

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059418.D
 Acq On : 27 Nov 2019 12:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:40 AM

Quant Time: Nov 27 16:36:25 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	7.64	168	293525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	459546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	403706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	165106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	4729	1.369 ug/l	98
3) Chloromethane	2.04	50	7403	1.754 ug/l	95
4) Vinyl Chloride	2.17	62	6788	1.674 ug/l	97
6) Chloroethane	2.69	64	3548	1.560 ug/l	100
7) Trichlorofluoromethane	3.00	101	7469	1.546 ug/l	91
8) Diethyl Ether	3.39	74	2863	1.456 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4678	1.573 ug/l	96
12) 1,1-Dichloroethene	3.71	96	4618	1.585 ug/l	87
14) Allyl chloride	4.29	41	9149	1.693 ug/l	94
15) Acrylonitrile	4.96	53	12720	7.664 ug/l	95
16) Acetone	3.80	43	13994	8.543 ug/l	95
17) Carbon Disulfide	4.03	76	16827	1.683 ug/l	95
18) Methyl Acetate	4.30	43	8546	1.916 ug/l	98
19) Methyl tert-butyl Ether	5.02	73	14016	1.493 ug/l	92
20) Methylene Chloride	4.52	84	5986	1.798 ug/l #	93
21) trans-1,2-Dichloroethene	5.01	96	5007	1.577 ug/l	99
22) Diisopropyl ether	5.92	45	15035	1.497 ug/l	89
23) Vinyl Acetate	5.87	43	58435	7.214 ug/l	98
24) 1,1-Dichloroethane	5.82	63	9650	1.670 ug/l	97
25) 2-Butanone	6.81	43	16526	7.334 ug/l	92
26) 2,2-Dichloropropane	6.80	77	7898	1.606 ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	5736	1.652 ug/l	97
28) Bromochloromethane	7.17	49	1296	0.649 ug/l #	84
29) Tetrahydrofuran	7.19	42	11166	7.450 ug/l	98
30) Chloroform	7.35	83	11113	1.912 ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	7412	1.559 ug/l	98
36) 1,1-Dichloropropene	7.77	75	6881	1.557 ug/l	96
37) Ethyl Acetate	6.91	43	7351	1.572 ug/l #	79
38) Carbon Tetrachloride	7.75	117	6263	1.502 ug/l	97
39) Methylcyclohexane	9.06	83	8282	1.566 ug/l	97
40) Benzene	8.02	78	21095	1.608 ug/l	96
41) Methacrylonitrile	7.14	41	2213	1.002 ug/l #	100
42) 1,2-Dichloroethane	8.10	62	6865	1.650 ug/l	92
43) Isopropyl Acetate	8.15	43	10743	1.512 ug/l #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5305	1.586	ug/l	98
45) 1,2-Dichloropropane	9.10	63	5416	1.578	ug/l	97
46) Dibromomethane	9.19	93	2904	1.371	ug/l	90
47) Bromodichloromethane	9.39	83	6743	1.574	ug/l	97
48) Methyl methacrylate	9.19	41	4708	1.494	ug/l	93
49) 1,4-Dioxane	9.19	88	1479	32.135	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	28482	6.913	ug/l	97
52) Toluene	10.15	92	11806	1.506	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	7156	1.454	ug/l #	78
54) cis-1,3-Dichloropropene	9.83	75	7651	1.440	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	4819	1.571	ug/l	95
56) Ethyl methacrylate	10.43	69	5908	1.320	ug/l	92
57) 1,3-Dichloropropane	10.70	76	8242	1.554	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	5991	4.557	ug/l	95
59) 2-Hexanone	10.75	43	23016	7.534	ug/l	93
60) Dibromochloromethane	10.90	129	5041	1.574	ug/l	91
61) 1,2-Dibromoethane	11.00	107	4840	1.539	ug/l	97
64) Tetrachloroethene	10.63	164	5016	1.680	ug/l	93
65) Chlorobenzene	11.43	112	12999	1.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	4553	1.536	ug/l #	56
67) Ethyl Benzene	11.51	91	22729	1.583	ug/l	99
68) m/p-Xylenes	11.62	106	16623	3.101	ug/l	100
69) o-Xylene	11.95	106	7776	1.513	ug/l	96
70) Styrene	11.96	104	11044	1.371	ug/l	97
71) Bromoform	12.13	173	3100	1.374	ug/l #	93
73) Isopropylbenzene	12.25	105	20256	1.656	ug/l	97
74) N-amyl acetate	12.07	43	7497	1.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	7042	1.765	ug/l	93
76) 1,2,3-Trichloropropane	12.55	75	6768m	1.775	ug/l	
77) Bromobenzene	12.53	156	5294	1.768	ug/l	94
78) n-propylbenzene	12.59	91	23820	1.690	ug/l	97
79) 2-Chlorotoluene	12.68	91	14581	1.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	16330	1.588	ug/l	98
82) 4-Chlorotoluene	12.78	91	15254	1.758	ug/l	98
83) tert-Butylbenzene	12.99	119	15122	1.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	16175	1.606	ug/l	99
85) sec-Butylbenzene	13.17	105	20097	1.714	ug/l	99
86) p-Isopropyltoluene	13.29	119	18156	1.713	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	9934	1.872	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	9838	1.846	ug/l	82
89) n-Butylbenzene	13.62	91	16414	1.772	ug/l	98
90) Hexachloroethane	13.88	117	3300	1.629	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	9577	1.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1645	1.816	ug/l	76
93) 1,2,4-Trichlorobenzene	14.91	180	7232	2.237	ug/l	96
94) Hexachlorobutadiene	15.01	225	4360	2.201	ug/l	98
95) Naphthalene	15.13	128	26271	2.876	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	8323	2.417	ug/l	94

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VSTDICC001

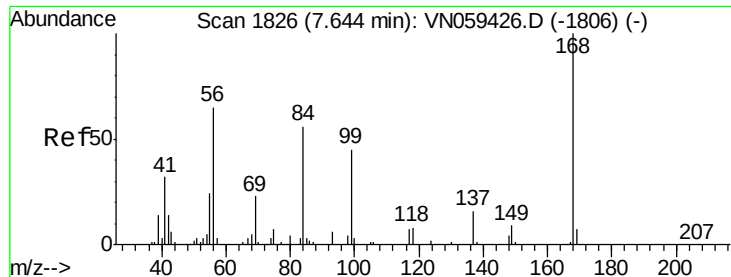
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 293525

Ion Ratio Lower Upper

168 100

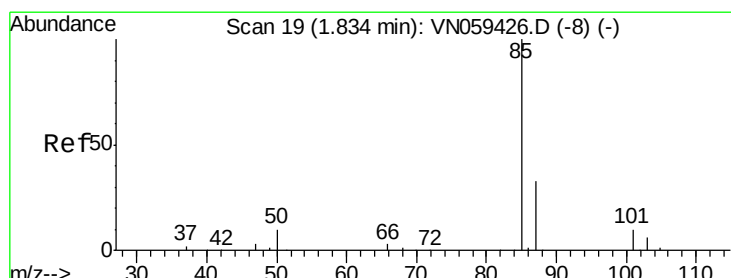
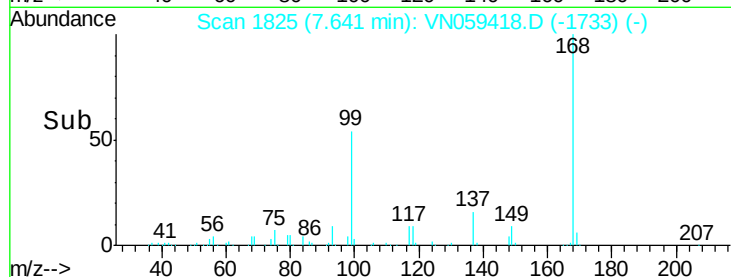
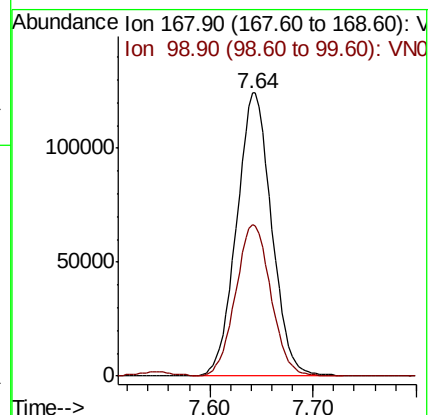
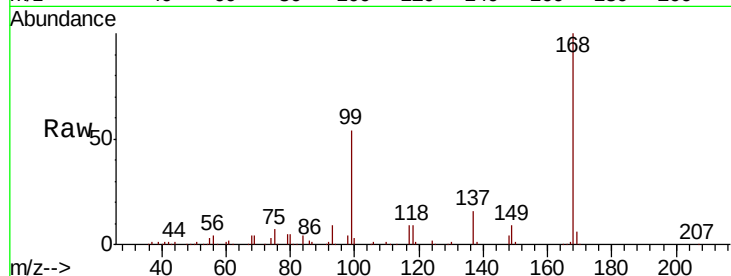
99 53.4 43.0 64.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.369 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059418.D

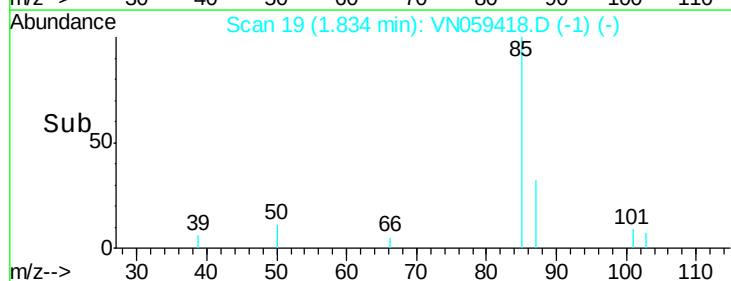
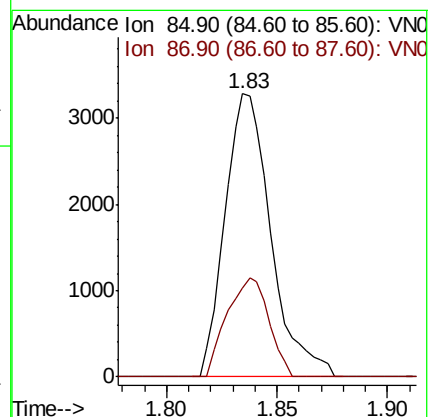
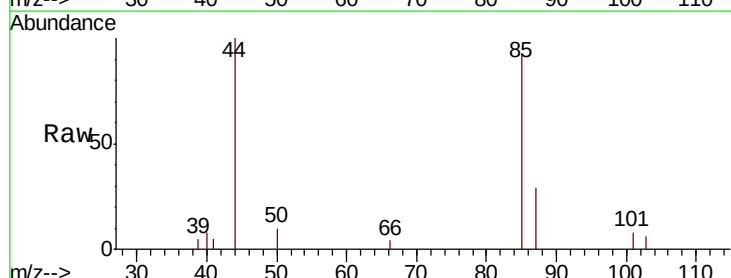
Acq: 27 Nov 2019 12:39

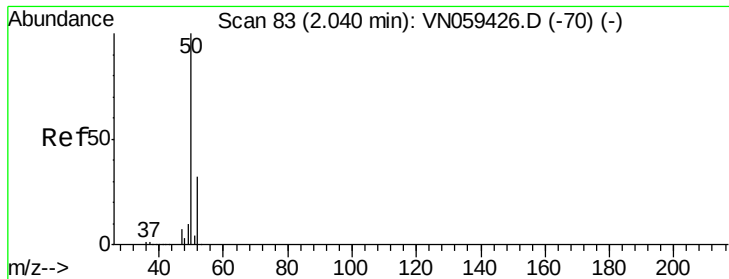
Tgt Ion: 85 Resp: 4729

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.2





#3

Chloromethane

Concen: 1.754 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 50 Resp: 7403

Ion Ratio Lower Upper

50 100

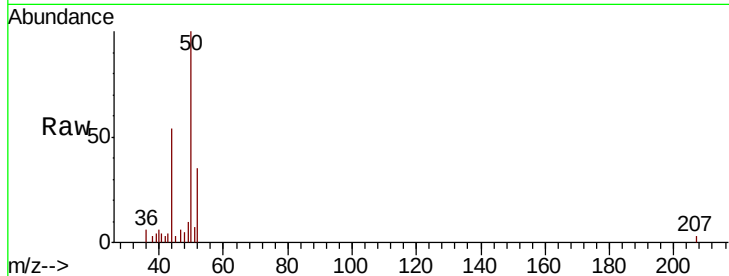
52 35.1 25.8 38.6

Manual Integrations

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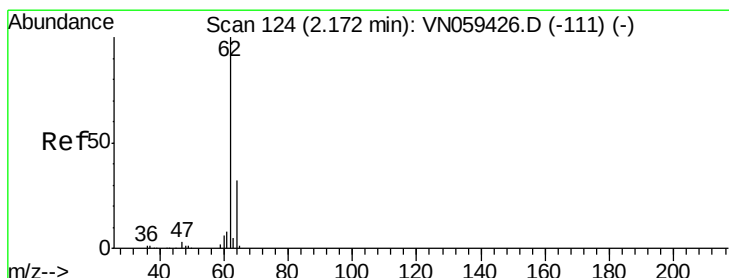
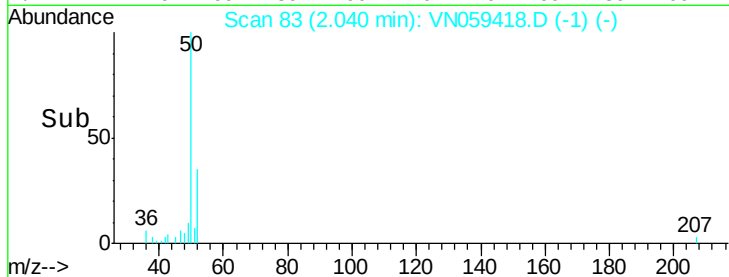
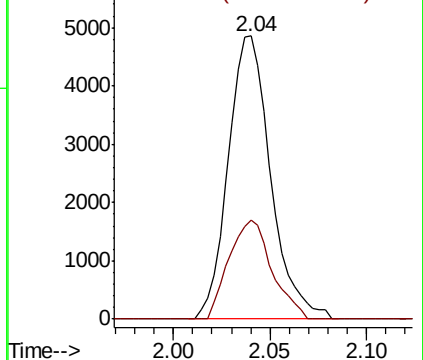
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.674 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN059418.D

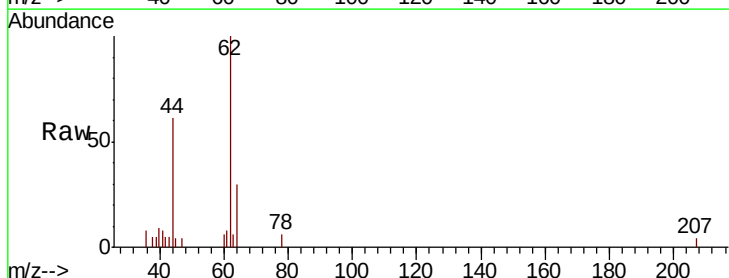
Acq: 27 Nov 2019 12:39

Tgt Ion: 62 Resp: 6788

Ion Ratio Lower Upper

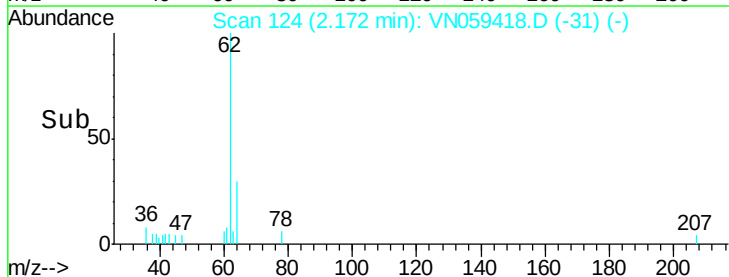
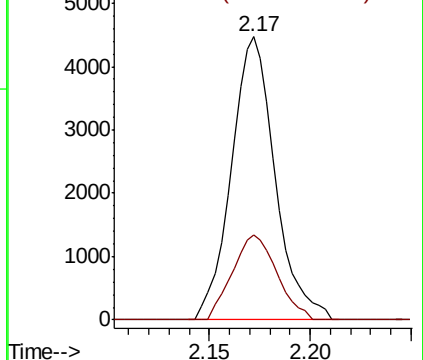
62 100

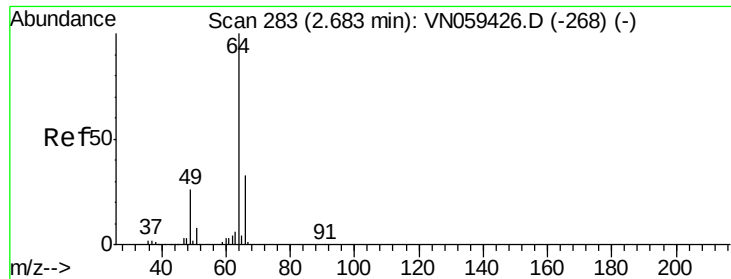
64 29.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.560 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 3548

Ion Ratio Lower Upper

64 100

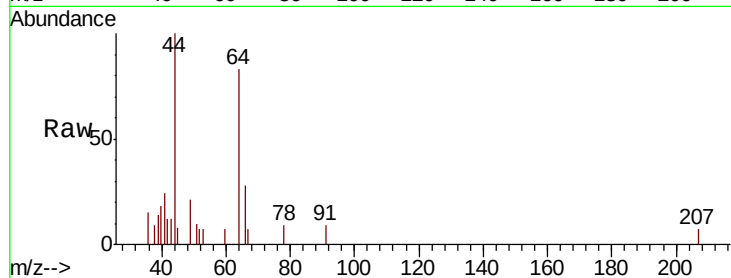
66 33.1 26.5 39.7

Manual Integrations

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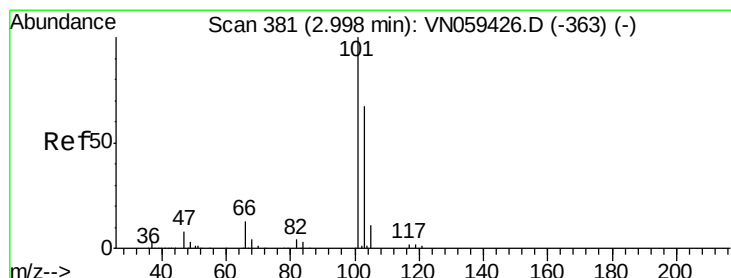
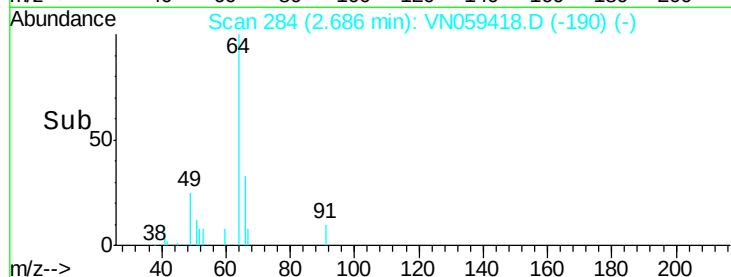
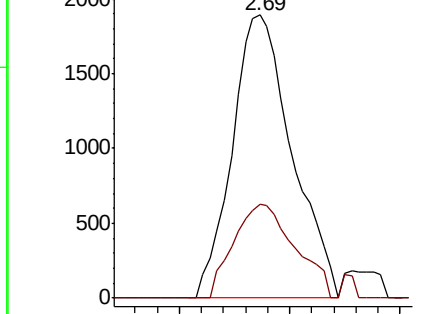
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Abundance Ion 63.90 (63.60 to 64.60): VN059418.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN059418.D (-190) (-)



#7

Trichlorofluoromethane

Concen: 1.546 ug/l

RT: 3.00 min Scan# 381

Delta R.T. -0.00 min

Lab File: VN059418.D

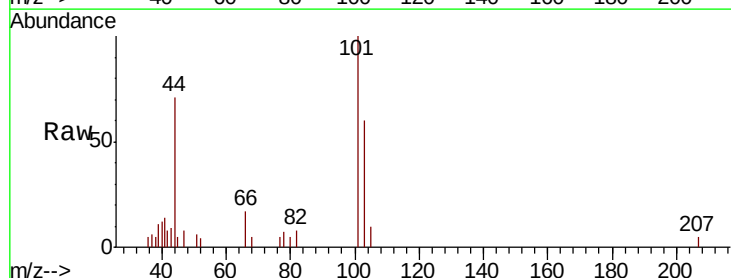
Acq: 27 Nov 2019 12:39

Tgt Ion: 101 Resp: 7469

Ion Ratio Lower Upper

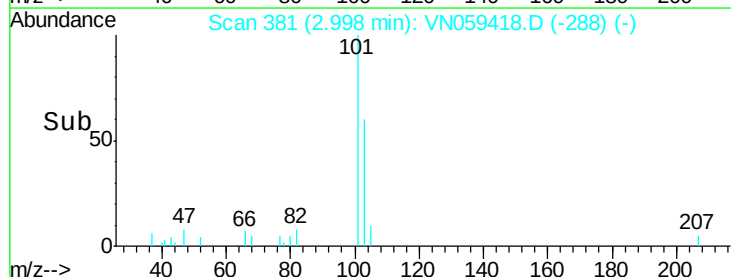
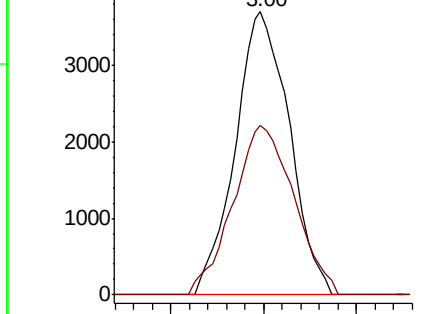
101 100

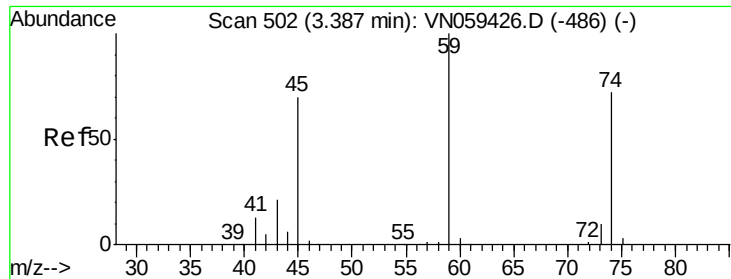
103 59.7 53.6 80.4



Abundance Ion 100.90 (100.60 to 101.60): VN059418.D (-288) (-)

Ion 102.80 (102.50 to 103.50): VN059418.D (-288) (-)





#8

Diethyl Ether

Concen: 1.456 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2863

Ion Ratio Lower Upper

74 100

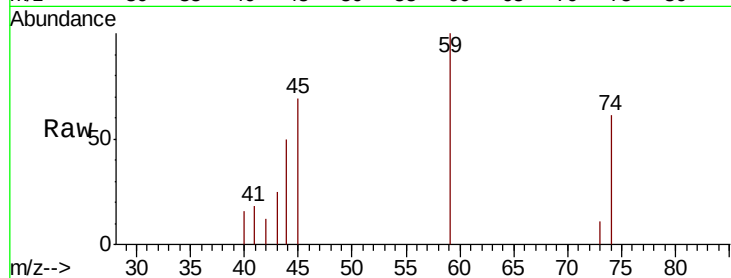
45 107.6 49.7 149.1

Manual Integrations

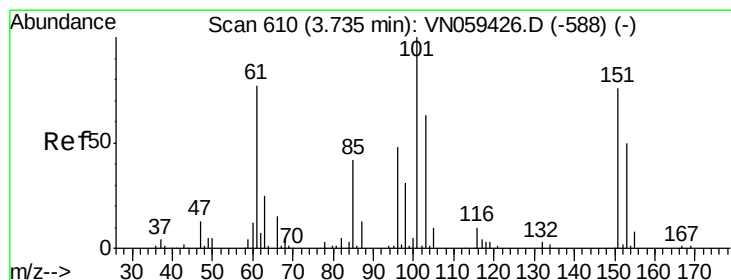
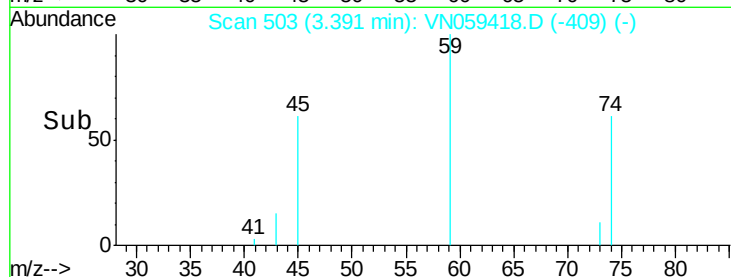
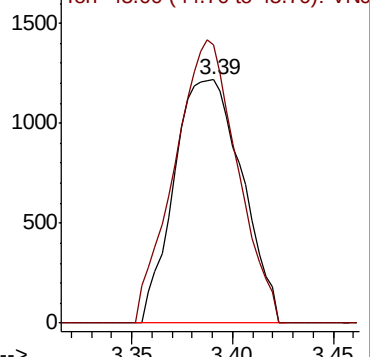
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Abundance Ion 74.00 (73.70 to 74.70): VN059418.D (-409) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.573 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

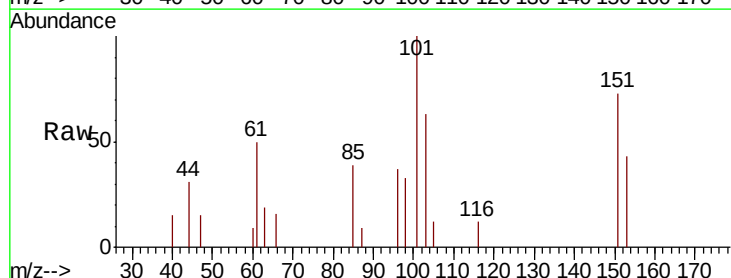
Tgt Ion: 101 Resp: 4678

Ion Ratio Lower Upper

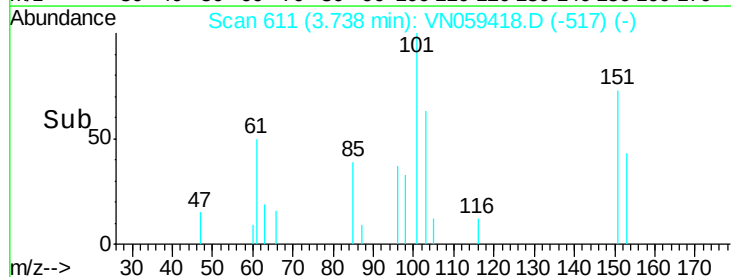
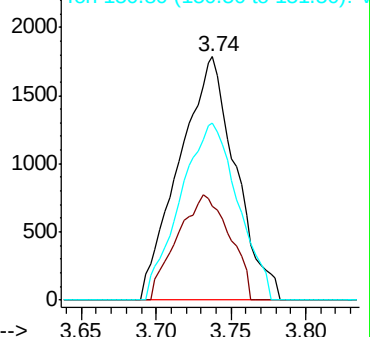
101 100

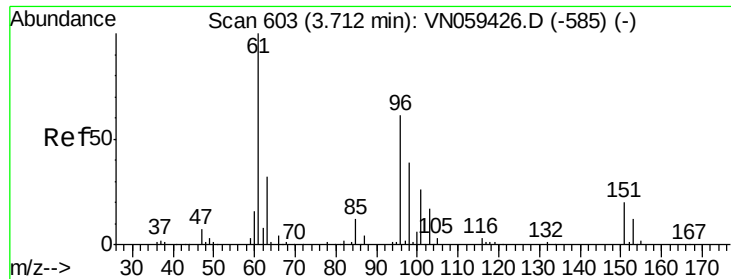
85 40.4 34.2 51.2

151 74.3 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): VN059418.D (-517) (-)





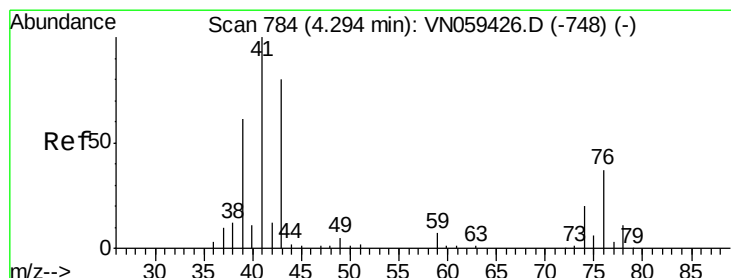
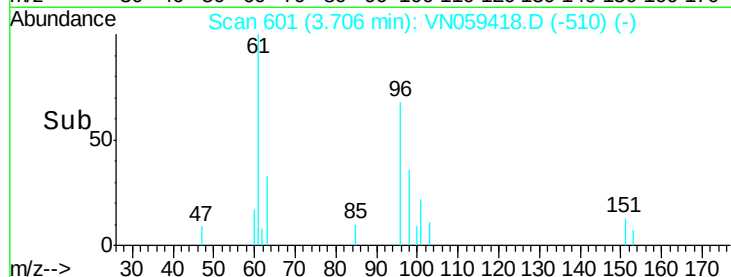
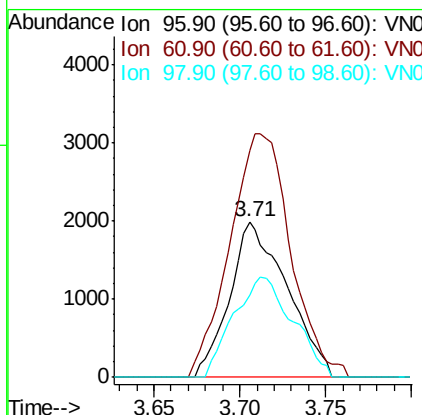
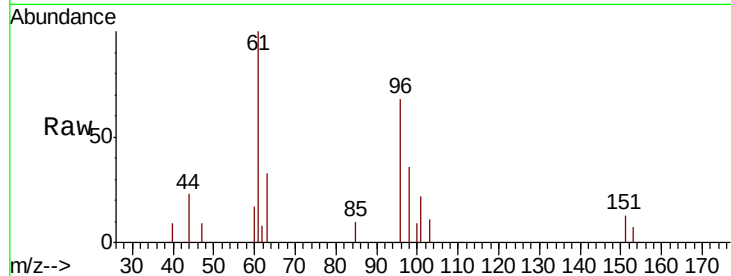
#12
1,1-Dichloroethene
Concen: 1.585 ug/l
RT: 3.71 min Scan# 601
Delta R.T. -0.01 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	130.5	195.7
98	52.6	51.3	76.9

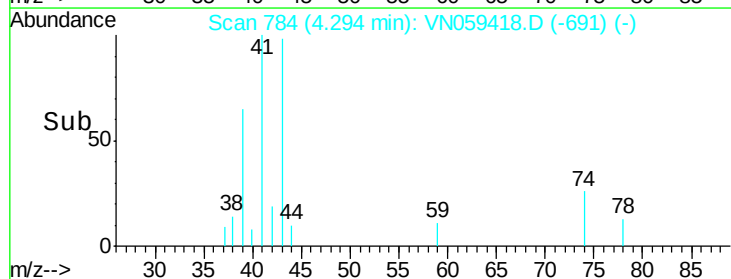
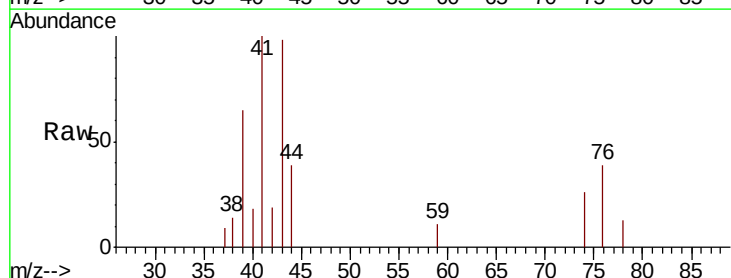
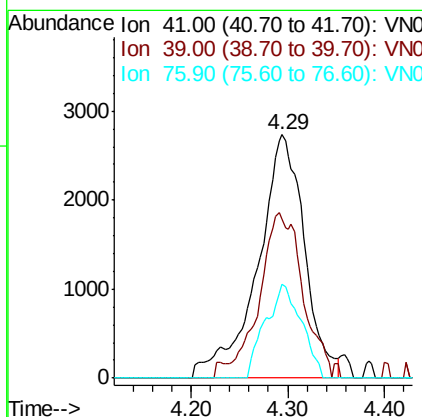
Manual Integrations
APPROVED

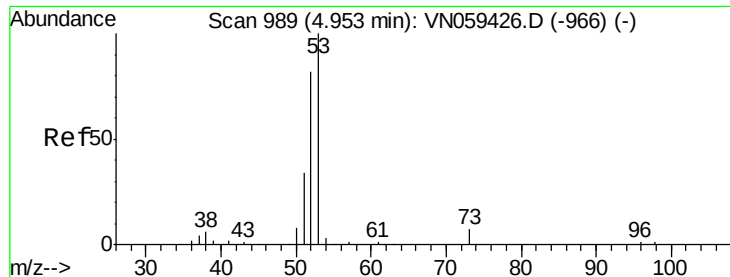
apatel
12/2/2019 10:08:40 AM



#14
Allyl chloride
Concen: 1.693 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.3	46.5	69.7
76	29.7	26.8	40.2





#15

Acrylonitrile

Concen: 7.664 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

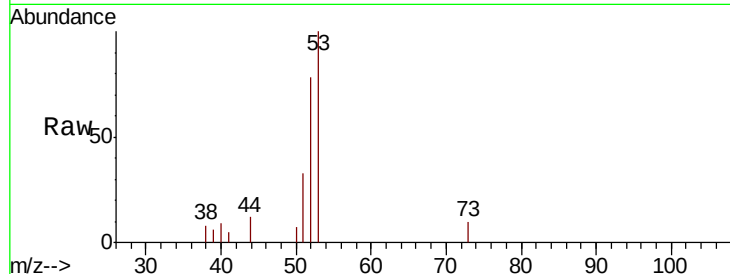
ClientSampled :

VSTDIC001

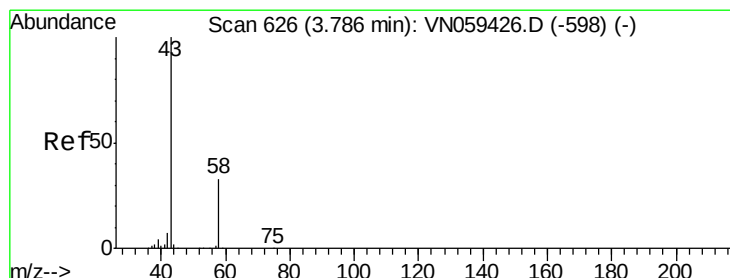
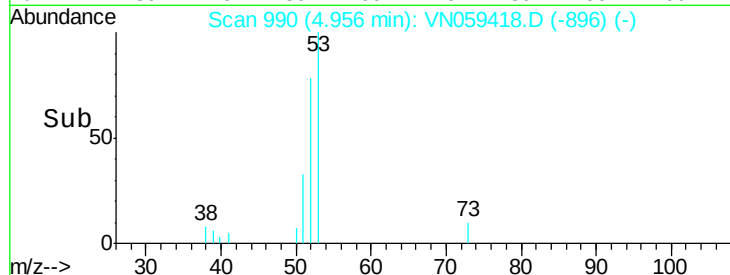
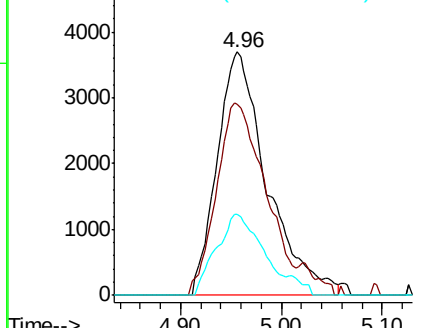
Tot Ion:	53	Resp:	12720
Ion	Ratio	Lower	Upper
53	100		
52	76.9	65.1	97.7
51	32.8	27.8	41.8

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VN059418.D (-896) (-)



#16

Acetone

Concen: 8.543 ug/l

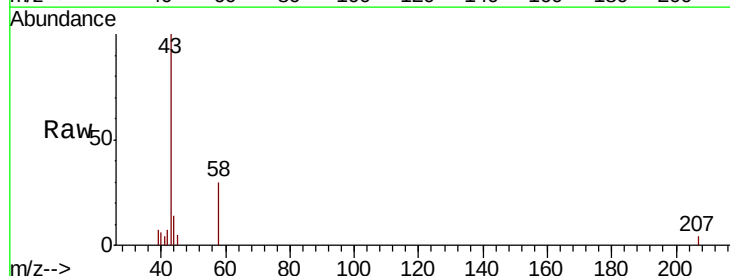
RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

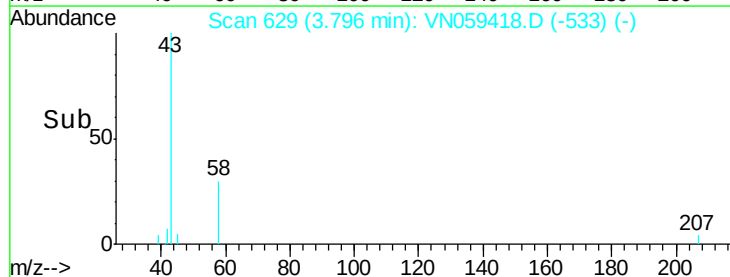
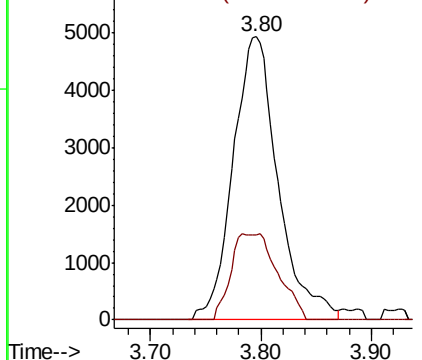
Lab File: VN059418.D

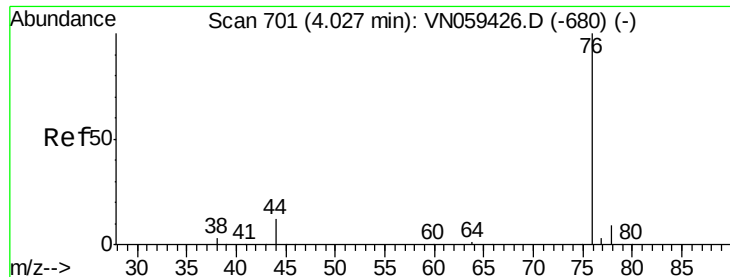
Acq: 27 Nov 2019 12:39

Tgt Ion:	43	Resp:	13994
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.6	39.8



Abundance Ion 43.00 (42.70 to 43.70): VN059418.D (-533) (-)





#17

Carbon Disulfide

Concen: 1.683 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 16827

Ion Ratio Lower Upper

76 100

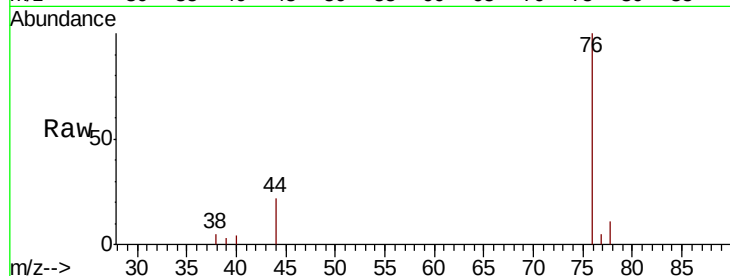
78 10.9 7.4 11.0

Manual Integrations

APPROVED

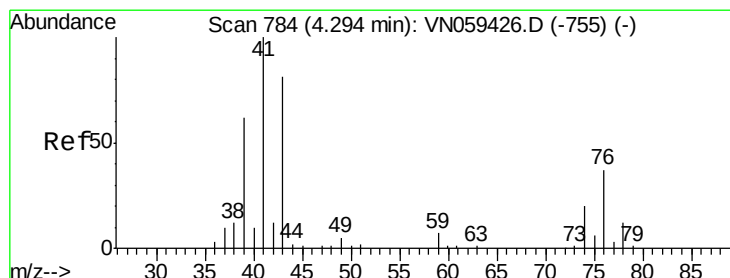
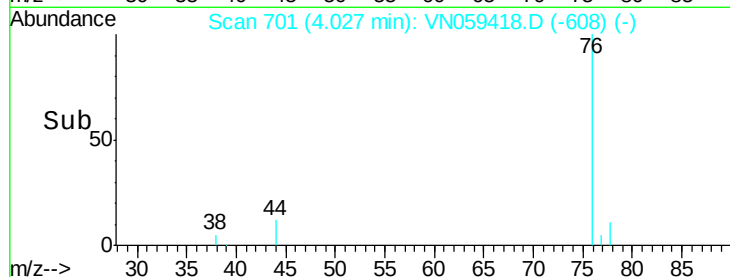
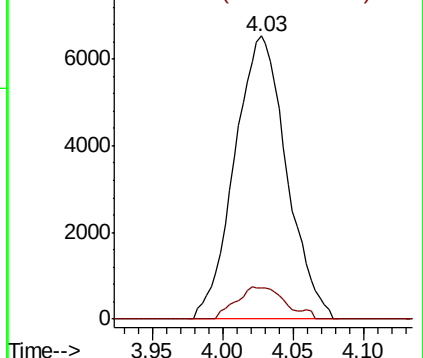
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 1.916 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059418.D

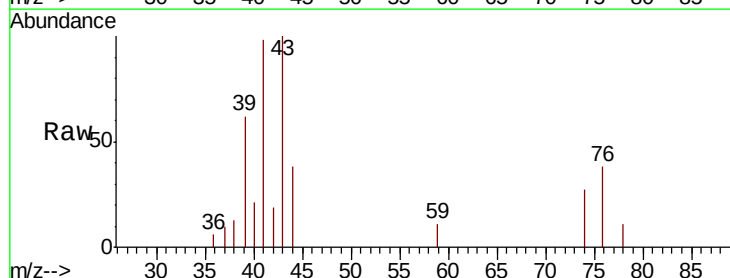
Acq: 27 Nov 2019 12:39

Tgt Ion: 43 Resp: 8546

Ion Ratio Lower Upper

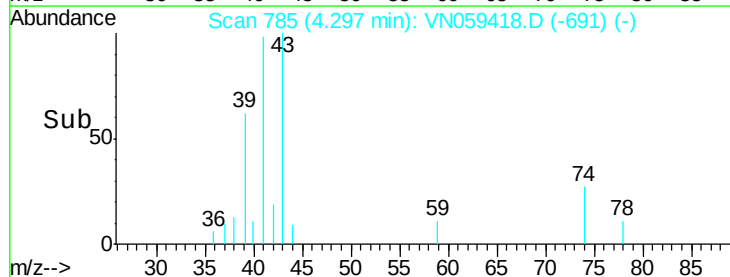
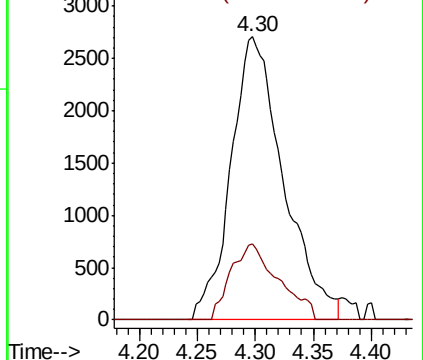
43 100

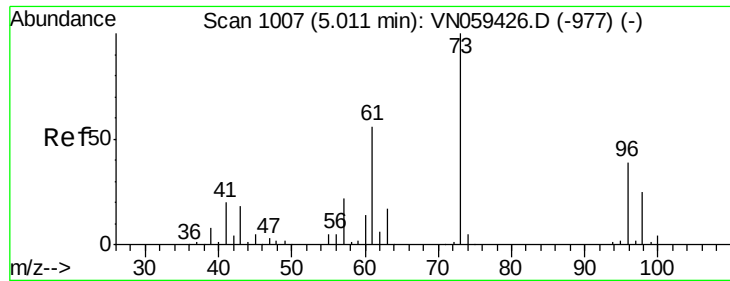
74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





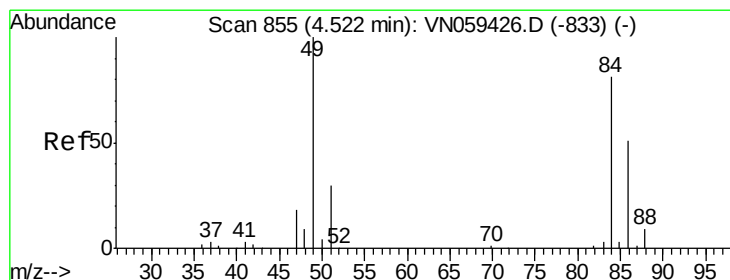
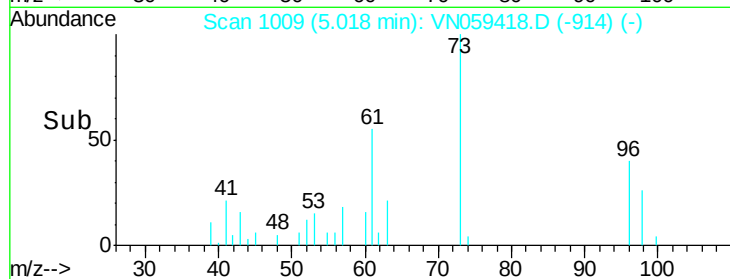
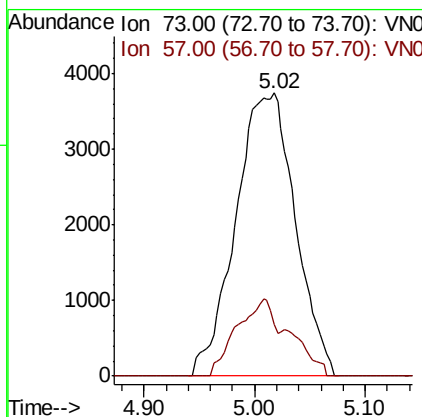
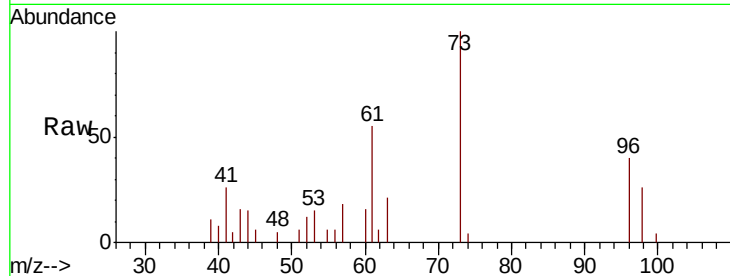
#19
Methyl tert-butyl Ether
Concen: 1.493 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 14016
Ion Ratio Lower Upper
73 100
57 18.5 17.7 26.5

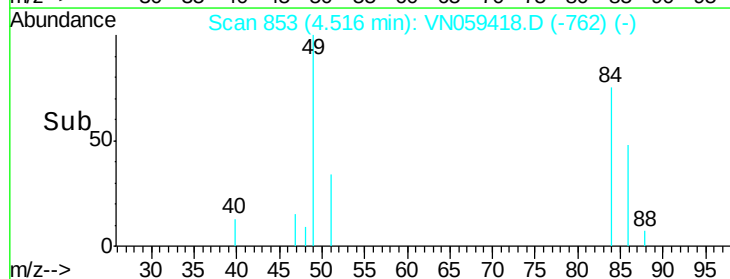
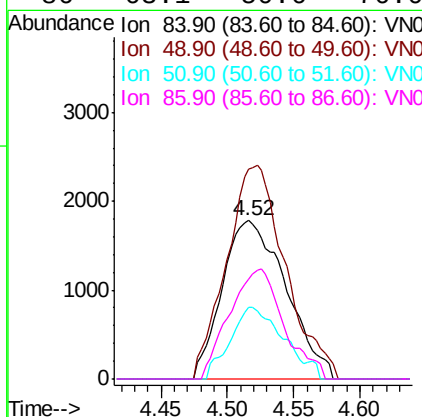
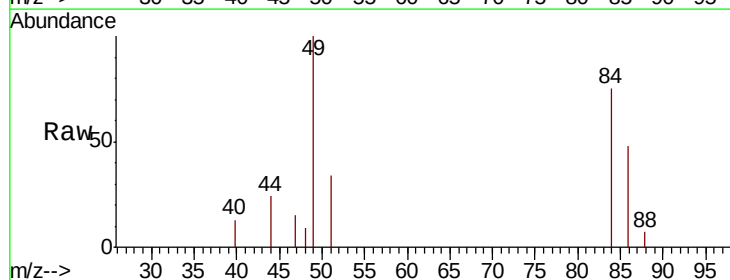
Manual Integrations
APPROVED

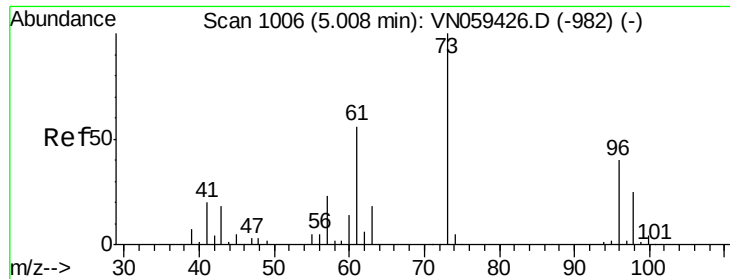
apatel
12/2/2019 10:08:40 AM



#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion: 84 Resp: 5986
Ion Ratio Lower Upper
84 100
49 132.5 98.6 148.0
51 45.6 29.4 44.0#
86 63.1 50.6 76.0





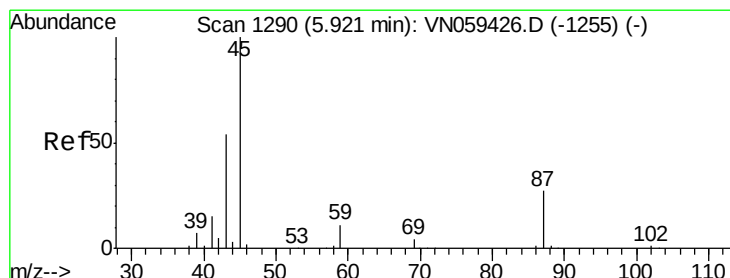
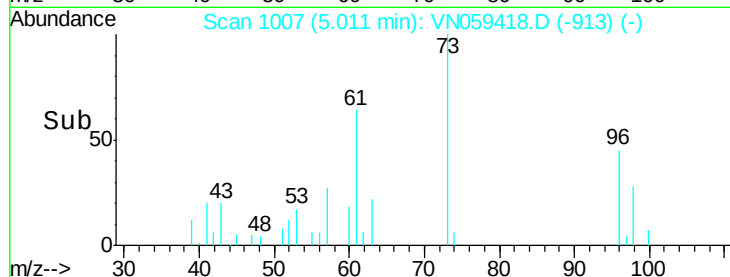
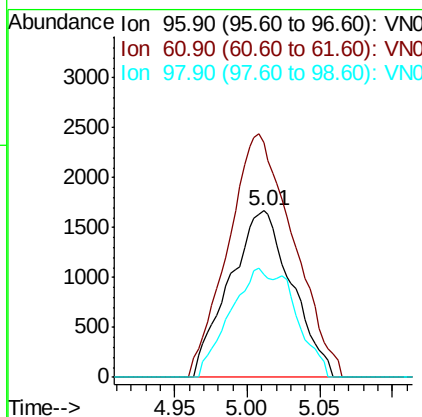
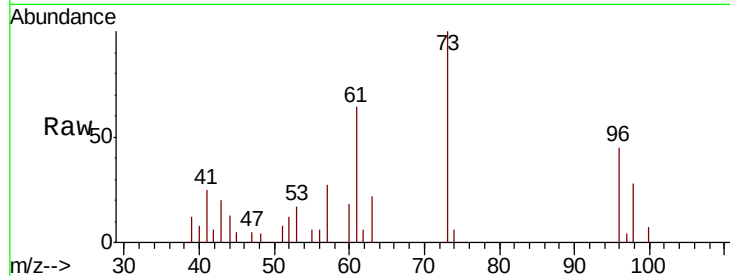
#21
trans-1,2-Dichloroethene
Concen: 1.577 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	114.0	171.0
98	62.1	50.5	75.7

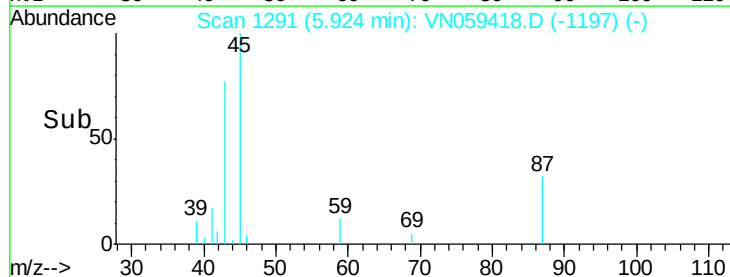
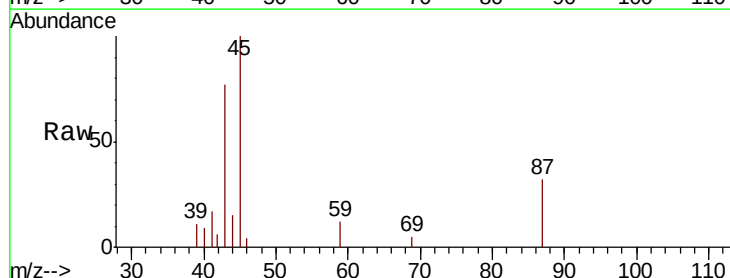
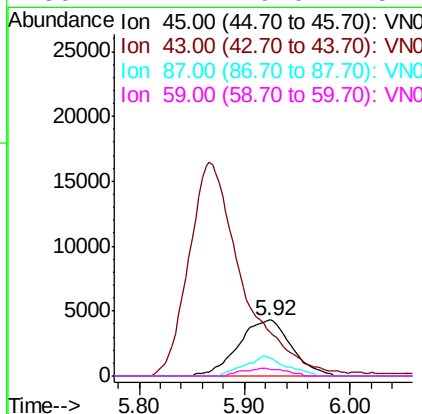
Manual Integrations
APPROVED

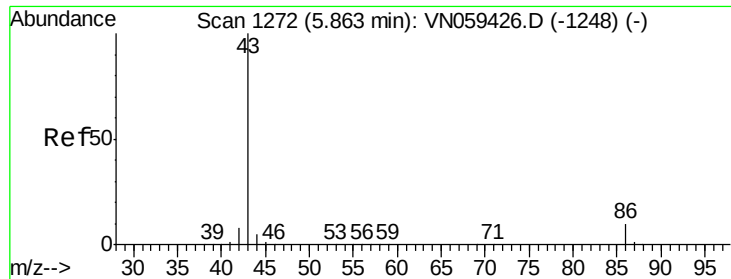
apatel
12/2/2019 10:08:40 AM



#22
Diisopropyl ether
Concen: 1.497 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.4	46.3	69.5
87	32.0	21.8	32.6
59	12.1	9.0	13.4





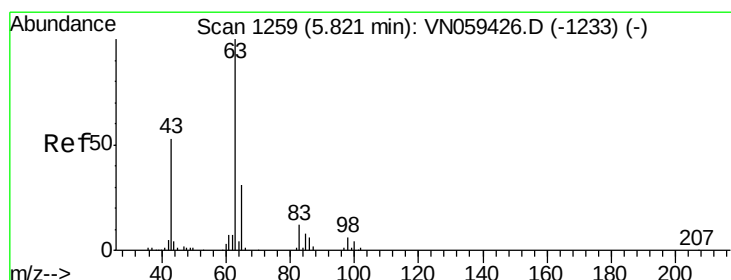
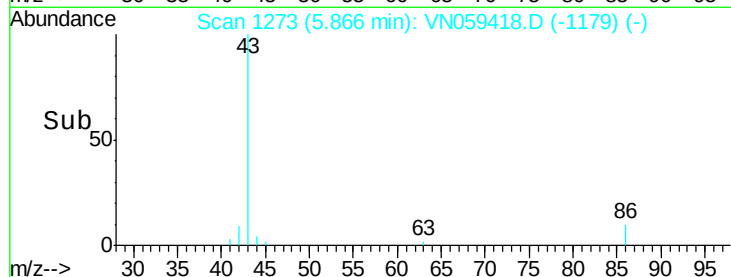
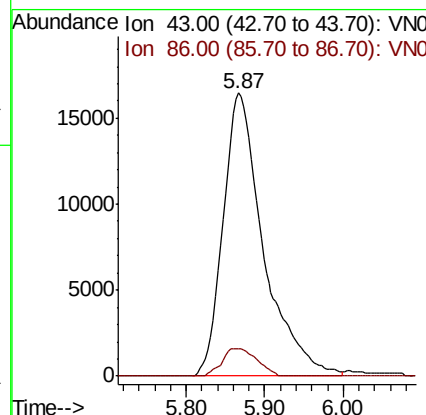
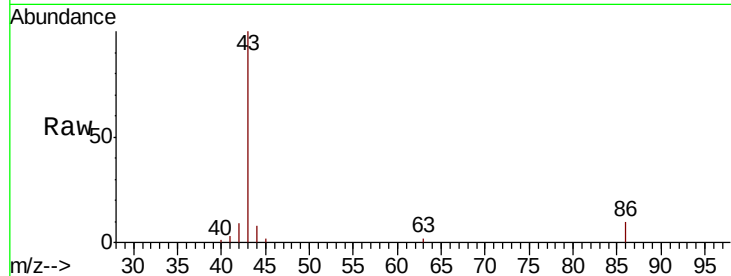
#23
 Vinyl Acetate
 Concen: 7.214 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	43	Resp	58435
Ion Ratio	100	Lower	Upper
43	100		
86	9.6	8.2	12.4

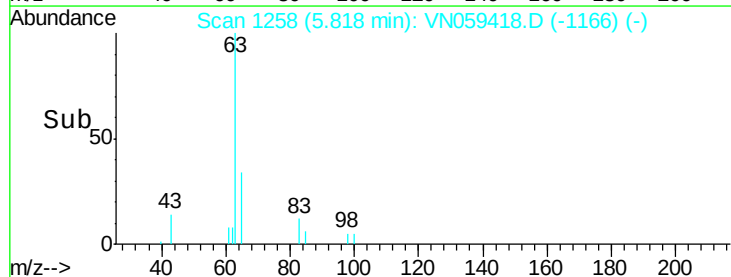
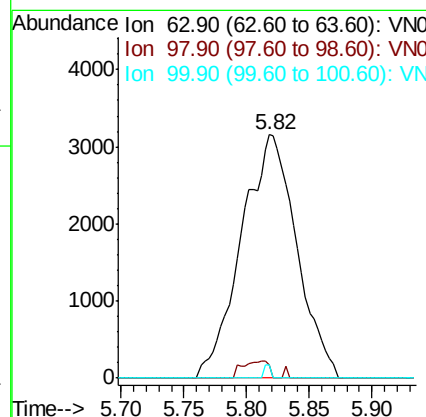
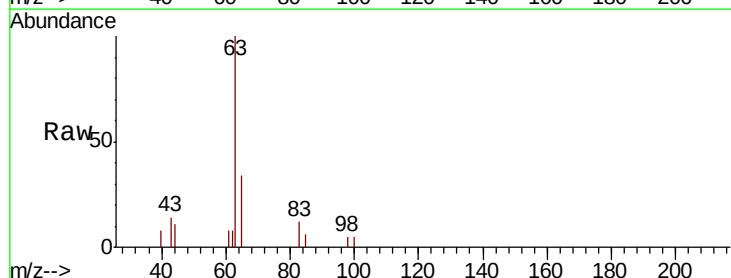
Manual Integrations
 APPROVED

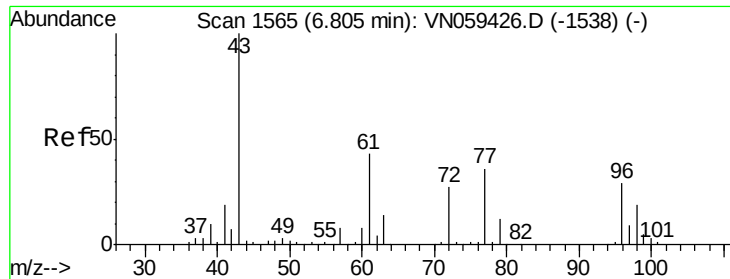
apatel
 12/2/2019 10:08:40 AM



#24
 1,1-Dichloroethane
 Concen: 1.670 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	63	Resp	9650
Ion Ratio	100	Lower	Upper
63	100		
98	5.4	3.2	9.6
100	5.4	2.1	6.3





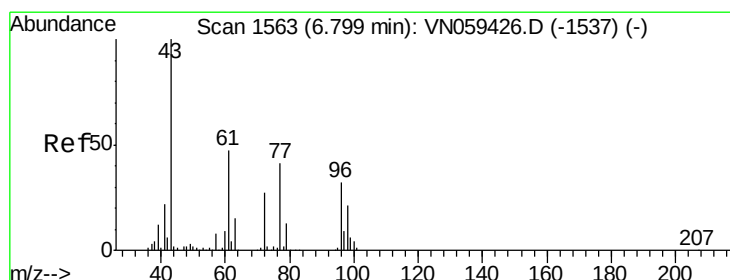
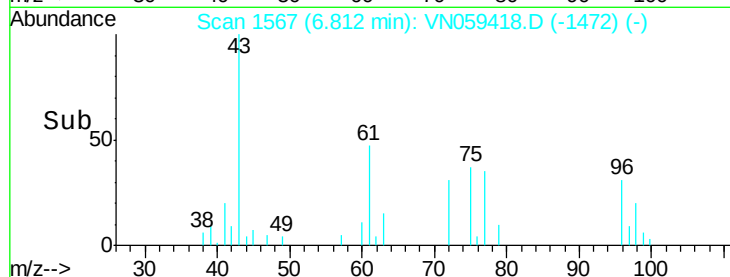
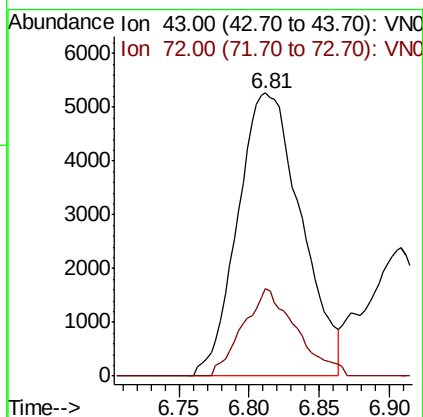
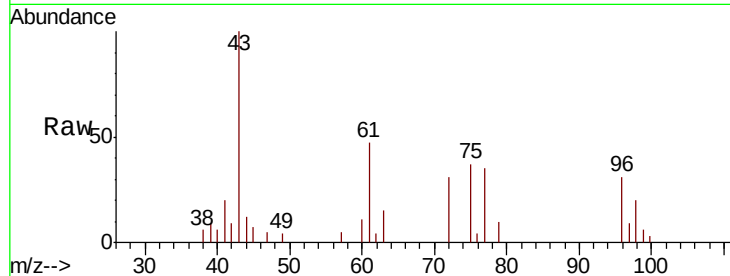
#25
2-Butanone
Concen: 7.334 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 16526
Ion Ratio Lower Upper
43 100
72 30.9 21.4 32.2

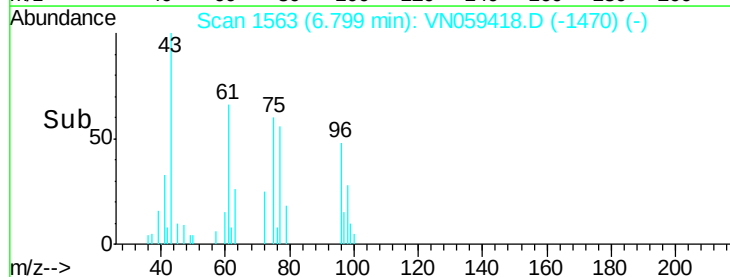
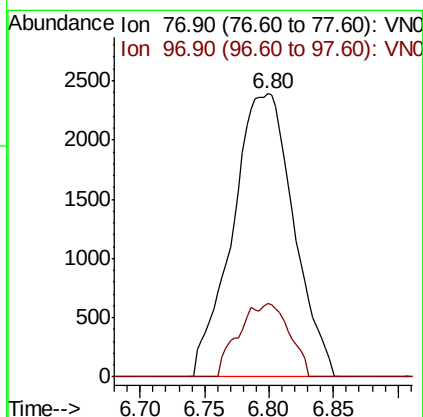
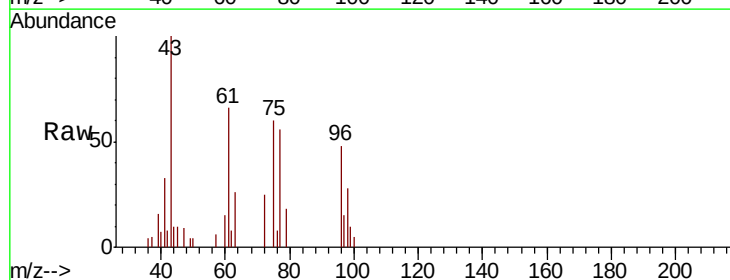
Manual Integrations
APPROVED

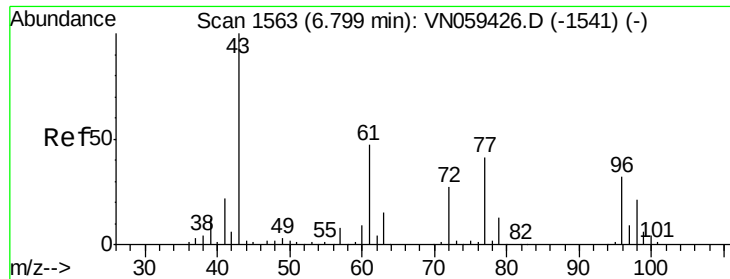
apatel
12/2/2019 10:08:40 AM



#26
2,2-Dichloropropane
Concen: 1.606 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion: 77 Resp: 7898
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 1.652 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

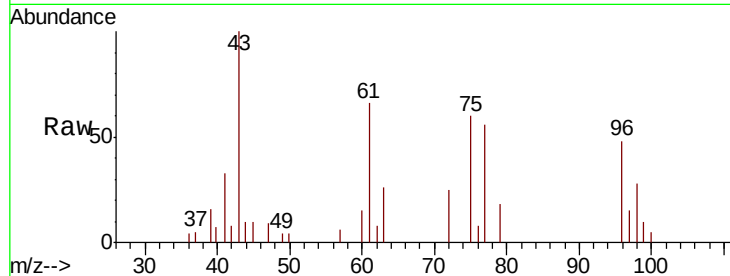
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	5736
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	297.6
98	62.1	0.0	130.8

Manual Integrations
APPROVED

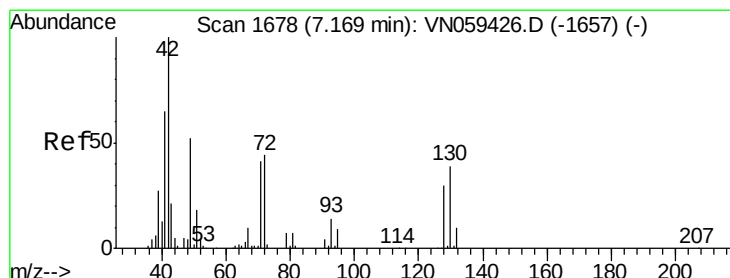
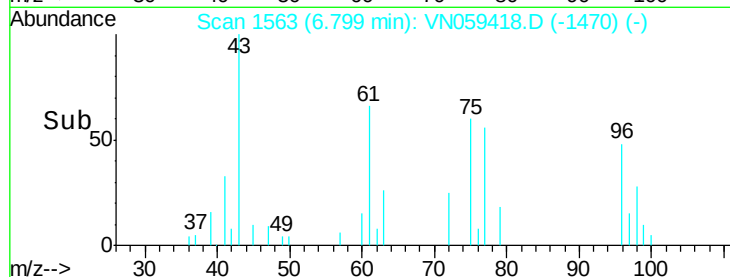
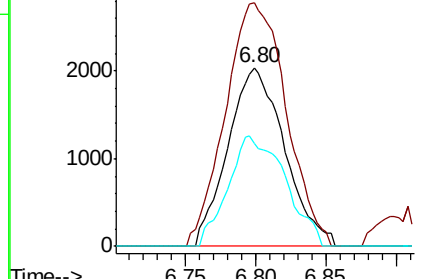
apatel
12/2/2019 10:08:40 AM



Abundance Ion 95.90 (95.60 to 96.60): VN059418.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059418.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059418.D (-1470) (-)



#28

Bromochloromethane

Concen: 0.649 ug/l

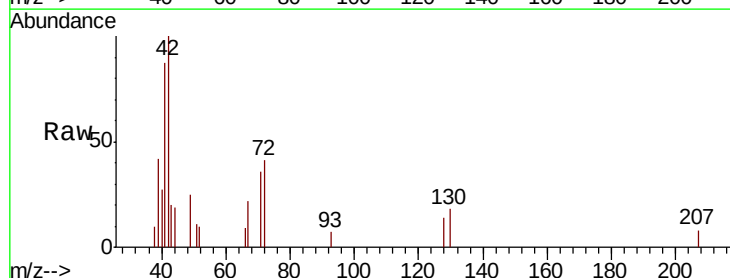
RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

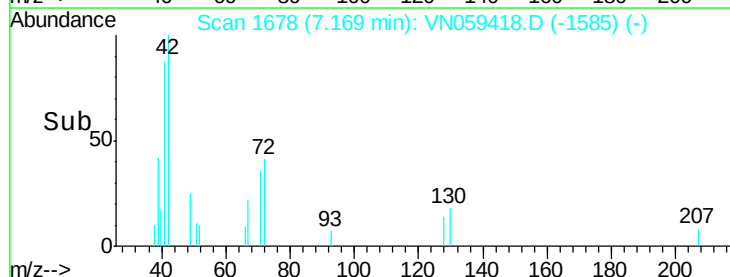
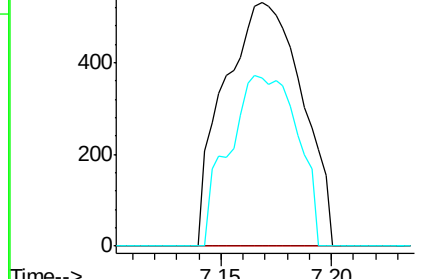
Tgt Ion:	49	Resp:	1296
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	61.4	60.5	90.7

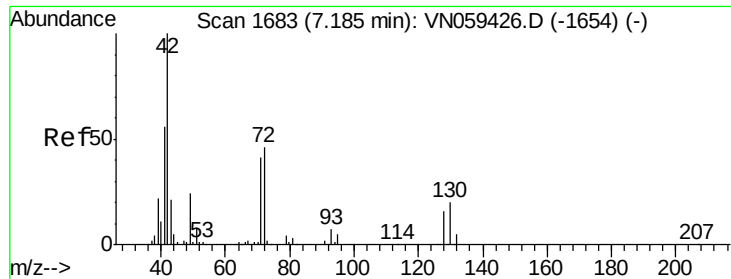


Abundance Ion 48.90 (48.60 to 49.60): VN059418.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059418.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059418.D (-1585) (-)





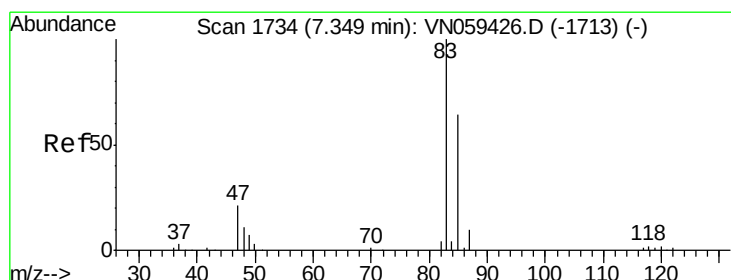
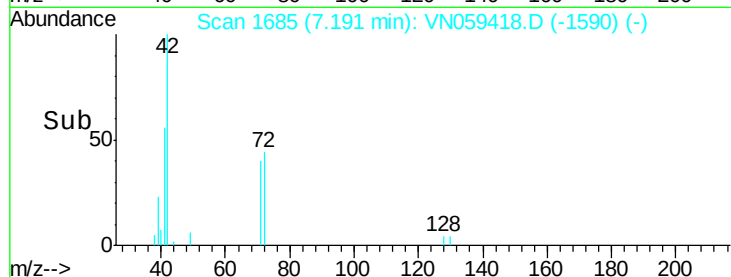
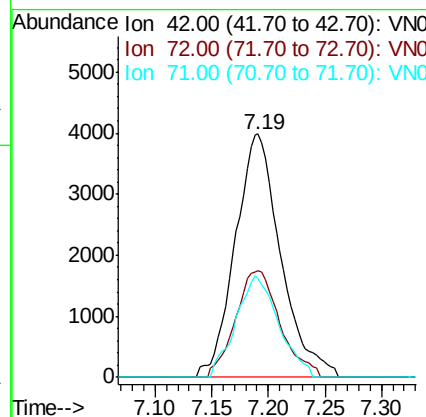
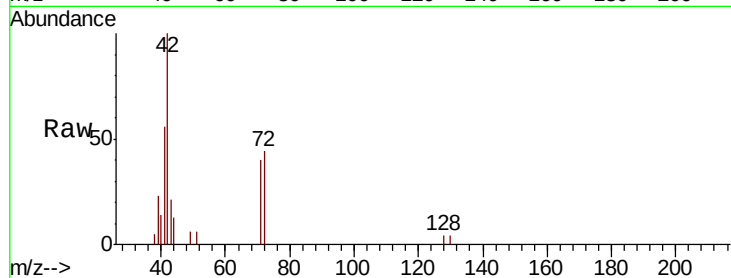
#29
Tetrahydrofuran
Concen: 7.450 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	39.1	33.0	49.6

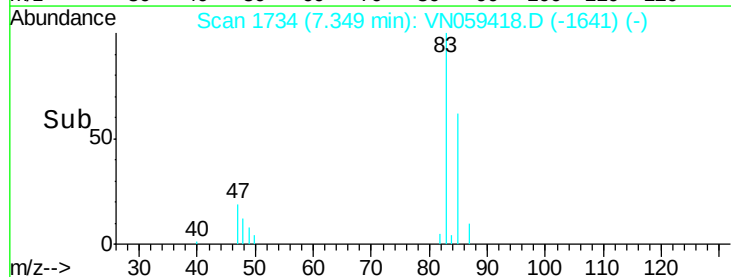
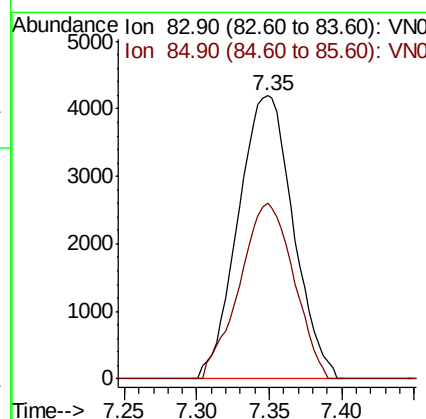
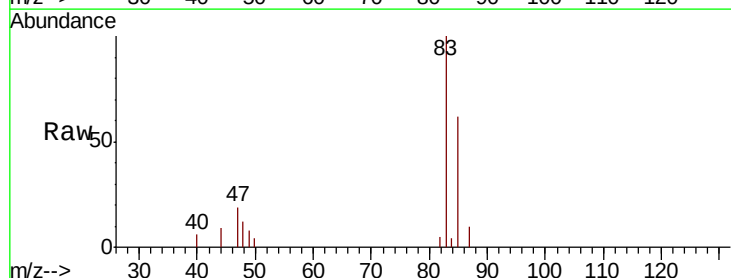
Manual Integrations
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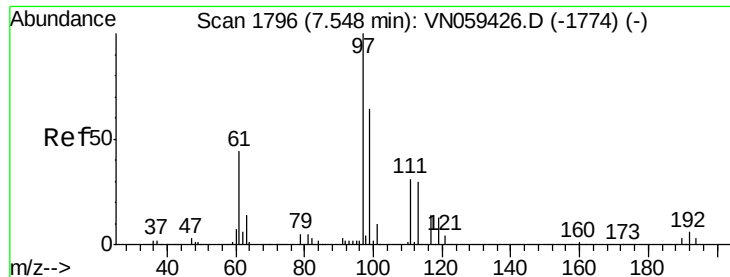
apatel
12/2/2019 10:08:40 AM



#30
Chloroform
Concen: 1.912 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.6	77.4





#32

1,1,1-Trichloroethane

Concen: 1.559 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

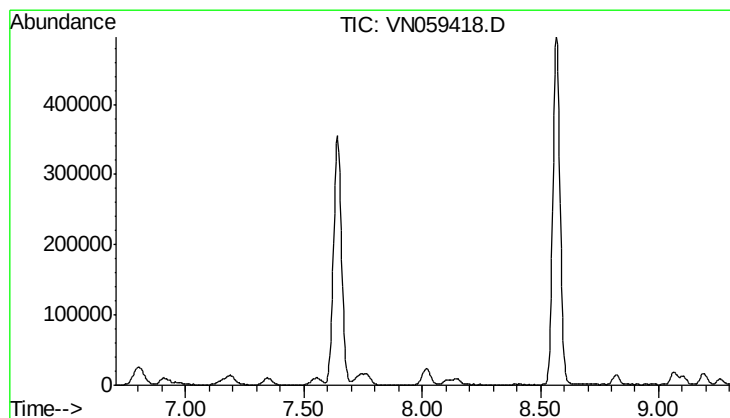
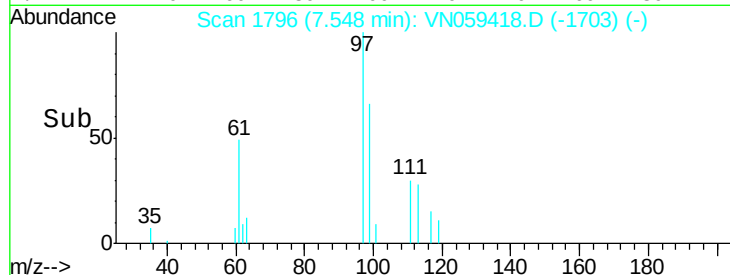
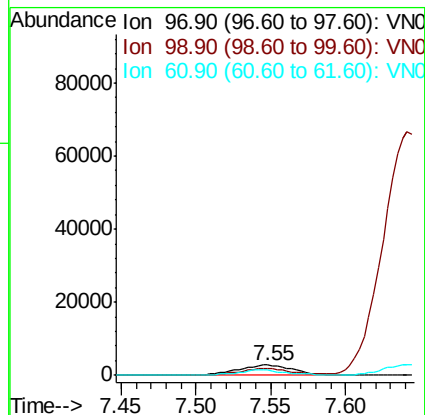
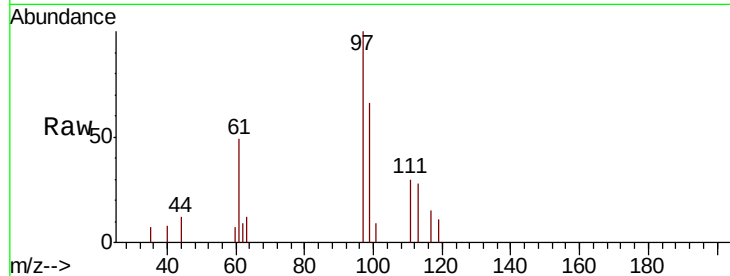
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7412
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	45.3	34.3	51.5

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.00 min

Lab File: VN059418.D

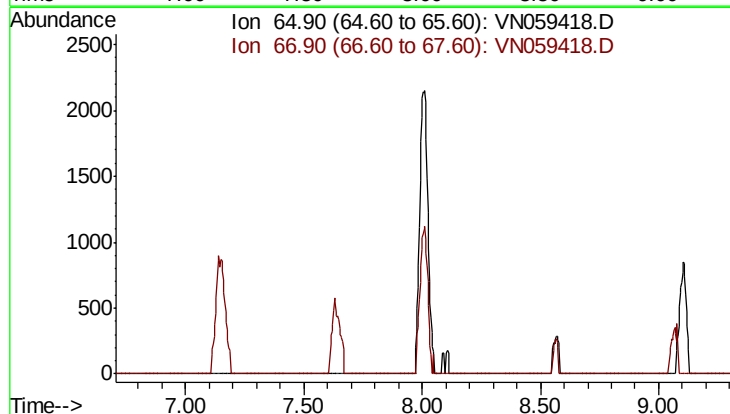
Acq: 27 Nov 2019 12:39

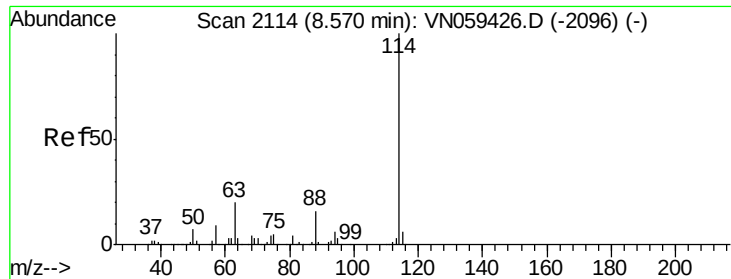
Tgt Ion: 65

Sig Exp Ratio

65 100

67 55.6





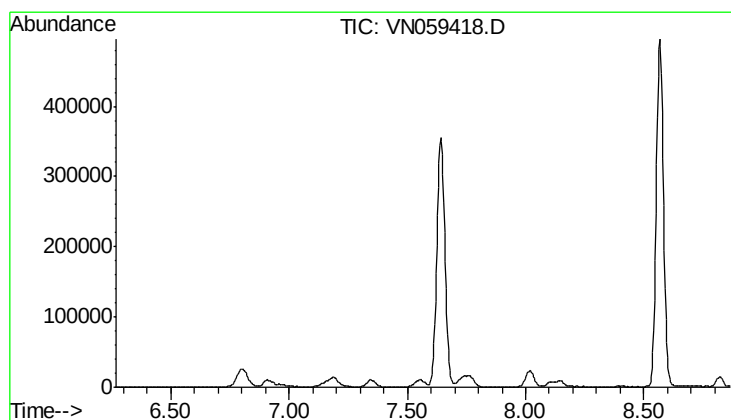
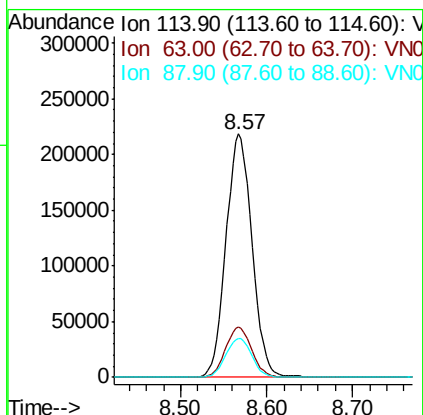
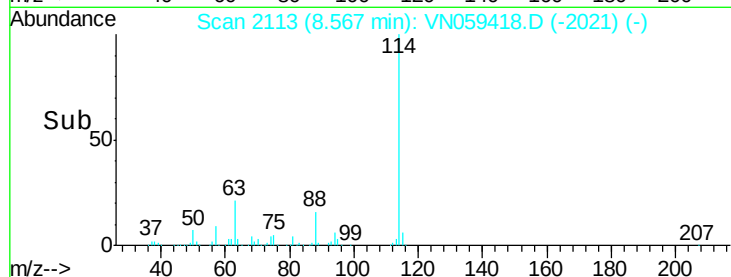
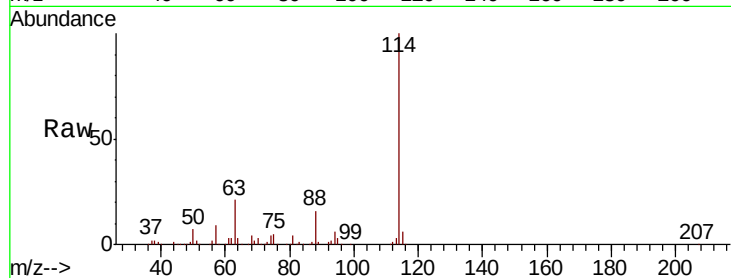
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	20.7	0.0	40.4	
88	16.1	0.0	32.2	

Manual Integrations
 APPROVED

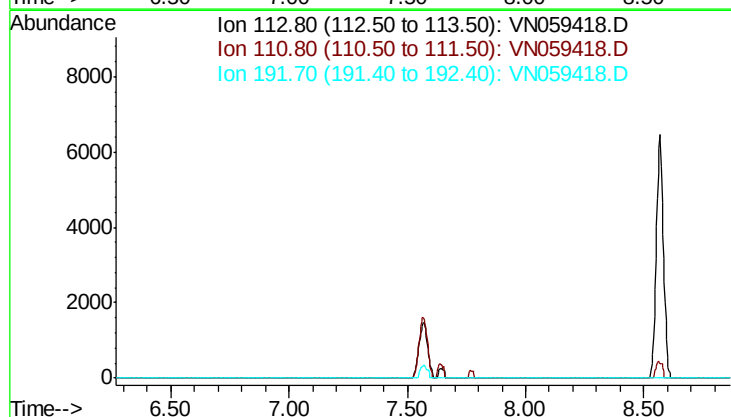
apatel
 12/2/2019 10:08:40 AM

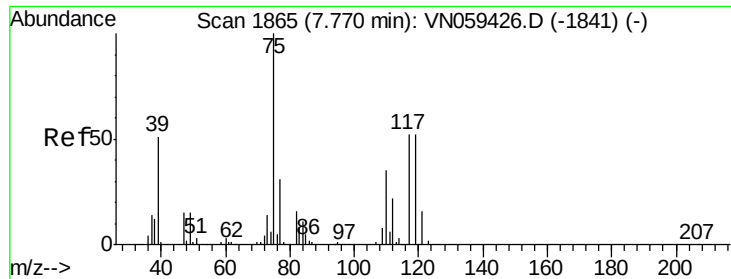


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.57 min

Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Sig	Exp Ratio
113	100	
111	102.4	
192	20.7	





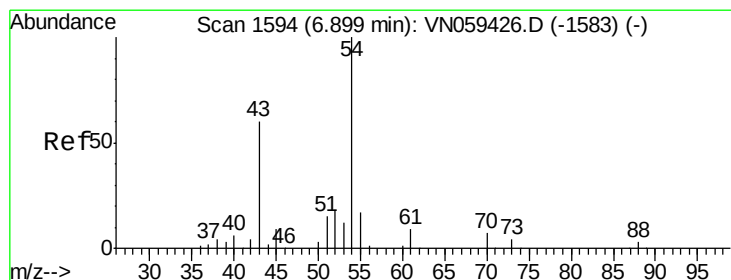
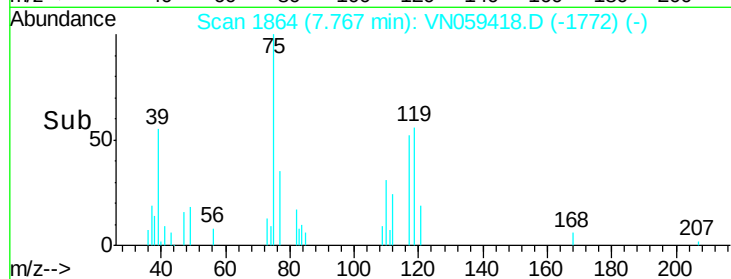
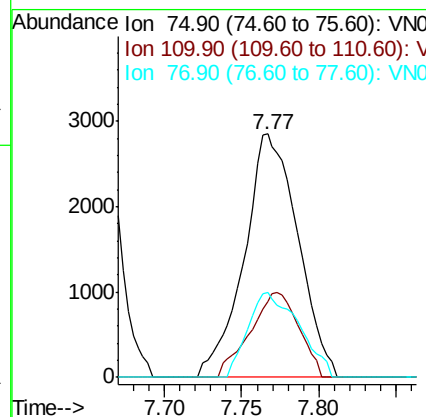
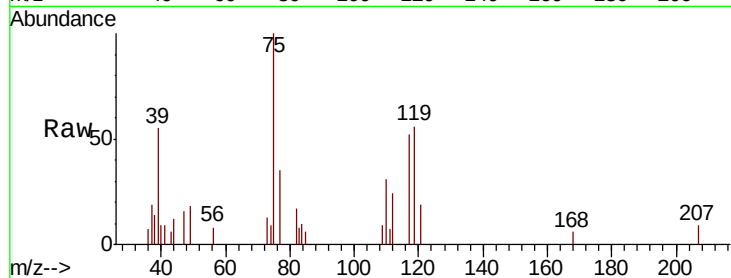
#36
 1,1-Dichloropropene
 Concen: 1.557 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.6	17.3	52.0
77	33.0	24.9	37.3

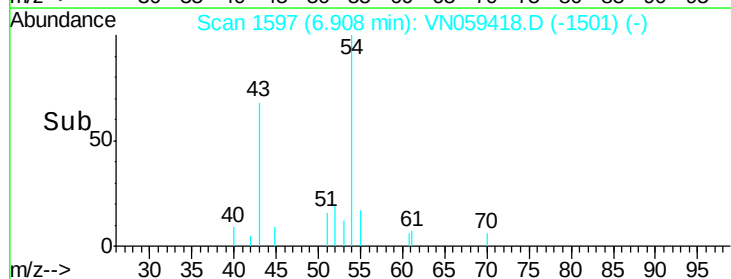
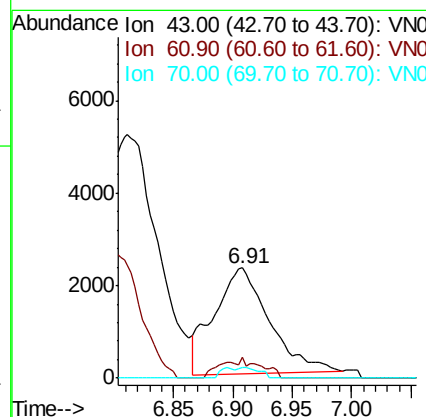
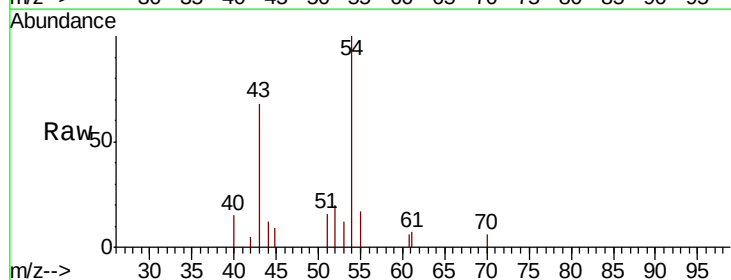
Manual Integrations
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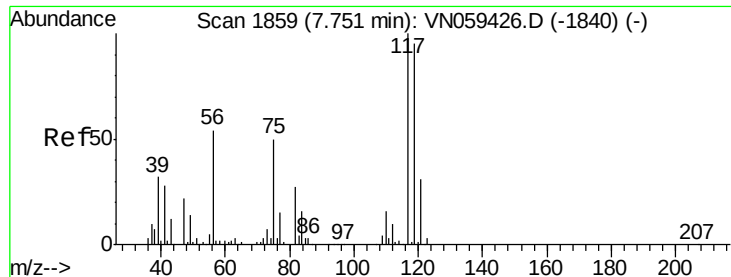
apatel
 12/2/2019 10:08:40 AM



#37
 Ethyl Acetate
 Concen: 1.572 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.6	12.2	18.2#
70	2.5	8.8	13.2#





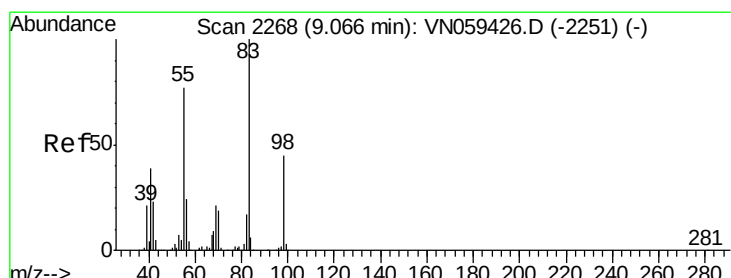
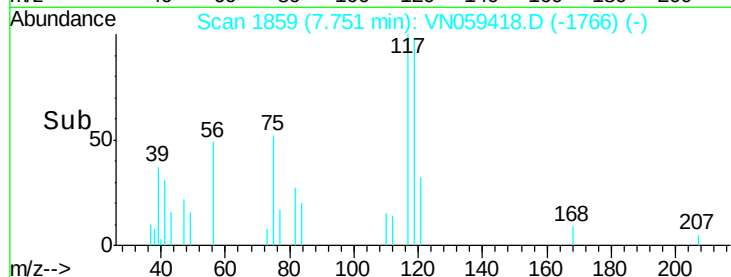
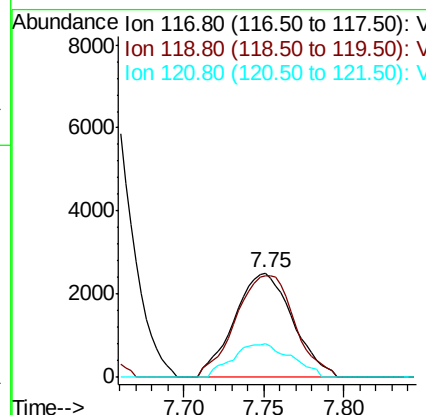
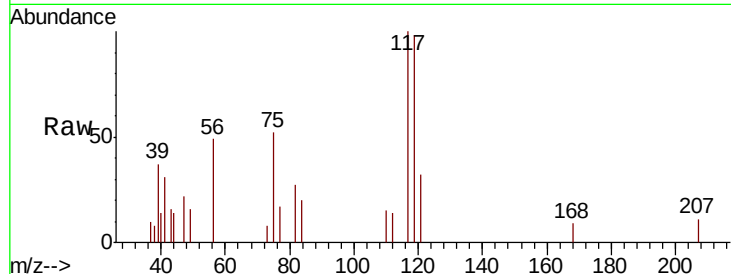
#38
Carbon Tetrachloride
Concen: 1.502 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.9	113.9
121	32.0	24.6	36.8

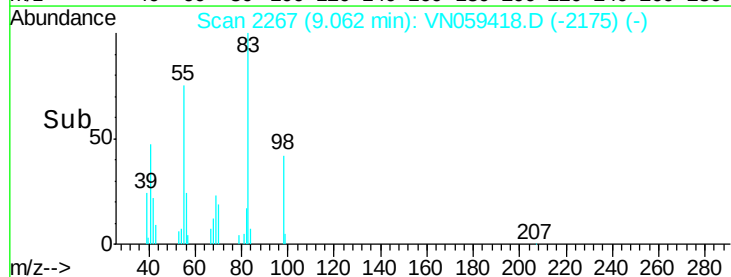
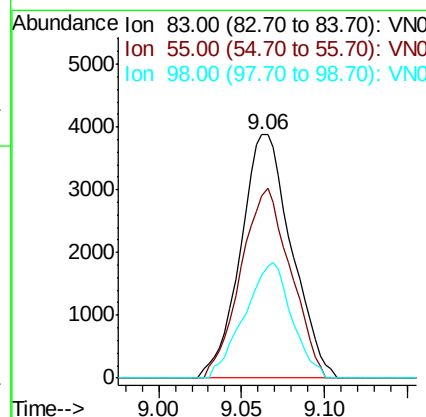
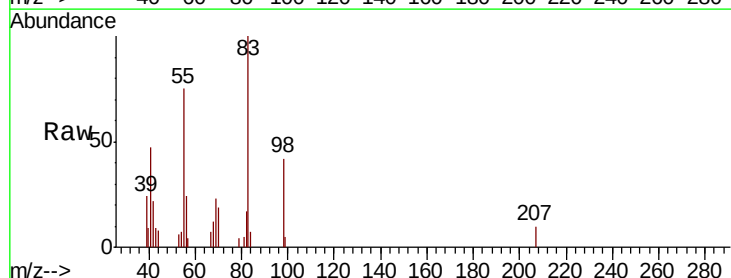
Manual Integrations
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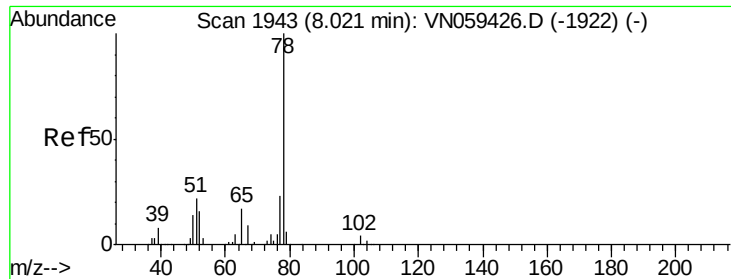
apatel
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#39
Methylcyclohexane
Concen: 1.566 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.6	92.4
98	42.2	35.7	53.5





#40

Benzene

Concen: 1.608 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 78 Resp: 21095

Ion Ratio Lower Upper

78 100

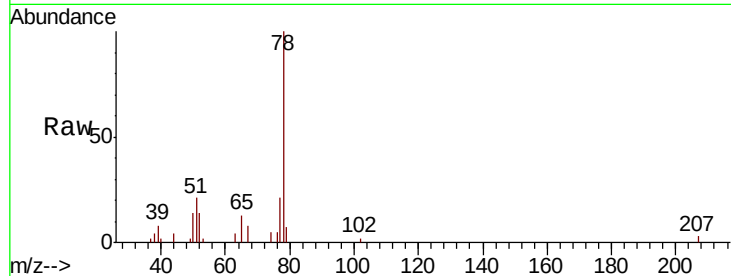
77 20.7 18.3 27.5

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.02

10000

8000

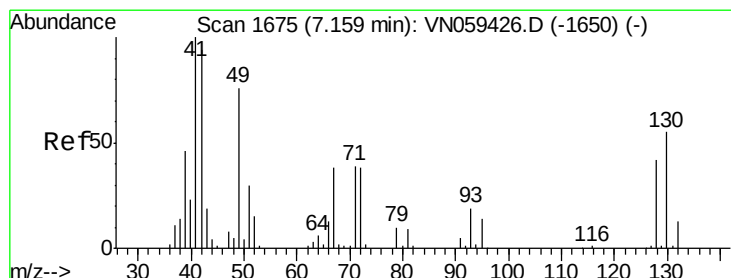
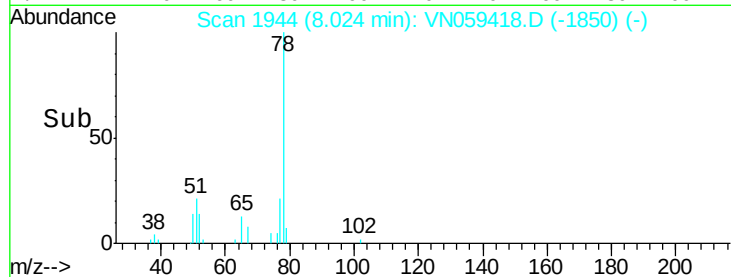
6000

4000

2000

0

Time-->



#41

Methacrylonitrile

Concen: 1.002 ug/l

RT: 7.14 min Scan# 1669

Delta R.T. -0.02 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion: 41 Resp: 2213

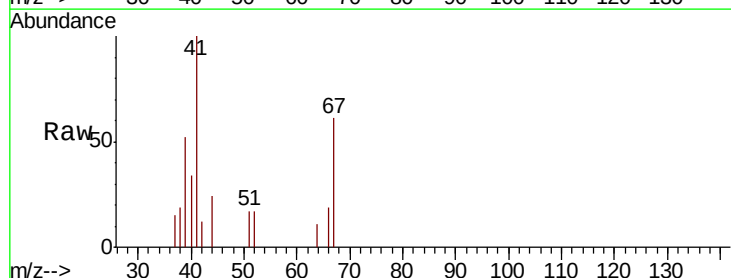
Ion Ratio Lower Upper

41 100

39 56.2 0.0 0.0#

67 55.4 0.0 0.0#

52 11.3 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

3000

2500

2000

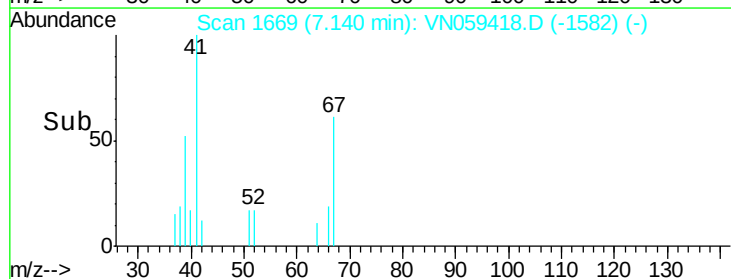
1500

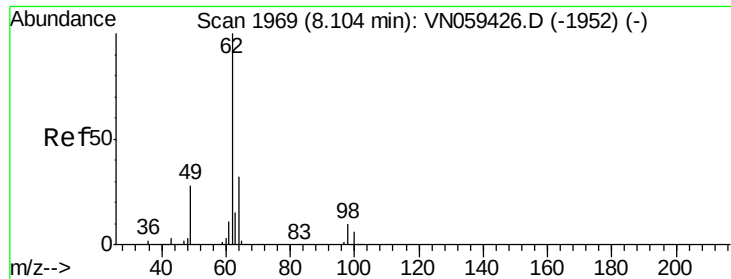
1000

500

0

Time-->





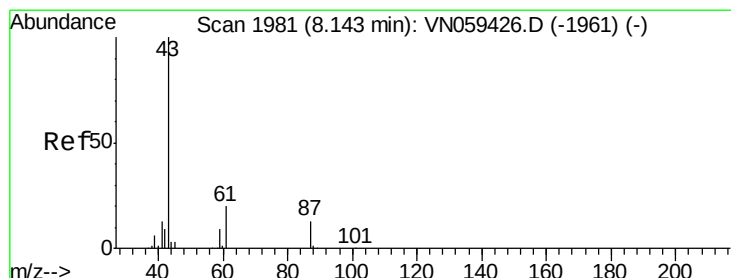
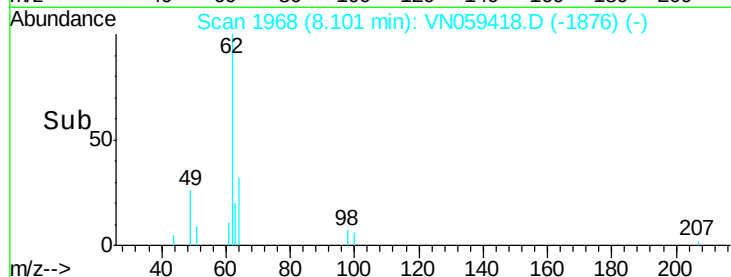
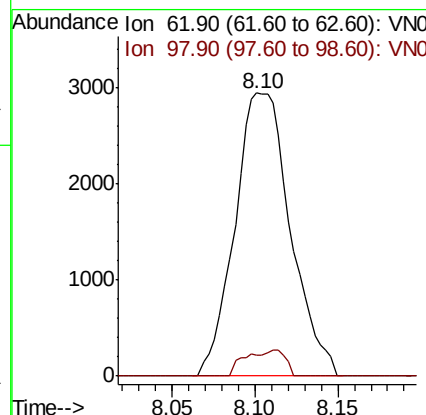
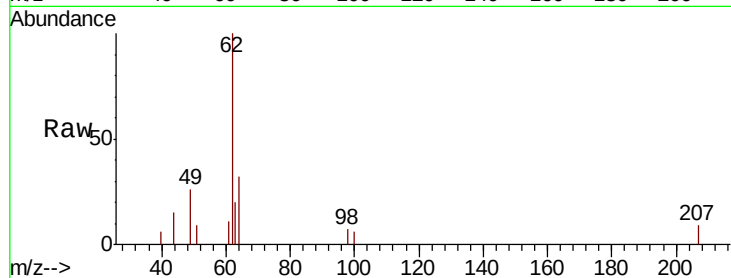
#42
 1,2-Dichloroethane
 Concen: 1.650 ug/l
 RT: 8.10 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	6865		
98	6.7		0.0	19.0

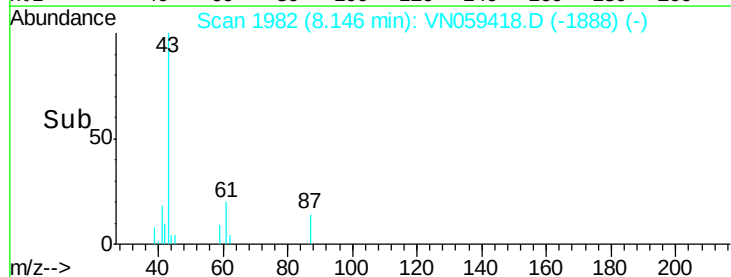
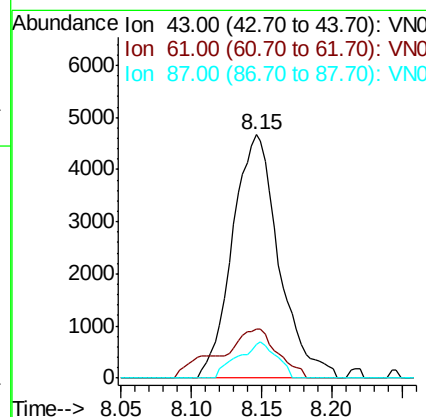
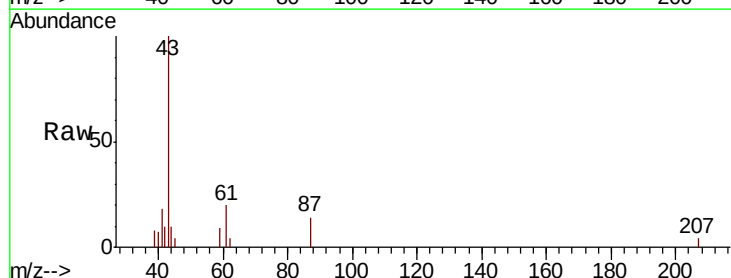
Manual Integrations
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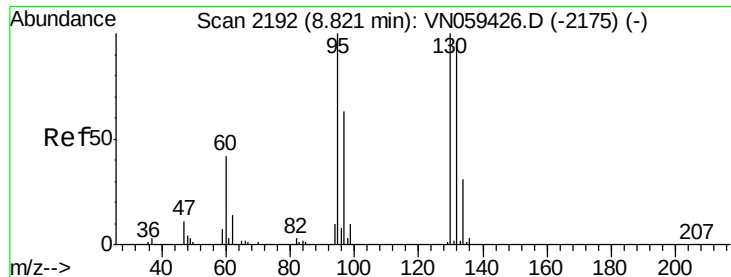
apatel
 12/2/2019 10:08:40 AM



#43
 Isopropyl Acetate
 Concen: 1.512 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	10743		
61	18.0		22.2	33.2#
87	12.3		10.7	16.1





#44

Trichloroethene

Concen: 1.586 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5305

Ion Ratio Lower Upper

130 100

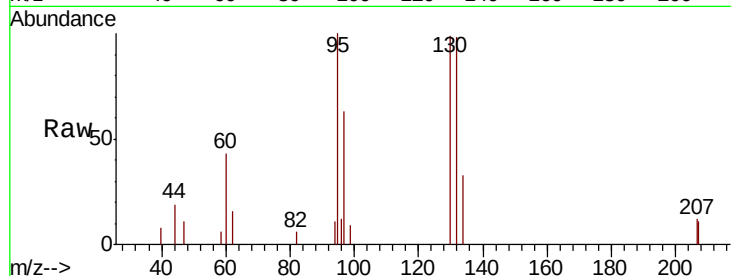
95 101.3 0.0 199.6

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): VN059418.D (-2099) (-)

Ion 94.90 (94.60 to 95.60): VN059418.D (-2099) (-)

8.82

2500

2000

1500

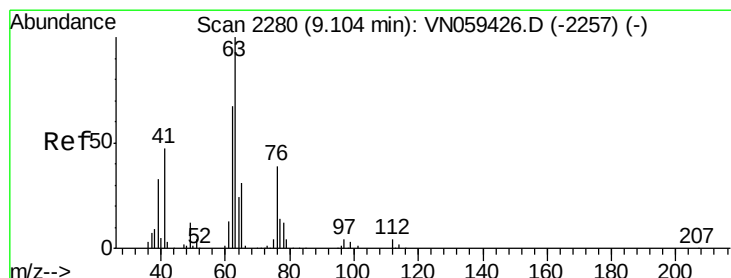
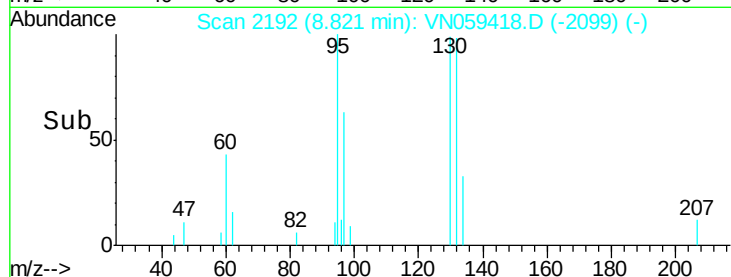
1000

500

0

8.75 8.80 8.85

Time-->



#45

1,2-Dichloropropane

Concen: 1.578 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059418.D

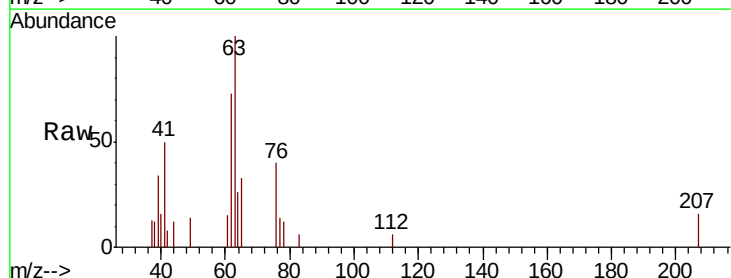
Acq: 27 Nov 2019 12:39

Tgt Ion: 63 Resp: 5416

Ion Ratio Lower Upper

63 100

65 32.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN059418.D (-2187) (-)

Ion 64.90 (64.60 to 65.60): VN059418.D (-2187) (-)

9.10

3000

2500

2000

1500

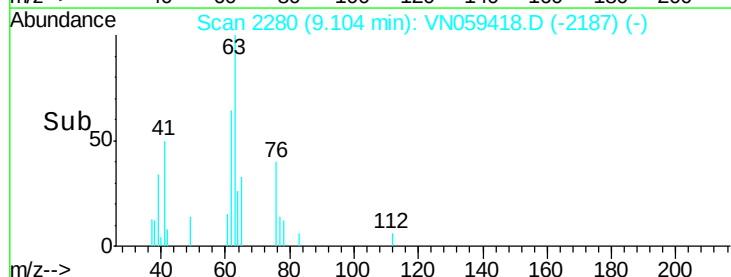
1000

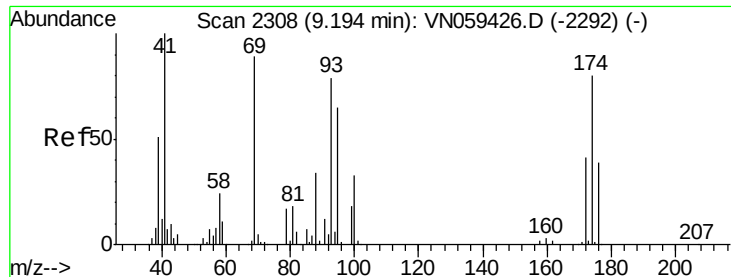
500

0

9.05 9.10 9.15

Time-->





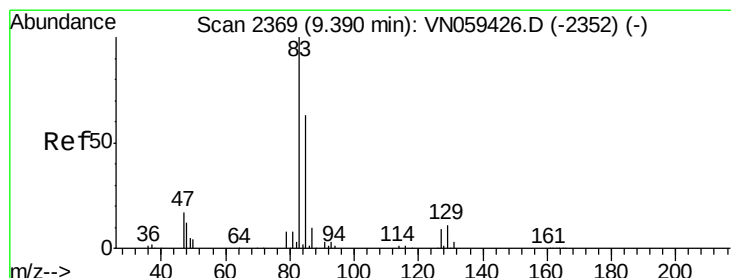
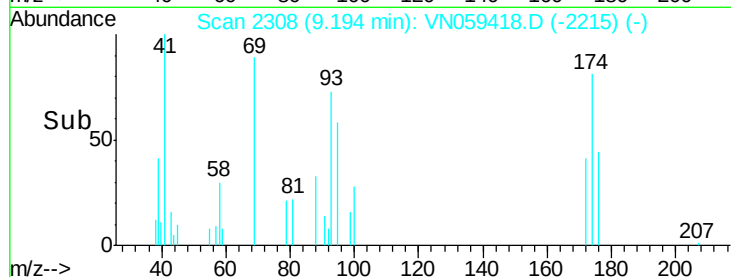
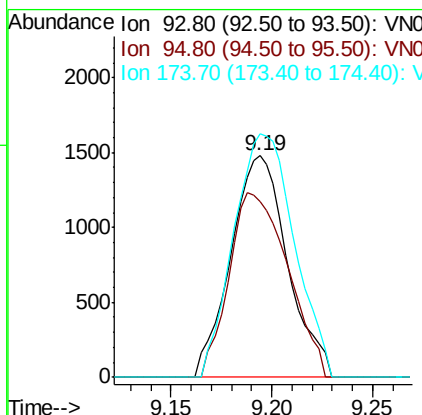
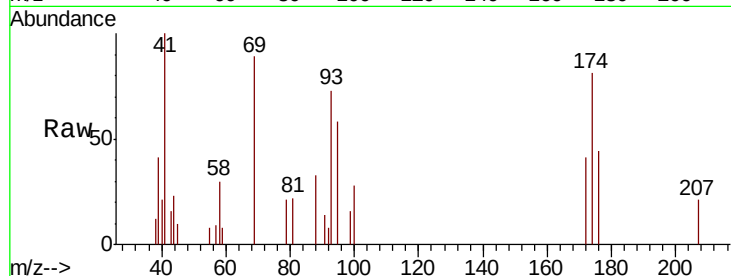
#46
Dibromomethane
Concen: 1.371 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	86.1	66.2	99.4
174	117.2	81.8	122.8

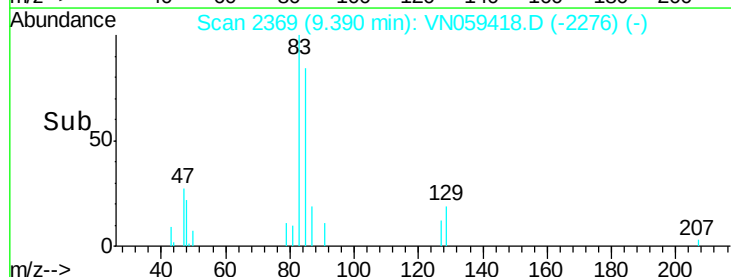
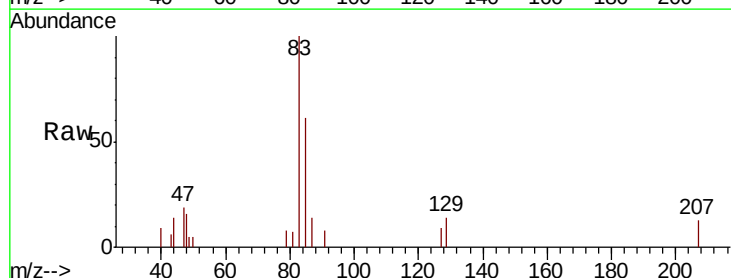
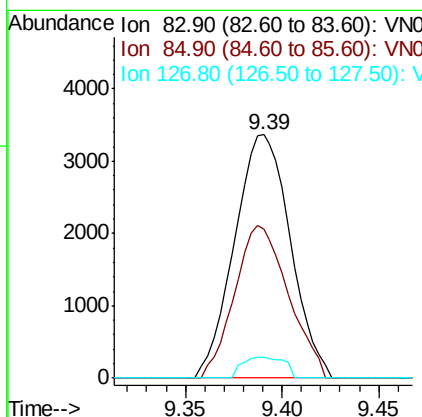
Manual Integrations
APPROVED

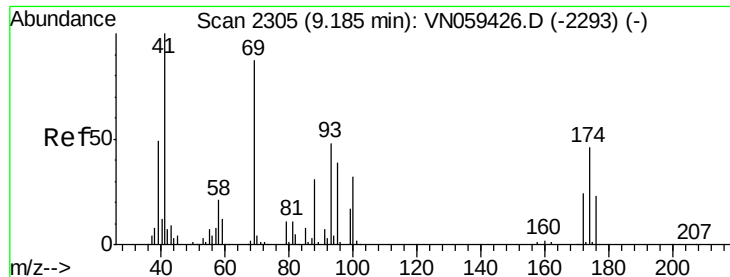
apatel
12/2/2019 10:08:40 AM



#47
Bromodichloromethane
Concen: 1.574 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.6	75.8
127	8.7	6.8	10.2





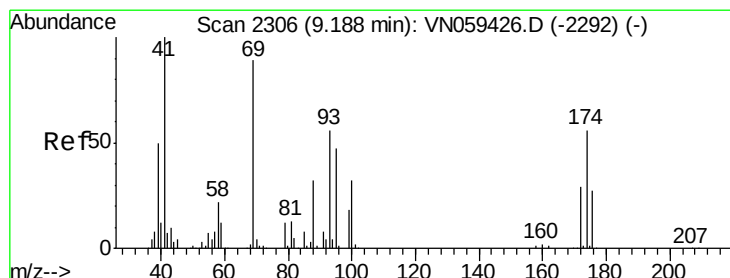
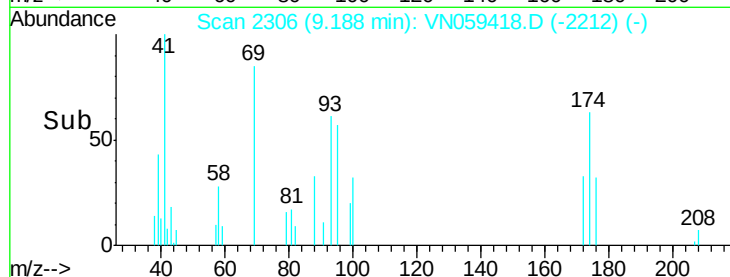
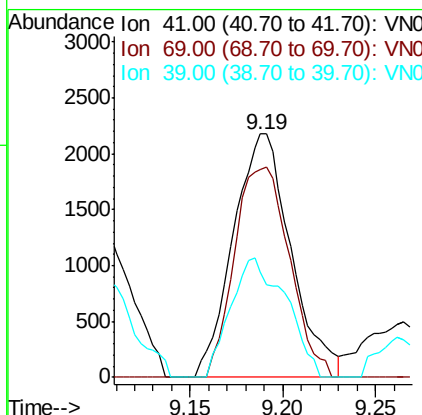
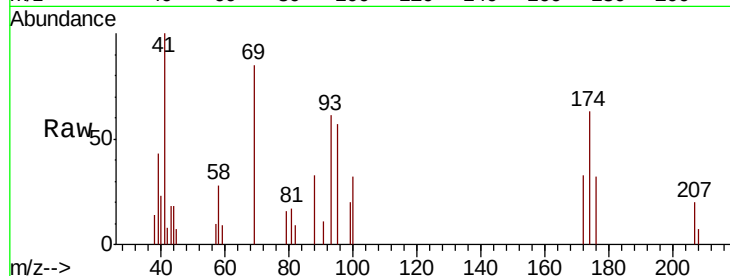
#48
Methvl methacrylate
Concen: 1.494 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	82.2	71.6	107.4
39	47.1	41.3	61.9

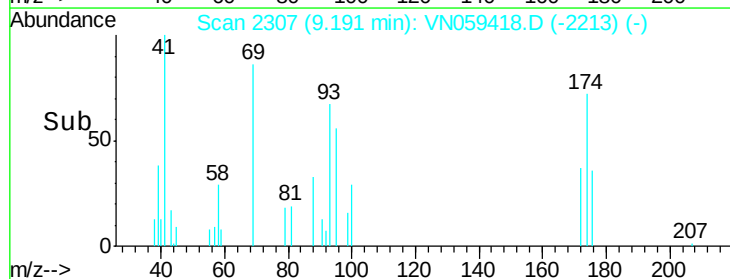
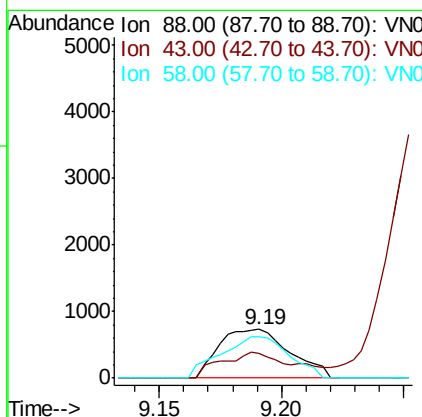
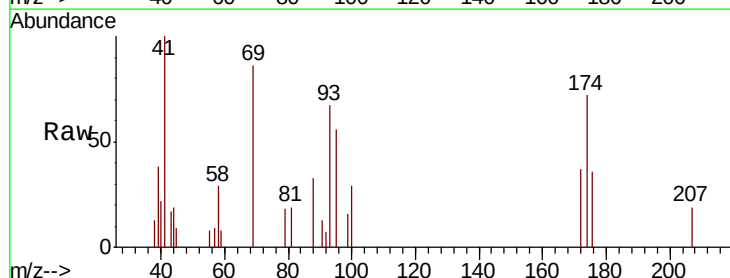
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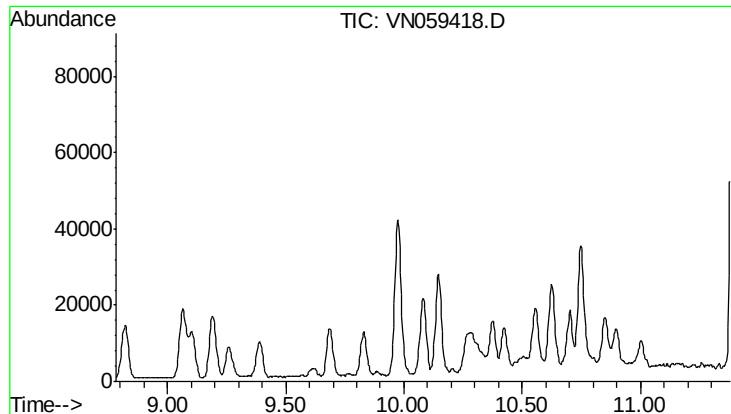
apatel
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#49
1,4-Dioxane
Concen: 32.135 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	53.3	23.7	35.5#
58	81.8	56.3	84.5





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min

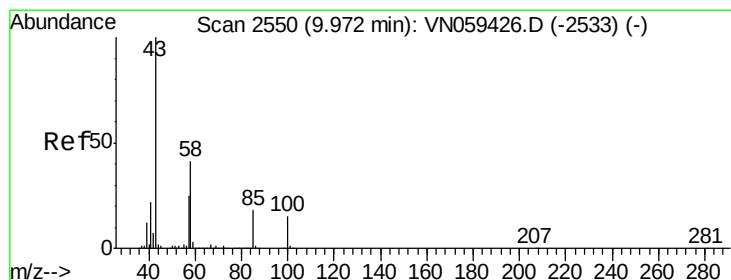
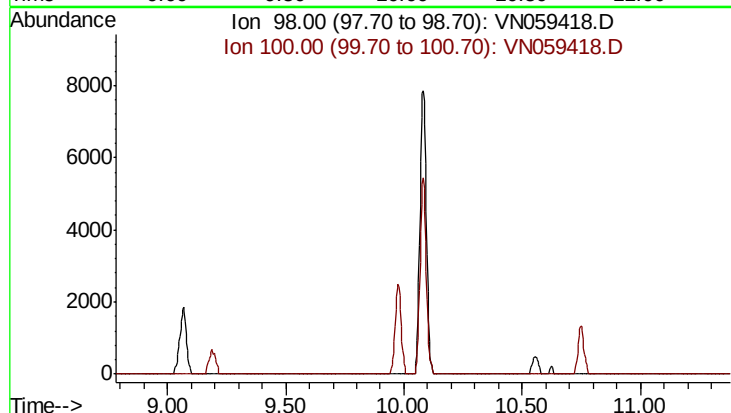
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tot Ion	98
Sig	Exp Ratio
98	100
100	65.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

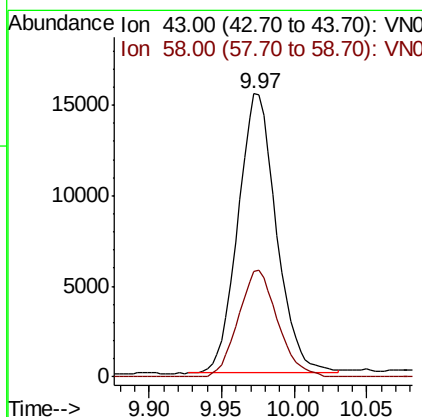
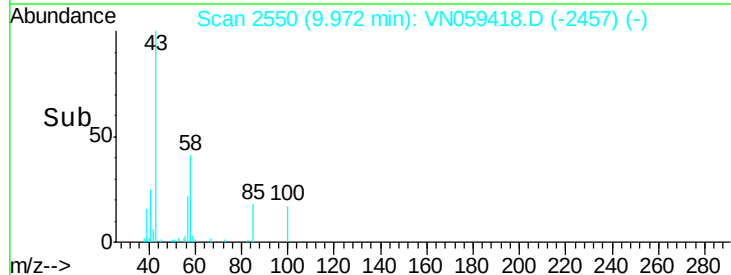
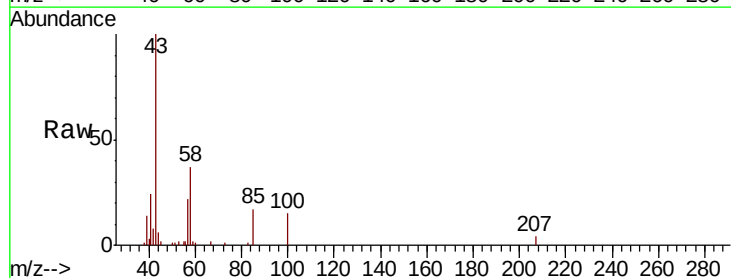
Manual Integrations
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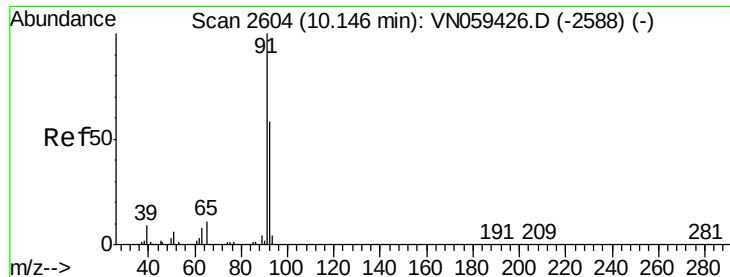
apatel
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#51
4-Methyl-2-Pentanone
Concen: 6.913 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	43	Resp:	28482
Ion Ratio	Lower	Upper	
43	100		
58	39.0	32.5	48.7





#52

Toluene

Concen: 1.506 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 11806

Ion Ratio Lower Upper

92 100

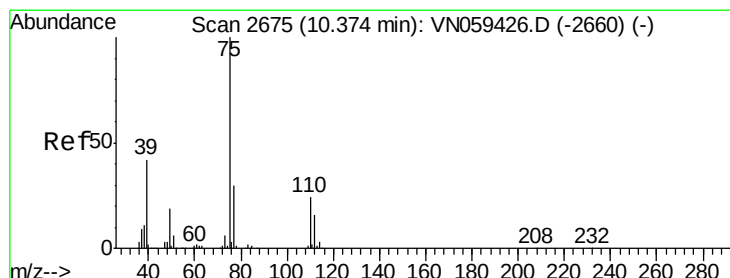
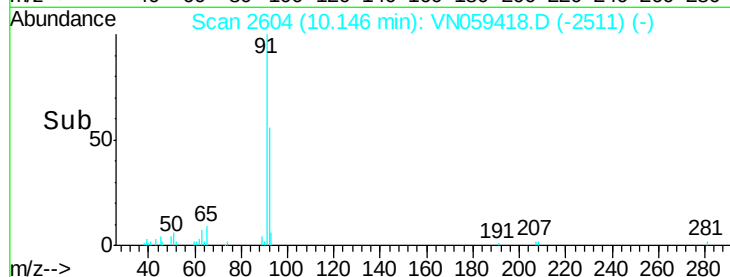
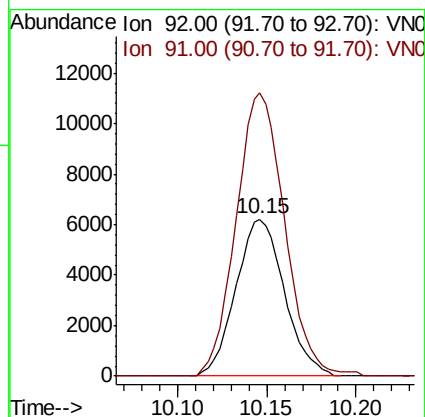
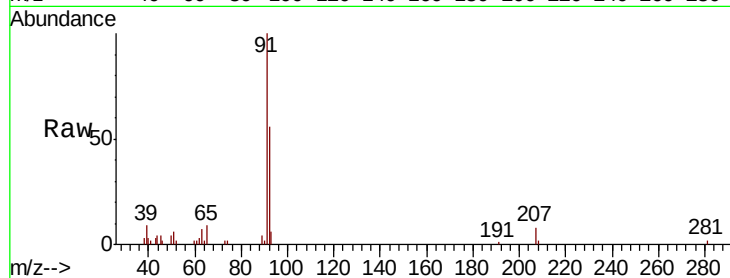
91 180.6 137.1 205.7

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.454 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059418.D

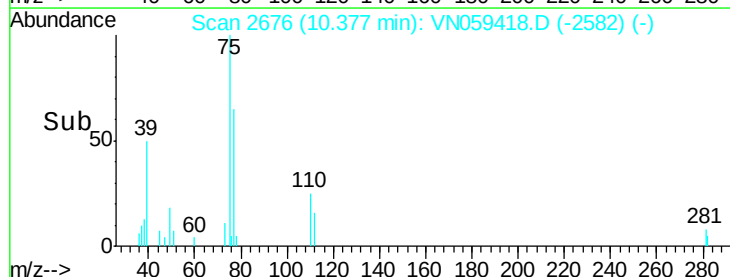
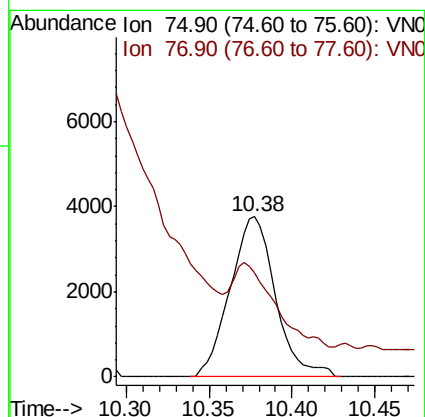
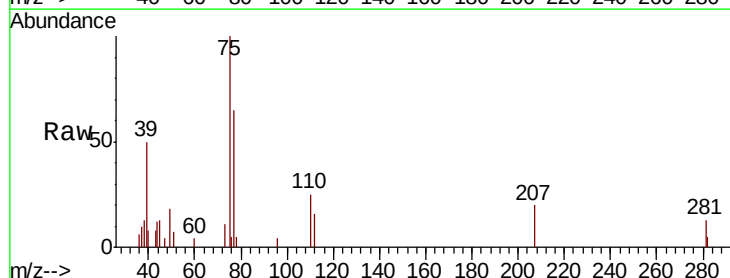
Acq: 27 Nov 2019 12:39

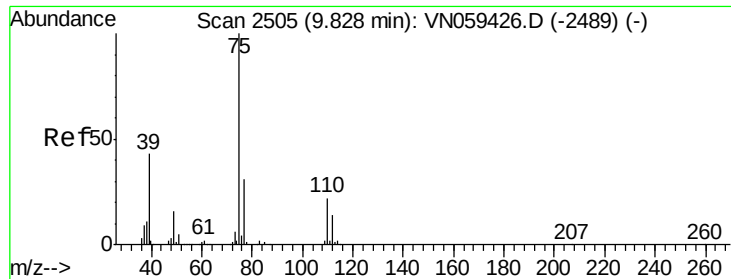
Tgt Ion: 75 Resp: 7156

Ion Ratio Lower Upper

75 100

77 44.4 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 1.440 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

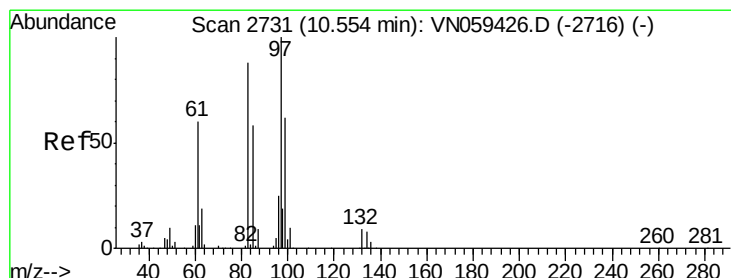
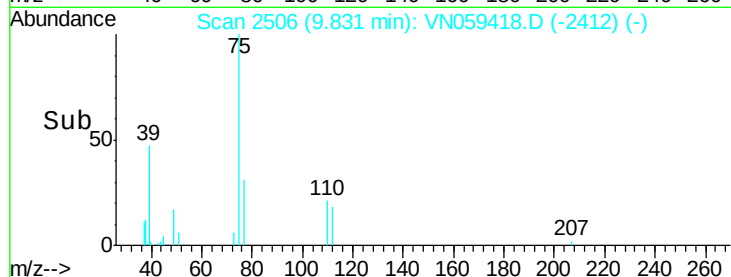
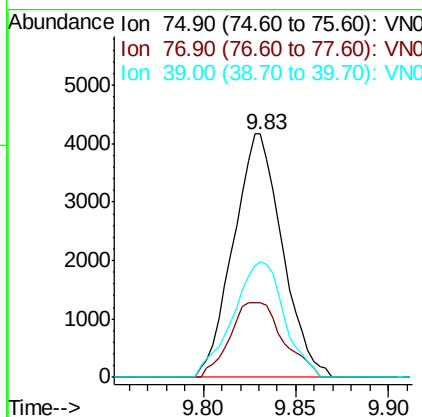
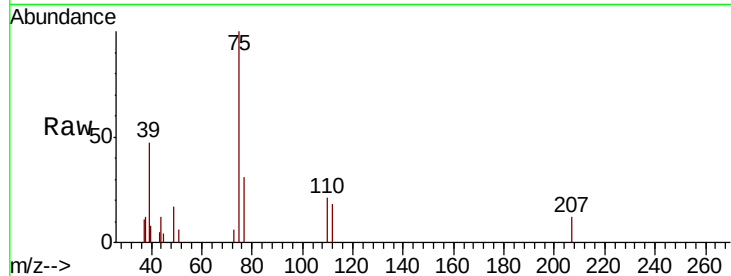
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	7651
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.1	37.7
39	47.4	34.0	51.0

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#55

1,1,2-Trichloroethane

Concen: 1.571 ug/l

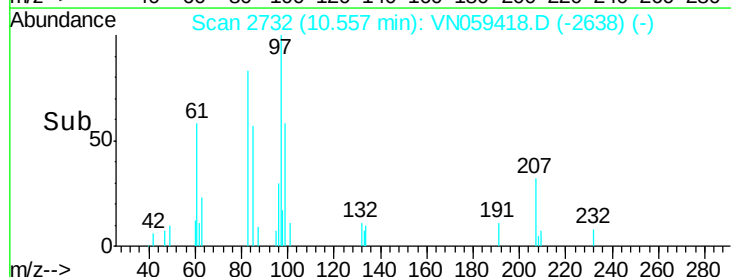
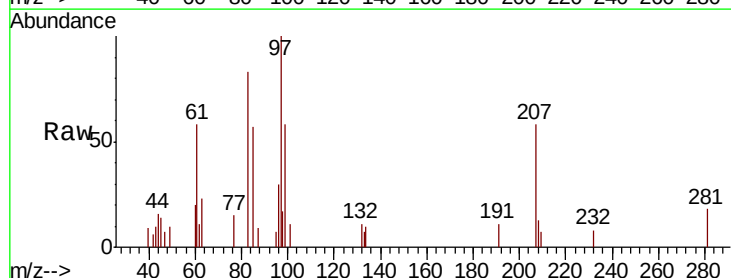
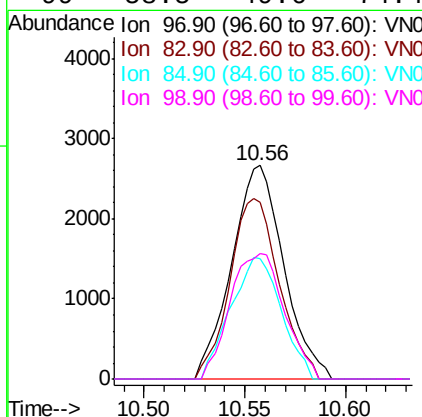
RT: 10.56 min Scan# 2732

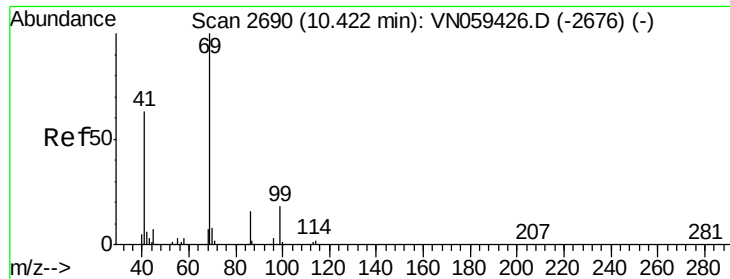
Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	97	Resp:	4819
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.7	106.1
85	56.6	46.4	69.6
99	58.5	49.6	74.4





#56

Ethyl methacrylate

Concen: 1.320 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

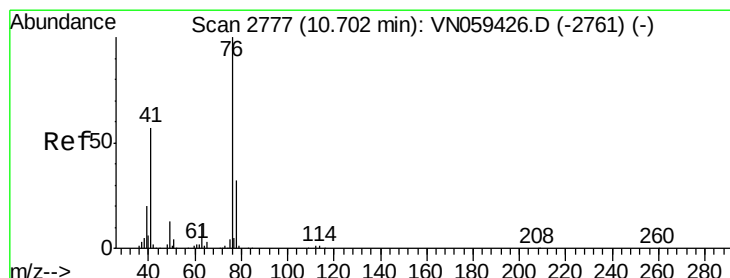
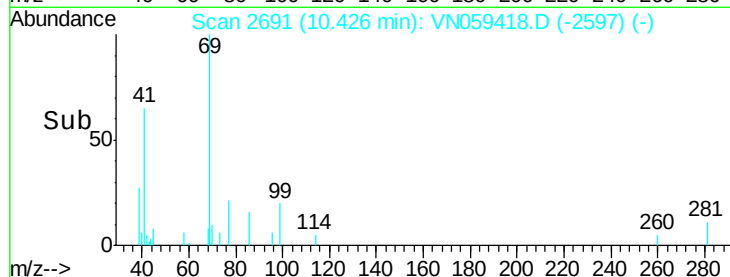
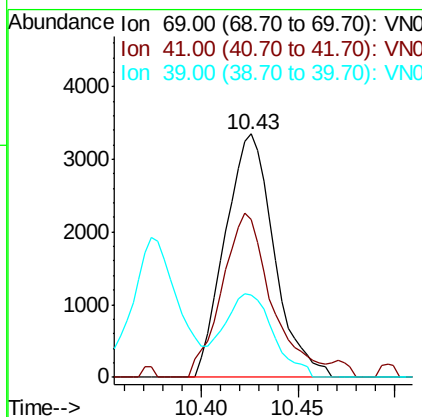
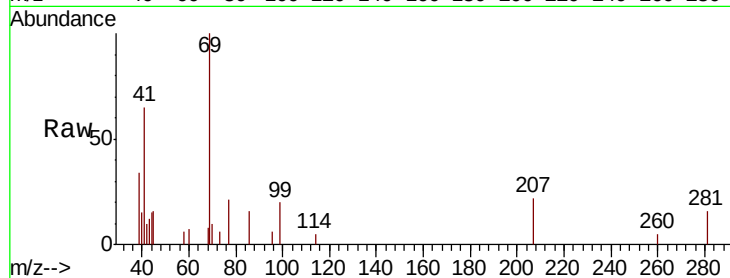
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	5908
Ion	Ratio	Lower	Upper
69	100		
41	68.2	50.1	75.1
39	34.7	23.9	35.9

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#57

1,3-Dichloropropane

Concen: 1.554 ug/l

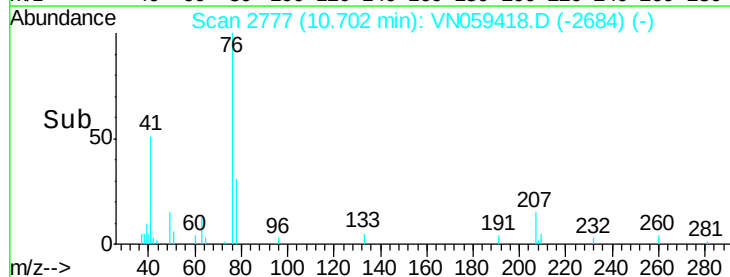
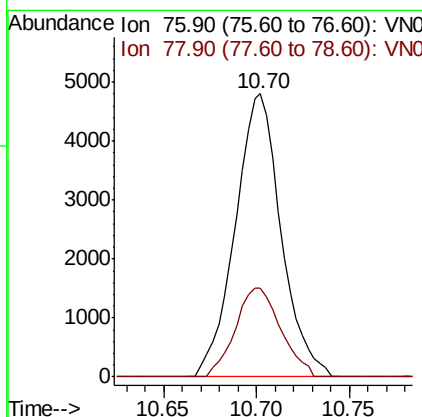
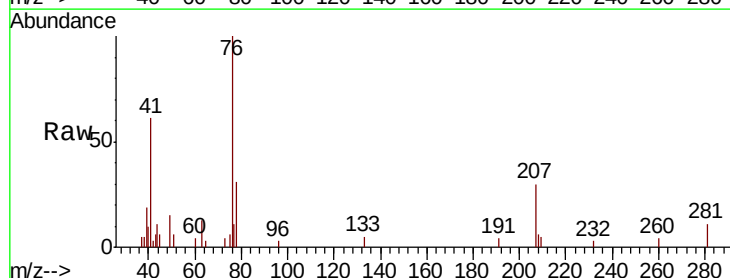
RT: 10.70 min Scan# 2777

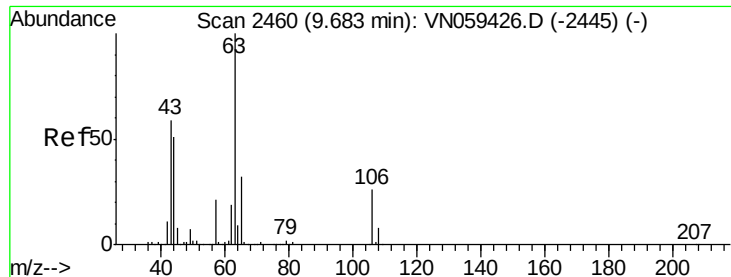
Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	76	Resp:	8242
Ion	Ratio	Lower	Upper
76	100		
78	31.0	25.5	38.3





#58

2-Chloroethyl Vinyl ether

Concen: 4.557 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 5991

Ion Ratio Lower Upper

63 100

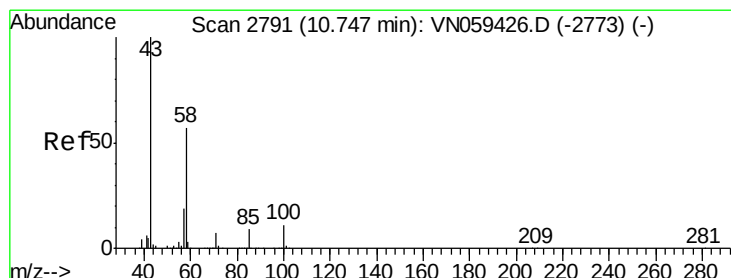
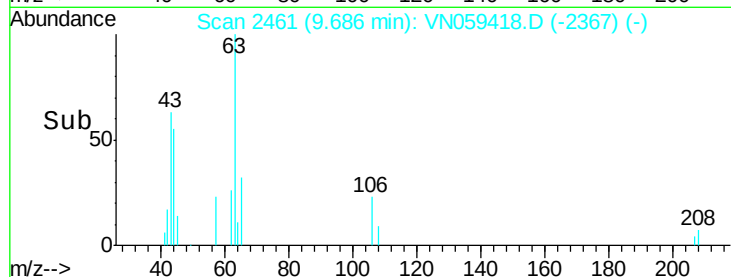
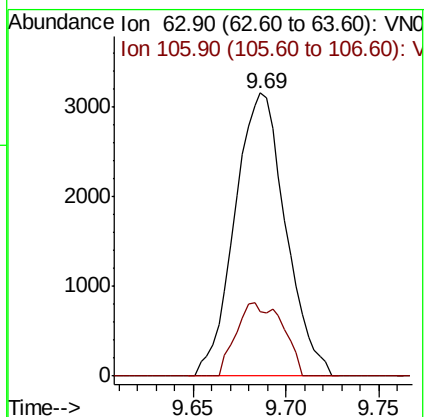
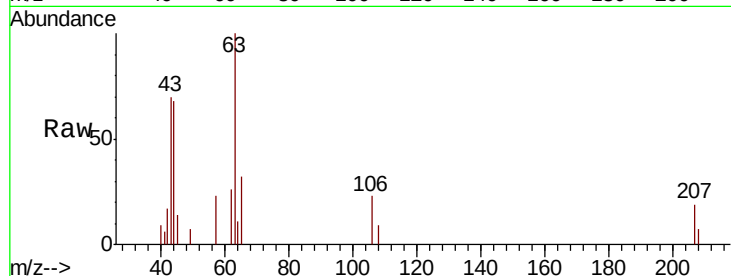
106 23.6 20.9 31.3

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#59

2-Hexanone

Concen: 7.534 ug/l

RT: 10.75 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN059418.D

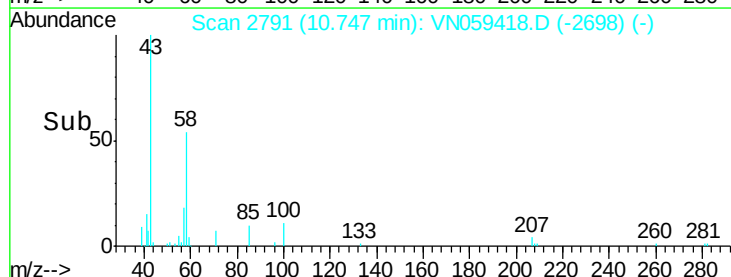
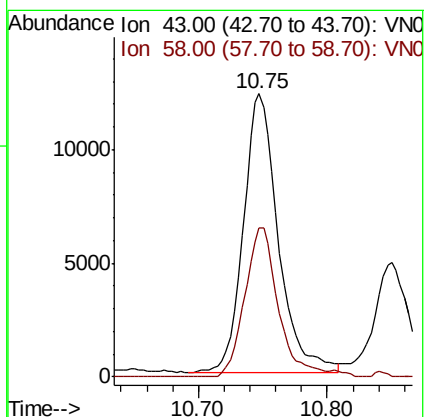
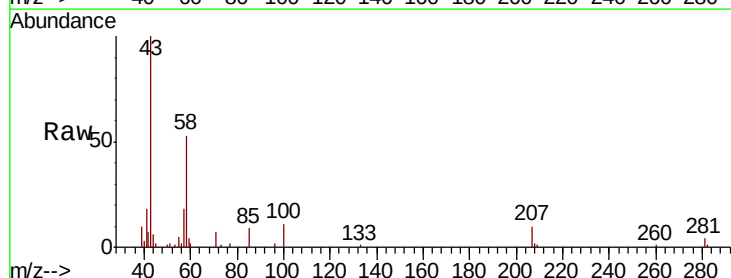
Acq: 27 Nov 2019 12:39

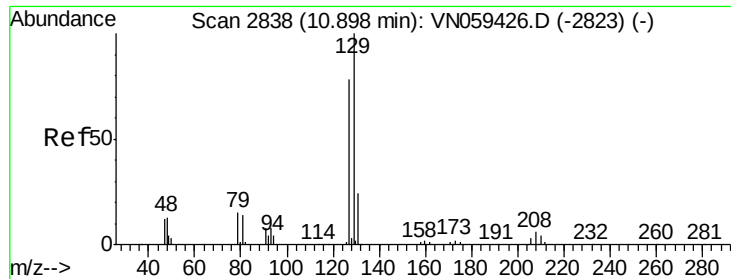
Tgt Ion: 43 Resp: 23016

Ion Ratio Lower Upper

43 100

58 51.3 28.3 85.0





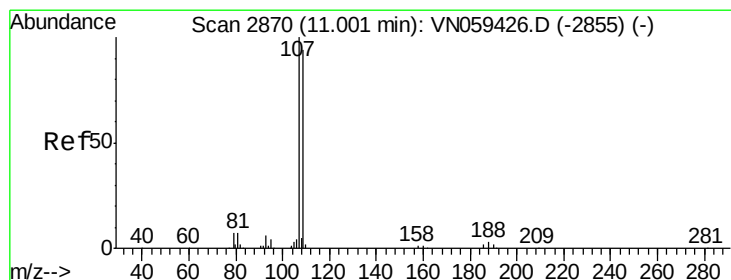
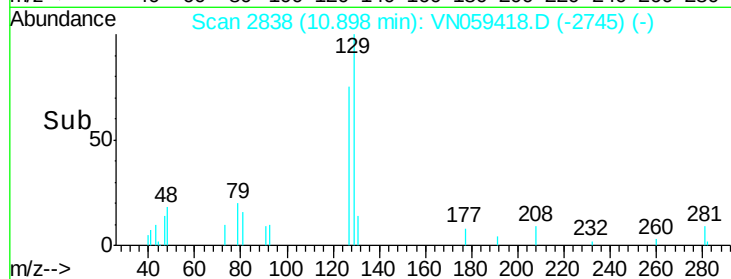
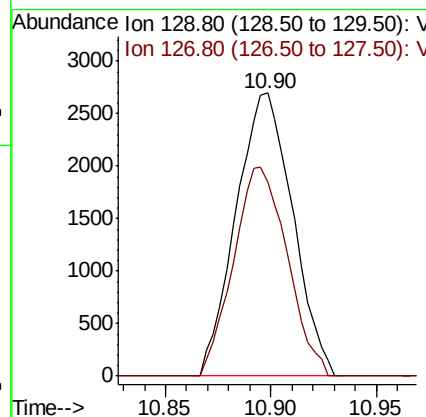
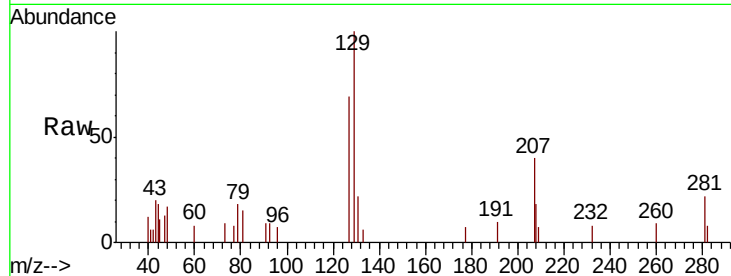
#60
 Dibromochloromethane
 Concen: 1.574 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	69.8	38.6	116.0	

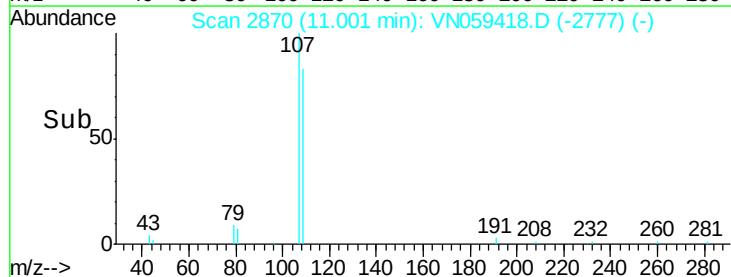
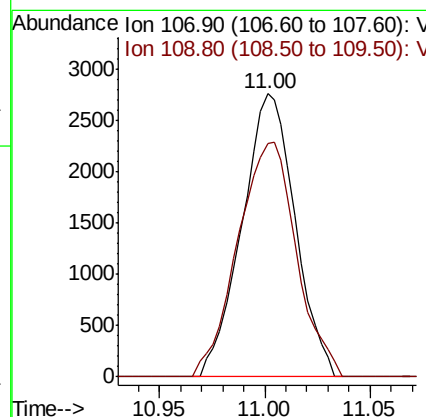
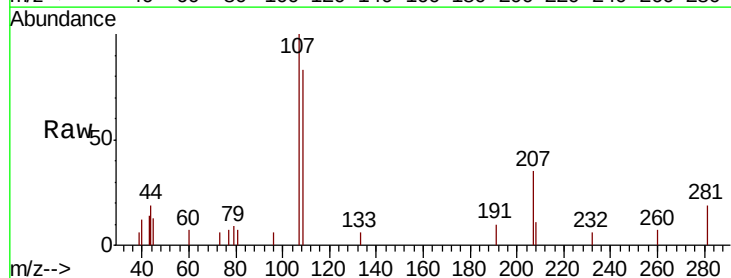
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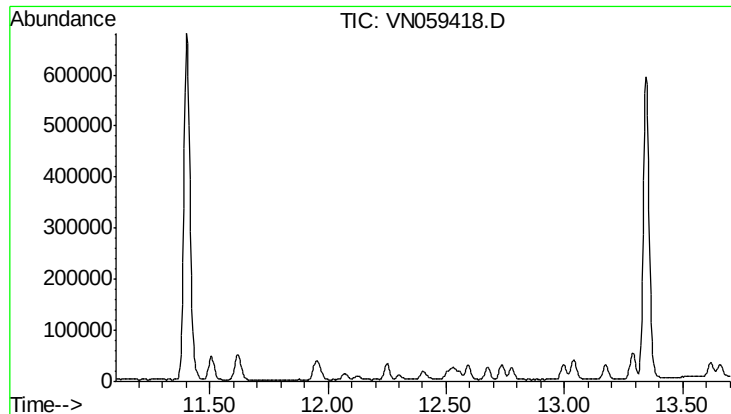
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#61
 1,2-Dibromoethane
 Concen: 1.539 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	91.7	75.8	113.8	





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.40 min

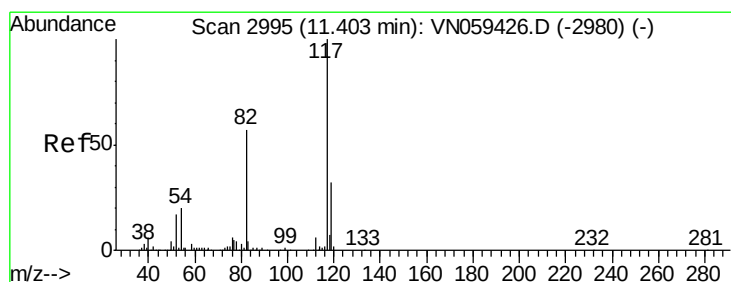
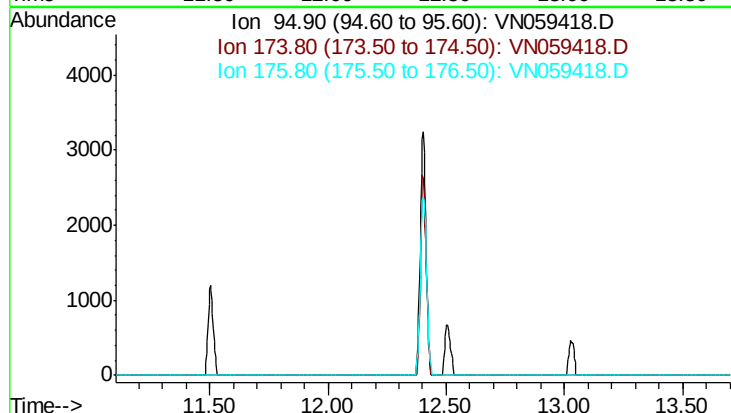
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	79.0
176	76.5

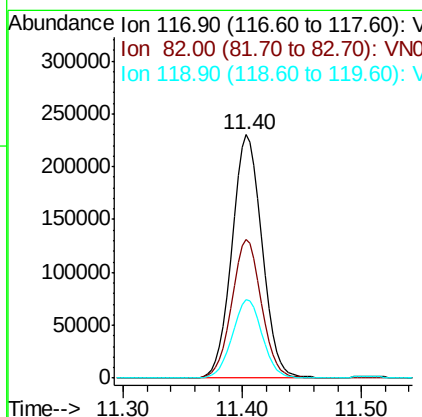
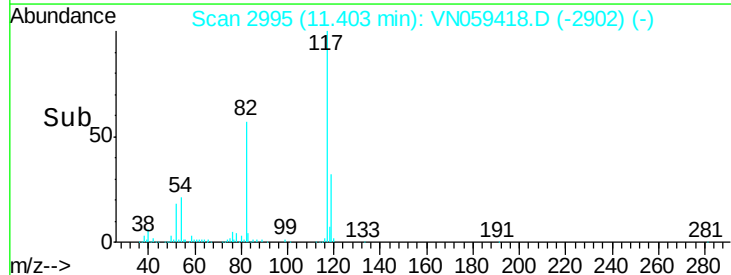
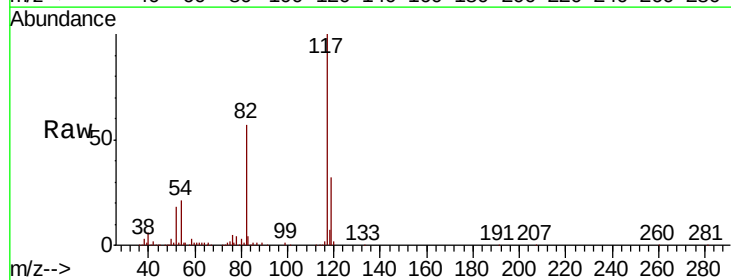
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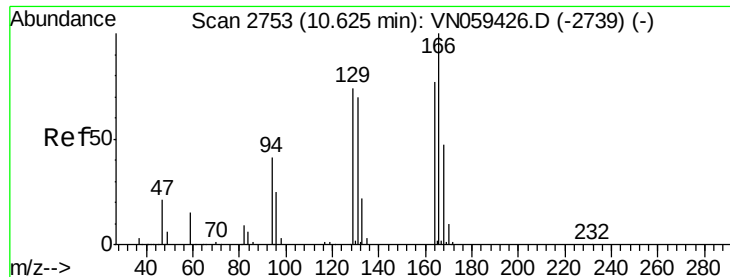
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	117	Resp	403706
Ion Ratio	Lower	Upper	
117	100		
82	57.1	45.4	68.0
119	32.1	25.6	38.4





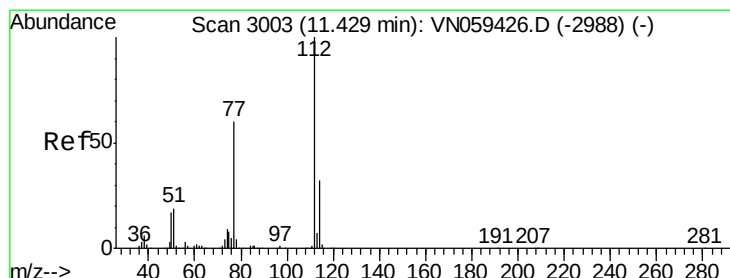
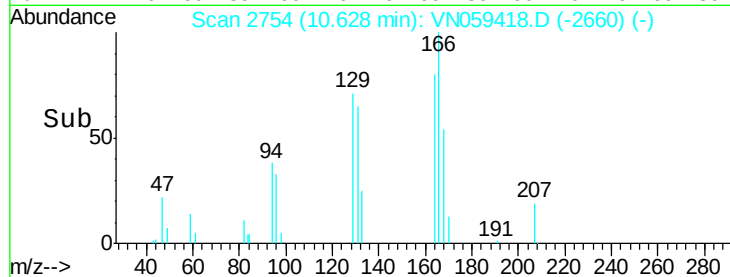
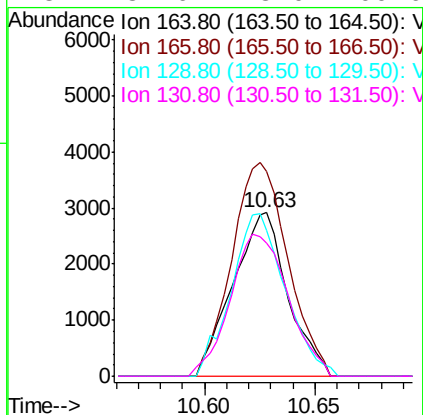
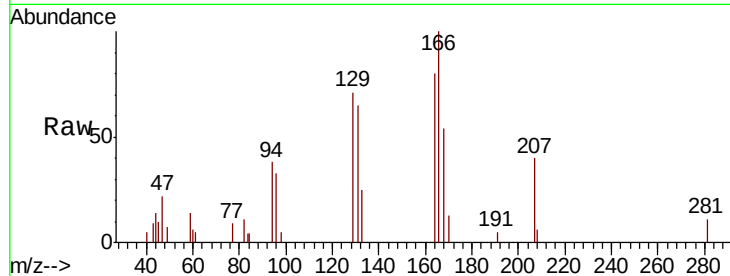
#64
Tetrachloroethene
Concen: 1.680 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.2	156.4
129	89.3	76.8	115.2
131	81.6	73.0	109.6

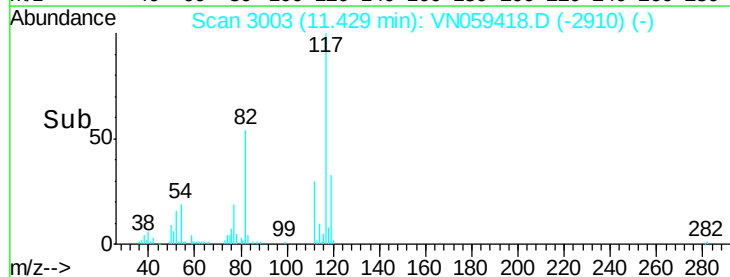
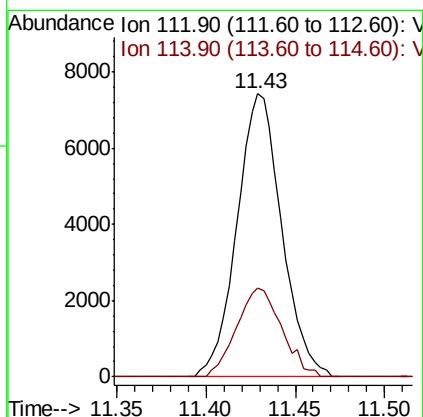
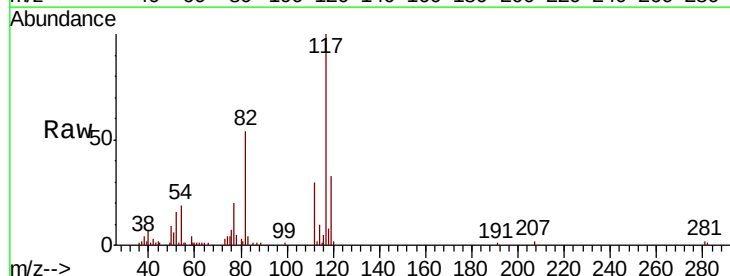
Manual Integrations
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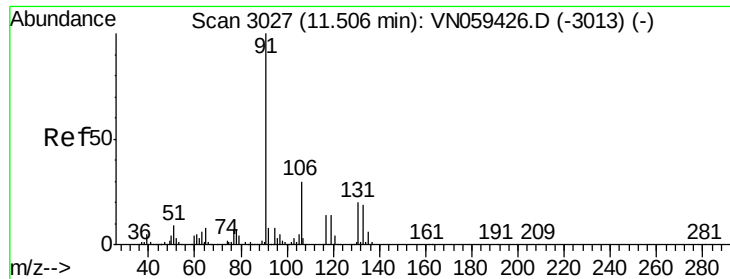
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#65
Chlorobenzene
Concen: 1.591 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.2





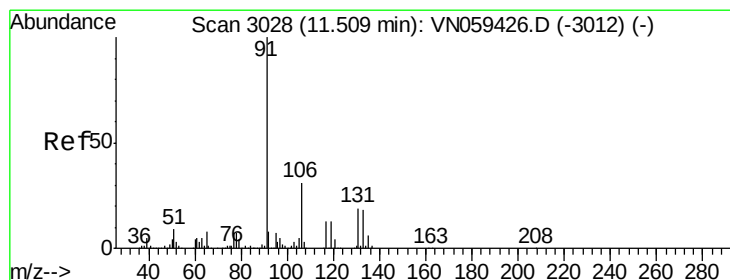
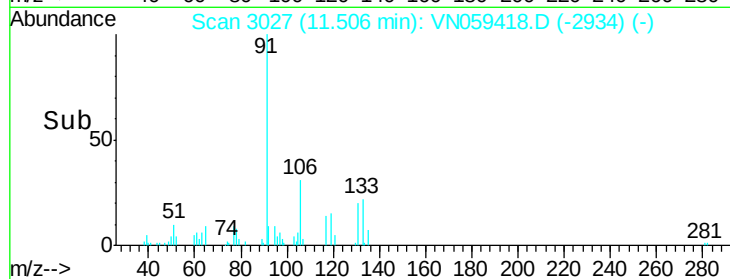
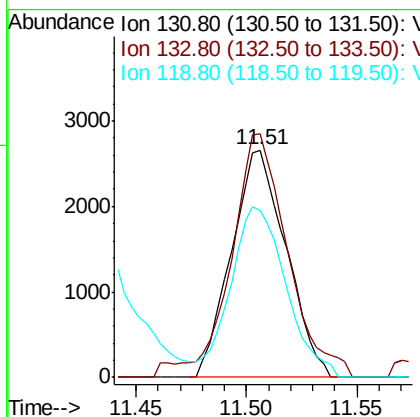
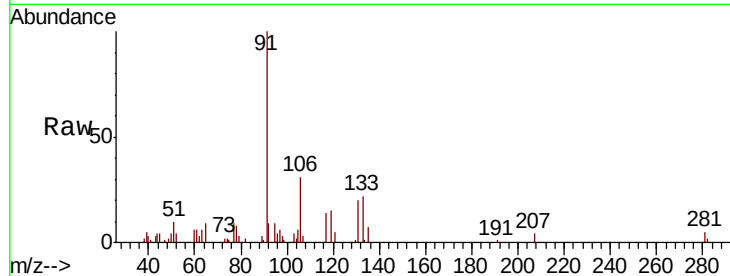
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.536 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	111.9	48.2	144.6
119	0.0	33.8	101.3

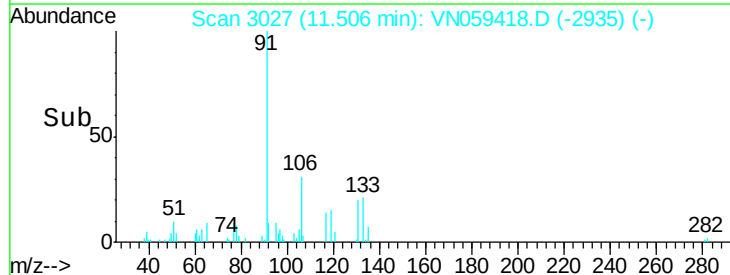
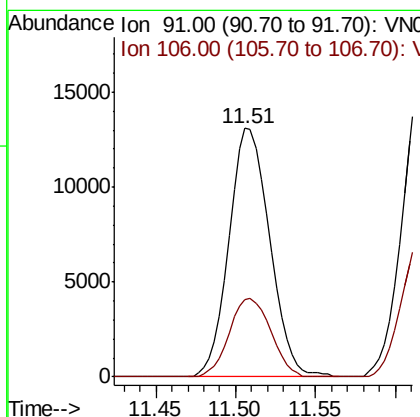
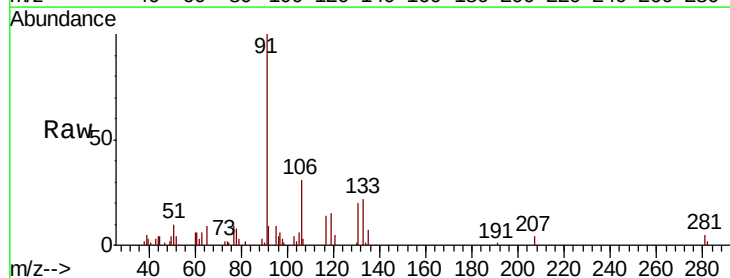
Manual Integrations
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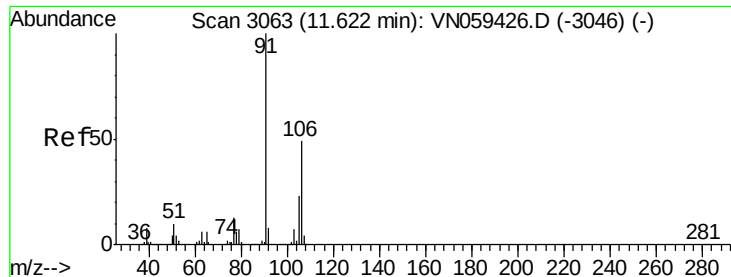
apatel
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#67
 Ethyl Benzene
 Concen: 1.583 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.7	37.1





#68

m/p-Xylenes

Concen: 3.101 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 16623

Ion Ratio Lower Upper

106 100

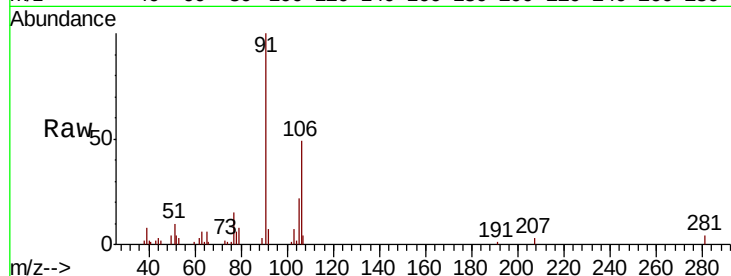
91 205.2 163.7 245.5

Manual Integrations

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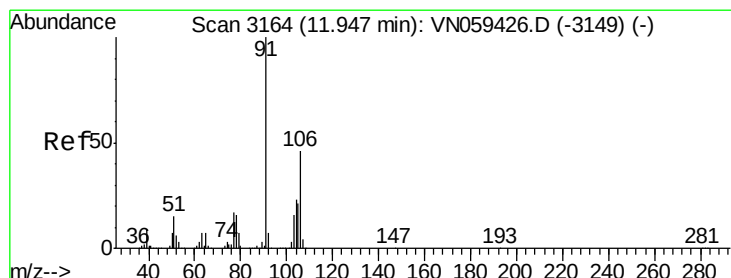
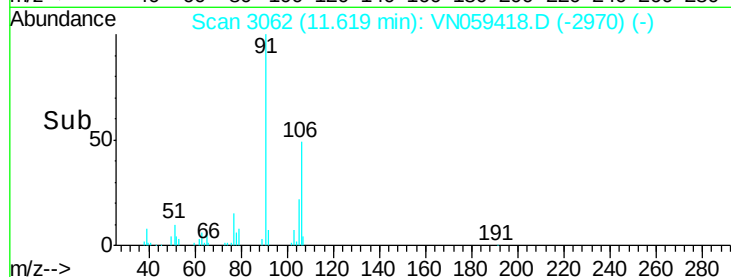
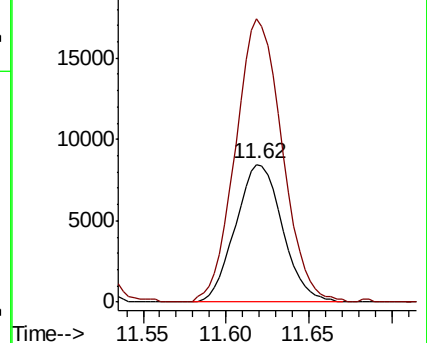
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 1.513 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN059418.D

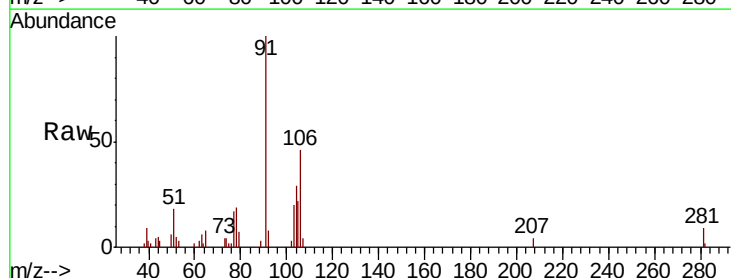
Acq: 27 Nov 2019 12:39

Tgt Ion:106 Resp: 7776

Ion Ratio Lower Upper

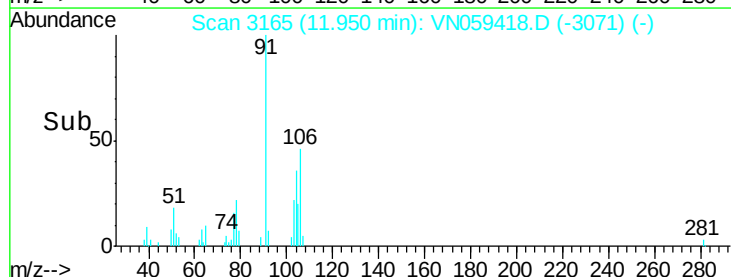
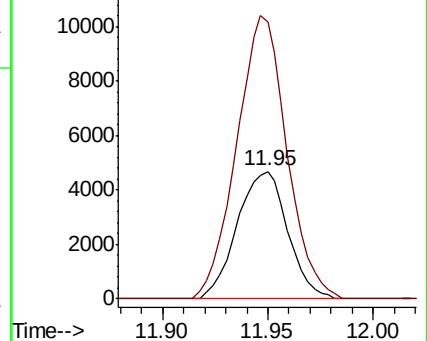
106 100

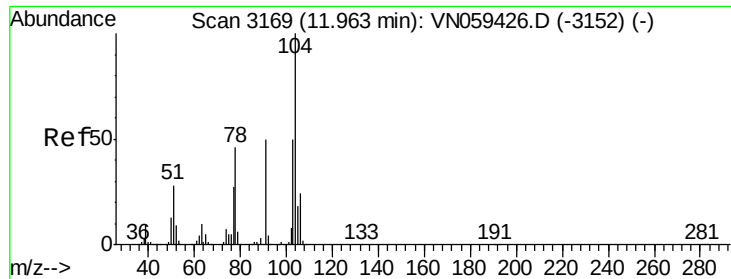
91 221.1 107.5 322.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





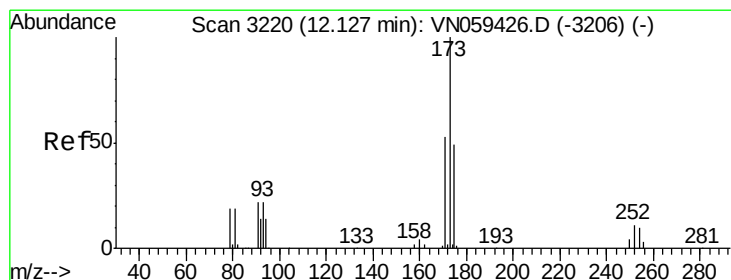
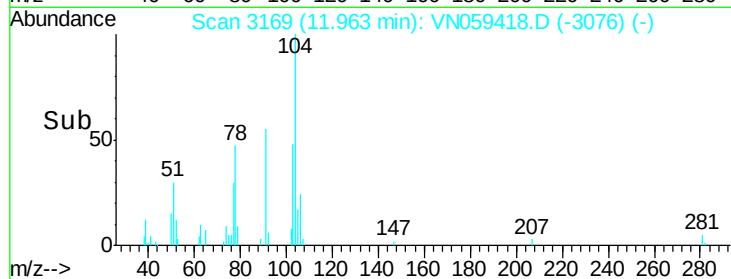
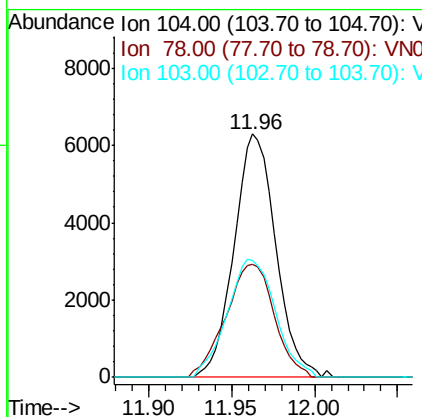
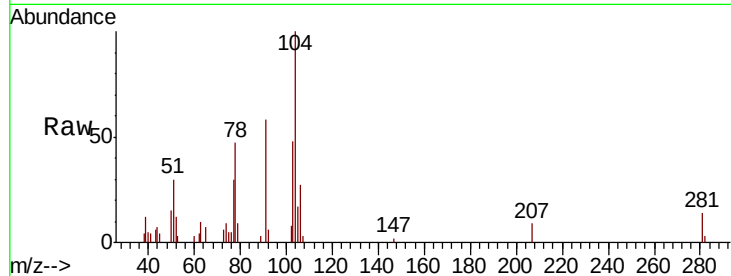
#70
Stvrene
Concen: 1.371 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.9	40.4	60.6
103	55.8	43.8	65.6

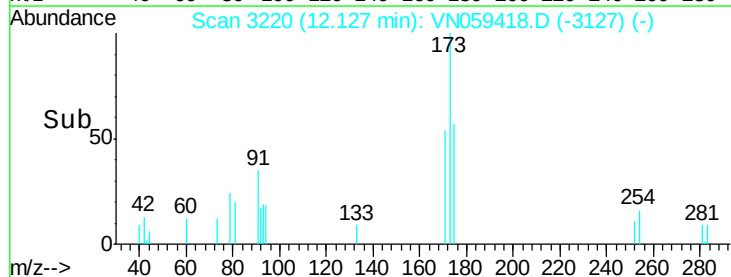
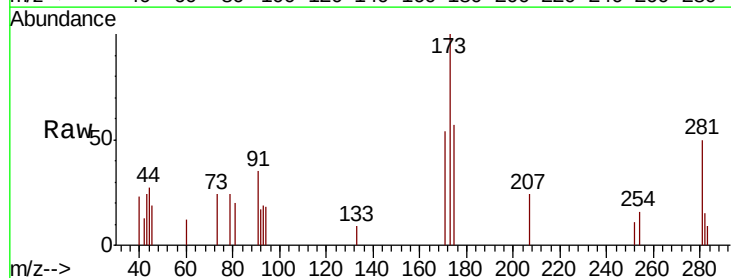
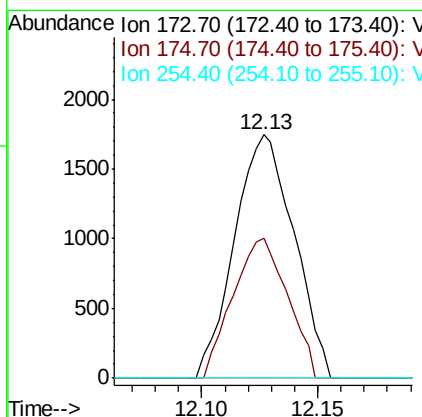
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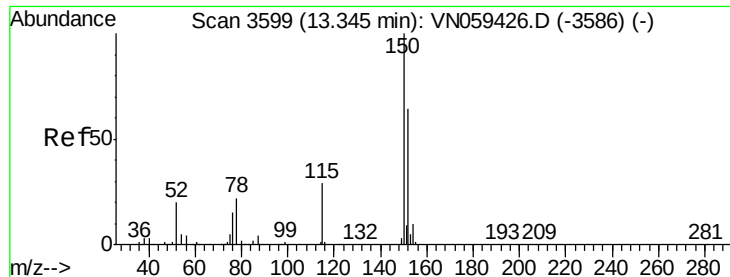
apatel
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#71
Bromoform
Concen: 1.374 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.9	24.1	72.3
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

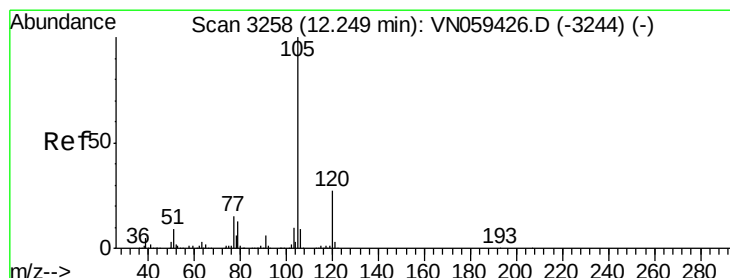
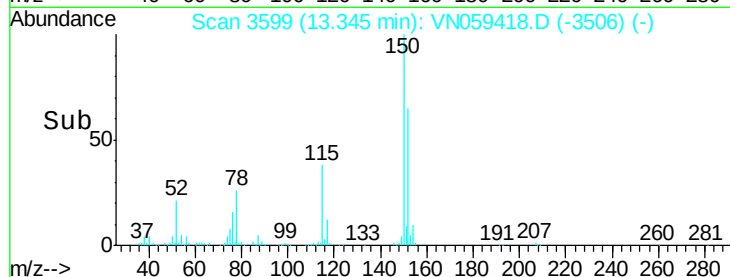
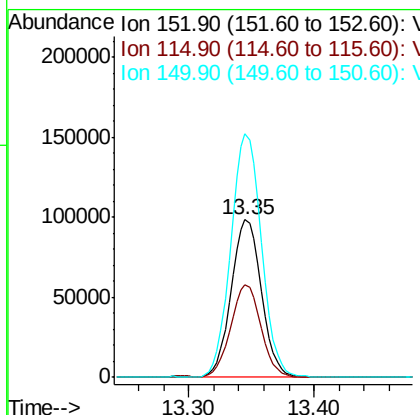
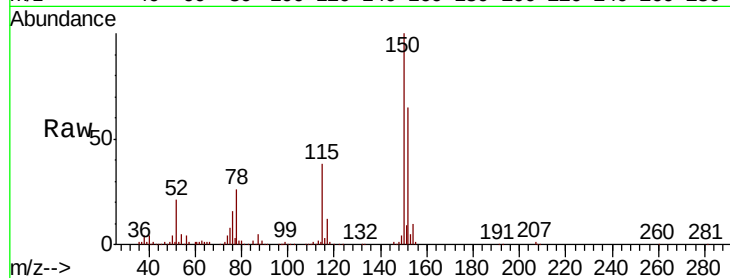
ClientSampled :

VSTDIC001

Tot Ion:	152	Resp:	165106
Ion Ratio	Lower	Upper	
152	100		
115	58.0	29.5	88.6
150	155.7	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.656 ug/l

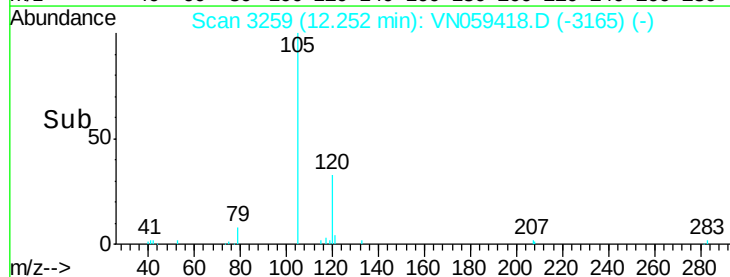
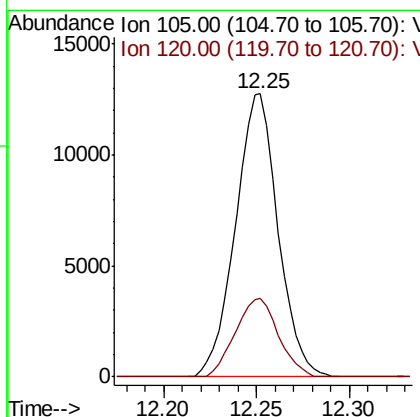
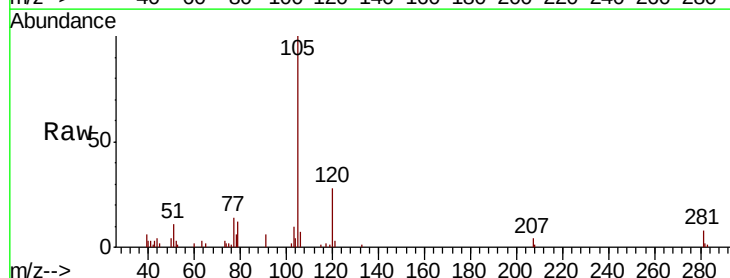
RT: 12.25 min Scan# 3259

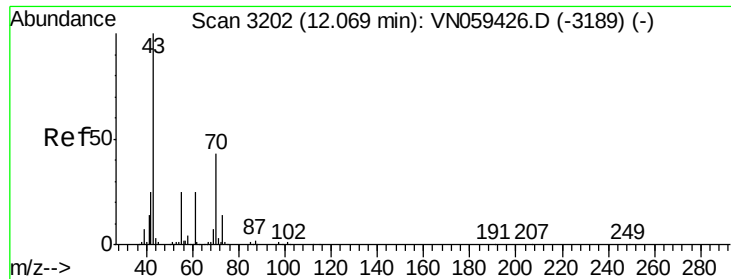
Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	105	Resp:	20256
Ion Ratio	Lower	Upper	
105	100		
120	28.0	13.2	39.6





#74

N-amvl acetate

Concen: 1.630 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

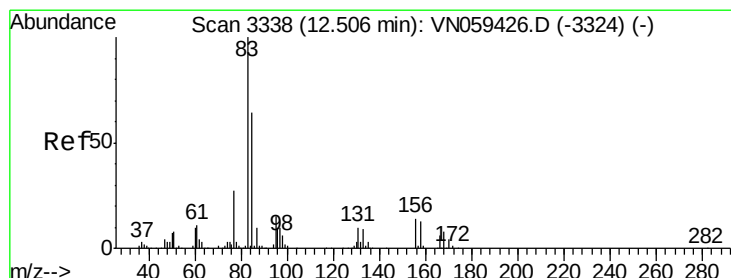
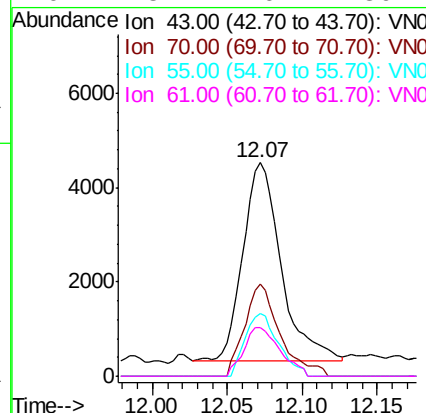
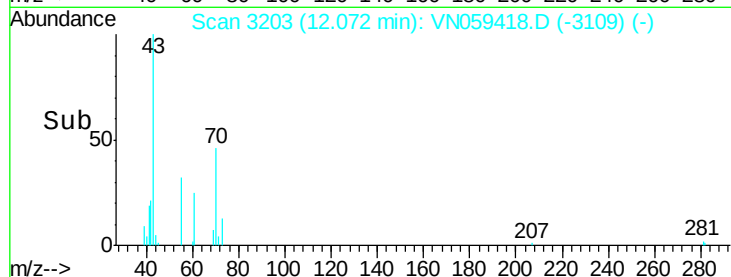
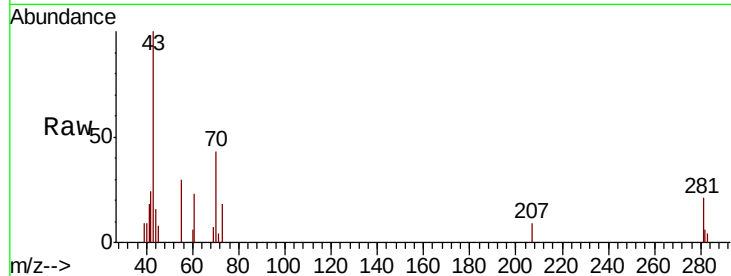
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	7497
Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.6	52.0
55	27.5	20.5	30.7
61	23.2	20.2	30.4

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.765 ug/l

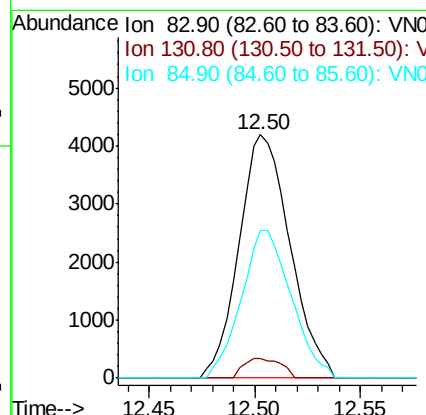
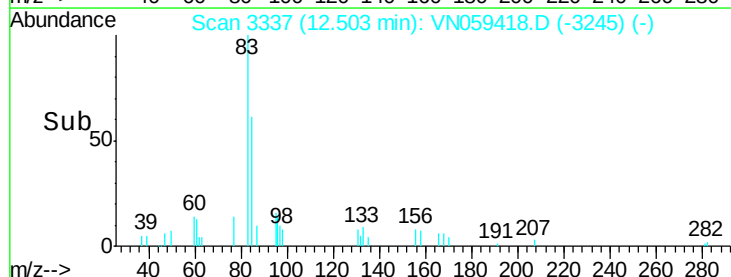
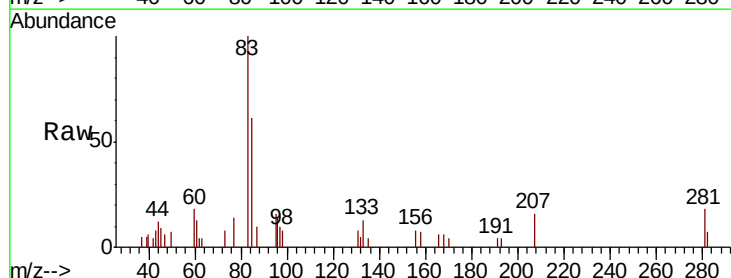
RT: 12.50 min Scan# 3337

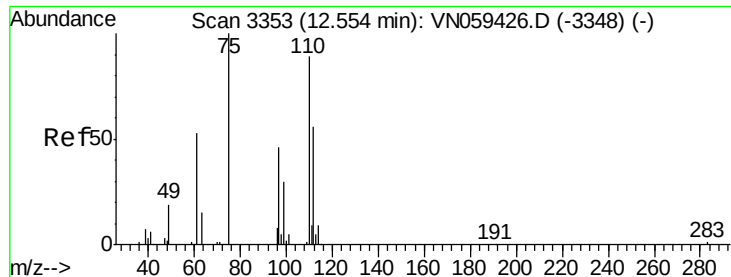
Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	83	Resp:	7042
Ion	Ratio	Lower	Upper
83	100		
131	5.8	5.0	15.0
85	59.5	32.3	96.9





#76

1,2,3-Trichloropropane

Concen: 1.775 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 6768

Ion Ratio Lower Upper

75 100

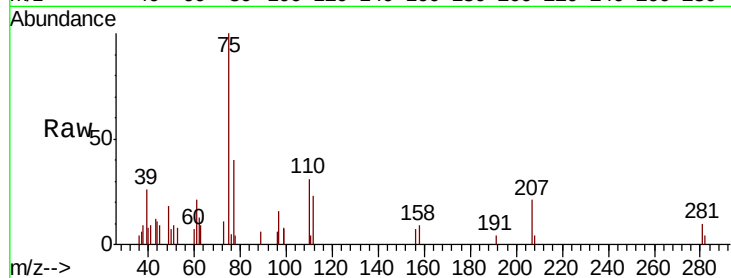
77 0.0 0.0 0.0

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Abundance Ion 74.90 (74.60 to 75.60): VN059418.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059418.D (-3260) (-)

6000

5000

4000

3000

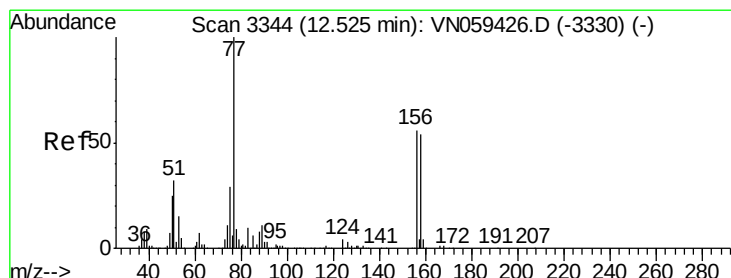
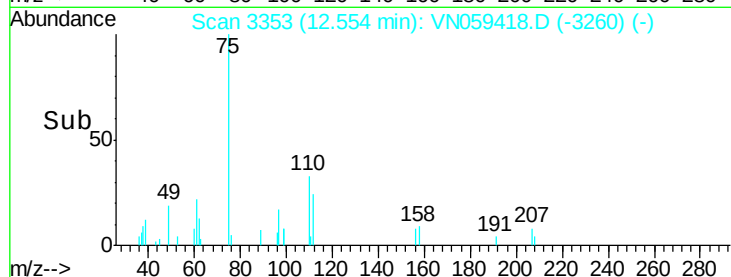
2000

1000

0

12.55

Time-->



#77

Bromobenzene

Concen: 1.768 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

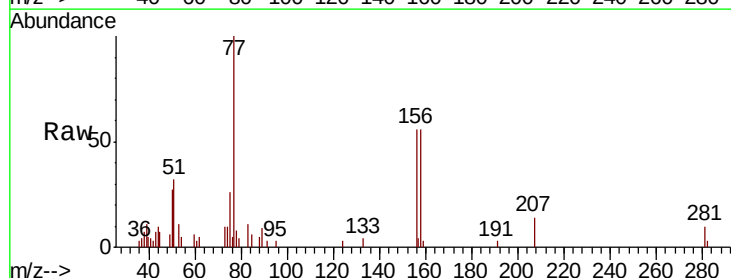
Tgt Ion: 156 Resp: 5294

Ion Ratio Lower Upper

156 100

77 228.7 108.7 326.3

158 101.1 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): VN059418.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN059418.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN059418.D (-3251) (-)

6000

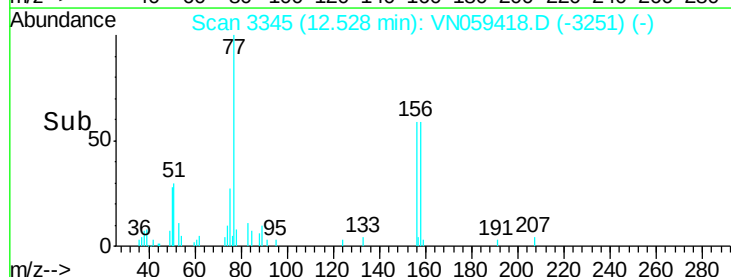
4000

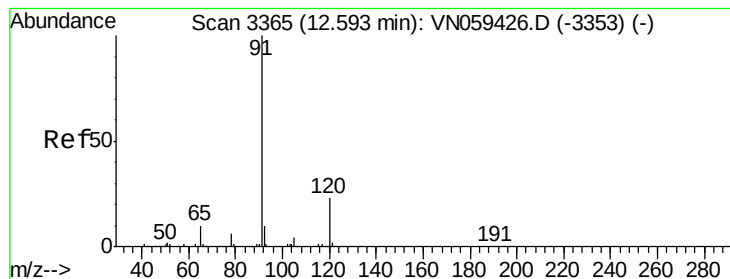
2000

0

12.53

Time-->





#78

n-propylbenzene

Concen: 1.690 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 23820

Ion Ratio Lower Upper

91 100

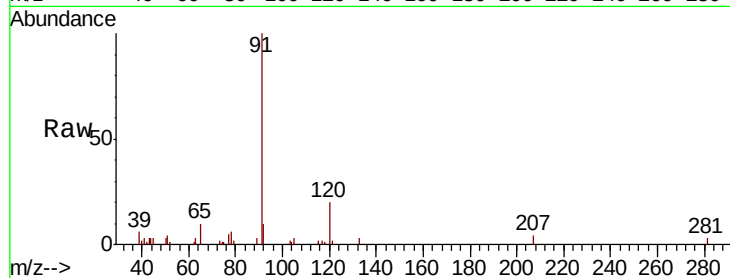
120 21.5 11.5 34.4

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Abundance Ion 91.00 (90.70 to 91.70): VN059418.D (-3272) (-)

Ion 120.00 (119.70 to 120.70): VN059418.D (-3272) (-)

12.59

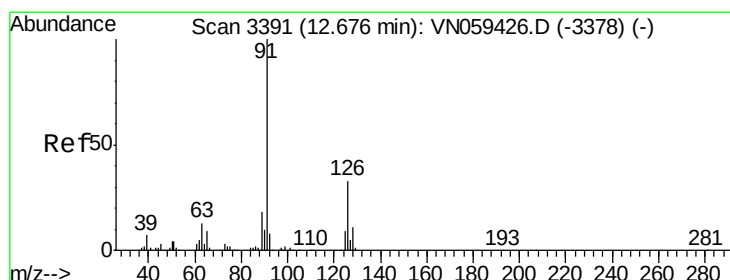
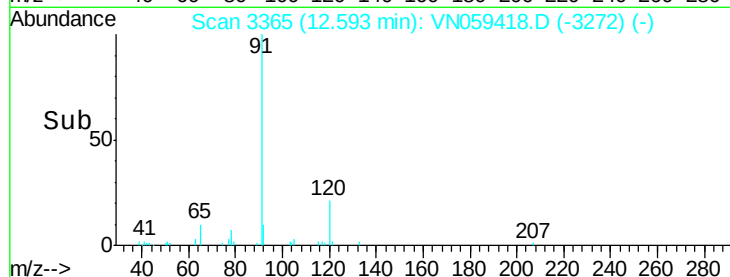
15000

10000

5000

0

Time-->



#79

2-Chlorotoluene

Concen: 1.730 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059418.D

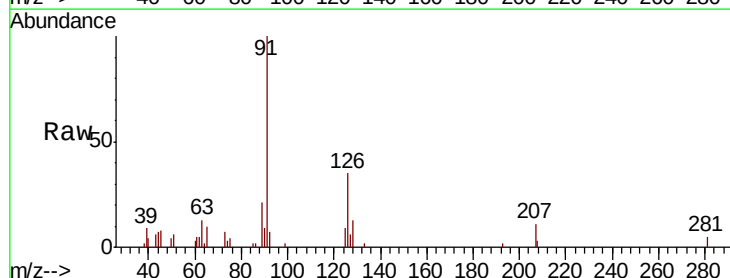
Acq: 27 Nov 2019 12:39

Tgt Ion: 91 Resp: 14581

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059418.D (-3298) (-)

Ion 125.90 (125.60 to 126.60): VN059418.D (-3298) (-)

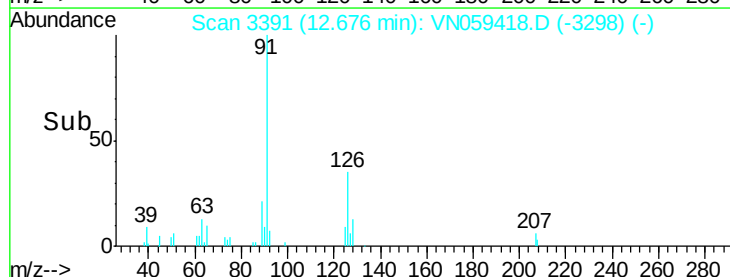
12.68

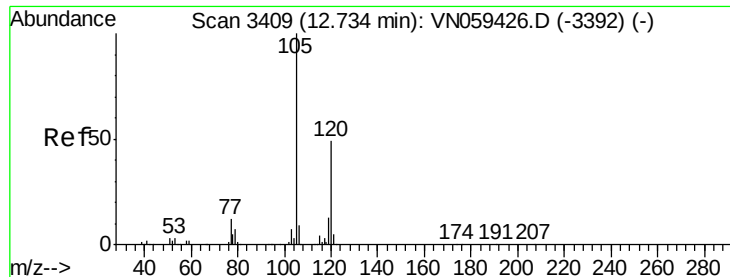
10000

5000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 1.588 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 16330

Ion Ratio Lower Upper

105 100

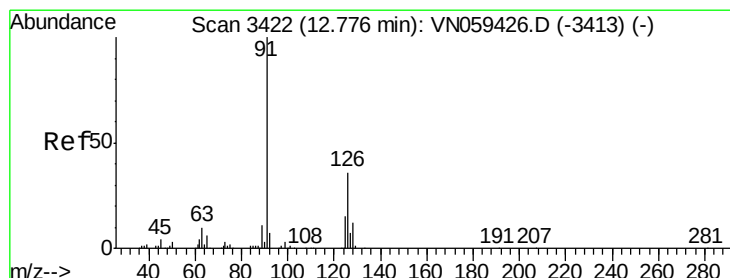
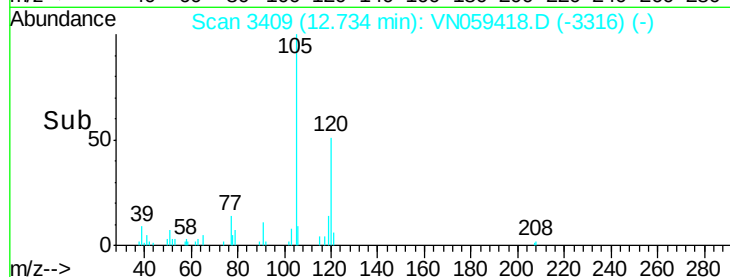
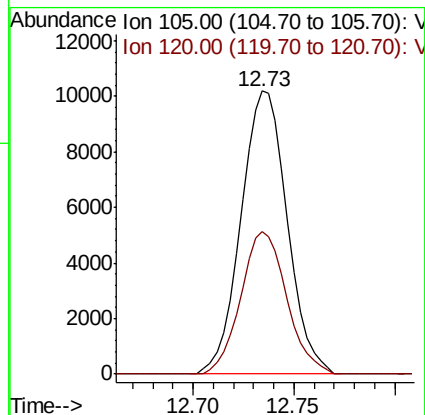
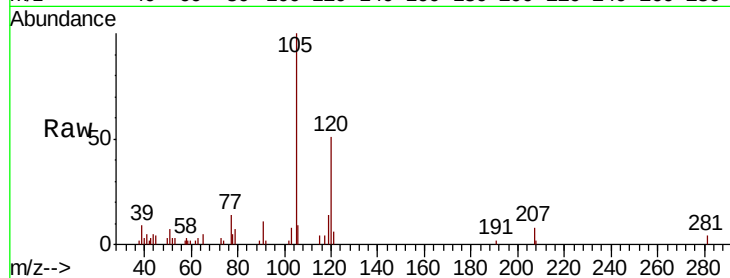
120 50.2 24.6 73.8

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#82

4-Chlorotoluene

Concen: 1.758 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN059418.D

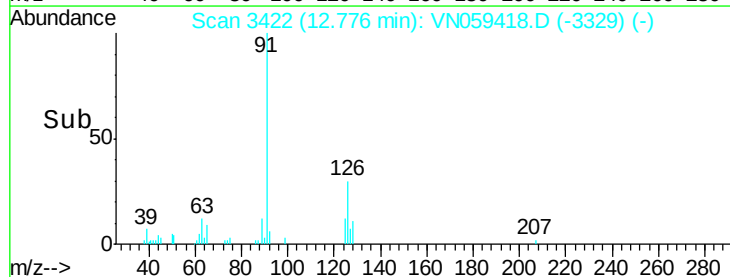
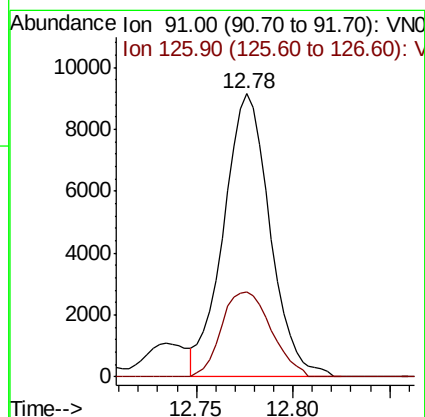
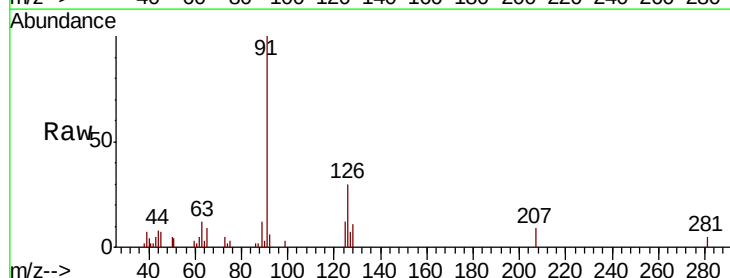
Acq: 27 Nov 2019 12:39

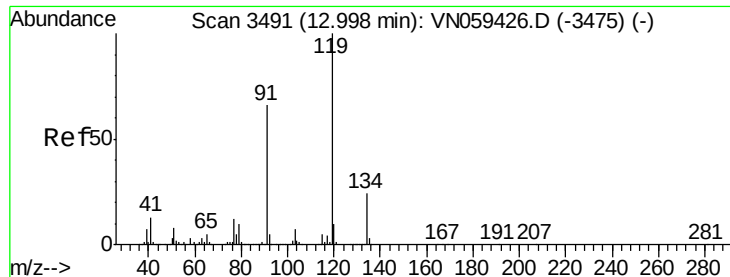
Tgt Ion: 91 Resp: 15254

Ion Ratio Lower Upper

91 100

126 32.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 1.713 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

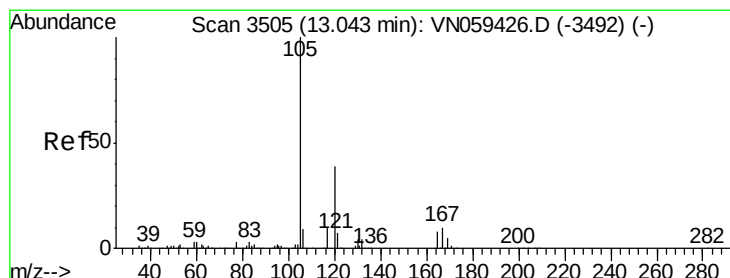
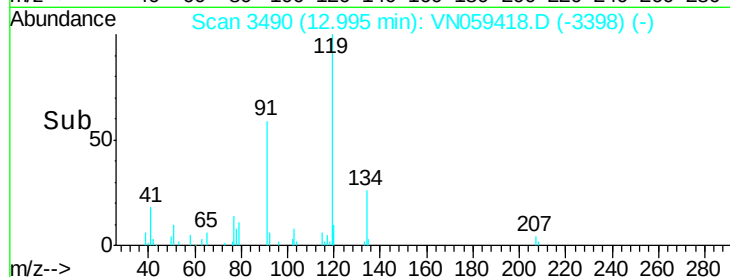
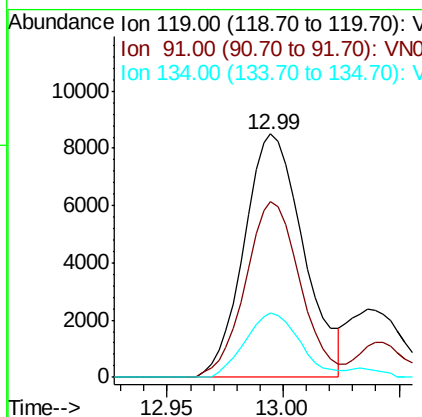
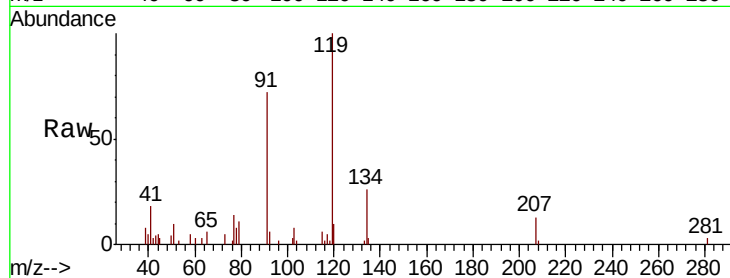
ClientSampled :

VSTDIC001

Tot Ion:	119	Resp:	15122
Ion Ratio	Lower	Upper	
119	100		
91	67.1	32.8	98.4
134	24.4	12.9	38.6

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#84

1,2,4-Trimethylbenzene

Concen: 1.606 ug/l

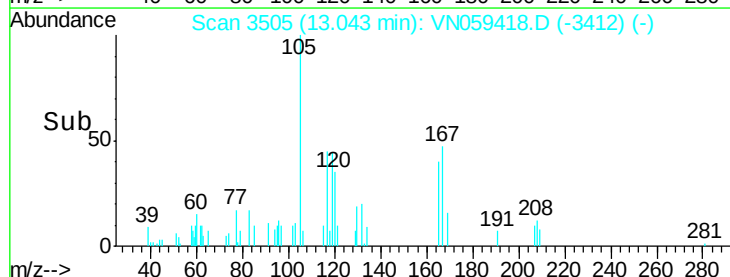
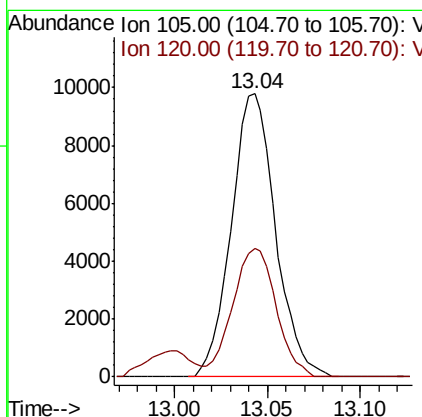
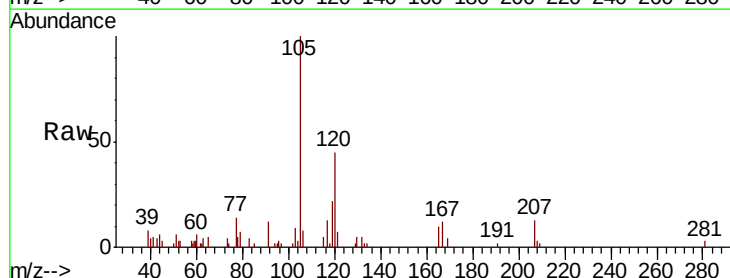
RT: 13.04 min Scan# 3505

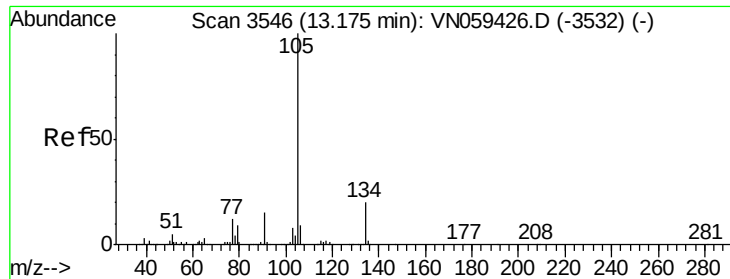
Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	105	Resp:	16175
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.9	68.7





#85

sec-Butylbenzene

Concen: 1.714 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

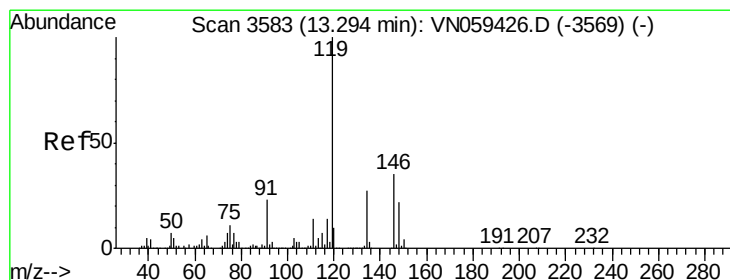
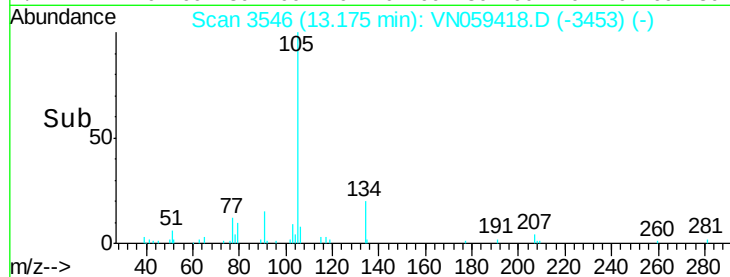
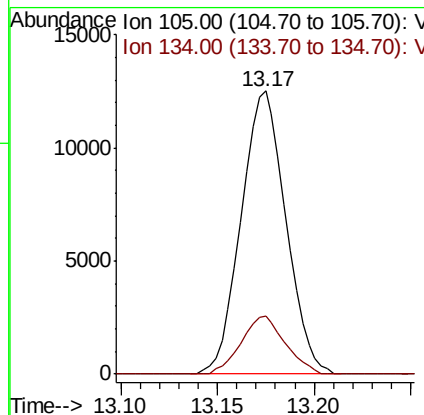
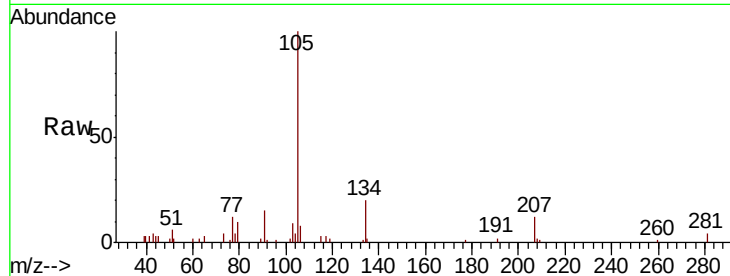
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.9	29.7

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#86

p-Isopropyltoluene

Concen: 1.713 ug/l

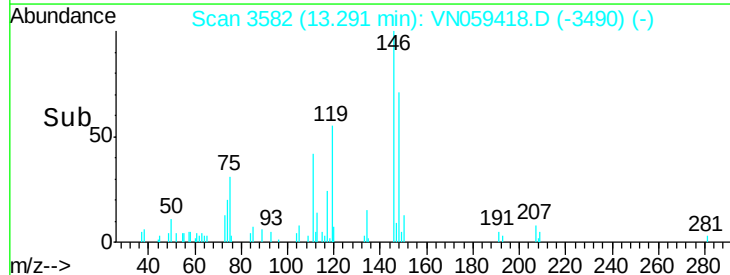
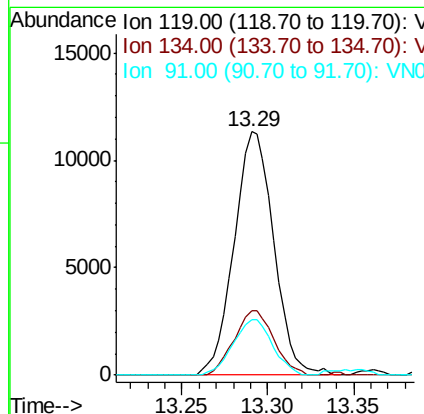
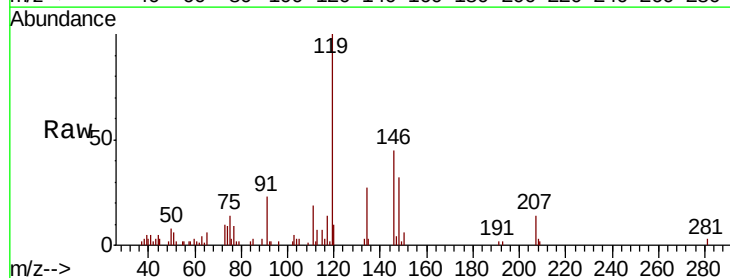
RT: 13.29 min Scan# 3582

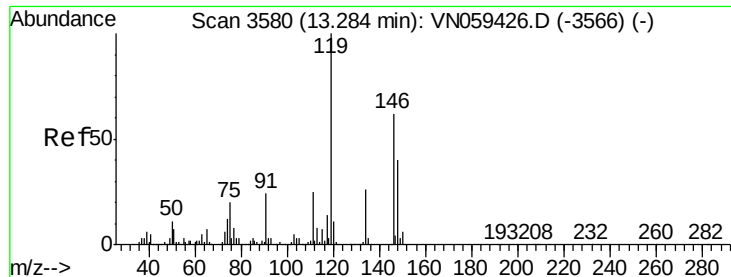
Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.8
91	22.6	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 1.872 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059418.D

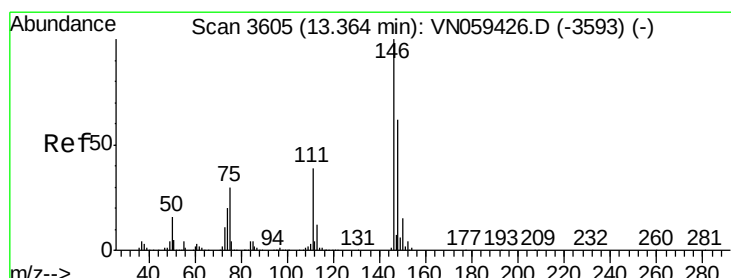
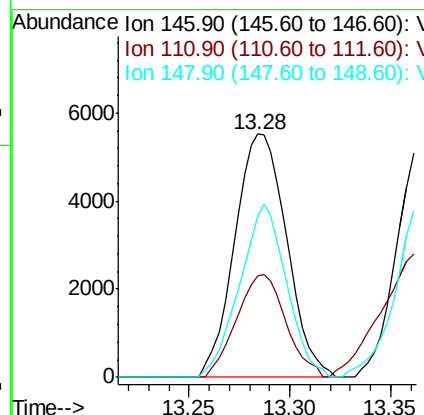
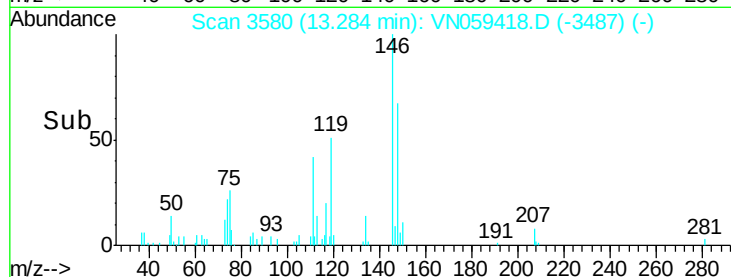
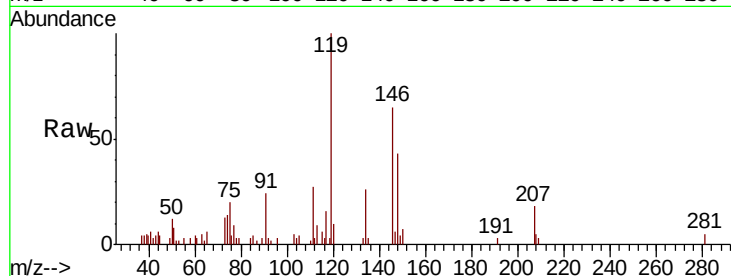
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	64.3	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 1.846 ug/l

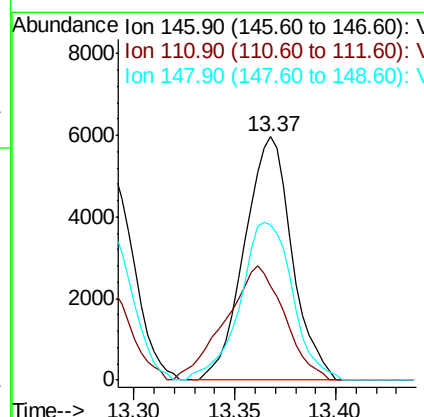
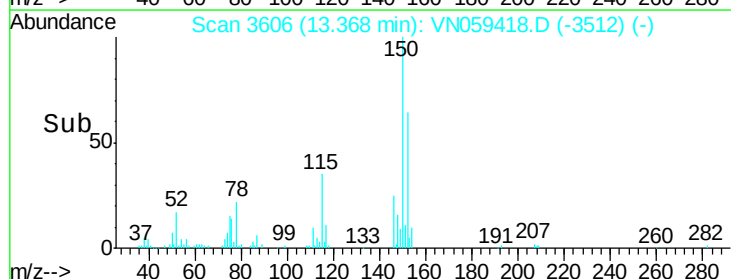
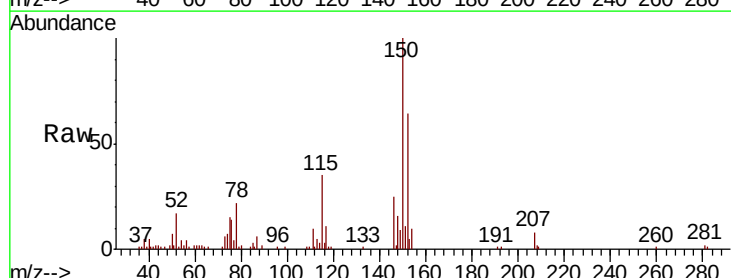
RT: 13.37 min Scan# 3606

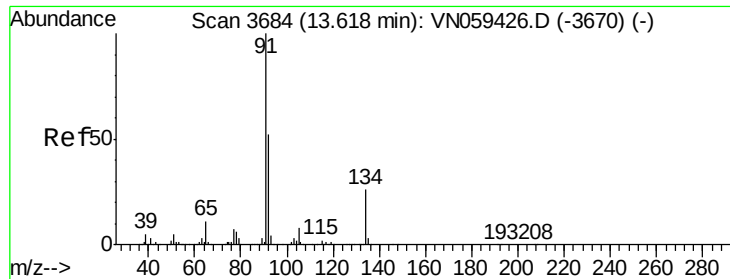
Delta R.T. 0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	57.8	19.9	59.7
148	71.7	31.6	95.0





#89

n-Butylbenzene

Concen: 1.772 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Instrument :

MSVOA_N

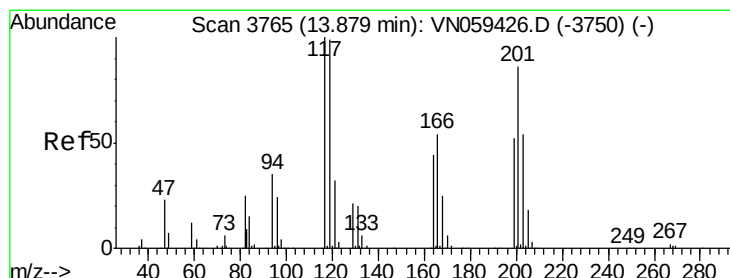
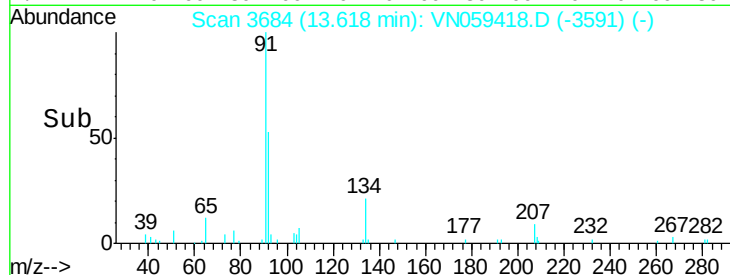
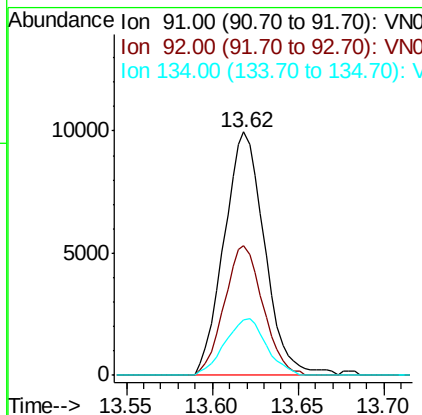
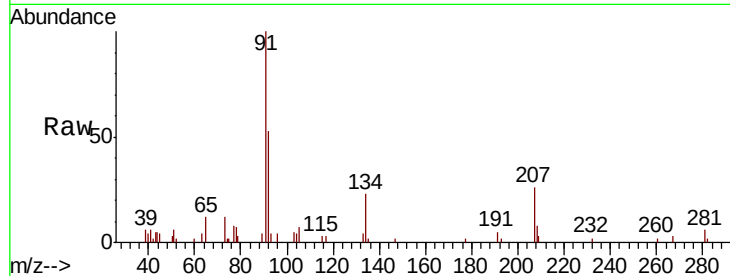
ClientSampled :

VSTDIC001

Tot Ion:	91	Resp:	16414
Ion Ratio	Lower	Upper	
91	100		
92	50.8	25.9	77.8
134	23.7	12.8	38.4

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#90

Hexachloroethane

Concen: 1.629 ug/l

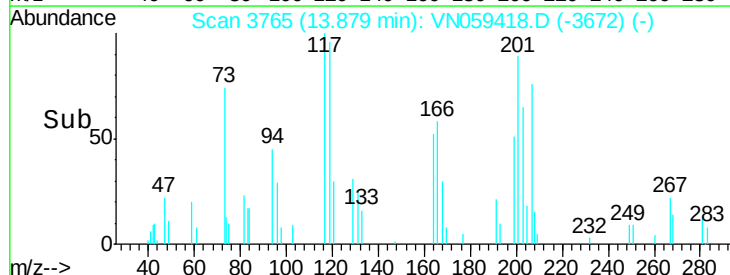
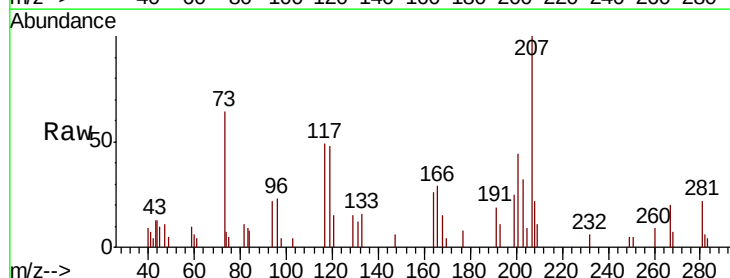
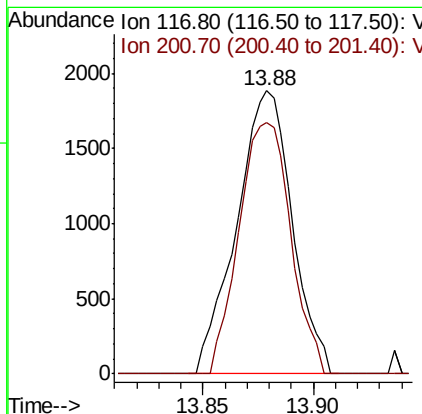
RT: 13.88 min Scan# 3765

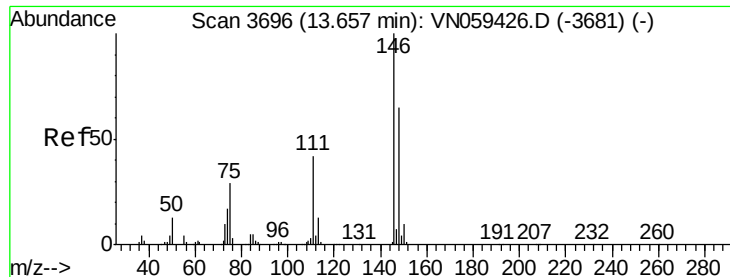
Delta R.T. -0.00 min

Lab File: VN059418.D

Acq: 27 Nov 2019 12:39

Tgt Ion:	117	Resp:	3300
Ion Ratio	Lower	Upper	
117	100		
201	82.7	42.1	126.4





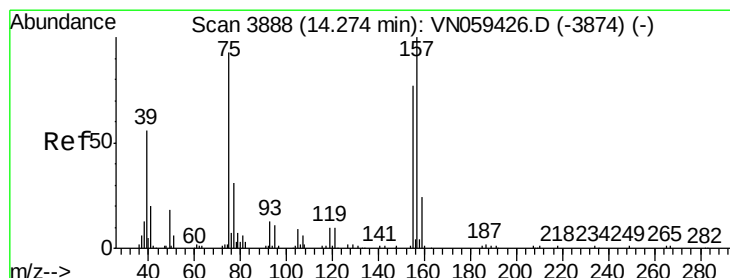
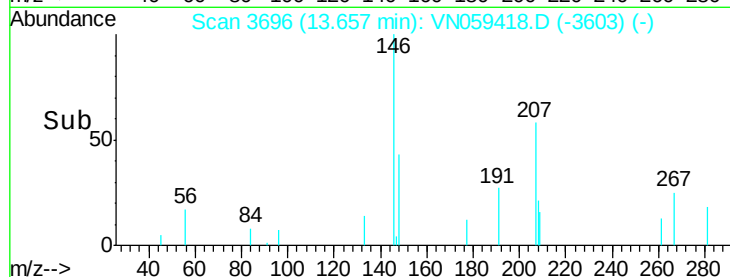
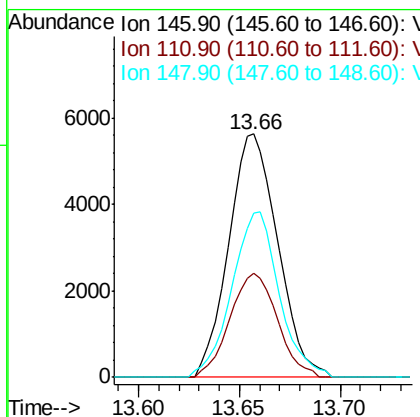
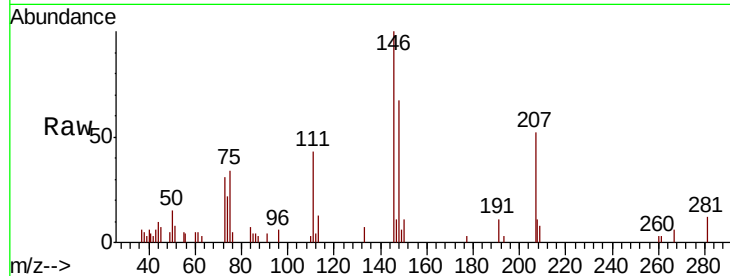
#91
 1,2-Dichlorobenzene
 Concen: 1.842 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	65.6	32.0	96.2

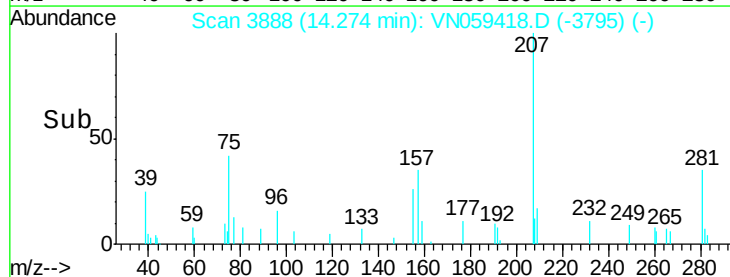
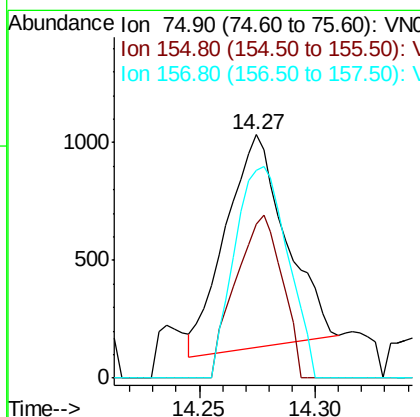
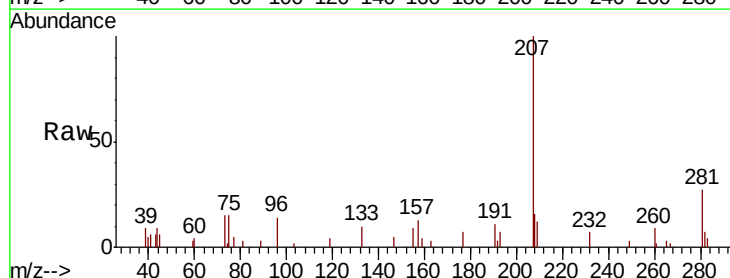
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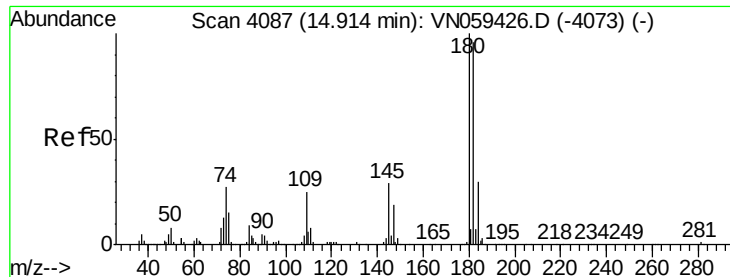
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.816 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	58.6	41.9	125.8
157	86.9	54.1	162.3





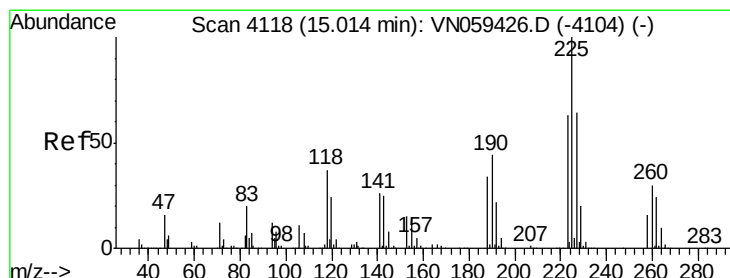
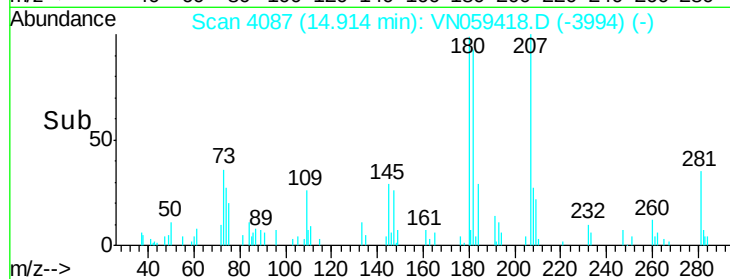
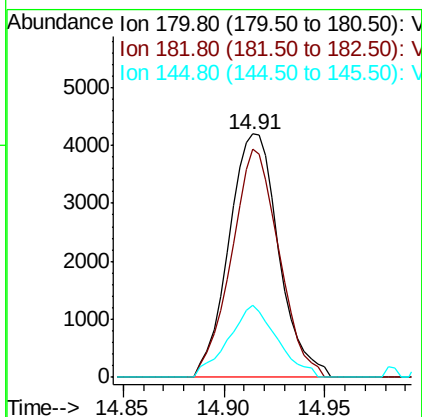
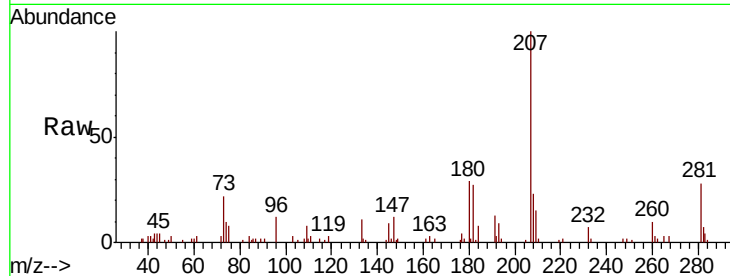
#93
 1,2,4-Trichlorobenzene
 Concen: 2.237 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.3	142.0
145	29.0	14.8	44.4

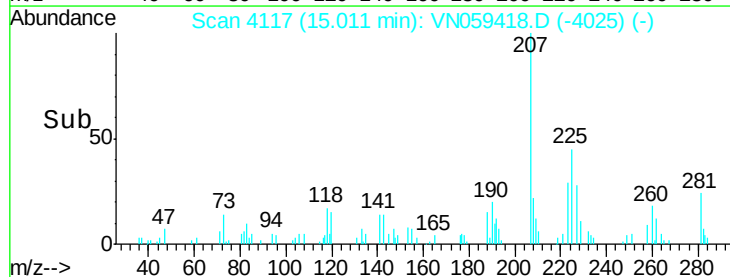
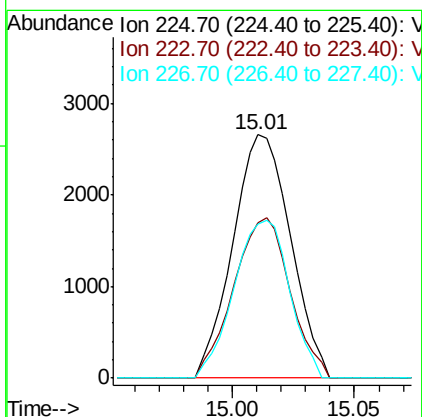
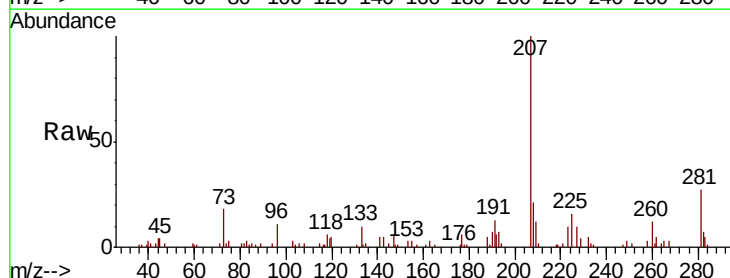
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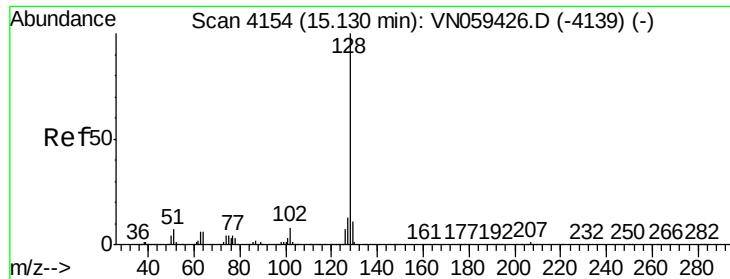
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#94
 Hexachlorobutadiene
 Concen: 2.201 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059418.D
 Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.5	94.5
227	62.4	31.9	95.7





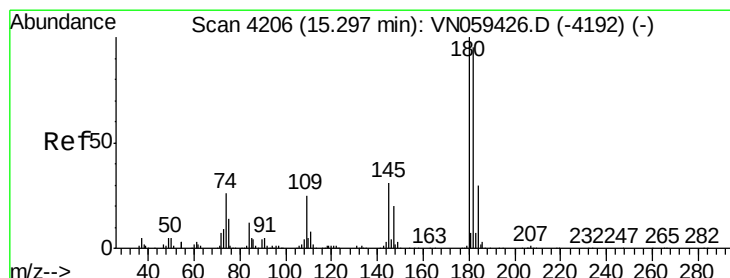
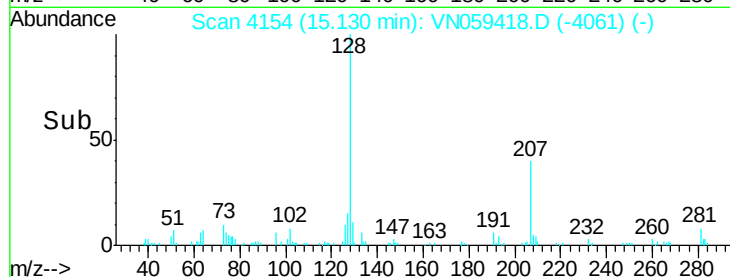
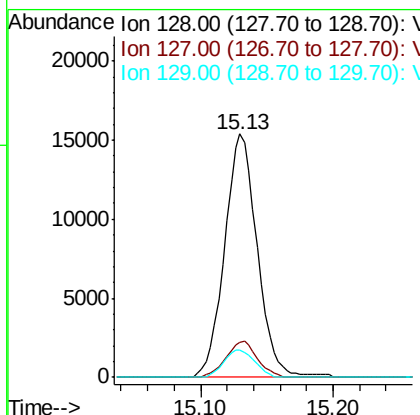
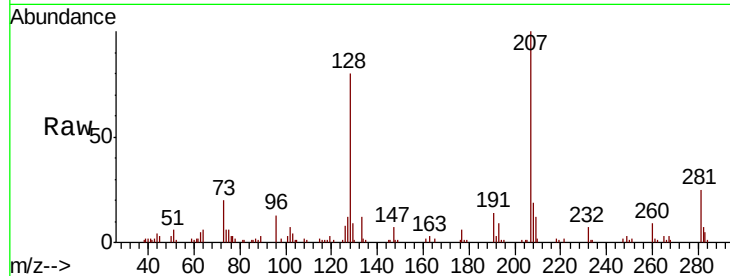
#95
Naphthalene
Concen: 2.876 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.1	15.1
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 2.417 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059418.D
Acq: 27 Nov 2019 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.5	142.6
145	38.7	15.7	47.1

