

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059423.D
 Acq On : 27 Nov 2019 14:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:56 AM

Quant Time: Nov 27 16:42:31 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	342178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	537976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	619471	154.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.10%	
35) Dibromofluoromethane	7.57	113	515002	157.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.32%	
50) Toluene-d8	10.08	98	2028701	155.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.74%	
62) 4-Bromofluorobenzene	12.40	95	738410	162.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	660893	164.100	ug/l	99
3) Chloromethane	2.04	50	779791	158.513	ug/l	100
4) Vinyl Chloride	2.17	62	764625	161.745	ug/l	99
5) Bromomethane	2.53	94	449816	158.036	ug/l	98
6) Chloroethane	2.67	64	422005	159.214	ug/l	99
7) Trichlorofluoromethane	2.99	101	895793	159.088	ug/l	96
8) Diethyl Ether	3.39	74	372524	162.558	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	547284	157.812	ug/l	99
10) Methyl Iodide	3.93	142	766431	169.795	ug/l	99
11) Tert butyl alcohol	4.76	59	566268	815.512	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	555425	163.541	ug/l	99
13) Acrolein	3.58	56	594005	876.340	ug/l	97
14) Allyl chloride	4.29	41	1027236	163.083	ug/l	100
15) Acrylonitrile	4.95	53	1655530	855.627	ug/l	100
16) Acetone	3.79	43	1490864	780.748	ug/l	100
17) Carbon Disulfide	4.03	76	1780589	152.779	ug/l	100
18) Methyl Acetate	4.29	43	817154	157.144	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1836049	167.765	ug/l	98
20) Methylene Chloride	4.53	84	606639	156.348	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	593013	160.263	ug/l	98
22) Diisopropyl ether	5.92	45	1950273	166.615	ug/l	99
23) Vinyl Acetate	5.87	43	7584590	803.169	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	1092757	162.256	ug/l	99
25) 2-Butanone	6.81	43	2239237	852.416	ug/l	99
26) 2,2-Dichloropropane	6.80	77	914710	159.596	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	662286	163.653	ug/l	99
28) Bromochloromethane	7.17	49	439502	188.867	ug/l	100
29) Tetrahydrofuran	7.19	42	1479577	846.869	ug/l	100
30) Chloroform	7.35	83	1037546	153.094	ug/l	100
31) Cyclohexane	7.63	56	1057082	156.571	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	905318	163.351	ug/l	99
36) 1,1-Dichloropropene	7.77	75	849619	164.228	ug/l	100
37) Ethyl Acetate	6.90	43	903791	165.120	ug/l	99
38) Carbon Tetrachloride	7.75	117	816987	167.334	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1062484	171.666	ug/l	99
40) Benzene	8.02	78	2473410	161.021	ug/l	99
41) Methacrylonitrile	7.16	41	444524m	172.007	ug/l	
42) 1,2-Dichloroethane	8.10	62	800553	164.360	ug/l	100
43) Isopropyl Acetate	8.15	43	1451371	174.543	ug/l	100
44) Trichloroethene	8.82	130	633317	161.697	ug/l	100
45) 1,2-Dichloropropane	9.11	63	660141	164.301	ug/l	99
46) Dibromomethane	9.20	93	412025	166.175	ug/l	99
47) Bromodichloromethane	9.39	83	834208	166.347	ug/l	99
48) Methyl methacrylate	9.19	41	657385	178.195	ug/l	99
49) 1,4-Dioxane	9.19	88	181619	3370.846	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3854183	799.100	ug/l	93
52) Toluene	10.15	92	1524894	166.166	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	998150	173.217	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1081460	173.853	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	587752	163.631	ug/l	99
56) Ethyl methacrylate	10.42	69	988883	188.741	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1032117	166.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	2011168	1306.777	ug/l	99
59) 2-Hexanone	10.75	43	2985443	834.748	ug/l	96
60) Dibromochloromethane	10.90	129	664554	177.242	ug/l	100
61) 1,2-Dibromoethane	11.00	107	628671	170.801	ug/l	100
64) Tetrachloroethene	10.63	164	557287	154.179	ug/l	99
65) Chlorobenzene	11.43	112	1588493	160.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	590753	164.663	ug/l	100
67) Ethyl Benzene	11.51	91	2780155	159.990	ug/l	95
68) m/p-Xylenes	11.62	106	2170788	334.591	ug/l	89
69) o-Xylene	11.95	106	1041999	167.467	ug/l	97
70) Styrene	11.96	104	1752167	179.628	ug/l	100
71) Bromoform	12.13	173	491260	179.830	ug/l #	100
73) Isopropylbenzene	12.25	105	2668633	153.737	ug/l	97
74) N-amyl acetate	12.07	43	1191468	182.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	866058	152.994	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	813292m	150.255	ug/l	
77) Bromobenzene	12.53	156	673187	158.404	ug/l	99
78) n-propylbenzene	12.59	91	3089652	154.458	ug/l	97
79) 2-Chlorotoluene	12.68	91	1878590	157.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2290746	156.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	348071	168.720	ug/l	98
82) 4-Chlorotoluene	12.78	91	1941354	157.618	ug/l	99
83) tert-Butylbenzene	12.99	119	1974552	157.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2286768	159.984	ug/l	99
85) sec-Butylbenzene	13.17	105	2634195	158.322	ug/l	98
86) p-Isopropyltoluene	13.29	119	2398271	159.443	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1205835	160.103	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1198314	158.476	ug/l	99
89) n-Butylbenzene	13.62	91	2198317	167.190	ug/l	97
90) Hexachloroethane	13.88	117	455365	158.390	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1139645	154.425	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	190619	148.280	ug/l	99

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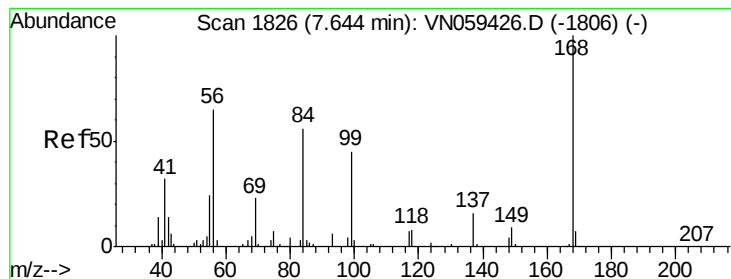
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	795967	173.511	ug/l	99
94) Hexachlorobutadiene	15.01	225	404476	143.873	ug/l	99
95) Naphthalene	15.13	128	2212246	170.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	789764	161.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 342178

Ion Ratio Lower Upper

168 100

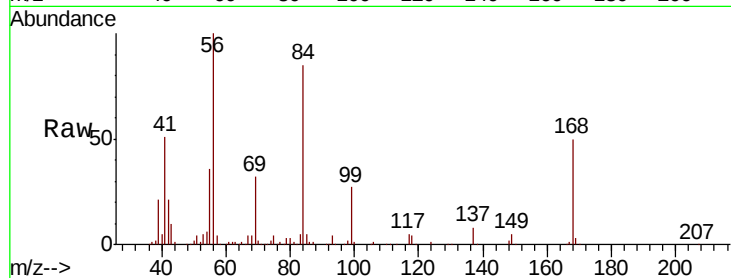
99 53.3 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

0

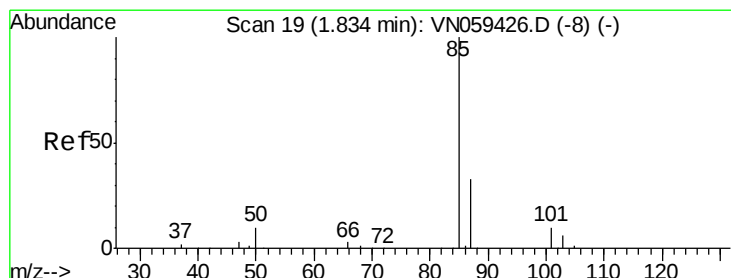
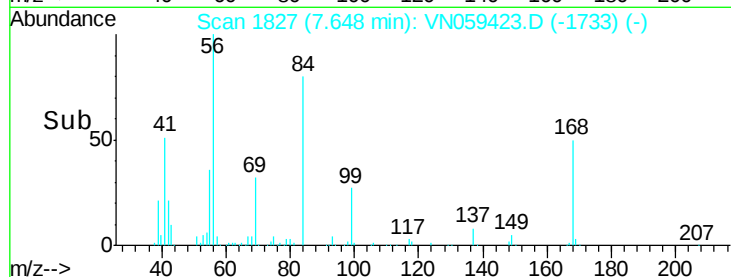
7.60

7.65

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 164.100 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059423.D

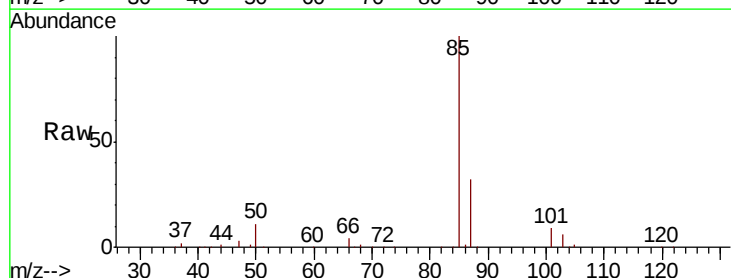
Acq: 27 Nov 2019 14:28

Tgt Ion: 85 Resp: 660893

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

500000

400000

300000

200000

100000

0

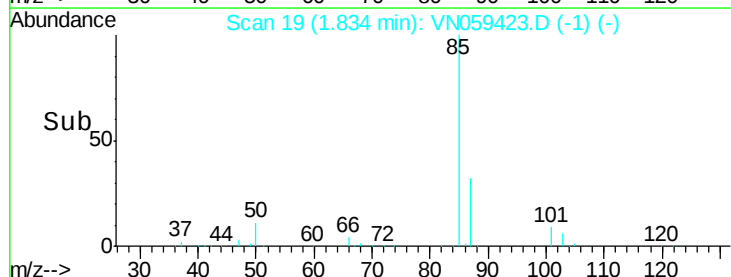
1.80

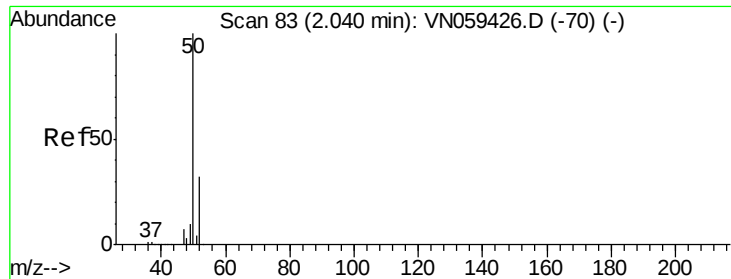
1.83

1.90

2.00

Time-->





#3

Chloromethane

Concen: 158.513 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 779791

Ion Ratio Lower Upper

50 100

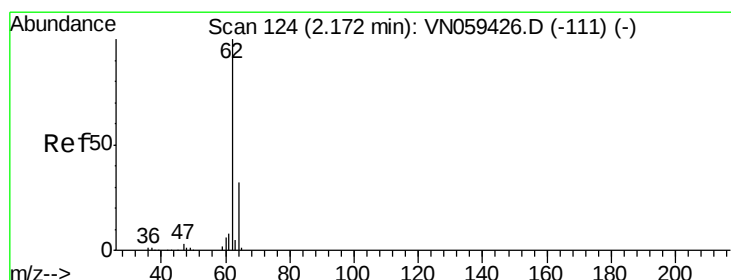
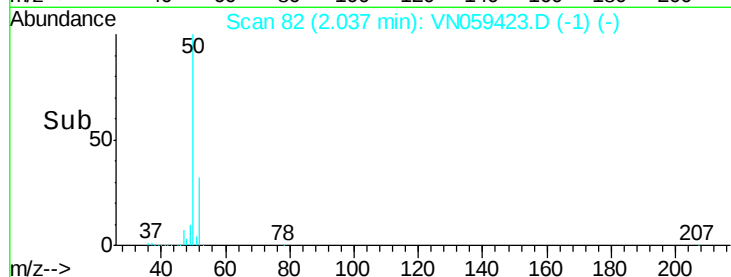
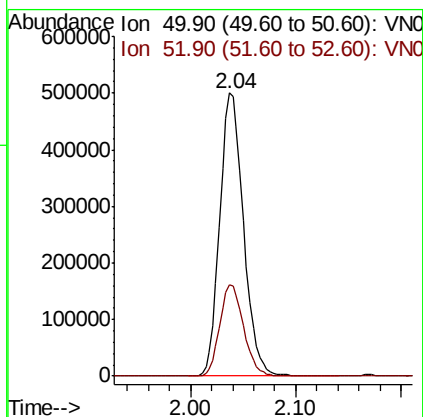
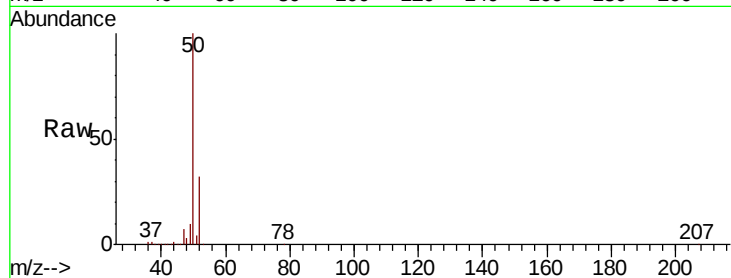
52 32.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 161.745 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059423.D

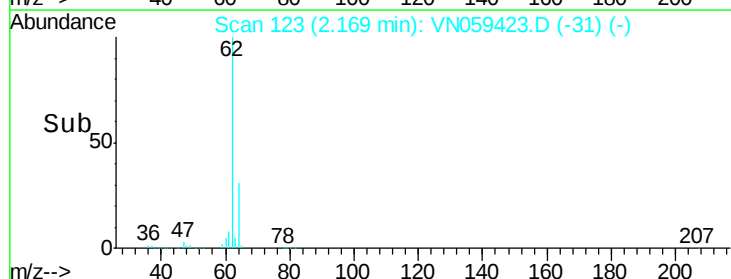
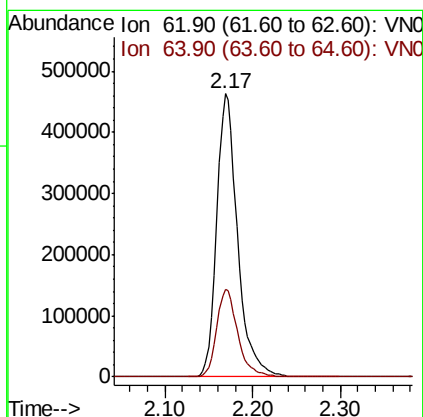
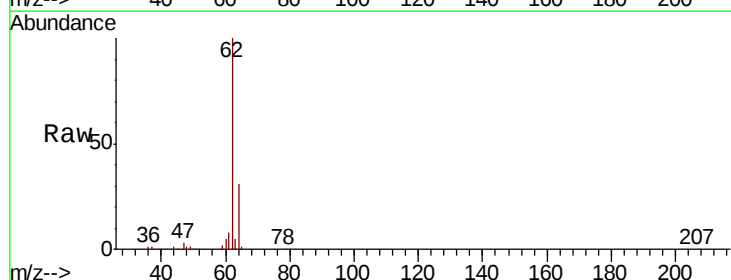
Acq: 27 Nov 2019 14:28

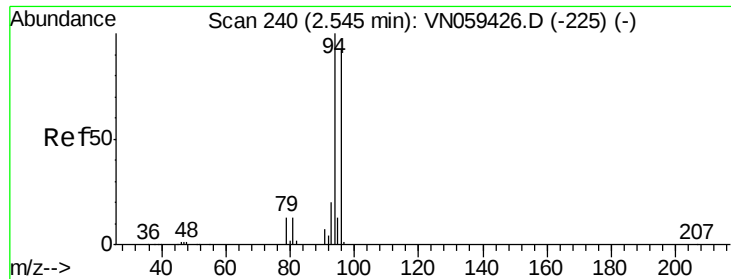
Tgt Ion: 62 Resp: 764625

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 158.036 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 449816

Ion Ratio Lower Upper

94 100

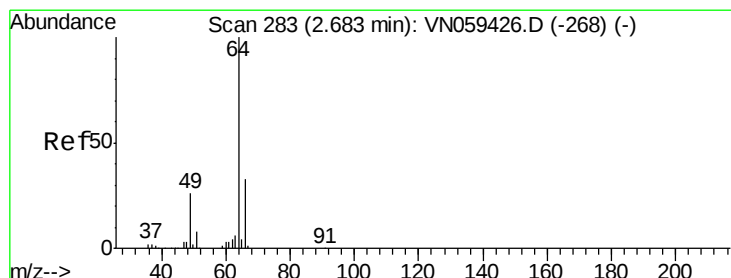
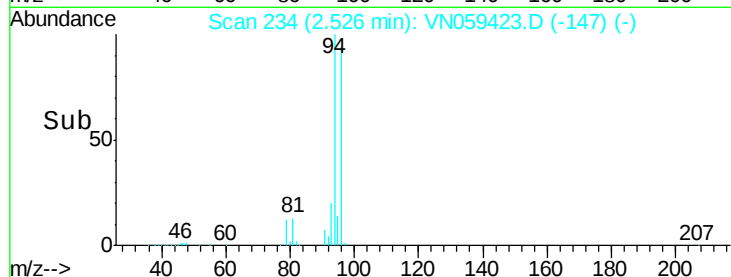
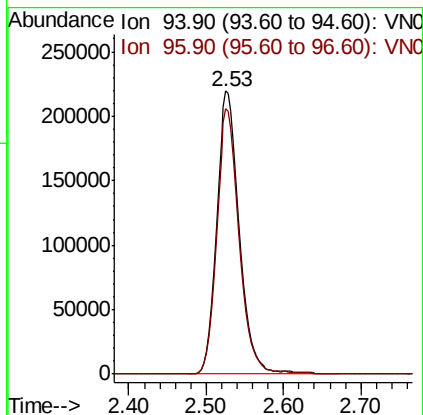
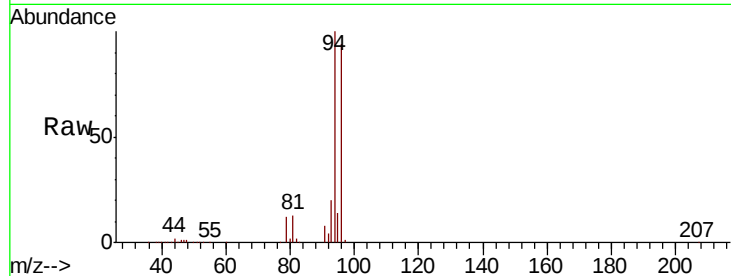
96 93.8 73.8 110.6

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#6

Chloroethane

Concen: 159.214 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN059423.D

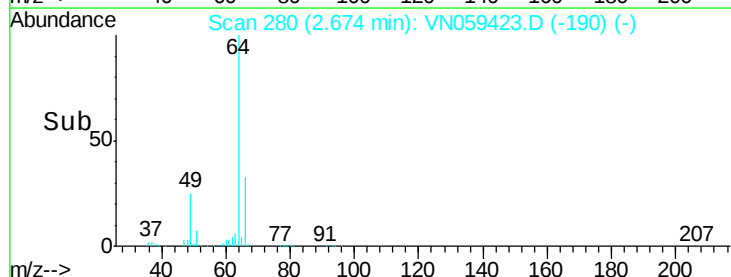
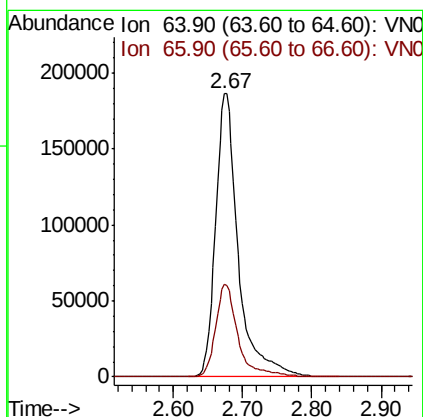
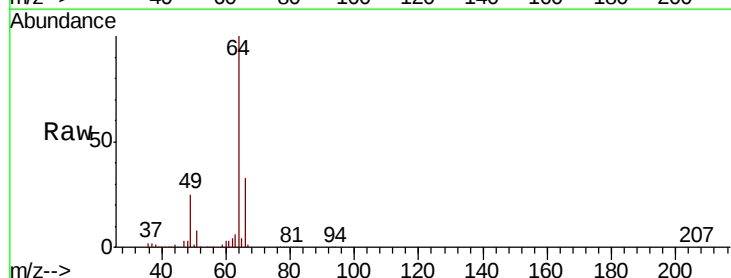
Acq: 27 Nov 2019 14:28

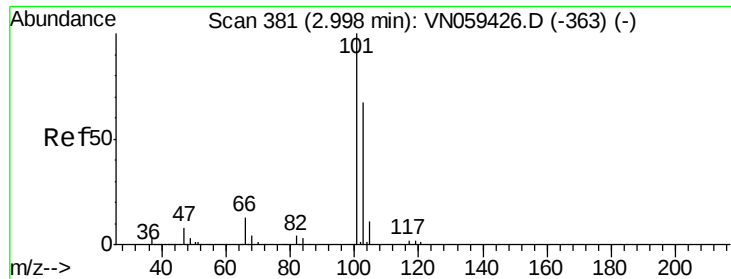
Tgt Ion: 64 Resp: 422005

Ion Ratio Lower Upper

64 100

66 32.8 26.5 39.7





#7

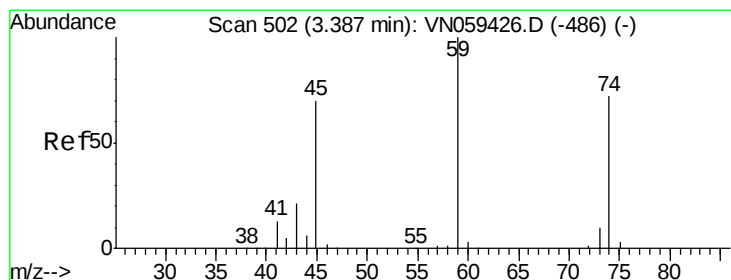
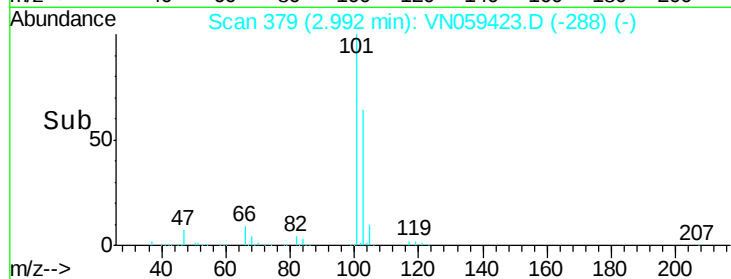
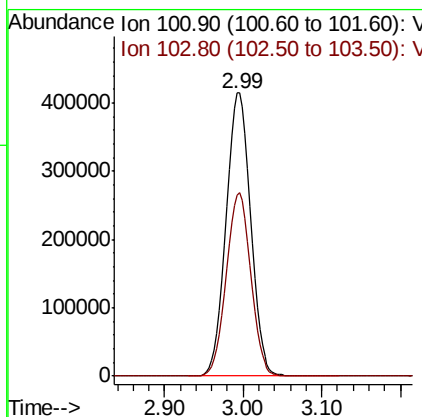
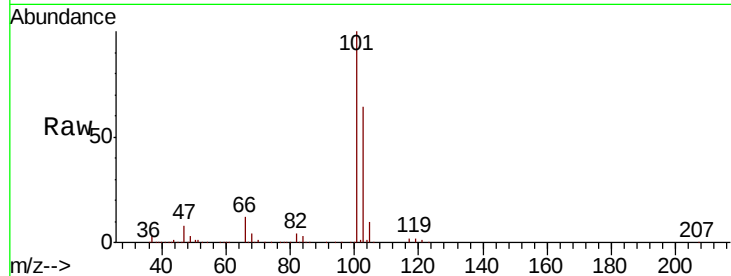
Trichlorofluoromethane
Concen: 159.088 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.6	80.4

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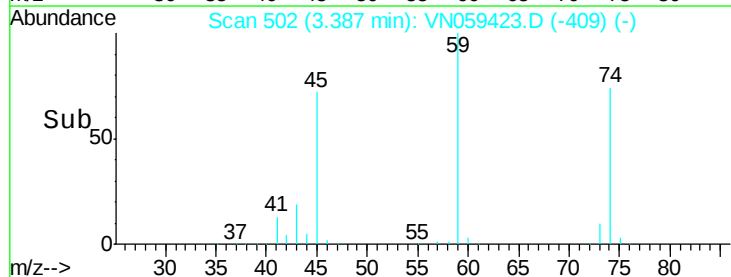
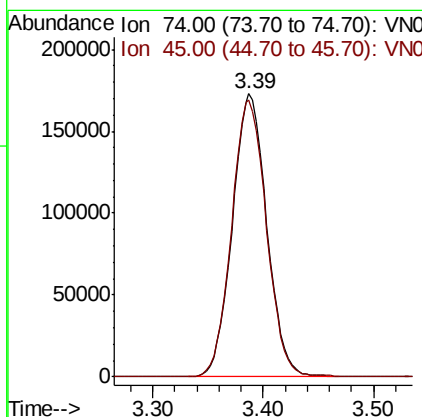
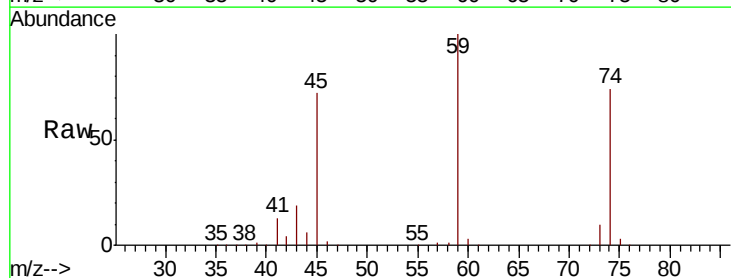
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12/2/2019 10:08:56 AM

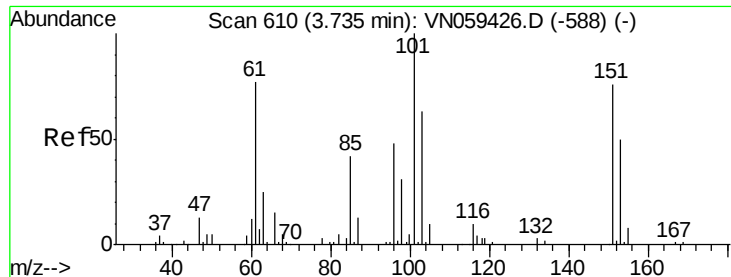


#8

Diethyl Ether
Concen: 162.558 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	49.7	149.1





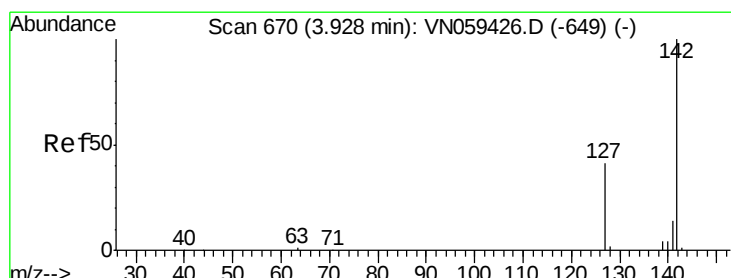
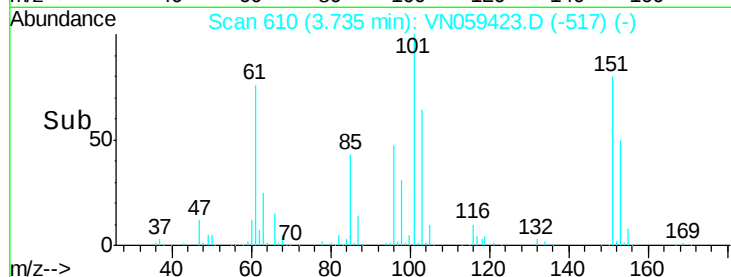
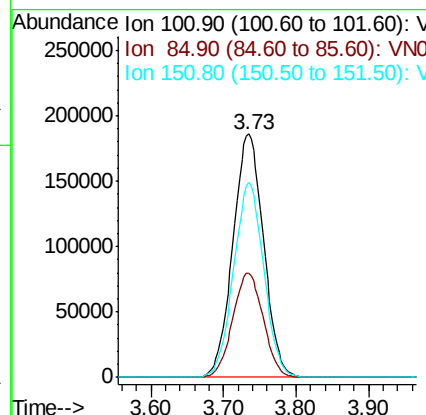
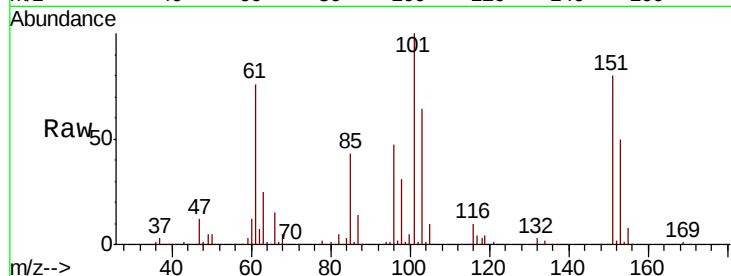
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 157.812 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.2	51.2
151	78.8	62.6	93.8

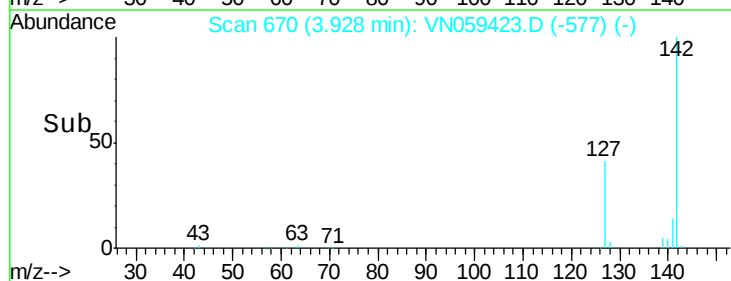
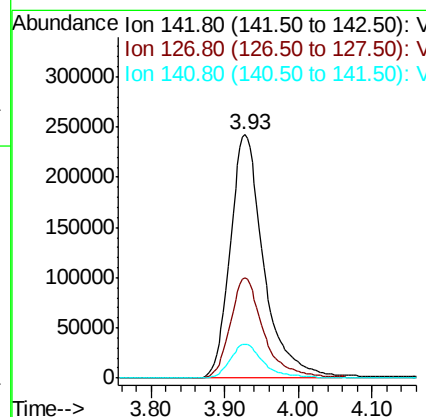
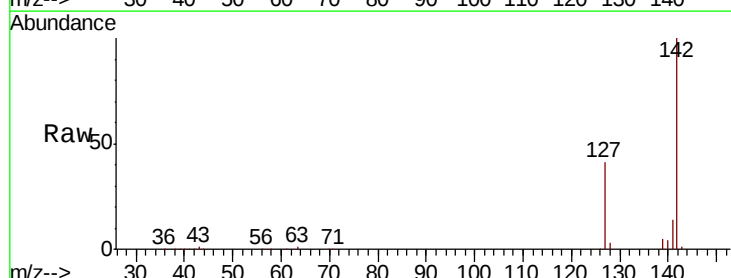
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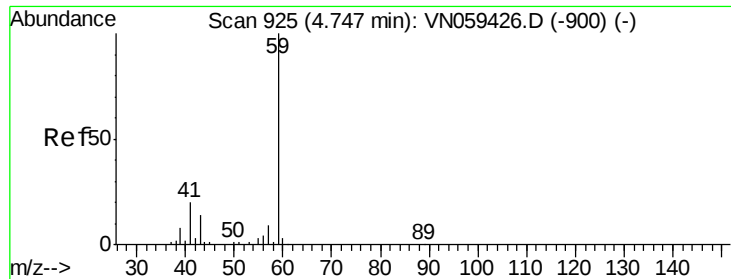
apatel
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#10
 Methyl Iodide
 Concen: 169.795 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.2	32.6	48.8
141	14.0	11.1	16.7





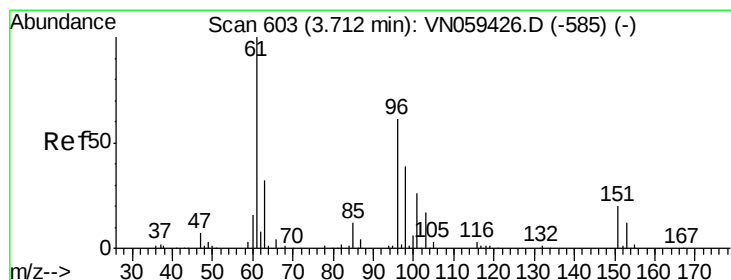
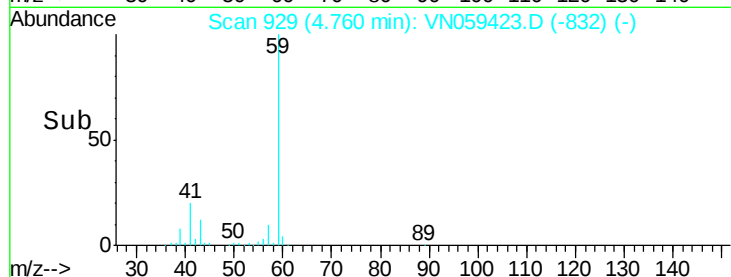
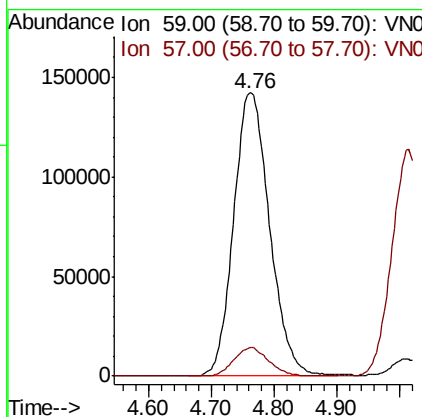
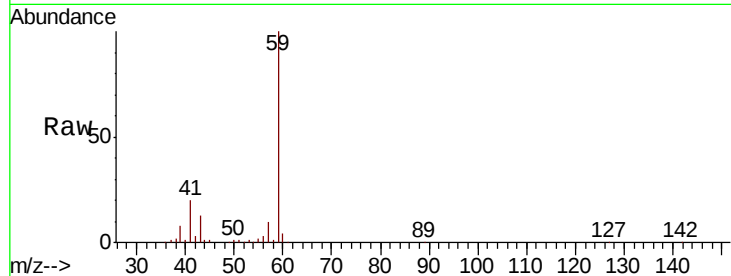
#11
Tert butyl alcohol
Concen: 815.512 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.01 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	3.8	5.8#

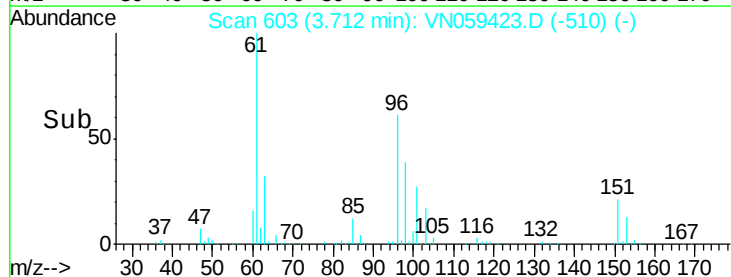
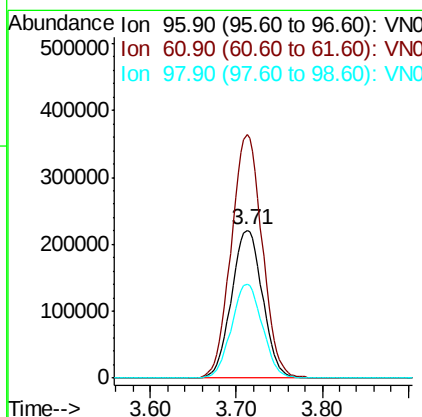
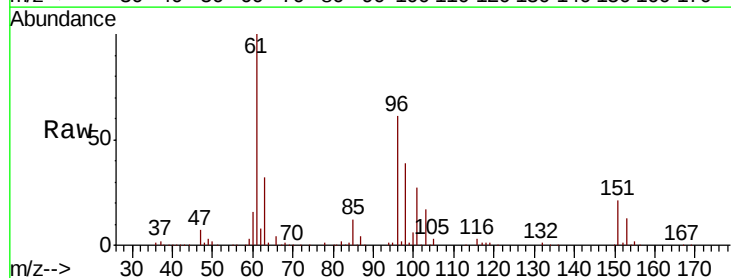
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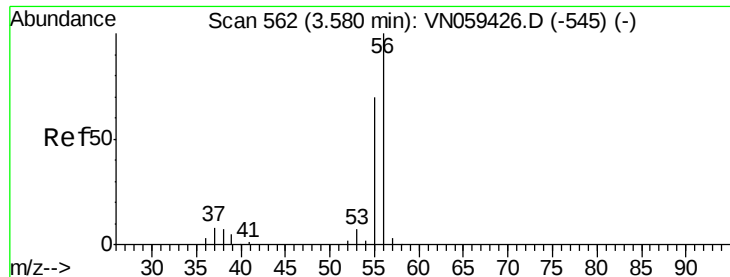
apatel
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#12
1,1-Dichloroethene
Concen: 163.541 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	130.5	195.7
98	63.6	51.3	76.9





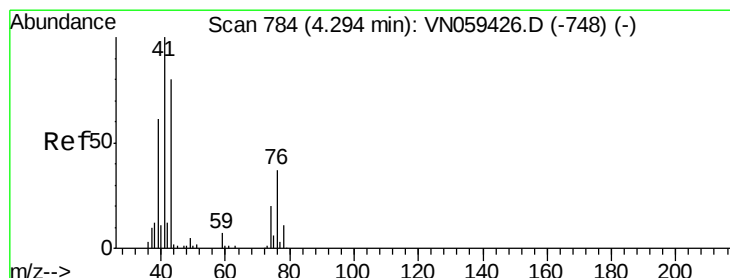
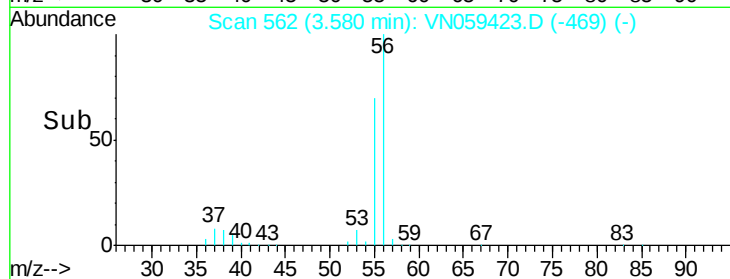
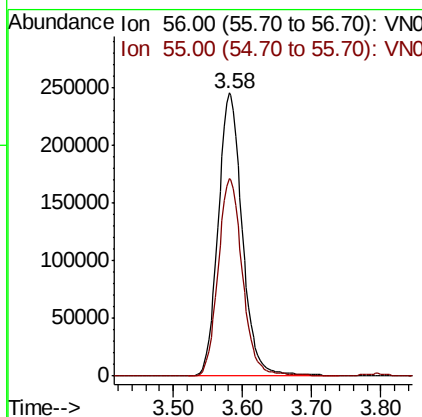
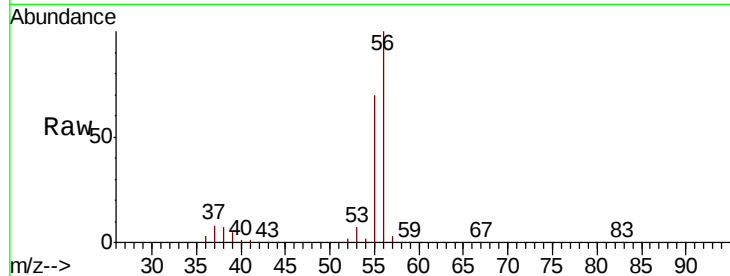
#13
Acrolein
Concen: 876.340 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	70.1		57.8	86.6	

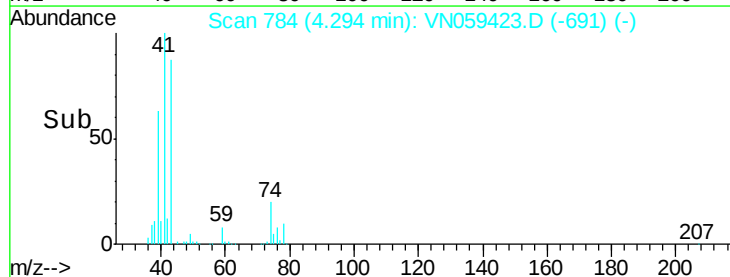
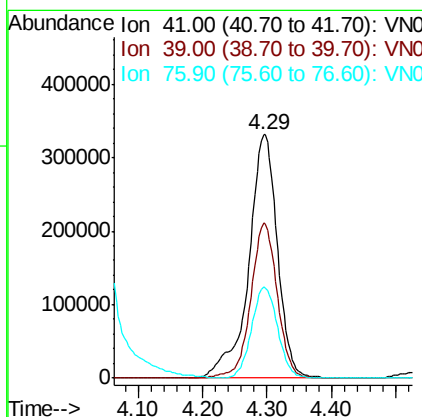
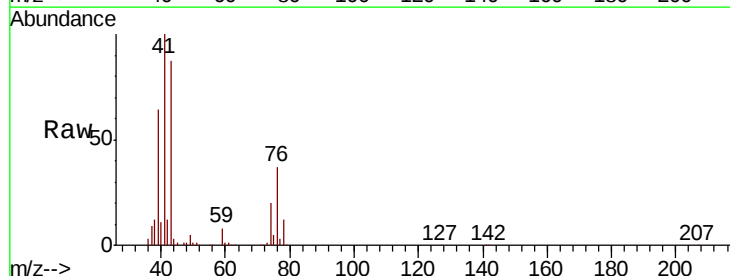
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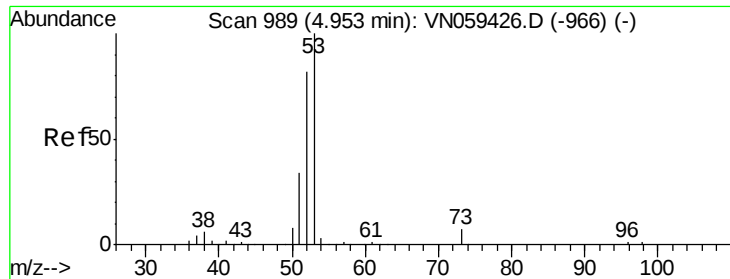
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#14
Allyl chloride
Concen: 163.083 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	58.4			46.5	69.7	
76	33.7			26.8	40.2	





#15

Acrylonitrile

Concen: 855.627 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 165530

Ion Ratio Lower Upper

53 100

52 81.1 65.1 97.7

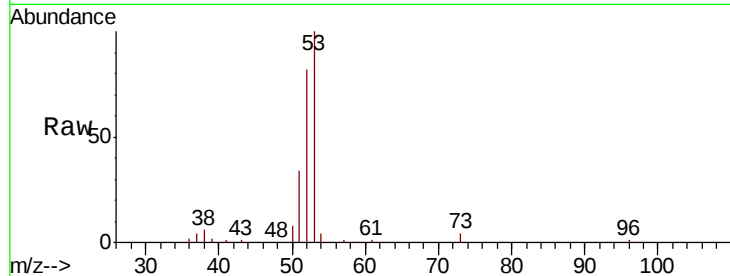
51 34.5 27.8 41.8

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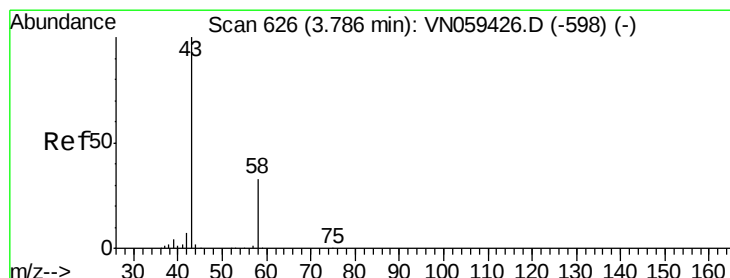
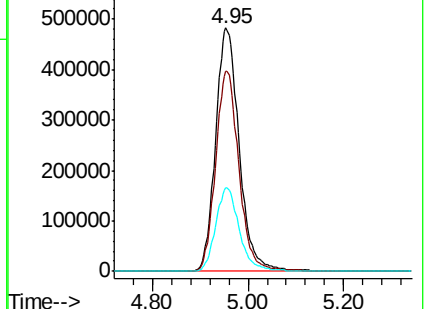
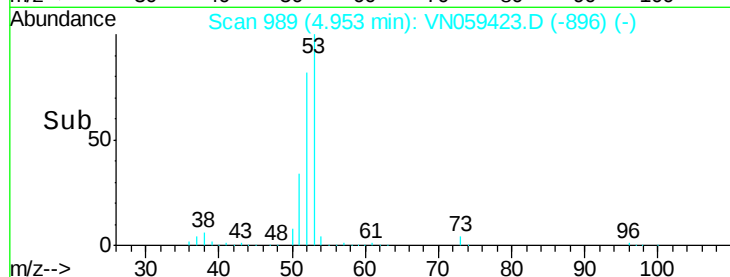
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Abundance Ion 53.00 (52.70 to 53.70): VN059423.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059423.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059423.D (-896) (-)



#16

Acetone

Concen: 780.748 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059423.D

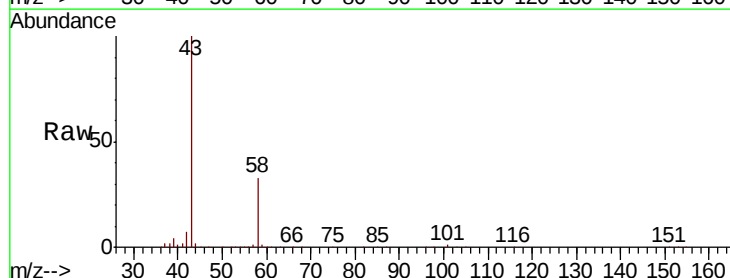
Acq: 27 Nov 2019 14:28

Tgt Ion: 43 Resp: 1490864

Ion Ratio Lower Upper

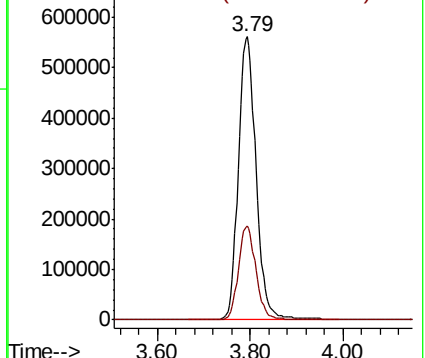
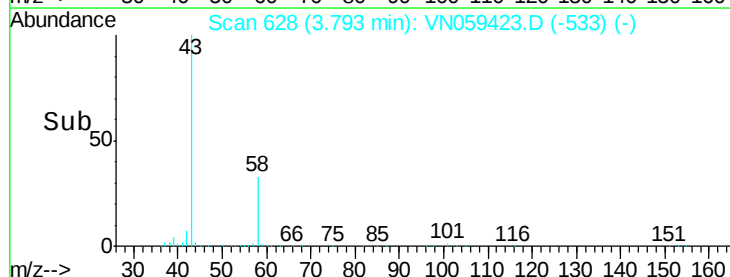
43 100

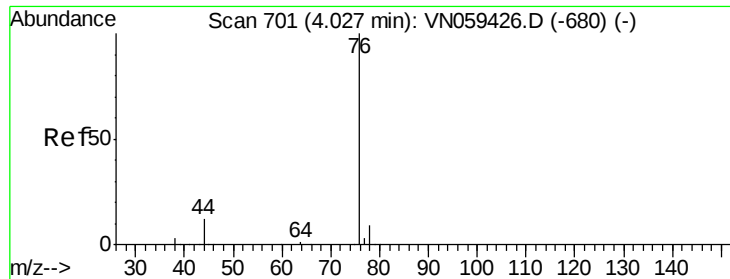
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN059423.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059423.D (-533) (-)





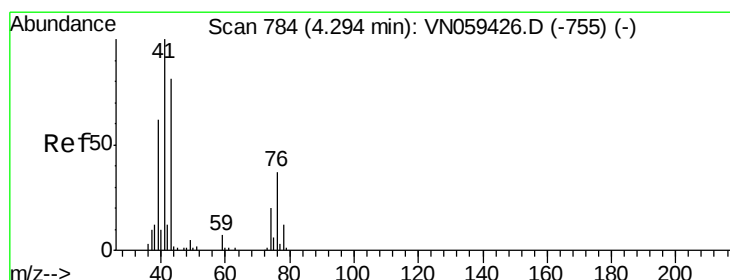
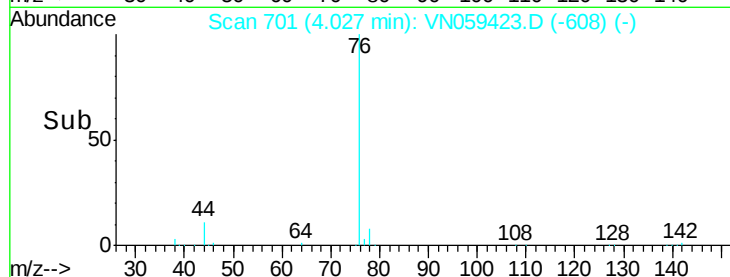
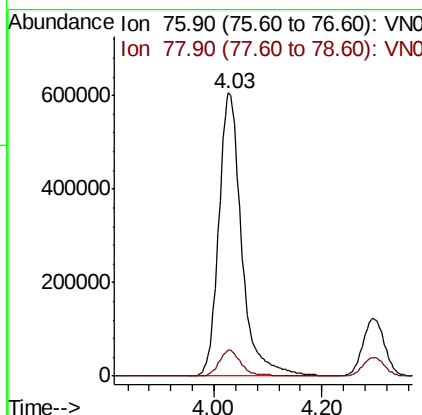
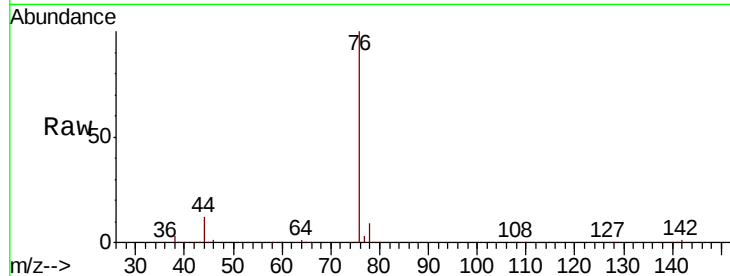
#17
Carbon Disulfide
Concen: 152.779 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1780589
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

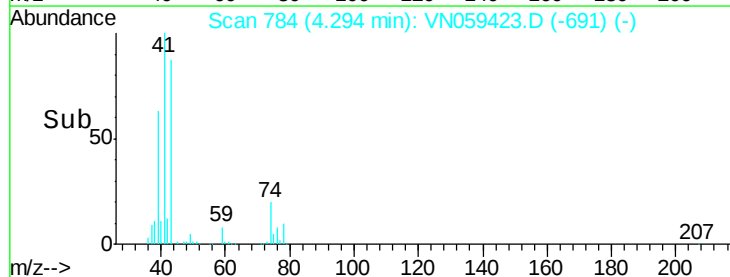
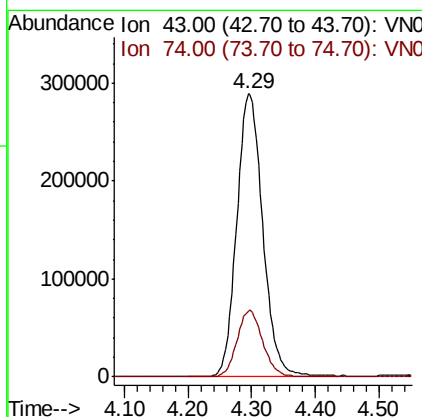
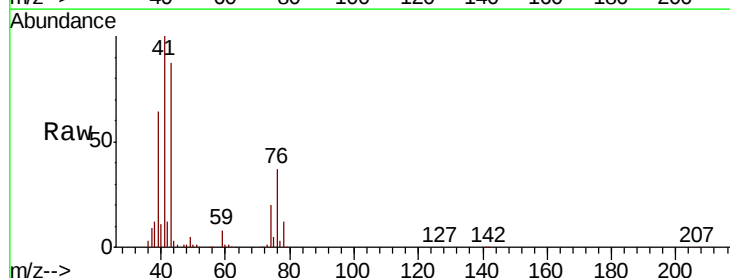
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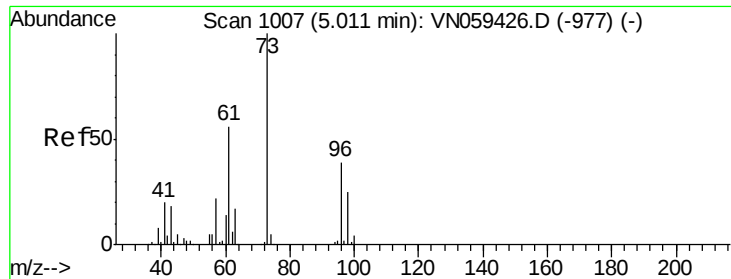
apatel
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#18
Methyl Acetate
Concen: 157.144 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 43 Resp: 817154
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0





#19

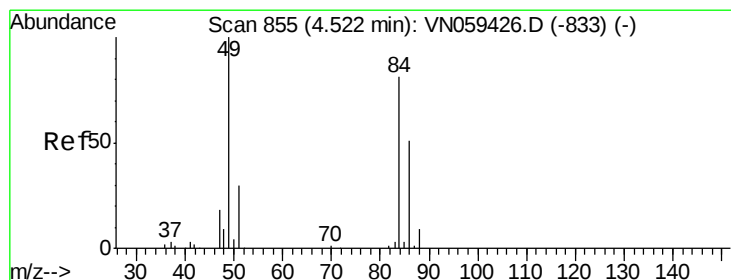
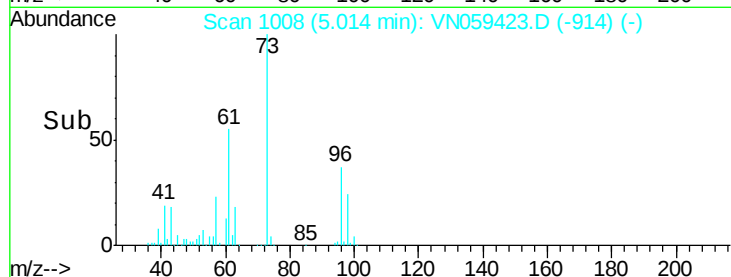
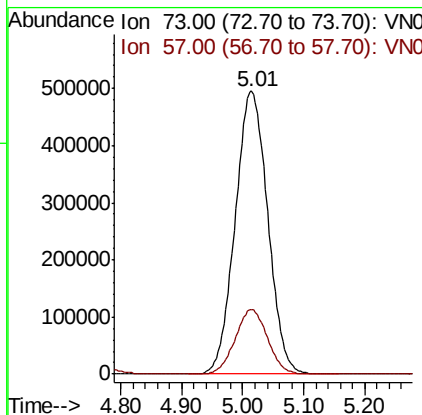
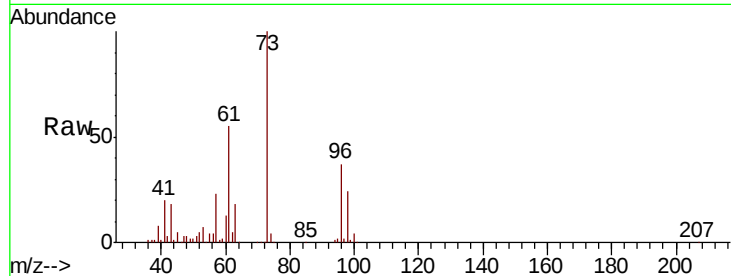
Methyl tert-butyl Ether
 Concen: 167.765 ug/l
 RT: 5.01 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion: 73 Resp: 1836049
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.7 26.5

Manual Integrations
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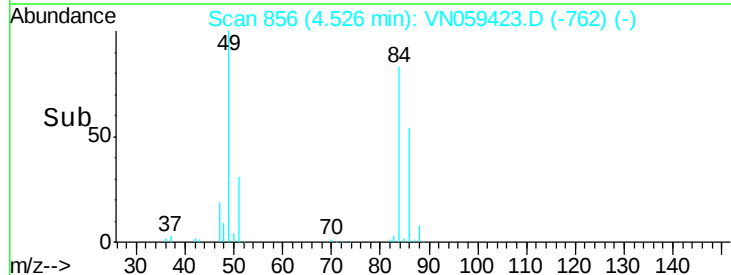
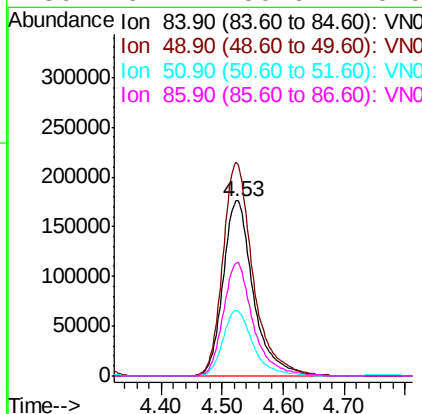
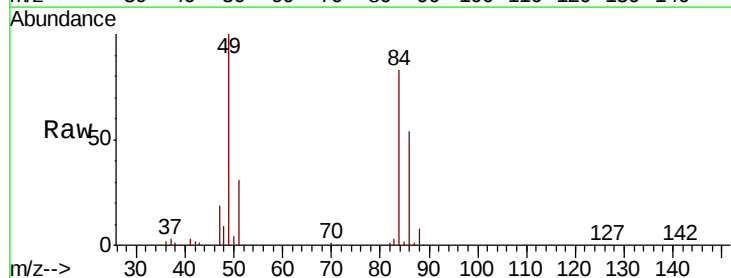
apatel
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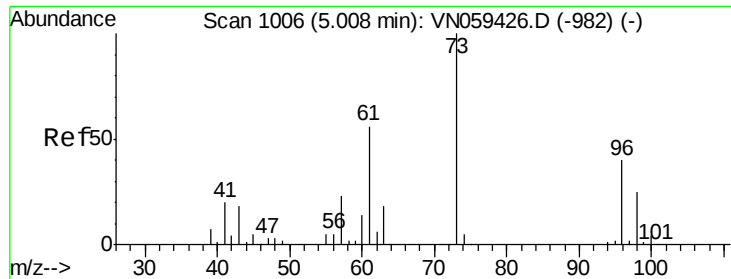


#20

Methylene Chloride
 Concen: 156.348 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion: 84 Resp: 606639
 Ion Ratio Lower Upper
 84 100
 49 120.7 98.6 148.0
 51 37.1 29.4 44.0
 86 64.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 160.263 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

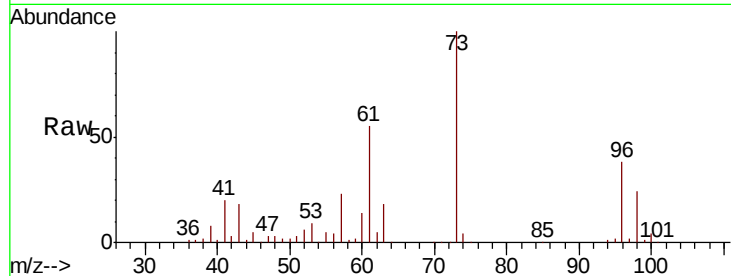
ClientSampleId :

VSTDIC150

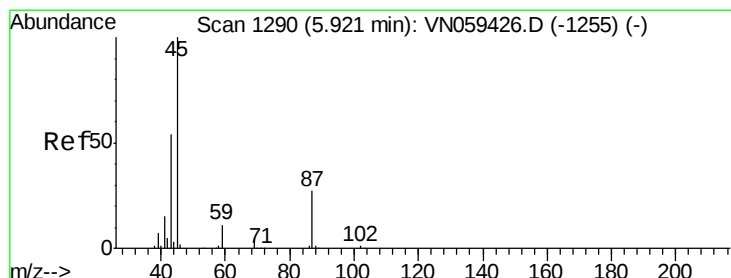
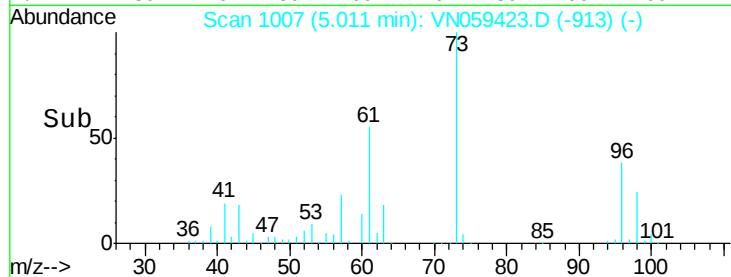
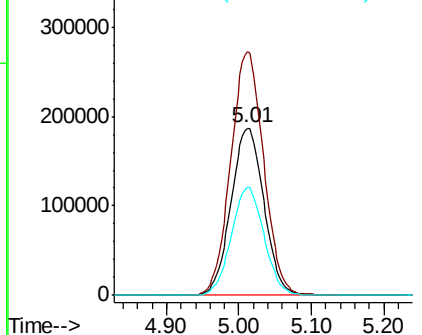
Tot Ion:	96	Resp:	593013
Ion	Ratio	Lower	Upper
96	100		
61	145.7	114.0	171.0
98	64.5	50.5	75.7

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Abundance Ion 95.90 (95.60 to 96.60): VN059423.D (-913) (-)



#22

Diisopropyl ether

Concen: 166.615 ug/l

RT: 5.92 min Scan# 1291

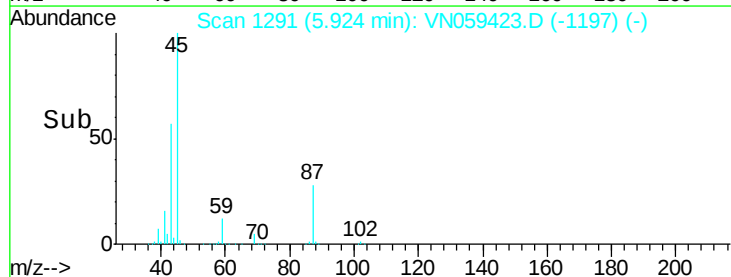
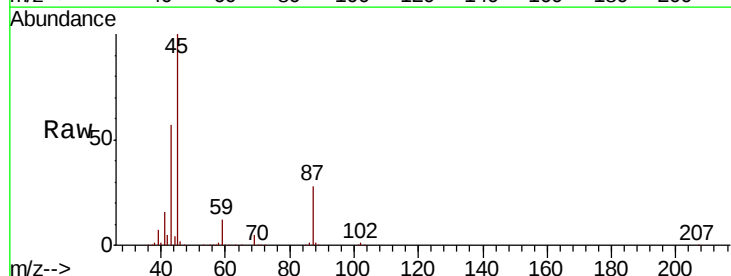
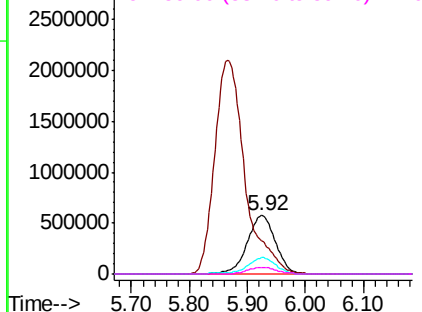
Delta R.T. 0.00 min

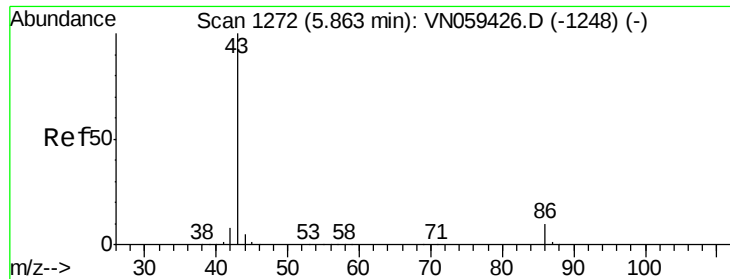
Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion:	45	Resp:	1950273
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.3	69.5
87	27.6	21.8	32.6
59	11.8	9.0	13.4

Abundance Ion 45.00 (44.70 to 45.70): VN059423.D (-1197) (-)





#23

Vinyl Acetate

Concen: 803.169 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 7584590

Ion Ratio Lower Upper

43 100

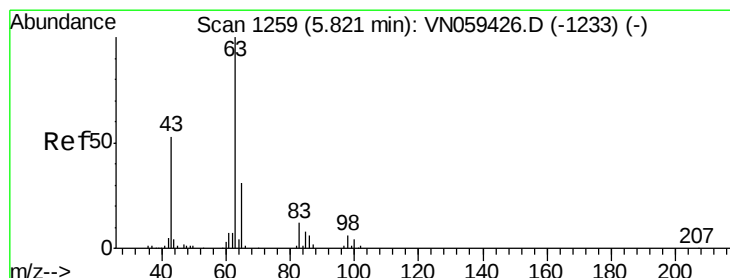
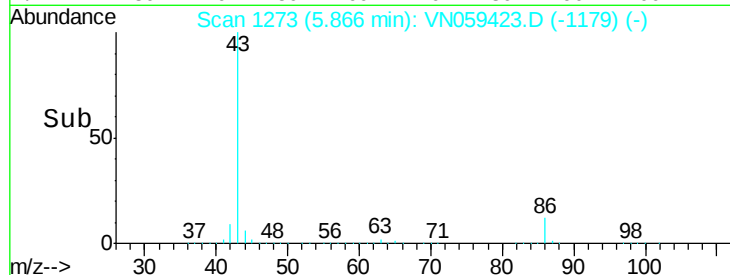
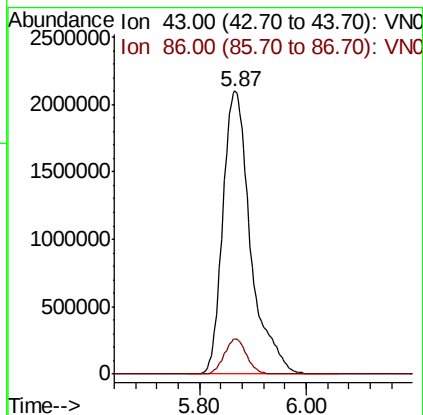
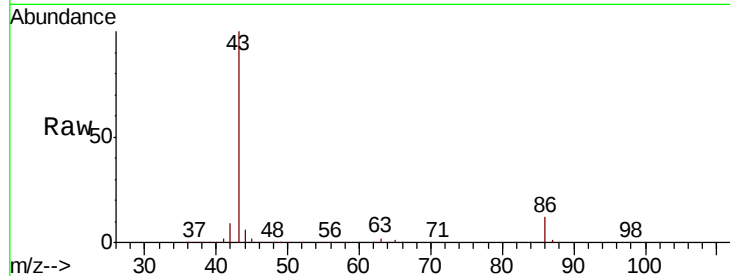
86 12.5 8.2 12.4#

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#24

1,1-Dichloroethane

Concen: 162.256 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

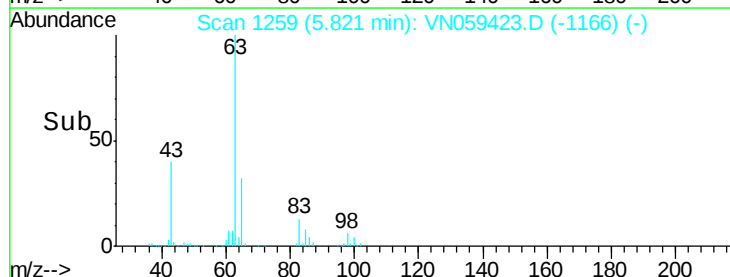
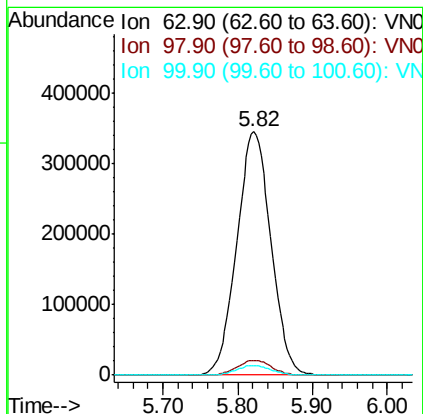
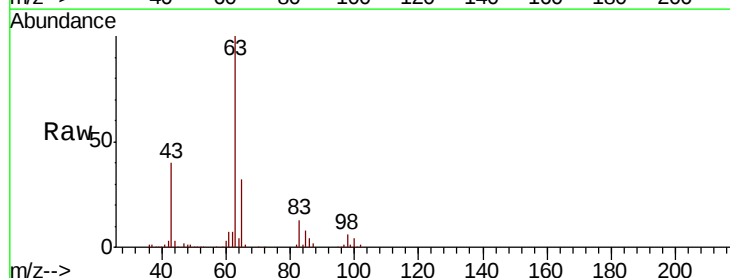
Tgt Ion: 63 Resp: 1092757

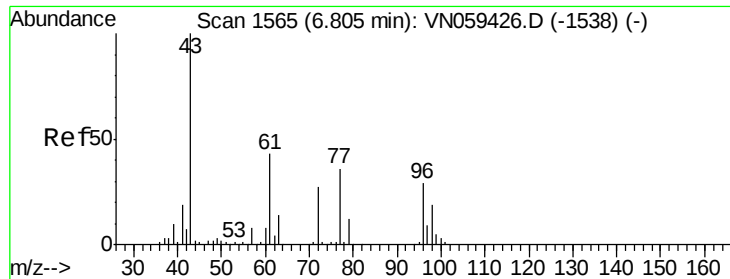
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.0 2.1 6.3





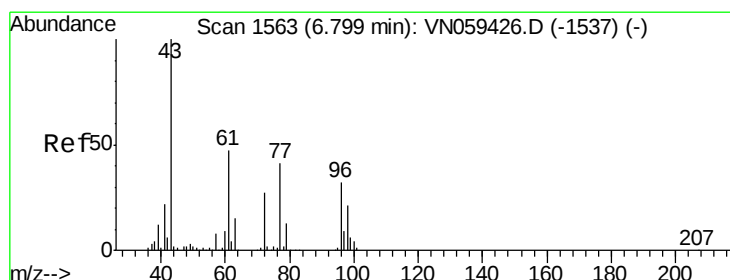
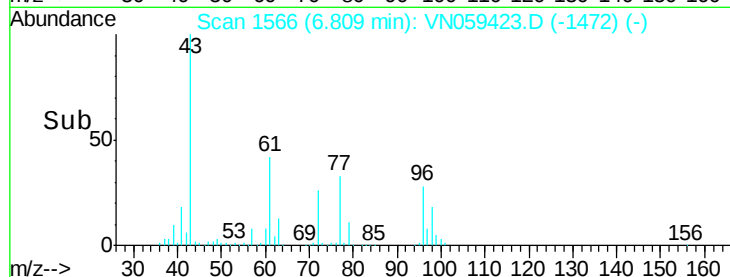
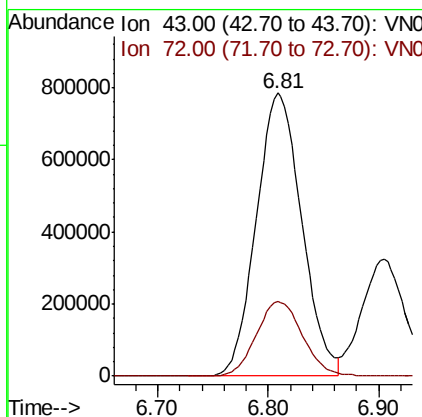
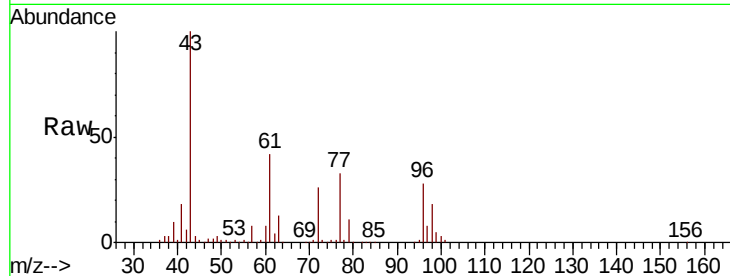
#25
2-Butanone
Concen: 852.416 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 2239237
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2

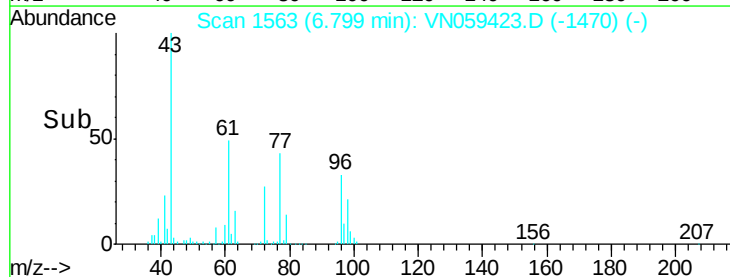
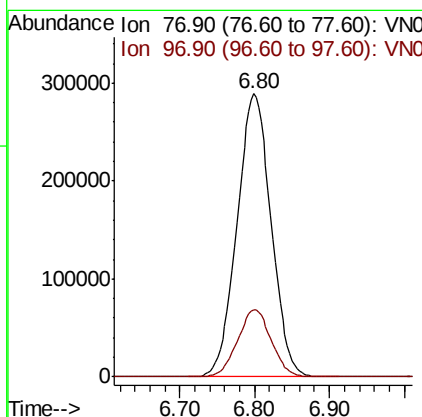
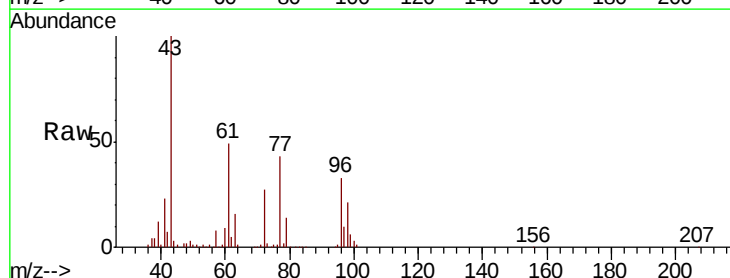
Manual Integrations
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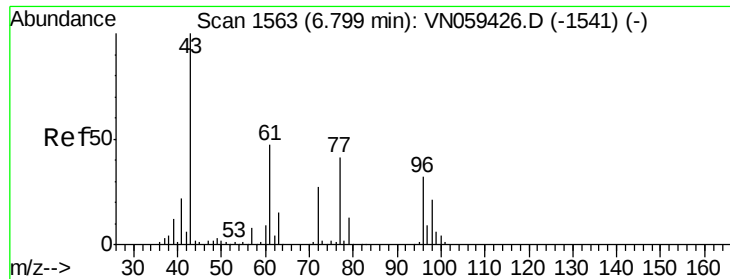
apatel
12/2/2019 10:08:56 AM



#26
2,2-Dichloropropane
Concen: 159.596 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 77 Resp: 914710
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.8





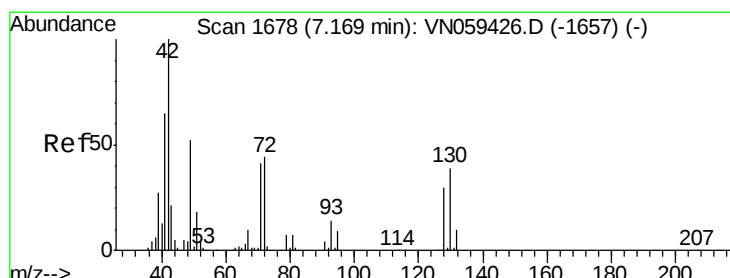
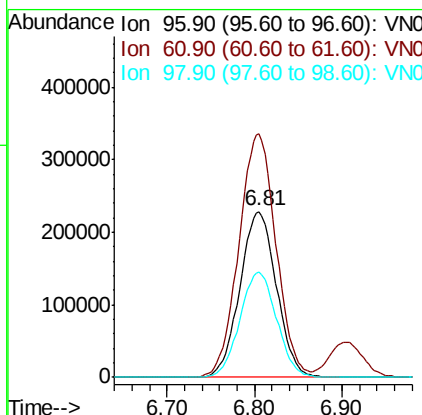
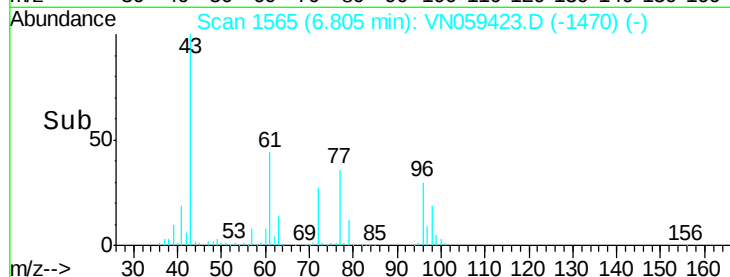
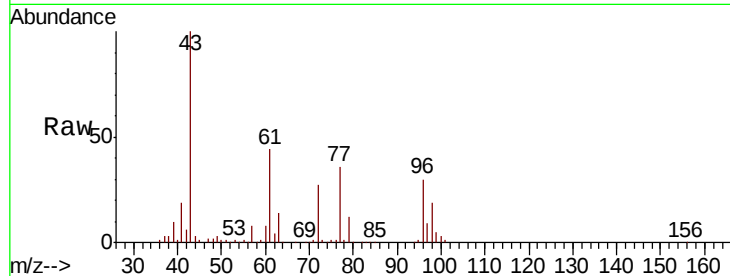
#27
 cis-1,2-Dichloroethene
 Concen: 163.653 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	662286		
61	149.0	0.0	297.6	
98	64.0	0.0	130.8	

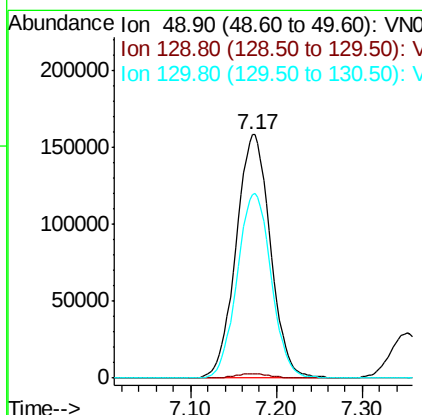
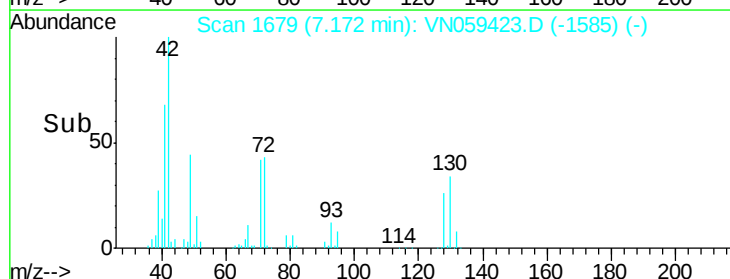
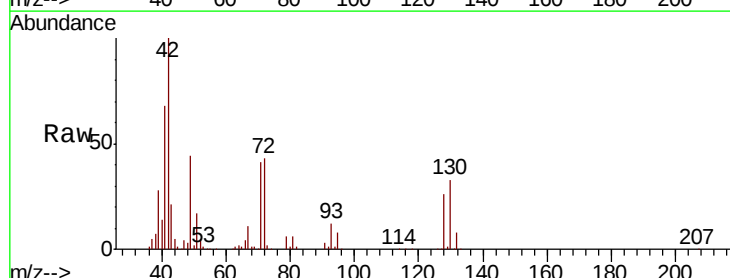
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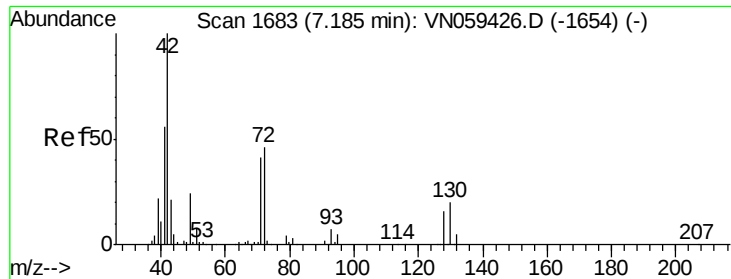
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#28
 Bromochloromethane
 Concen: 188.867 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	439502		
129	1.9	0.0	3.6	
130	75.2	60.5	90.7	





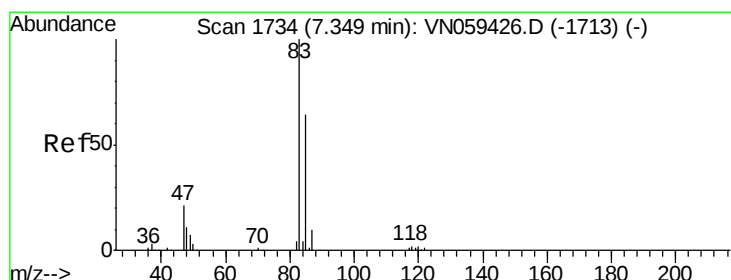
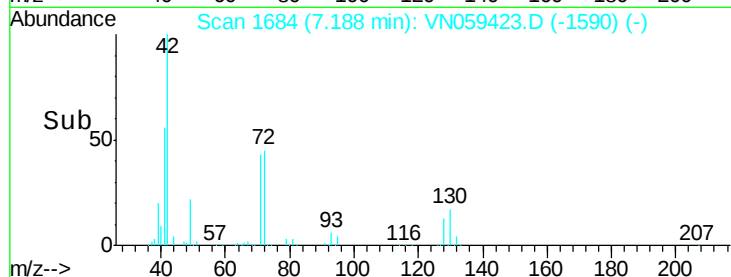
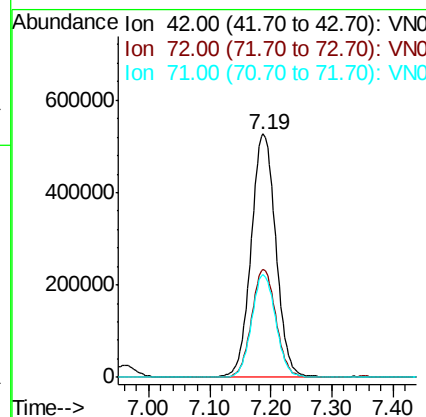
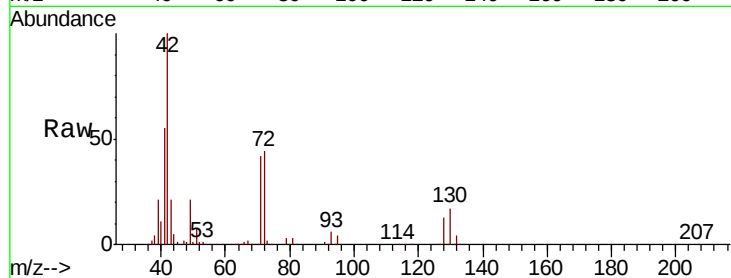
#29
Tetrahydrofuran
Concen: 846.869 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1479577
Ion Ratio Lower Upper
42 100
72 43.7 34.6 51.8
71 41.2 33.0 49.6

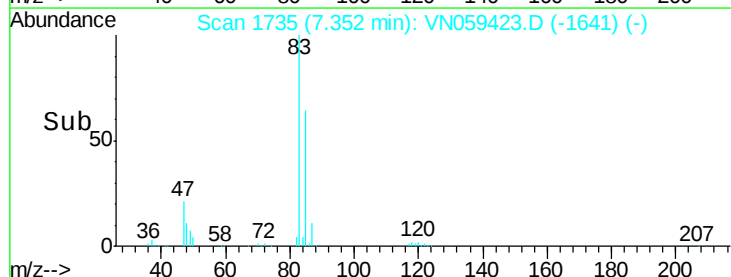
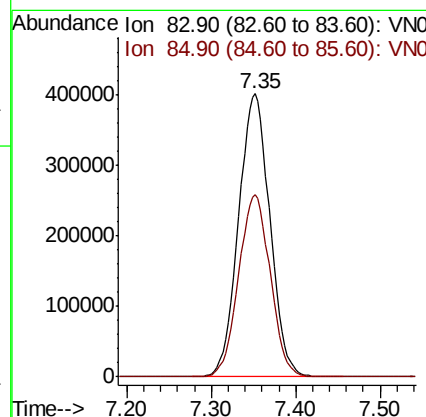
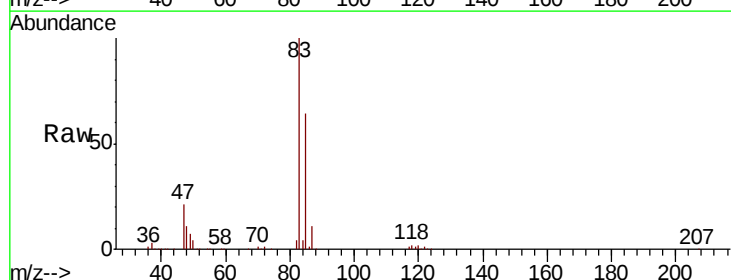
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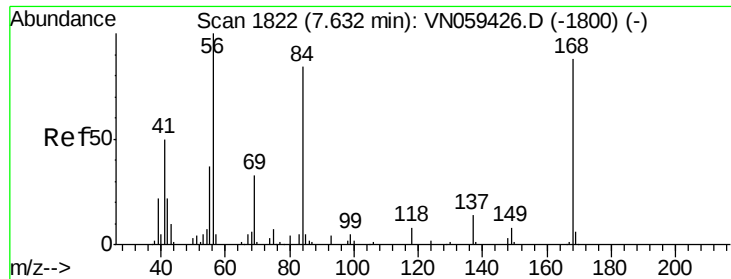
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#30
Chloroform
Concen: 153.094 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 83 Resp: 1037546
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4





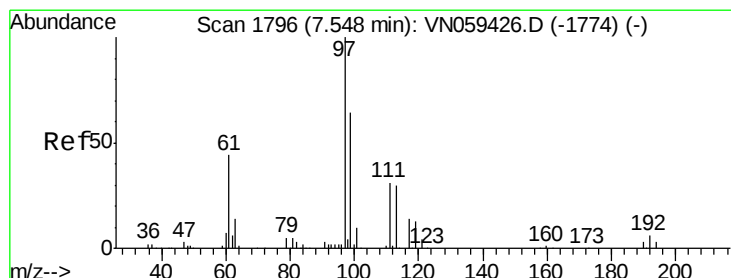
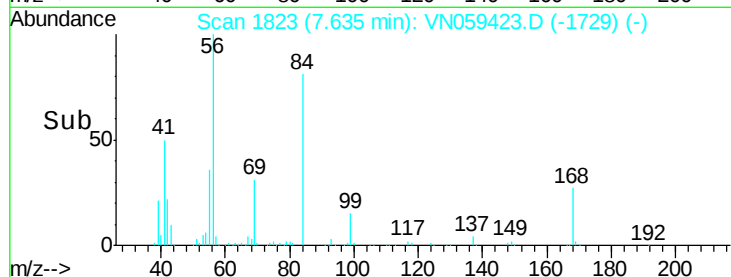
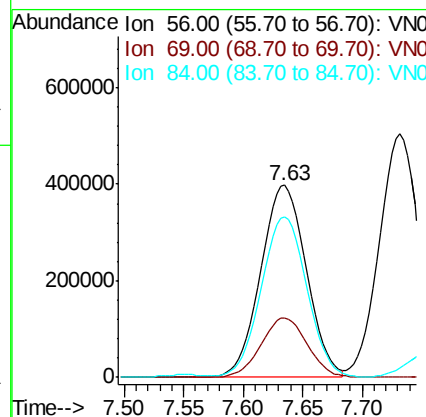
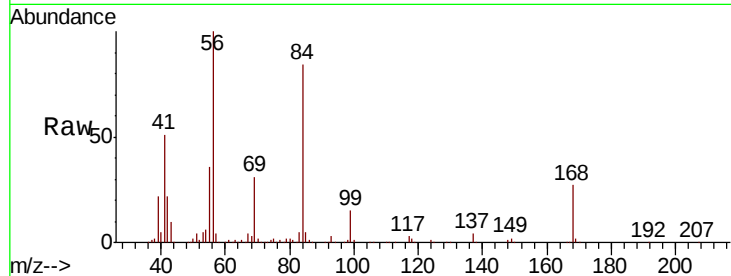
#31
Cyclohexane
Concen: 156.571 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1057082
Ion Ratio Lower Upper
56 100
69 31.2 26.4 39.6
84 82.6 67.0 100.6

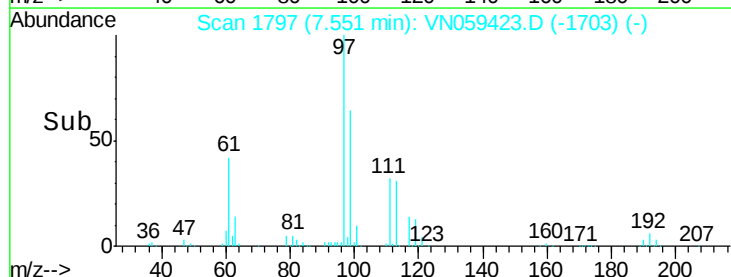
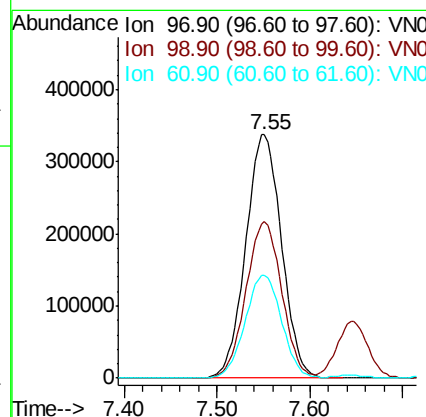
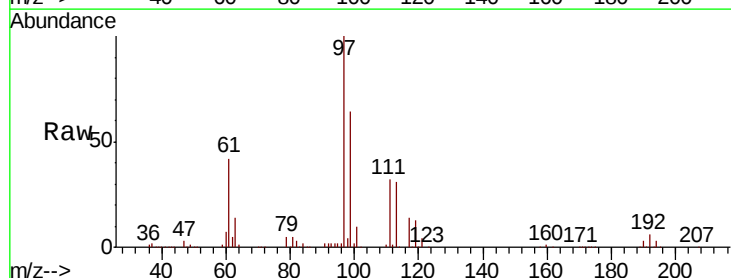
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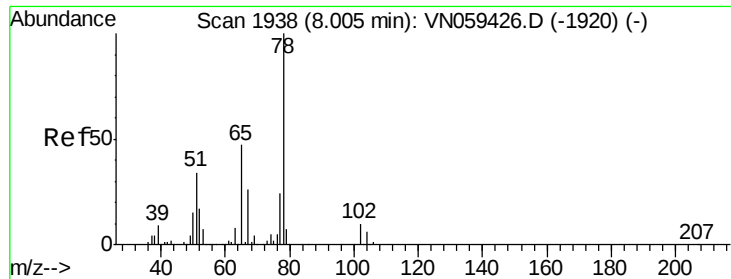
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#32
1,1,1-Trichloroethane
Concen: 163.351 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 97 Resp: 905318
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 43.0 34.3 51.5





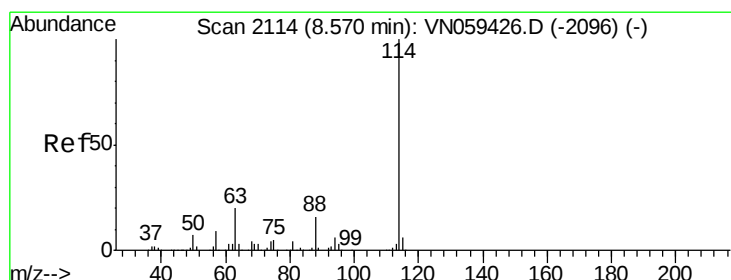
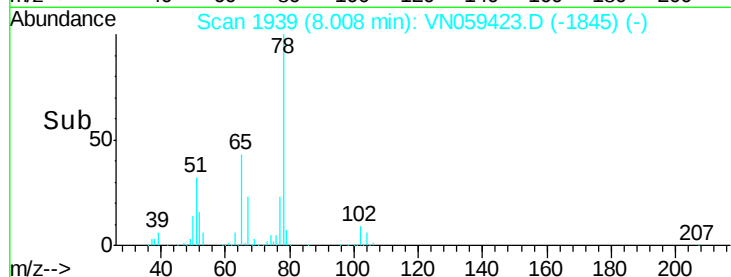
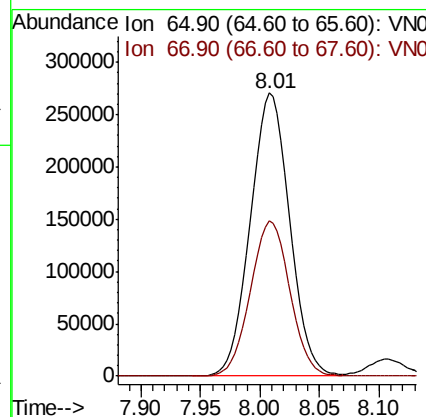
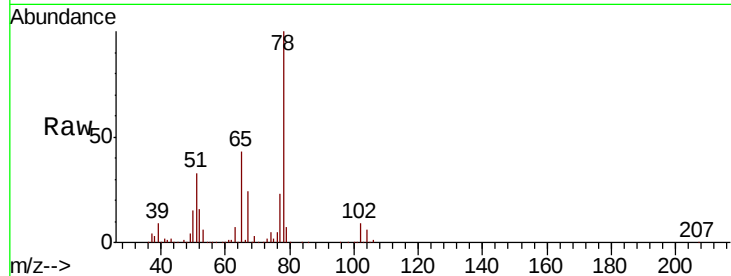
#33
 1,2-Dichloroethane-d4
 Concen: 154.548 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	619471		
67	55.1	0.0	111.2	

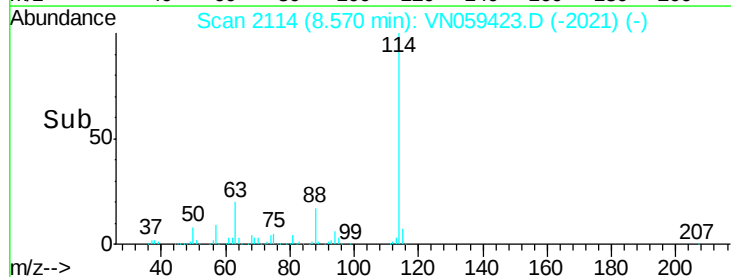
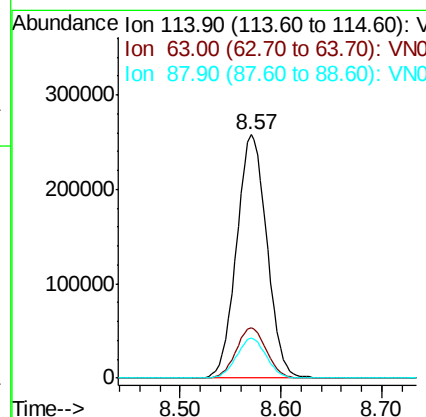
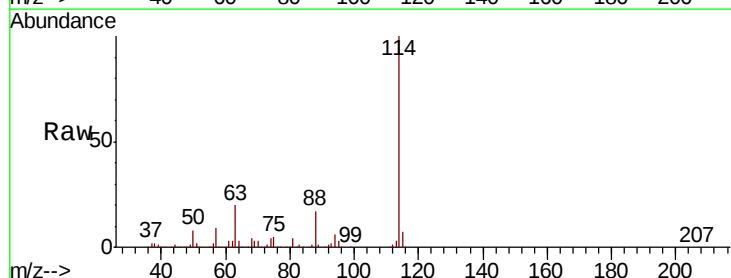
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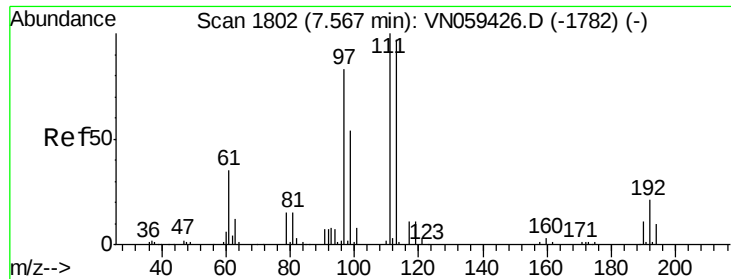
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	537976		
63	20.5	0.0	40.4	
88	16.6	0.0	32.2	





#35

Dibromofluoromethane

Concen: 157.161 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

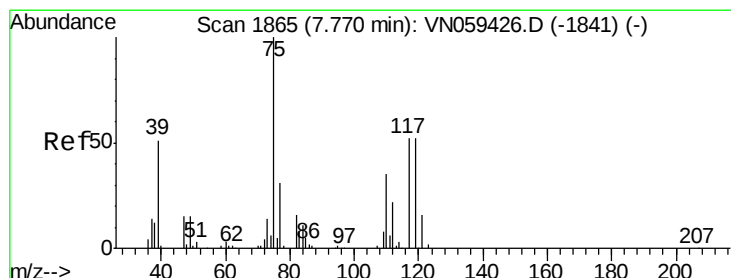
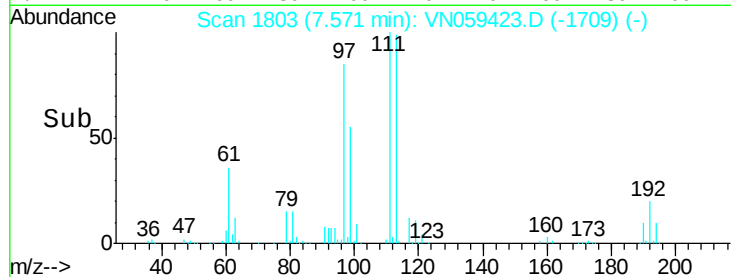
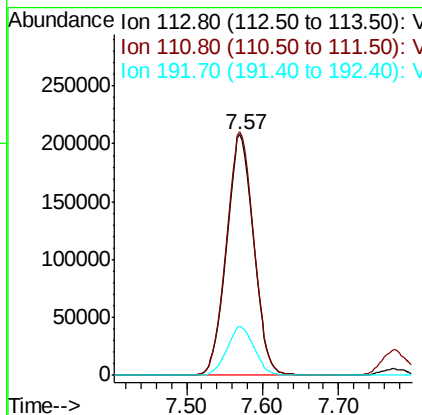
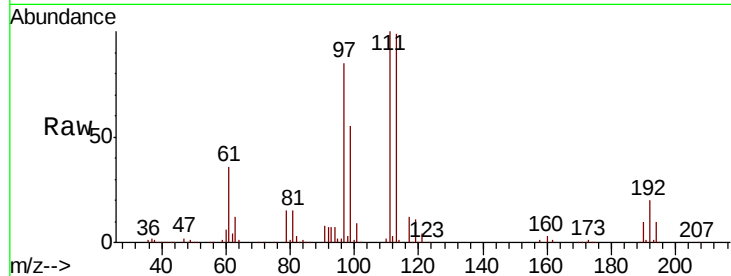
ClientSampled :

VSTDIC150

Tot Ion:	113	Resp:	515002
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	20.4	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 164.228 ug/l

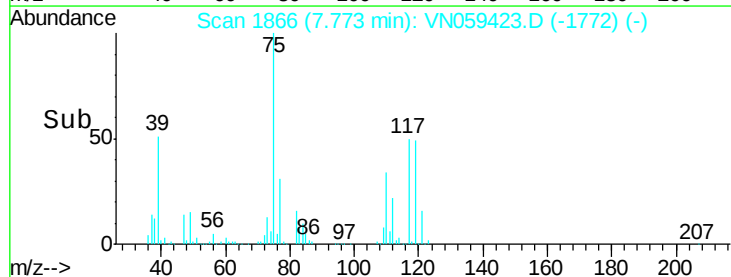
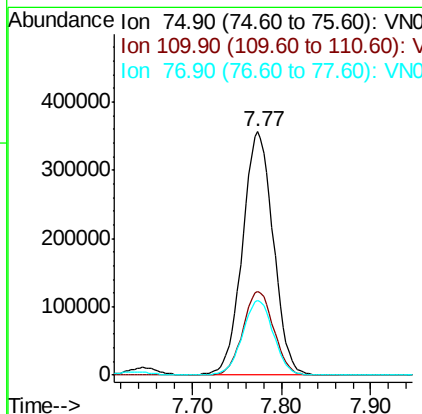
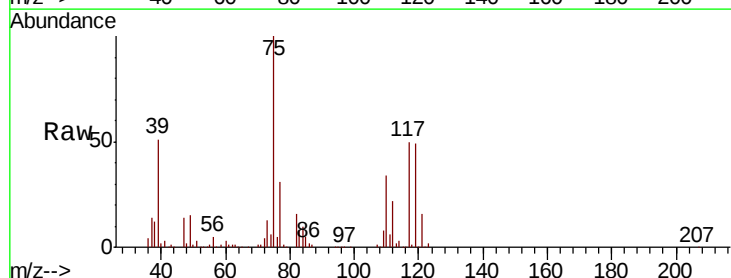
RT: 7.77 min Scan# 1866

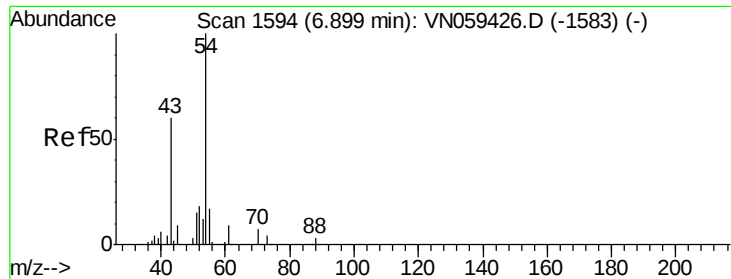
Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion:	75	Resp:	849619
Ion Ratio	Lower	Upper	
75	100		
110	34.5	17.3	52.0
77	31.1	24.9	37.3





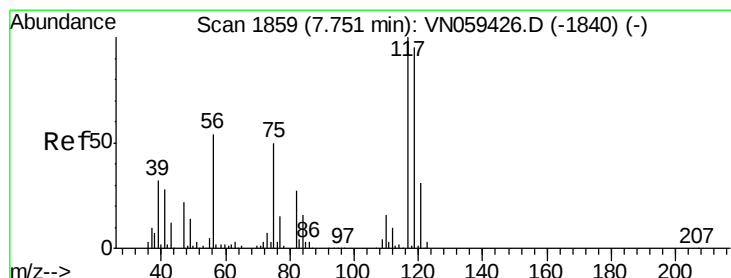
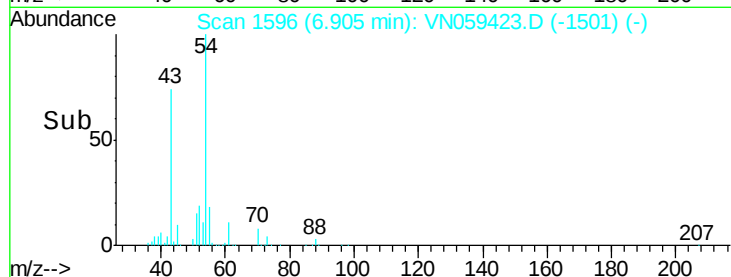
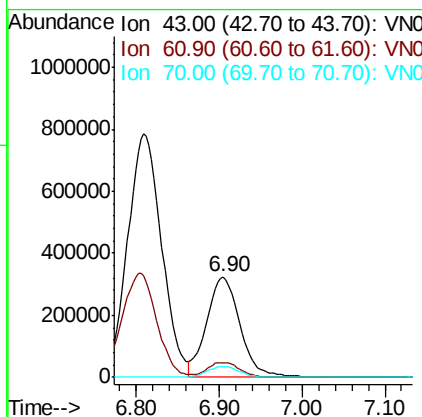
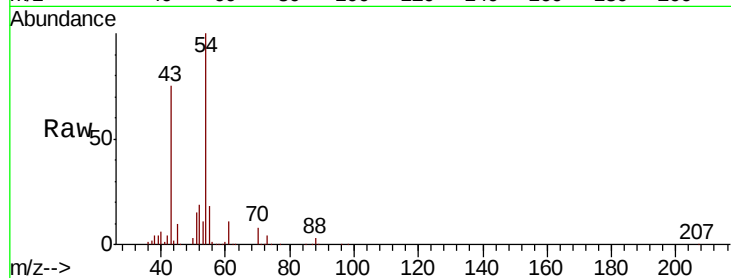
#37
Ethyl Acetate
Concen: 165.120 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.2
70	10.7	8.8	13.2

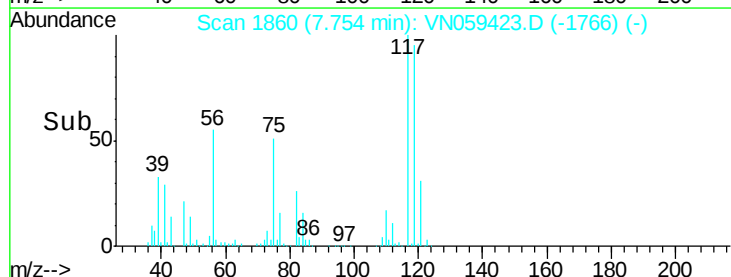
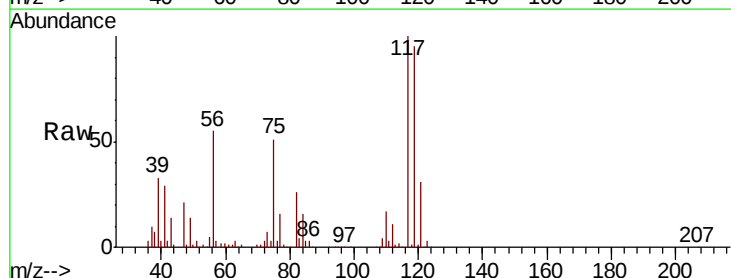
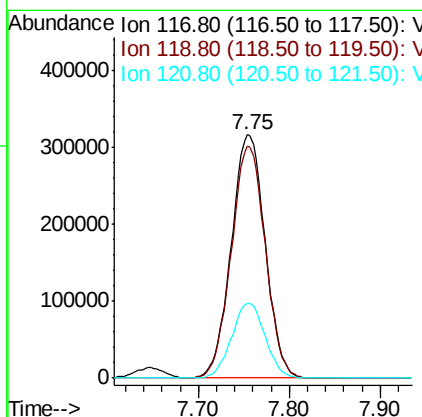
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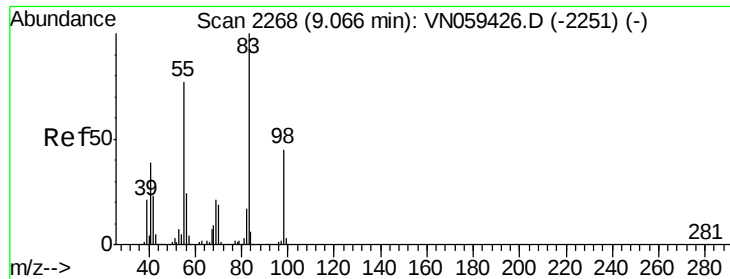
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#38
Carbon Tetrachloride
Concen: 167.334 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
121	30.8	24.6	36.8





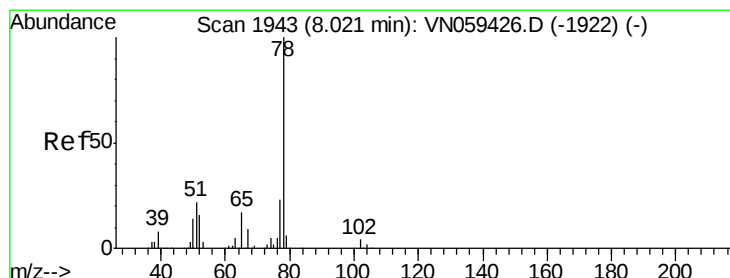
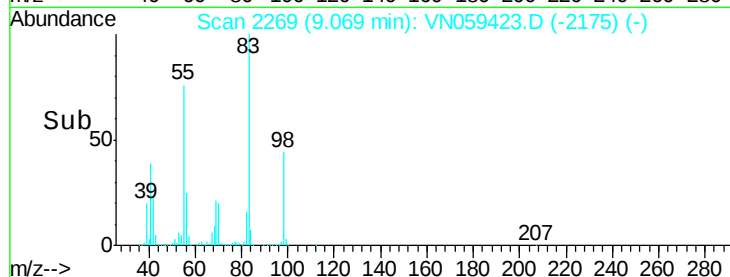
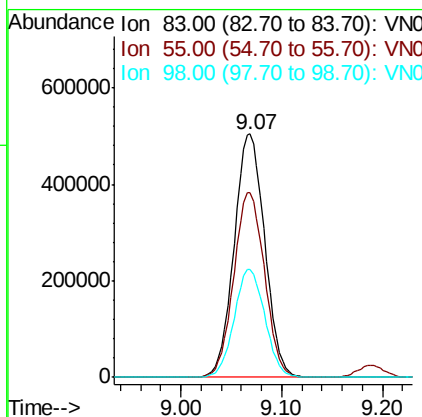
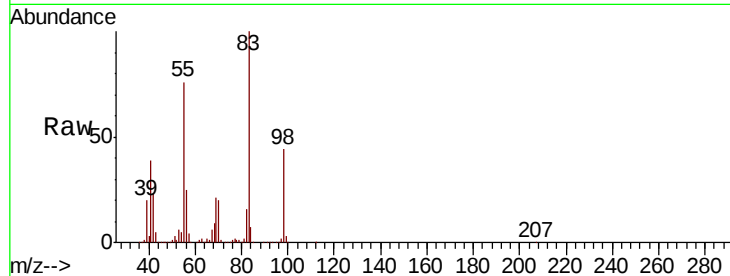
#39
Methvlcvclohexane
Concen: 171.666 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1062484
Ion Ratio Lower Upper
83 100
55 76.1 61.6 92.4
98 44.4 35.7 53.5

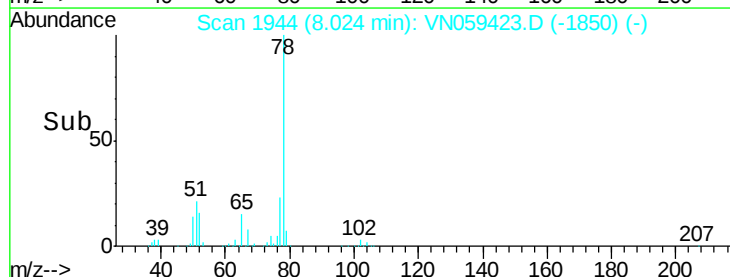
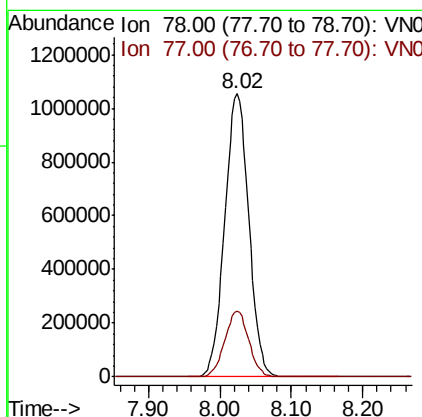
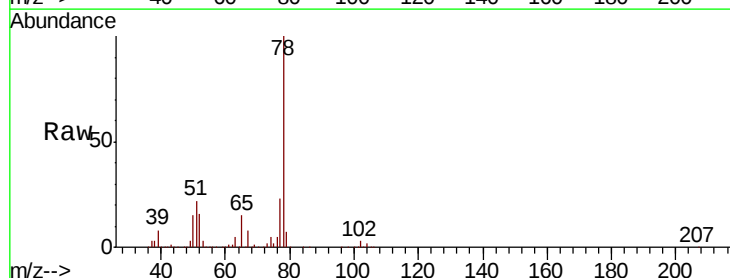
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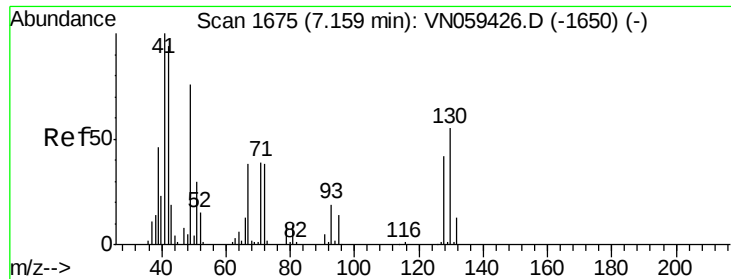
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#40
Benzene
Concen: 161.021 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 78 Resp: 2473410
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5





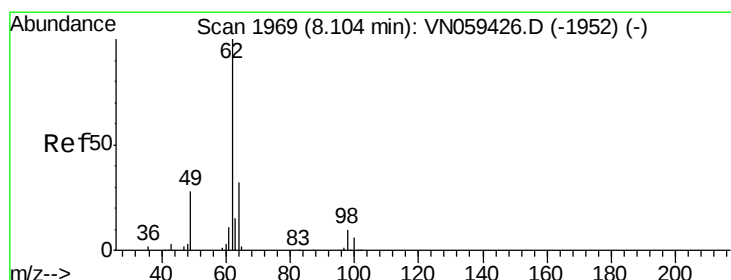
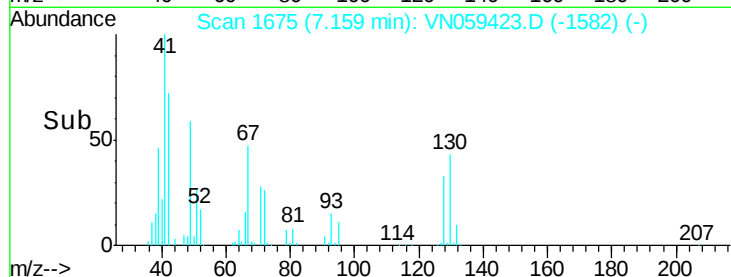
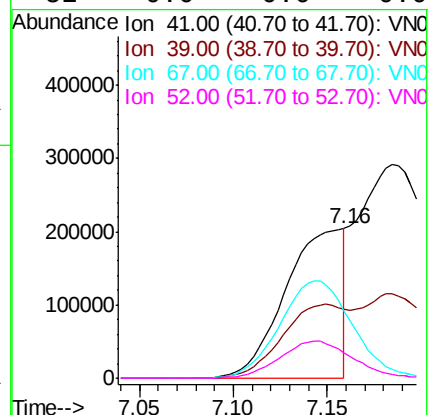
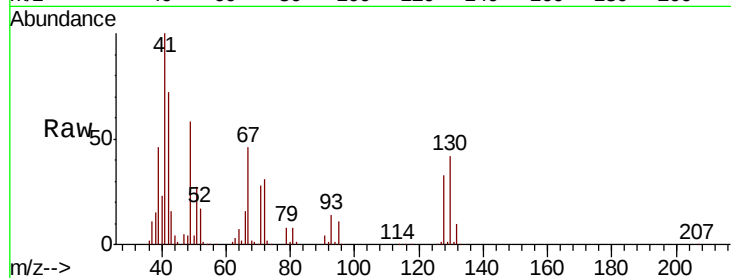
#41
Methacrylonitrile
Concen: 172.007 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	444524
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

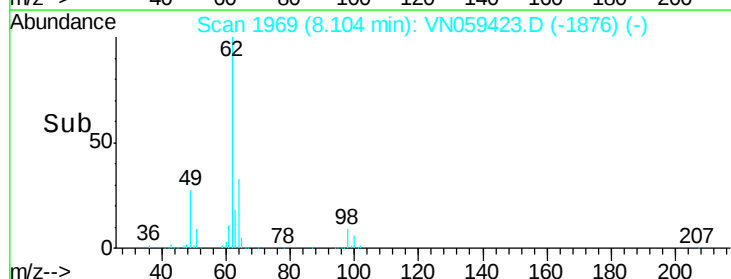
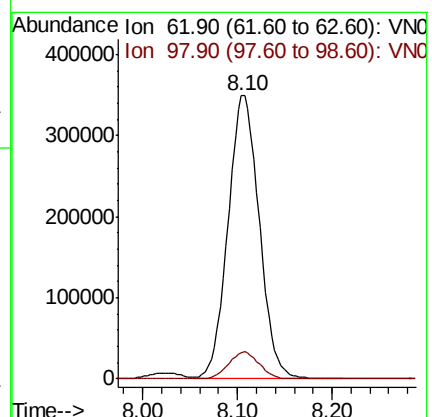
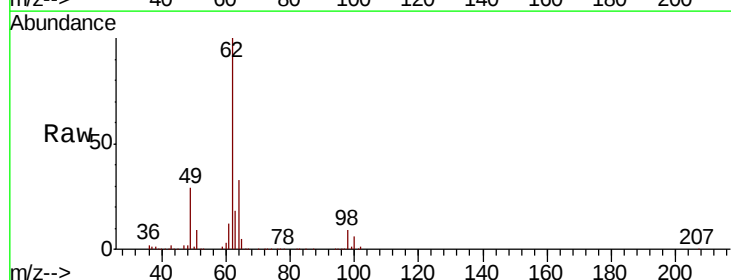
Manual Integrations
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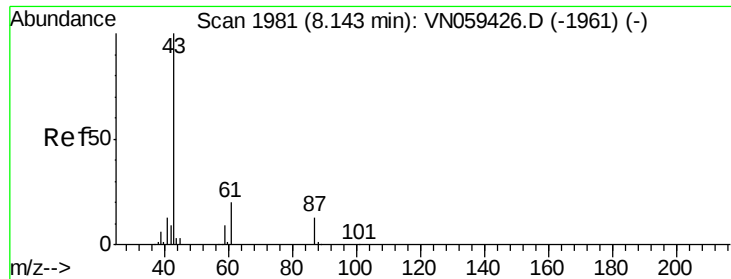
apatel
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#42
1,2-Dichloroethane
Concen: 164.360 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	62	Resp	800553
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 174.543 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1451371

Ion Ratio Lower Upper

43 100

61 27.4 22.2 33.2

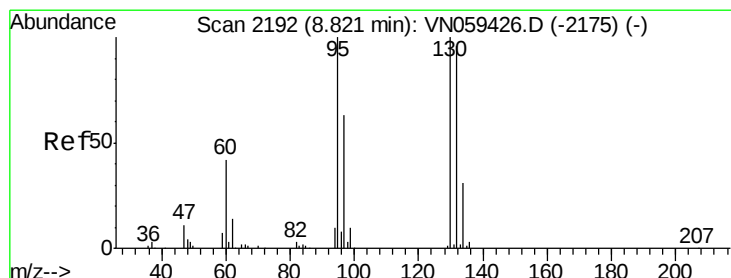
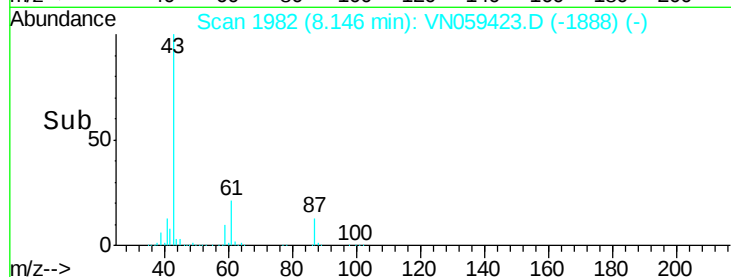
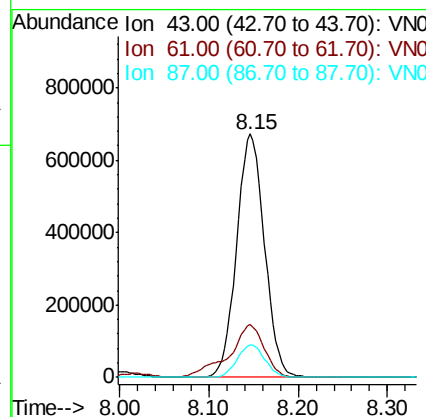
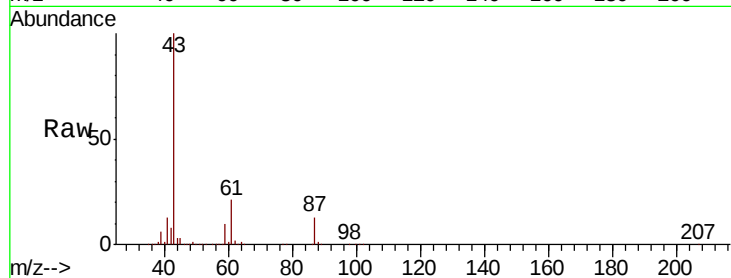
87 13.4 10.7 16.1

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#44

Trichloroethene

Concen: 161.697 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059423.D

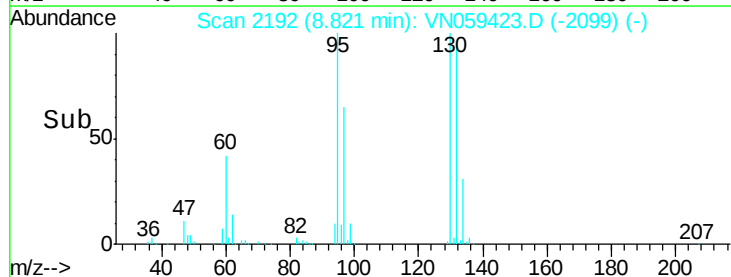
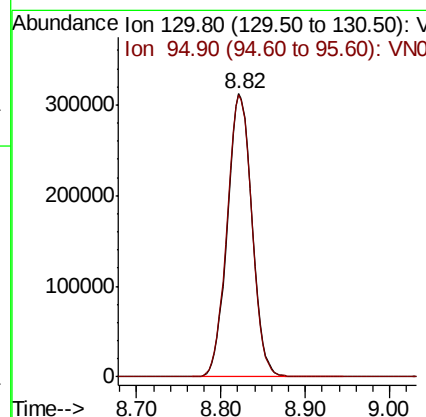
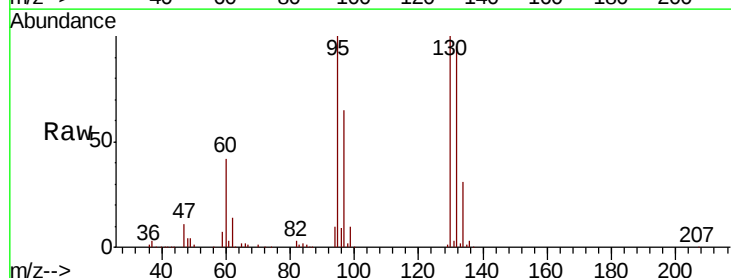
Acq: 27 Nov 2019 14:28

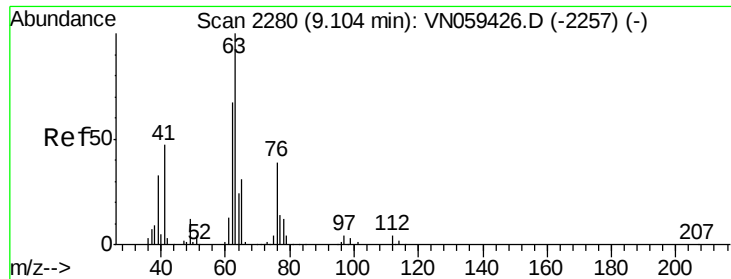
Tgt Ion: 130 Resp: 633317

Ion Ratio Lower Upper

130 100

95 99.7 0.0 199.6





#45

1,2-Dichloropropane

Concen: 164.301 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 660141

Ion Ratio Lower Upper

63 100

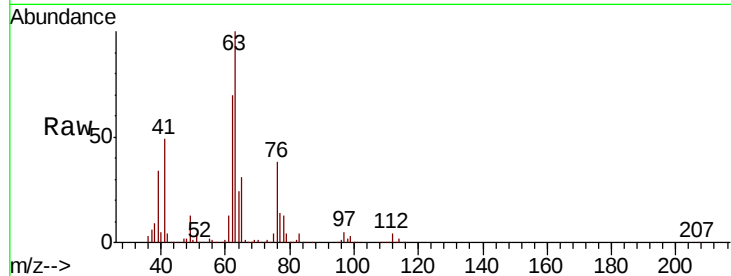
65 31.5 24.6 36.8

Manual Integrations

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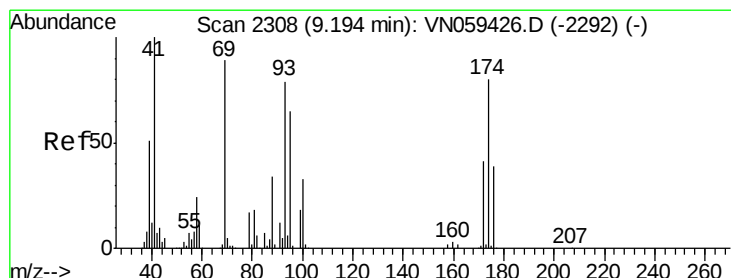
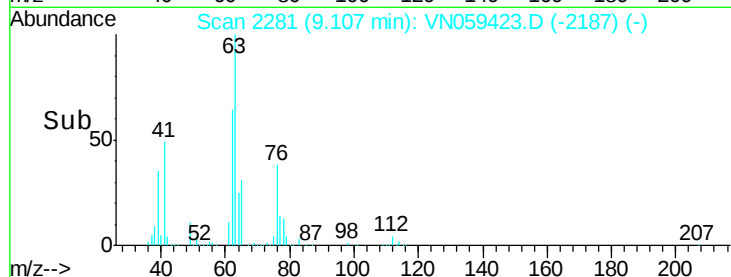
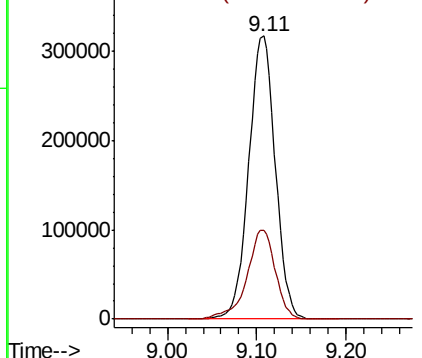
apatel

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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: 166.175 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

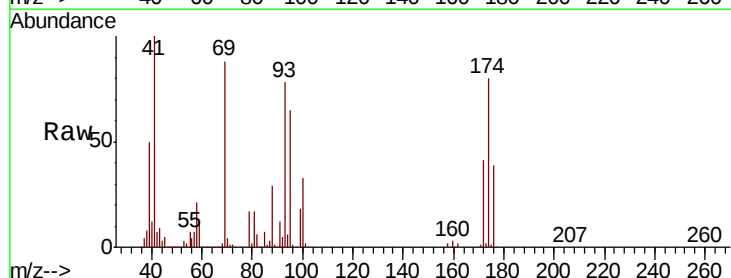
Tgt Ion: 93 Resp: 412025

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

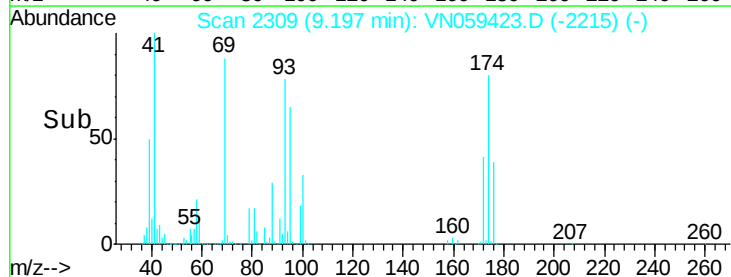
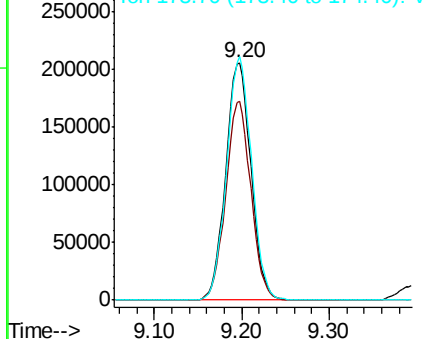
174 101.5 81.8 122.8

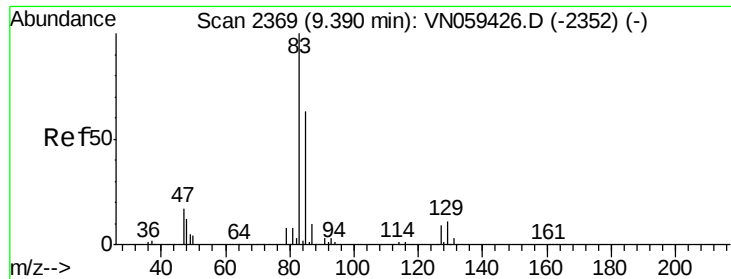


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





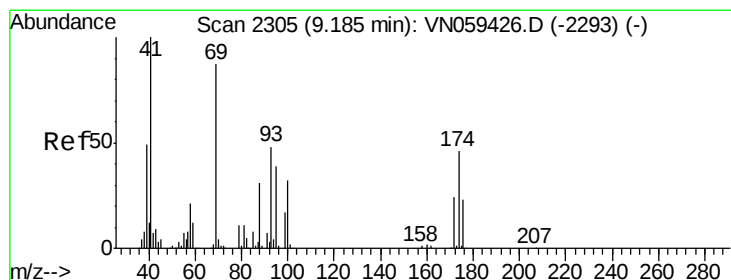
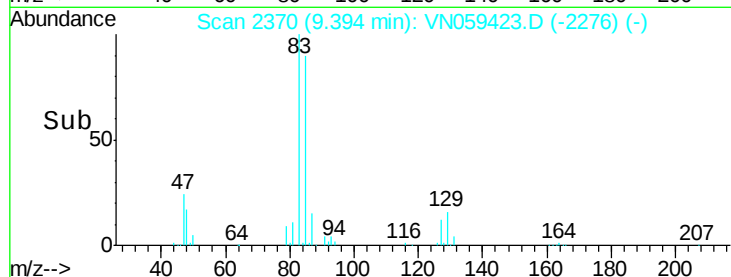
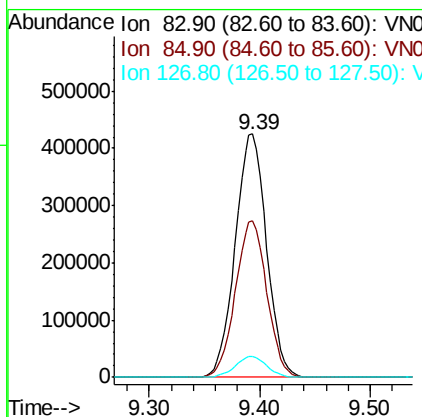
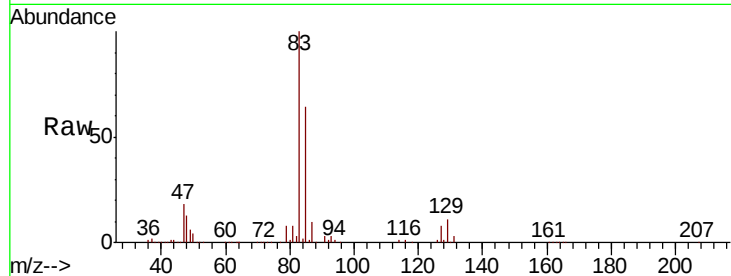
#47
Bromodichloromethane
Concen: 166.347 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.4	50.6	75.8	
127	8.5	6.8	10.2	

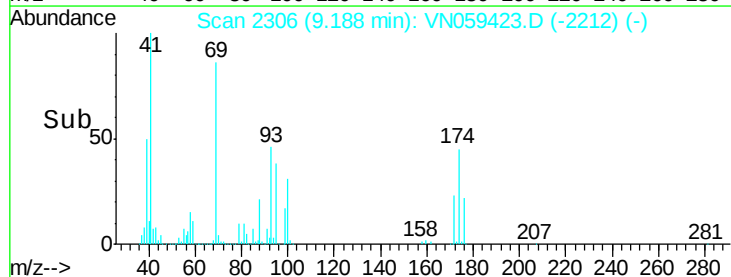
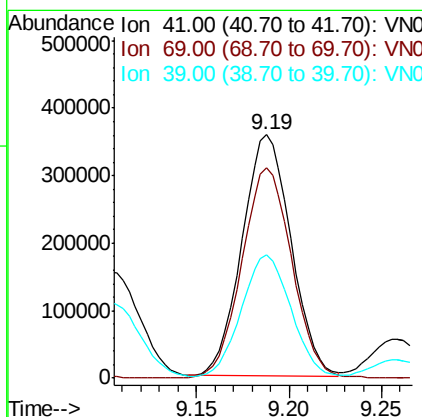
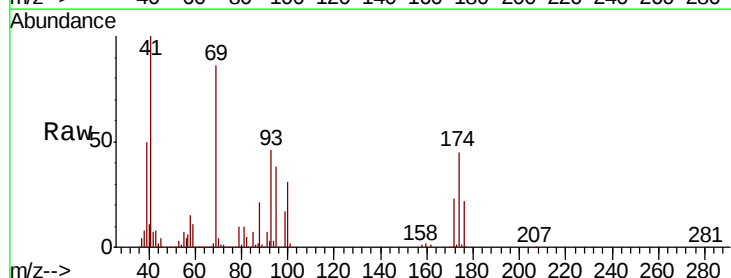
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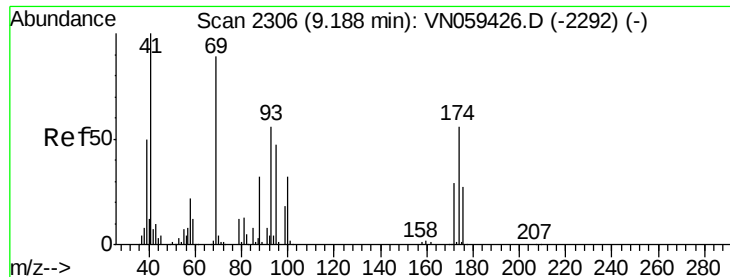
apatel
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#48
Methyl methacrylate
Concen: 178.195 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.1	71.6	107.4	
39	50.2	41.3	61.9	





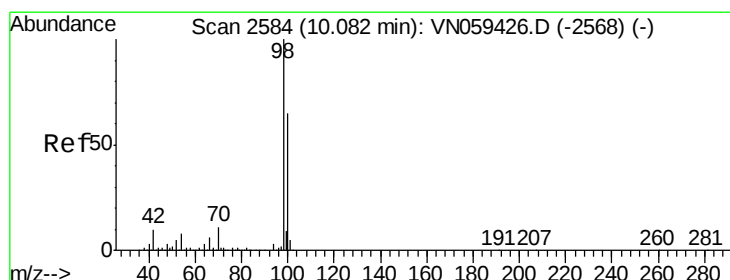
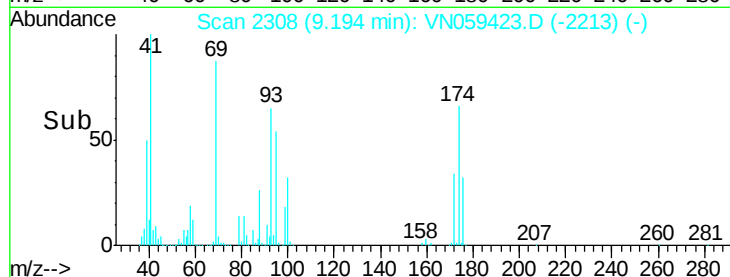
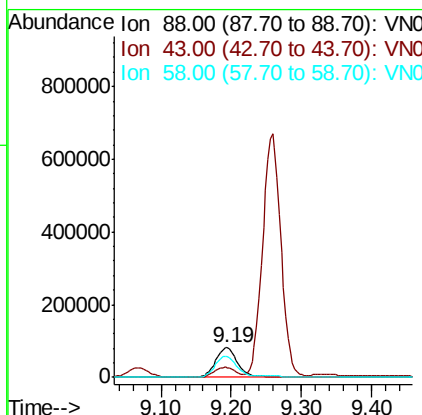
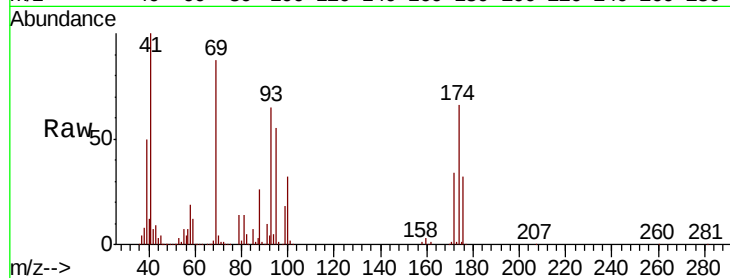
#49
1,4-Dioxane
Concen: 3370.846 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	23.7	35.5
58	68.5	56.3	84.5

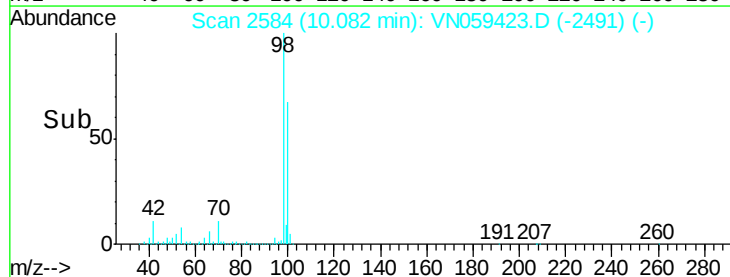
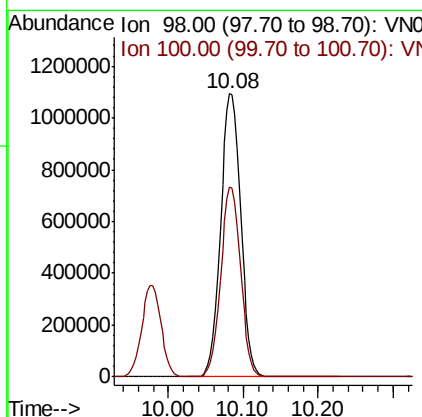
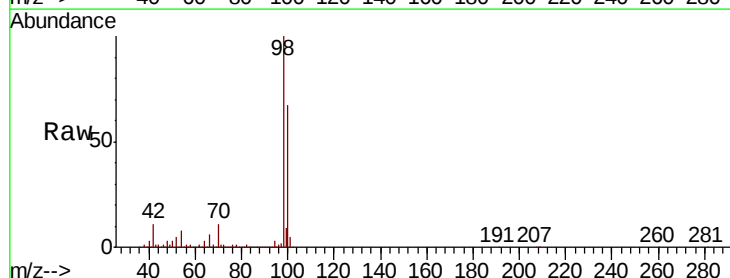
Manual Integrations
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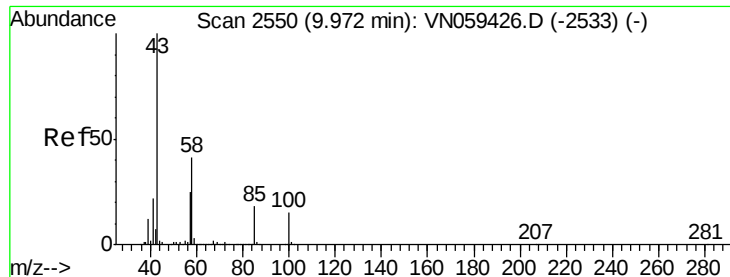
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#50
Toluene-d8
Concen: 155.374 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





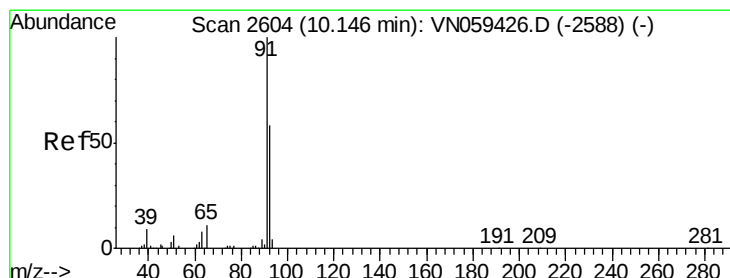
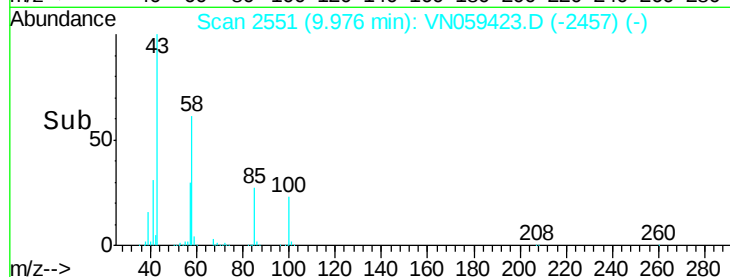
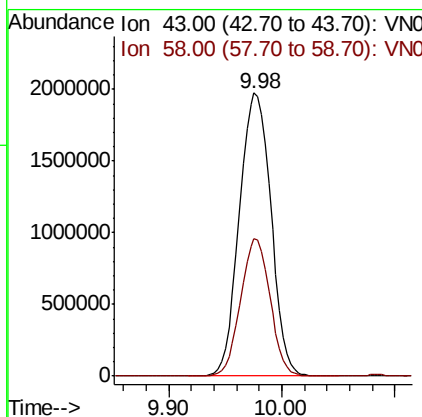
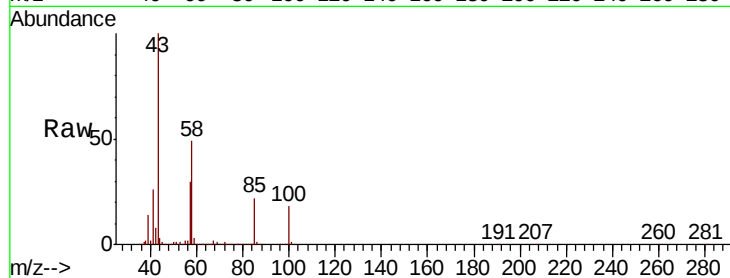
#51
4-Methyl-2-Pentanone
Concen: 799.100 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 3854183
Ion Ratio Lower Upper
43 100
58 45.2 32.5 48.7

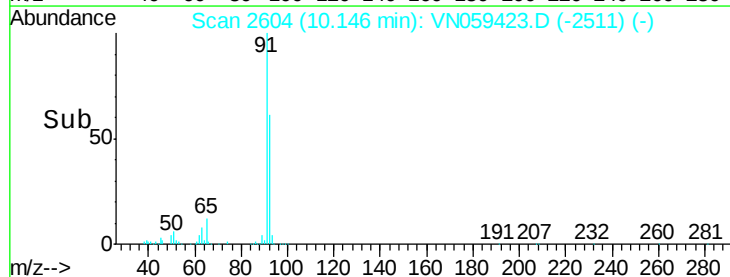
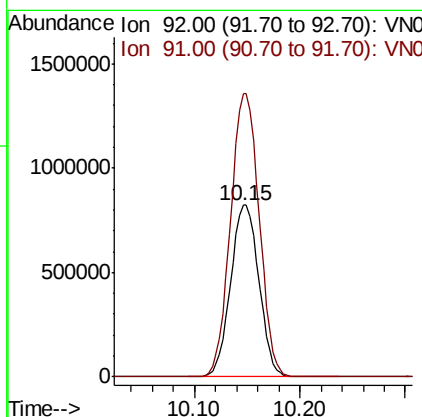
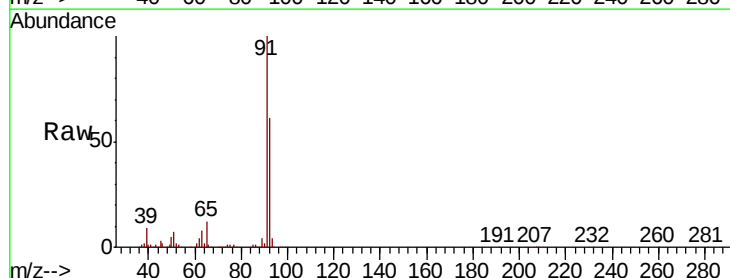
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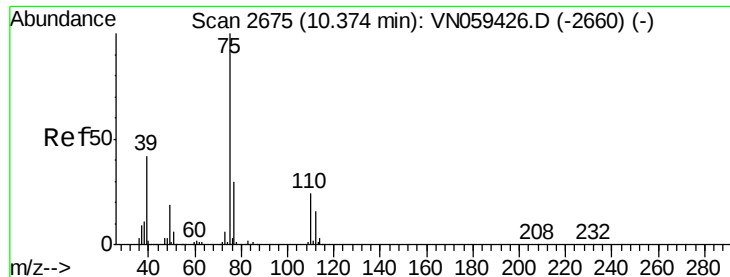
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#52
Toluene
Concen: 166.166 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 92 Resp: 1524894
Ion Ratio Lower Upper
92 100
91 167.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 173.217 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 998150

Ion Ratio Lower Upper

75 100

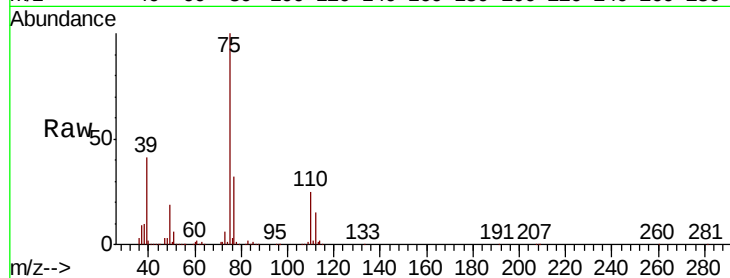
77 31.4 25.5 38.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

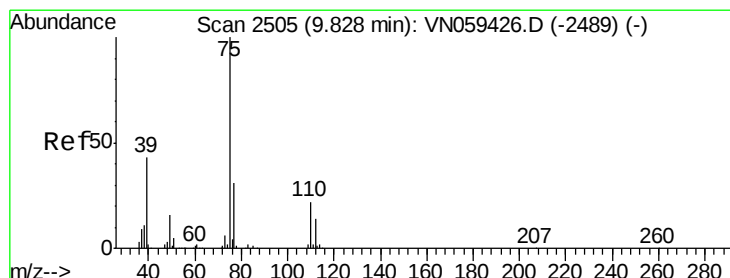
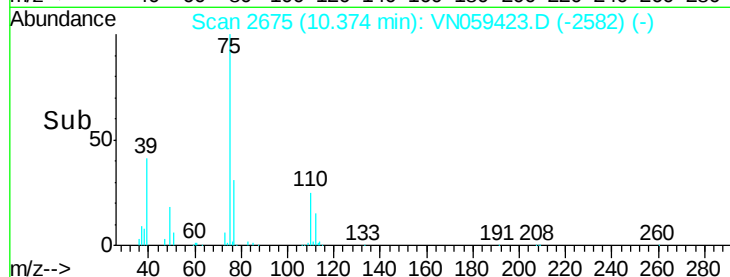
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 173.853 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

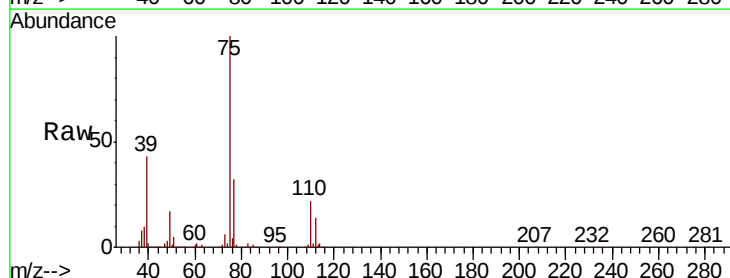
Tgt Ion: 75 Resp: 1081460

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 42.7 34.0 51.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

800000

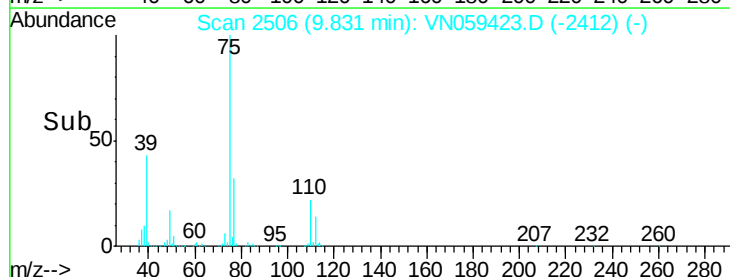
600000

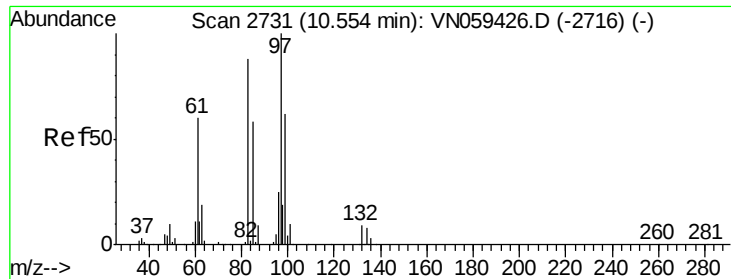
400000

200000

0

Time-->





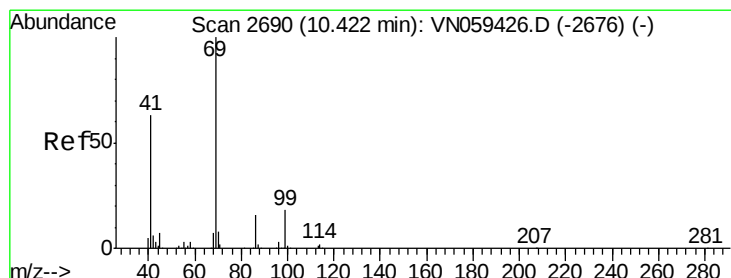
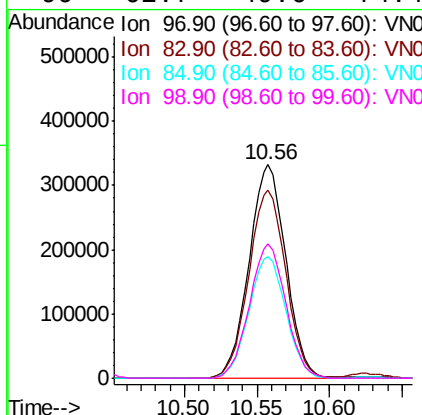
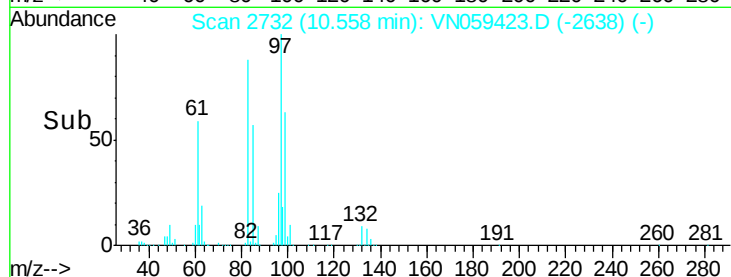
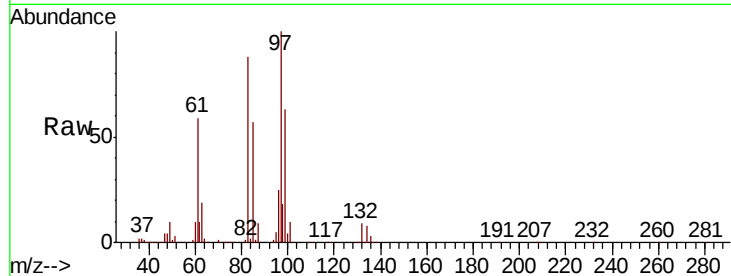
#55
 1,1,2-Trichloroethane
 Concen: 163.631 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion:	97	Resp:	587752
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.7	106.1
85	57.0	46.4	69.6
99	62.7	49.6	74.4

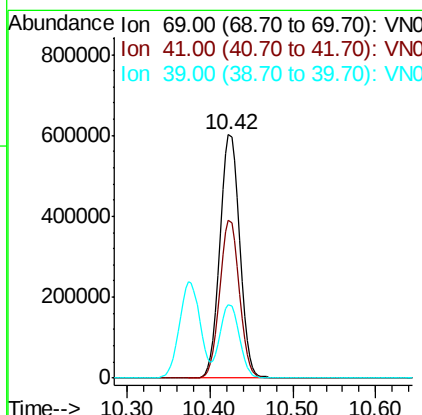
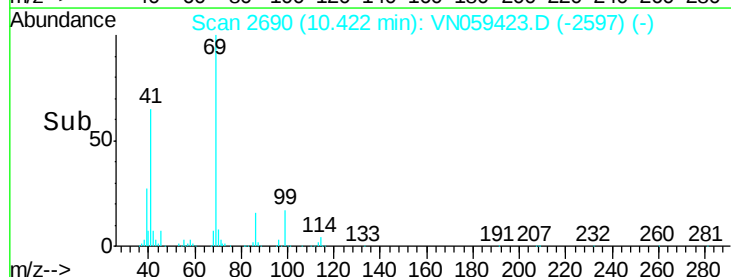
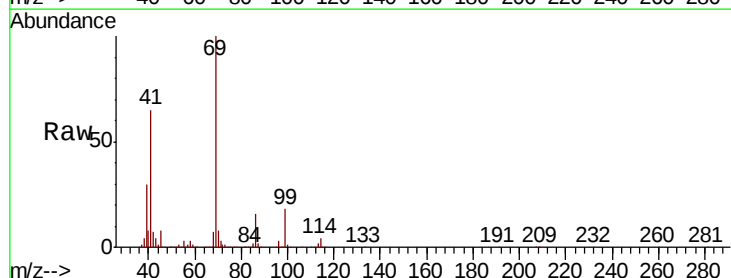
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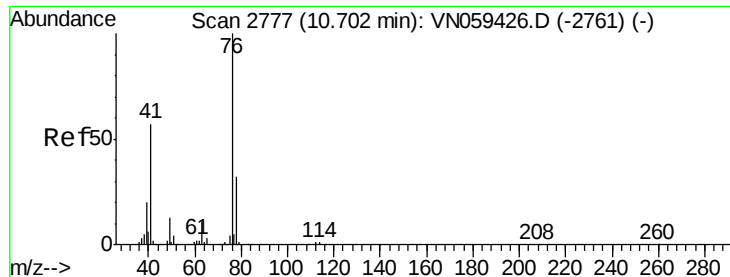
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#56
 Ethyl methacrylate
 Concen: 188.741 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion:	69	Resp:	988883
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.1	75.1
39	30.0	23.9	35.9





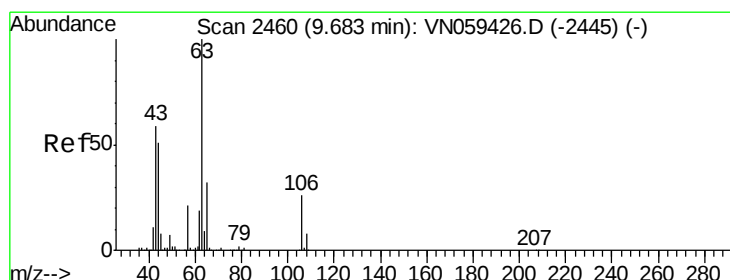
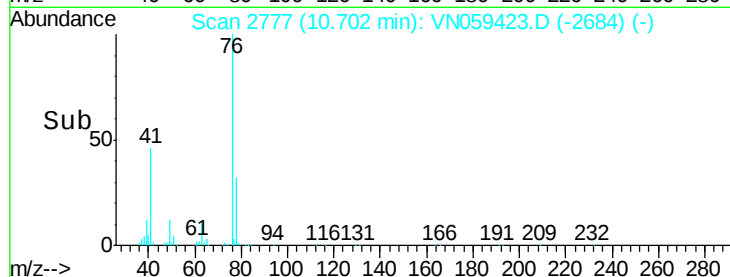
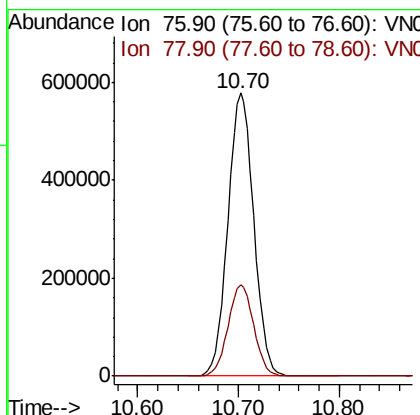
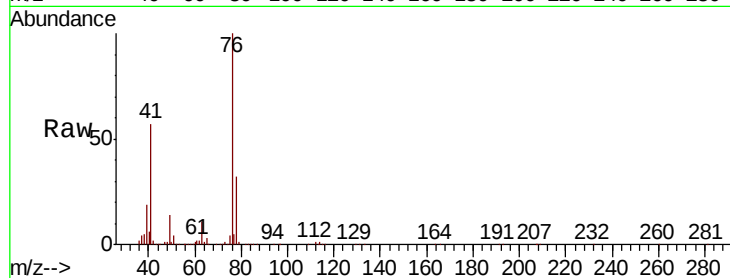
#57
 1,3-Dichloropropane
 Concen: 166.252 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1032117
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3

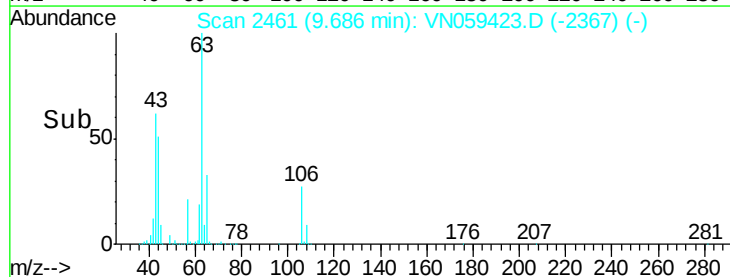
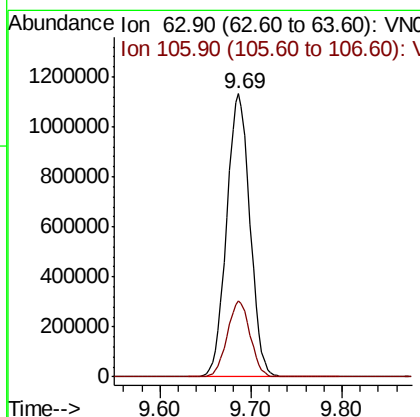
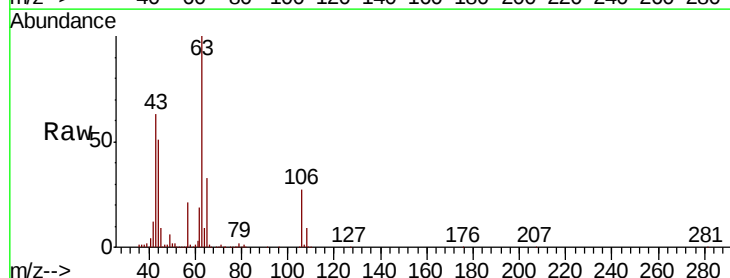
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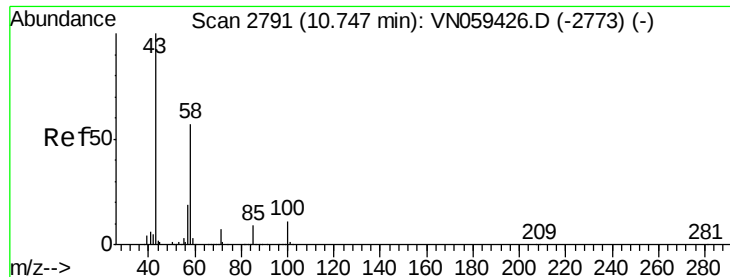
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#58
 2-Chloroethyl Vinyl ether
 Concen: 1306.777 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion: 63 Resp: 2011168
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.9 31.3





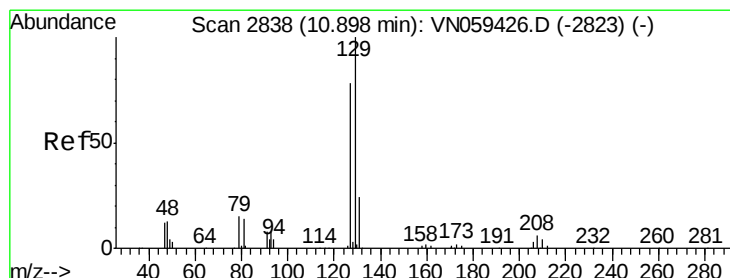
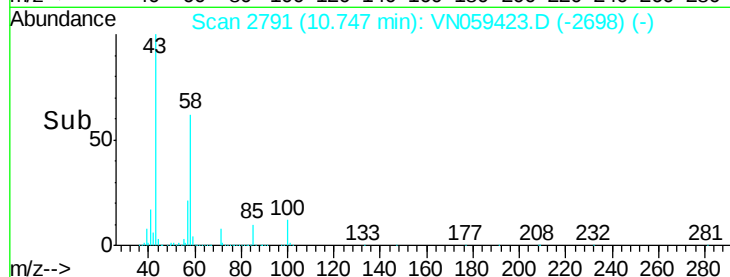
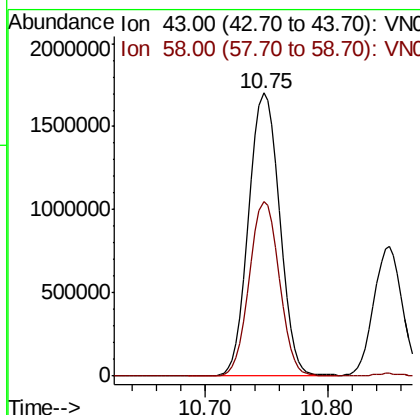
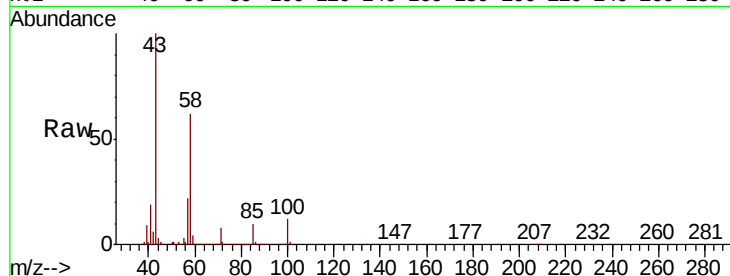
#59
2-Hexanone
Concen: 834.748 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2985443
Ion Ratio Lower Upper
43 100
58 59.8 28.3 85.0

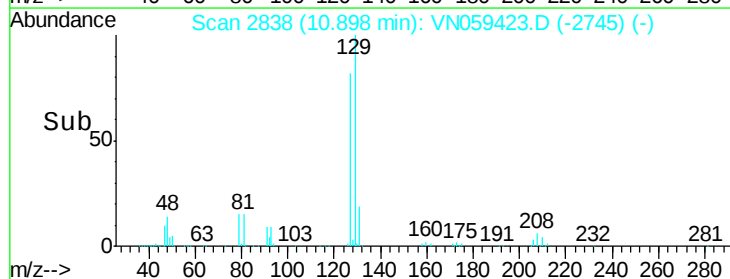
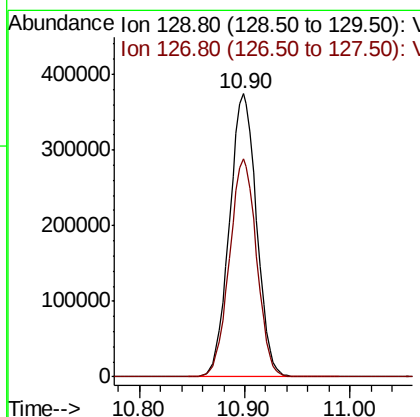
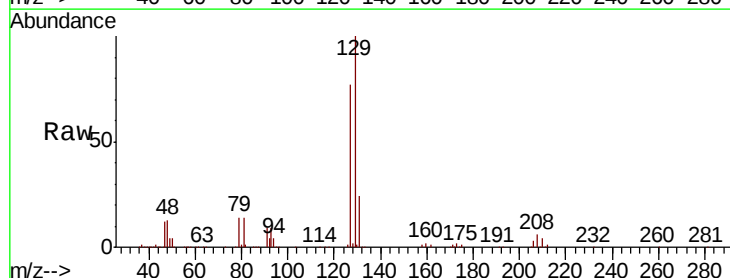
Manual Integrations
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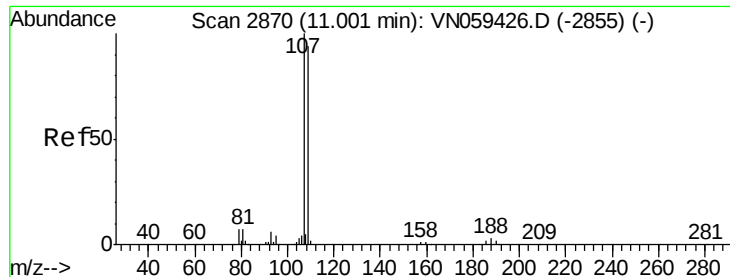
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#60
Dibromochloromethane
Concen: 177.242 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion: 129 Resp: 664554
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





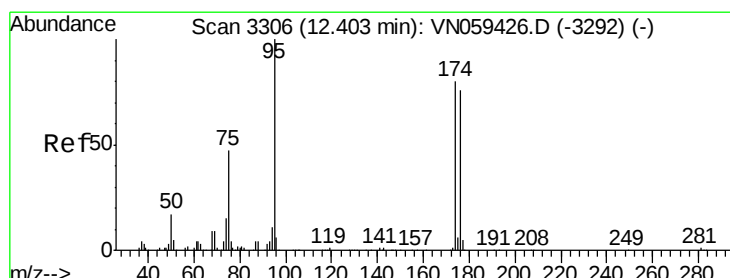
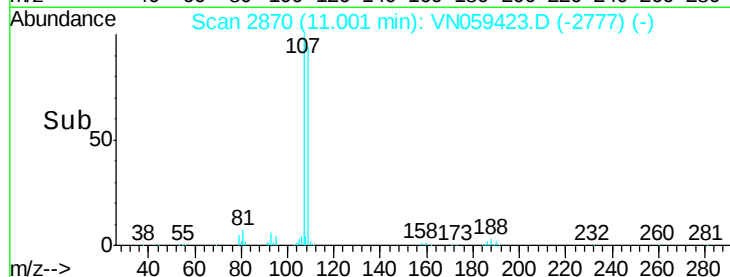
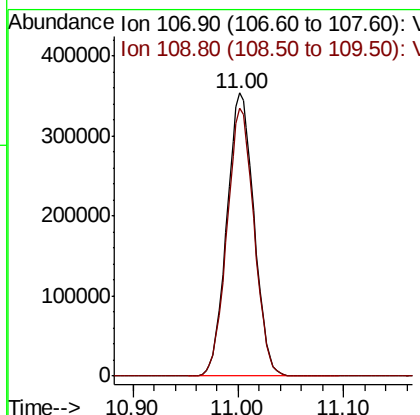
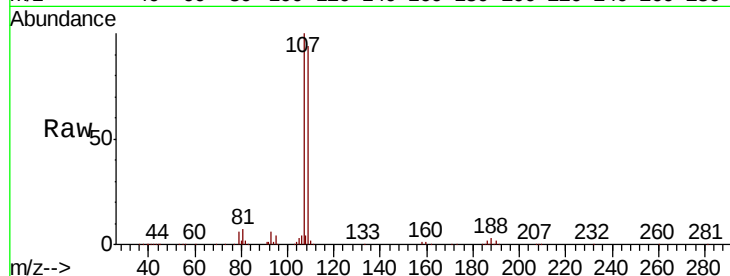
#61
 1,2-Dibromoethane
 Concen: 170.801 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.8	113.8

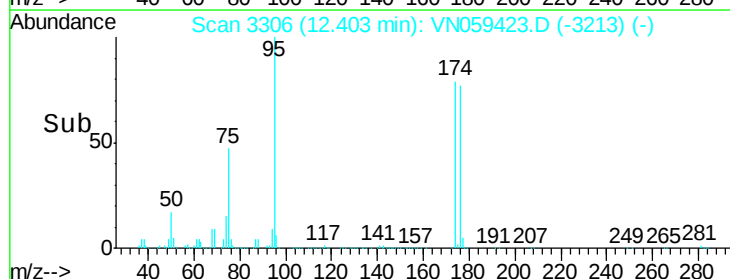
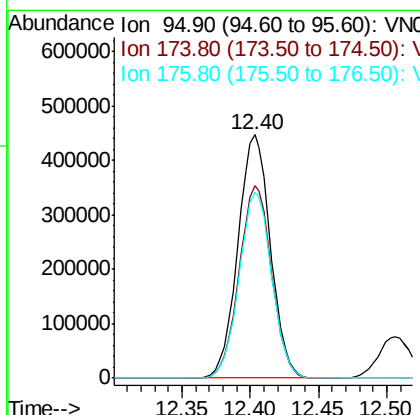
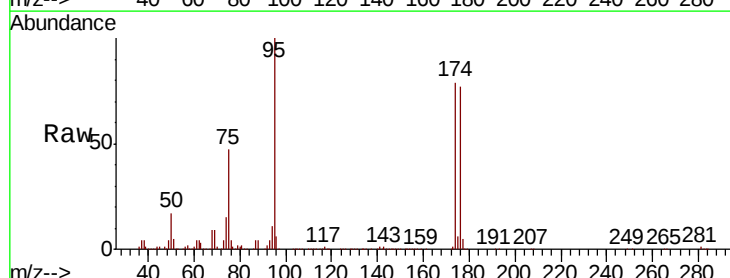
Manual Integrations
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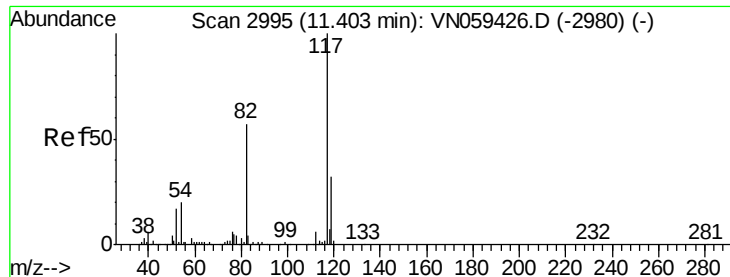
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#62
 4-Bromofluorobenzene
 Concen: 162.423 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	158.0
176	76.7	0.0	153.0





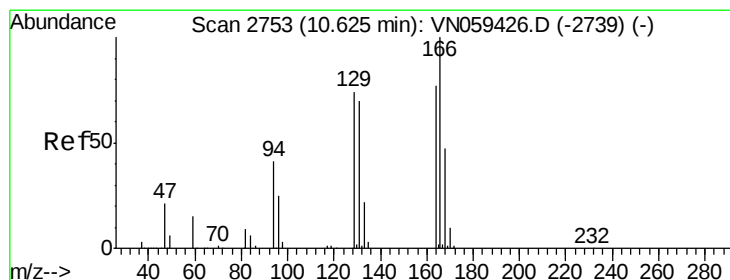
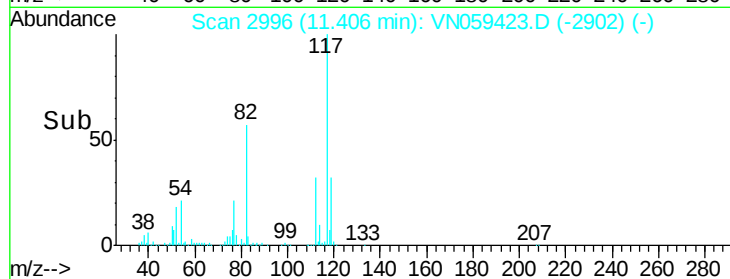
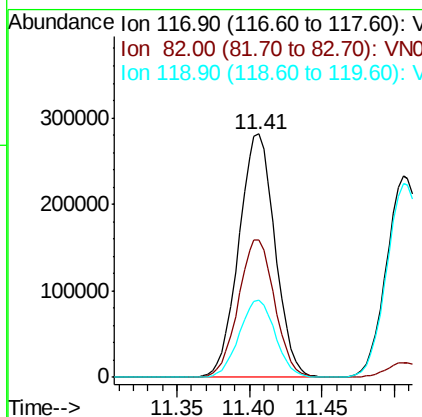
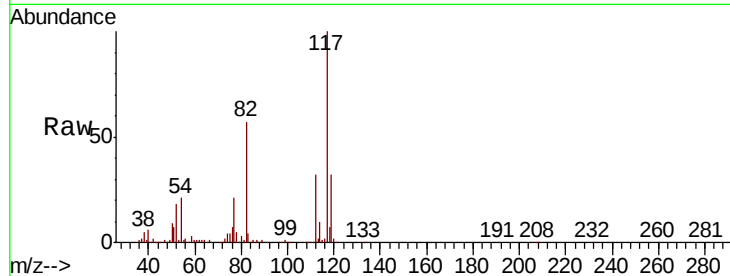
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.0
119	31.6	25.6	38.4

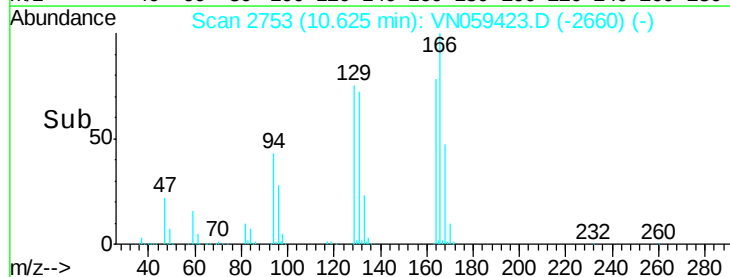
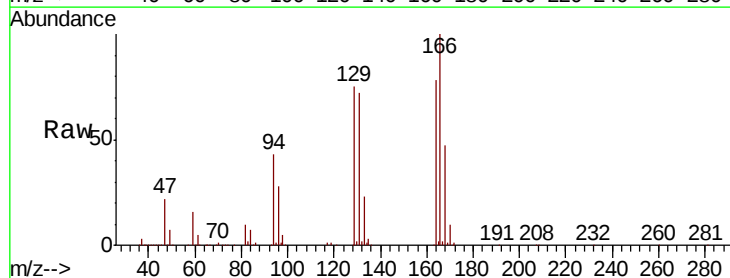
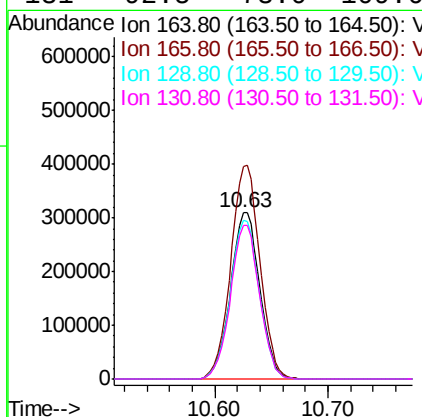
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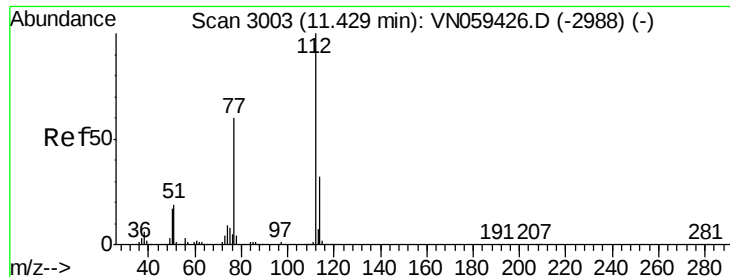
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#64
Tetrachloroethene
Concen: 154.179 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.4
129	95.6	76.8	115.2
131	92.5	73.0	109.6





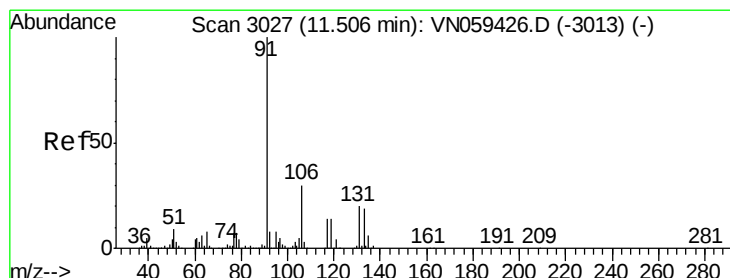
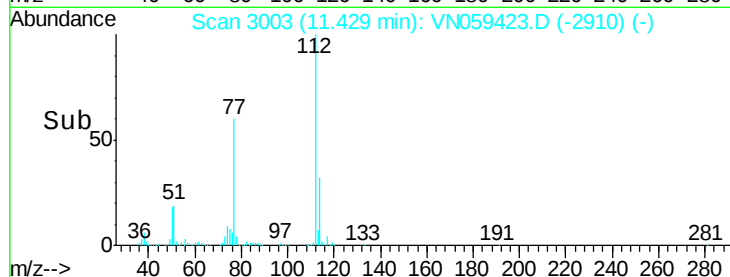
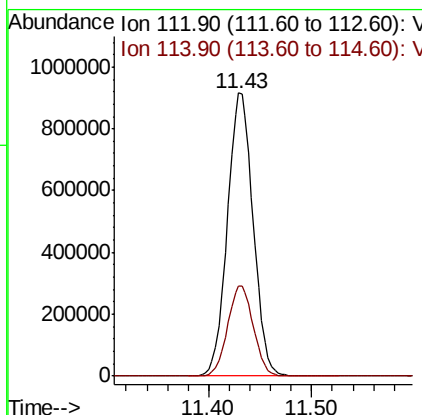
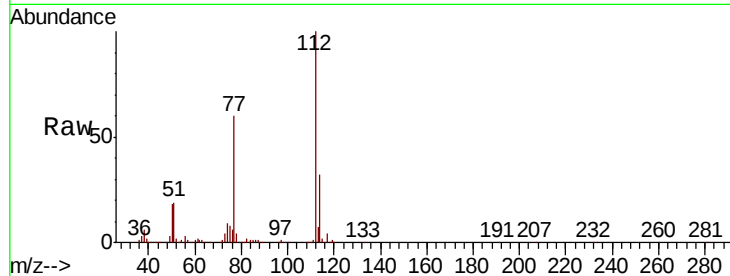
#65
Chlorobenzene
Concen: 160.564 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1588493
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

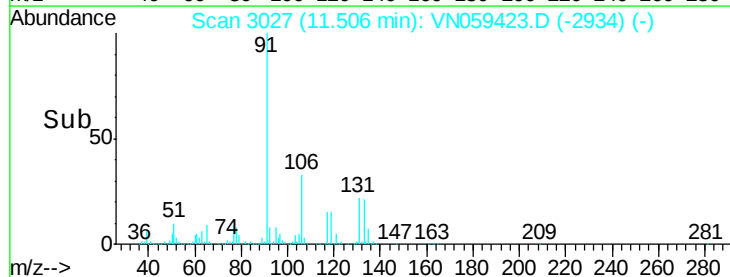
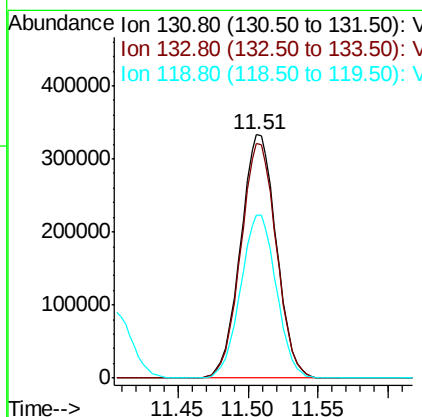
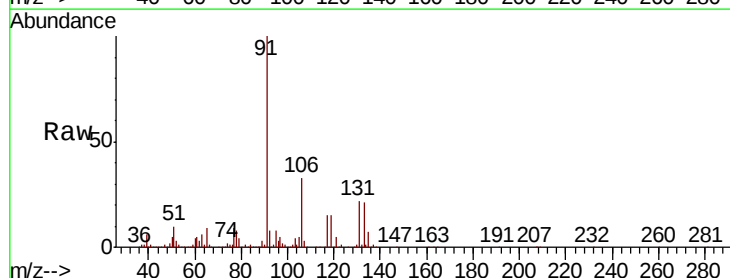
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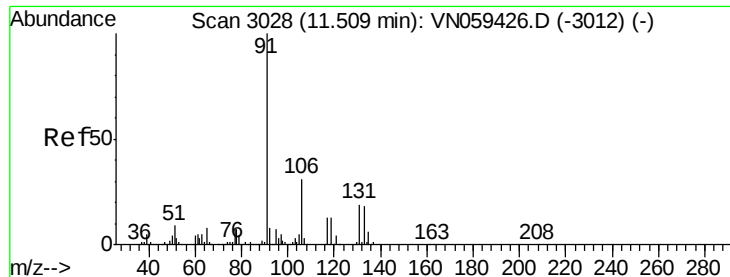
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#66
1,1,1,2-Tetrachloroethane
Concen: 164.663 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion:131 Resp: 590753
Ion Ratio Lower Upper
131 100
133 96.3 48.2 144.6
119 66.9 33.8 101.3





#67

Ethyl Benzene

Concen: 159.990 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 2780155

Ion Ratio Lower Upper

91 100

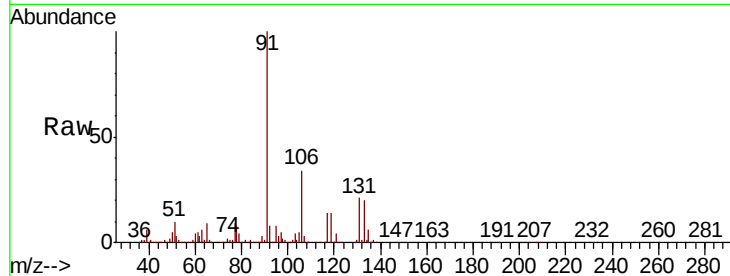
106 33.7 24.7 37.1

Manual Integrations

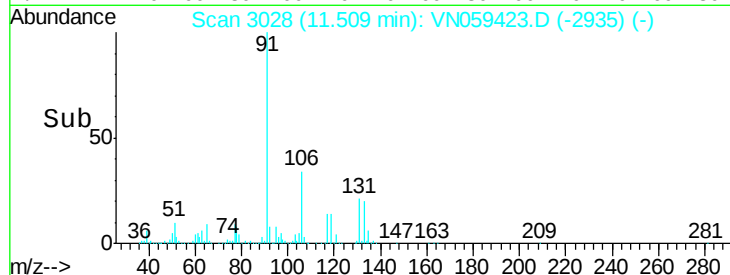
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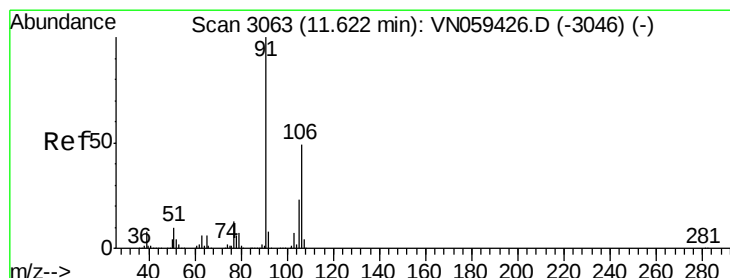
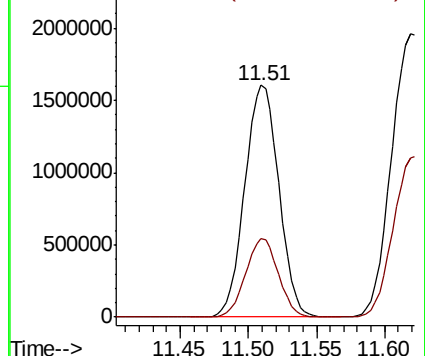
12/2/2019 10:08:56 AM



Abundance Ion 91.00 (90.70 to 91.70): VN059423.D (-2935) (-)



Ion 106.00 (105.70 to 106.70): VN059423.D (-2935) (-)



#68

m/p-Xylenes

Concen: 334.591 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059423.D

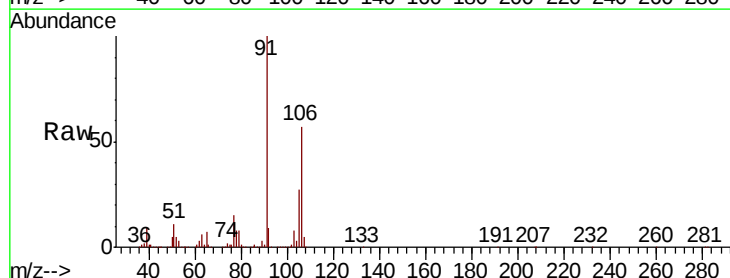
Acq: 27 Nov 2019 14:28

Tgt Ion: 106 Resp: 2170788

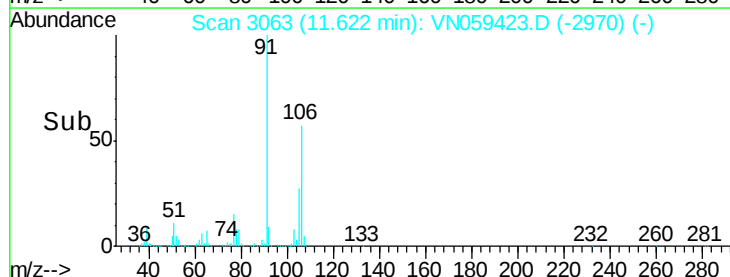
Ion Ratio Lower Upper

106 100

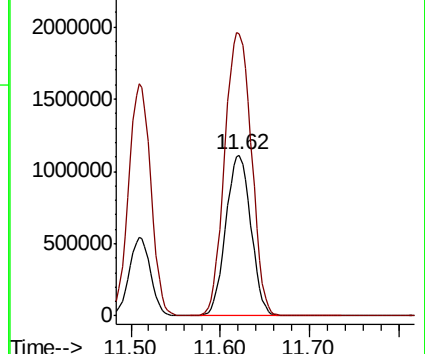
91 187.3 163.7 245.5

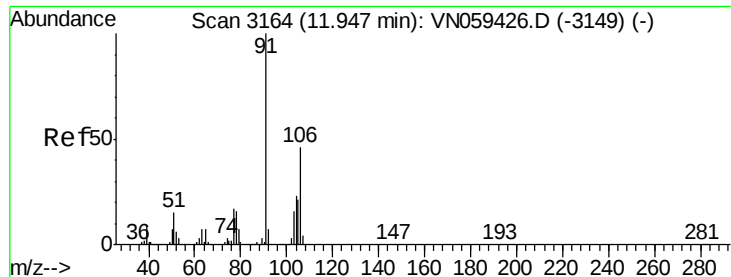


Abundance Ion 106.00 (105.70 to 106.70): VN059423.D (-2970) (-)



Ion 91.00 (90.70 to 91.70): VN059423.D (-2970) (-)





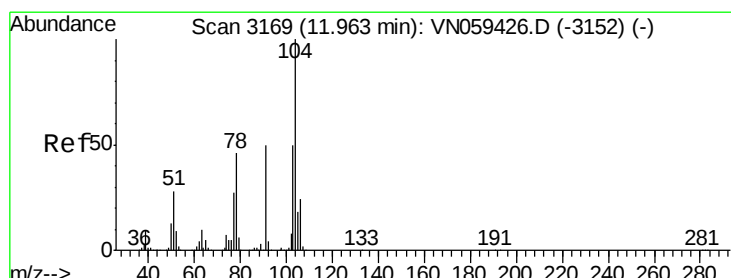
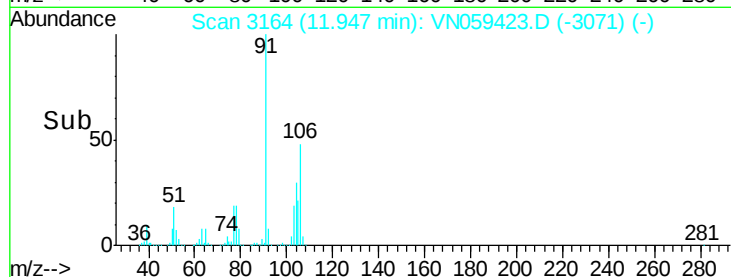
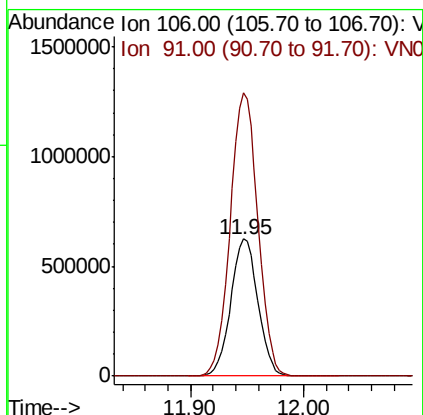
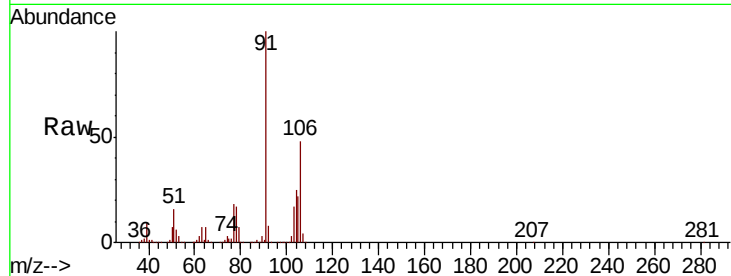
#69
o-Xylene
Concen: 167.467 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1041999
Ion Ratio Lower Upper
106 100
91 209.7 107.5 322.4

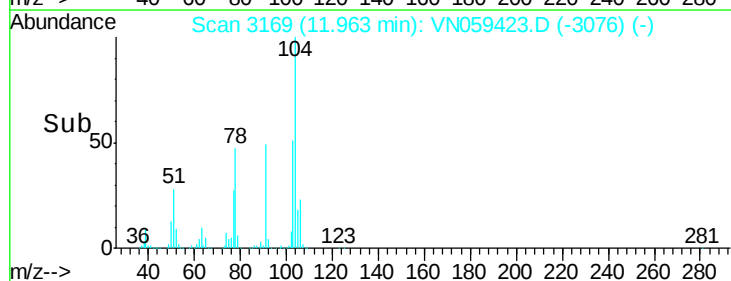
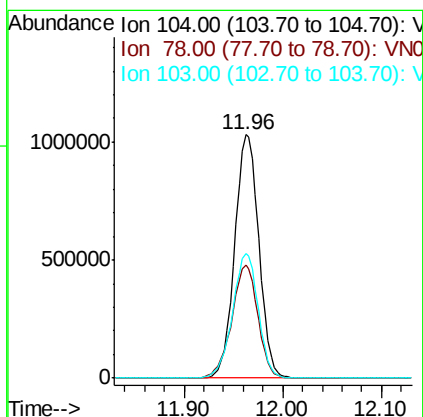
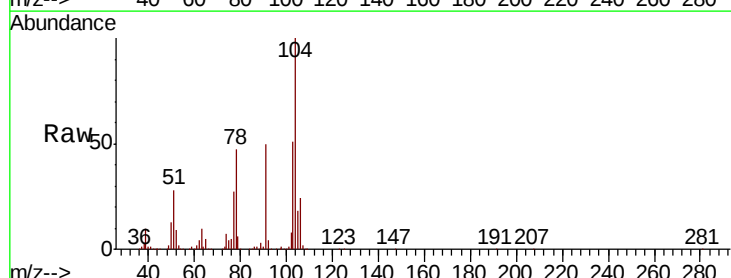
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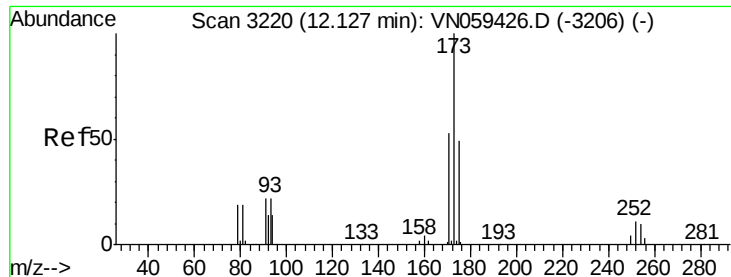
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#70
Styrene
Concen: 179.628 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion:104 Resp: 1752167
Ion Ratio Lower Upper
104 100
78 50.3 40.4 60.6
103 54.6 43.8 65.6





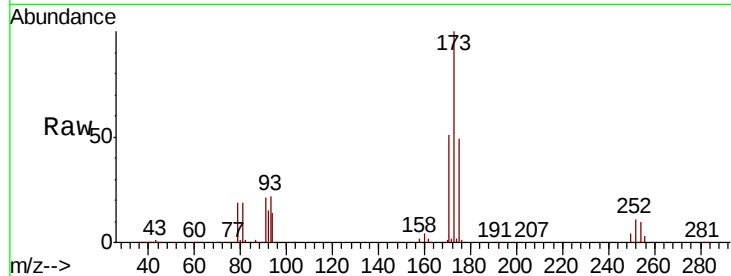
#71
Bromoform
Concen: 179.830 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

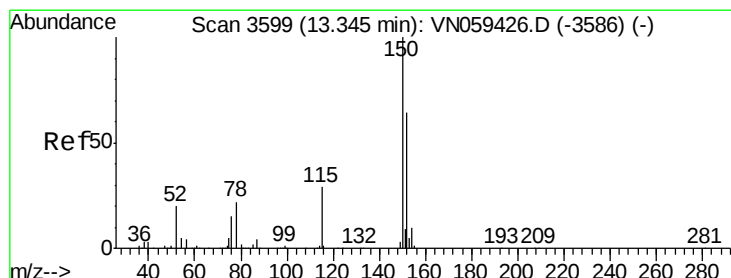
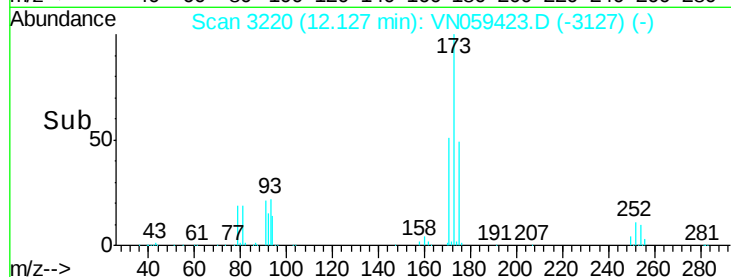
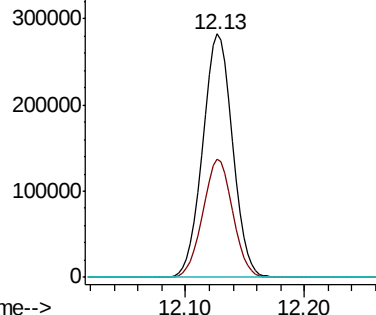
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.1	0.0	0.0

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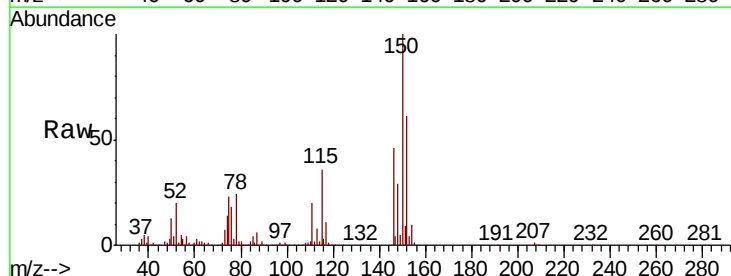


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

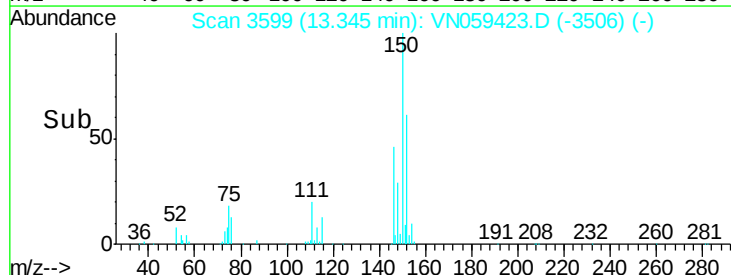
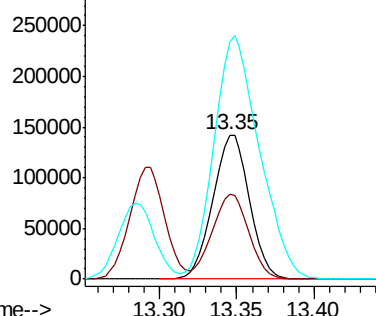


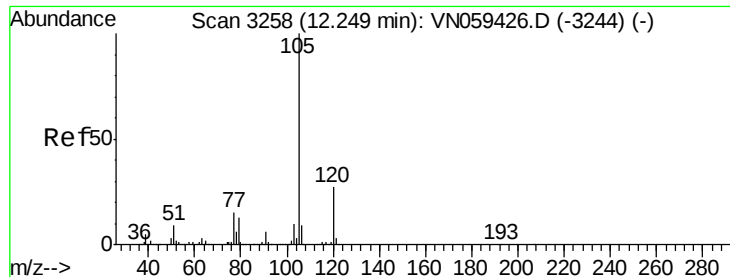
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.5	88.6
150	208.8	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 153.737 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2668633

Ion Ratio Lower Upper

105 100

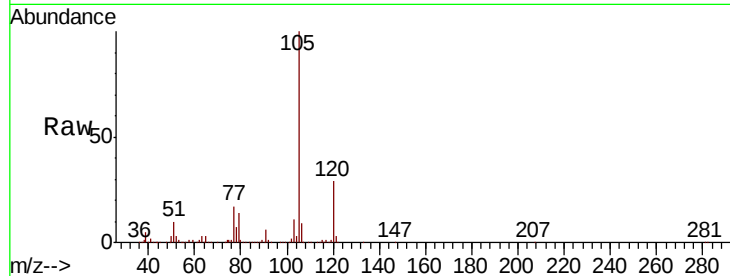
120 27.8 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

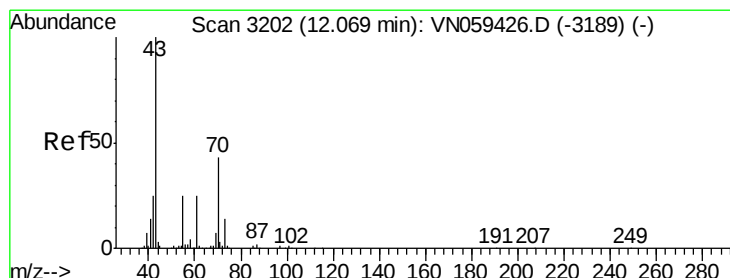
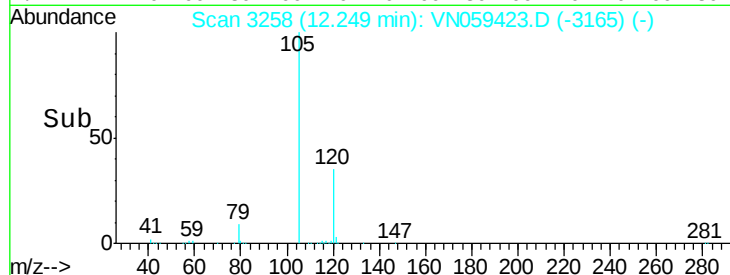
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 182.522 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion: 43 Resp: 1191468

Ion Ratio Lower Upper

43 100

70 43.1 34.6 52.0

55 24.5 20.5 30.7

61 25.3 20.2 30.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

1200000

1000000

800000

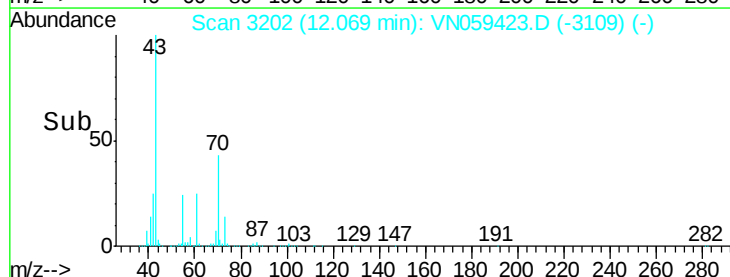
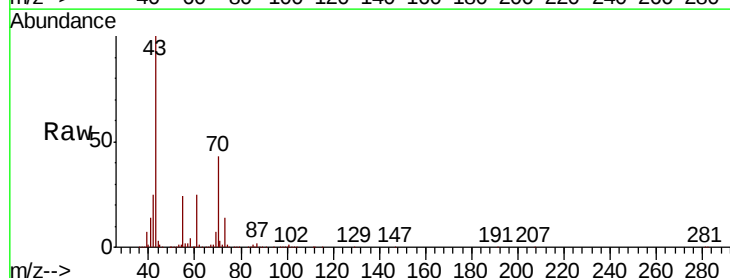
600000

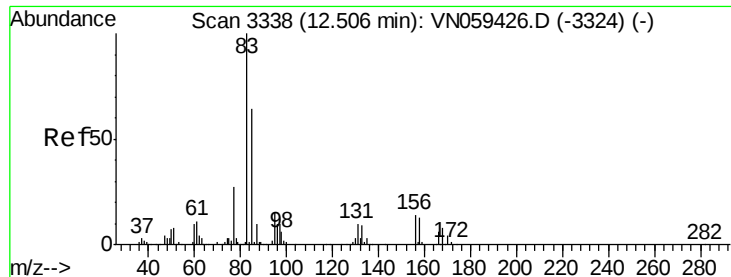
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 152.994 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 866058
Ion Ratio Lower Upper

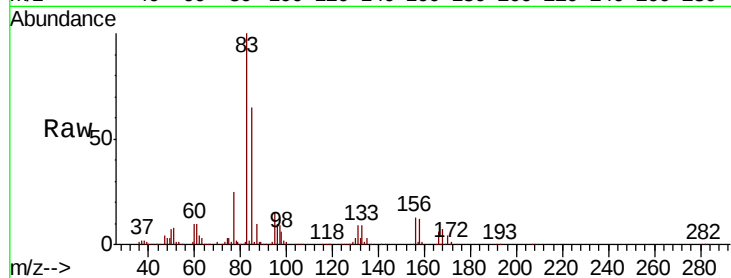
83 100

131 9.8 5.0 15.0

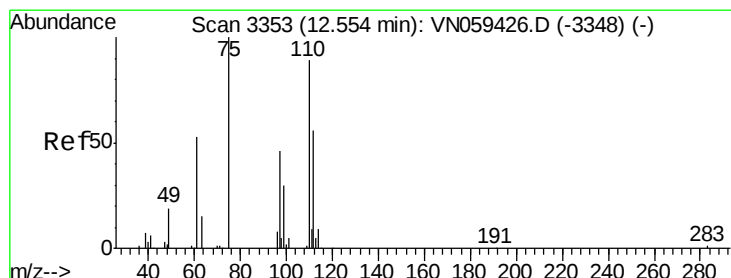
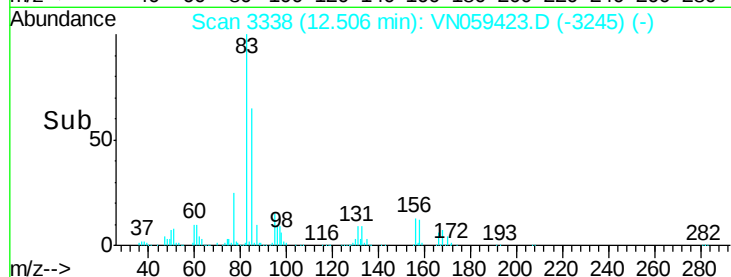
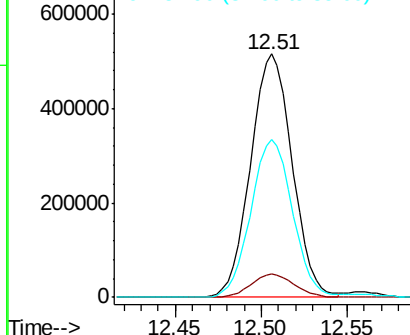
85 64.9 32.3 96.9

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Abundance Ion 82.90 (82.60 to 83.60): VN059423.D (-3245) (-)
Ion 130.80 (130.50 to 131.50): VN059423.D (-3245) (-)
Ion 84.90 (84.60 to 85.60): VN059423.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 150.255 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

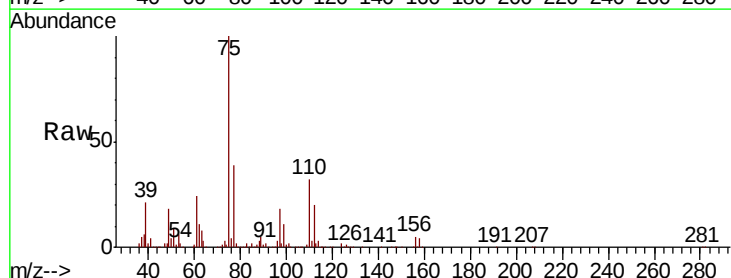
Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

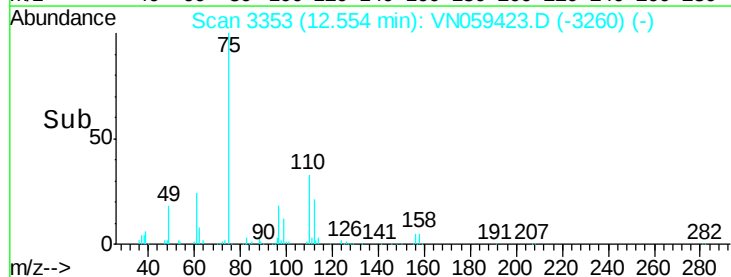
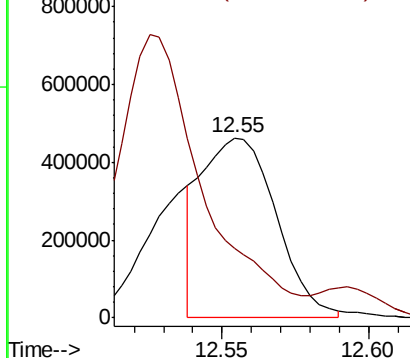
Tgt Ion: 75 Resp: 813292
Ion Ratio Lower Upper

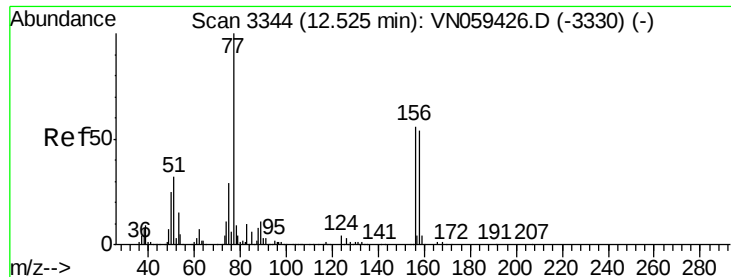
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059423.D (-3260) (-)
Ion 77.00 (76.70 to 77.70): VN059423.D (-3260) (-)





#77

Bromobenzene

Concen: 158.404 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

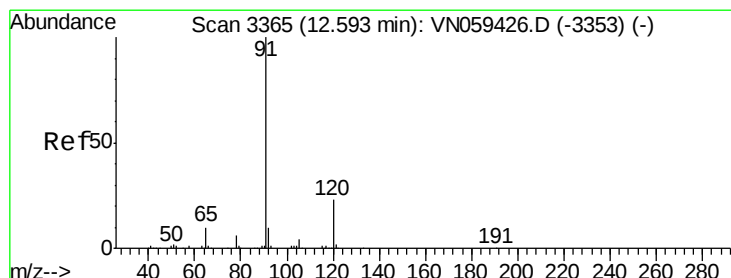
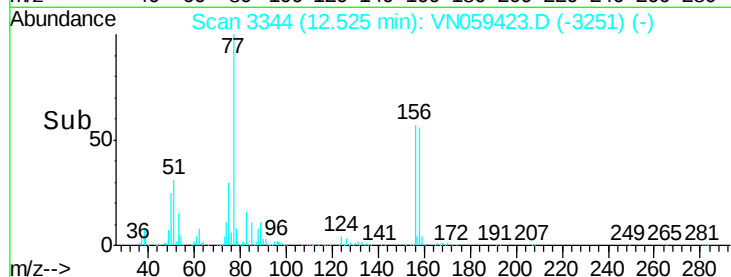
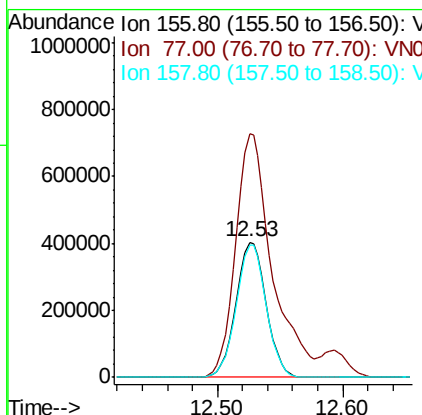
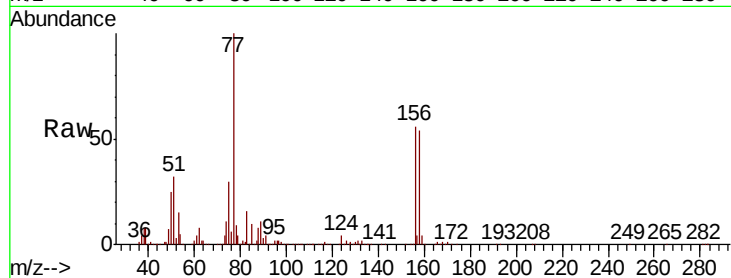
ClientSampleId :

VSTDICC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	218.4	108.7	326.3
158	97.2	48.3	144.9

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#78

n-propylbenzene

Concen: 154.458 ug/l

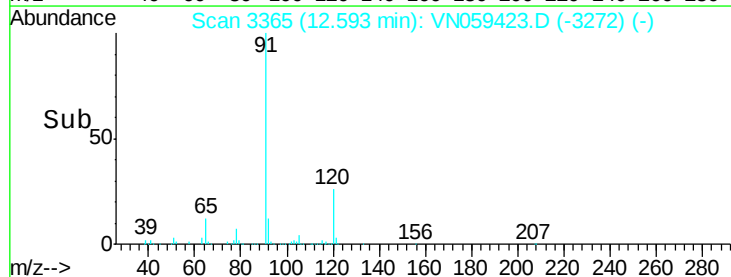
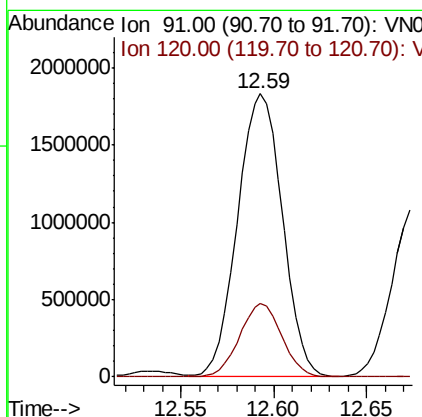
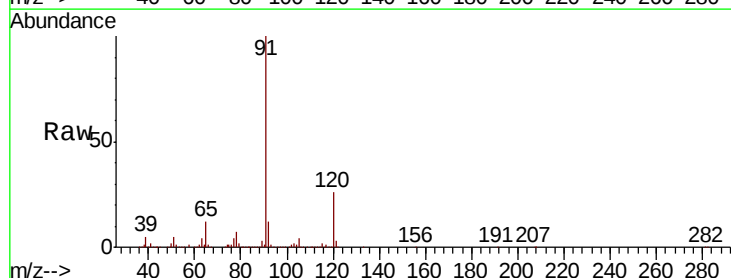
RT: 12.59 min Scan# 3365

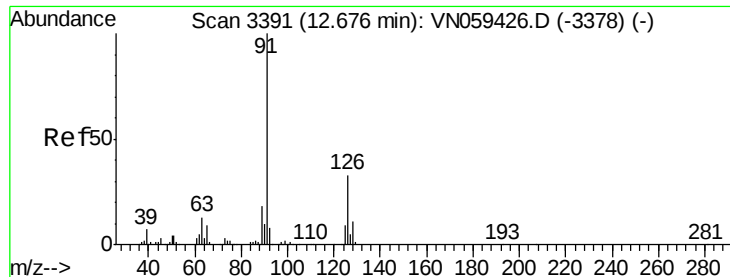
Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 157.083 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1878590

Ion Ratio Lower Upper

91 100

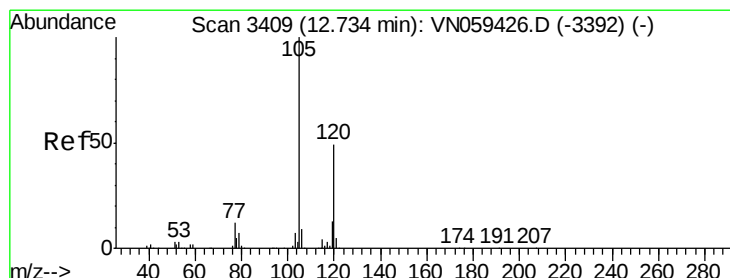
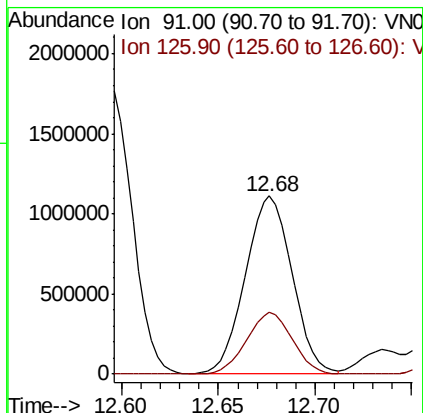
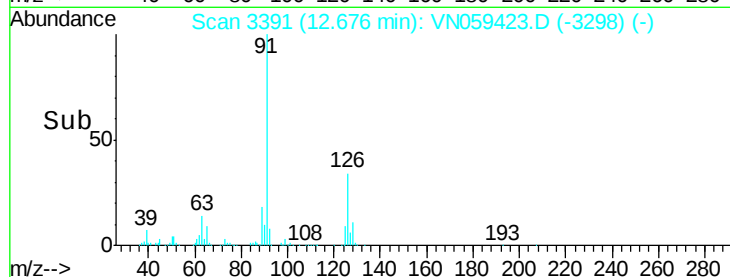
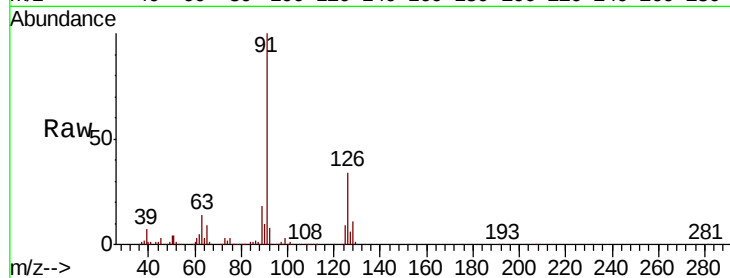
126 33.8 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 156.994 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059423.D

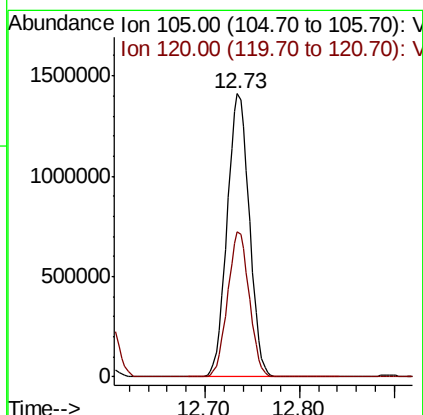
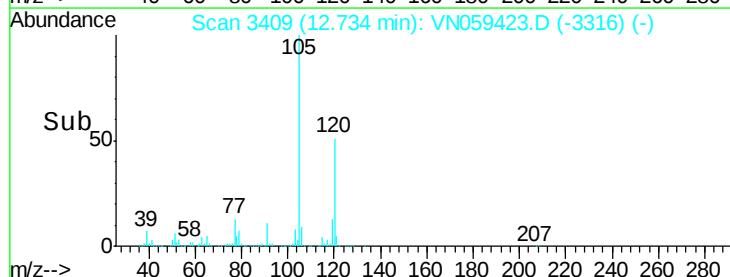
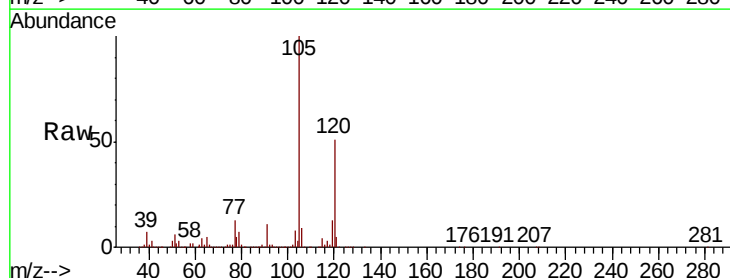
Acq: 27 Nov 2019 14:28

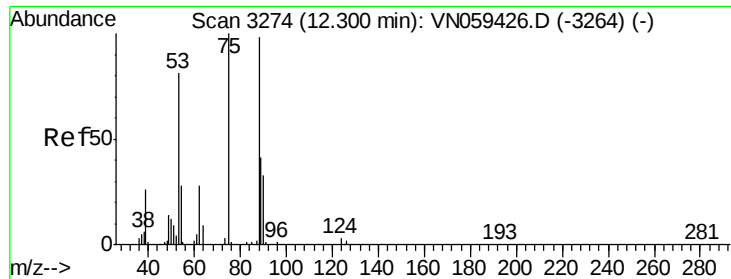
Tgt Ion: 105 Resp: 2290746

Ion Ratio Lower Upper

105 100

120 50.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 168.720 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

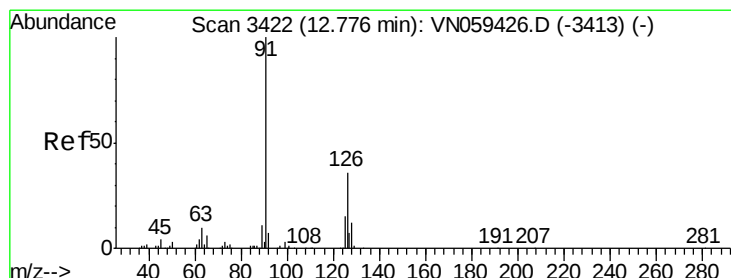
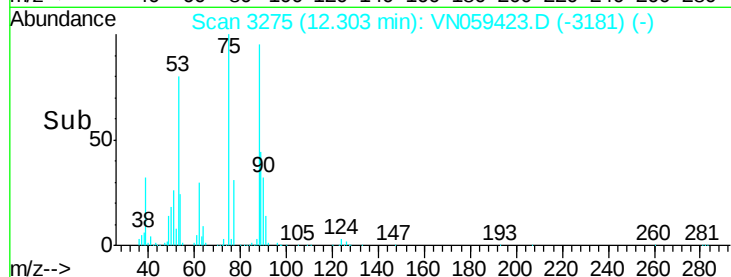
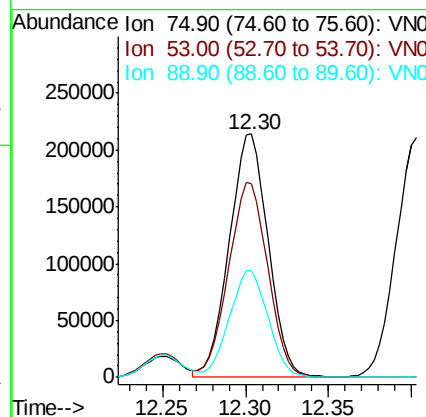
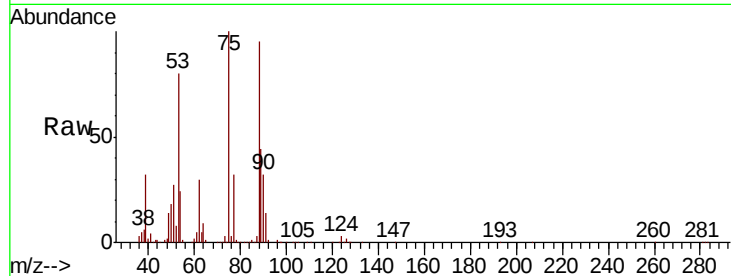
ClientSampled :

VSTDIC150

Tot Ion:	75	Resp:	348071
Ion Ratio	Lower	Upper	
75	100		
53	81.6	66.2	99.4
89	44.1	33.9	50.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 157.618 ug/l

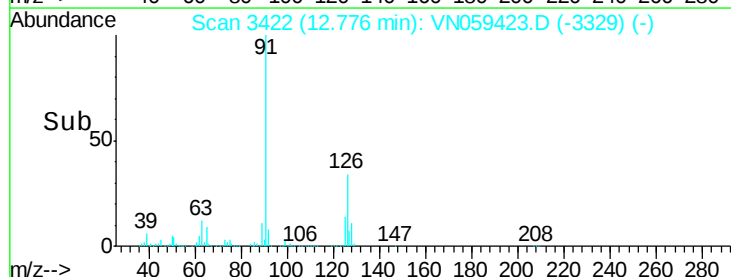
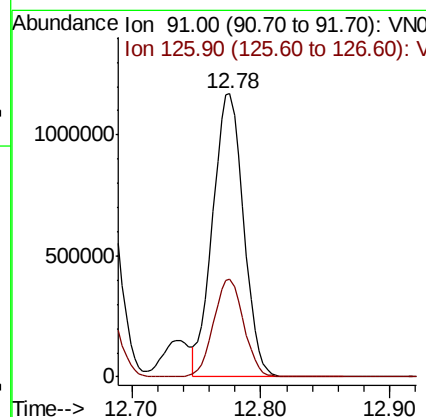
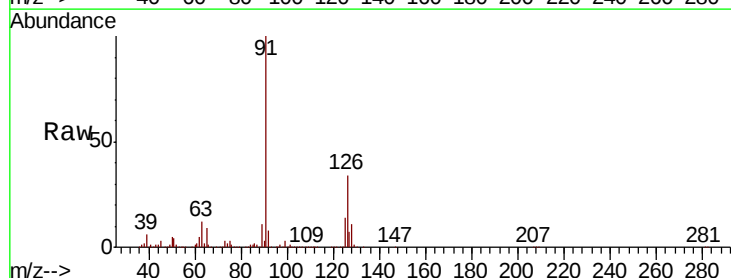
RT: 12.78 min Scan# 3422

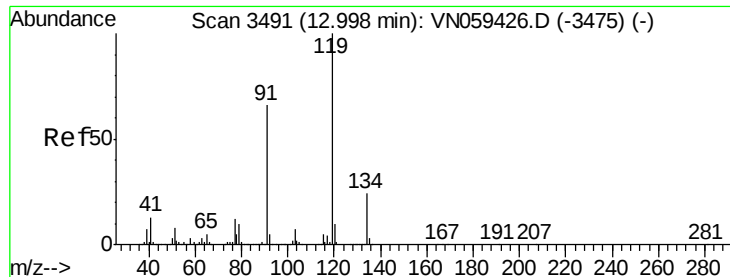
Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion:	91	Resp:	1941354
Ion Ratio	Lower	Upper	
91	100		
126	33.7	16.7	50.0





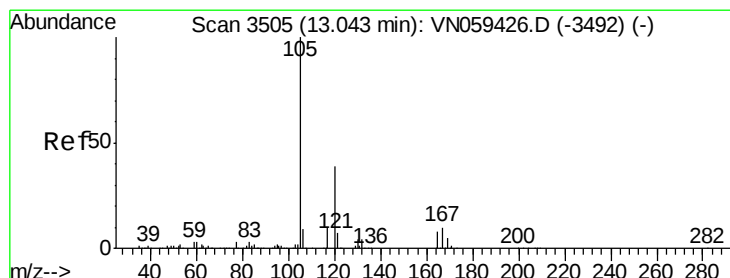
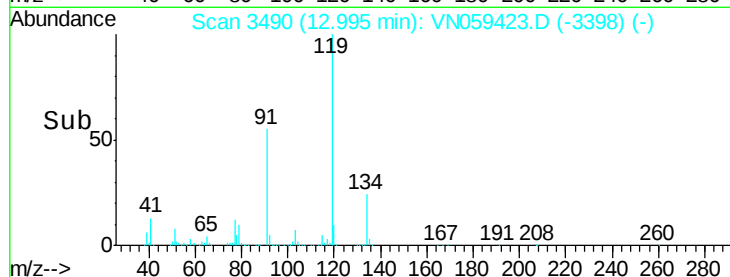
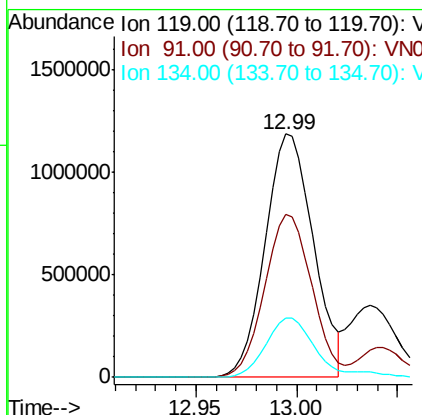
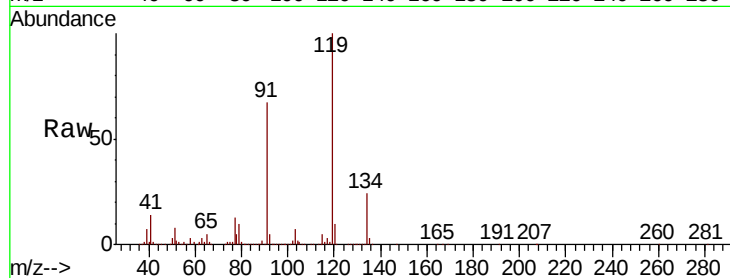
#83
tert-Butylbenzene
Concen: 157.598 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.8	98.4
134	24.1	12.9	38.6

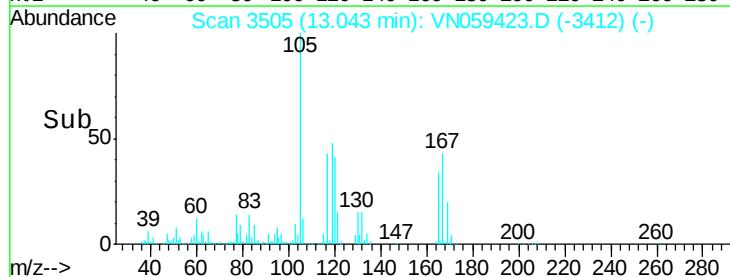
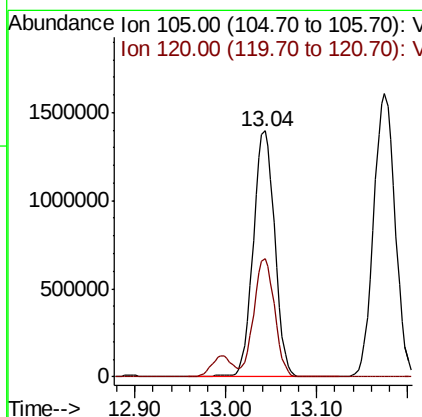
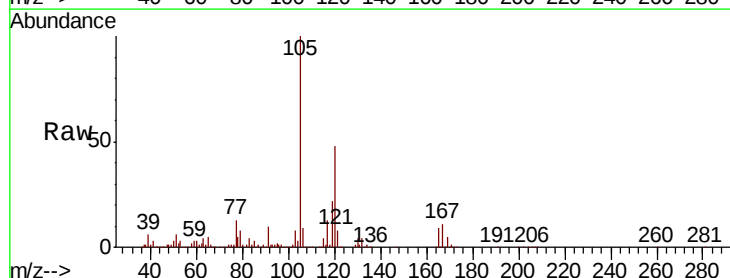
Manual Integrations
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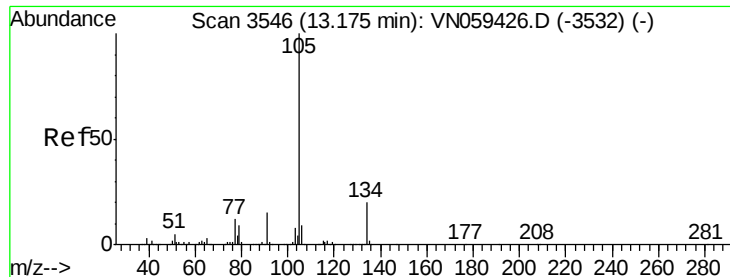
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#84
1,2,4-Trimethylbenzene
Concen: 159.984 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 158.322 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2634195

Ion Ratio Lower Upper

105 100

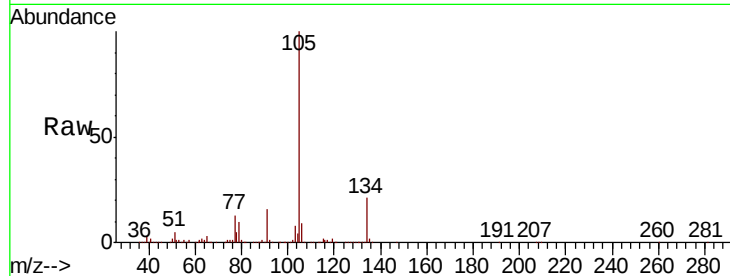
134 20.5 9.9 29.7

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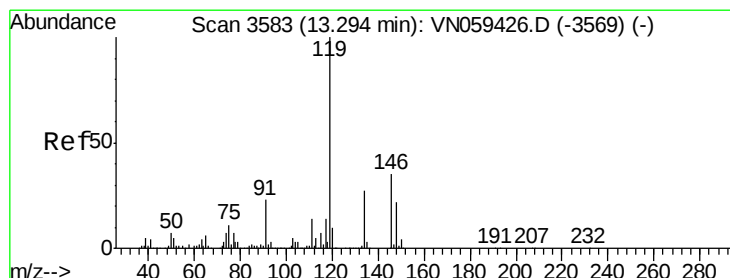
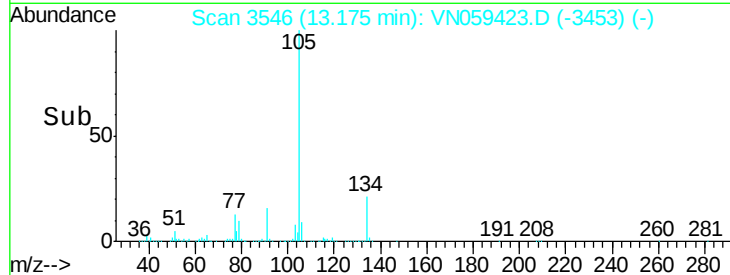
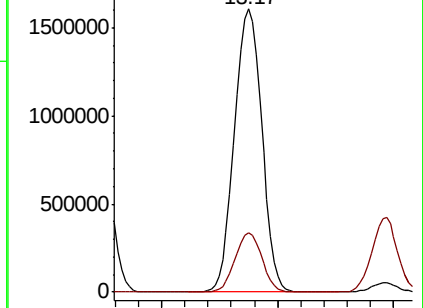
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 159.443 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

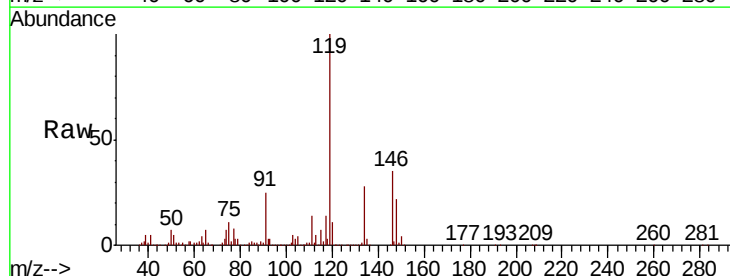
Tgt Ion:119 Resp: 2398271

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

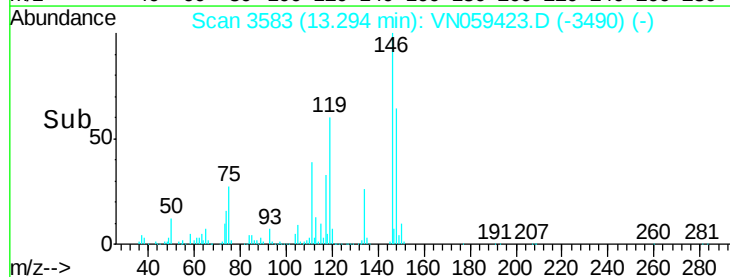
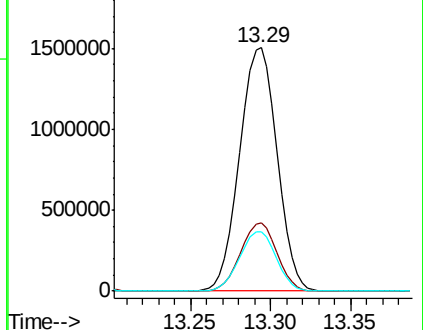
91 23.9 11.5 34.4

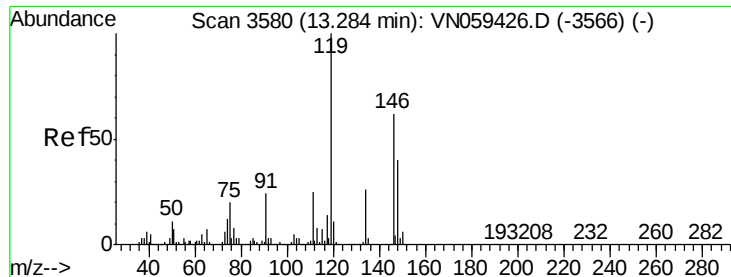


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 160.103 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

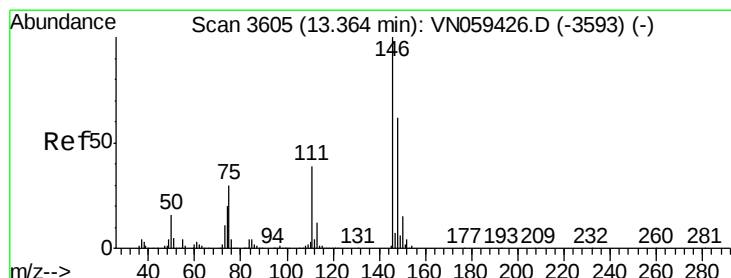
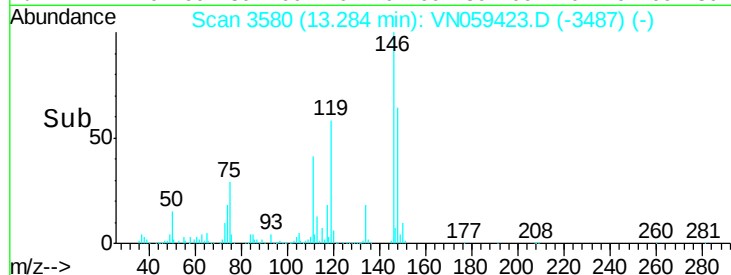
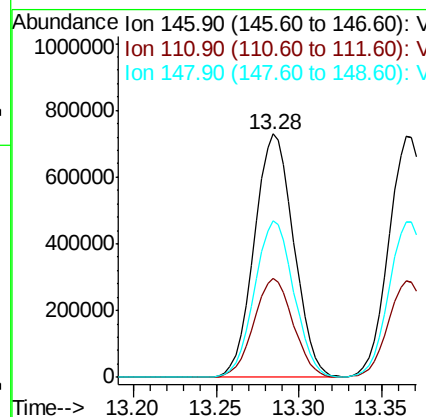
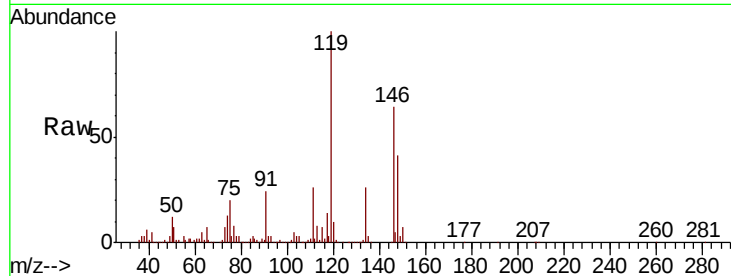
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1205835
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 158.476 ug/l

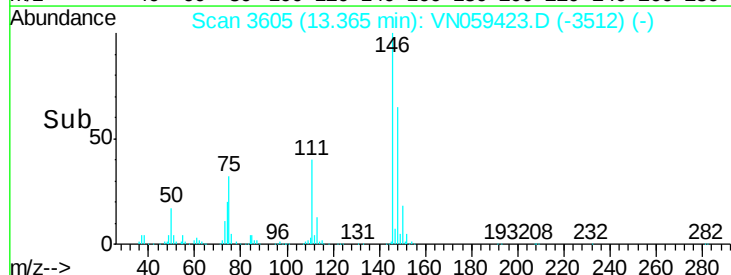
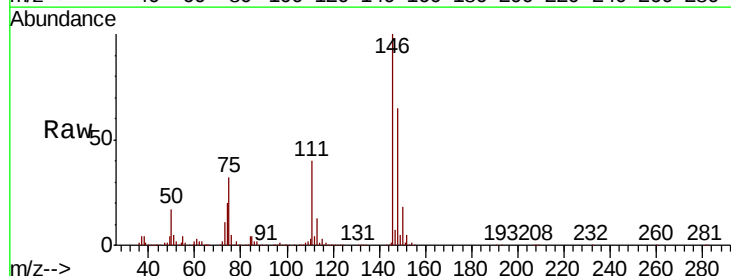
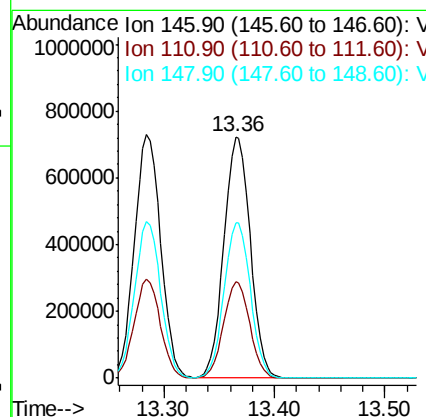
RT: 13.36 min Scan# 3605

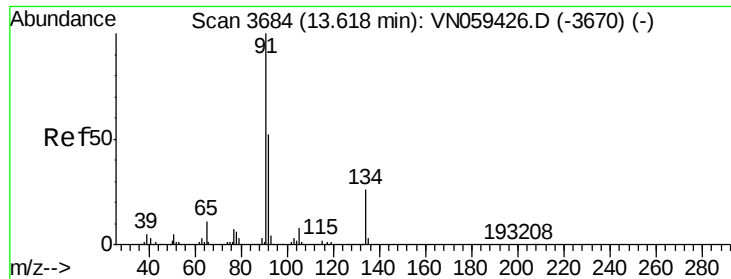
Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion:	146	Resp:	1198314
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.4	31.6	95.0





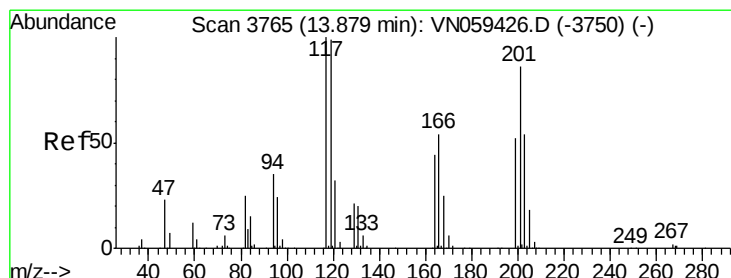
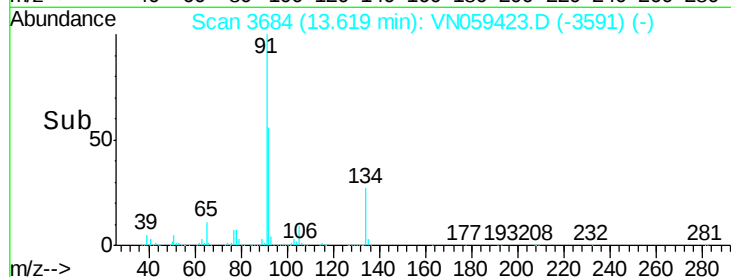
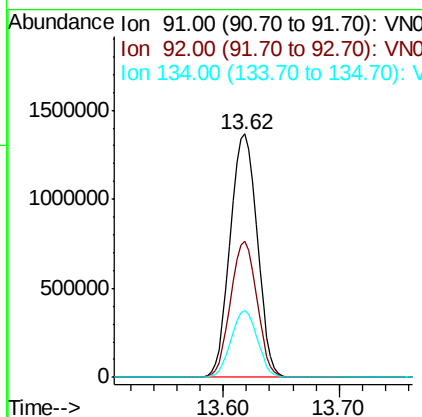
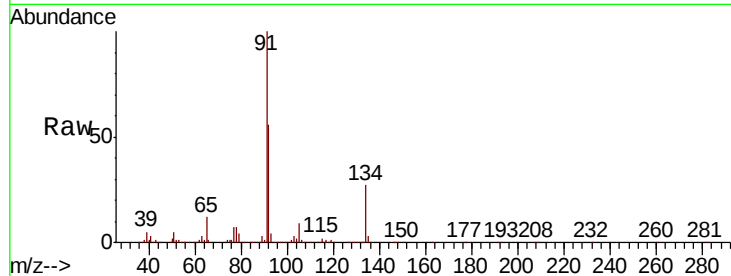
#89
n-Butylbenzene
Concen: 167.190 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	25.9	77.8
134	26.6	12.8	38.4

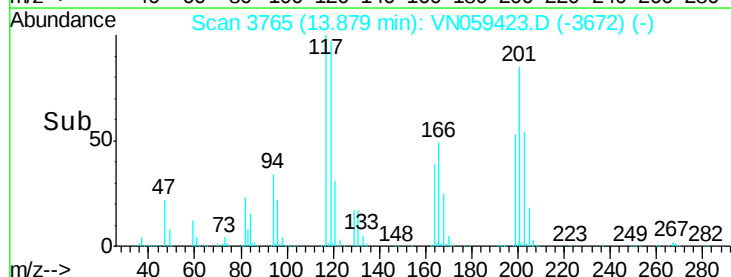
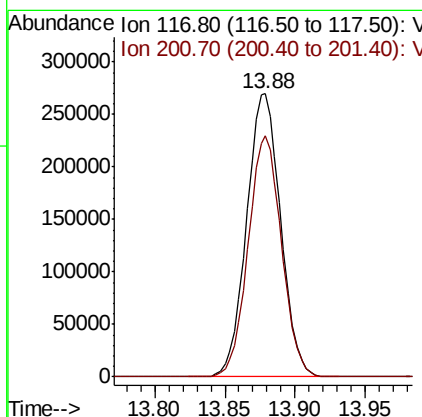
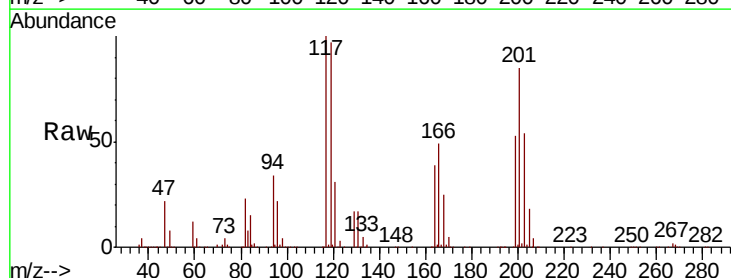
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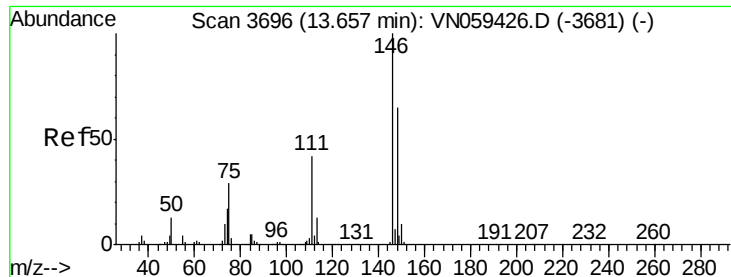
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#90
Hexachloroethane
Concen: 158.390 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	42.1	126.4





#91

1,2-Dichlorobenzene

Concen: 154.425 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Instrument :

MSVOA_N

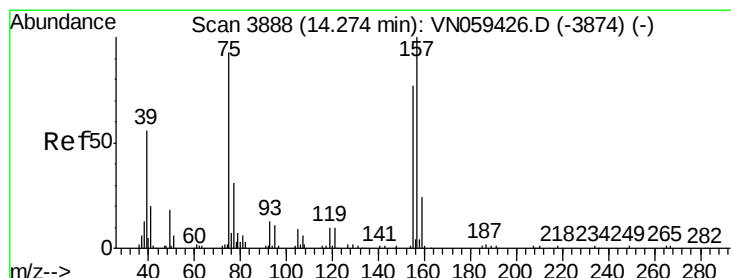
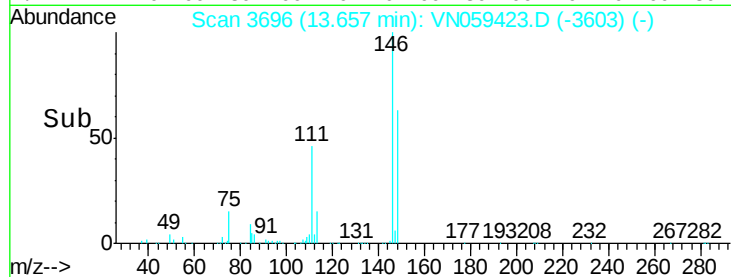
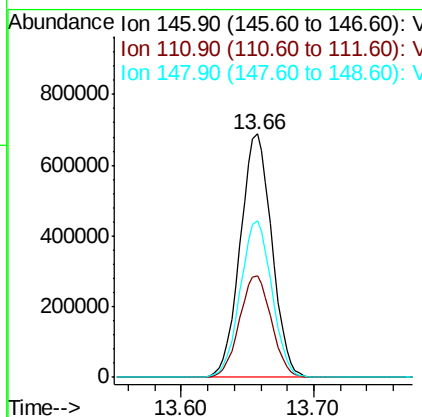
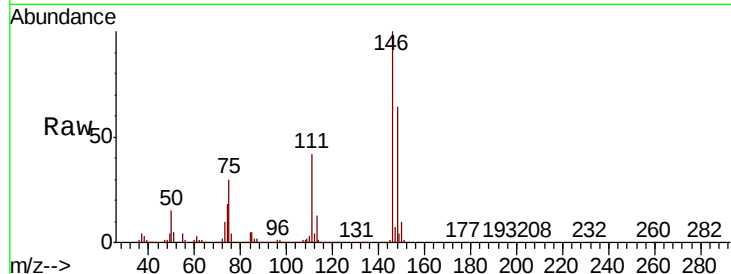
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1139645
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	64.4	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 148.280 ug/l

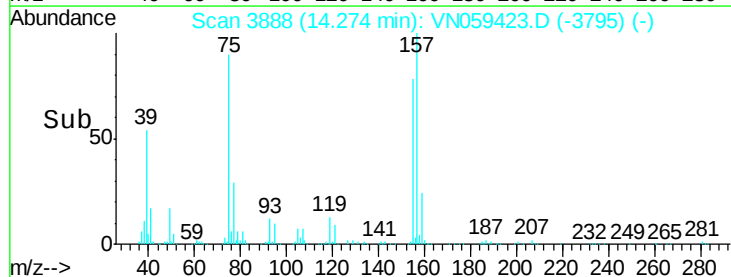
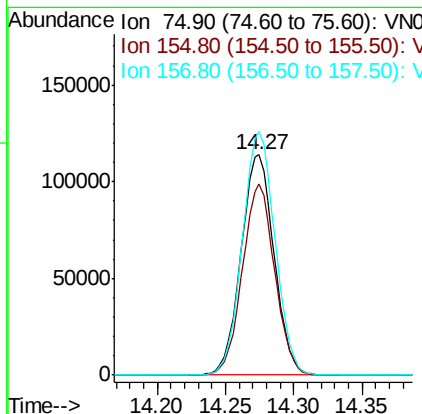
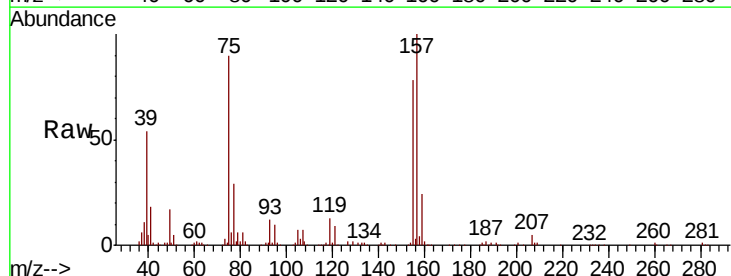
RT: 14.27 min Scan# 3888

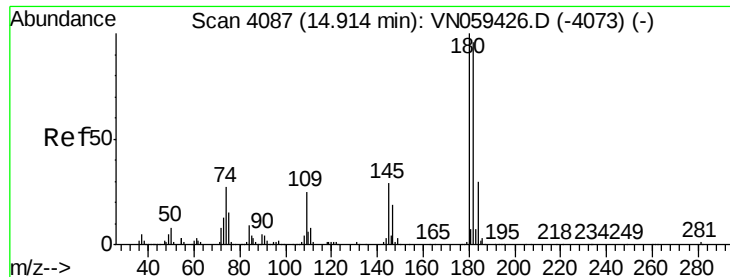
Delta R.T. 0.00 min

Lab File: VN059423.D

Acq: 27 Nov 2019 14:28

Tgt Ion:	75	Resp:	190619
Ion	Ratio	Lower	Upper
75	100		
155	85.0	41.9	125.8
157	109.8	54.1	162.3





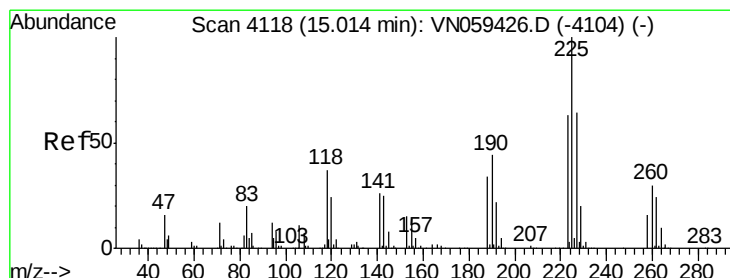
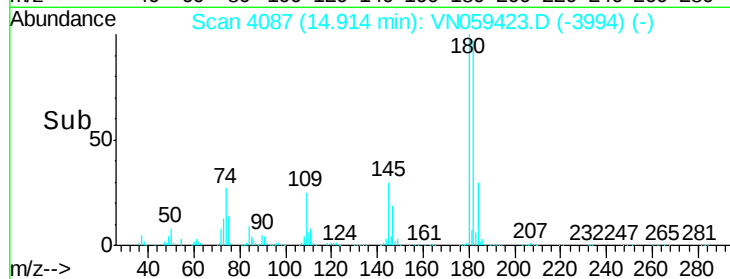
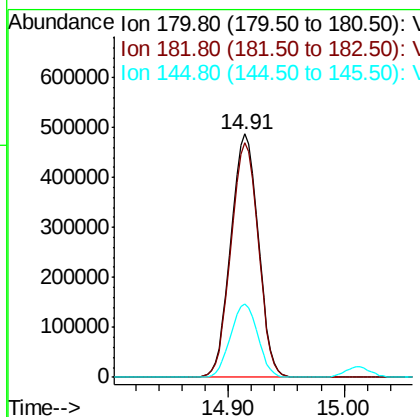
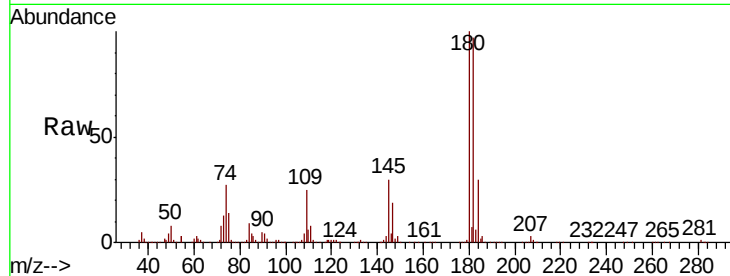
#93
 1,2,4-Trichlorobenzene
 Concen: 173.511 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	795967		
182	96.1	47.3	142.0	
145	30.0	14.8	44.4	

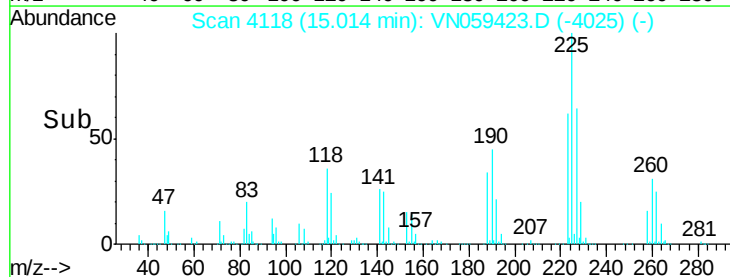
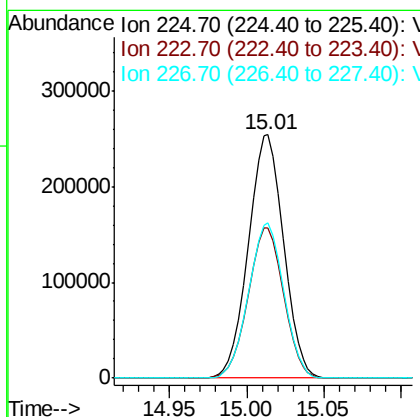
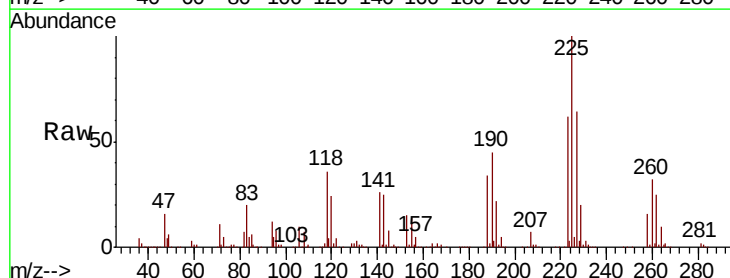
Manual Integrations
 APPROVED

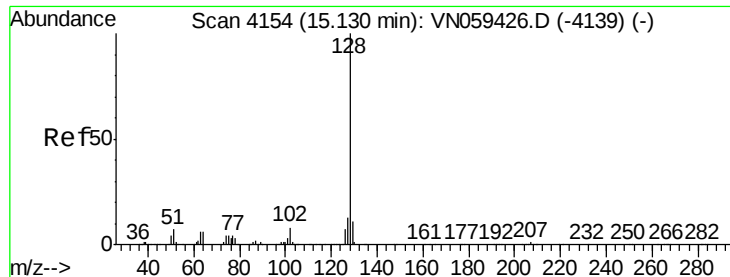
apatel
 12/2/2019 10:08:56 AM



#94
 Hexachlorobutadiene
 Concen: 143.873 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059423.D
 Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	404476		
223	62.2	31.5	94.5	
227	63.5	31.9	95.7	





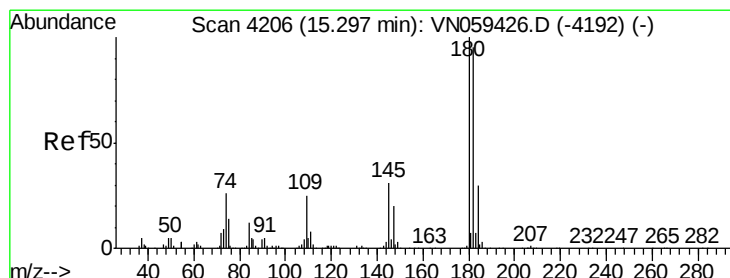
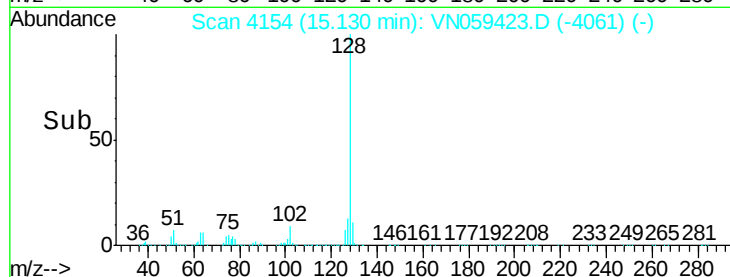
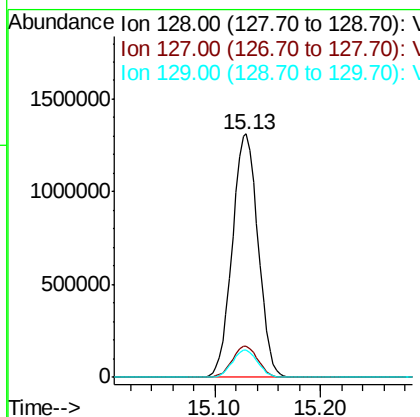
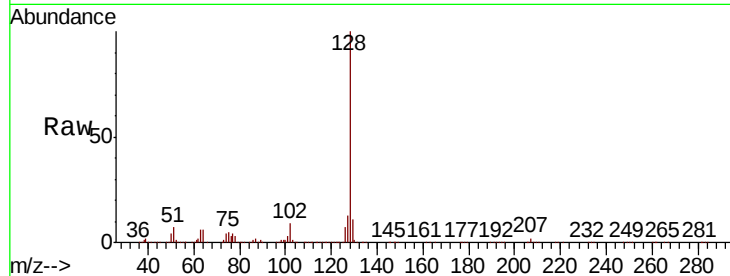
#95
Naphthalene
Concen: 170.680 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	12.8

Manual Integrations
APPROVED

apatel
12/2/2019 10:08:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 161.624 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059423.D
Acq: 27 Nov 2019 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	31.7	15.7	47.1

