

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059422.D
 Acq On : 27 Nov 2019 14:07
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
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apatel
 12/2/2019 10:08:49 AM

Quant Time: Nov 27 16:42:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	369869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	574344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	427827	98.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.48%	
35) Dibromofluoromethane	7.57	113	352108	100.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.30%	
50) Toluene-d8	10.08	98	1393087	99.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.88%	
62) 4-Bromofluorobenzene	12.40	95	502267	103.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	406271	93.325	ug/l	98
3) Chloromethane	2.04	50	469623	88.316	ug/l	98
4) Vinyl Chloride	2.17	62	461946	90.402	ug/l	100
5) Bromomethane	2.54	94	264826	86.077	ug/l	97
6) Chloroethane	2.68	64	257819	89.987	ug/l	97
7) Trichlorofluoromethane	3.00	101	544793	89.509	ug/l	97
8) Diethyl Ether	3.39	74	222255	89.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	333971	89.092	ug/l	99
10) Methyl Iodide	3.93	142	467399	95.795	ug/l	99
11) Tert butyl alcohol	4.75	59	338588	451.112	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	332822	90.660	ug/l	99
13) Acrolein	3.58	56	310725	424.095	ug/l	98
14) Allyl chloride	4.30	41	610555	89.674	ug/l	99
15) Acrylonitrile	4.95	53	993597	475.075	ug/l	100
16) Acetone	3.79	43	912065	441.878	ug/l	100
17) Carbon Disulfide	4.03	76	1074898	85.324	ug/l	100
18) Methyl Acetate	4.29	43	491694	87.477	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1101432	93.107	ug/l	98
20) Methylene Chloride	4.53	84	365015	87.032	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	359303	89.833	ug/l	98
22) Diisopropyl ether	5.92	45	1169391	92.424	ug/l	99
23) Vinyl Acetate	5.87	43	4869856	477.084	ug/l	99
24) 1,1-Dichloroethane	5.82	63	656689	90.207	ug/l	99
25) 2-Butanone	6.81	43	1356375	477.678	ug/l	100
26) 2,2-Dichloropropane	6.80	77	553358	89.320	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	395679	90.453	ug/l	99
28) Bromochloromethane	7.17	49	315338	125.365	ug/l	99
29) Tetrahydrofuran	7.19	42	893737	473.252	ug/l	100
30) Chloroform	7.35	83	629090	85.875	ug/l	100
31) Cyclohexane	7.63	56	634324	86.919	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	546092	91.157	ug/l	99
36) 1,1-Dichloropropene	7.77	75	506071	91.627	ug/l	100
37) Ethyl Acetate	6.90	43	540443	92.485	ug/l	99
38) Carbon Tetrachloride	7.75	117	492278	94.443	ug/l	100

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	627304	94.936	ug/l	100
40) Benzene	8.02	78	1495268	91.179	ug/l	100
41) Methacrylonitrile	7.16	41	268871m	97.451	ug/l	
42) 1,2-Dichloroethane	8.11	62	481662	92.627	ug/l	100
43) Isopropyl Acetate	8.15	43	858298	96.684	ug/l	100
44) Trichloroethene	8.82	130	380378	90.968	ug/l	99
45) 1,2-Dichloropropane	9.10	63	395326	92.162	ug/l	99
46) Dibromomethane	9.20	93	246916	93.278	ug/l	99
47) Bromodichloromethane	9.39	83	494401	92.344	ug/l	99
48) Methyl methacrylate	9.19	41	386600	98.159	ug/l	100
49) 1,4-Dioxane	9.19	88	109779	1908.480	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2526392	490.637	ug/l	98
52) Toluene	10.15	92	908785	92.759	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	584451	95.002	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	632480	95.238	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	350589	91.424	ug/l	99
56) Ethyl methacrylate	10.42	69	573677	102.560	ug/l	99
57) 1,3-Dichloropropane	10.70	76	613404	92.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	149417	90.938	ug/l	99
59) 2-Hexanone	10.75	43	1915952	501.790	ug/l	99
60) Dibromochloromethane	10.90	129	389606	97.331	ug/l	100
61) 1,2-Dibromoethane	11.00	107	374175	95.221	ug/l	99
64) Tetrachloroethene	10.63	164	334451	86.725	ug/l	99
65) Chlorobenzene	11.43	112	942055	89.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	352299	92.038	ug/l	99
67) Ethyl Benzene	11.51	91	1717646	92.646	ug/l	99
68) m/p-Xylenes	11.62	106	1302158	188.117	ug/l	96
69) o-Xylene	11.95	106	618251	93.131	ug/l	99
70) Styrene	11.96	104	1030694	99.037	ug/l	100
71) Bromoform	12.13	173	289703	99.397	ug/l #	100
73) Isopropylbenzene	12.25	105	1651229	87.626	ug/l	100
74) N-amyl acetate	12.07	43	705853	99.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	536064	87.233	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	491547m	83.653	ug/l	
77) Bromobenzene	12.53	156	400963	86.910	ug/l	99
78) n-propylbenzene	12.59	91	1944056	89.525	ug/l	100
79) 2-Chlorotoluene	12.68	91	1131389	87.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1405295	88.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	207472	92.638	ug/l	99
82) 4-Chlorotoluene	12.78	91	1178576	88.144	ug/l	100
83) tert-Butylbenzene	12.99	119	1191571	87.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1393939	89.832	ug/l	100
85) sec-Butylbenzene	13.17	105	1619503	89.662	ug/l	100
86) p-Isopropyltoluene	13.29	119	1483619	90.858	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	725953	88.788	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	723643	88.156	ug/l	99
89) n-Butylbenzene	13.62	91	1355690	94.976	ug/l	99
90) Hexachloroethane	13.88	117	270035	86.521	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	694824	86.728	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	112538	80.640	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:27:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	469983	94.373	ug/l	99
94) Hexachlorobutadiene	15.01	225	252049	82.586	ug/l	99
95) Naphthalene	15.13	128	1281890	91.103	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	461174	86.938	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

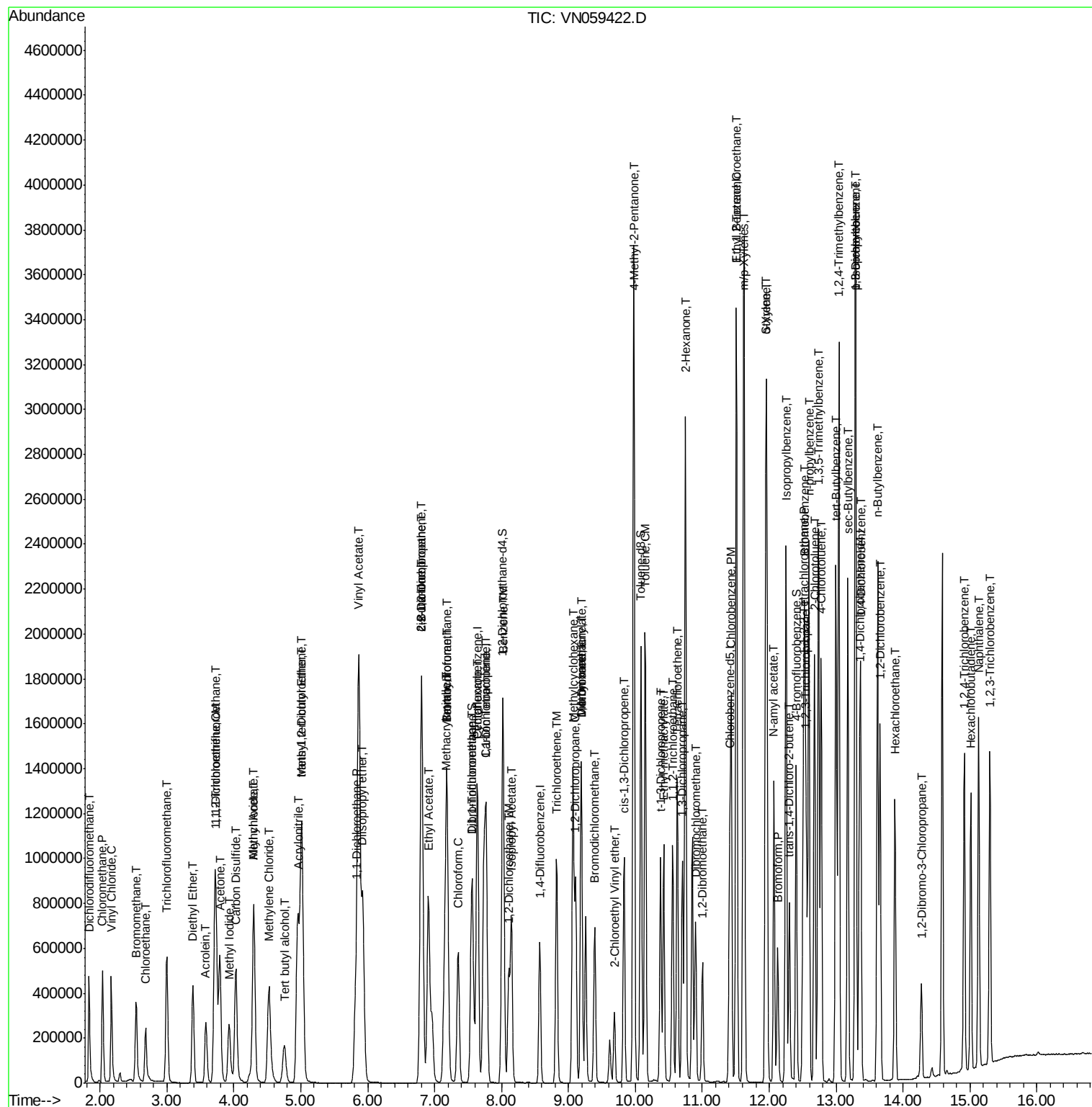
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 Data File : VN059422.D
 Acq On : 27 Nov 2019 14:07
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

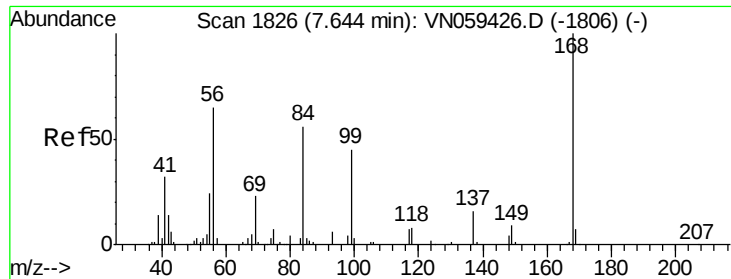
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 369869

Ion Ratio Lower Upper

168 100

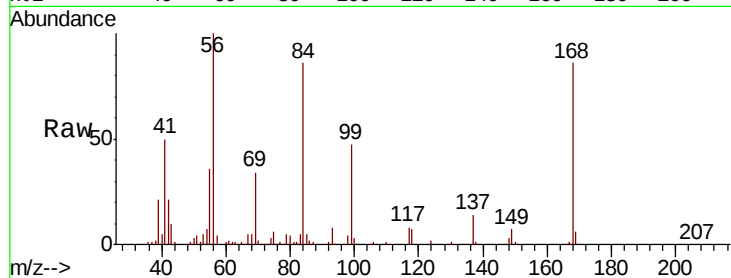
99 54.1 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

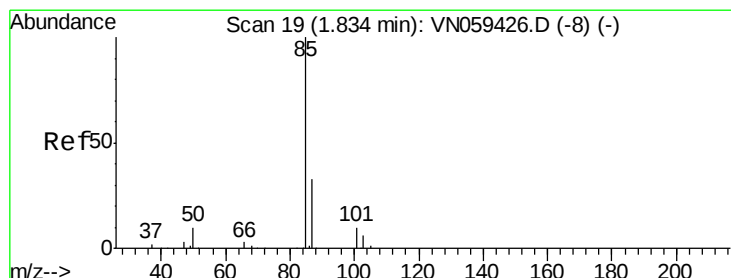
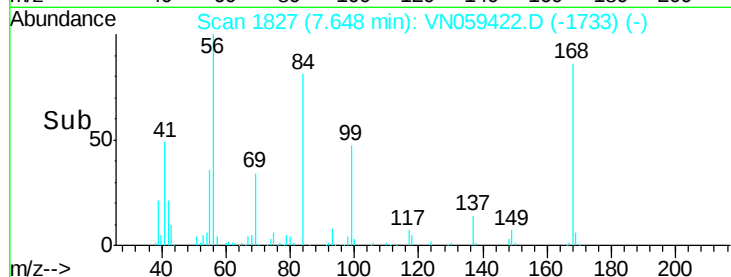
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 93.325 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059422.D

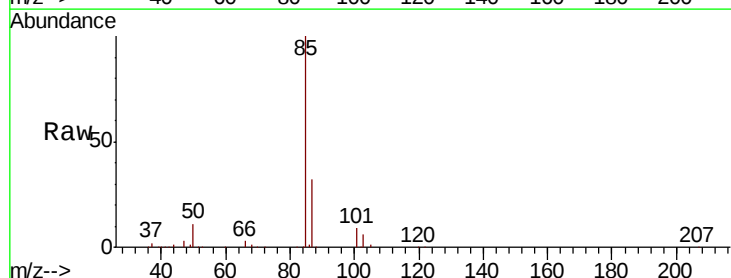
Acq: 27 Nov 2019 14:07

Tgt Ion: 85 Resp: 406271

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

300000

250000

200000

150000

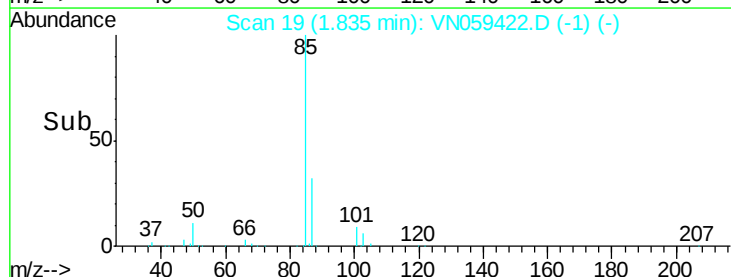
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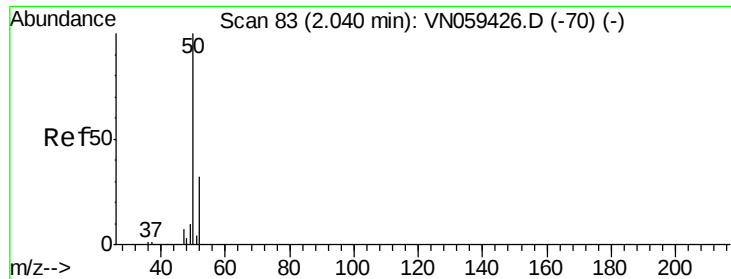
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 88.316 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 469623

Ion Ratio Lower Upper

50 100

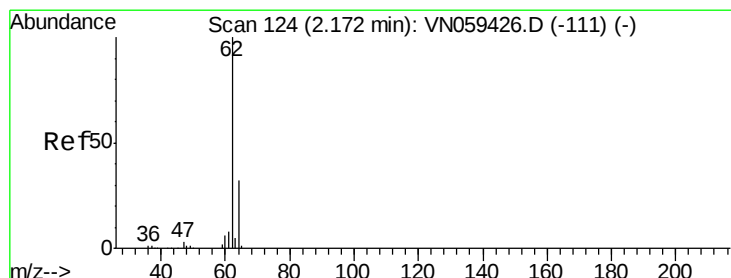
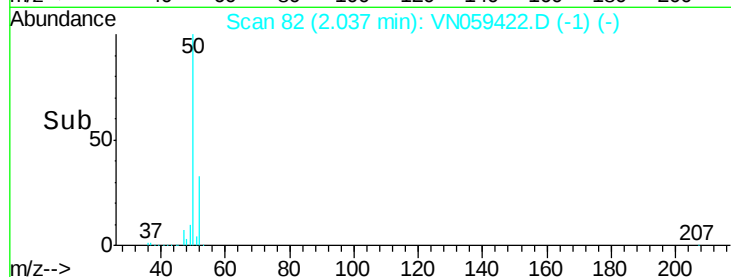
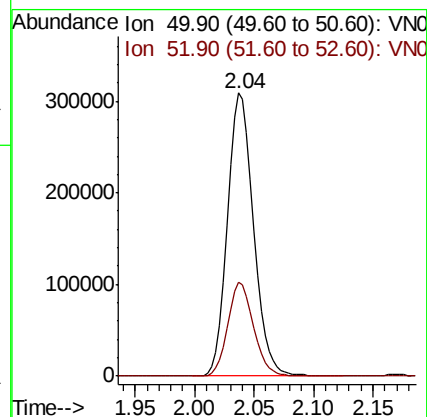
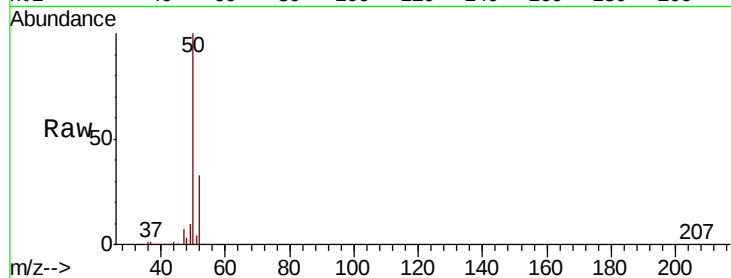
52 33.1 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 90.402 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059422.D

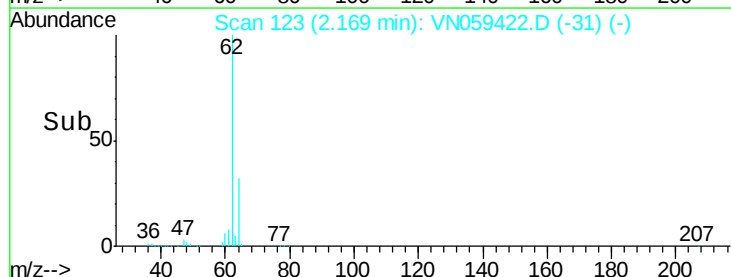
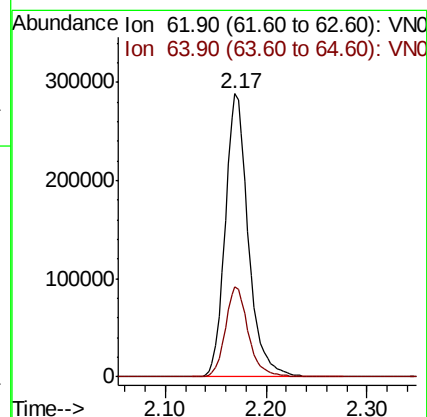
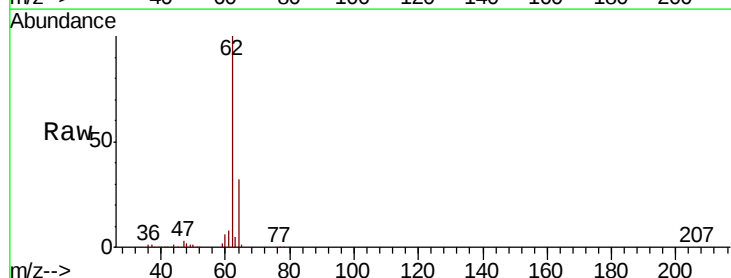
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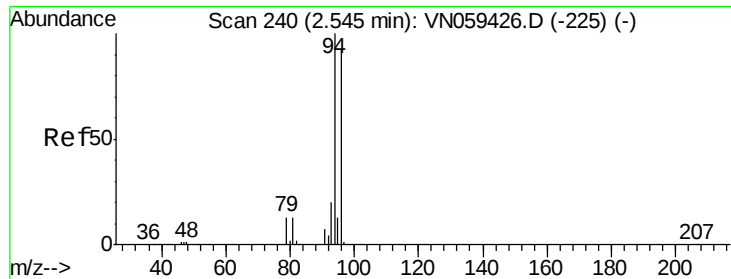
Tgt Ion: 62 Resp: 461946

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 86.077 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 264826

Ion Ratio Lower Upper

94 100

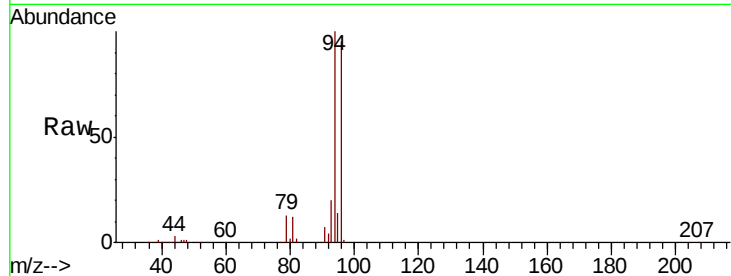
96 95.1 73.8 110.6

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Abundance Ion 93.90 (93.60 to 94.60): VN059422.D (-147) (-)

Ion 95.90 (95.60 to 96.60): VN059422.D (-147) (-)

150000

100000

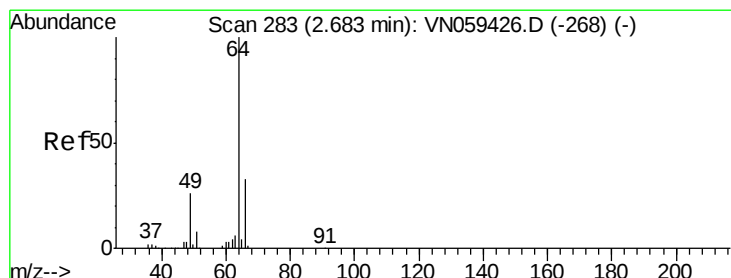
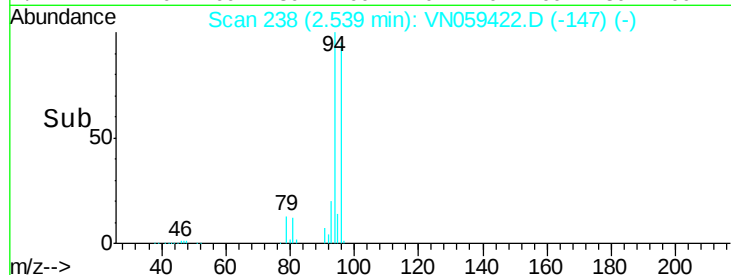
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0

2.54

2.50 2.60 2.70

Time-->



#6

Chloroethane

Concen: 89.987 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059422.D

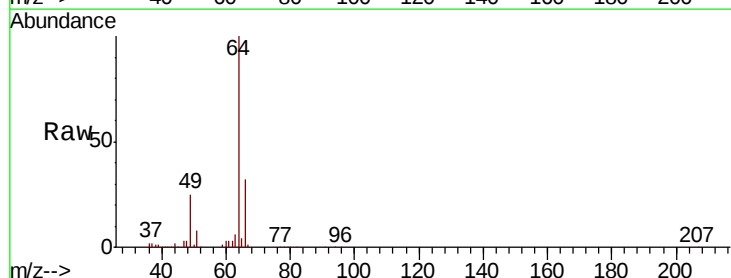
Acq: 27 Nov 2019 14:07

Tgt Ion: 64 Resp: 257819

Ion Ratio Lower Upper

64 100

66 31.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN059422.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN059422.D (-190) (-)

100000

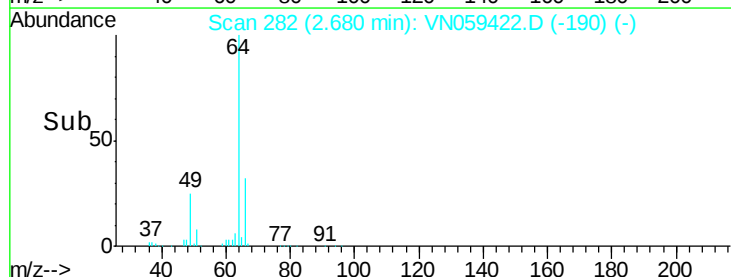
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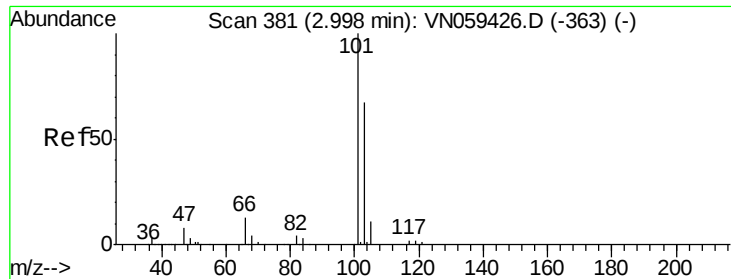
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2.68

2.60 2.70 2.80

Time-->





#7

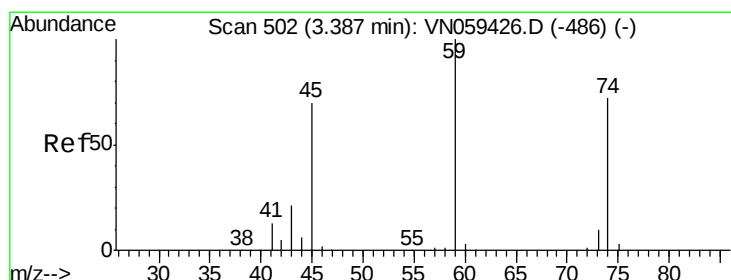
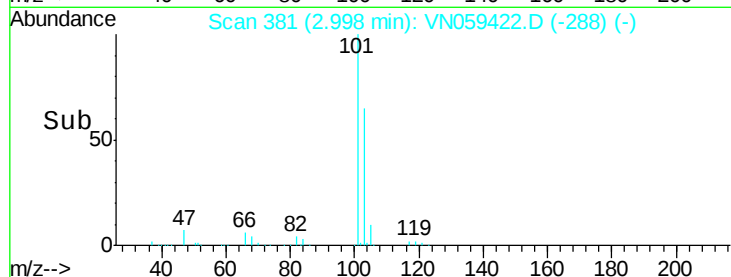
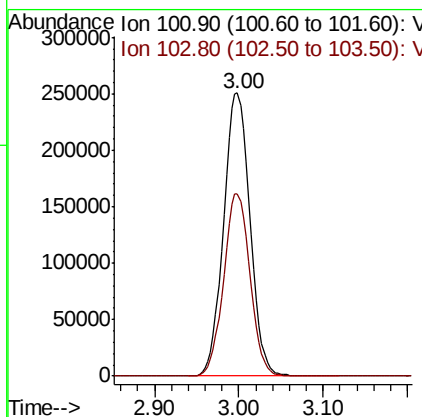
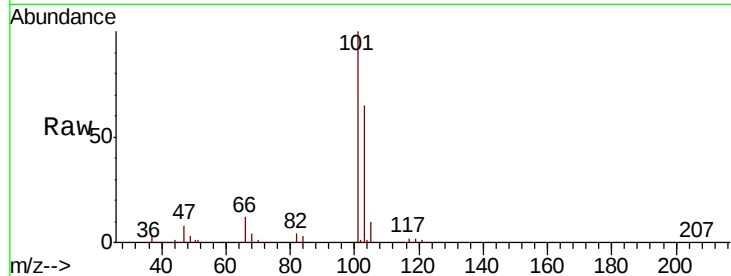
Trichlorofluoromethane
Concen: 89.509 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		544793		
103	64.6	53.6	80.4		

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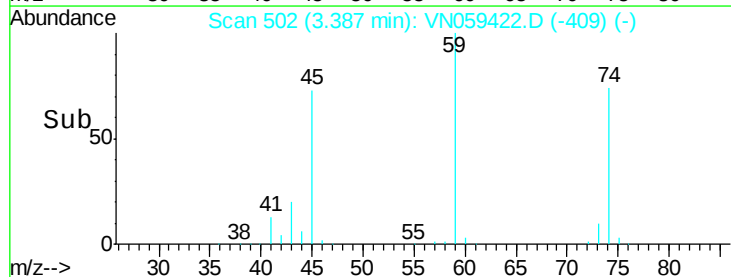
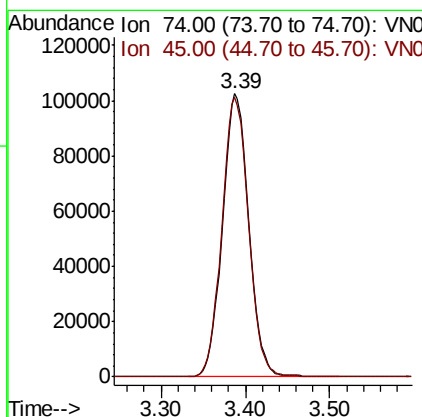
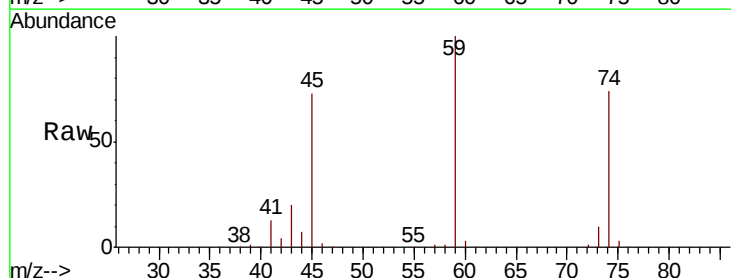
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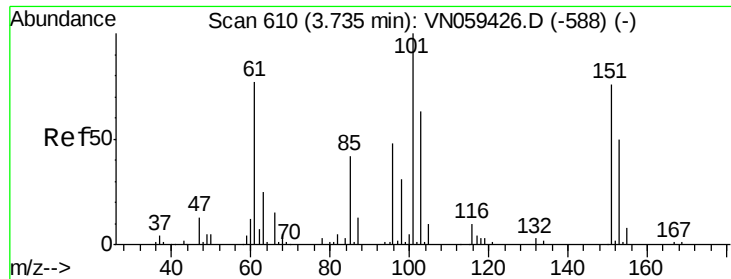


#8

Diethyl Ether
Concen: 89.724 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		222255		
45	99.9	49.7	149.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.092 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

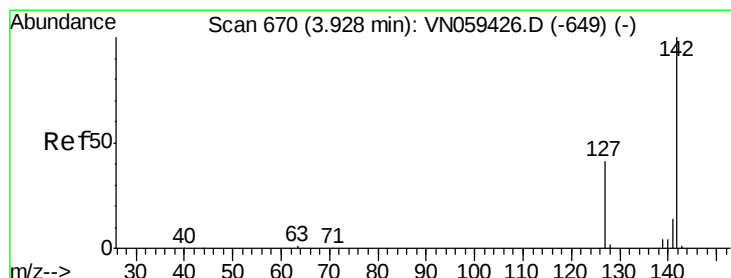
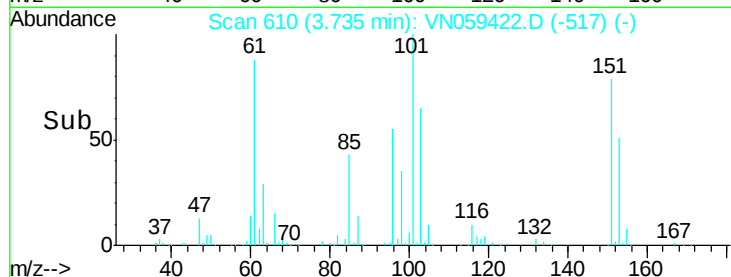
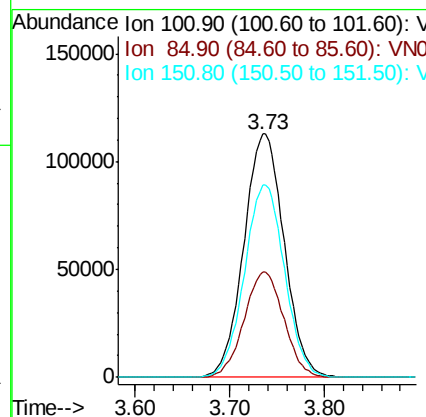
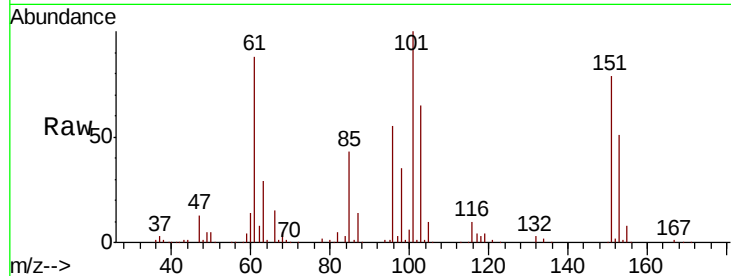
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	333971
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.2
151	78.8	62.6	93.8

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#10

Methyl Iodide

Concen: 95.795 ug/l

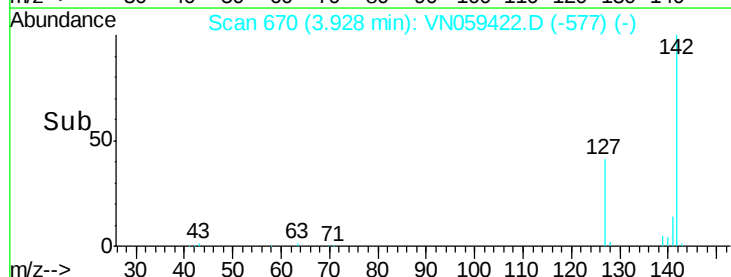
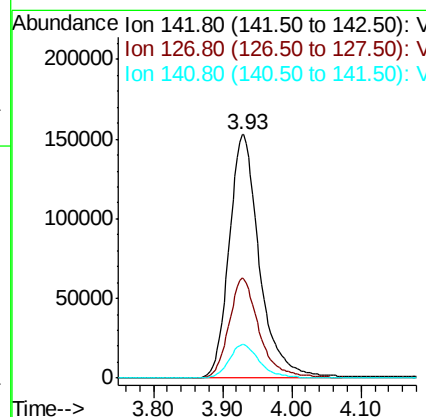
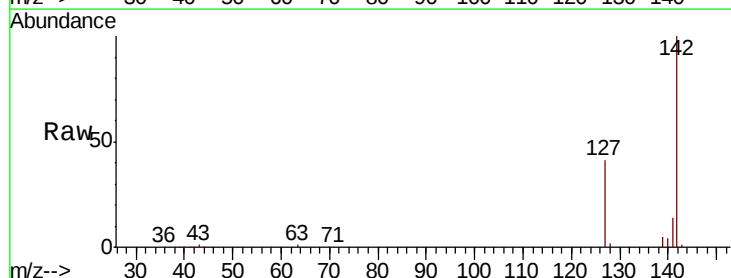
RT: 3.93 min Scan# 670

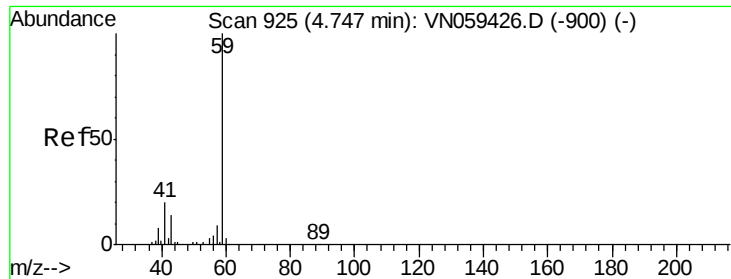
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	142	Resp:	467399
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.6	48.8
141	14.1	11.1	16.7





#11

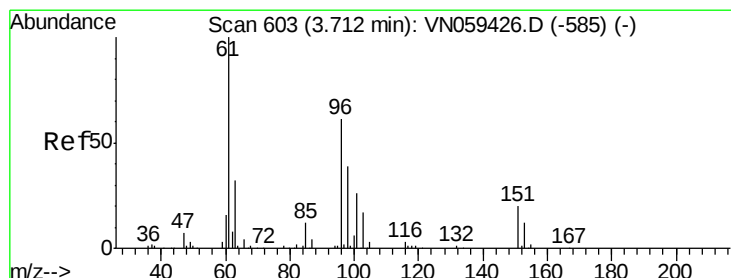
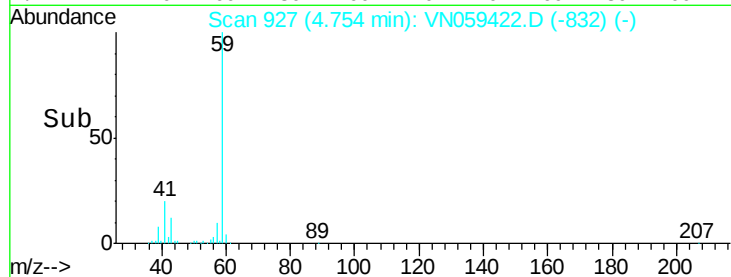
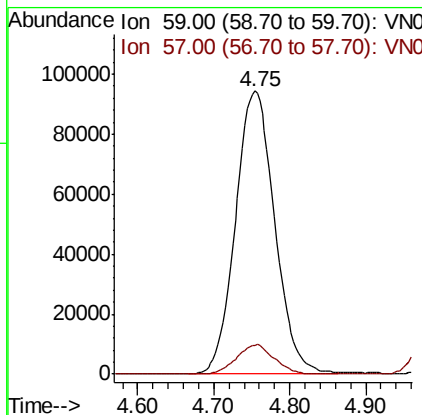
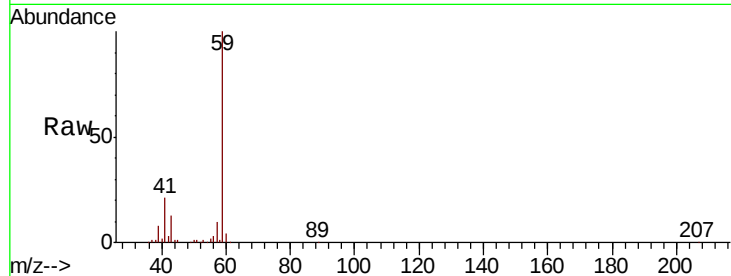
Tert butyl alcohol
 Concen: 451.112 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	9.9		3.8	5.8#

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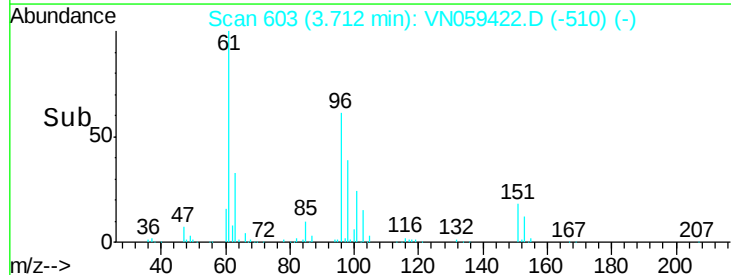
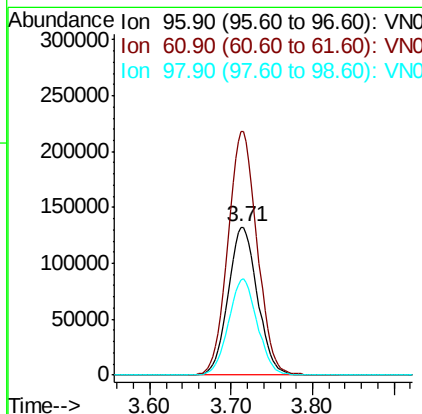
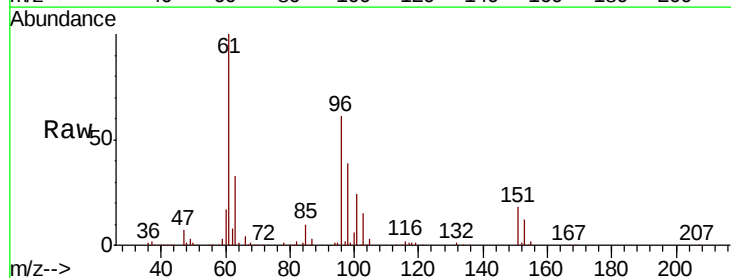
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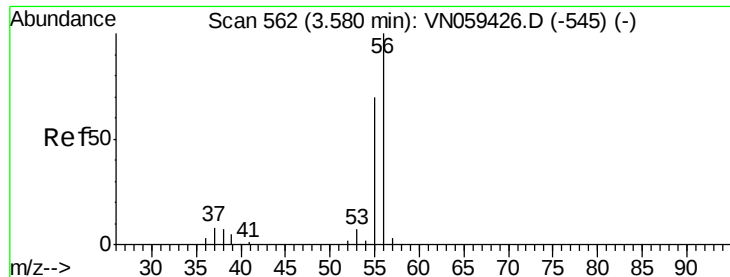


#12

1,1-Dichloroethene
 Concen: 90.660 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	164.6		130.5	195.7
98	98	64.3		51.3	76.9





#13

Acrolein

Concen: 424.095 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 310725

Ion Ratio Lower Upper

56 100

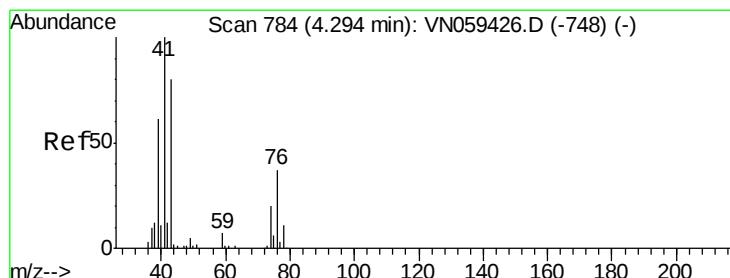
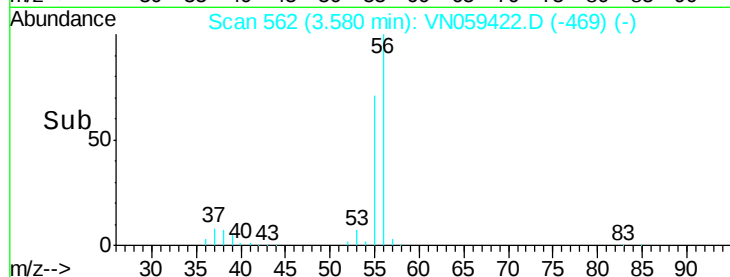
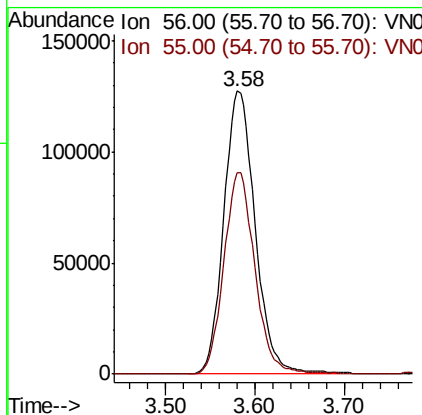
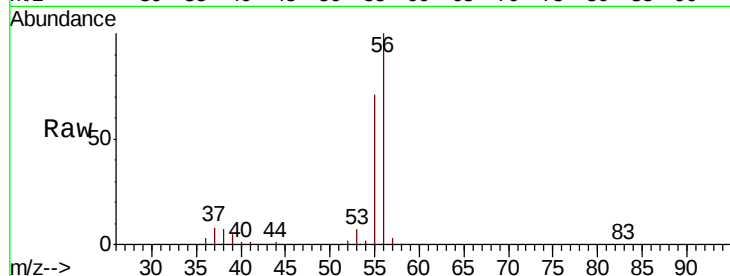
55 70.6 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 89.674 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

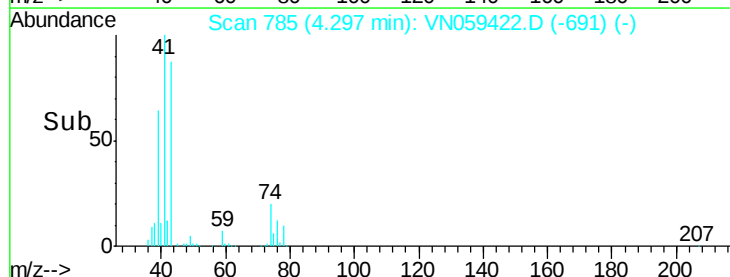
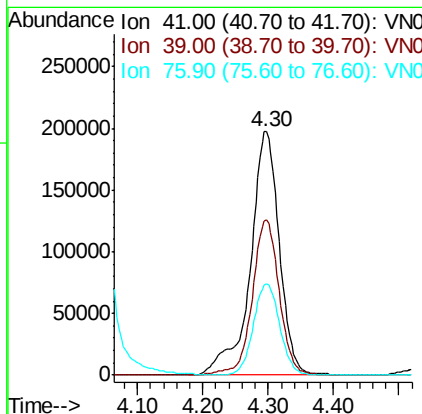
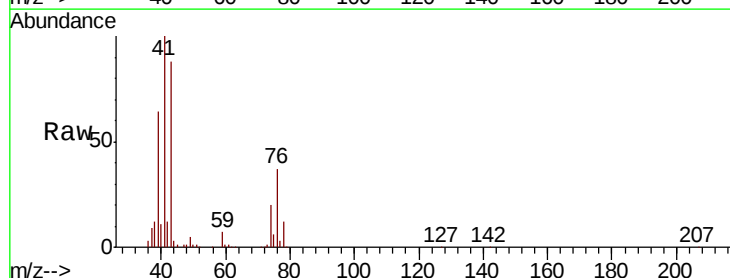
Tgt Ion: 41 Resp: 610555

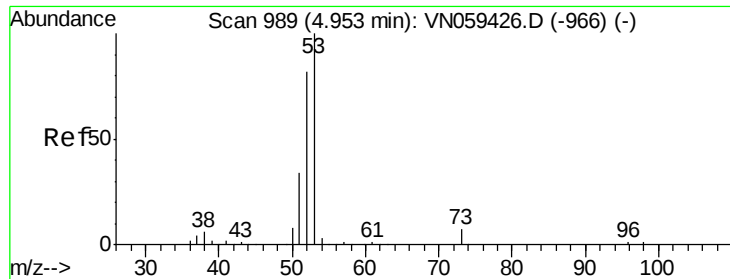
Ion Ratio Lower Upper

41 100

39 59.2 46.5 69.7

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 475.075 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

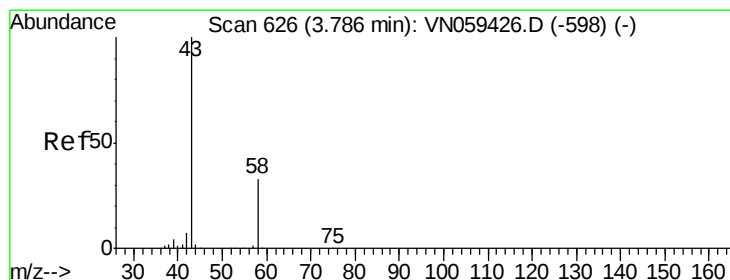
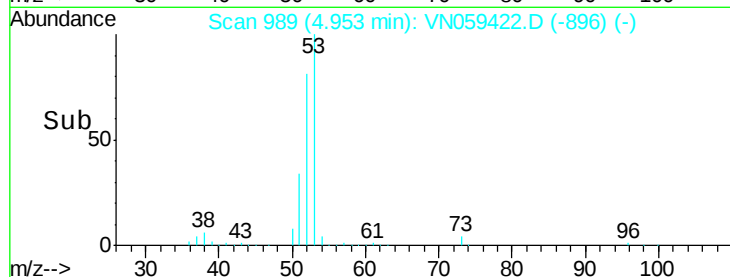
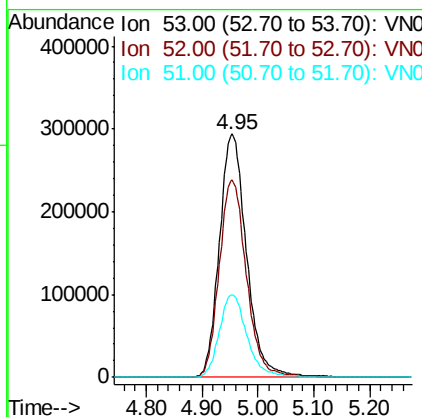
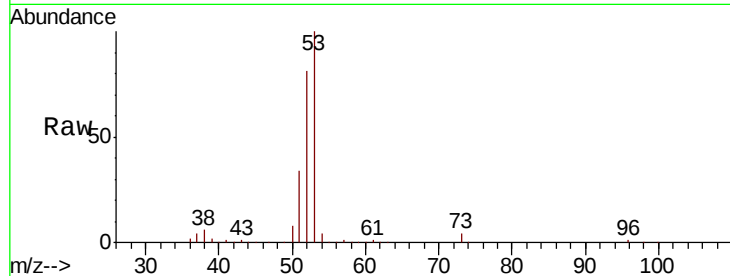
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	993597
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.1	97.7
51	34.8	27.8	41.8

Manual Integrations
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#16

Acetone

Concen: 441.878 ug/l

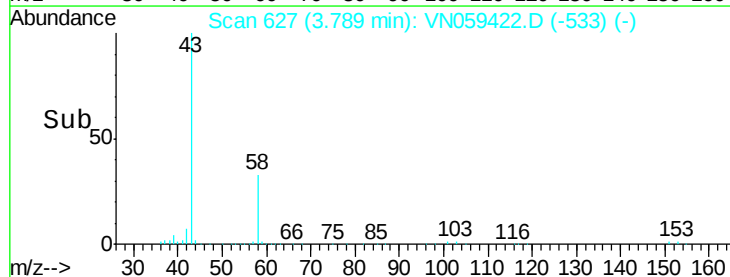
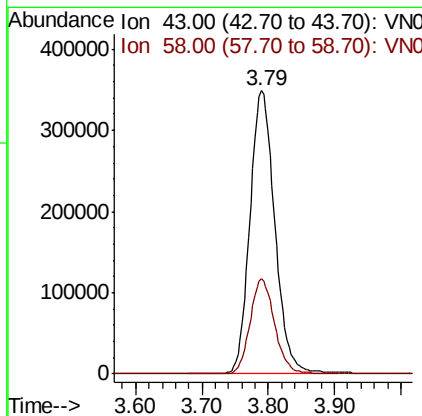
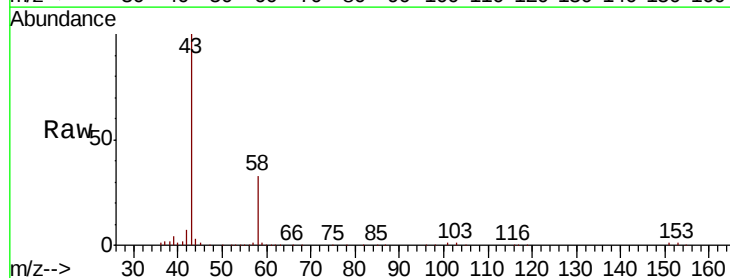
RT: 3.79 min Scan# 627

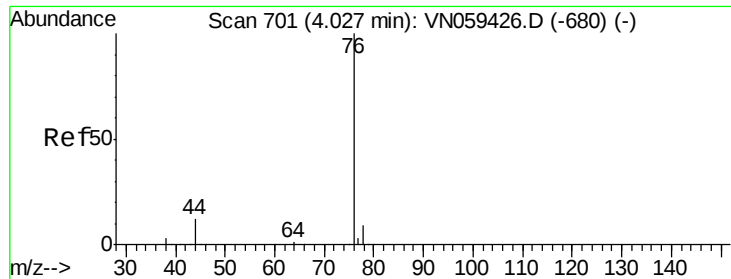
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	43	Resp:	912065
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.6	39.8





#17

Carbon Disulfide

Concen: 85.324 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1074898

Ion Ratio Lower Upper

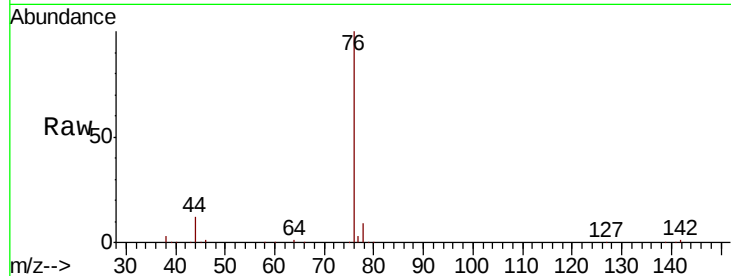
76 100

78 9.0 7.4 11.0

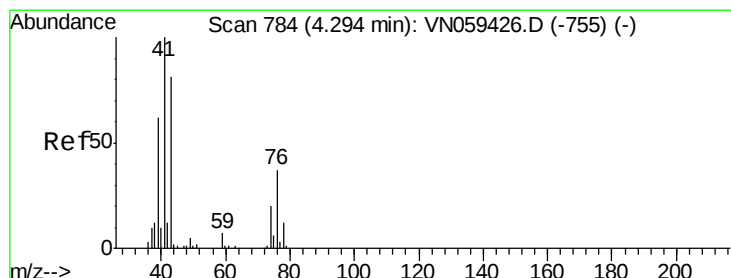
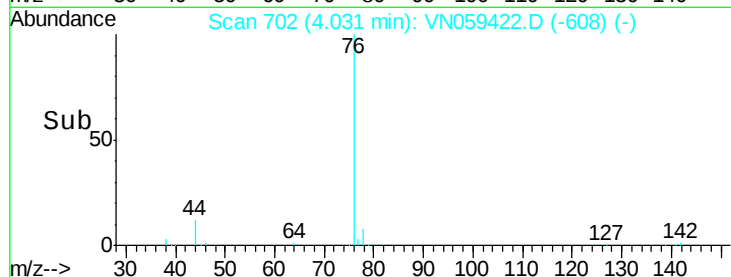
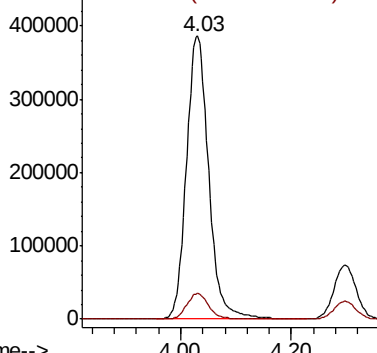
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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 87.477 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059422.D

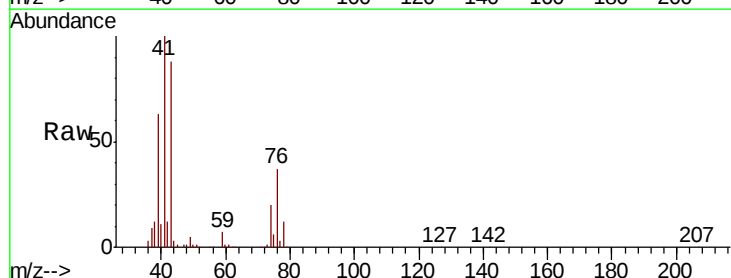
Acq: 27 Nov 2019 14:07

Tgt Ion: 43 Resp: 491694

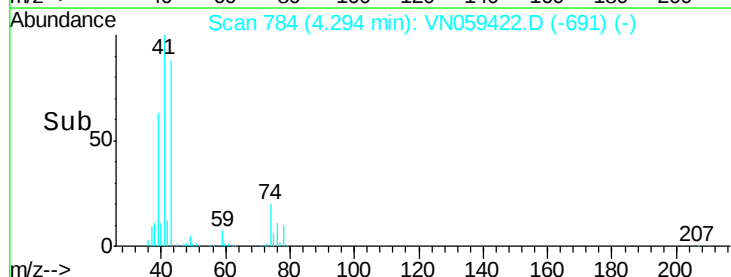
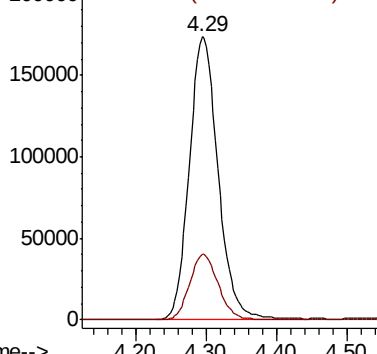
Ion Ratio Lower Upper

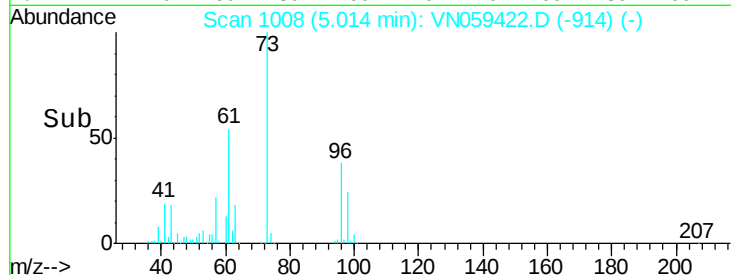
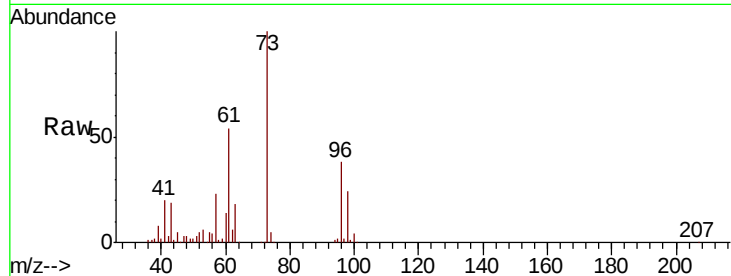
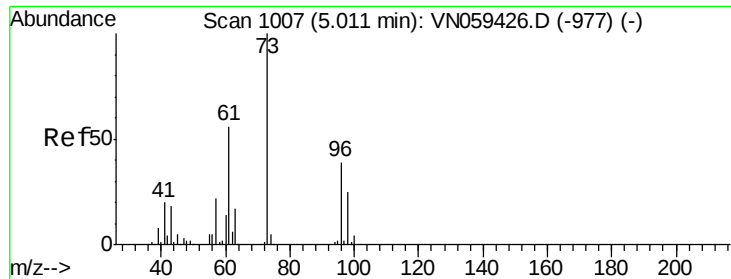
43 100

74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





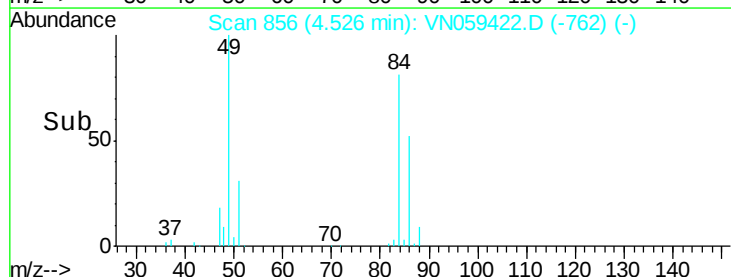
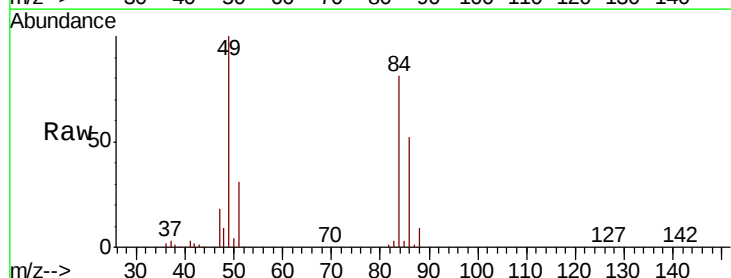
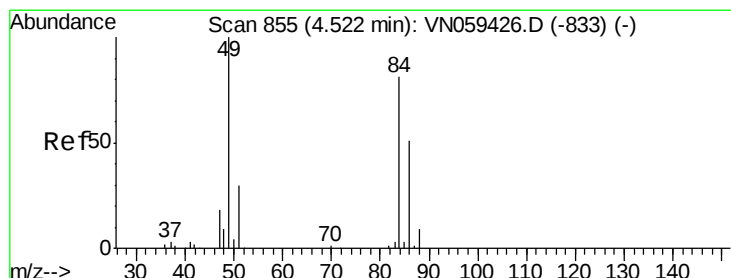
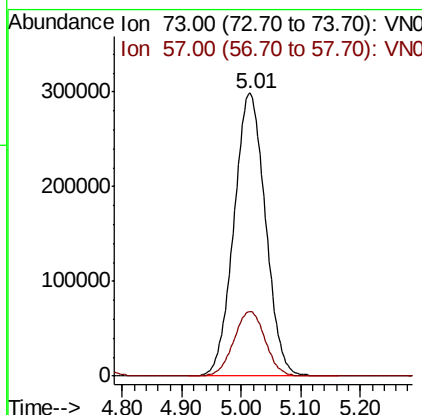
#19
Methvl tert-butvl Ether
Concen: 93.107 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tot Ion: 73 Resp: 1101432
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

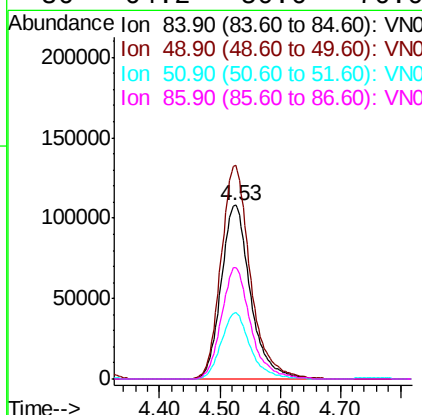
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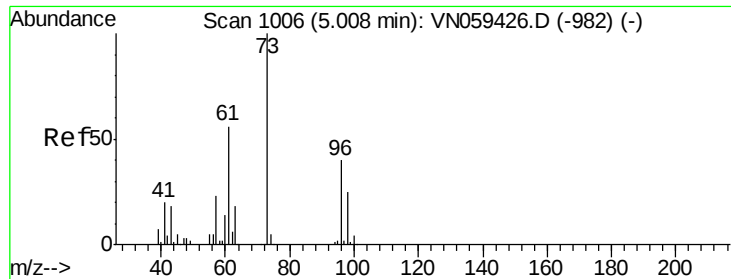
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#20
Methylene Chloride
Concen: 87.032 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion: 84 Resp: 365015
Ion Ratio Lower Upper
84 100
49 122.8 98.6 148.0
51 38.0 29.4 44.0
86 64.2 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 89.833 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

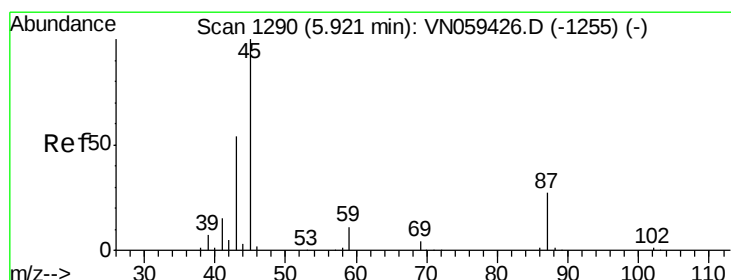
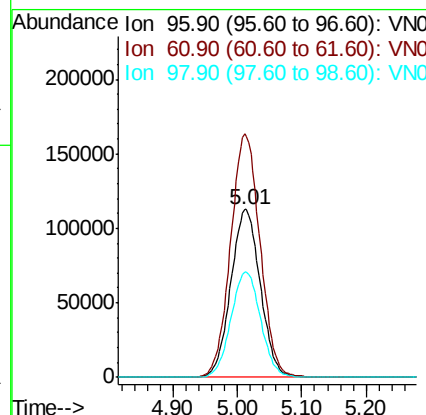
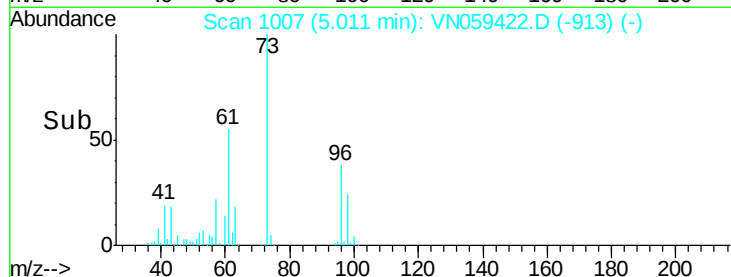
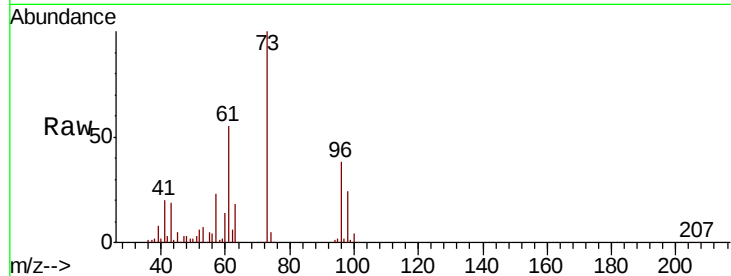
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	359303
Ion	Ratio	Lower	Upper
96	100		
61	144.9	114.0	171.0
98	62.4	50.5	75.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 92.424 ug/l

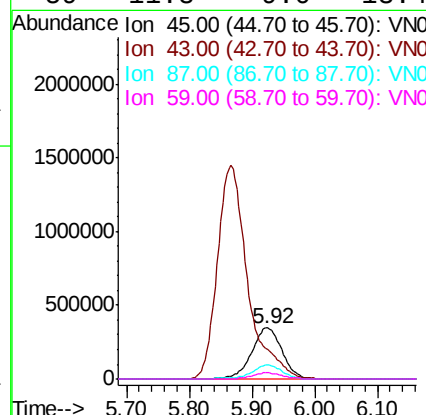
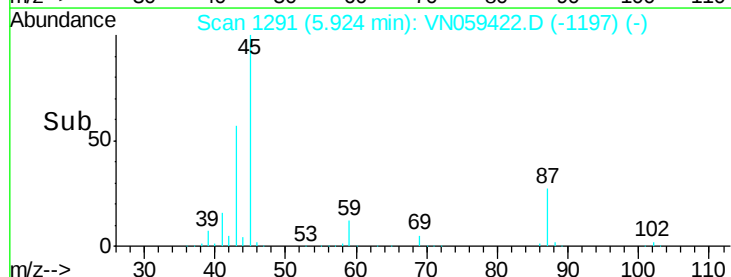
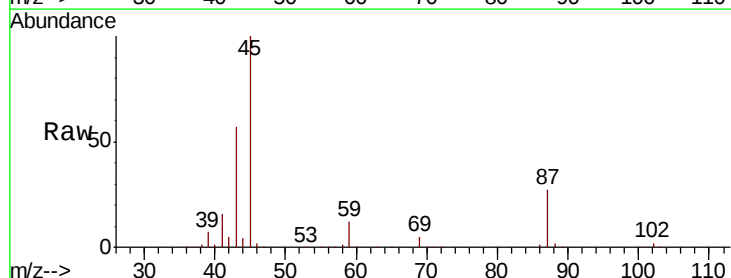
RT: 5.92 min Scan# 1291

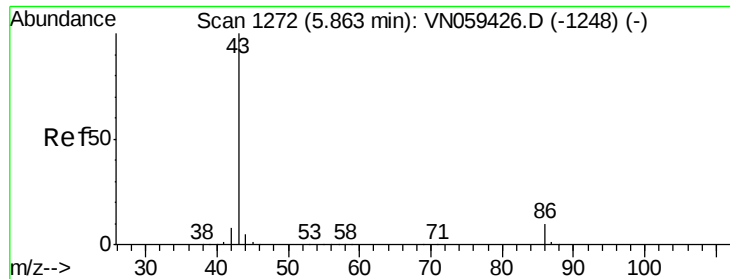
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	45	Resp:	1169391
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.3	69.5
87	27.0	21.8	32.6
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 477.084 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4869856

Ion Ratio Lower Upper

43 100

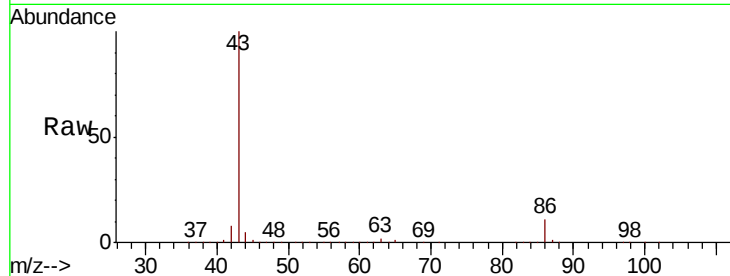
86 10.8 8.2 12.4

Manual Integrations

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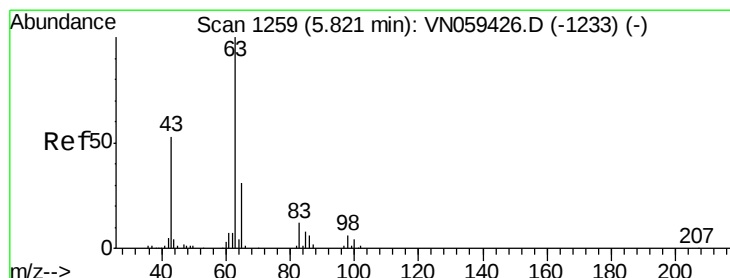
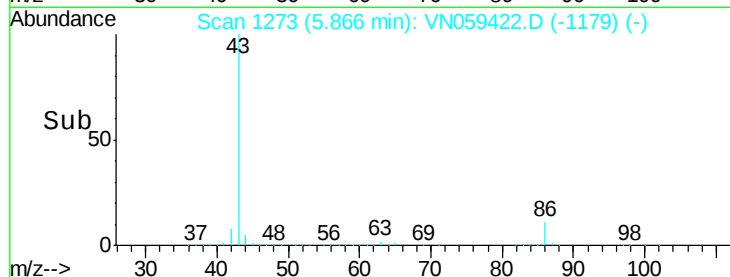
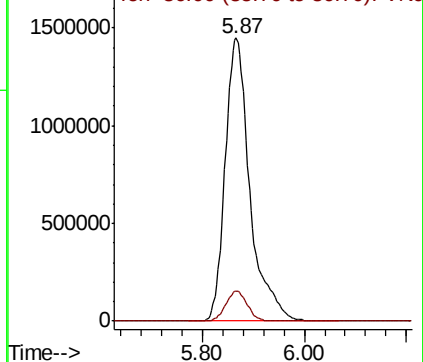
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 90.207 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

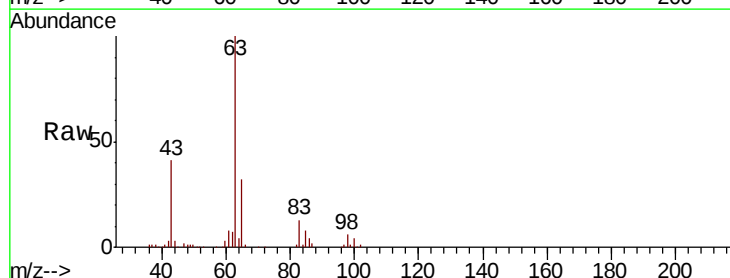
Tgt Ion: 63 Resp: 656689

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

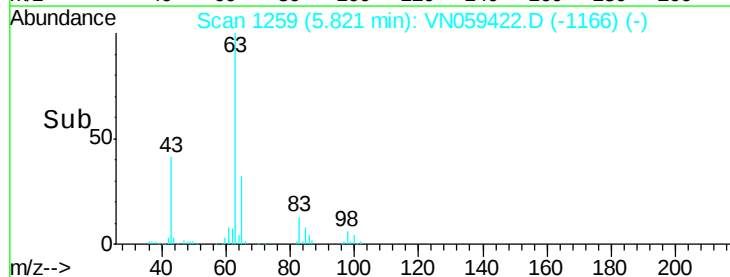
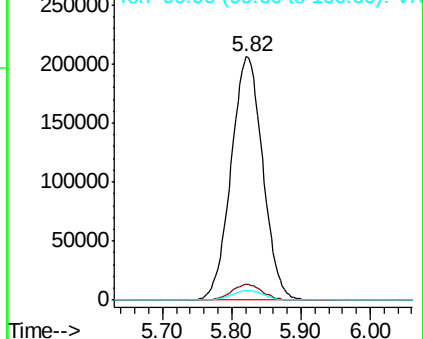
100 3.8 2.1 6.3

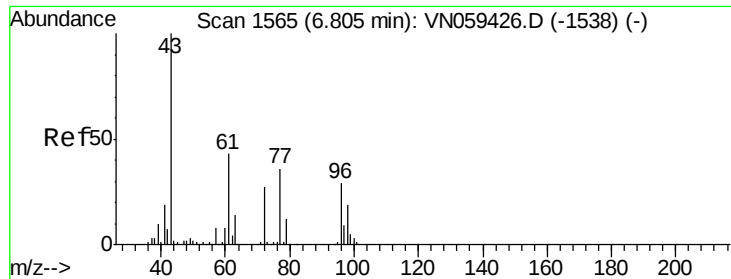


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 477.678 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1356375

Ion Ratio Lower Upper

43 100

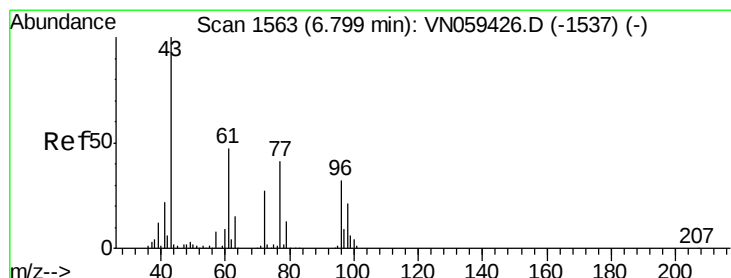
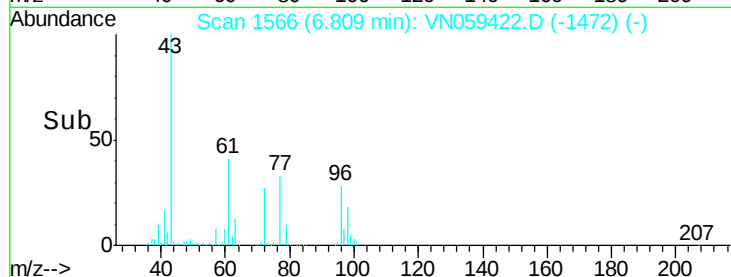
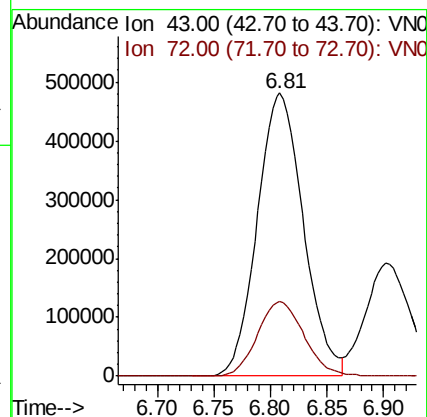
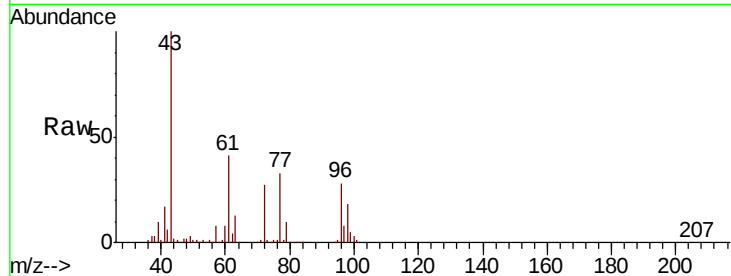
72 26.6 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 89.320 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059422.D

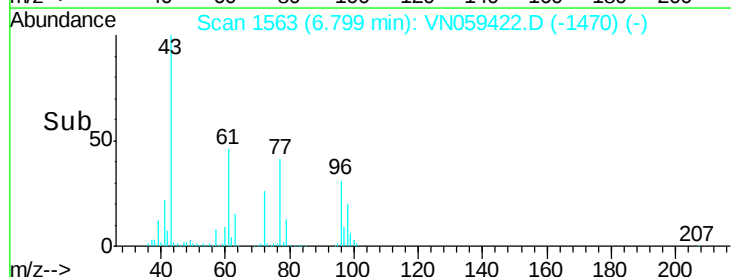
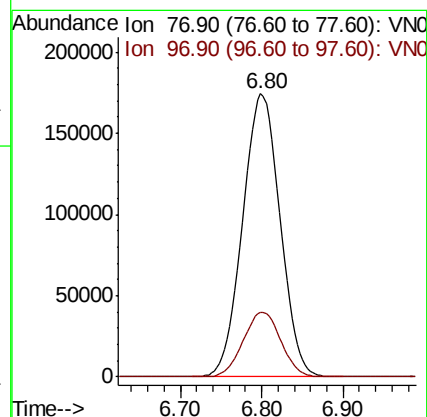
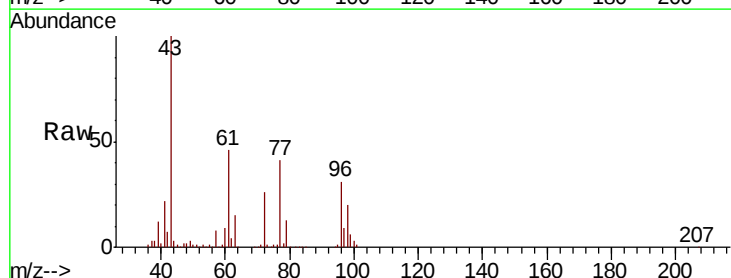
Acq: 27 Nov 2019 14:07

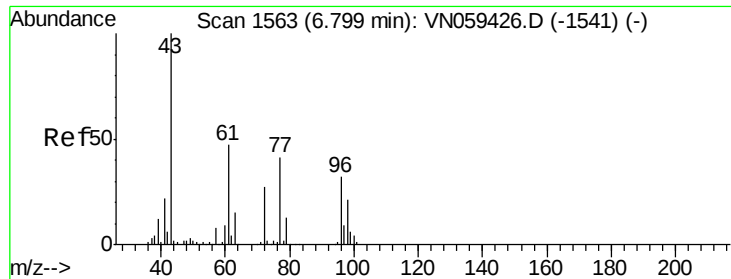
Tgt Ion: 77 Resp: 553358

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 90.453 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

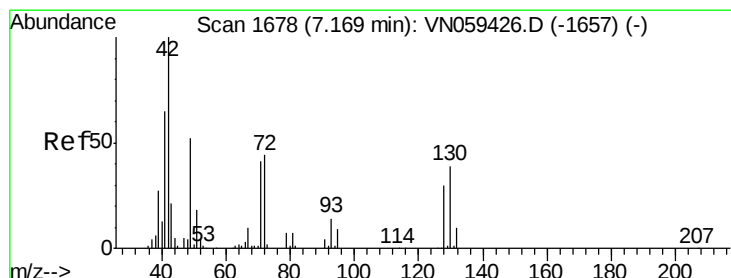
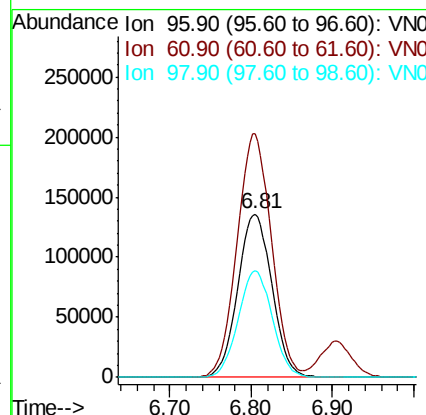
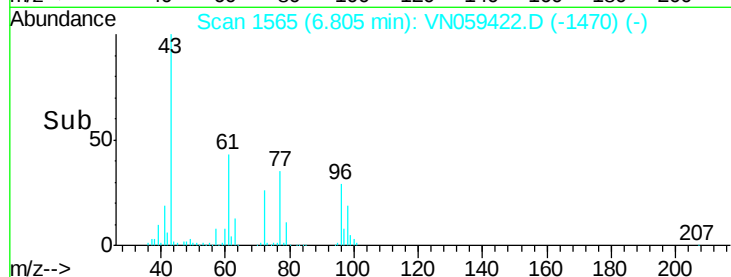
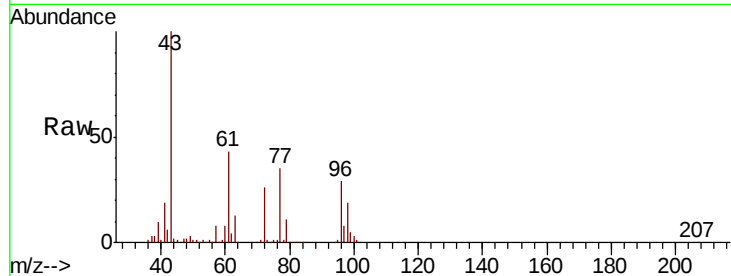
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	395679
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	297.6
98	64.9	0.0	130.8

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#28

Bromochloromethane

Concen: 125.365 ug/l

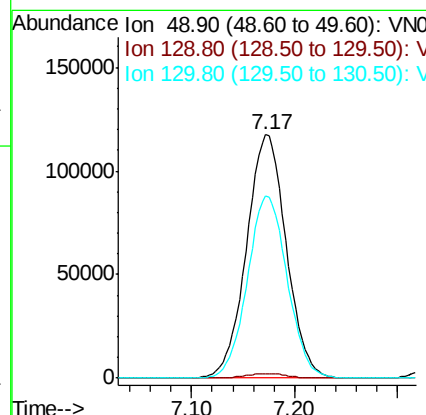
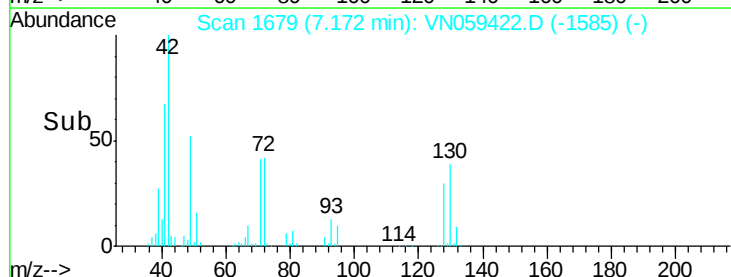
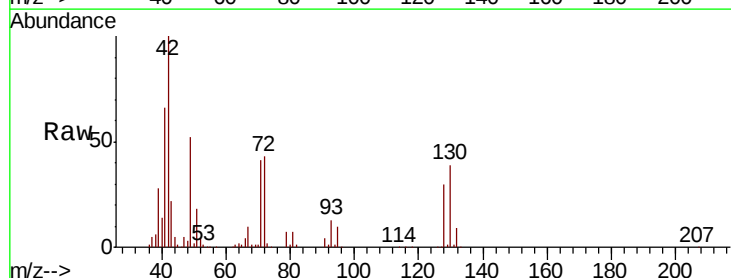
RT: 7.17 min Scan# 1679

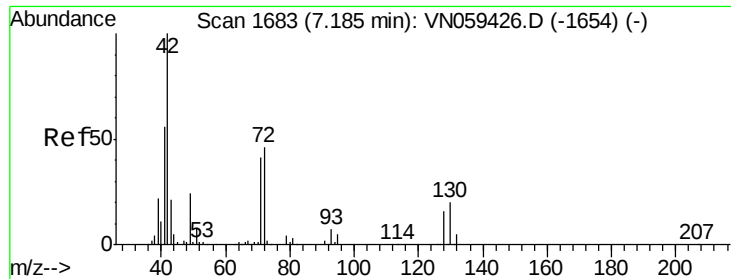
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	49	Resp:	315338
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	74.8	60.5	90.7





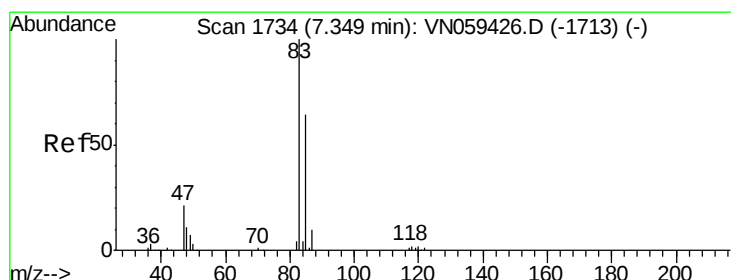
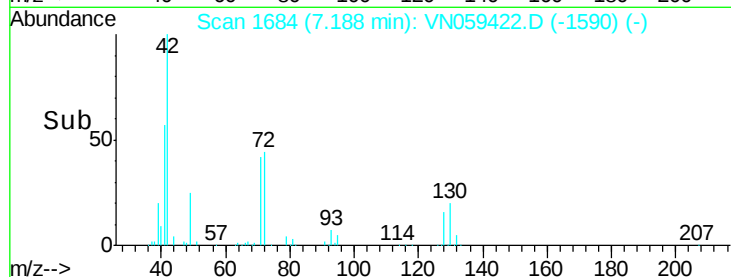
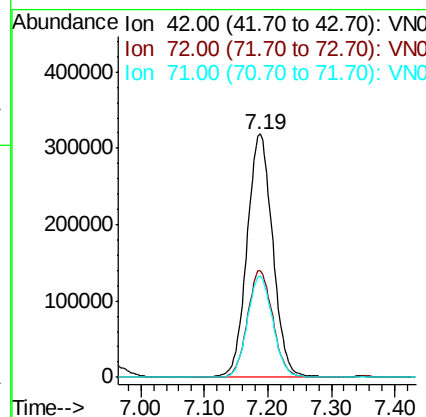
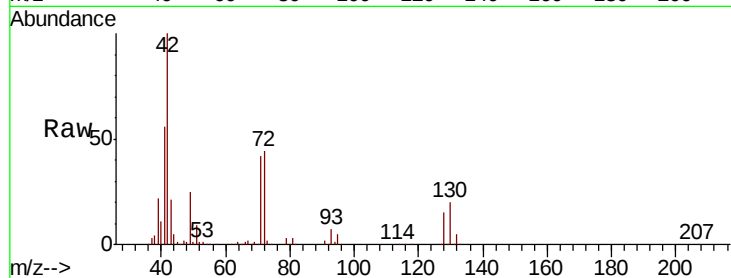
#29
Tetrahydrofuran
Concen: 473.252 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	41.1	33.0	49.6

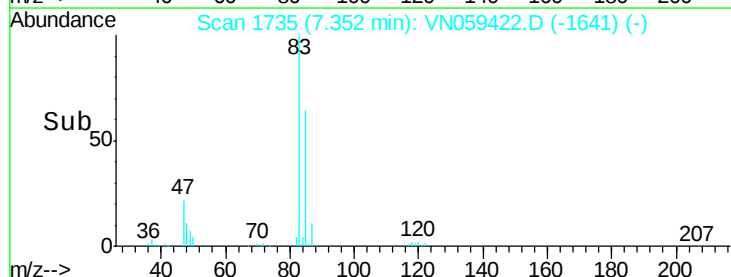
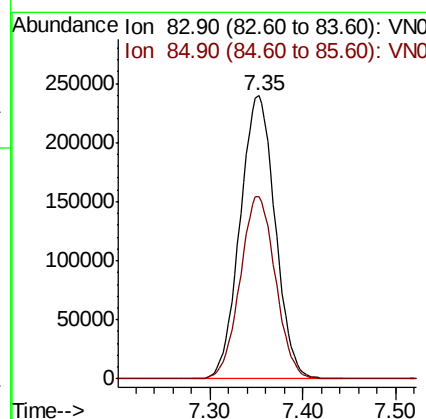
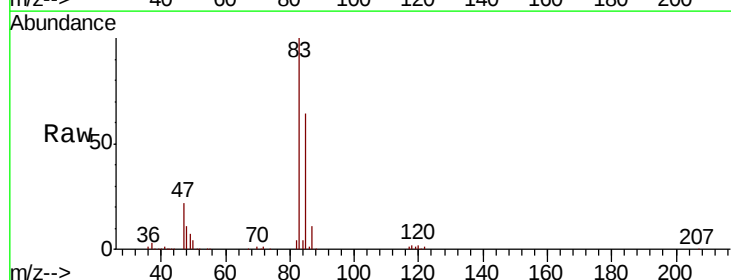
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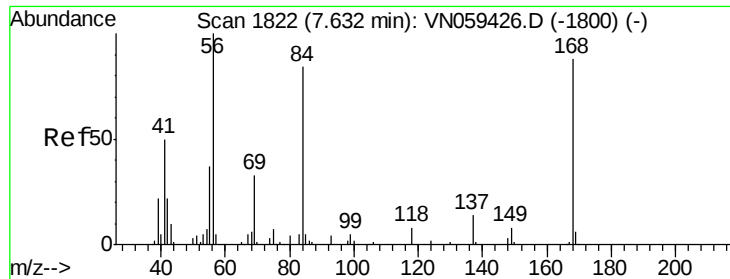
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#30
Chloroform
Concen: 85.875 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4





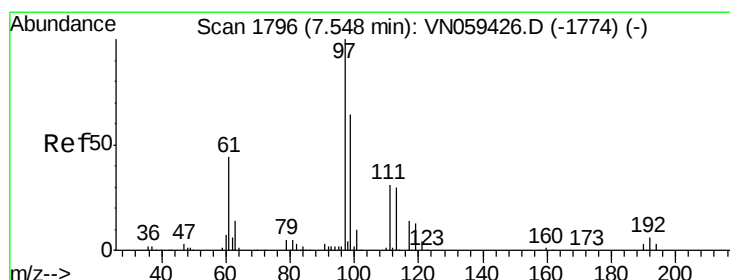
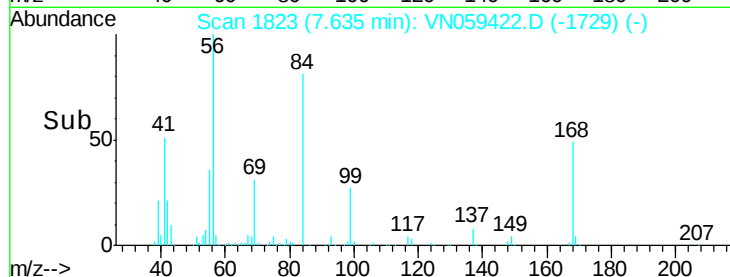
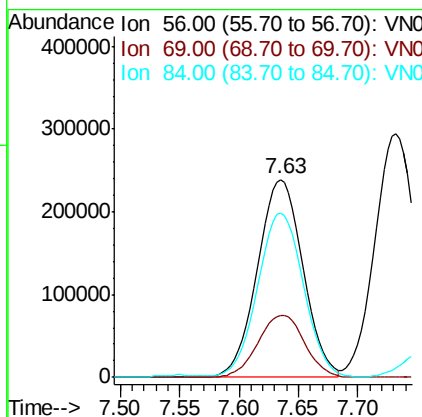
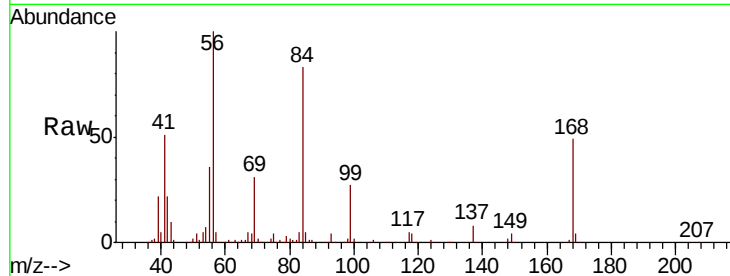
#31
Cyclohexane
Concen: 86.919 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.4	39.6
84	82.2	67.0	100.6

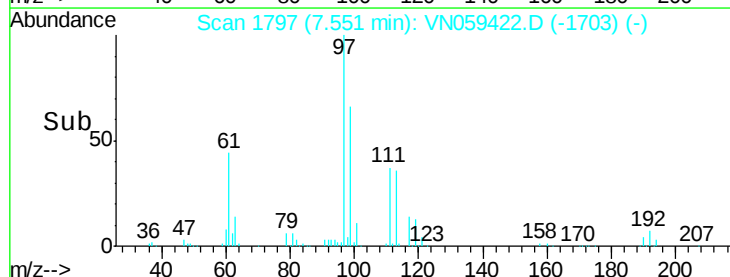
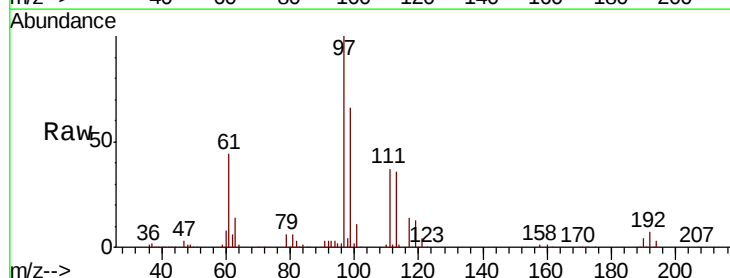
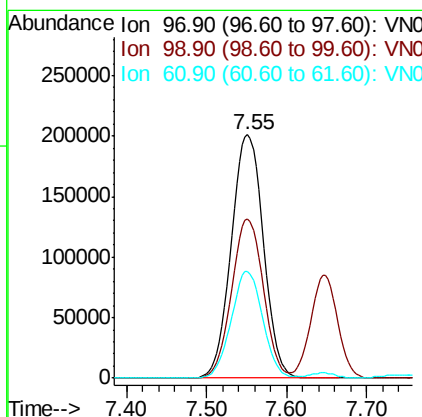
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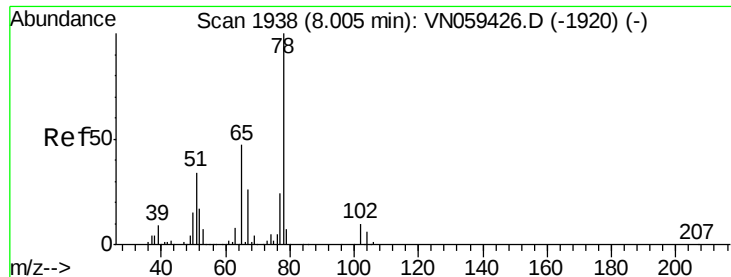
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#32
1,1,1-Trichloroethane
Concen: 91.157 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	43.0	34.3	51.5





#33

1,2-Dichloroethane-d4

Concen: 98.745 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 427827

Ion Ratio Lower Upper

65 100

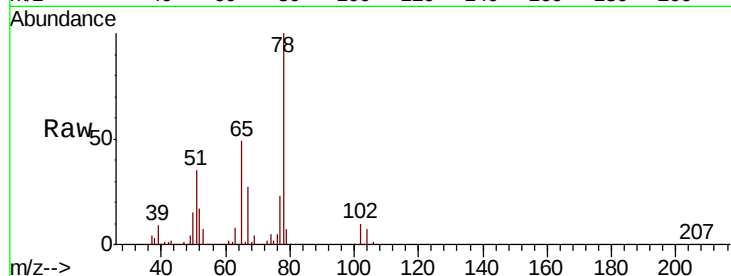
67 55.0 0.0 111.2

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Abundance Ion 64.90 (64.60 to 65.60): VN059422.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059422.D (-1845) (-)

8.01

200000

150000

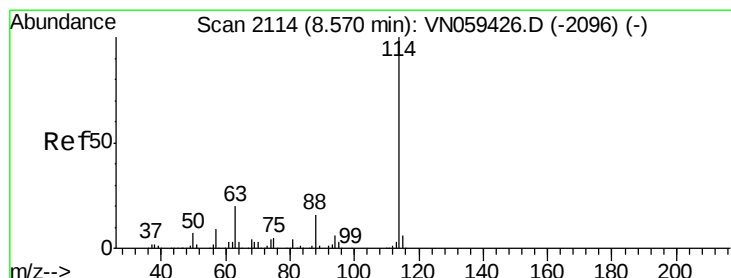
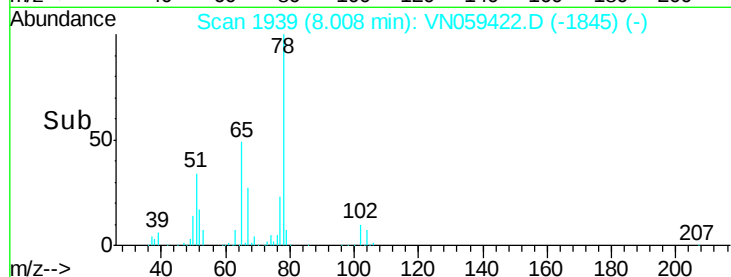
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

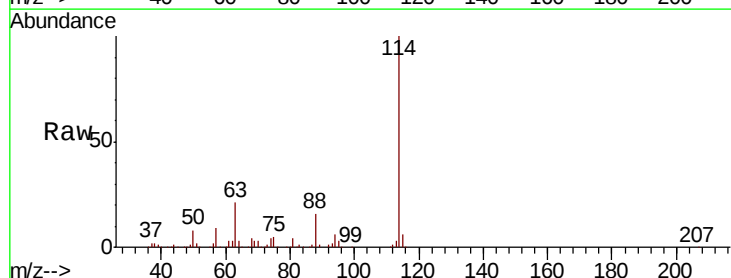
Tgt Ion: 114 Resp: 574344

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059422.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN059422.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN059422.D (-2096) (-)

8.57

300000

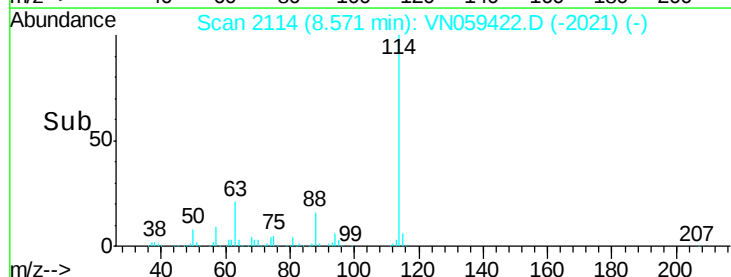
200000

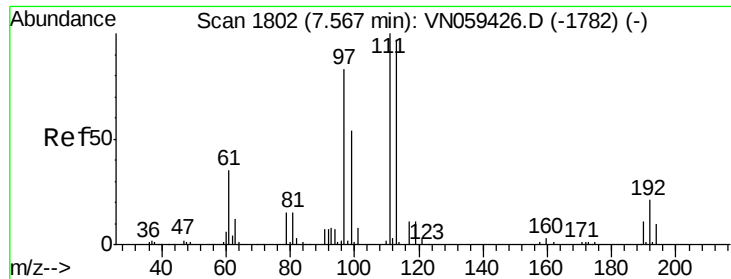
100000

0

8.50 8.55 8.60

Time-->





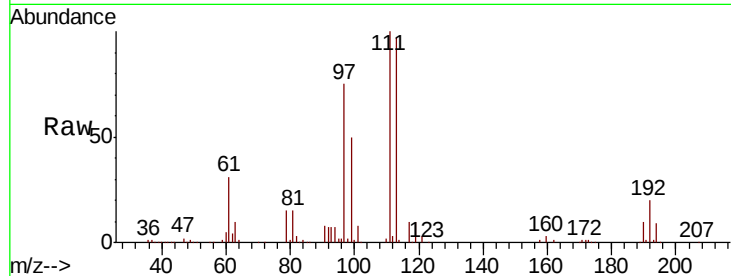
#35
Dibromofluoromethane
Concen: 100.647 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	352108		
111	102.2	81.9	122.9	
192	20.7	16.6	24.8	

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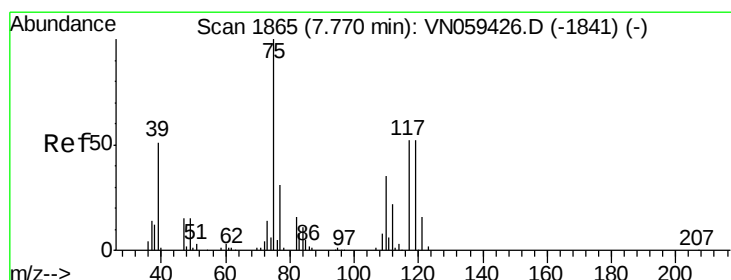
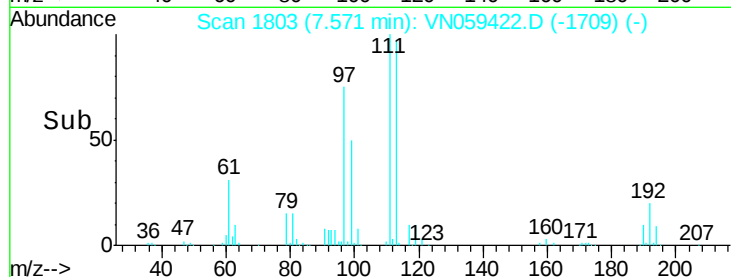
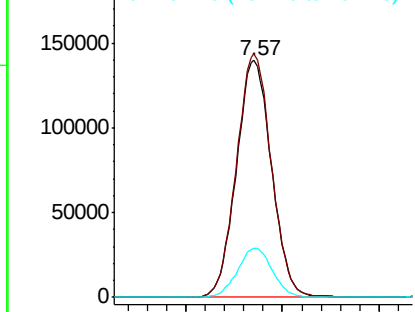


Abundance

Ion 112.80 (112.50 to 113.50): V

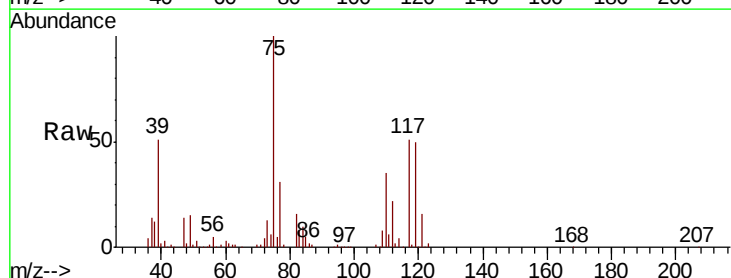
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 91.627 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	506071		
110	34.8	17.3	52.0	
77	31.4	24.9	37.3	

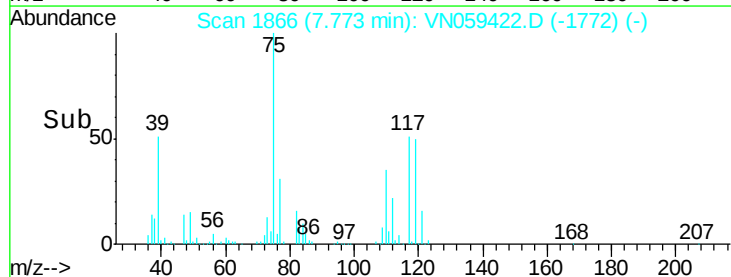
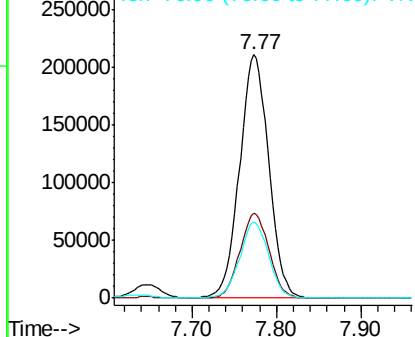


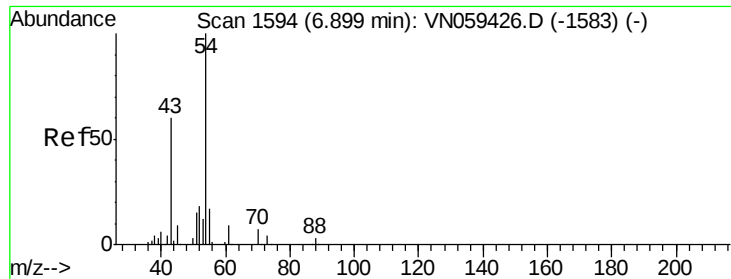
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





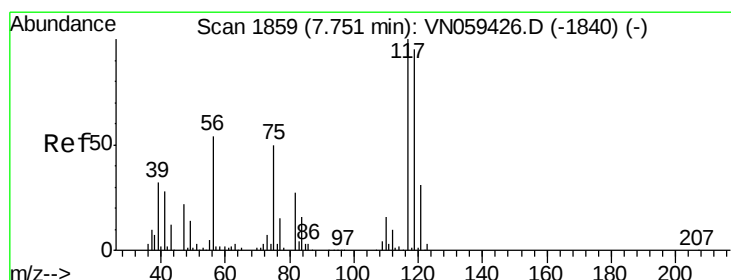
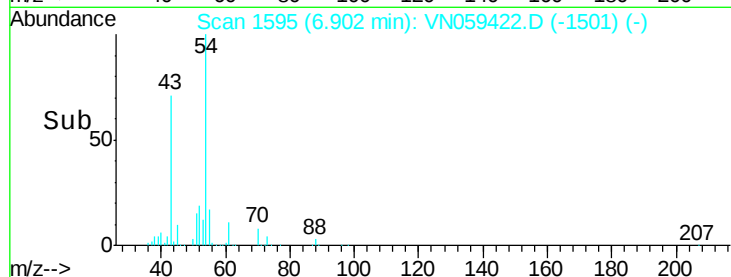
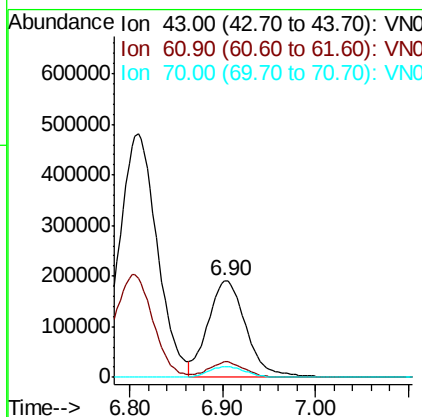
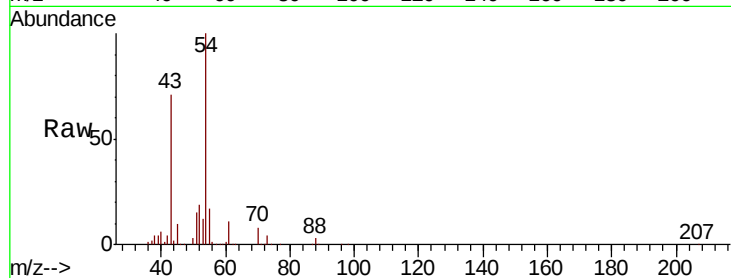
#37
Ethyl Acetate
Concen: 92.485 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.2
70	11.0	8.8	13.2

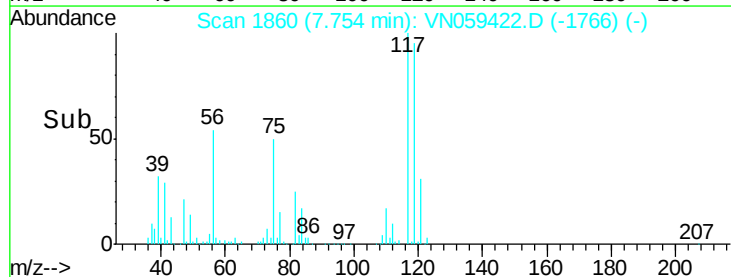
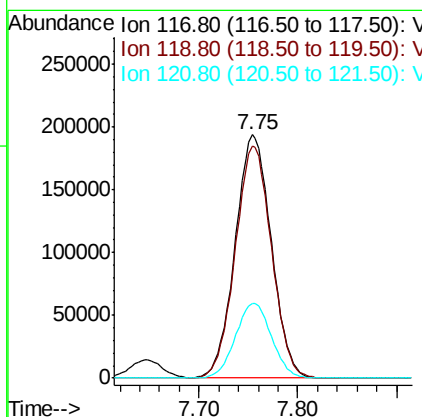
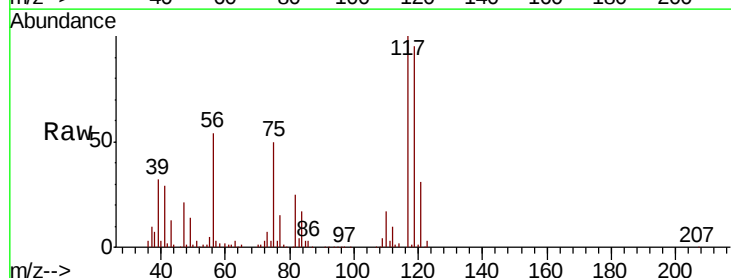
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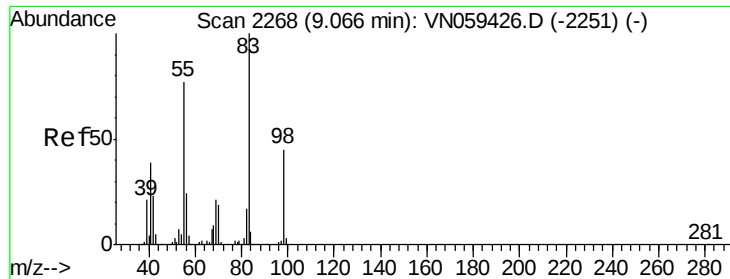
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#38
Carbon Tetrachloride
Concen: 94.443 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.9	113.9
121	30.8	24.6	36.8





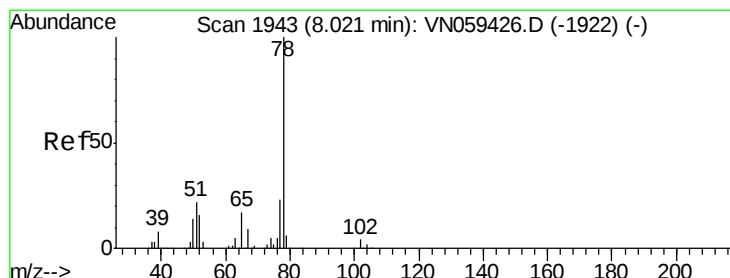
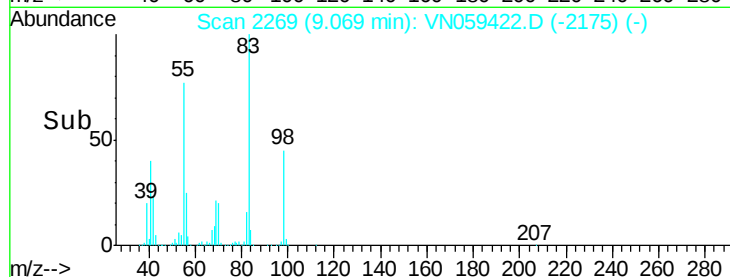
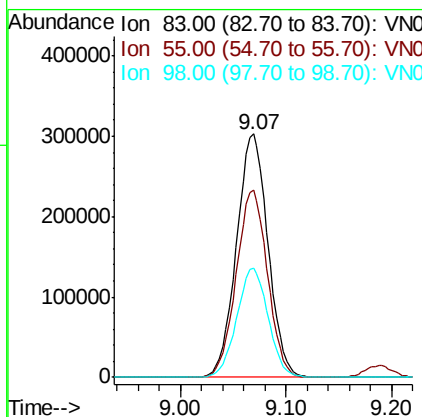
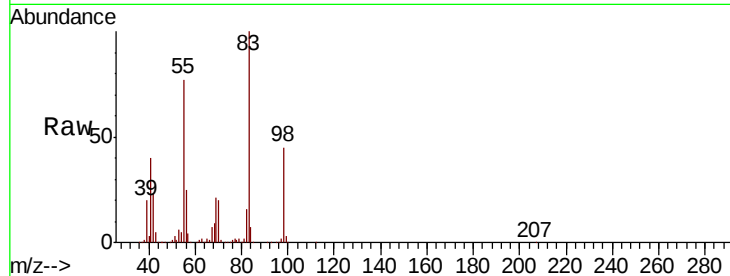
#39
Methvlcvclohexane
Concen: 94.936 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	61.6	92.4
98	45.0	35.7	53.5

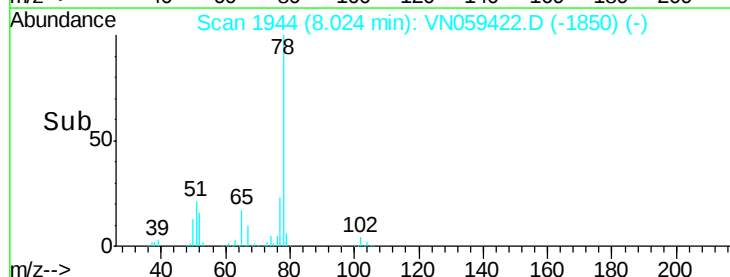
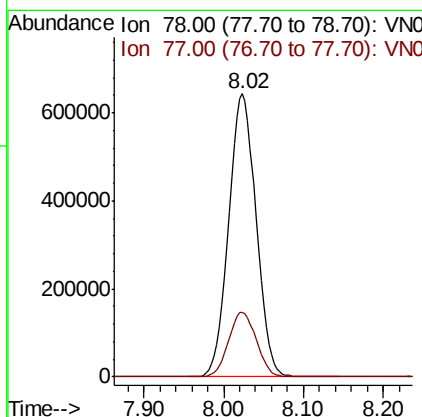
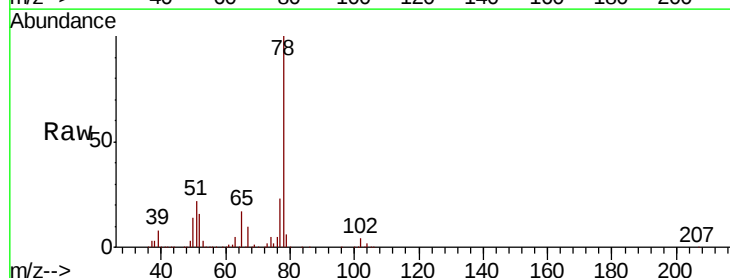
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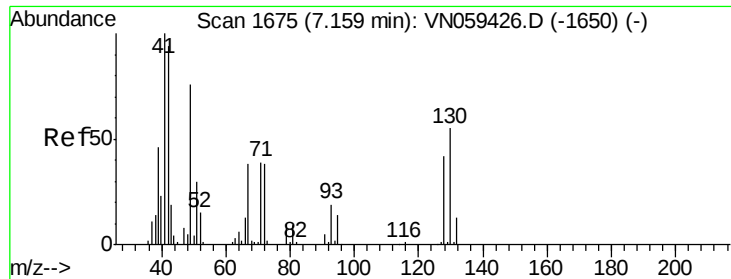
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#40
Benzene
Concen: 91.179 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5





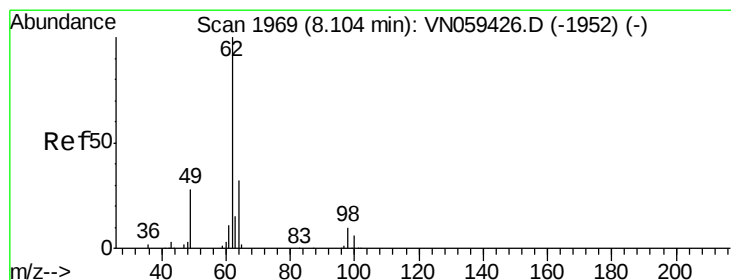
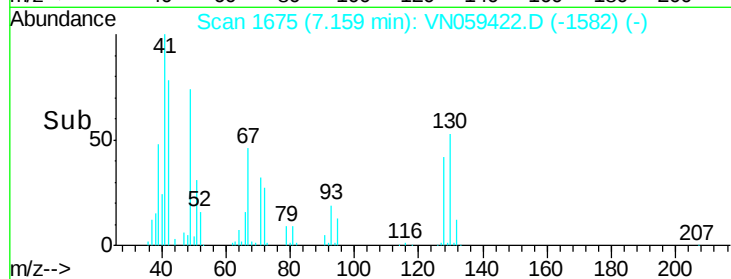
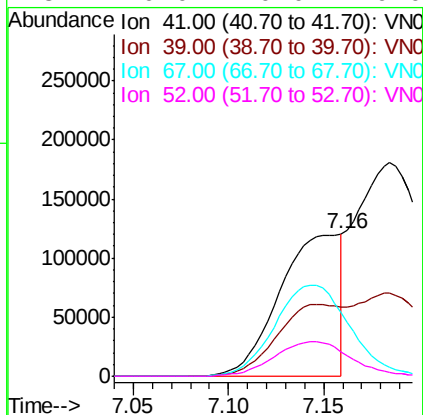
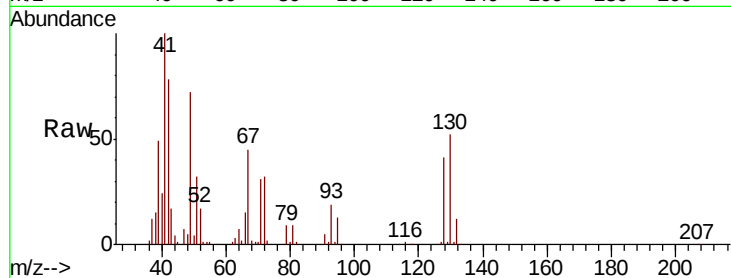
#41
Methacrylonitrile
Concen: 97.451 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
41	100	268871		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

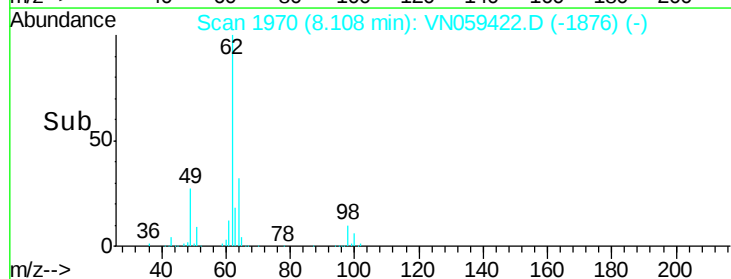
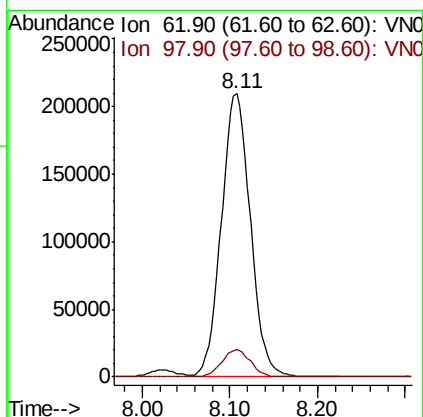
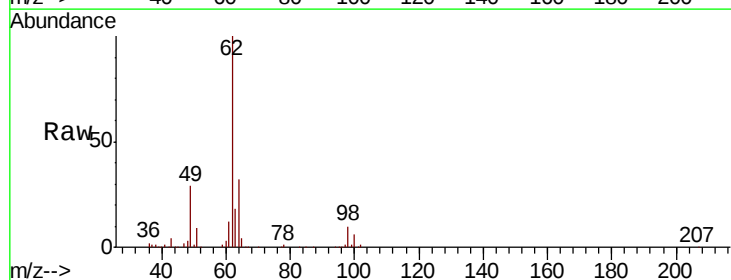
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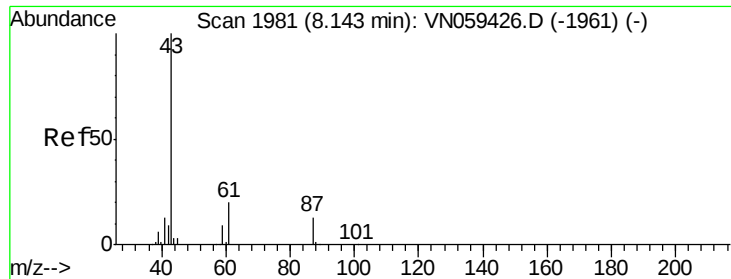
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#42
1,2-Dichloroethane
Concen: 92.627 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	481662		
98	9.5	0.0	0.0	19.0





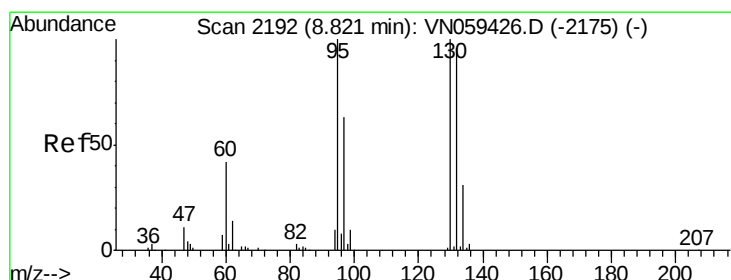
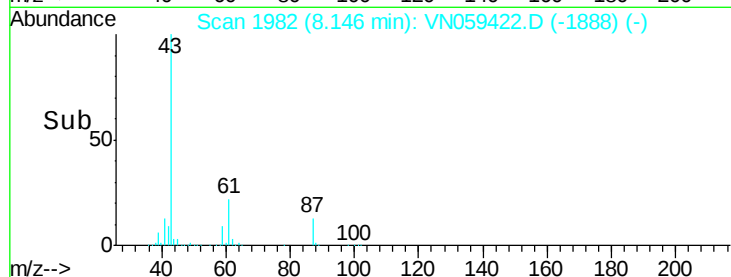
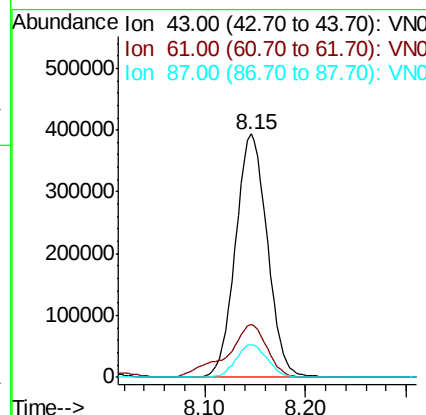
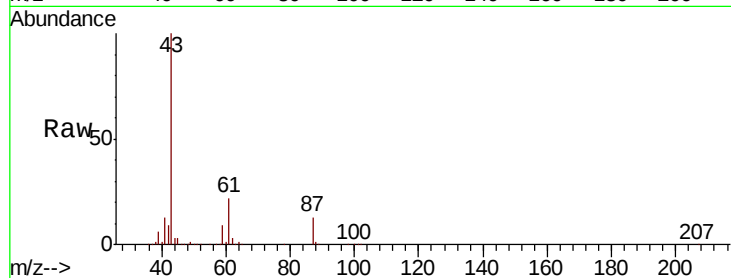
#43
Isopropyl Acetate
Concen: 96.684 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	43	61	87
Resp	858298		
Ratio	100	27.6	13.4
Lower		22.2	10.7
Upper		33.2	16.1

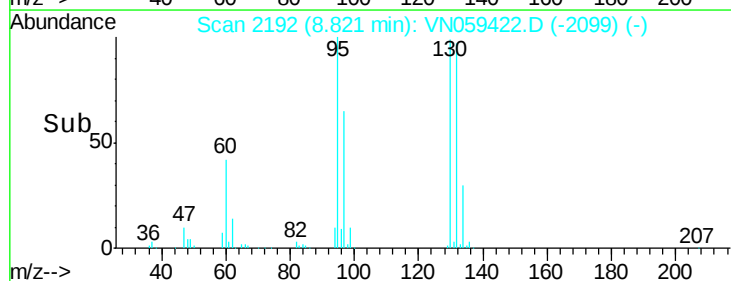
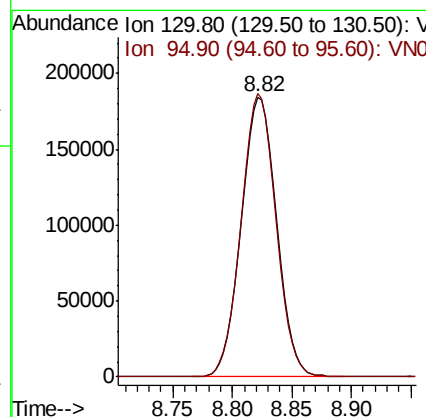
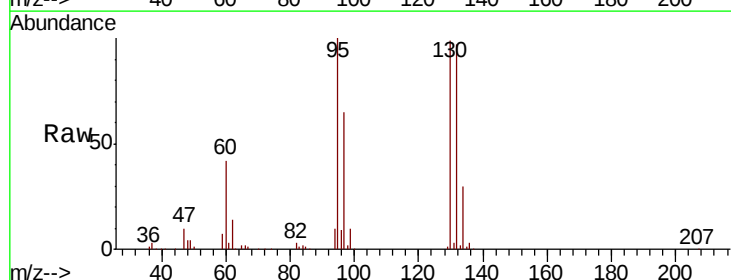
Manual Integrations
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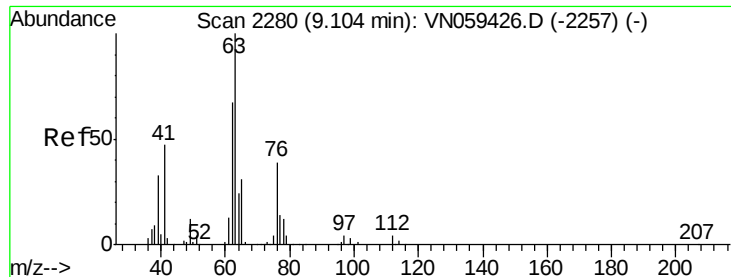
apatel
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#44
Trichloroethene
Concen: 90.968 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	130	95
Resp	380378	
Ratio	100	101.3
Lower		0.0
Upper		199.6





#45

1,2-Dichloropropane

Concen: 92.162 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 395326

Ion Ratio Lower Upper

63 100

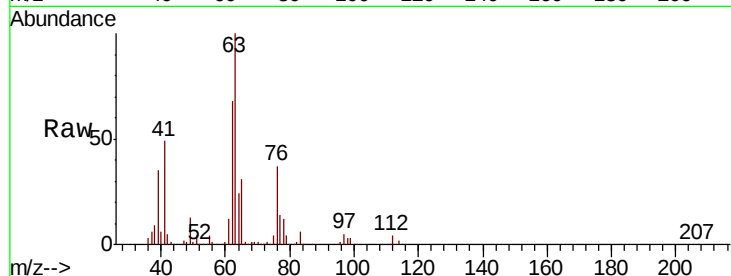
65 31.1 24.6 36.8

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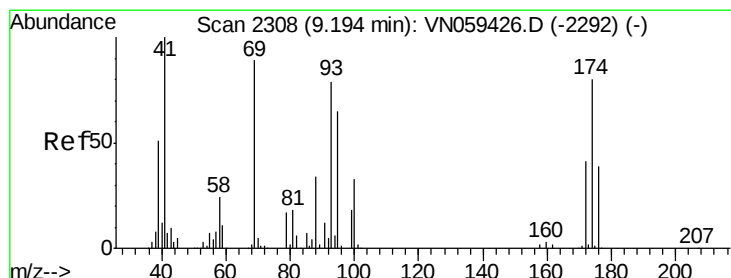
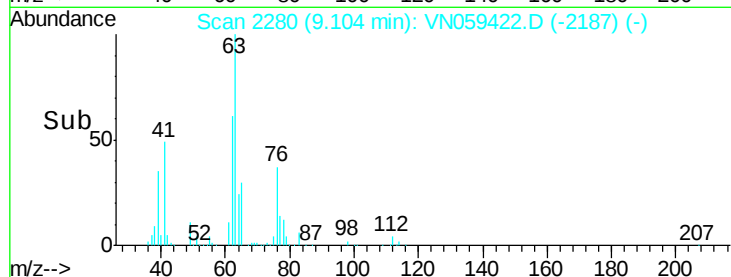
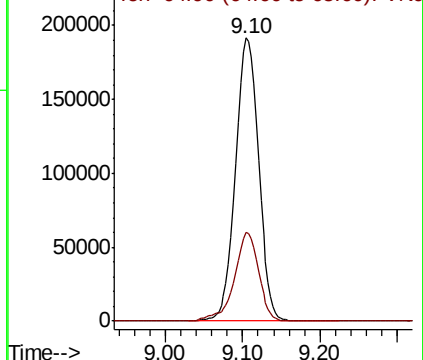
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 93.278 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

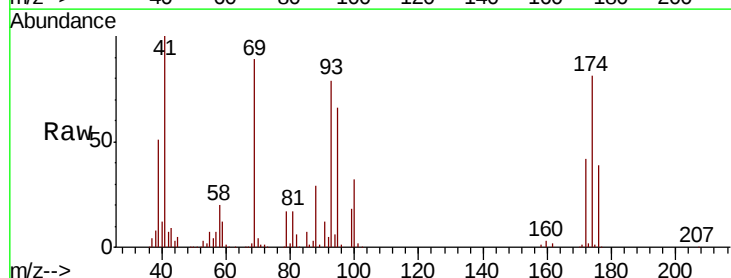
Tgt Ion: 93 Resp: 246916

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

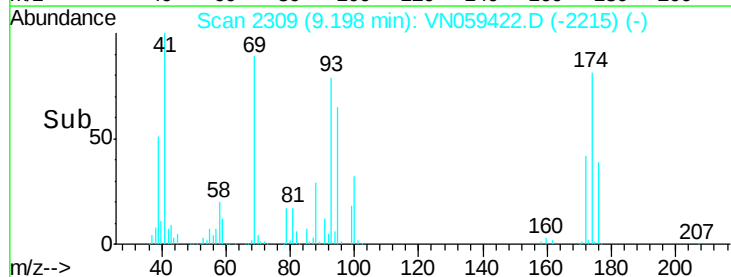
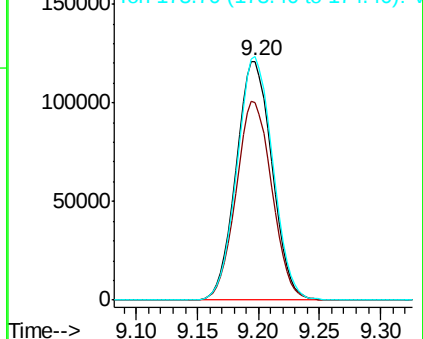
174 101.5 81.8 122.8

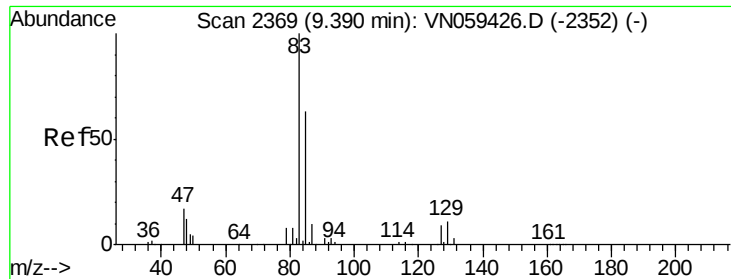


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 92.344 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

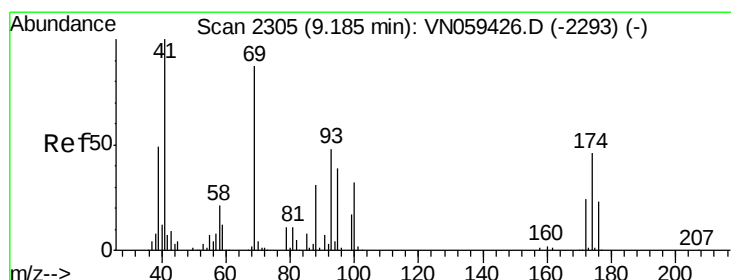
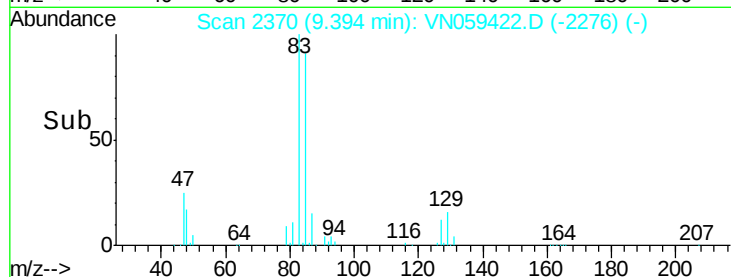
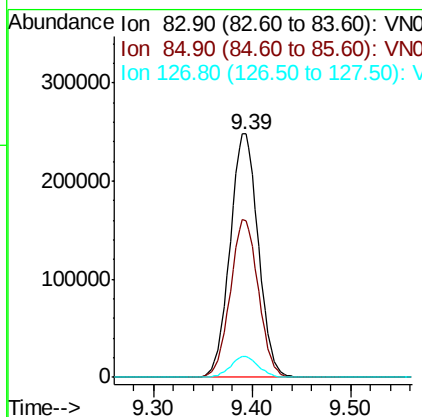
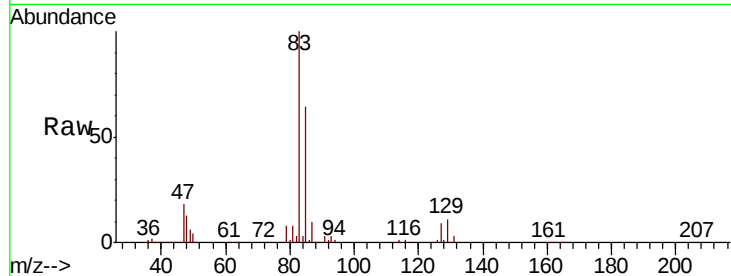
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	494401
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.6	75.8
127	8.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 98.159 ug/l

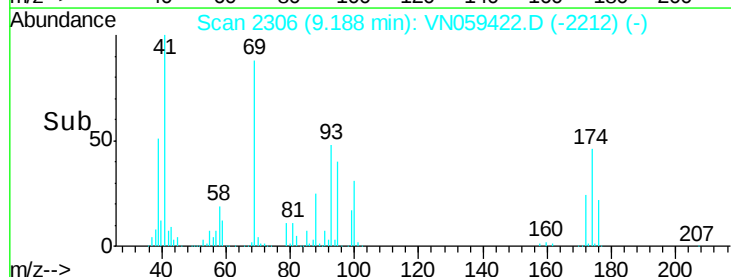
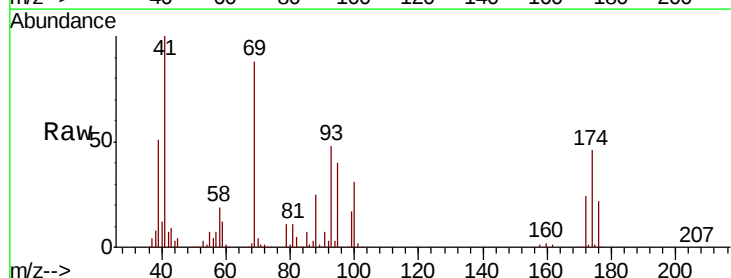
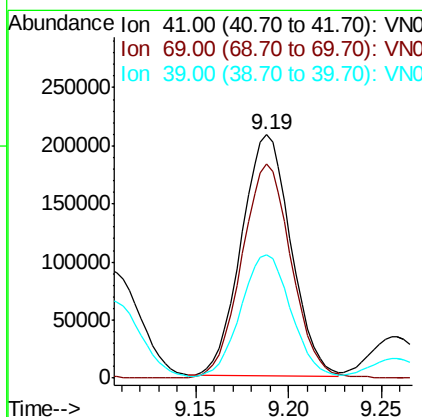
RT: 9.19 min Scan# 2306

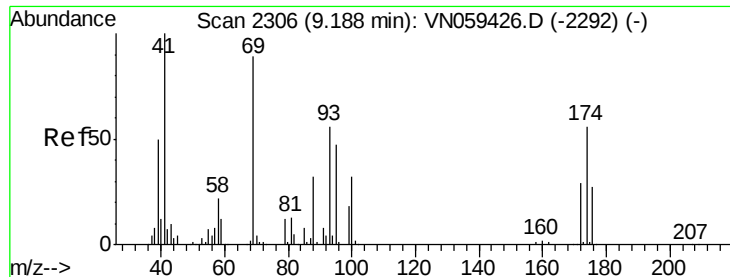
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	41	Resp:	386600
Ion Ratio	Lower	Upper	
41	100		
69	89.5	71.6	107.4
39	52.2	41.3	61.9





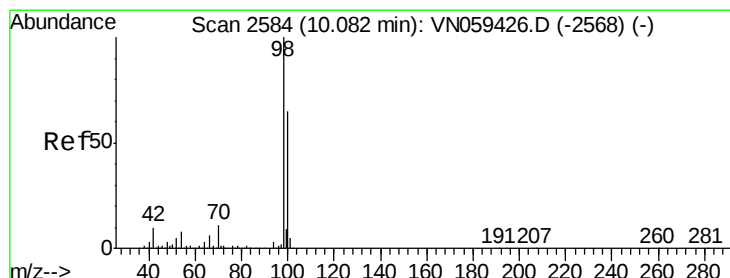
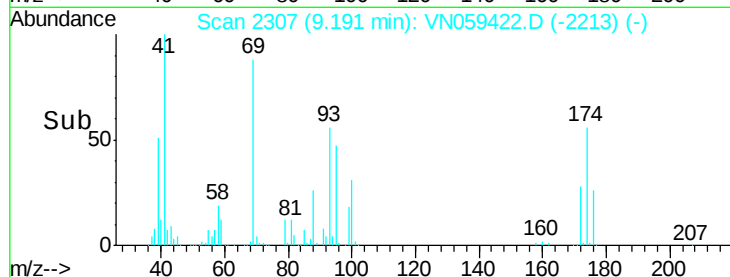
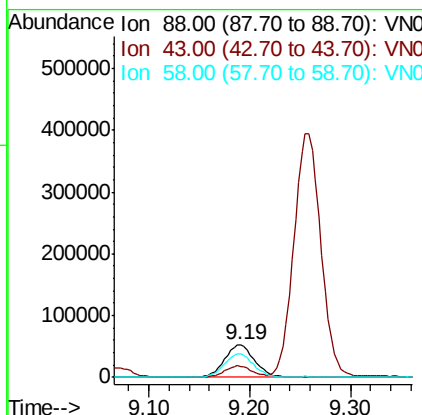
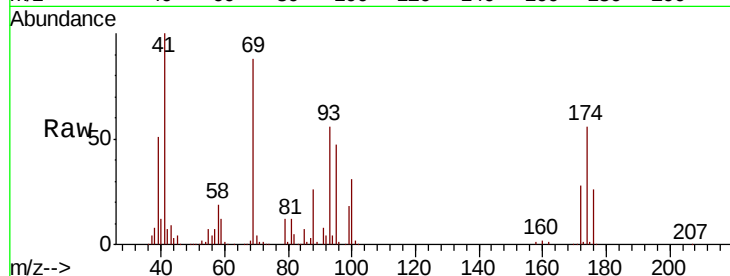
#49
1,4-Dioxane
Concen: 1908.480 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tot Ion	88	Resp	109779
Ion	Ratio	Lower	Upper
88	100		
43	31.9	23.7	35.5
58	72.0	56.3	84.5

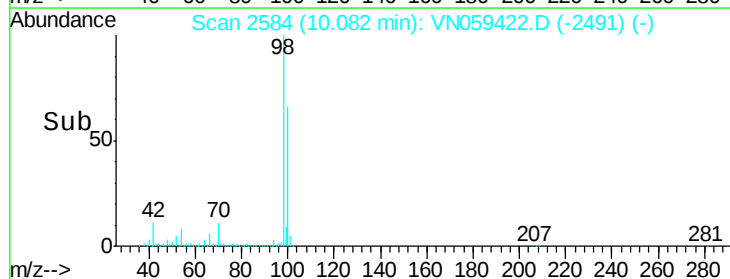
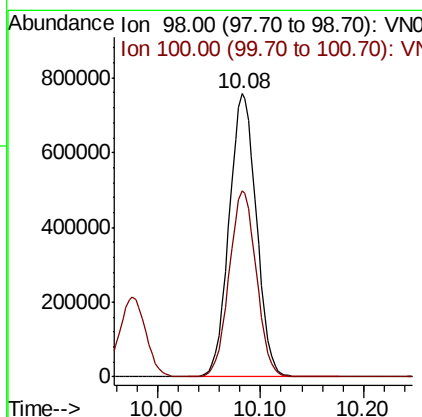
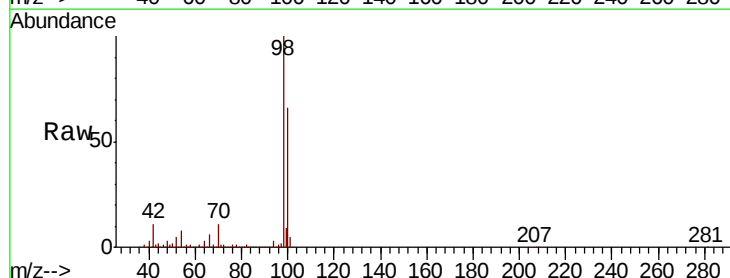
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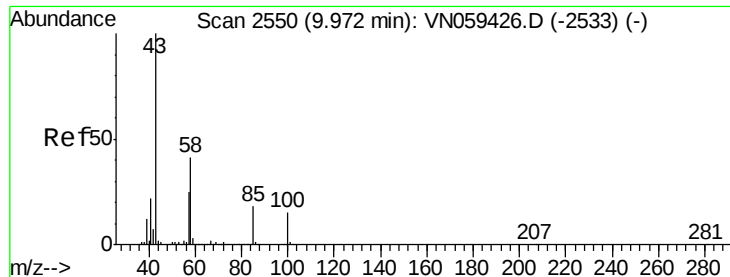
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#50
Toluene-d8
Concen: 99.938 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	98	Resp	1393087
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





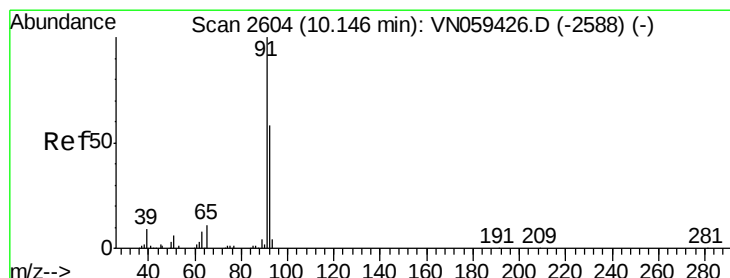
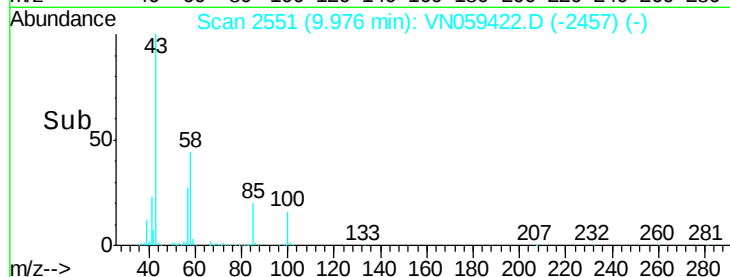
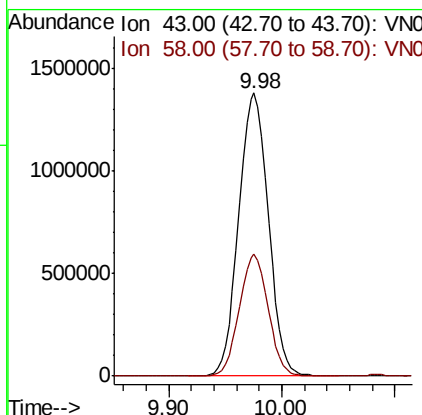
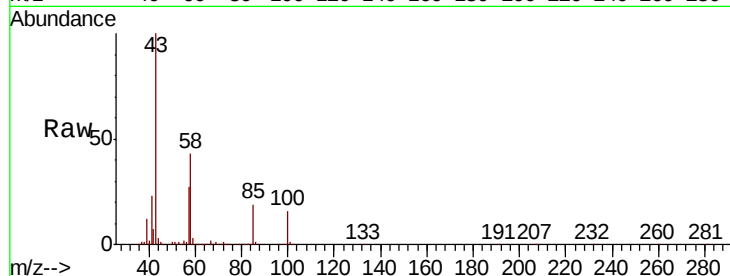
#51
 4-Methyl-2-Pentanone
 Concen: 490.637 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 2526392
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.5 48.7

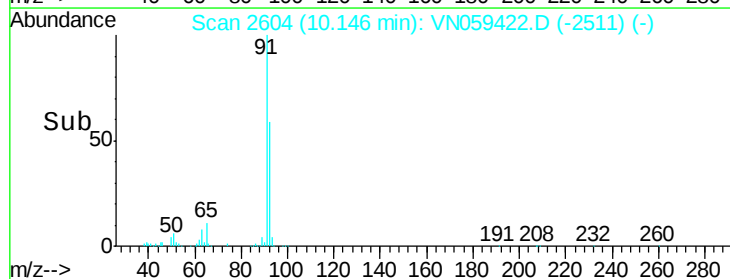
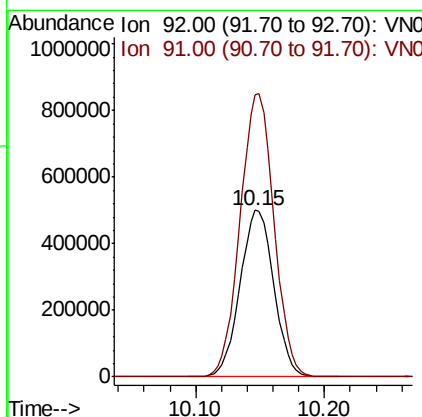
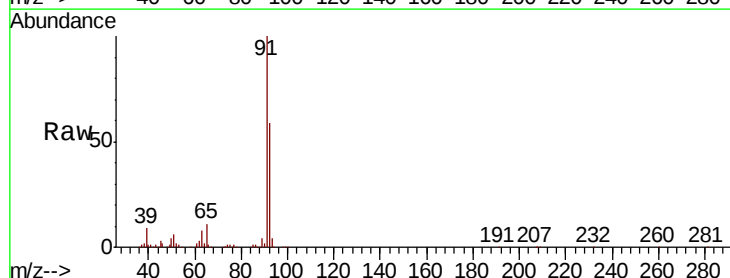
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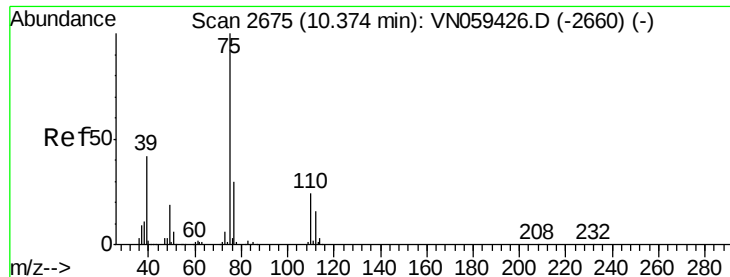
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#52
 Toluene
 Concen: 92.759 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion: 92 Resp: 908785
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 95.002 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 584451

Ion Ratio Lower Upper

75 100

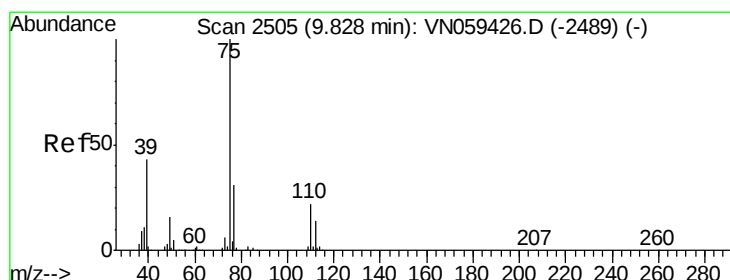
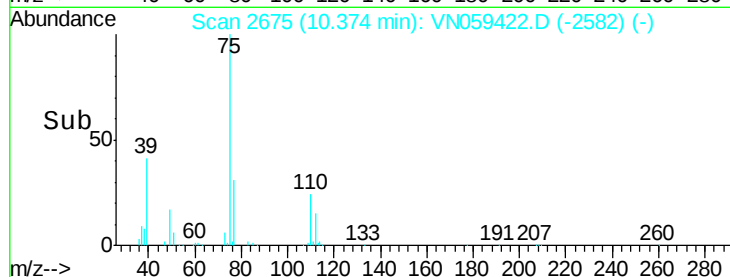
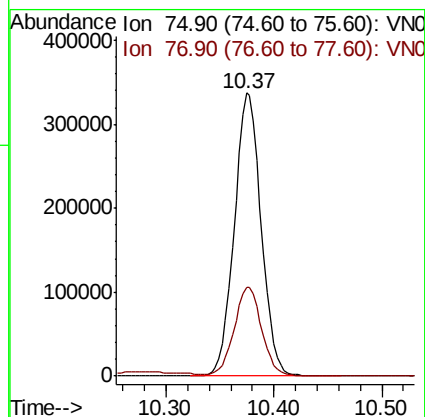
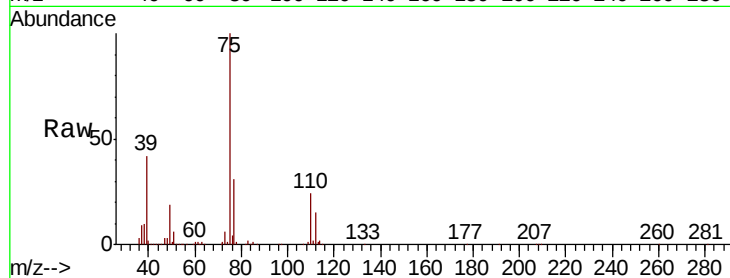
77 31.2 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 95.238 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

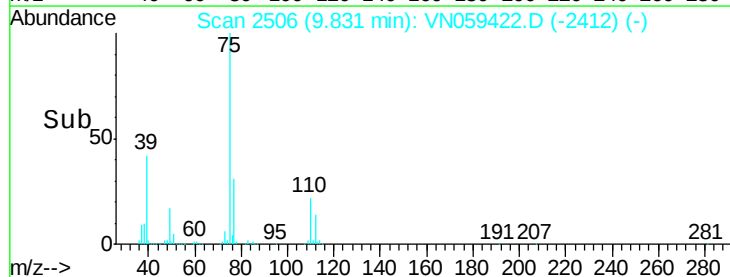
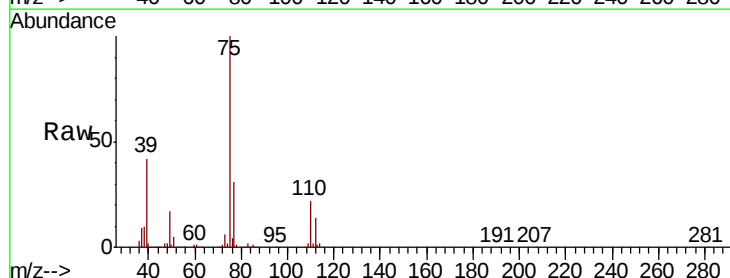
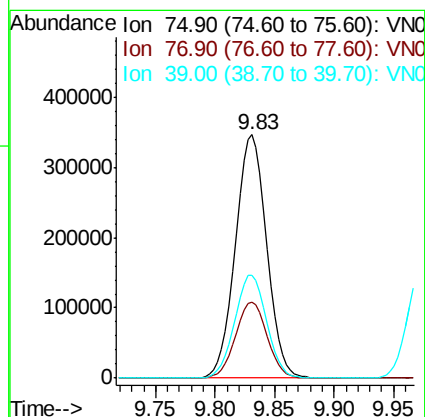
Tgt Ion: 75 Resp: 632480

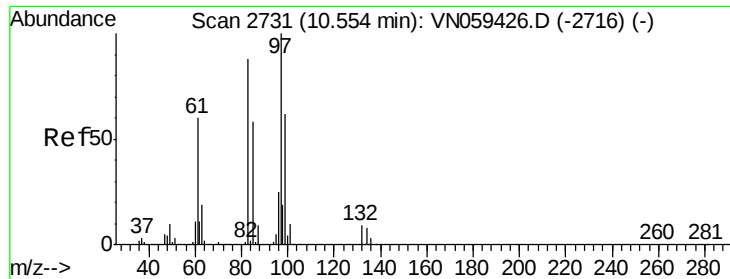
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 42.4 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 91.424 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

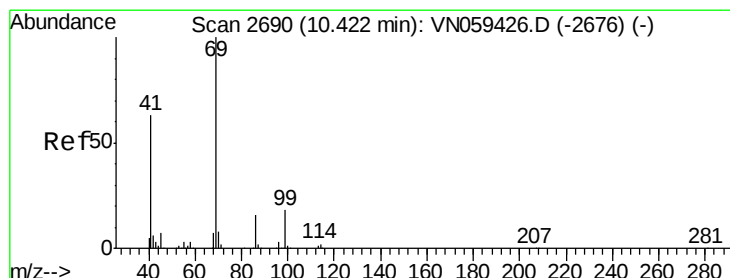
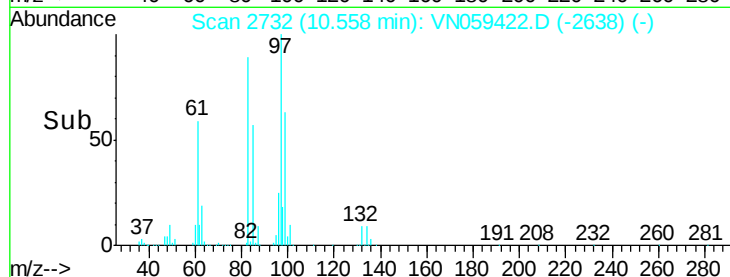
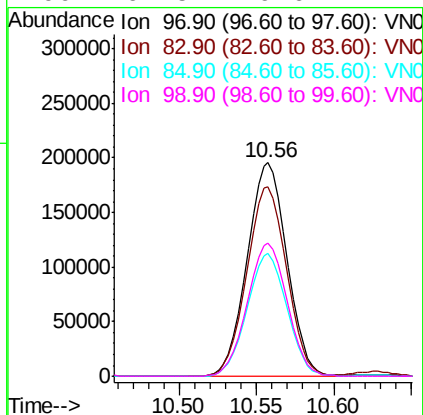
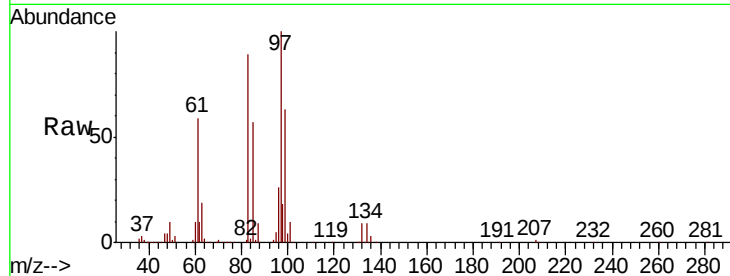
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	350589
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.7	106.1
85	57.5	46.4	69.6
99	62.5	49.6	74.4

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#56

Ethyl methacrylate

Concen: 102.560 ug/l

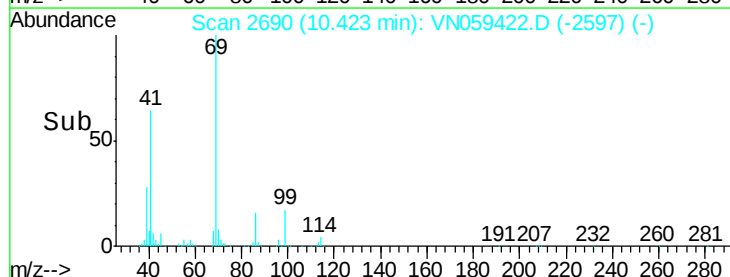
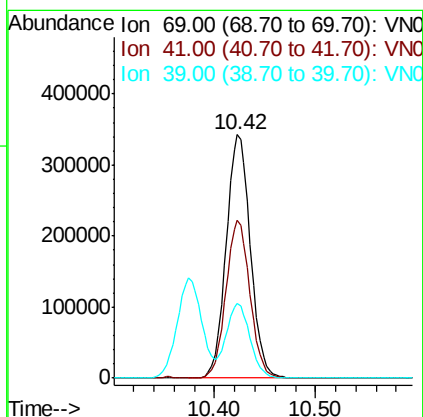
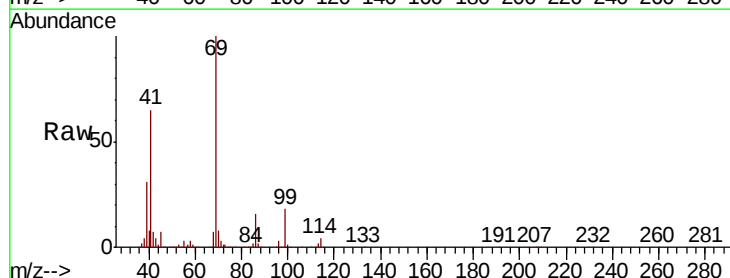
RT: 10.42 min Scan# 2690

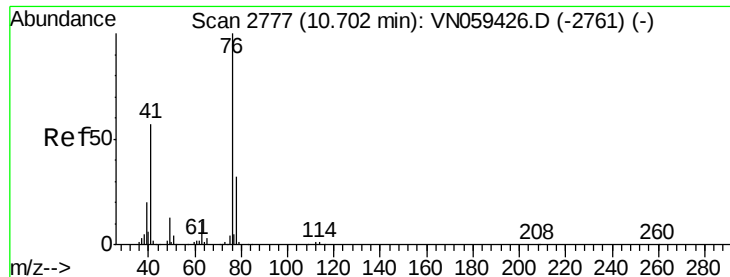
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	69	Resp:	573677
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.1	75.1
39	30.4	23.9	35.9





#57

1,3-Dichloropropane

Concen: 92.550 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 613404

Ion Ratio Lower Upper

76 100

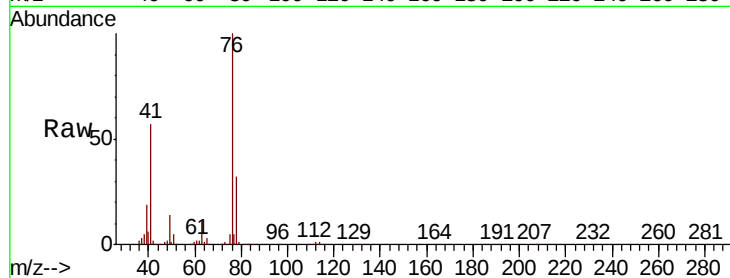
78 32.2 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VN059422.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN059422.D (-2684) (-)

10.70

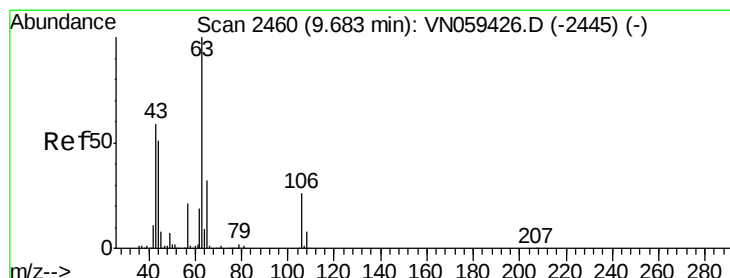
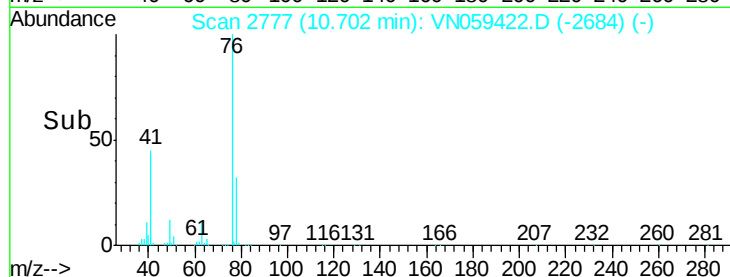
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 90.938 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059422.D

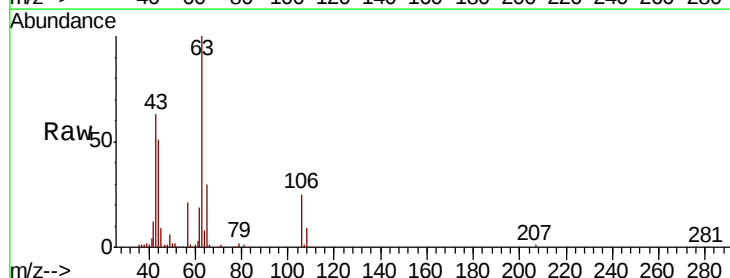
Acq: 27 Nov 2019 14:07

Tgt Ion: 63 Resp: 149417

Ion Ratio Lower Upper

63 100

106 25.5 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN059422.D (-2367) (-)

Ion 105.90 (105.60 to 106.60): VN059422.D (-2367) (-)

9.69

80000

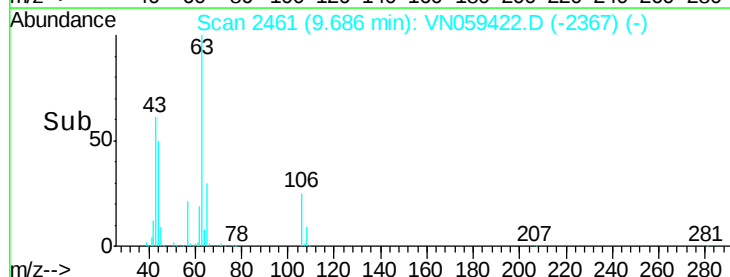
60000

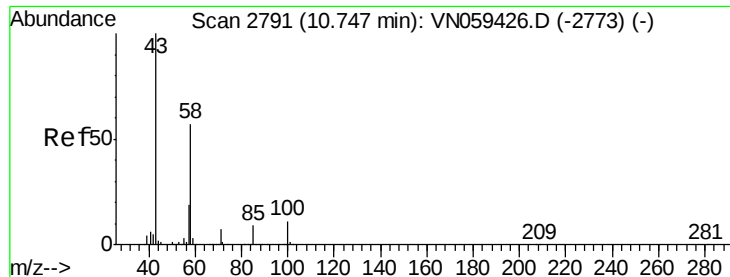
40000

20000

0

Time-->





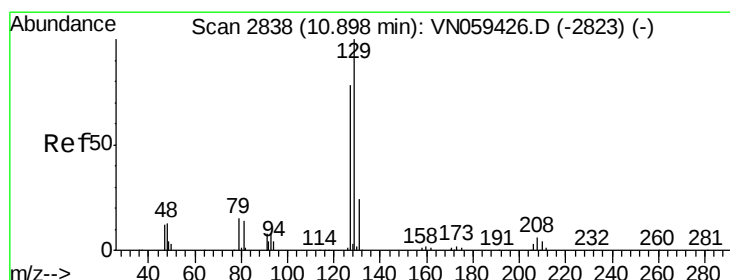
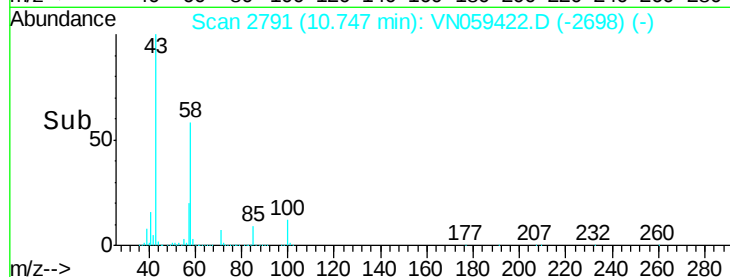
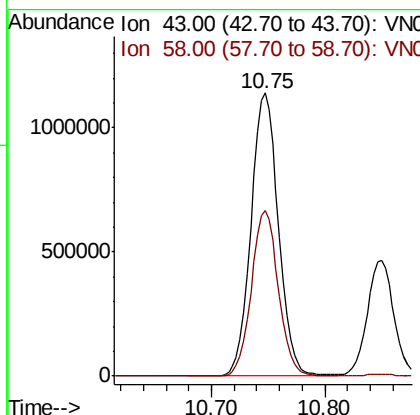
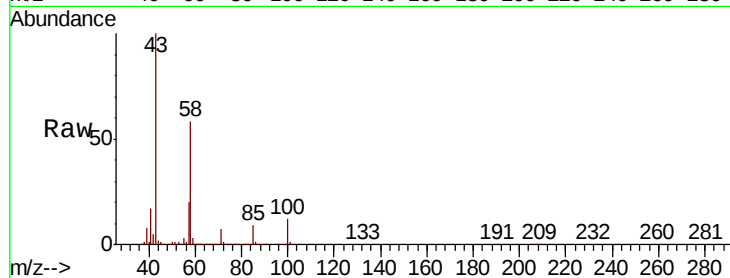
#59
2-Hexanone
Concen: 501.790 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 1915952
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0

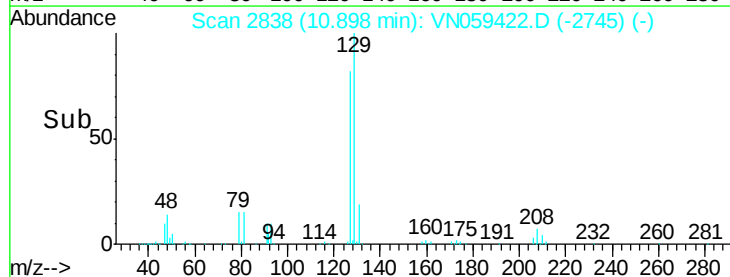
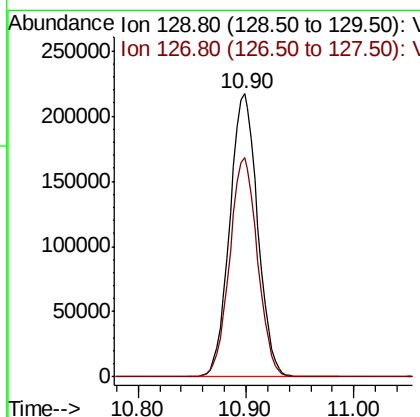
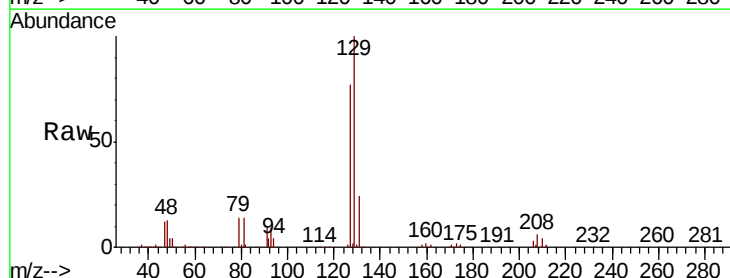
Manual Integrations
APPROVED

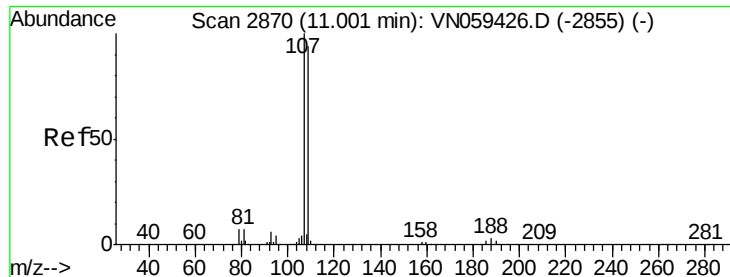
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#60
Dibromochloromethane
Concen: 97.331 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion: 129 Resp: 389606
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





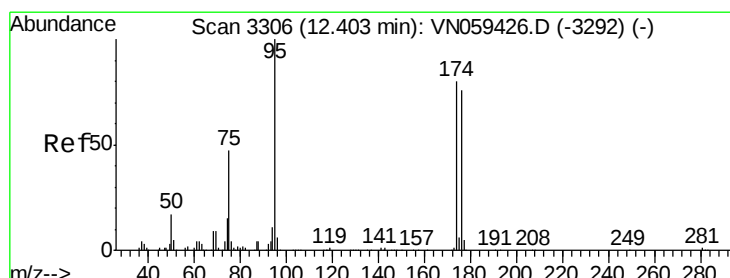
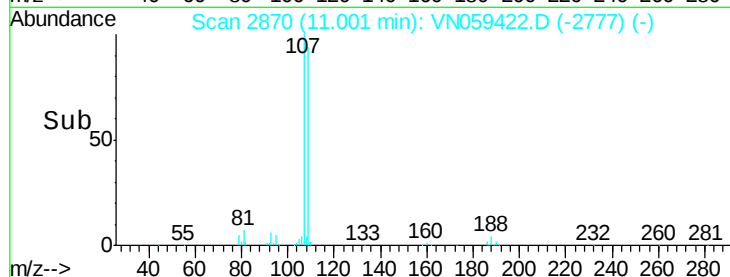
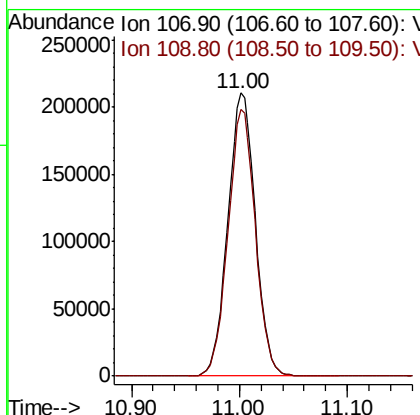
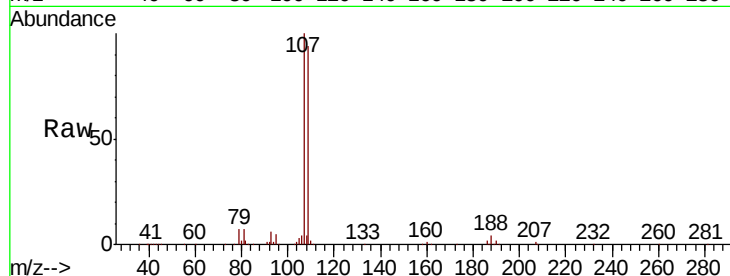
#61
 1,2-Dibromoethane
 Concen: 95.221 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.8	113.8

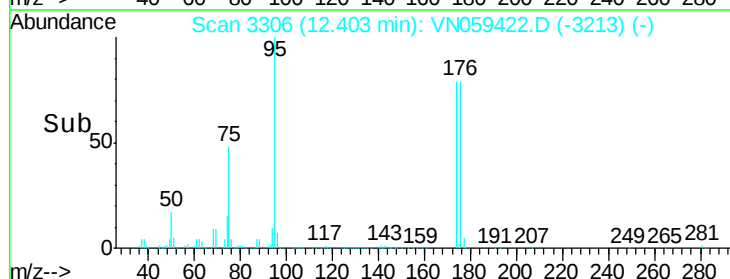
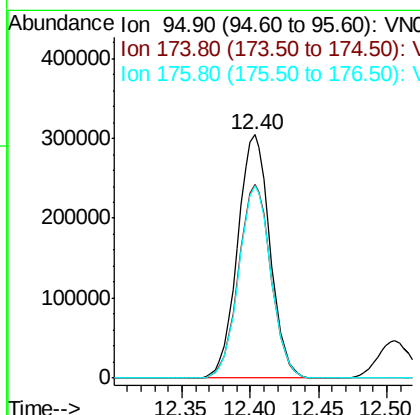
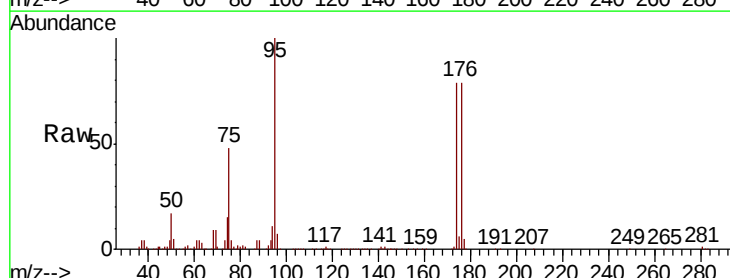
Manual Integrations
 APPROVED

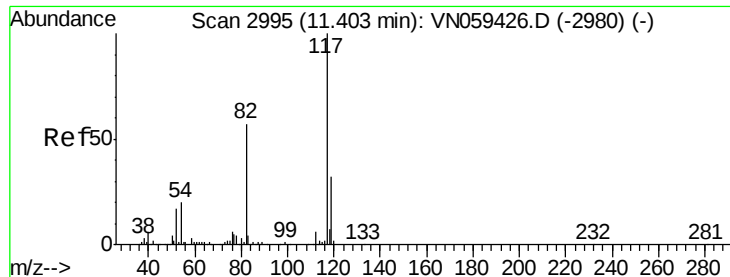
apatel
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#62
 4-Bromofluorobenzene
 Concen: 103.484 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	158.0
176	78.3	0.0	153.0





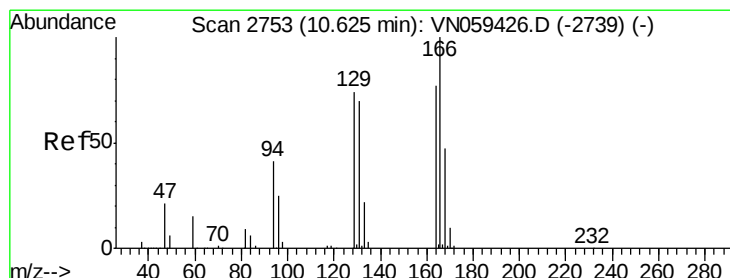
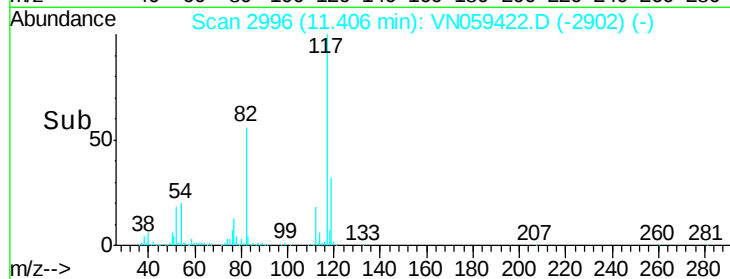
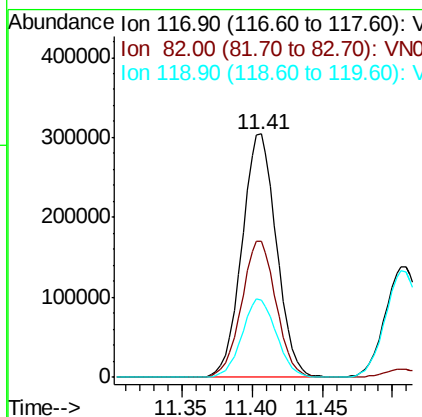
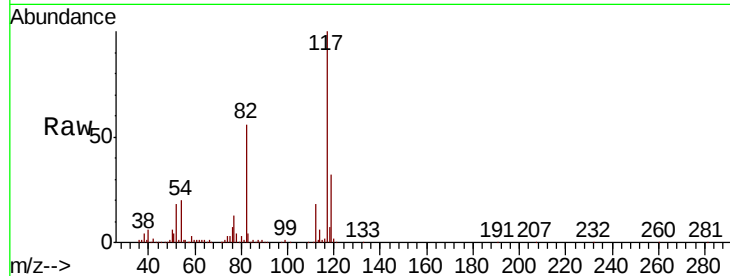
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.0
119	32.0	25.6	38.4

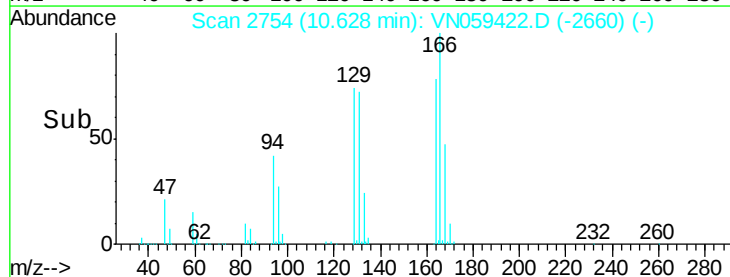
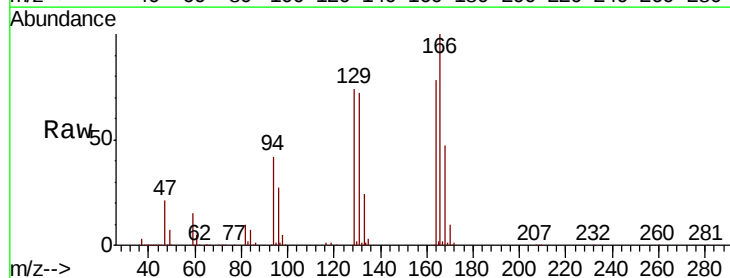
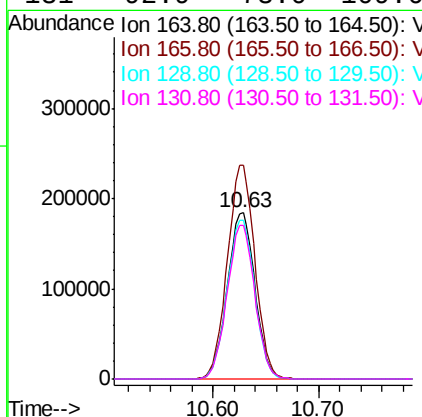
Manual Integrations
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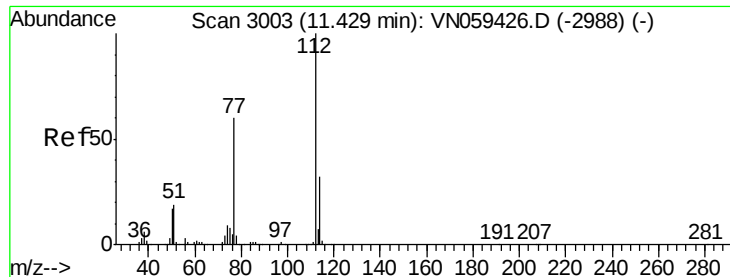
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#64
Tetrachloroethene
Concen: 86.725 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.2	156.4
129	95.5	76.8	115.2
131	92.9	73.0	109.6





#65

Chlorobenzene

Concen: 89.250 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 942055

Ion Ratio Lower Upper

112 100

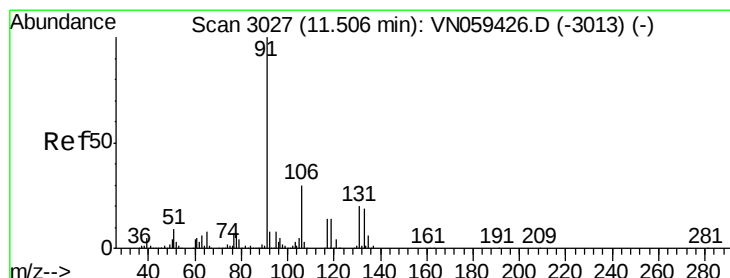
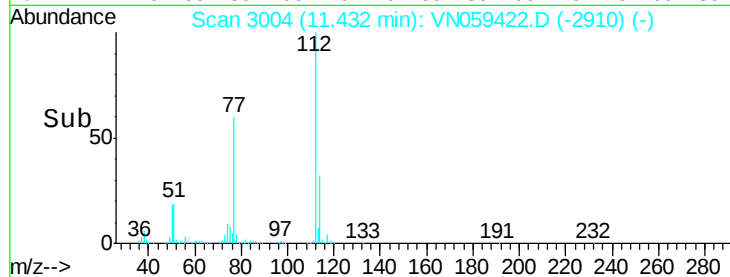
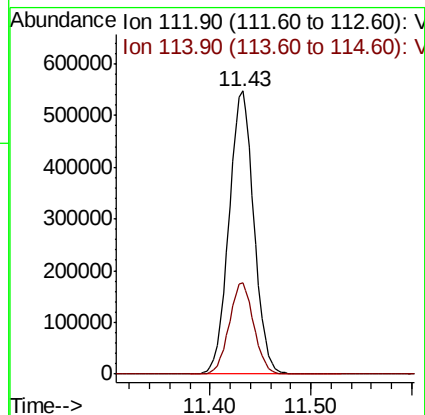
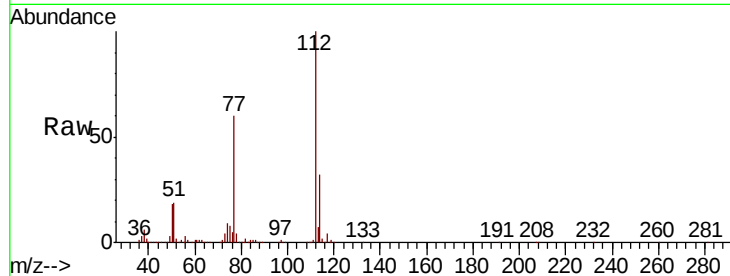
114 32.1 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 92.038 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

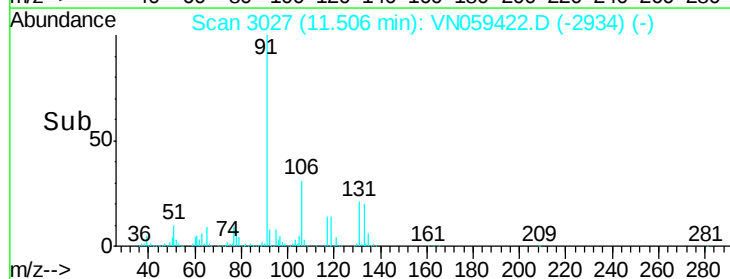
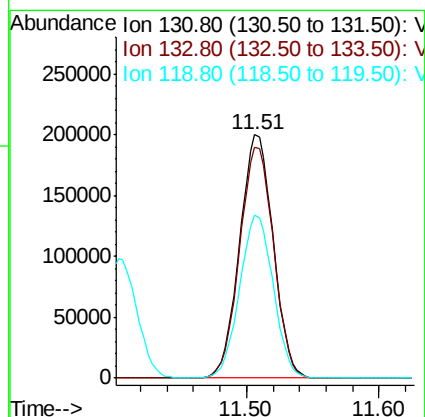
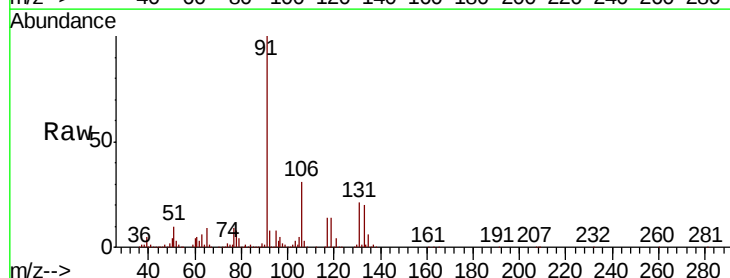
Tgt Ion:131 Resp: 352299

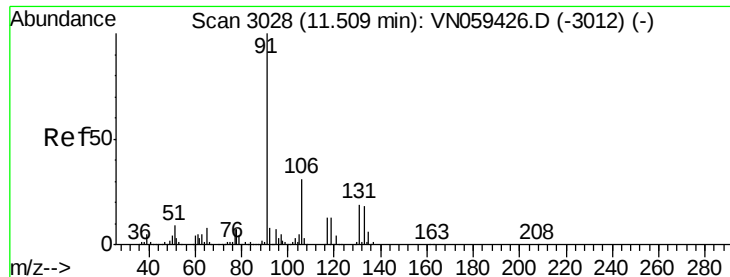
Ion Ratio Lower Upper

131 100

133 96.0 48.2 144.6

119 66.9 33.8 101.3





#67

Ethyl Benzene

Concen: 92.646 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1717646

Ion Ratio Lower Upper

91 100

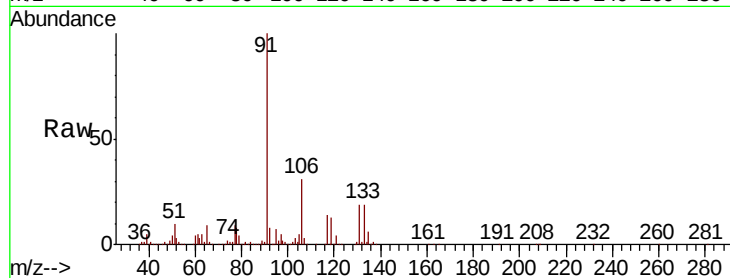
106 31.4 24.7 37.1

Manual Integrations

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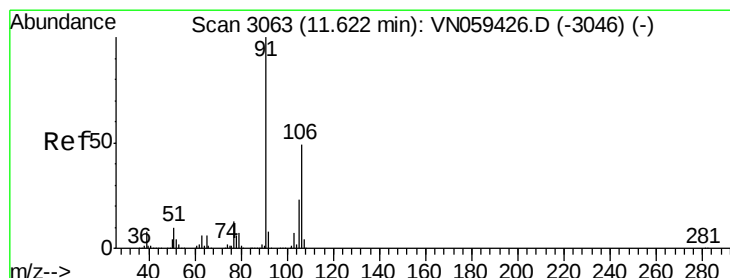
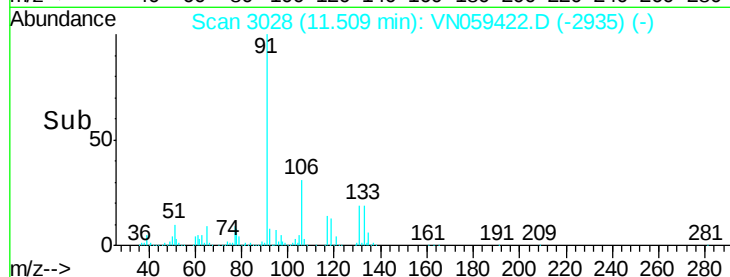
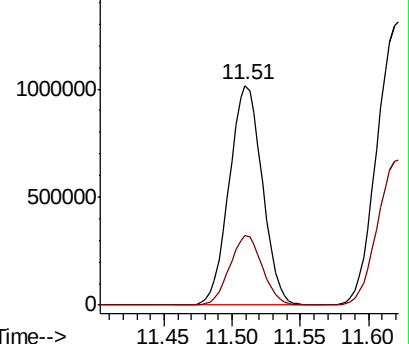
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Abundance Ion 91.00 (90.70 to 91.70): VN059422.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN059422.D (-2935) (-)



#68

m/p-Xylenes

Concen: 188.117 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059422.D

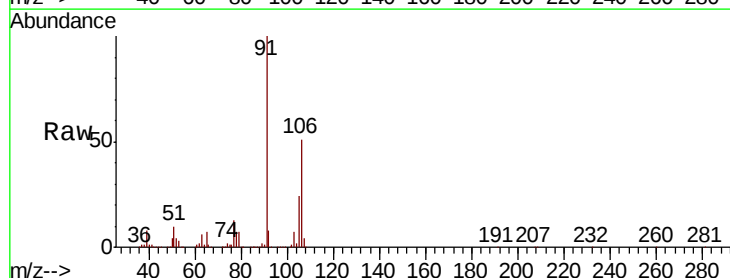
Acq: 27 Nov 2019 14:07

Tgt Ion: 106 Resp: 1302158

Ion Ratio Lower Upper

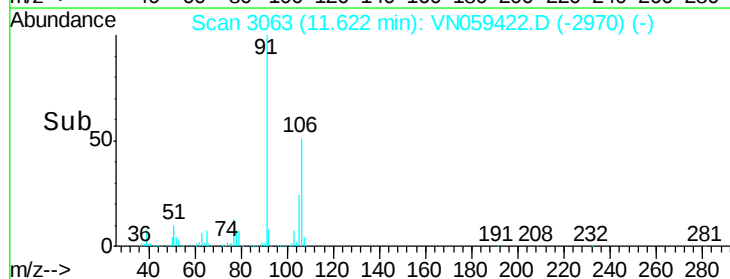
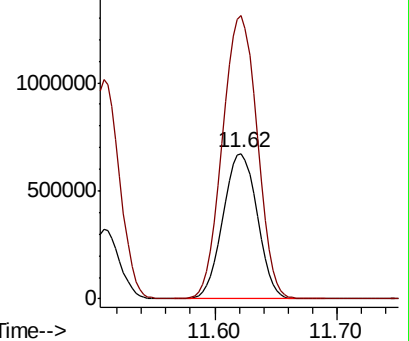
106 100

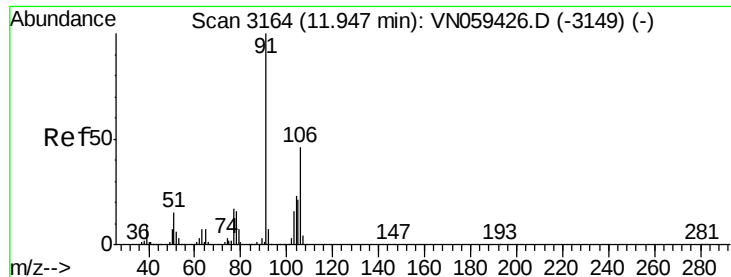
91 198.3 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): VN059422.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN059422.D (-2970) (-)





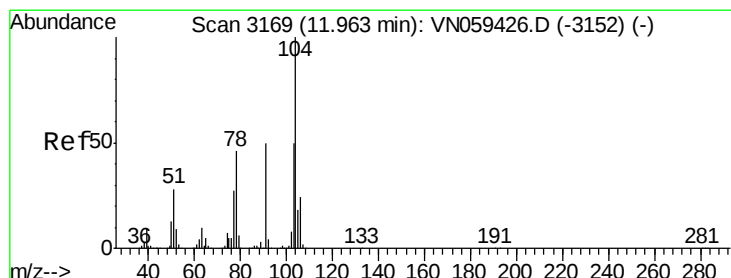
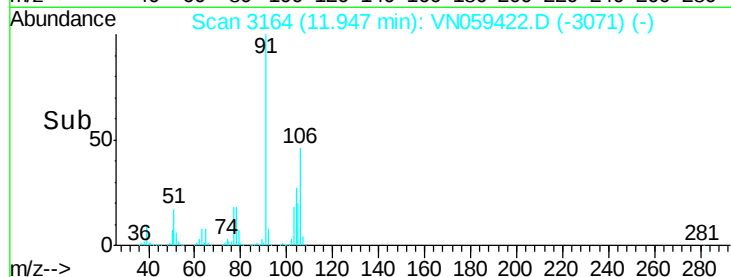
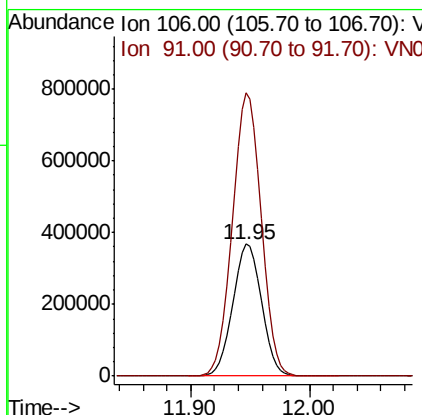
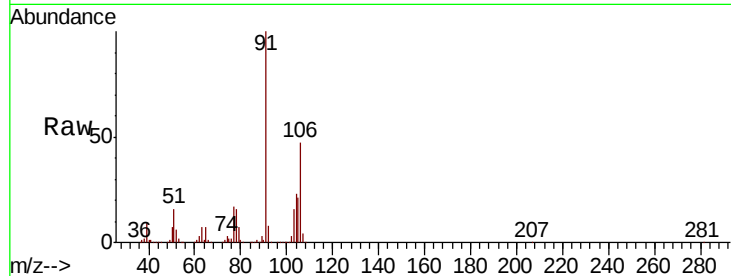
#69
o-Xylene
Concen: 93.131 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.9	107.5	322.4	

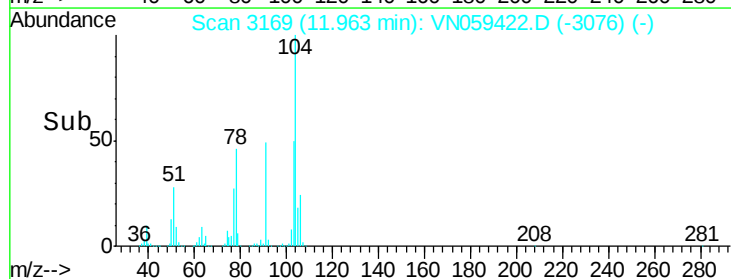
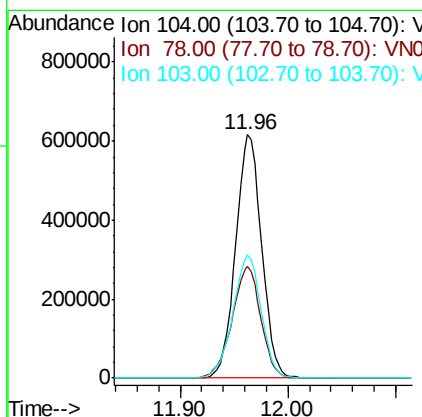
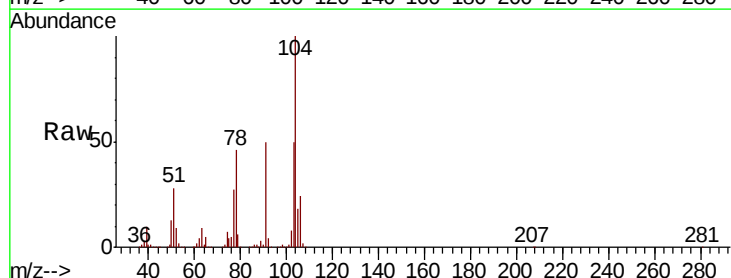
Manual Integrations
APPROVED

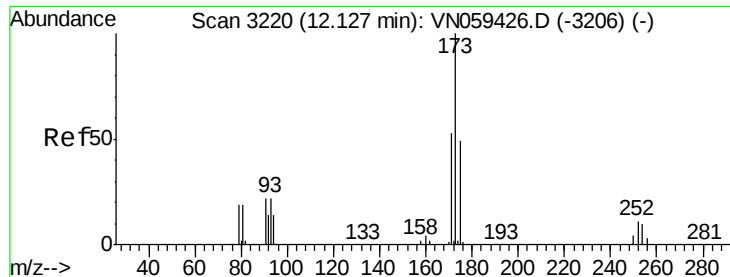
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#70
Styrene
Concen: 99.037 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.3	40.4	60.6	
103	54.8	43.8	65.6	





#71

Bromoform

Concen: 99.397 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

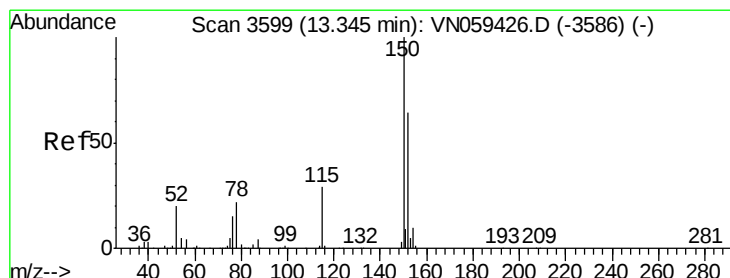
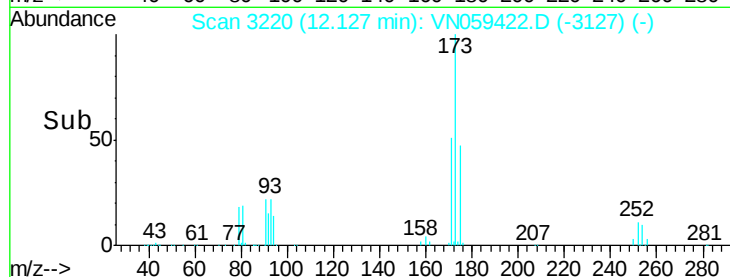
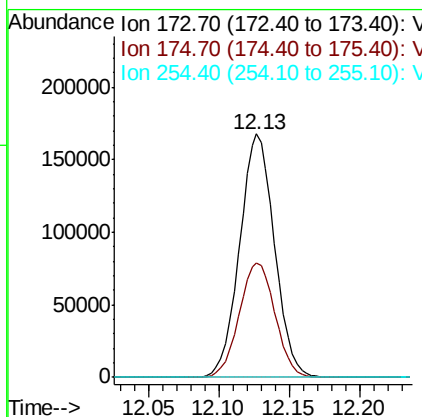
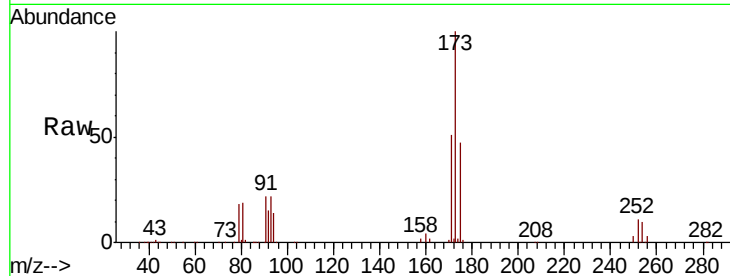
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.3
254	0.1	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

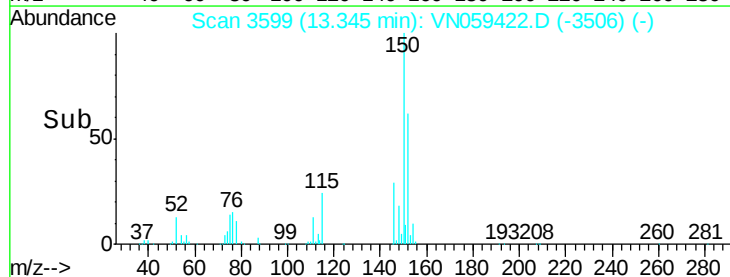
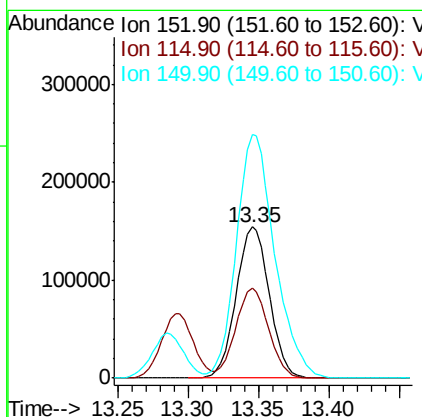
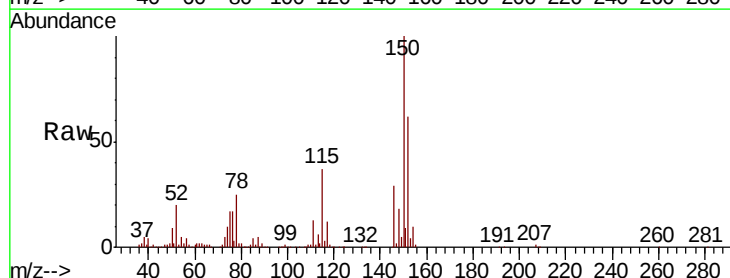
RT: 13.35 min Scan# 3599

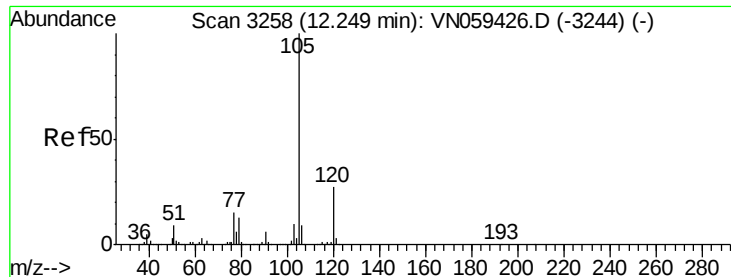
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.5	88.6
150	186.3	0.0	347.2





#73

Isopropylbenzene

Concen: 87.626 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1651229

Ion Ratio Lower Upper

105 100

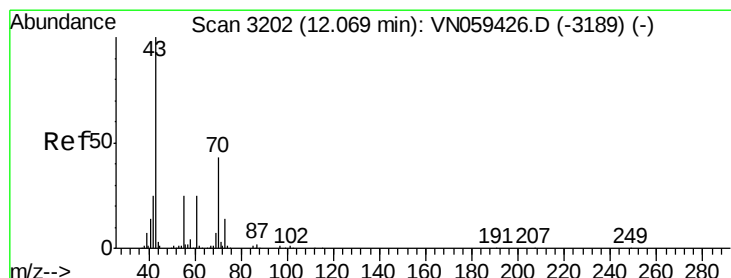
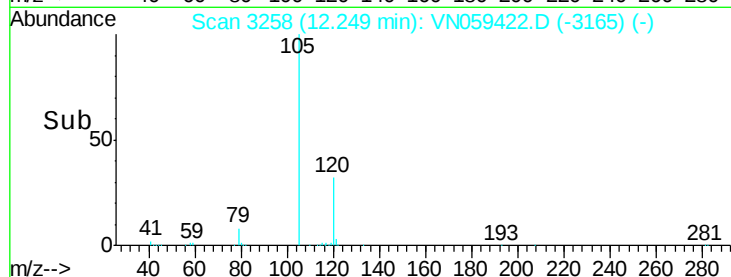
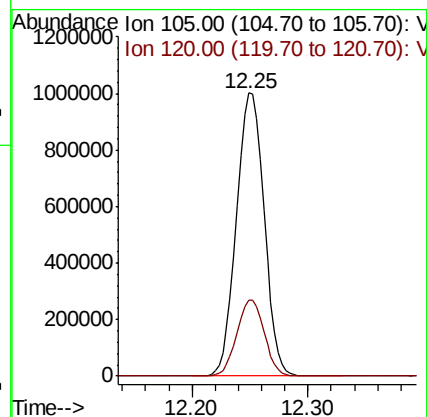
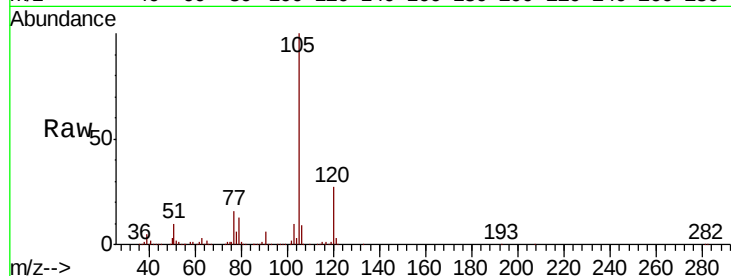
120 26.5 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 99.605 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion: 43 Resp: 705853

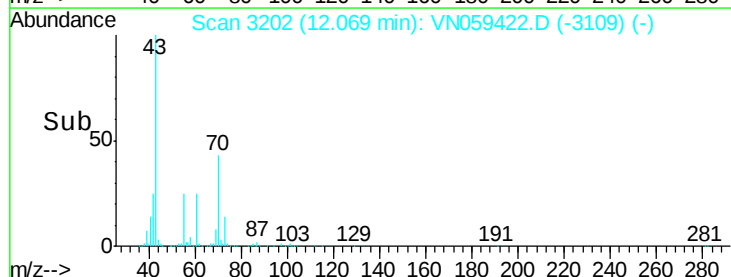
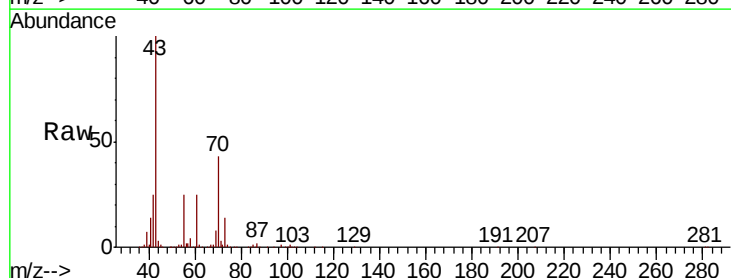
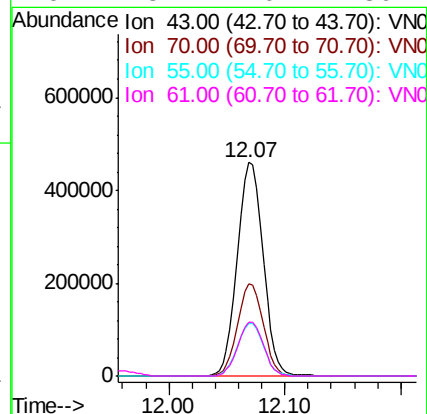
Ion Ratio Lower Upper

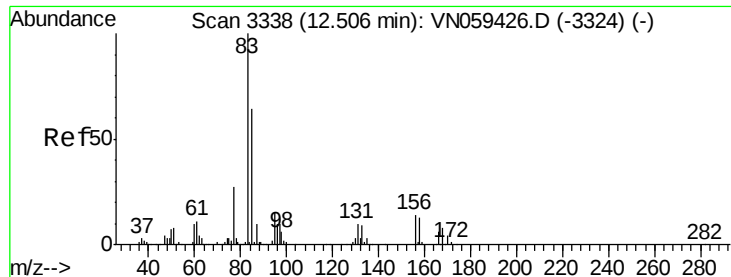
43 100

70 43.2 34.6 52.0

55 25.0 20.5 30.7

61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 87.233 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

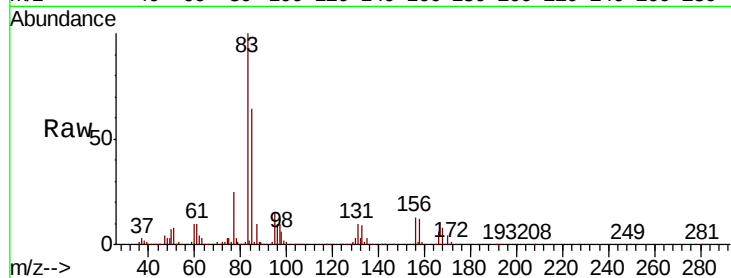
ClientSampled :

VSTDIC100

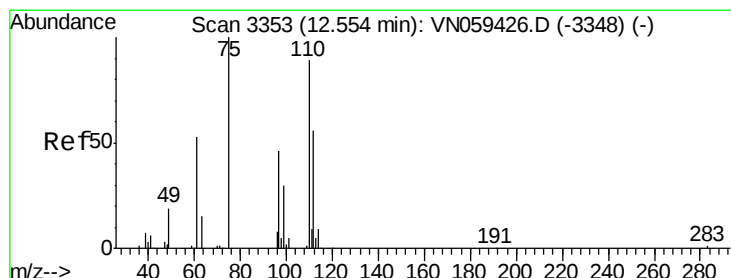
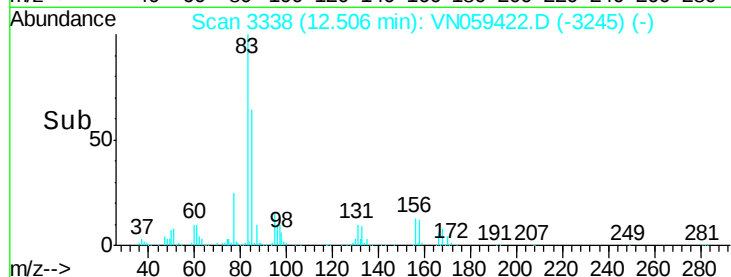
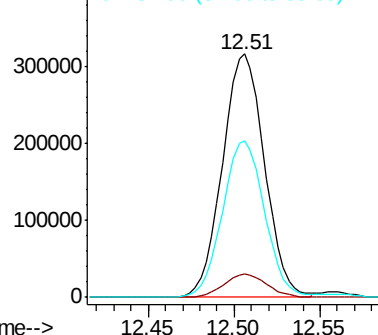
Tot Ion:	83	Resp:	536064
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.1	32.3	96.9

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 83.653 ug/l m

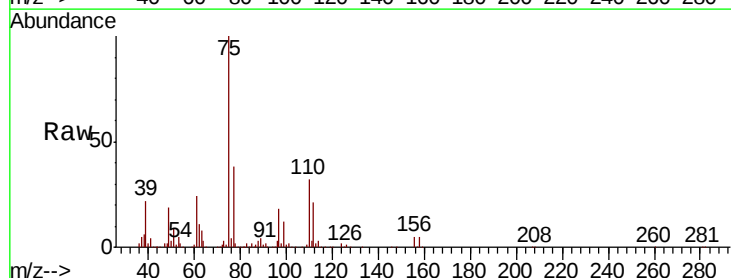
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

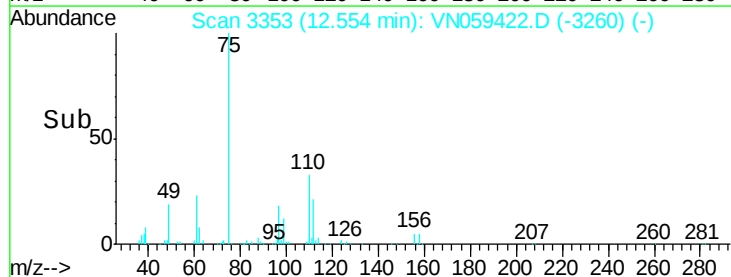
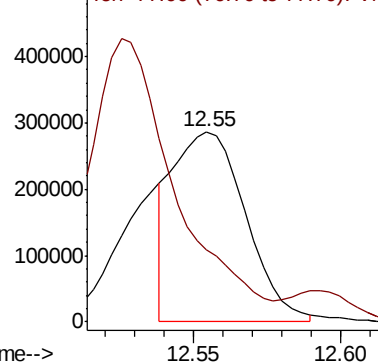
Lab File: VN059422.D

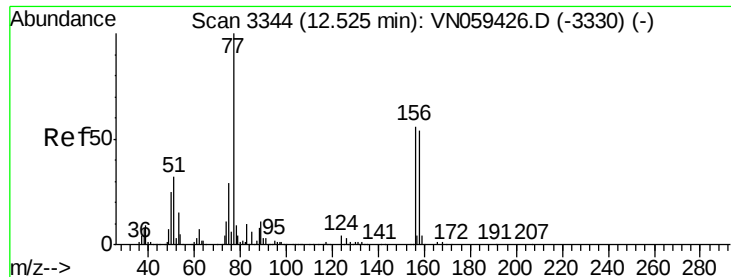
Acq: 27 Nov 2019 14:07

Tgt Ion:	75	Resp:	491547
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 86.910 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

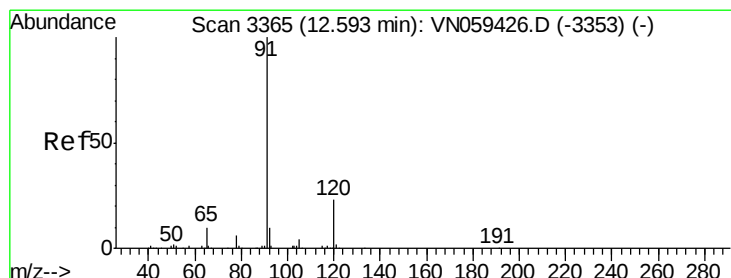
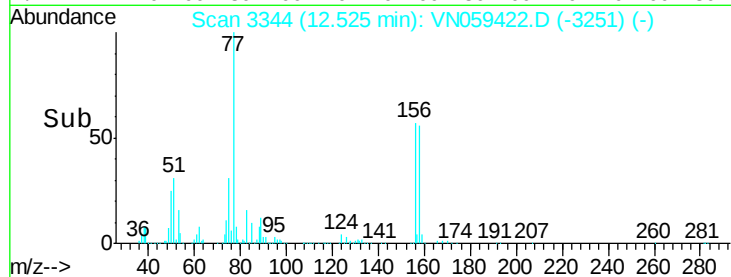
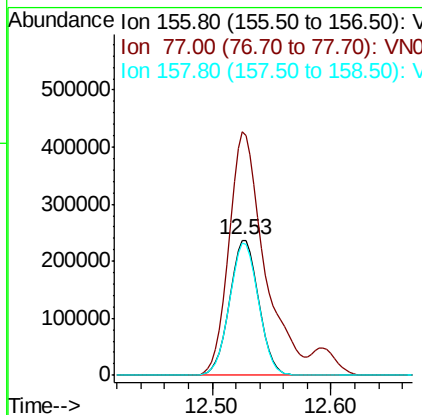
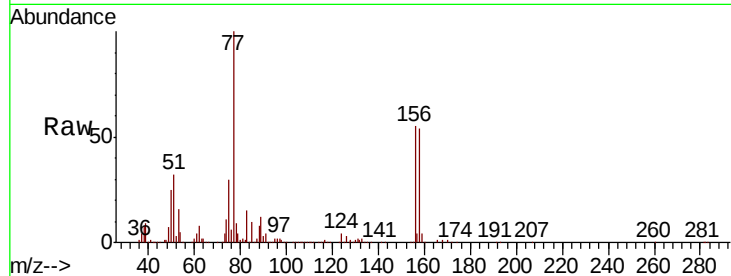
ClientSampled :

VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	218.7	108.7	326.3	
158	98.1	48.3	144.9	

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#78

n-propylbenzene

Concen: 89.525 ug/l

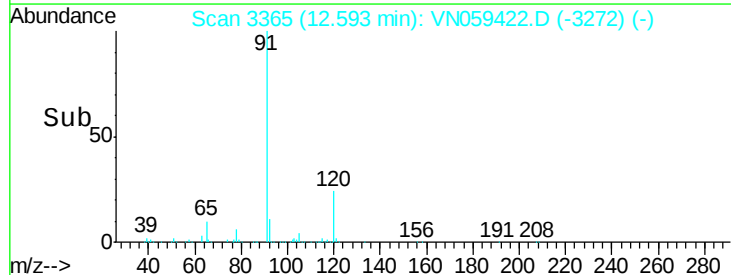
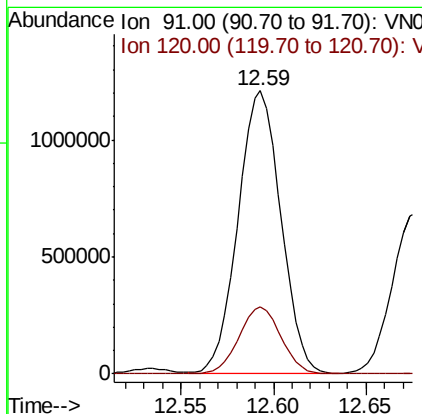
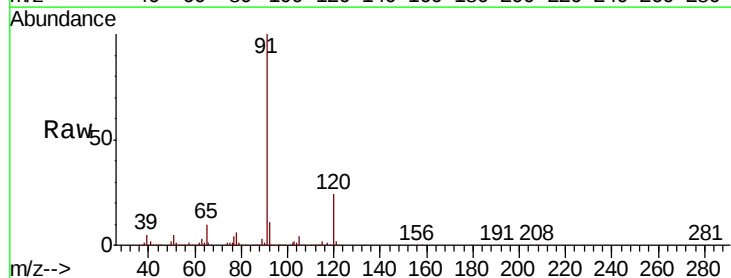
RT: 12.59 min Scan# 3365

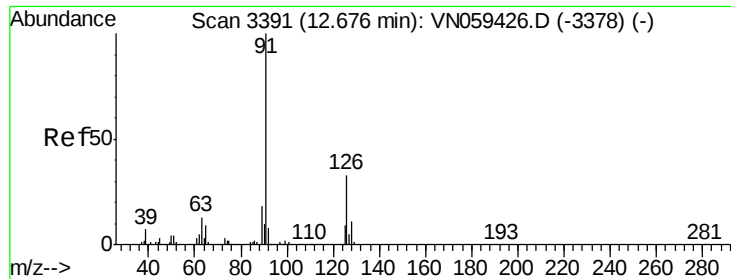
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.5	34.4	





#79

2-Chlorotoluene

Concen: 87.145 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1131389

Ion Ratio Lower Upper

91 100

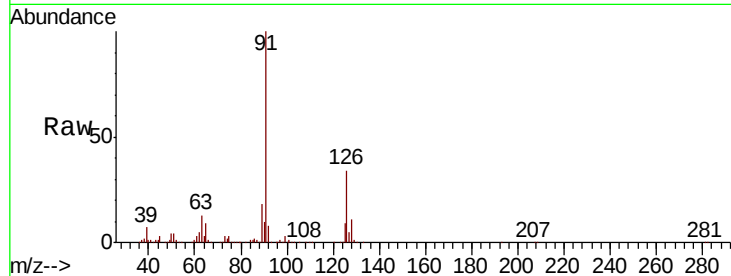
126 33.7 16.7 50.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059422.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059422.D (-3378) (-)

1200000

1000000

800000

600000

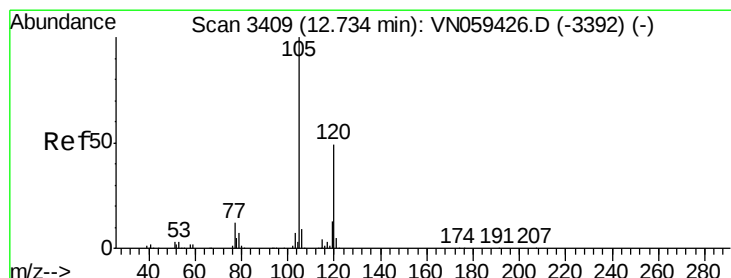
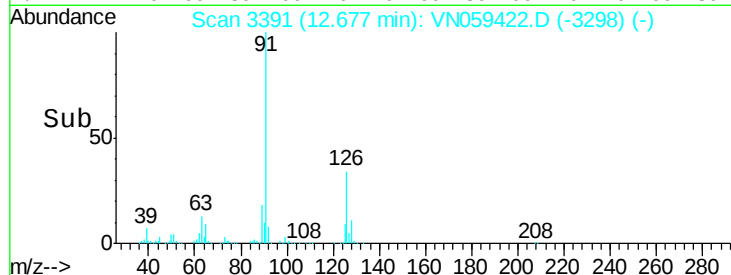
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 88.717 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059422.D

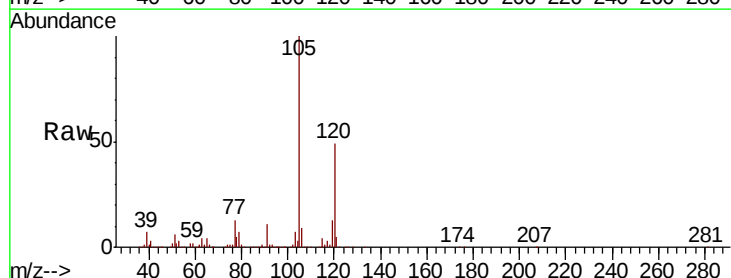
Acq: 27 Nov 2019 14:07

Tgt Ion: 105 Resp: 1405295

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VN059422.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN059422.D (-3392) (-)

1000000

800000

600000

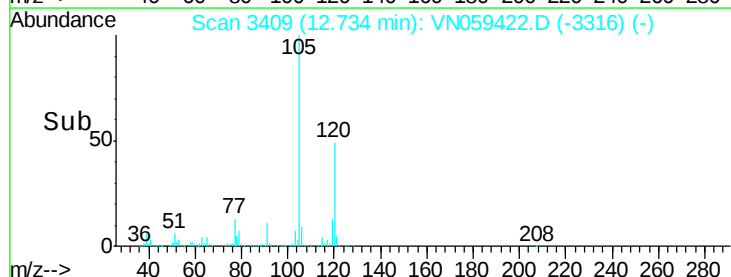
400000

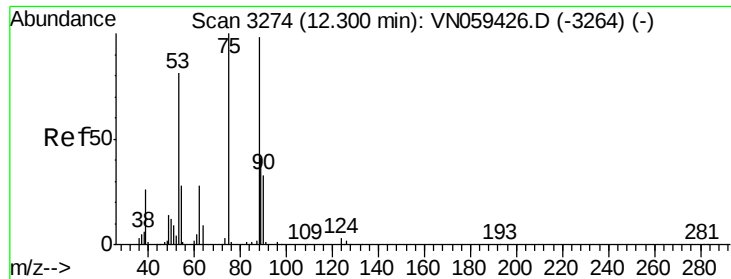
200000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 92.638 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

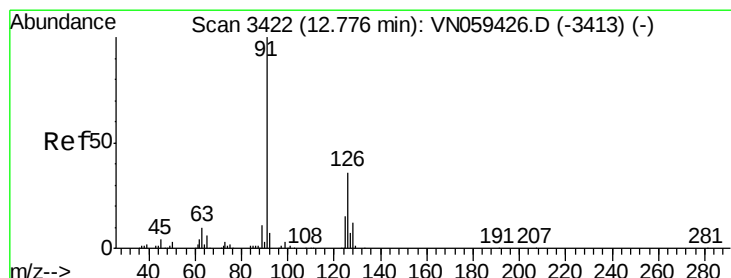
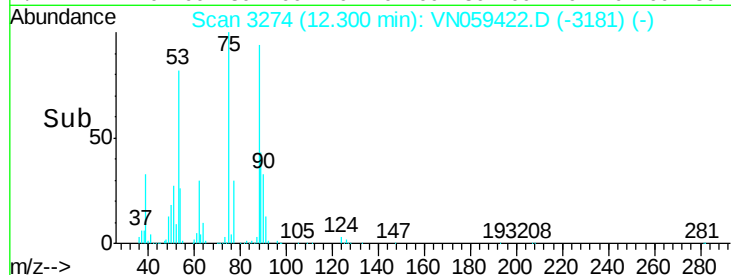
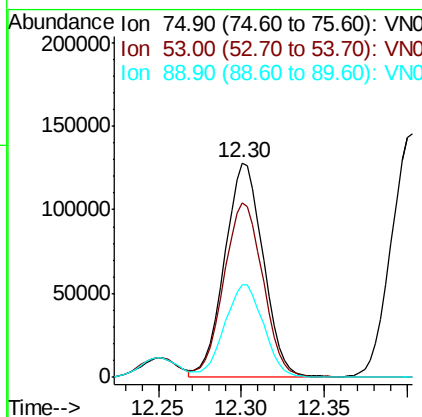
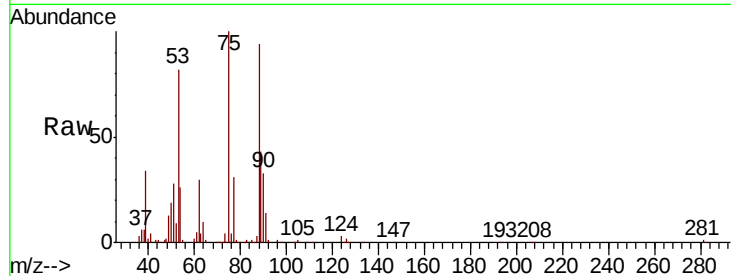
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	207472
Ion Ratio	Lower	Upper	
75	100		
53	81.7	66.2	99.4
89	43.6	33.9	50.9

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#82

4-Chlorotoluene

Concen: 88.144 ug/l

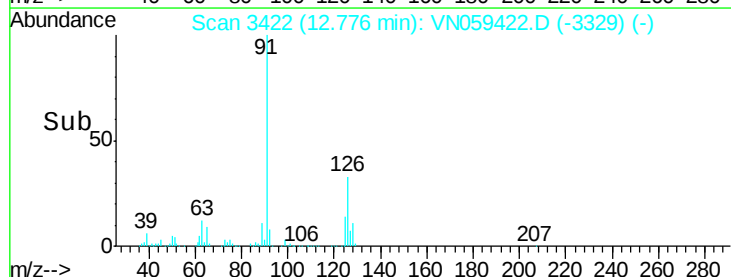
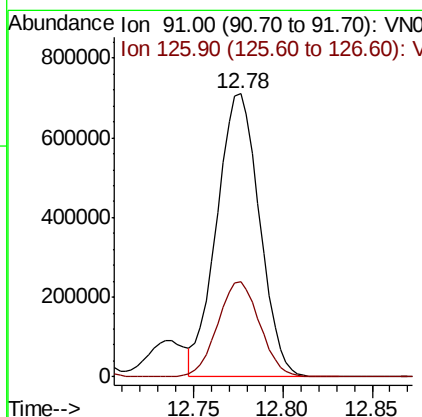
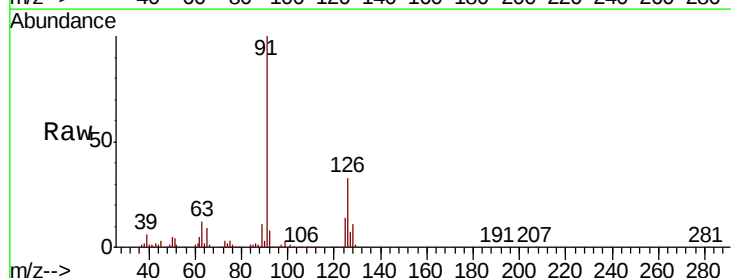
RT: 12.78 min Scan# 3422

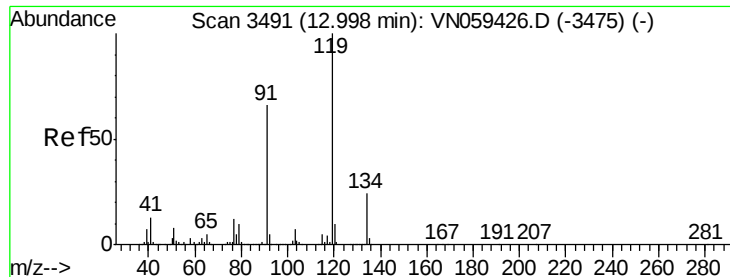
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	91	Resp:	1178576
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.7	50.0





#83

tert-Butylbenzene

Concen: 87.606 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

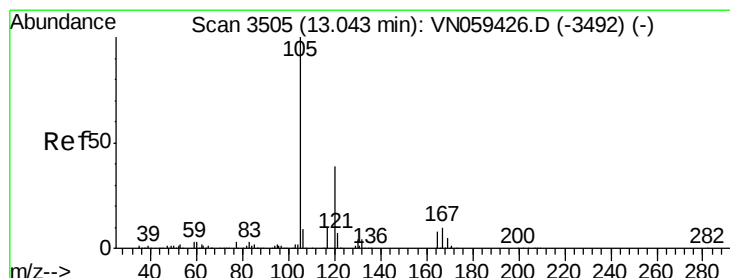
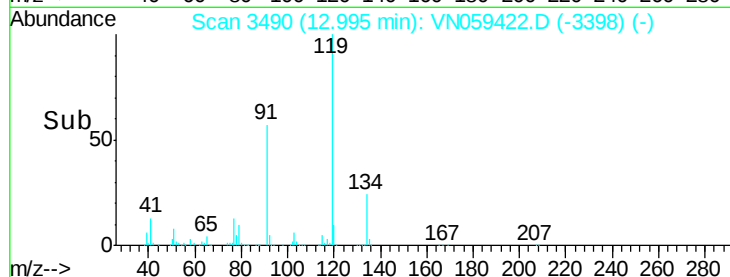
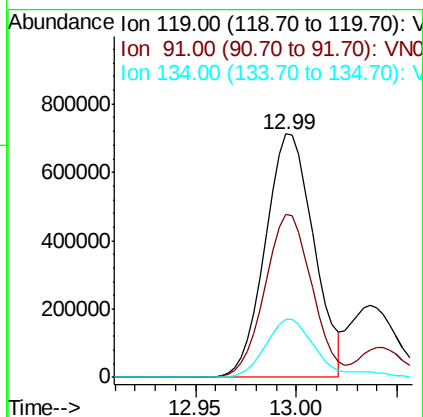
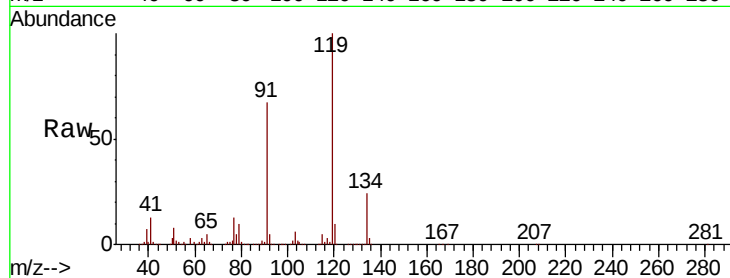
ClientSampleId :

VSTDIC100

Tot Ion:	119	Resp:	1191571
Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.8	98.4
134	25.4	12.9	38.6

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#84

1,2,4-Trimethylbenzene

Concen: 89.832 ug/l

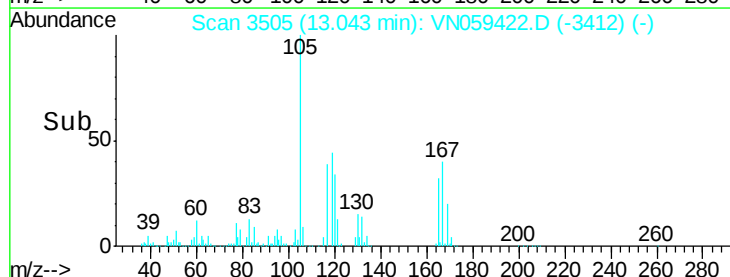
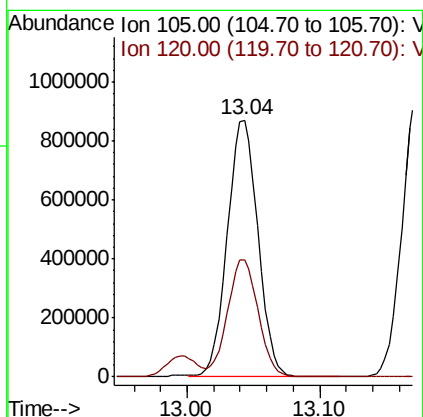
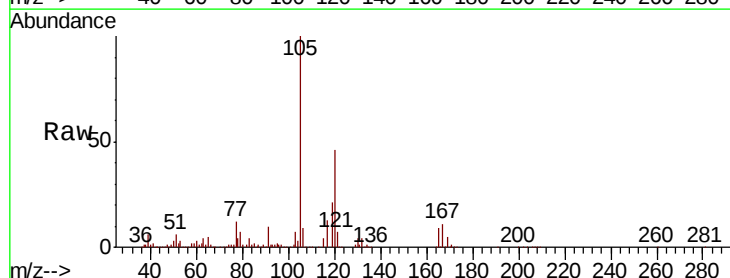
RT: 13.04 min Scan# 3505

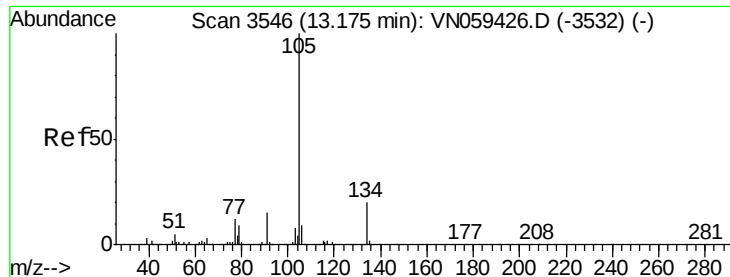
Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Tgt Ion:	105	Resp:	1393939
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7





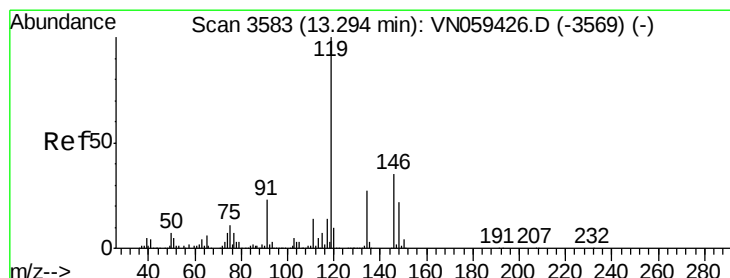
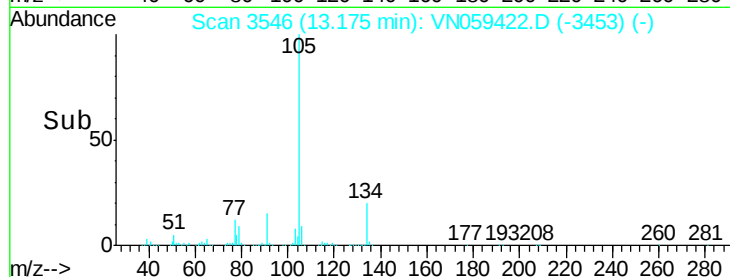
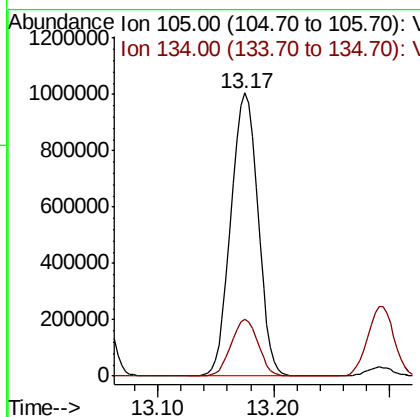
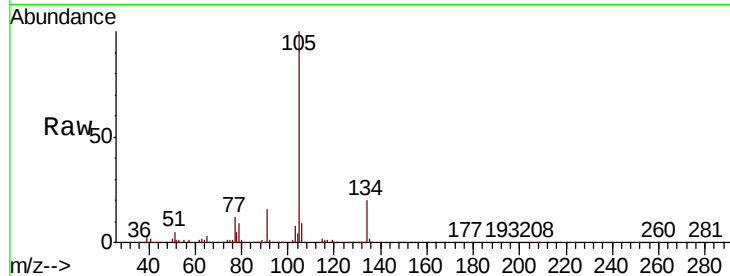
#85
 sec-Butylbenzene
 Concen: 89.662 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1619503
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

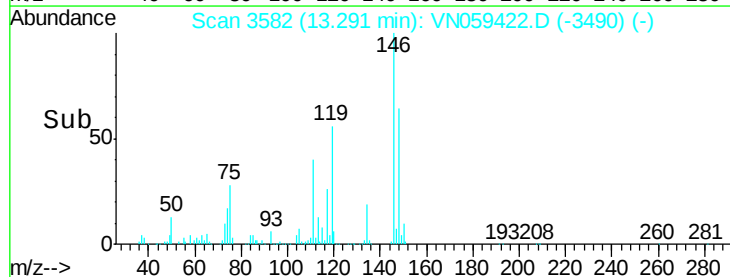
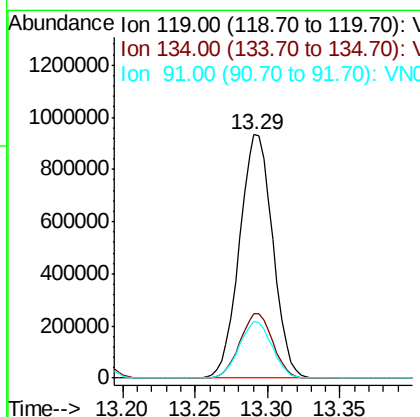
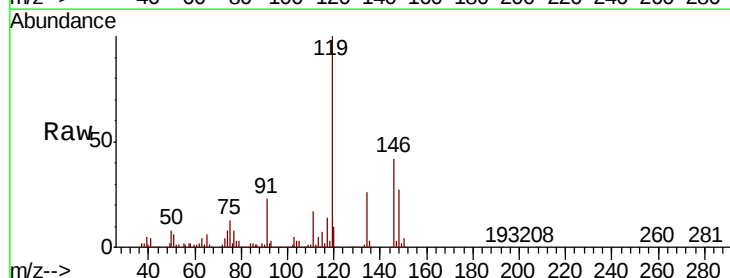
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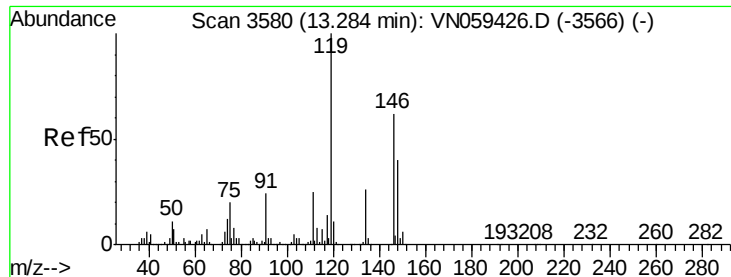
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#86
 p-Isopropyltoluene
 Concen: 90.858 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion:119 Resp: 1483619
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.0 11.5 34.4





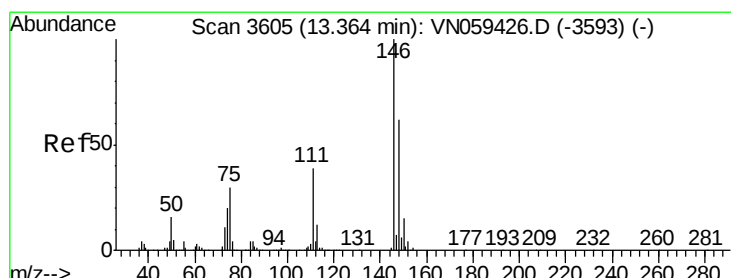
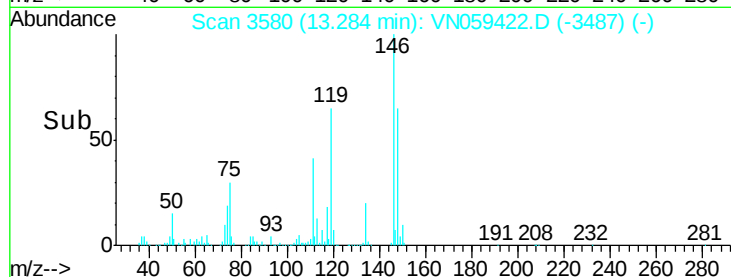
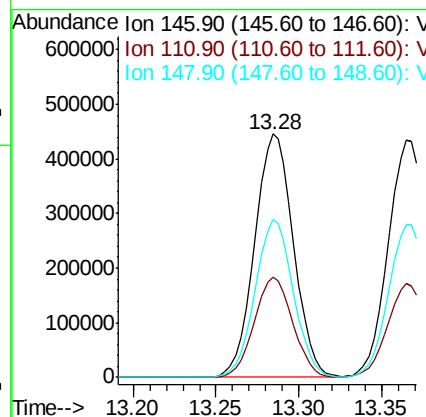
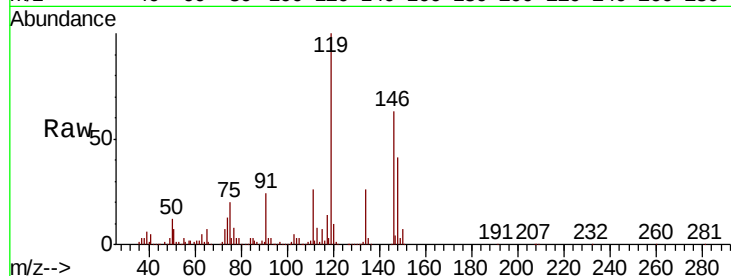
#87
 1,3-Dichlorobenzene
 Concen: 88.788 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.8	32.1	96.3

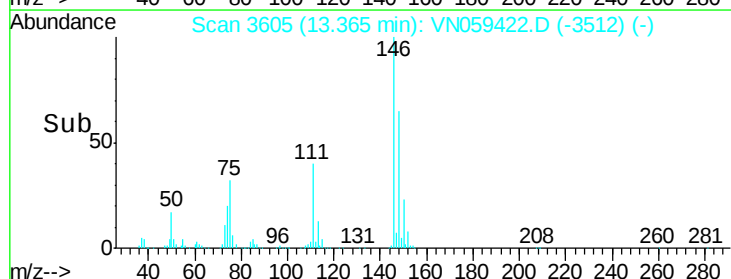
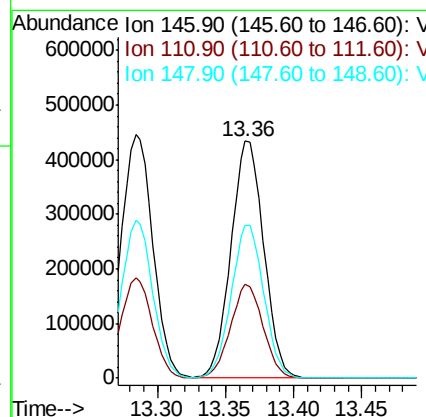
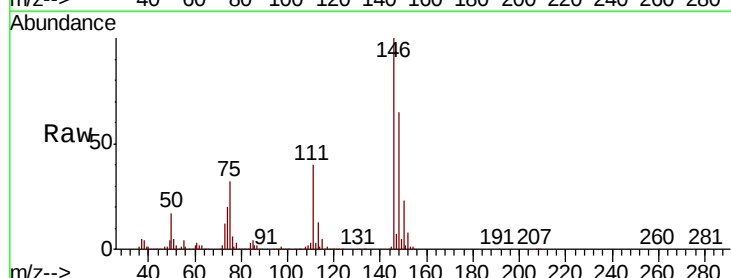
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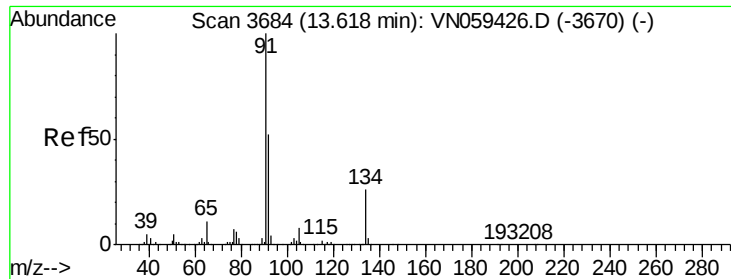
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#88
 1,4-Dichlorobenzene
 Concen: 88.156 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.7
148	64.2	31.6	95.0





#89

n-Butylbenzene

Concen: 94.976 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059422.D

Acq: 27 Nov 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1355690

Ion Ratio Lower Upper

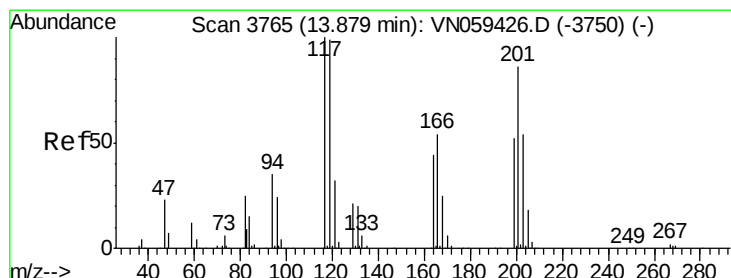
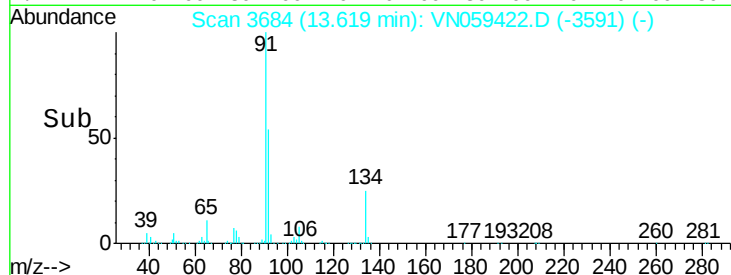
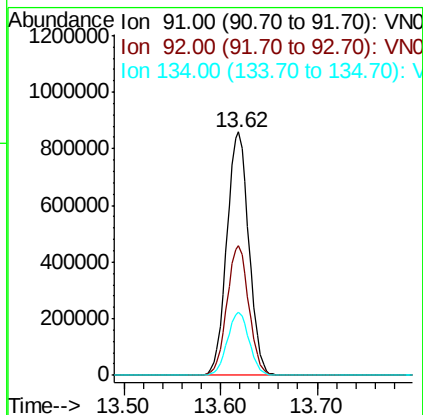
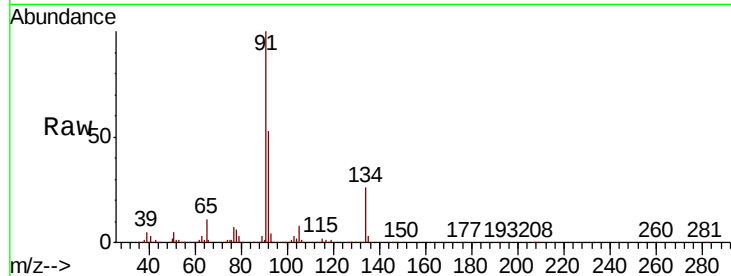
91 100

92 52.8 25.9 77.8

134 25.7 12.8 38.4

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#90

Hexachloroethane

Concen: 86.521 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059422.D

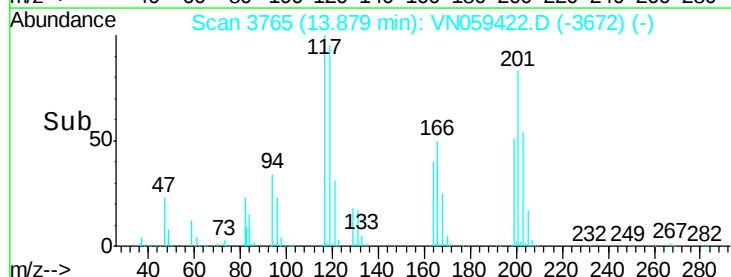
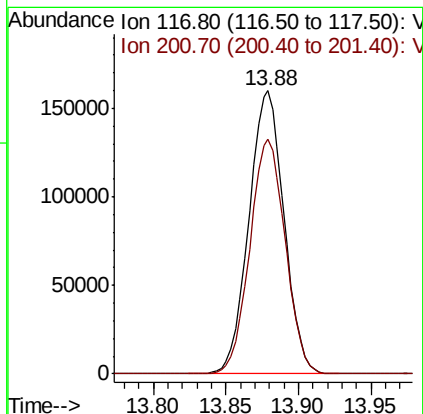
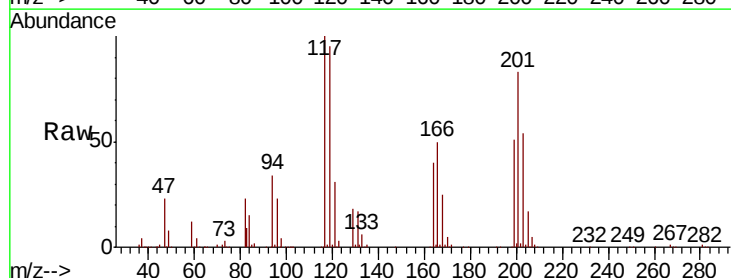
Acq: 27 Nov 2019 14:07

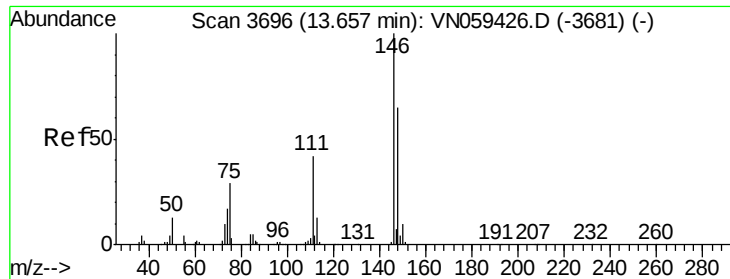
Tgt Ion: 117 Resp: 270035

Ion Ratio Lower Upper

117 100

201 83.6 42.1 126.4





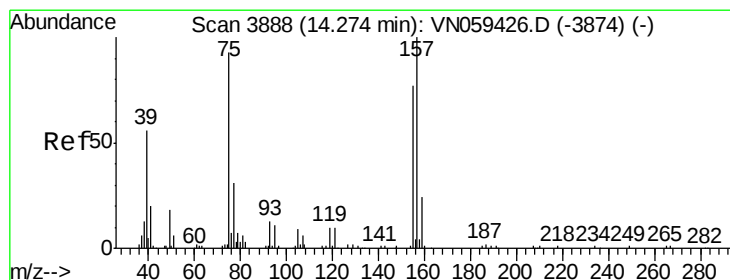
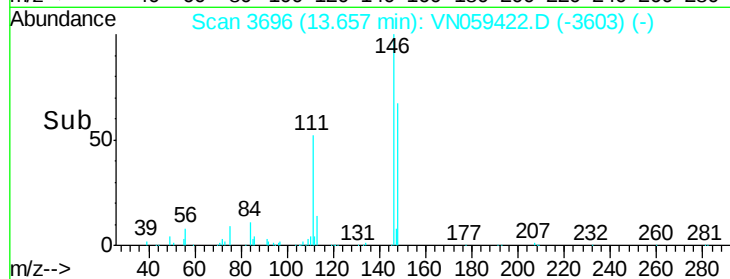
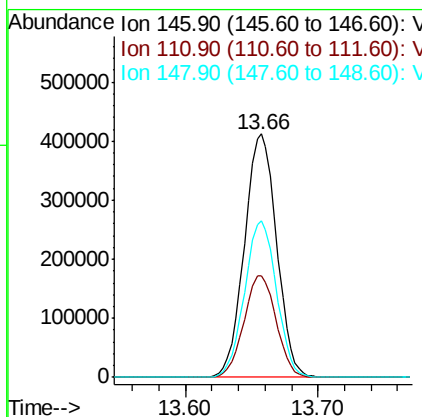
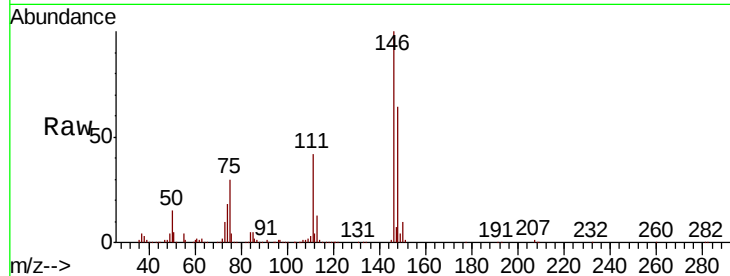
#91
 1,2-Dichlorobenzene
 Concen: 86.728 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.7
148	64.0	32.0	96.2

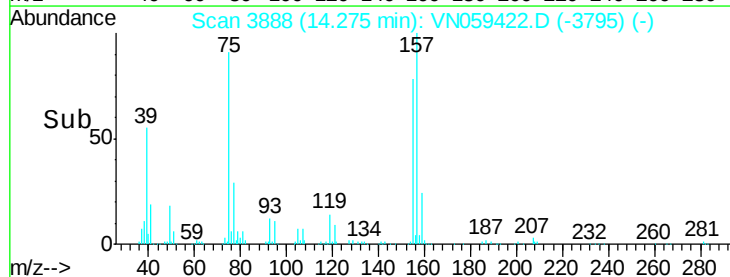
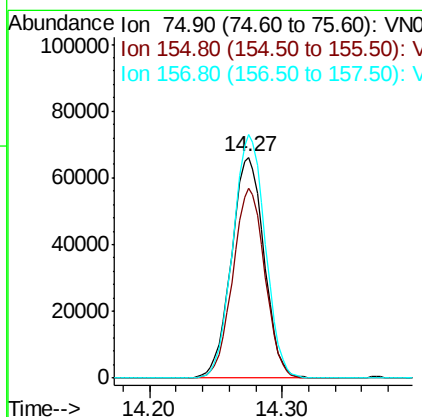
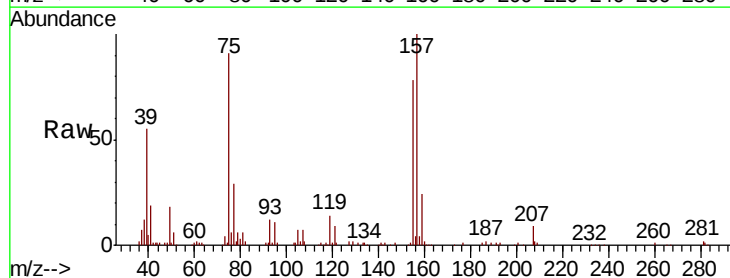
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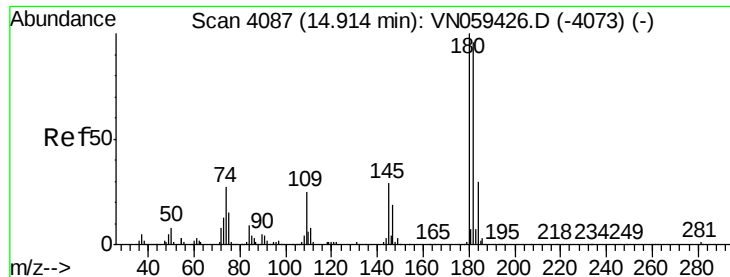
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 80.640 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	41.9	125.8
157	110.0	54.1	162.3





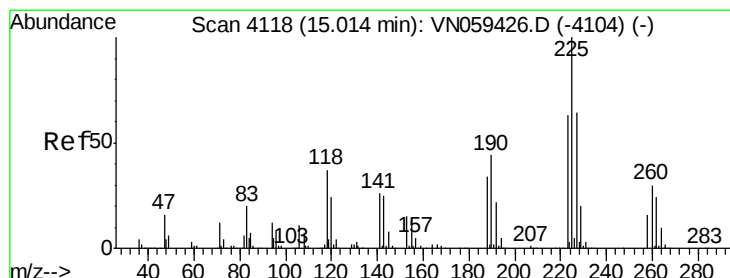
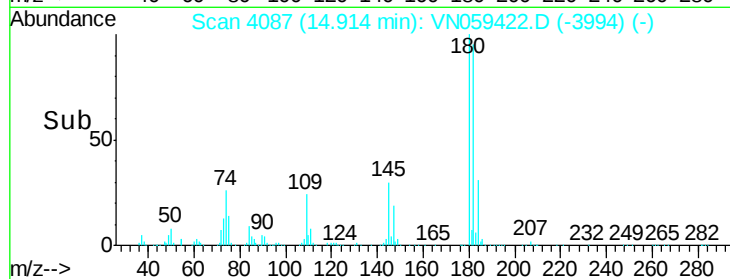
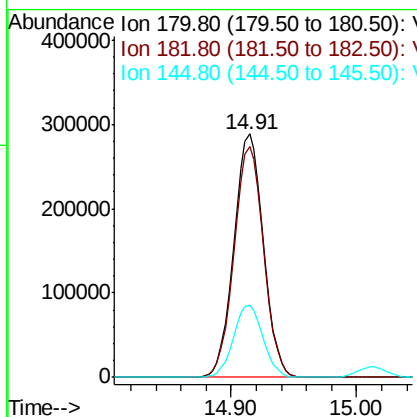
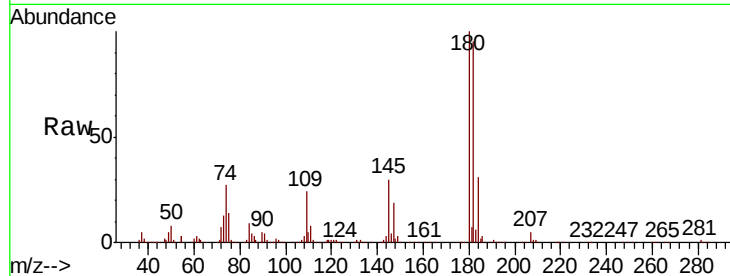
#93
 1,2,4-Trichlorobenzene
 Concen: 94.373 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	469983
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	142.0
145	29.8	14.8	44.4

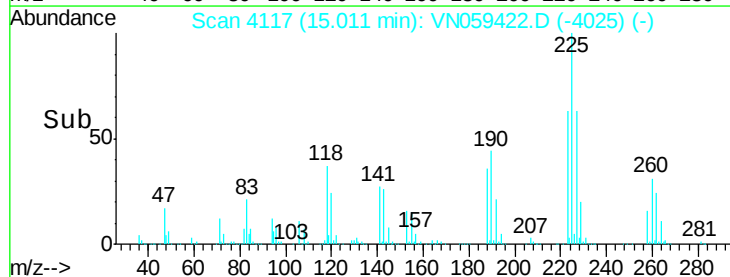
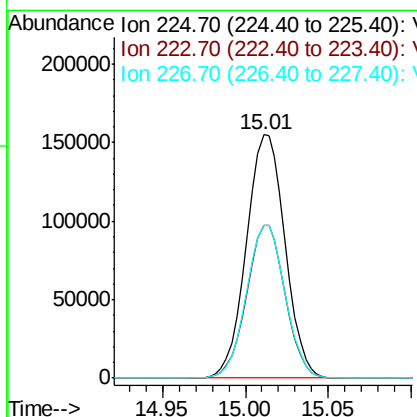
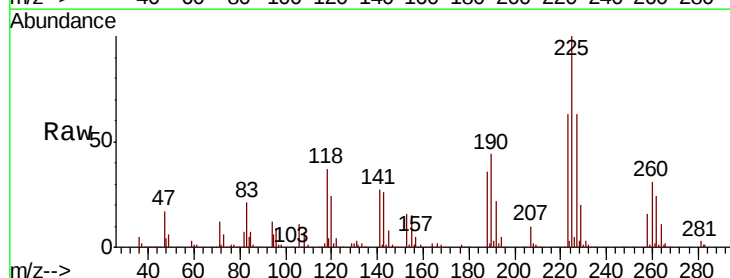
Manual Integrations
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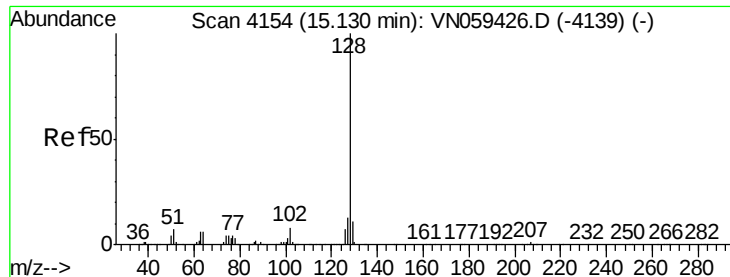
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#94
 Hexachlorobutadiene
 Concen: 82.586 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059422.D
 Acq: 27 Nov 2019 14:07

Tgt Ion:	225	Resp:	252049
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.5	94.5
227	62.8	31.9	95.7





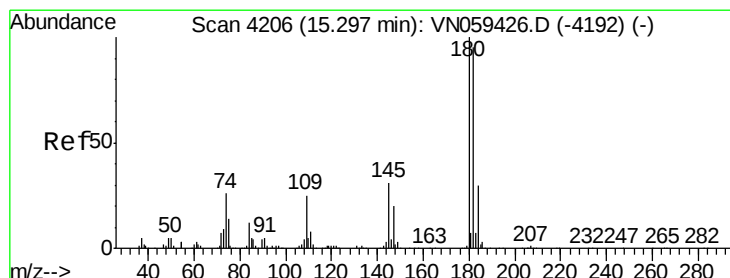
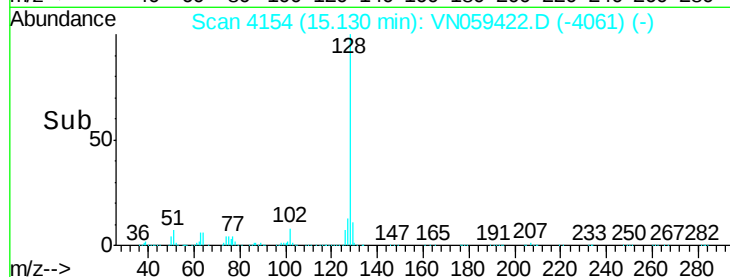
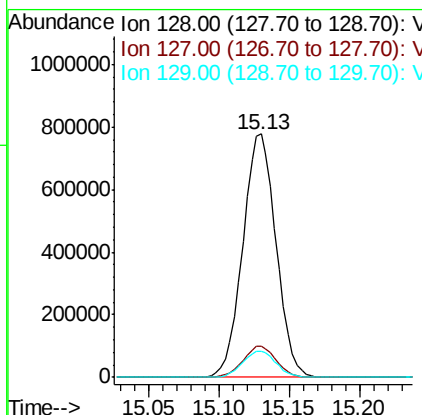
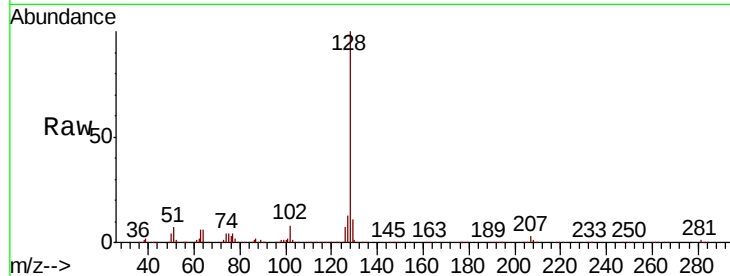
#95
Naphthalene
Concen: 91.103 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 86.938 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059422.D
Acq: 27 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	31.6	15.7	47.1

