

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061820.D
 Acq On : 19 Jun 2020 00:29
 Operator : JC/MD
 Sample : VN0618WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

Quant Time: Jun 19 05:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102426	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.55	113	86005	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.06	98	320093	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.37	95	104639	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37741	20.668	ug/l	98
3) Chloromethane	2.03	50	43033	21.907	ug/l	99
4) Vinyl Chloride	2.16	62	51366	21.935	ug/l	99
5) Bromomethane	2.53	94	37136	20.651	ug/l	95
6) Chloroethane	2.67	64	34185	21.570	ug/l	97
7) Trichlorofluoromethane	2.98	101	53477	19.118	ug/l	100
8) Diethyl Ether	3.37	74	21473	22.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28297	19.719	ug/l	99
10) Methyl Iodide	3.91	142	35993	23.890	ug/l	98
11) Tert butyl alcohol	4.73	59	27466	104.577	ug/l	100
12) 1,1-Dichloroethene	3.70	96	30350	21.107	ug/l	96
13) Acrolein	3.57	56	13044	83.097	ug/l	99
14) Allyl chloride	4.28	41	39023	20.448	ug/l	99
15) Acrylonitrile	4.93	53	72769	111.818	ug/l	99
16) Acetone	3.78	43	58630	104.580	ug/l	99
17) Carbon Disulfide	4.01	76	83942	19.952	ug/l	99
18) Methyl Acetate	4.27	43	35989	22.297	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	102486	21.407	ug/l	98
20) Methylene Chloride	4.50	84	38065	20.840	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34883	21.121	ug/l	97
22) Diisopropyl ether	5.90	45	94128	21.566	ug/l	97
23) Vinyl Acetate	5.84	43	363940	106.019	ug/l	99
24) 1,1-Dichloroethane	5.80	63	60889	21.311	ug/l	96
25) 2-Butanone	6.79	43	89043	108.861	ug/l	96
26) 2,2-Dichloropropane	6.78	77	39788	16.552	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	39987	20.983	ug/l	98
28) Bromochloromethane	7.15	49	26266	20.647	ug/l	99
29) Tetrahydrofuran	7.17	42	58514	108.701	ug/l	100
30) Chloroform	7.33	83	64644	21.170	ug/l	95
31) Cyclohexane	7.61	56	45689	18.267	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	52261	20.097	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43537	18.868	ug/l	100
37) Ethyl Acetate	6.89	43	35691	19.807	ug/l	96
38) Carbon Tetrachloride	7.73	117	44522	19.484	ug/l	99

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Quant Time: Jun 19 05:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	44468	17.897	ug/l	98
40) Benzene	8.00	78	142517	20.389	ug/l	97
41) Methacrylonitrile	7.12	41	14138	18.348	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	49929	20.949	ug/l	100
43) Isopropyl Acetate	8.13	43	61945	20.399	ug/l #	91
44) Trichloroethene	8.80	130	35865	19.496	ug/l	96
45) 1,2-Dichloropropane	9.08	63	35465	20.646	ug/l	99
46) Dibromomethane	9.17	93	25148	20.790	ug/l	98
47) Bromodichloromethane	9.37	83	50686	20.463	ug/l	95
48) Methyl methacrylate	9.17	41	27109	19.630	ug/l	97
49) 1,4-Dioxane	9.17	88	13478	425.099	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	188962	105.302	ug/l	100
52) Toluene	10.12	92	87833	20.008	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	49830	18.951	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	55569	19.457	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	37499	21.711	ug/l	99
56) Ethyl methacrylate	10.40	69	47073	19.709	ug/l	98
57) 1,3-Dichloropropane	10.68	76	60583	20.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	82190	90.164	ug/l	99
59) 2-Hexanone	10.72	43	135145	102.619	ug/l	97
60) Dibromochloromethane	10.87	129	39287	20.385	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36883	20.450	ug/l	99
64) Tetrachloroethene	10.60	164	29643	20.000	ug/l	97
65) Chlorobenzene	11.41	112	94296	19.217	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	35306	20.631	ug/l	100
67) Ethyl Benzene	11.48	91	157315	19.122	ug/l	100
68) m/p-Xylenes	11.60	106	122601	38.647	ug/l	100
69) o-Xylene	11.92	106	59356	19.610	ug/l	100
70) Styrene	11.94	104	98655	19.466	ug/l	99
71) Bromoform	12.10	173	25276	20.256	ug/l #	98
73) Isopropylbenzene	12.22	105	149722	20.051	ug/l	98
74) N-amyl acetate	12.05	43	48288	19.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	52406	21.587	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	62671	30.380	ug/l #	100
77) Bromobenzene	12.50	156	39788	21.121	ug/l	98
78) n-propylbenzene	12.56	91	166472	19.539	ug/l	99
79) 2-Chlorotoluene	12.65	91	104388	20.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125293	20.282	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14225	18.807	ug/l	97
82) 4-Chlorotoluene	12.75	91	106623	20.165	ug/l	99
83) tert-Butylbenzene	12.97	119	102929	19.654	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	123802	20.302	ug/l	99
85) sec-Butylbenzene	13.15	105	136907	19.972	ug/l	99
86) p-Isopropyltoluene	13.26	119	119434	19.553	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	67552	19.661	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	68068	19.354	ug/l	99
89) n-Butylbenzene	13.59	91	92145	18.063	ug/l	100
90) Hexachloroethane	13.85	117	22514	20.136	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	67977	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8504	21.577	ug/l	99

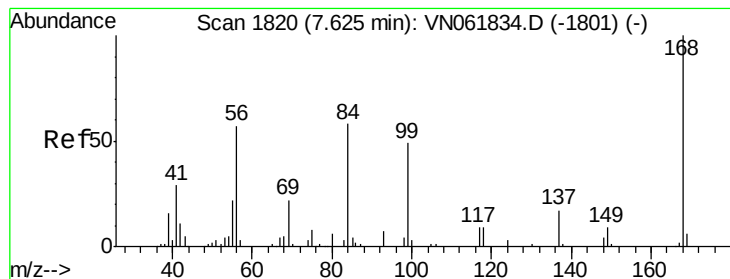
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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Quant Time: Jun 19 05:32:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29667	19.008	ug/l	99
94) Hexachlorobutadiene	14.98	225	11803	19.200	ug/l	97
95) Naphthalene	15.10	128	87798	19.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30811	19.933	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

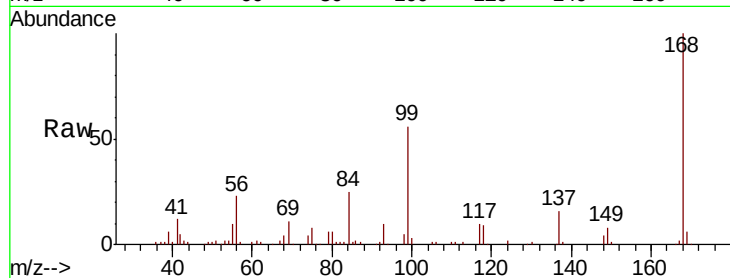
VN0618WBSD02

Tot Ion:168 Resp: 141518

Ion Ratio Lower Upper

168 100

99 56.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

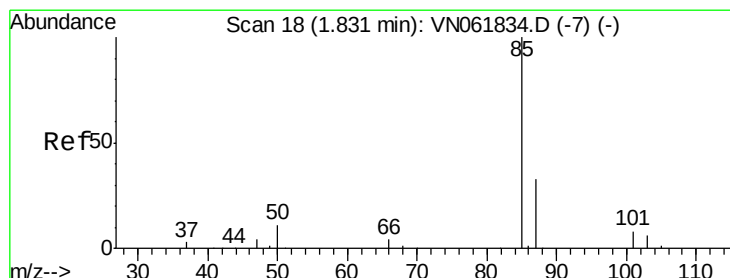
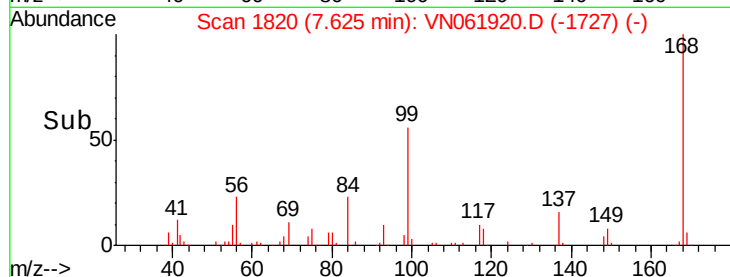
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.668 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061920.D

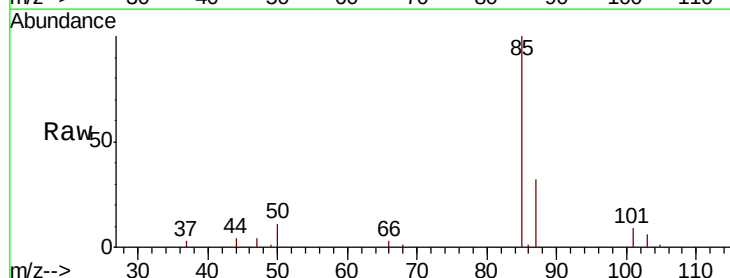
Acq: 19 Jun 2020 00:29

Tgt Ion: 85 Resp: 37741

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

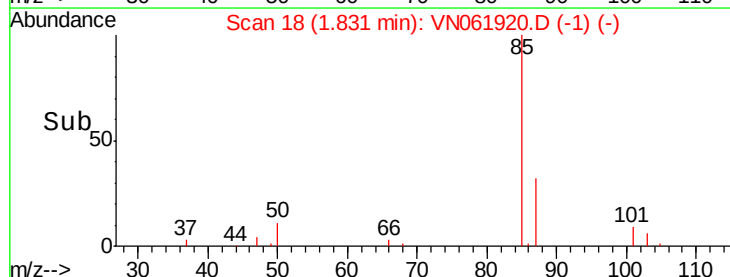
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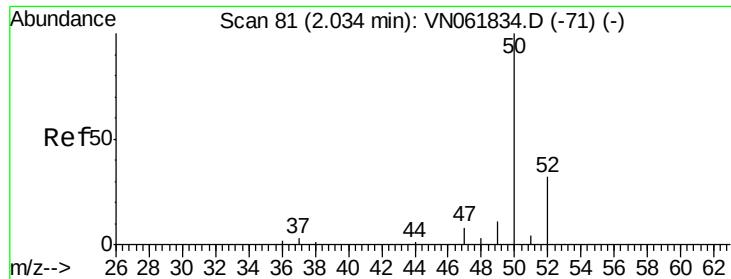
10000

5000

0

Time--> 1.80 1.85 1.90

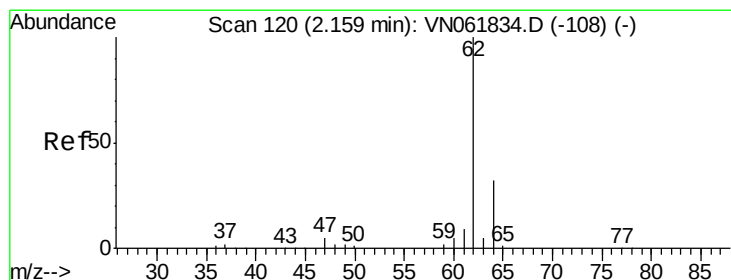
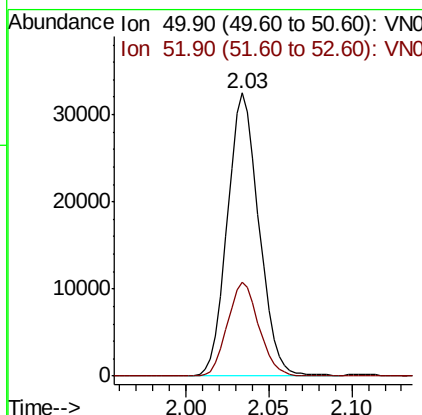
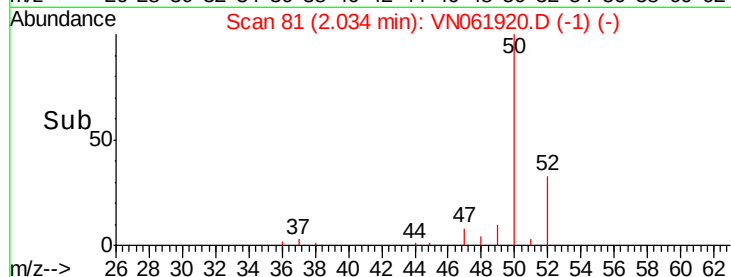
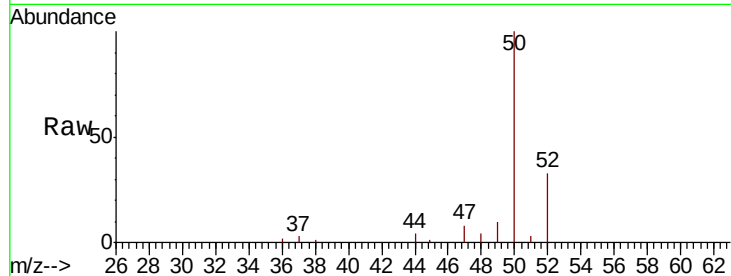




#3
Chloromethane
Concen: 21.907 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

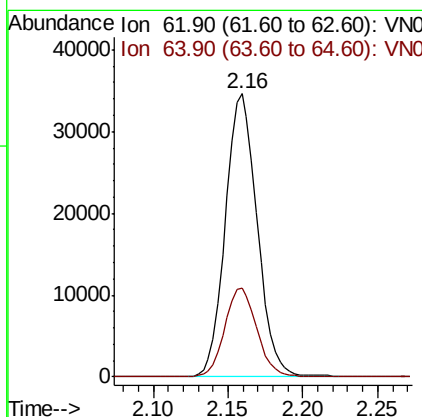
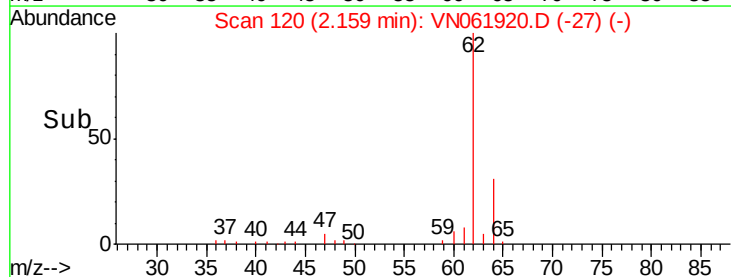
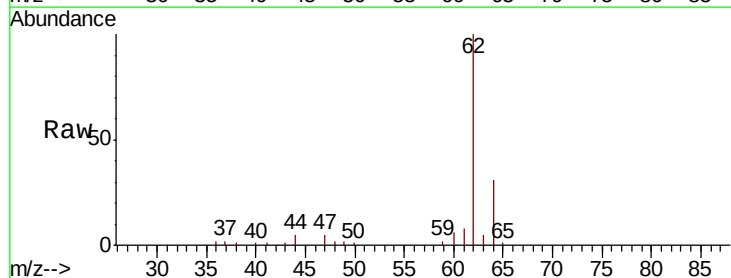
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

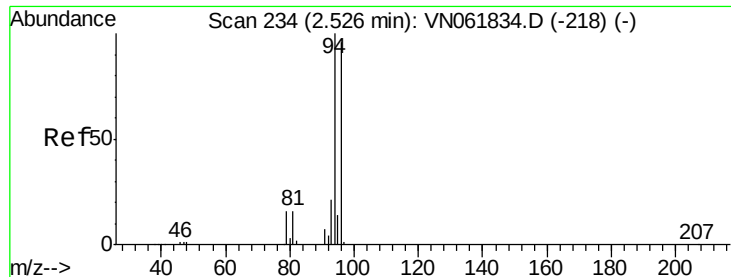
Tot Ion: 50 Resp: 43033
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 21.935 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 62 Resp: 51366
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5

Bromomethane

Concen: 20.651 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

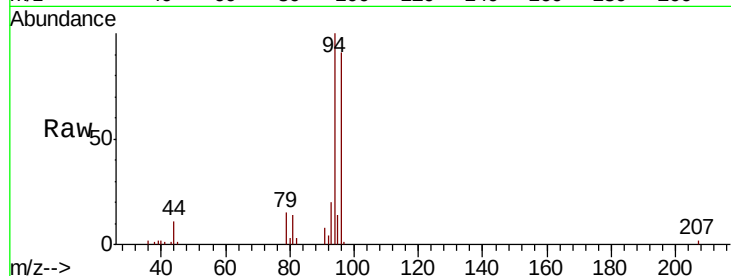
VN0618WBSD02

Tot Ion: 94 Resp: 37136

Ion Ratio Lower Upper

94 100

96 90.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.53

20000

15000

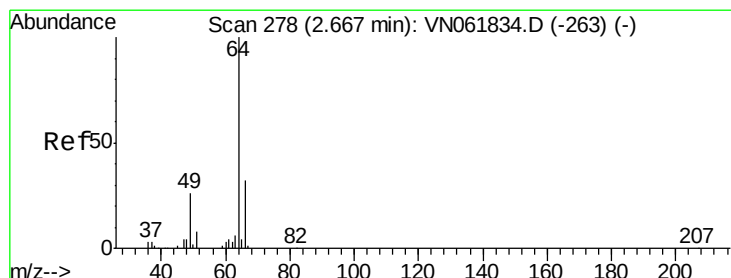
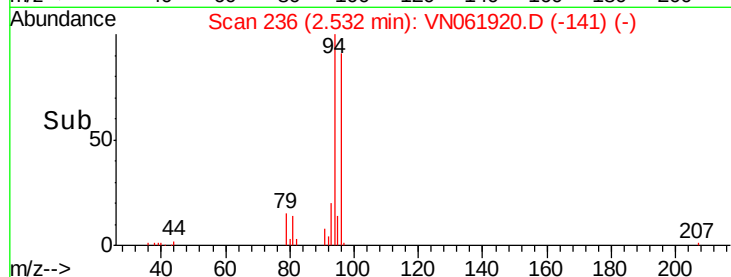
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 21.570 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061920.D

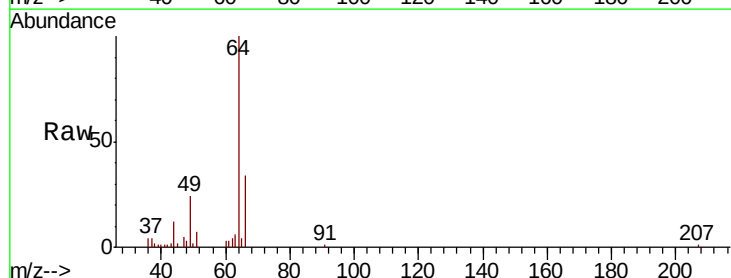
Acq: 19 Jun 2020 00:29

Tgt Ion: 64 Resp: 34185

Ion Ratio Lower Upper

64 100

66 33.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.67

15000

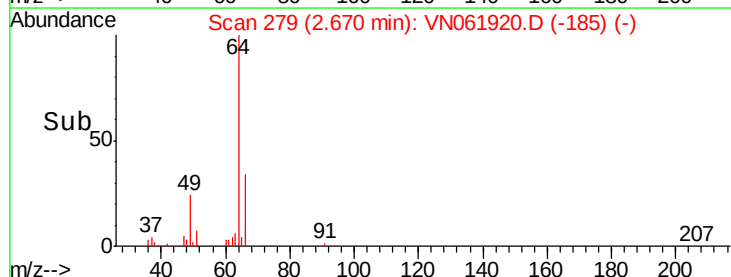
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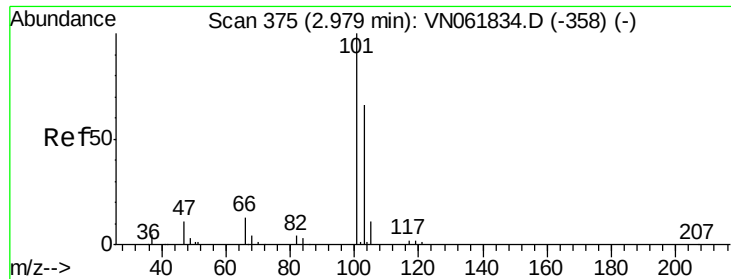
5000

0

Time-->

2.60 2.65 2.70 2.75



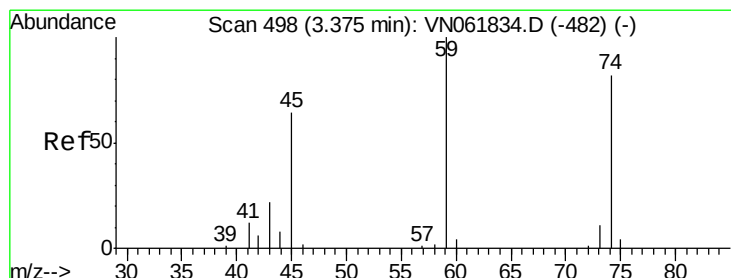
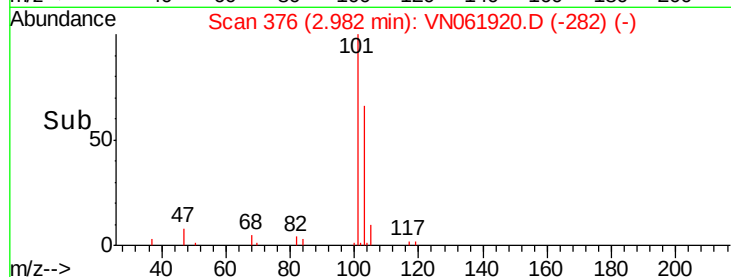
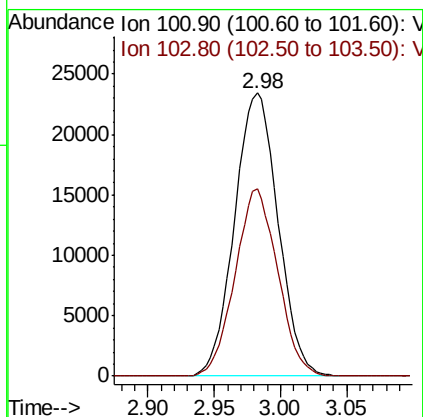
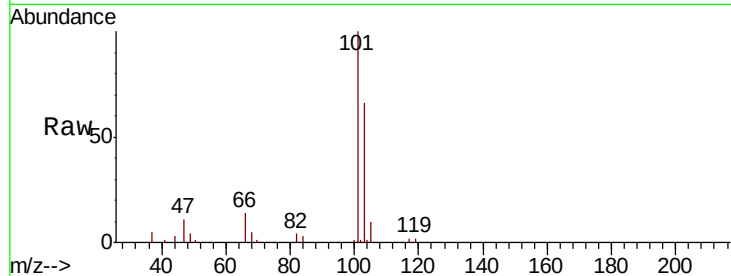


#7

Trichlorofluoromethane
 Concen: 19.118 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

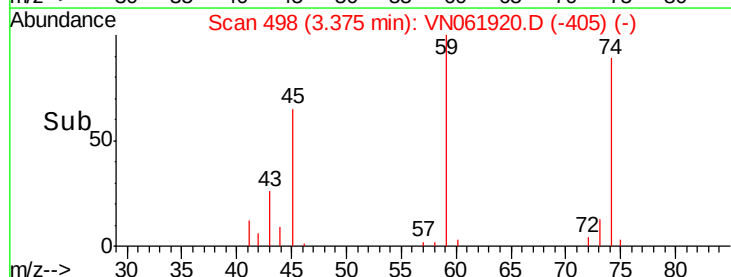
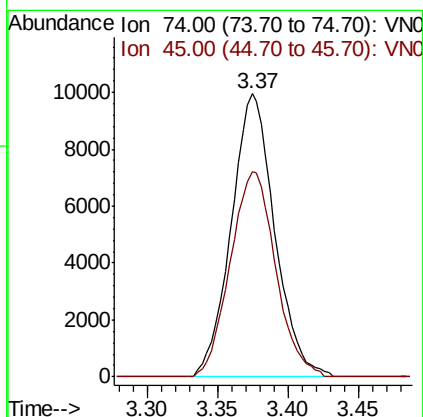
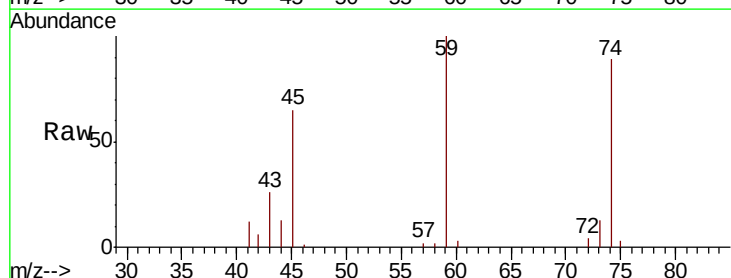
Tot Ion:101 Resp: 53477
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.8 79.2

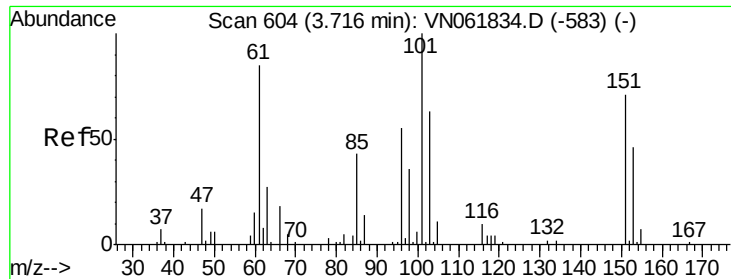


#8

Diethyl Ether
 Concen: 22.835 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 74 Resp: 21473
 Ion Ratio Lower Upper
 74 100
 45 75.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.719 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

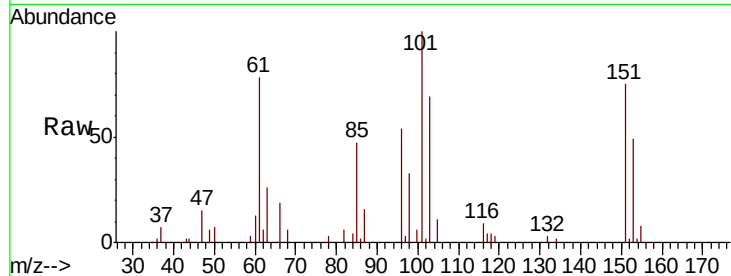
Tot Ion:101 Resp: 28297

Ion Ratio Lower Upper

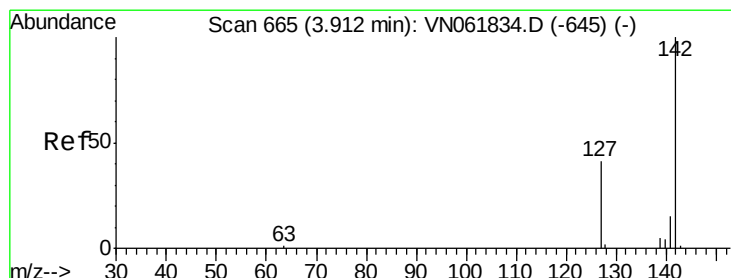
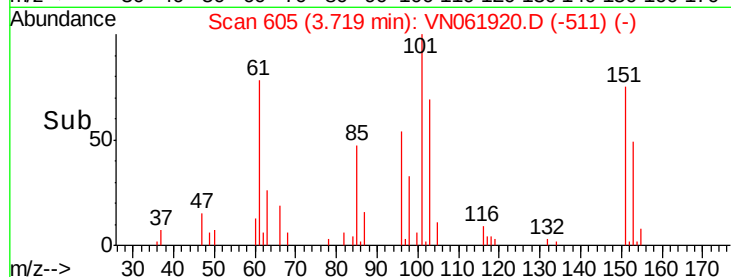
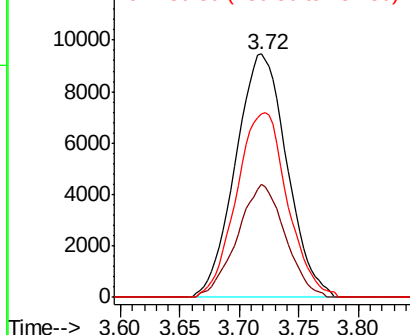
101 100

85 43.3 35.0 52.6

151 75.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.890 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

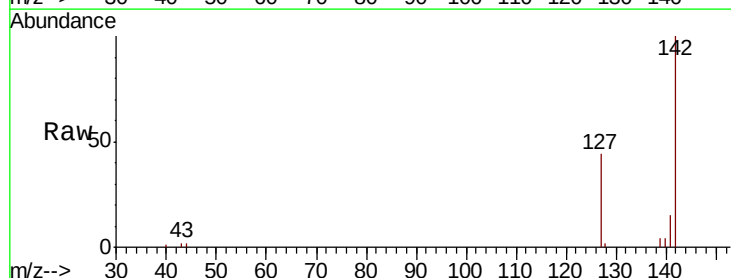
Tgt Ion:142 Resp: 35993

Ion Ratio Lower Upper

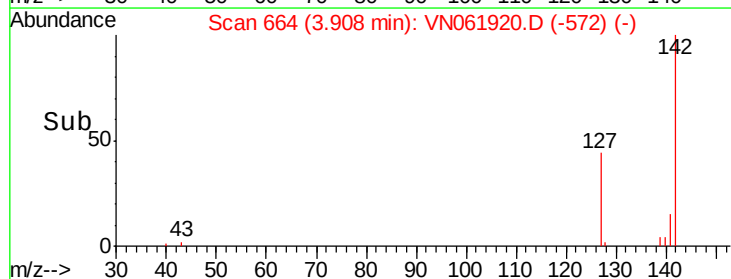
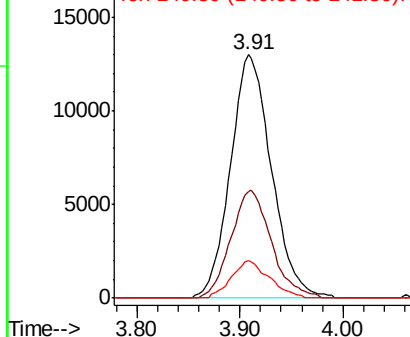
142 100

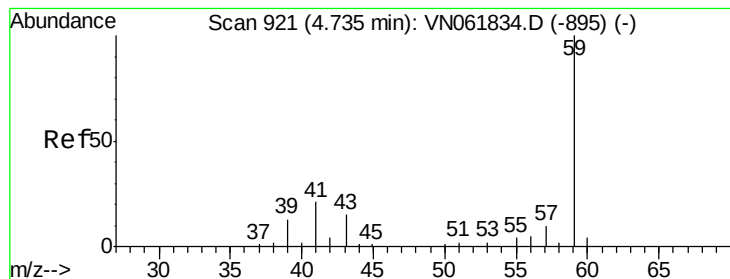
127 43.6 33.4 50.0

141 14.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



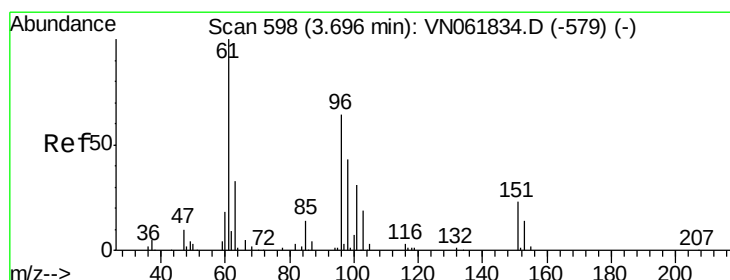
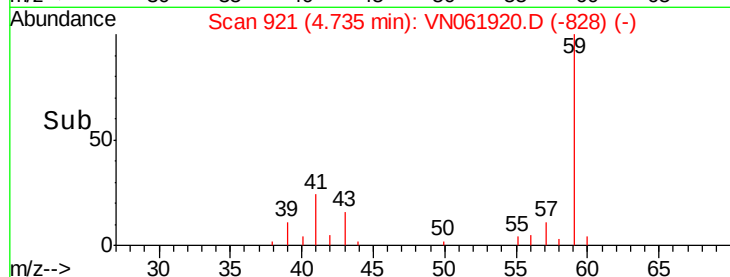
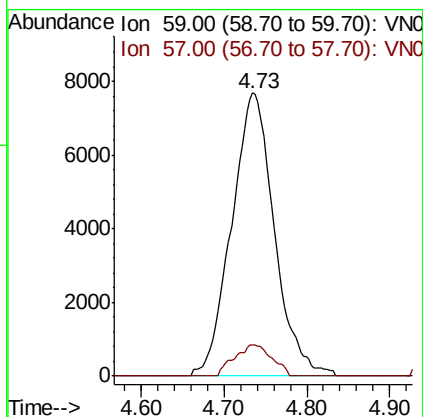
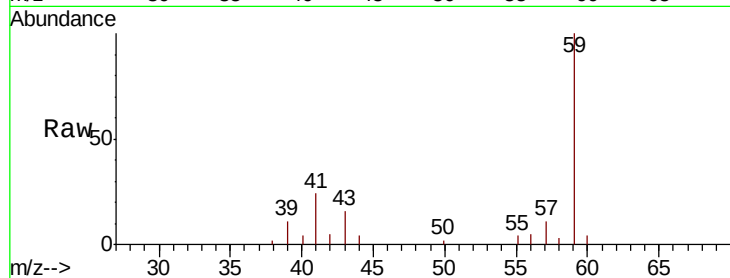


#11

Tert butyl alcohol
 Concen: 104.577 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

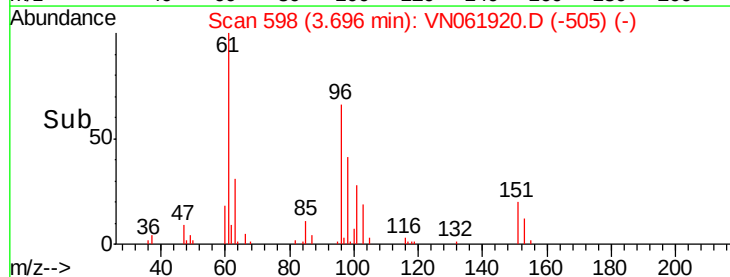
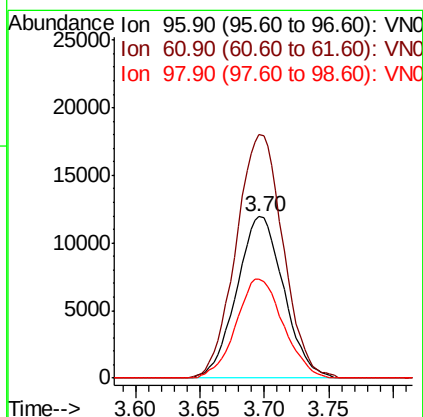
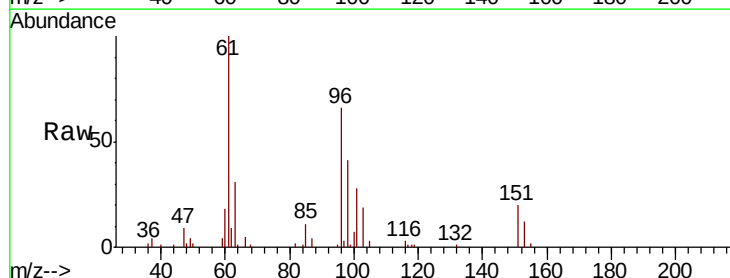
Tot Ion: 59 Resp: 27466
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.7 11.5

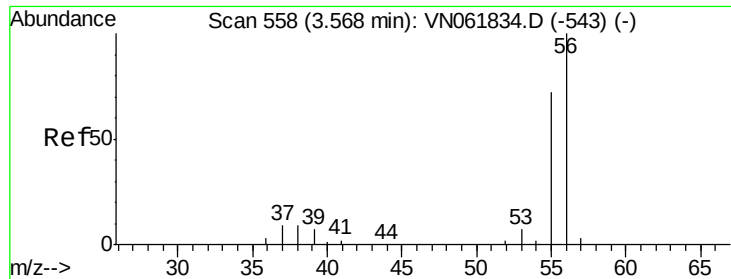


#12

1,1-Dichloroethene
 Concen: 21.107 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 96 Resp: 30350
 Ion Ratio Lower Upper
 96 100
 61 150.8 124.3 186.5
 98 61.3 53.1 79.7





#13

Acrolein

Concen: 83.097 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

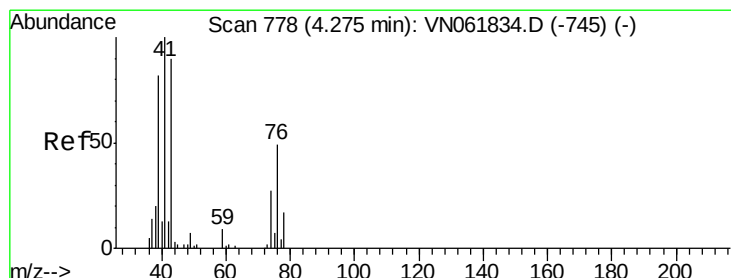
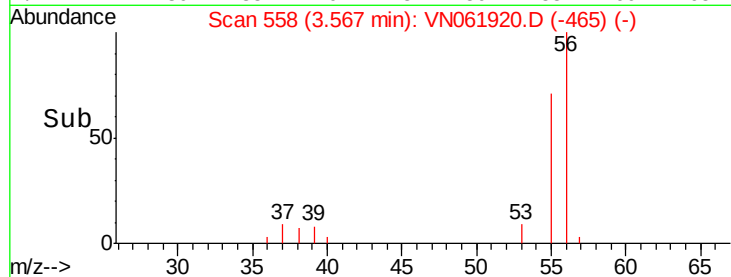
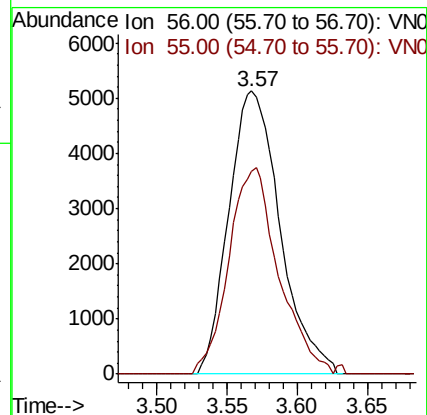
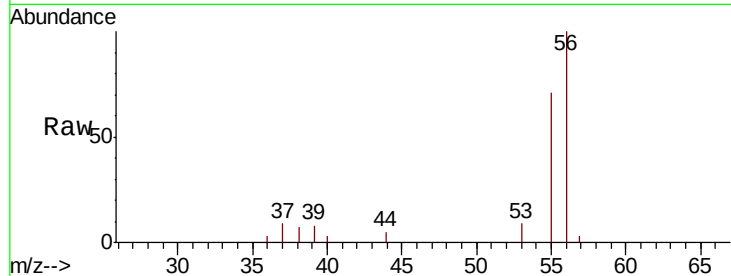
VN0618WBSD02

Tot Ion: 56 Resp: 13044

Ion Ratio Lower Upper

56 100

55 70.7 56.2 84.4



#14

Allyl chloride

Concen: 20.448 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

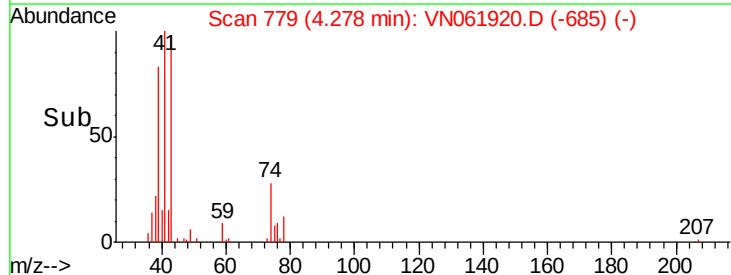
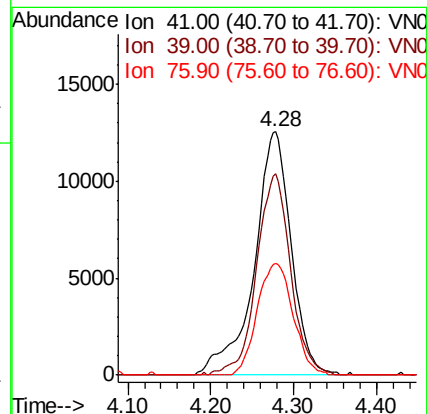
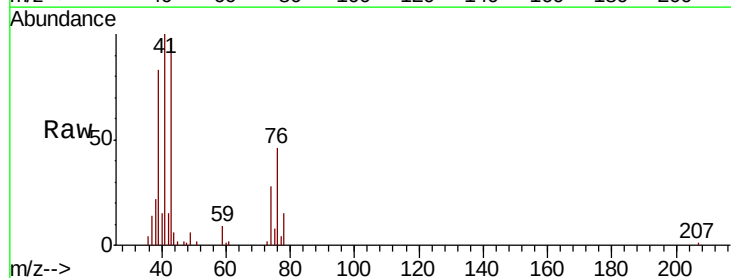
Tgt Ion: 41 Resp: 39023

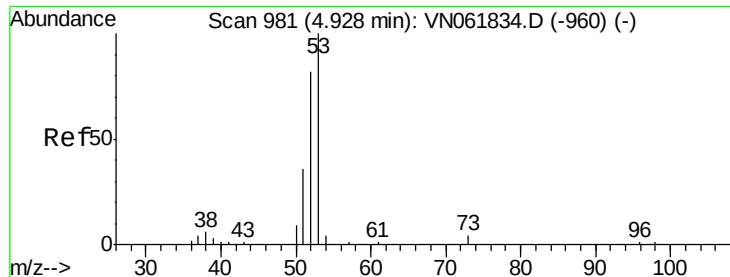
Ion Ratio Lower Upper

41 100

39 75.7 60.2 90.2

76 44.3 36.3 54.5





#15

Acrylonitrile

Concen: 111.818 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

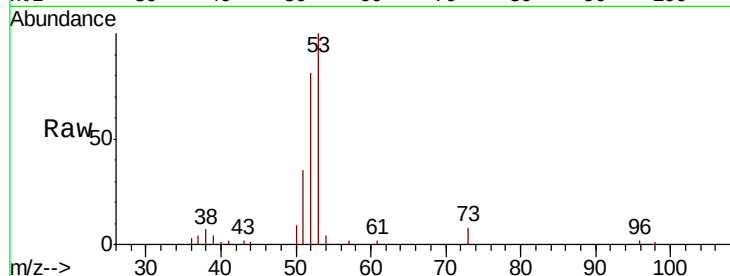
Tot Ion: 53 Resp: 72769

Ion Ratio Lower Upper

53 100

52 82.3 65.2 97.8

51 36.2 29.3 43.9

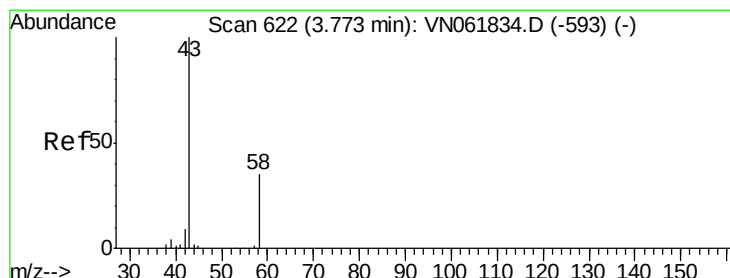
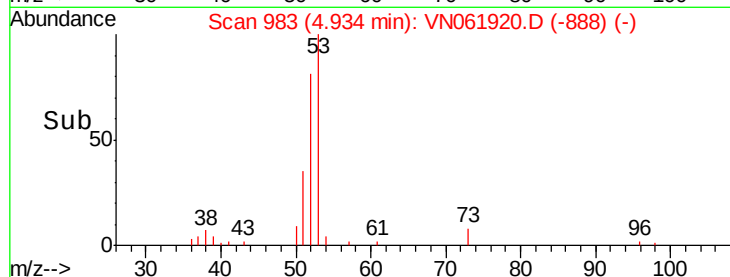


Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)

Time-->



#16

Acetone

Concen: 104.580 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061920.D

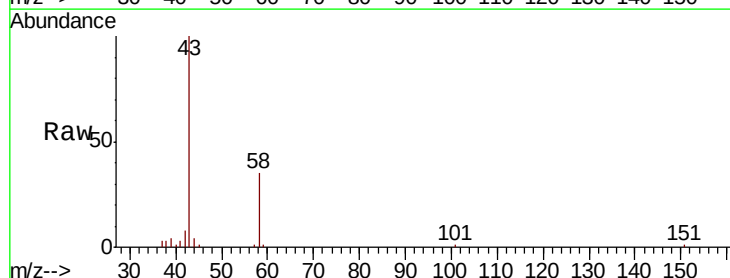
Acq: 19 Jun 2020 00:29

Tgt Ion: 43 Resp: 58630

Ion Ratio Lower Upper

43 100

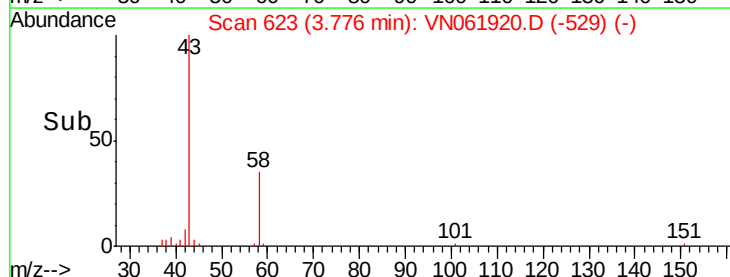
58 35.2 27.8 41.8

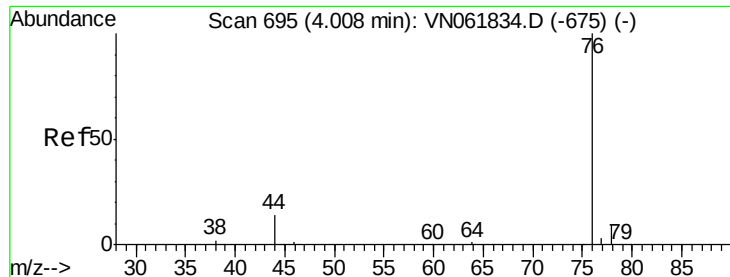


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

Time-->

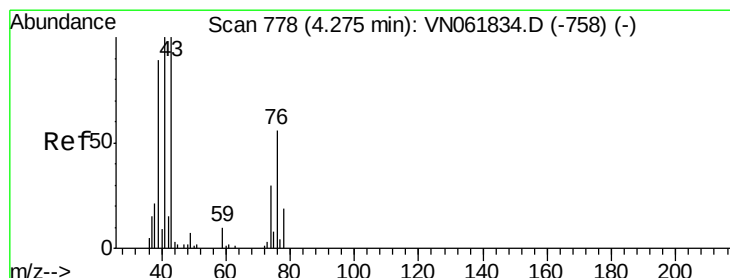
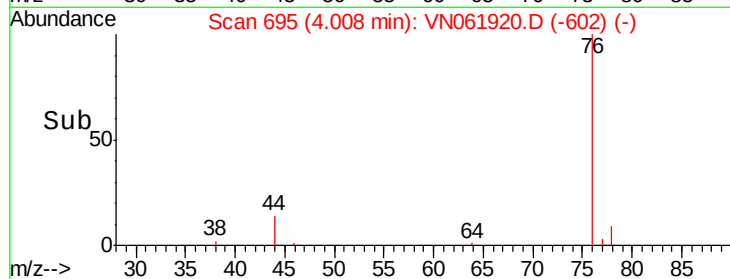
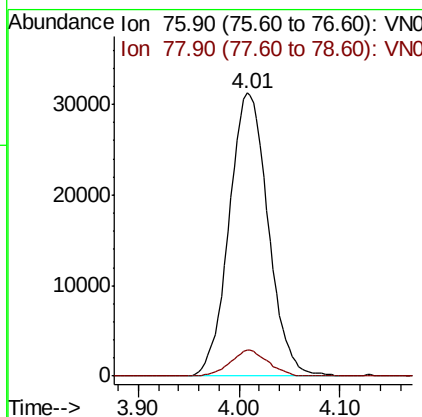
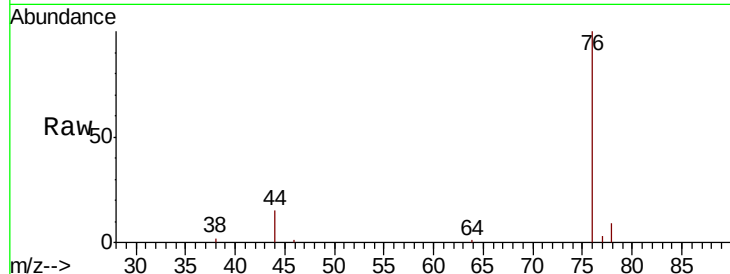




#17
Carbon Disulfide
Concen: 19.952 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

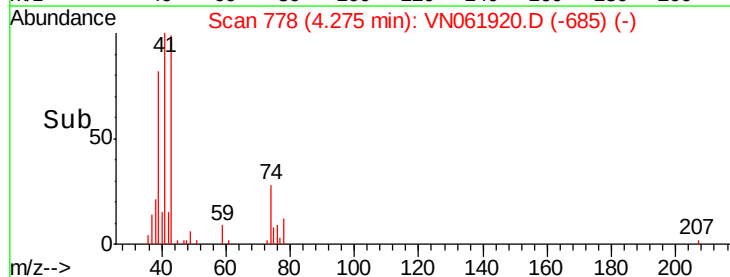
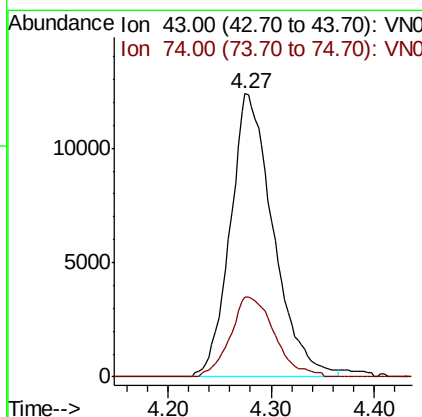
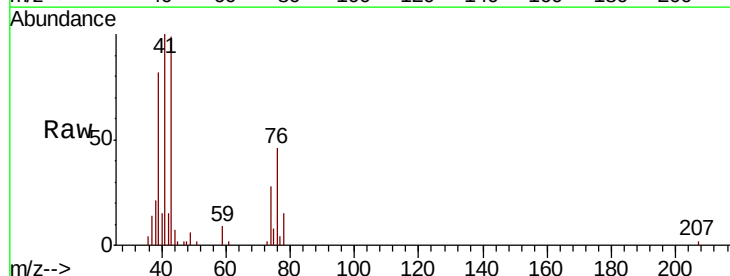
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

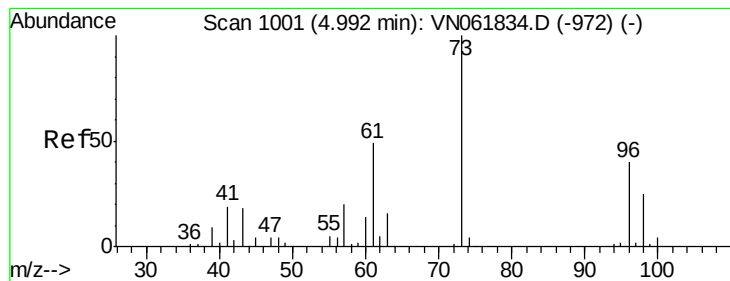
Tot Ion: 76 Resp: 83942
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 22.297 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 43 Resp: 35989
Ion Ratio Lower Upper
43 100
74 29.0 23.0 34.4



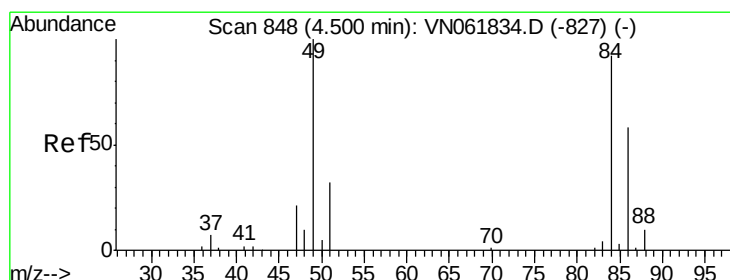
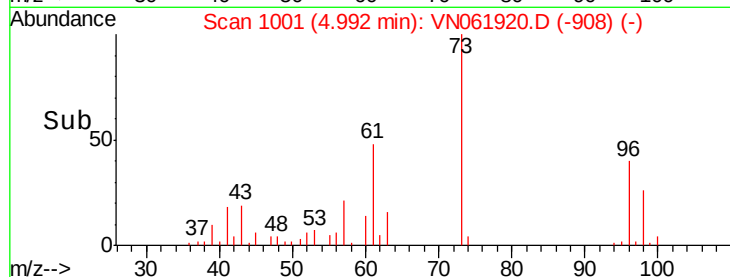
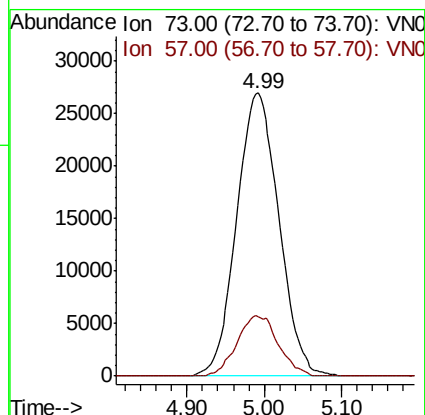
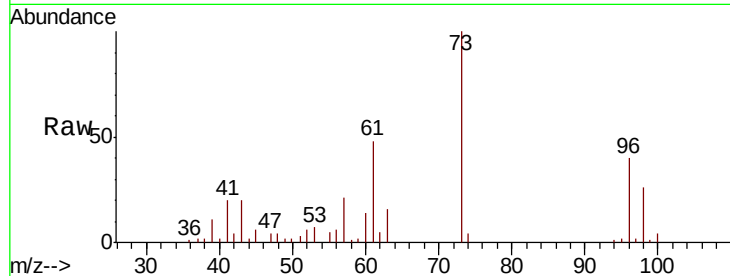


#19

Methyl tert-butyl Ether
 Concen: 21.407 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

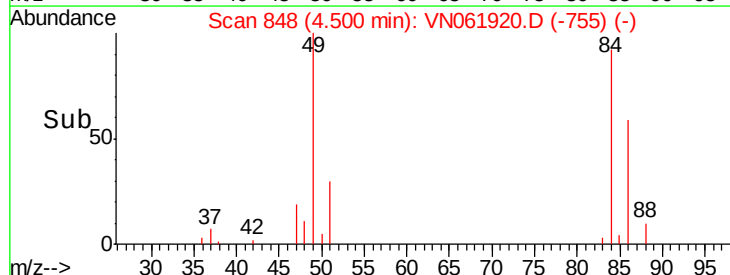
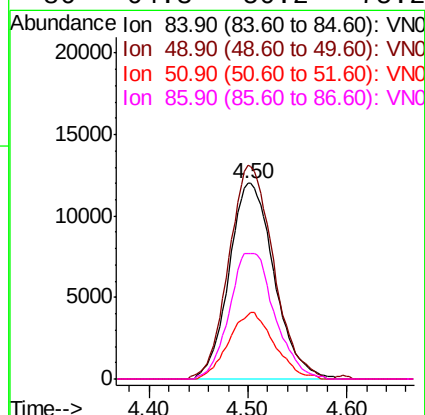
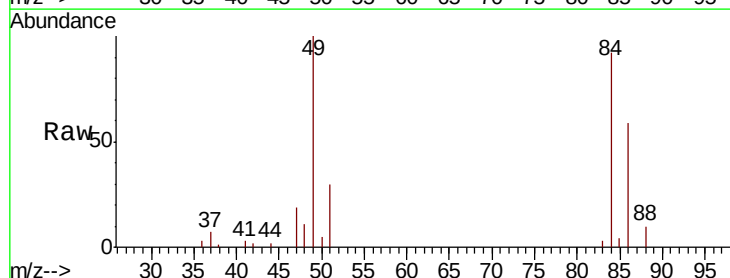
Tot Ion: 73 Resp: 102486
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.2 24.4

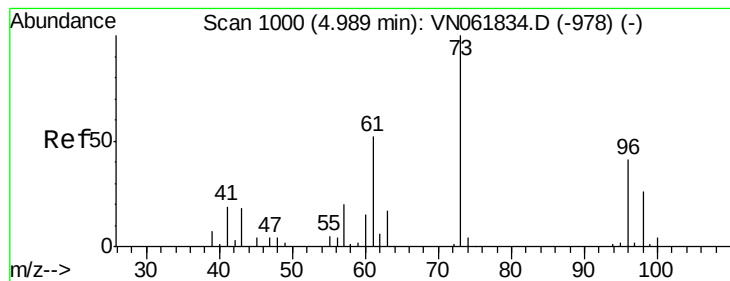


#20

Methylene Chloride
 Concen: 20.840 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 84 Resp: 38065
 Ion Ratio Lower Upper
 84 100
 49 107.8 87.0 130.4
 51 32.5 27.8 41.6
 86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 21.121 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampled :

VN0618WBSD02

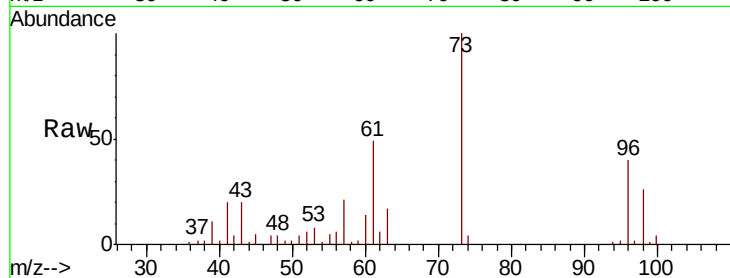
Tot Ion: 96 Resp: 34883

Ion Ratio Lower Upper

96 100

61 123.8 102.2 153.4

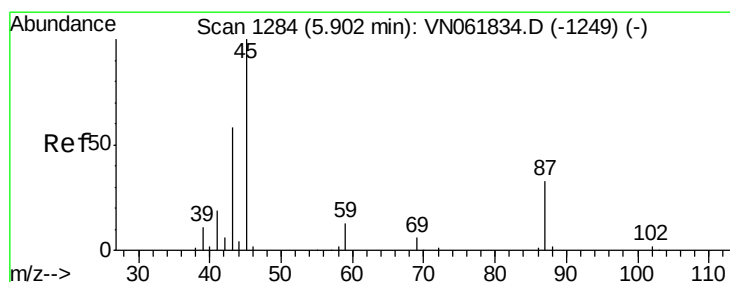
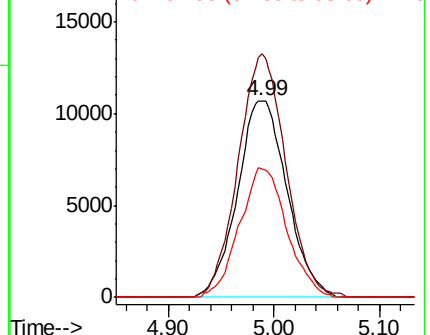
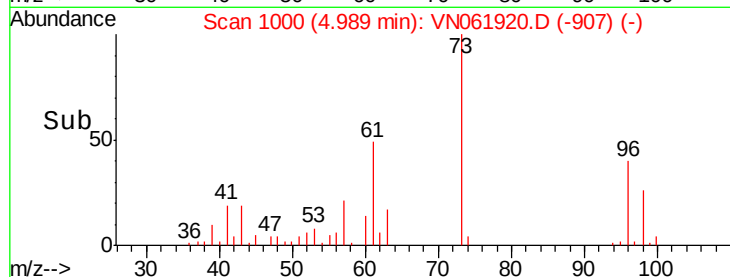
98 65.5 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061920.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061920.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061920.D (-907) (-)



#22

Diisopropyl ether

Concen: 21.566 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Tgt Ion: 45 Resp: 94128

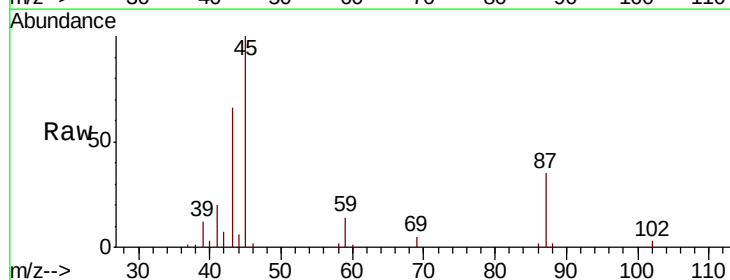
Ion Ratio Lower Upper

45 100

43 64.4 49.4 74.2

87 35.3 27.4 41.0

59 13.7 10.6 15.8

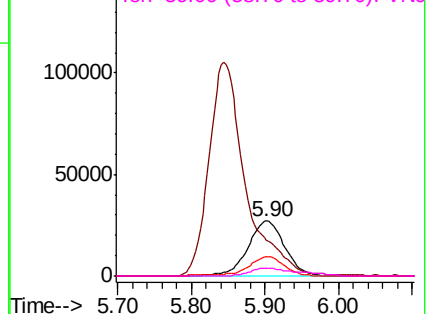
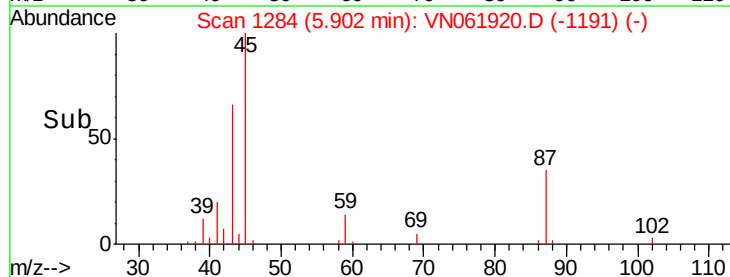


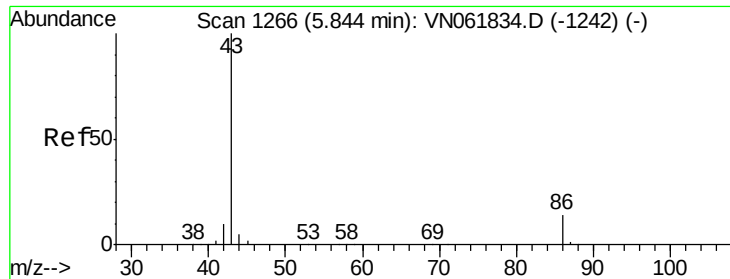
Abundance Ion 45.00 (44.70 to 45.70): VN061920.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061920.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061920.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061920.D (-1191) (-)





#23

Vinyl Acetate

Concen: 106.019 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

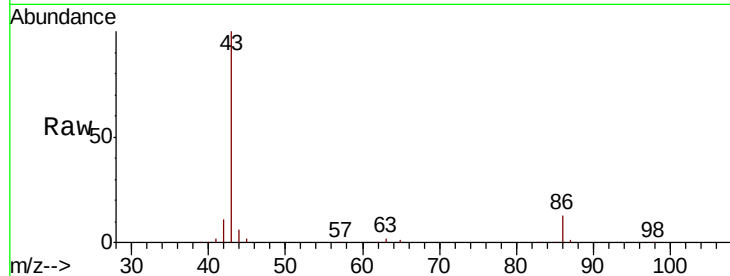
VN0618WBSD02

Tot Ion: 43 Resp: 363940

Ion Ratio Lower Upper

43 100

86 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

120000

100000

80000

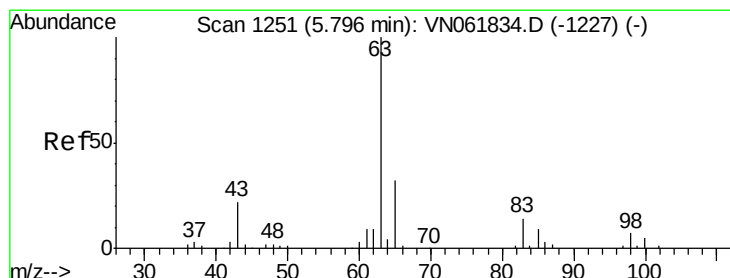
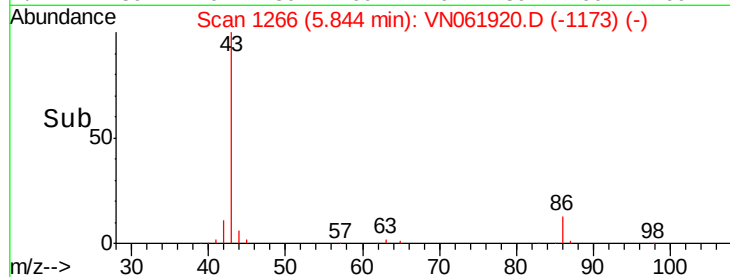
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.311 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

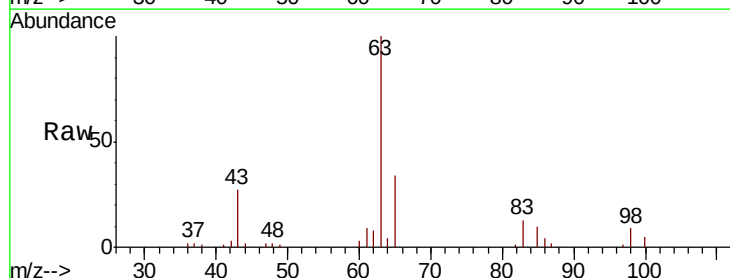
Tgt Ion: 63 Resp: 60889

Ion Ratio Lower Upper

63 100

98 8.9 3.5 10.4

100 5.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

25000

20000

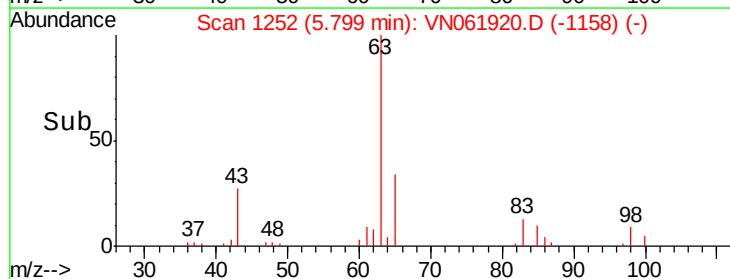
15000

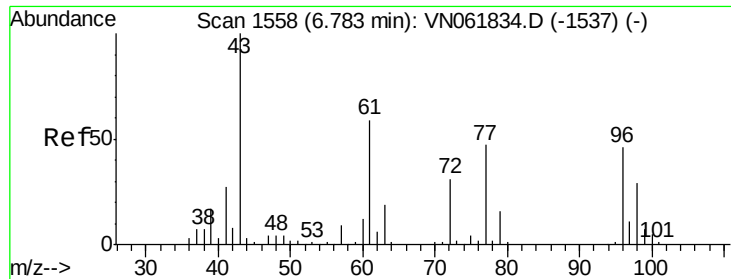
10000

5000

0

Time-->

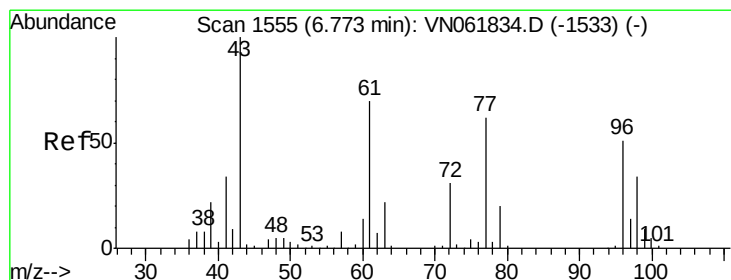
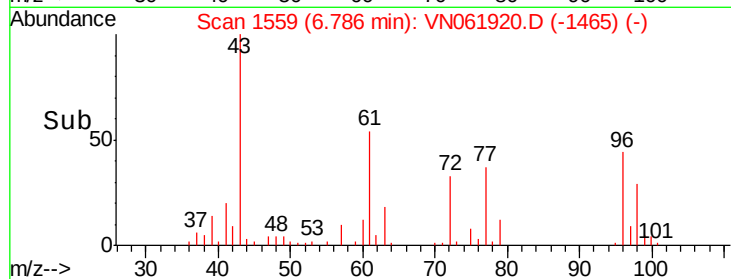
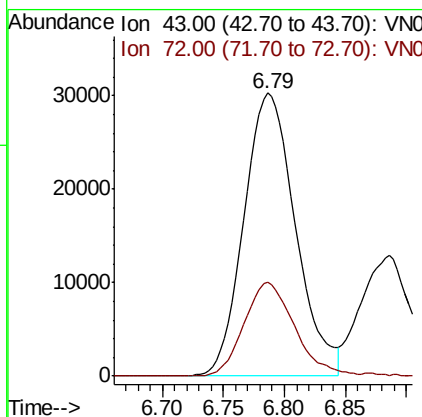
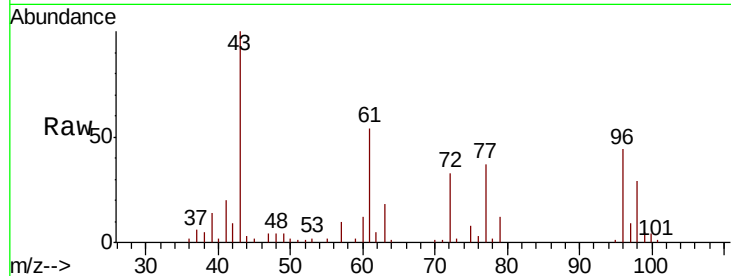




#25
2-Butanone
Concen: 108.861 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

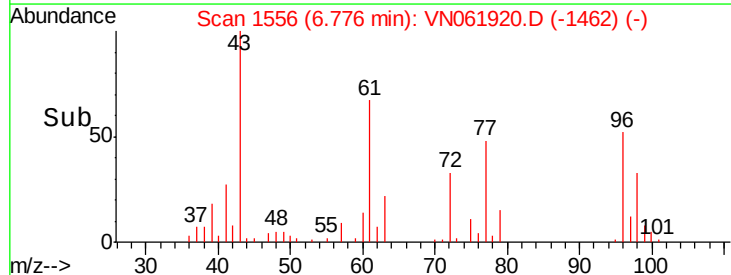
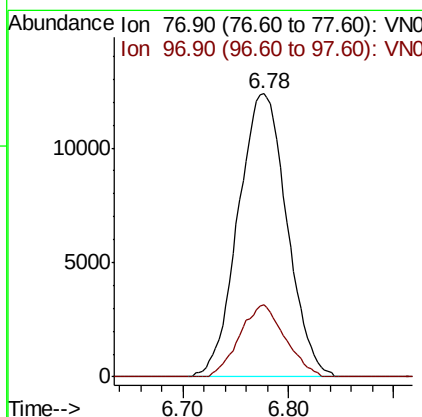
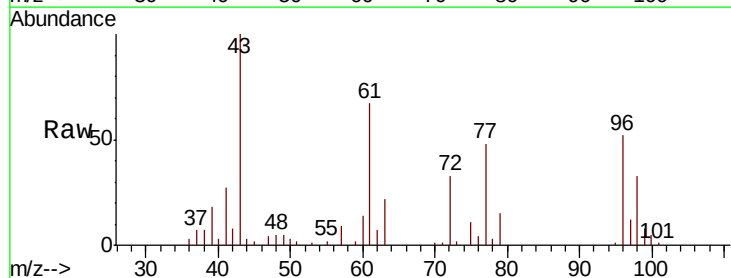
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

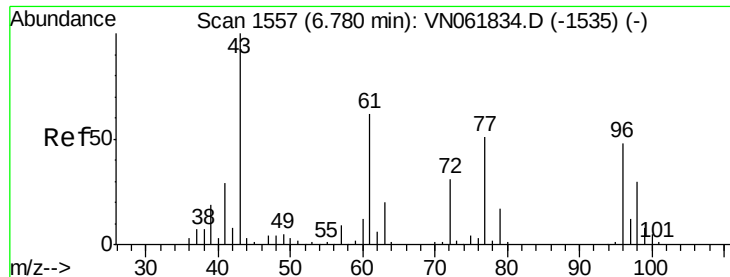
Tot Ion: 43 Resp: 89043
Ion Ratio Lower Upper
43 100
72 33.2 24.6 37.0



#26
2,2-Dichloropropane
Concen: 16.552 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 77 Resp: 39788
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.983 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

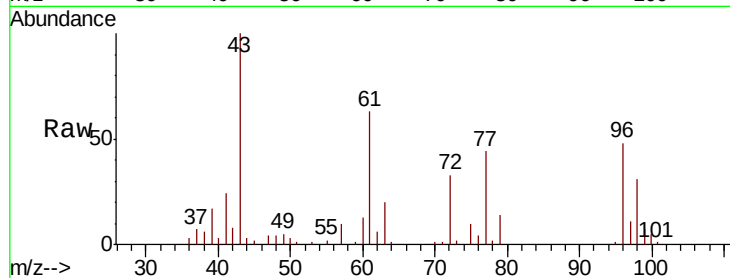
Tot Ion: 96 Resp: 39987

Ion Ratio Lower Upper

96 100

61 129.5 0.0 265.6

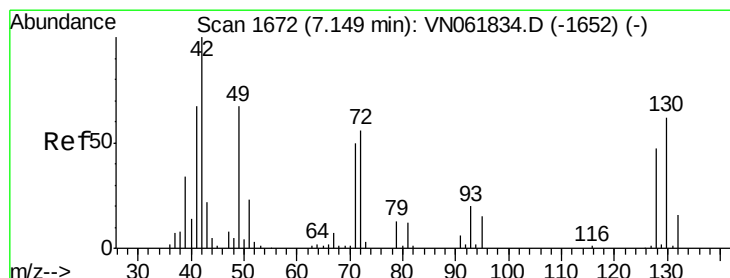
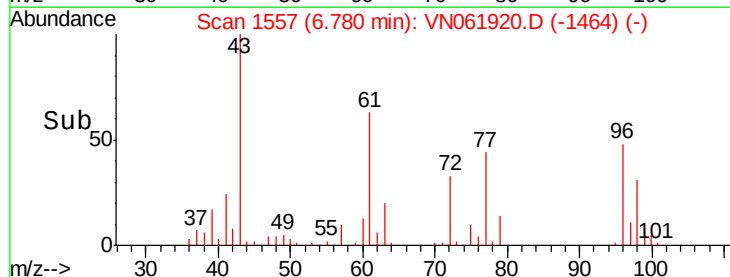
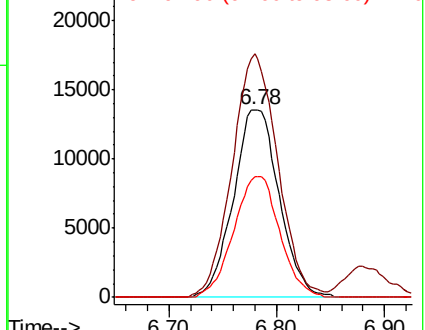
98 64.8 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.647 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

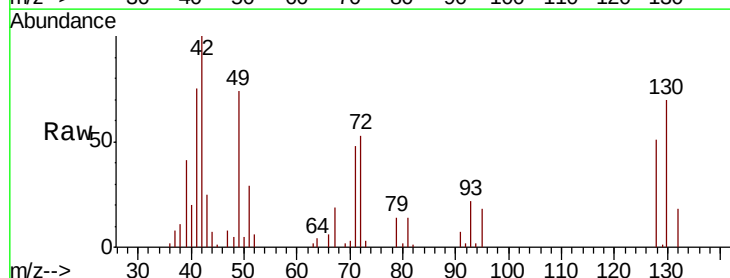
Tgt Ion: 49 Resp: 26266

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.0

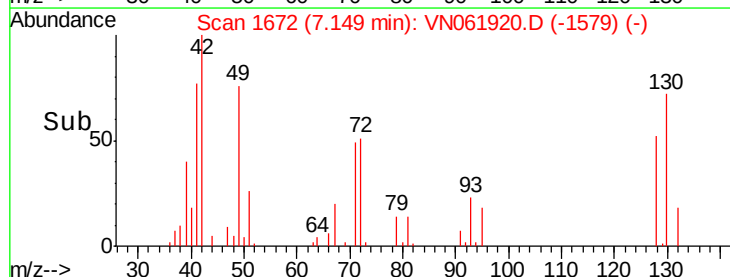
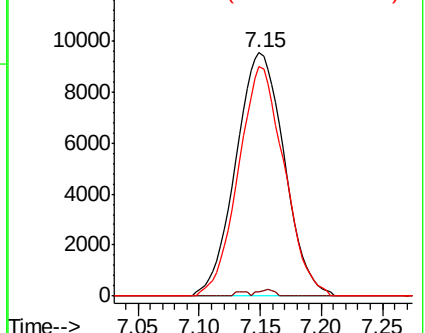
130 89.2 72.2 108.2

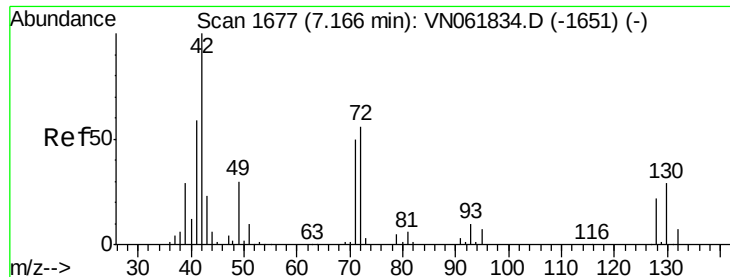


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

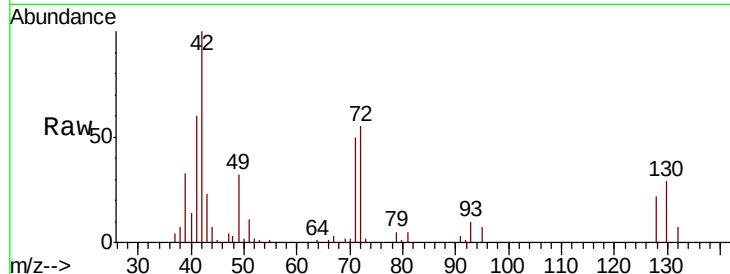




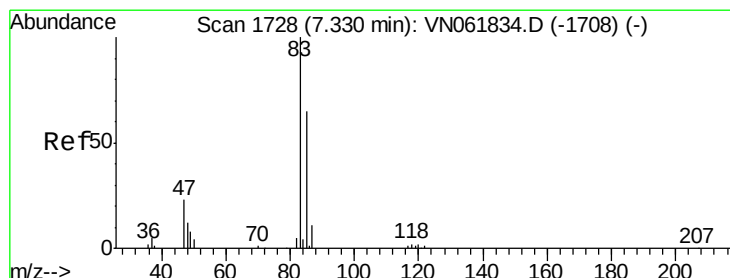
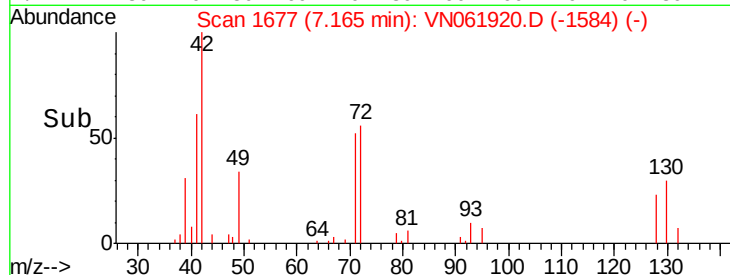
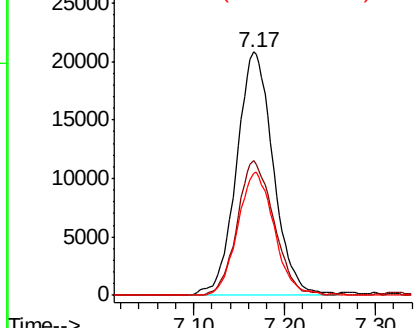
#29
Tetrahydrofuran
Concen: 108.701 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

Tot Ion: 42 Resp: 58514
Ion Ratio Lower Upper
42 100
72 55.1 44.0 66.0
71 50.0 40.0 60.0

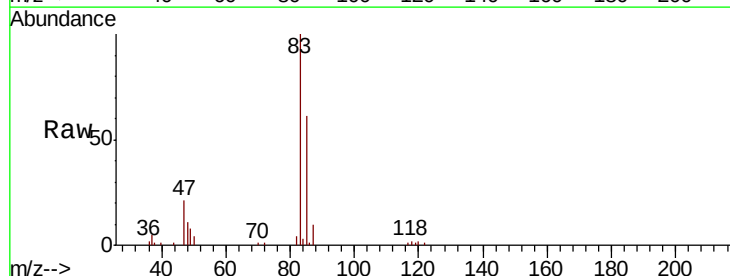


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

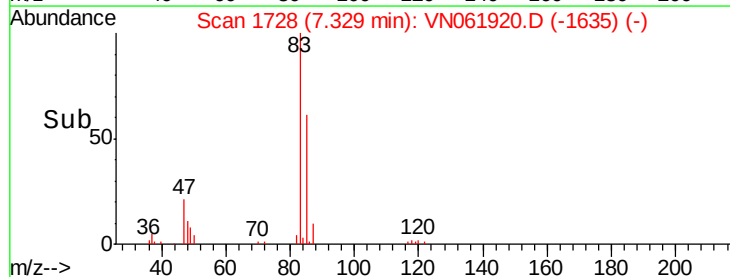
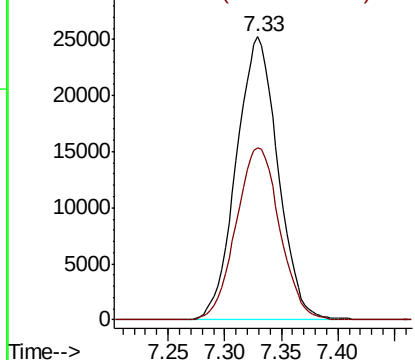


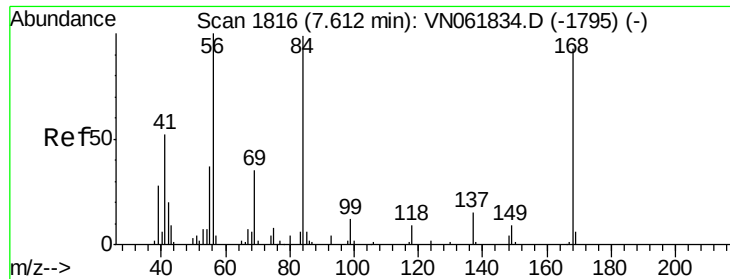
#30
Chloroform
Concen: 21.170 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 83 Resp: 64644
Ion Ratio Lower Upper
83 100
85 61.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

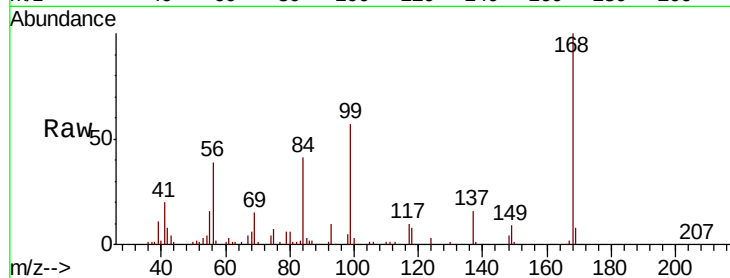




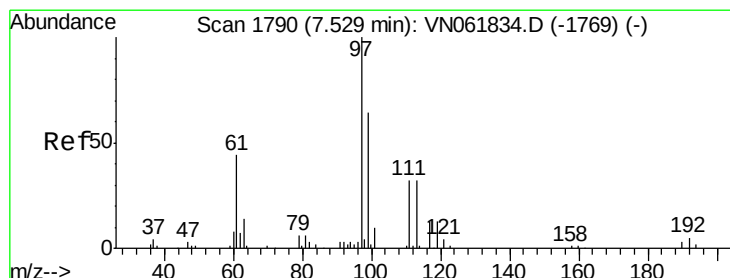
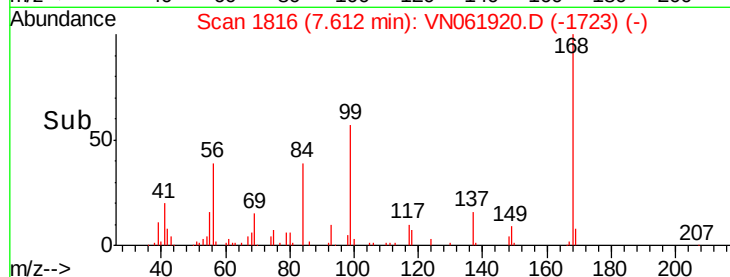
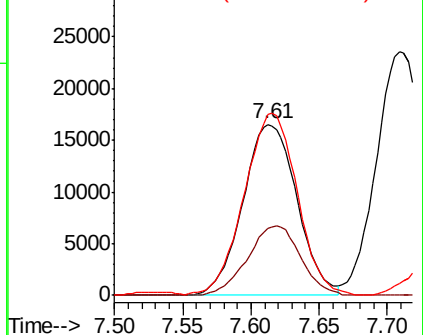
#31
Cyclohexane
Concen: 18.267 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

Tot Ion: 56 Resp: 45689
Ion Ratio Lower Upper
56 100
69 39.3 27.7 41.5
84 104.6 79.1 118.7

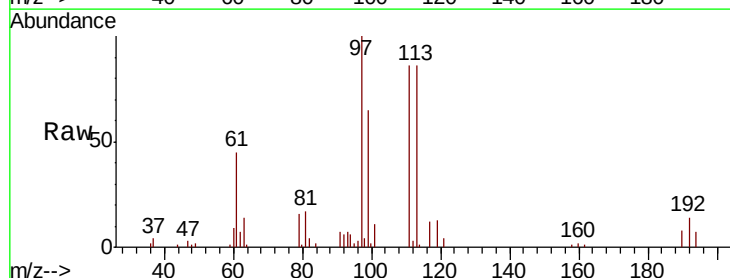


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

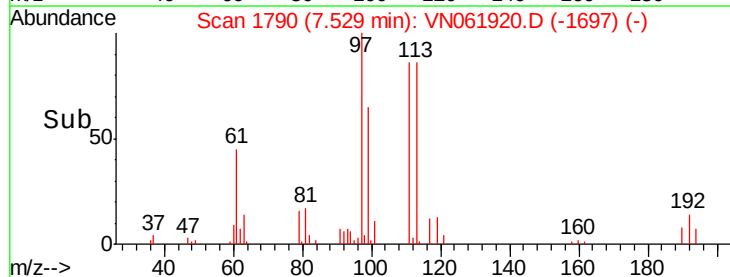
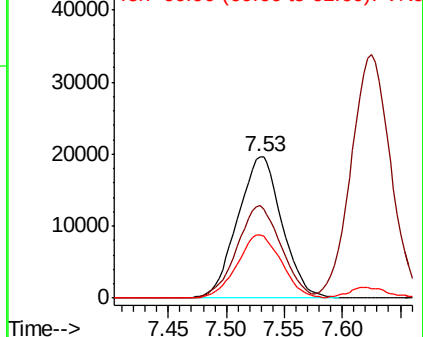


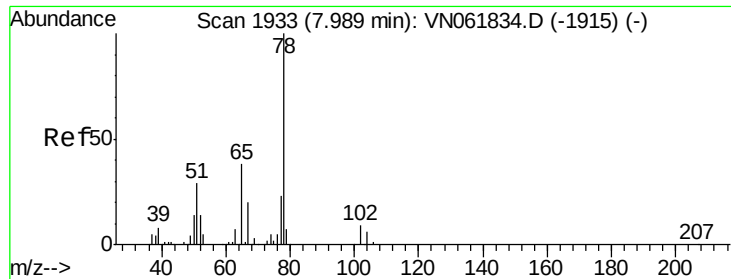
#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 97 Resp: 52261
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 44.5 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

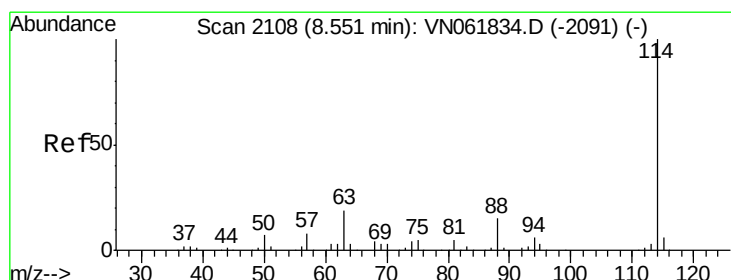
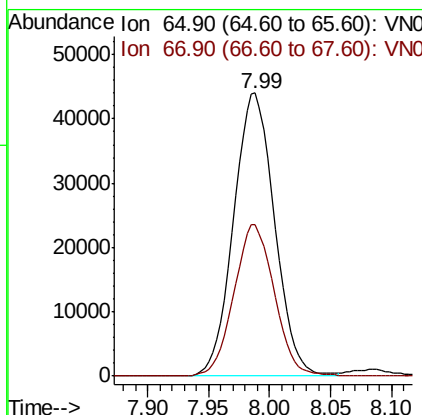
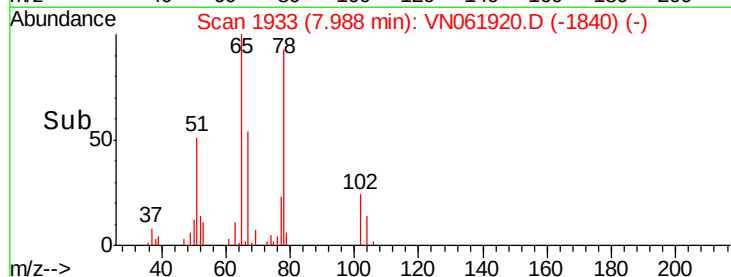
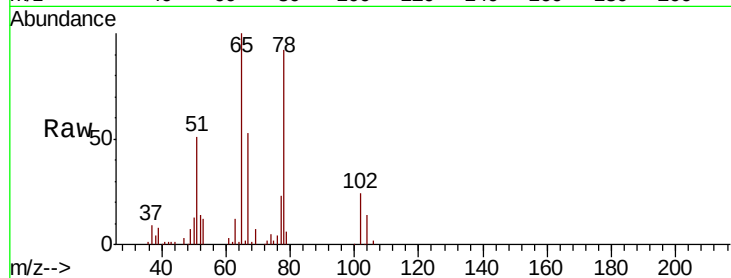




#33
 1,2-Dichloroethane-d4
 Concen: 53.966 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

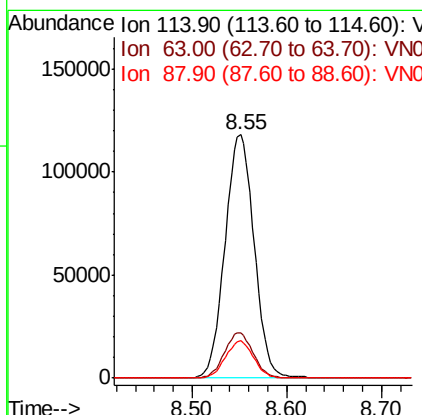
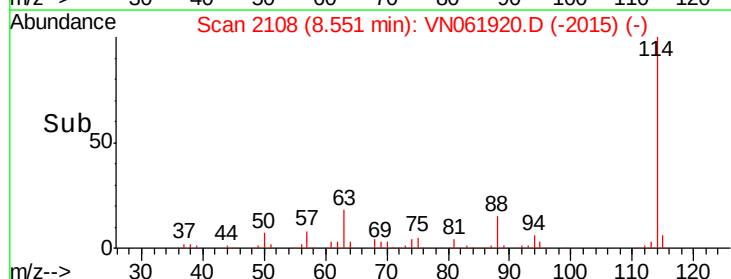
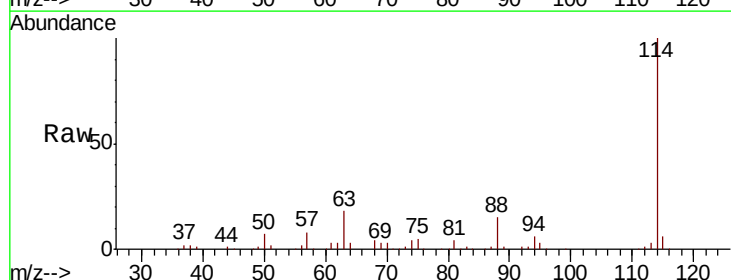
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

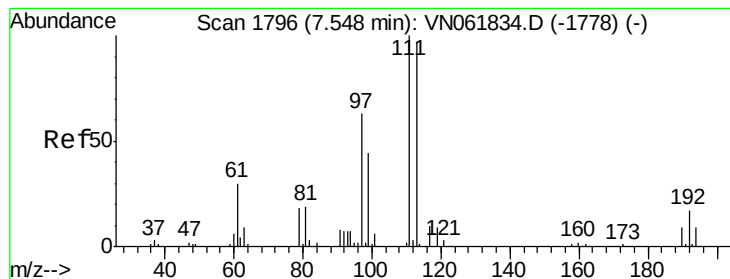
Tot Ion: 65 Resp: 102426
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 114 Resp: 252985
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.6
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.140 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

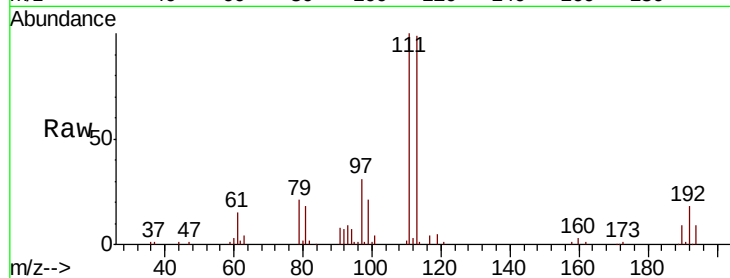
Tot Ion:113 Resp: 86005

Ion Ratio Lower Upper

113 100

111 101.9 83.7 125.5

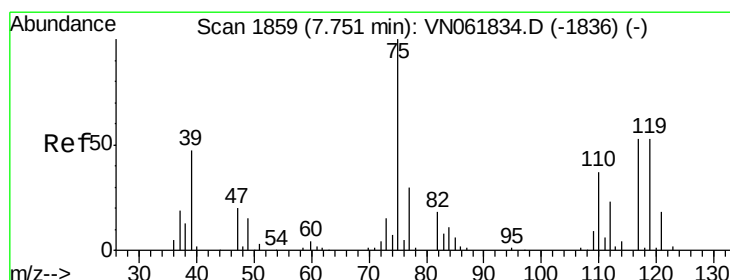
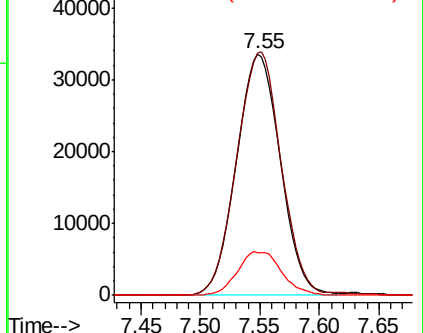
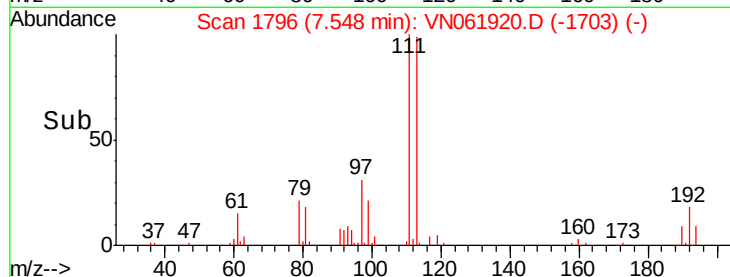
192 18.1 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.868 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

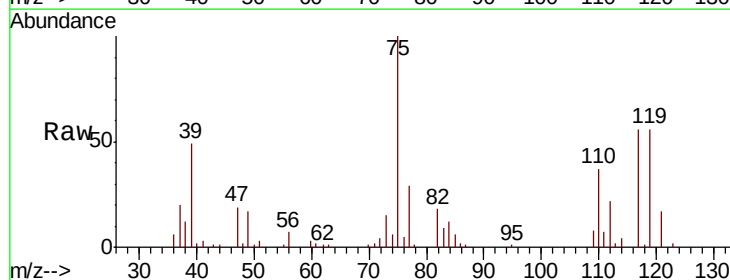
Tgt Ion: 75 Resp: 43537

Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

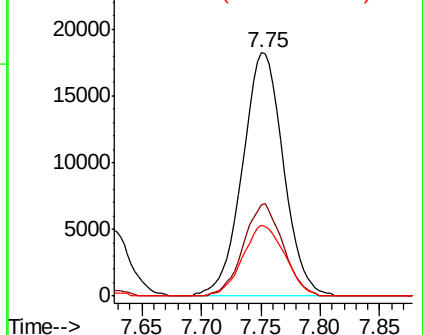
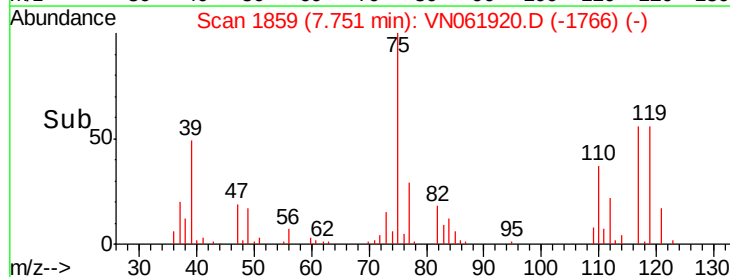
77 29.9 24.2 36.4

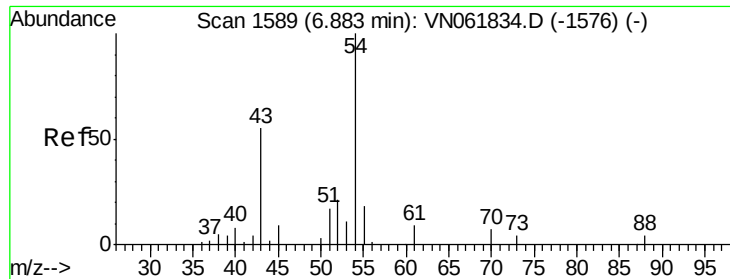


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

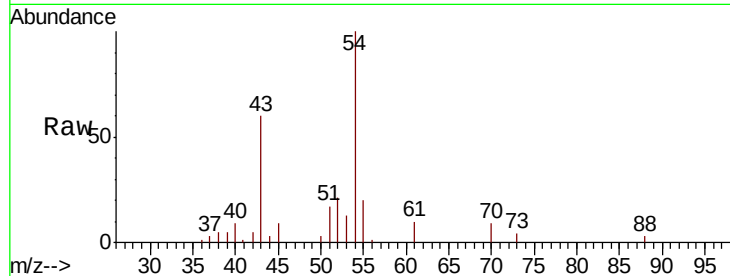




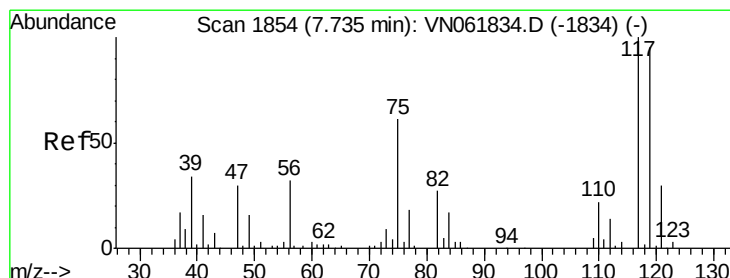
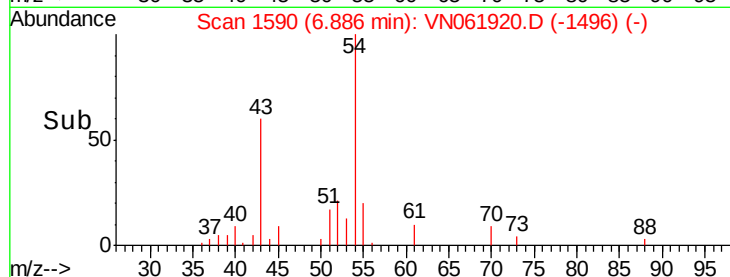
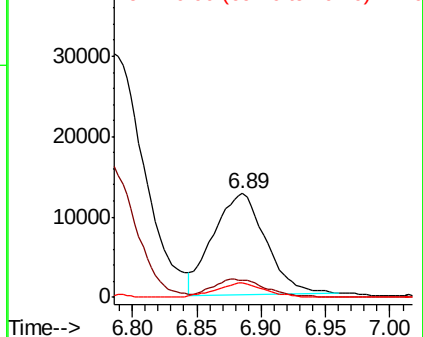
#37
Ethyl Acetate
Concen: 19.807 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

Tot Ion: 43 Resp: 35691
Ion Ratio Lower Upper
43 100
61 18.3 13.0 19.4
70 13.1 9.4 14.2

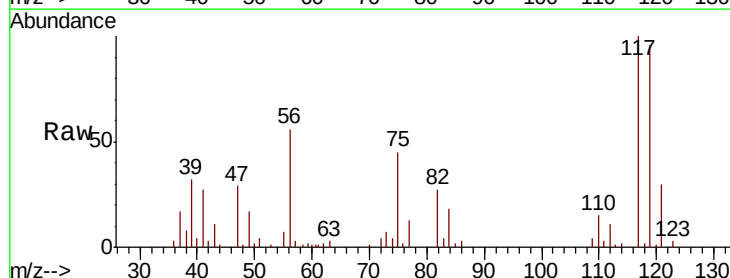


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)
Ion 60.90 (60.60 to 61.60): VN061834.D (-1576) (-)
Ion 70.00 (69.70 to 70.70): VN061834.D (-1576) (-)

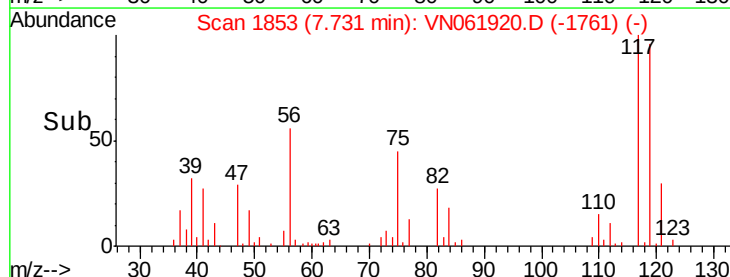
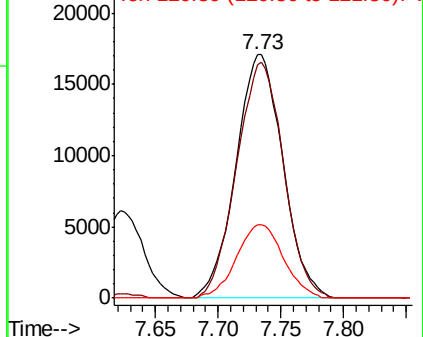


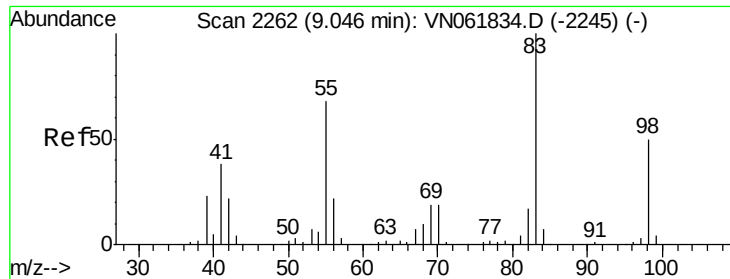
#38
Carbon Tetrachloride
Concen: 19.484 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 117 Resp: 44522
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.2 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)
Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)
Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)

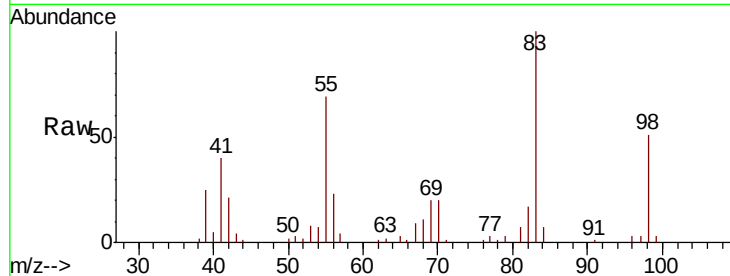




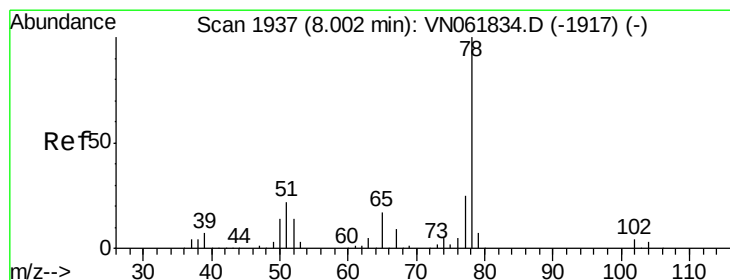
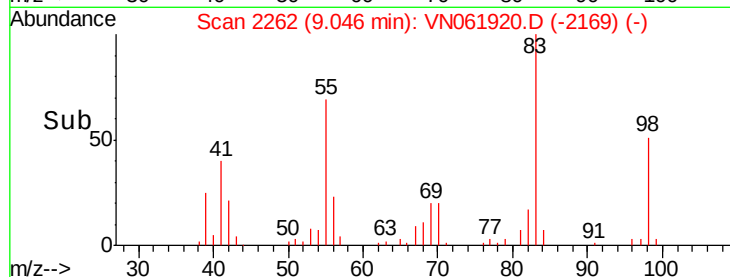
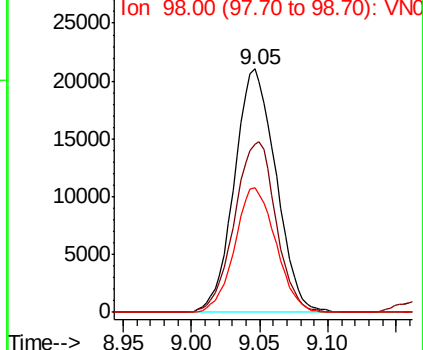
#39
Methylvlcyclohexane
Concen: 17.897 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

Tot Ion: 83 Resp: 44468
Ion Ratio Lower Upper
83 100
55 69.3 54.2 81.4
98 51.0 39.8 59.6

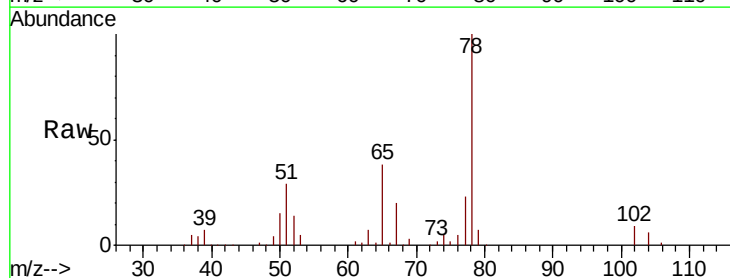


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

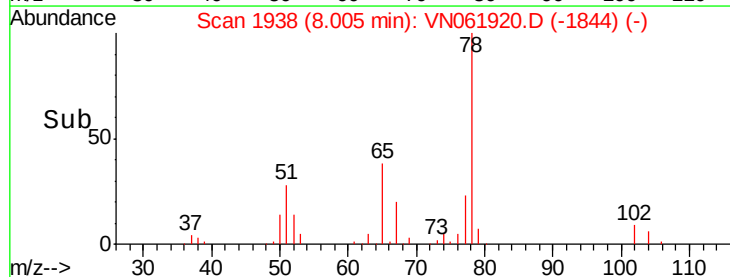
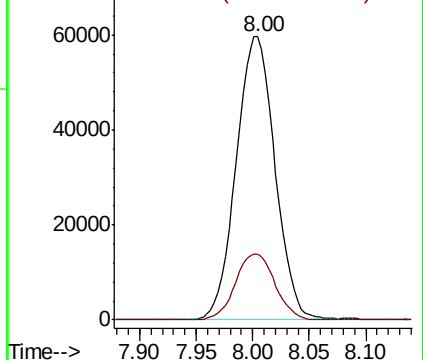


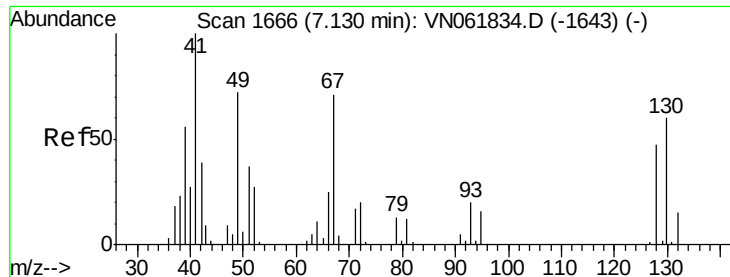
#40
Benzene
Concen: 20.389 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 78 Resp: 142517
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

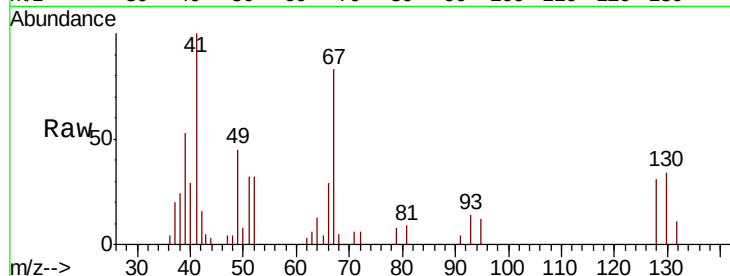




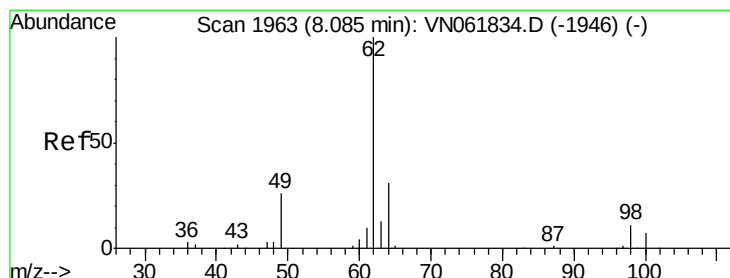
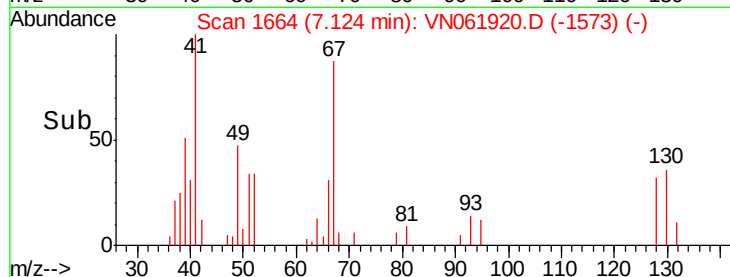
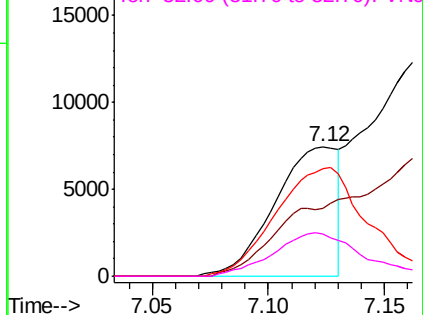
#41
Methacrylonitrile
Concen: 18.348 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

Tot Ion: 41 Resp: 14138
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 122.1 0.0 0.0#
52 47.1 0.0 0.0#

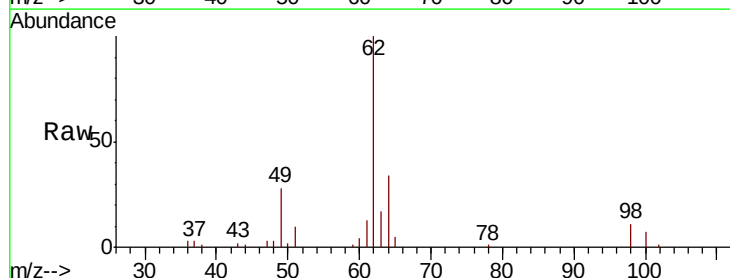


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

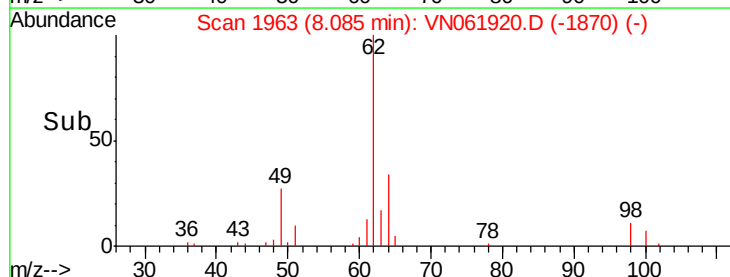
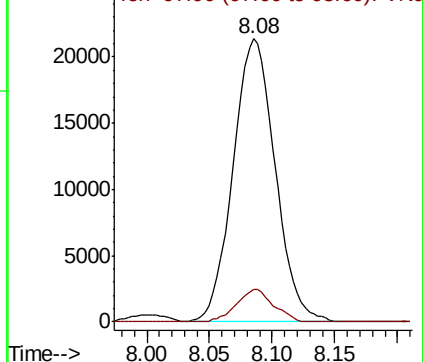


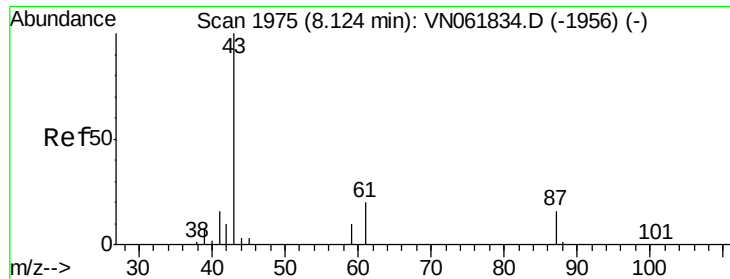
#42
1,2-Dichloroethane
Concen: 20.949 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 62 Resp: 49929
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.399 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

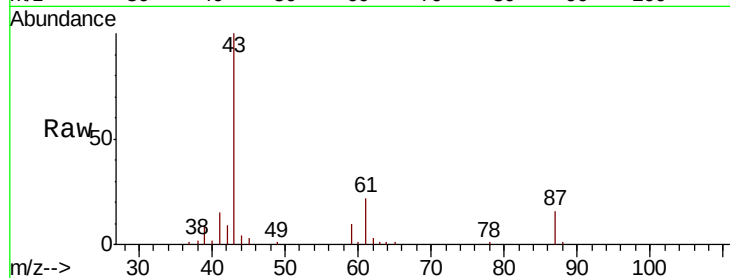
Tot Ion: 43 Resp: 61945

Ion Ratio Lower Upper

43 100

61 22.5 24.0 36.0#

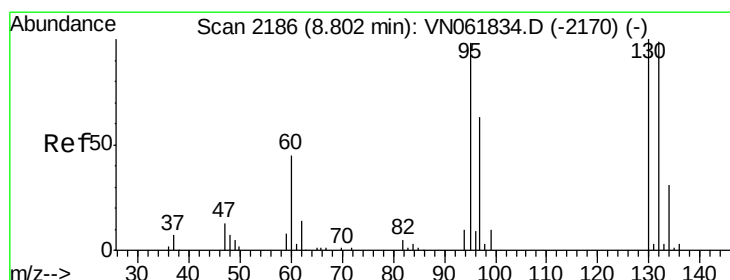
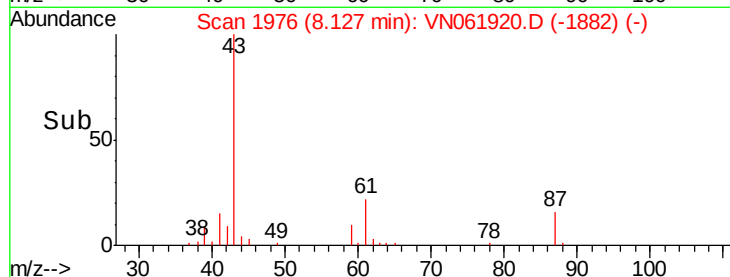
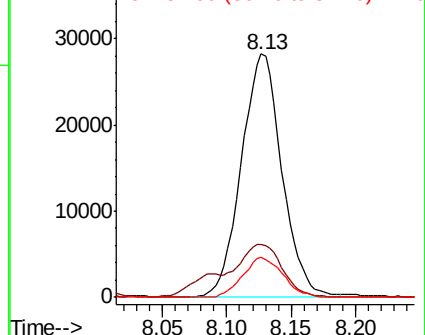
87 16.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 19.496 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061920.D

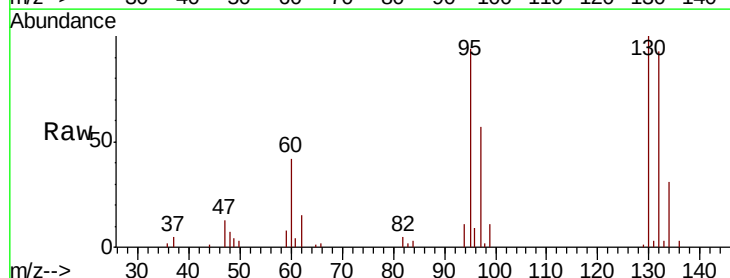
Acq: 19 Jun 2020 00:29

Tgt Ion:130 Resp: 35865

Ion Ratio Lower Upper

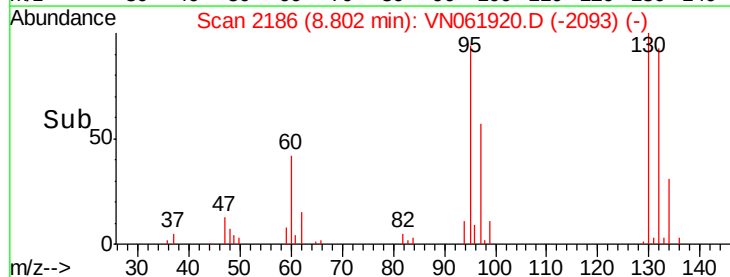
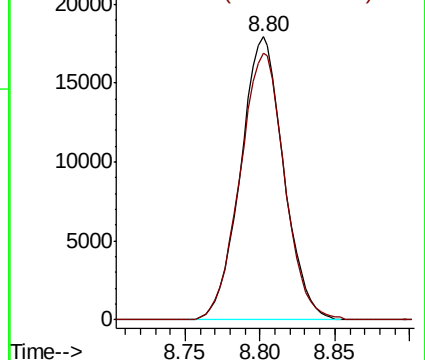
130 100

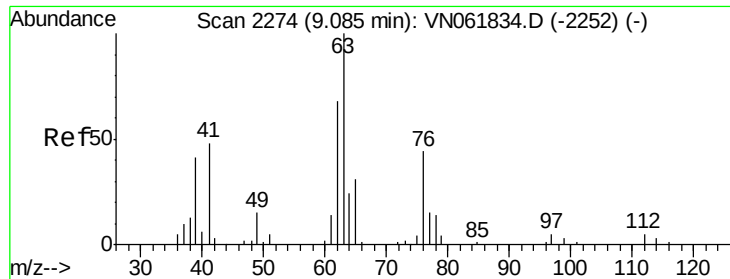
95 94.3 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

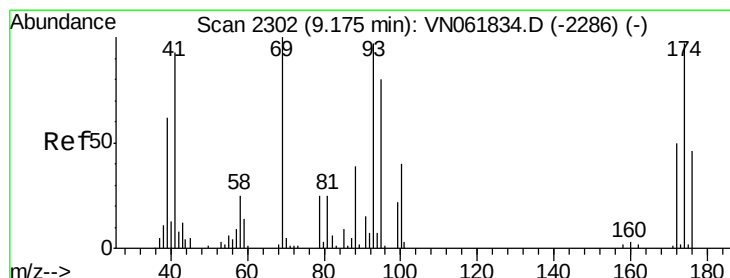
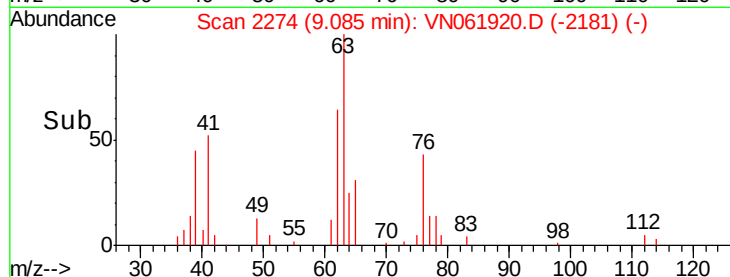
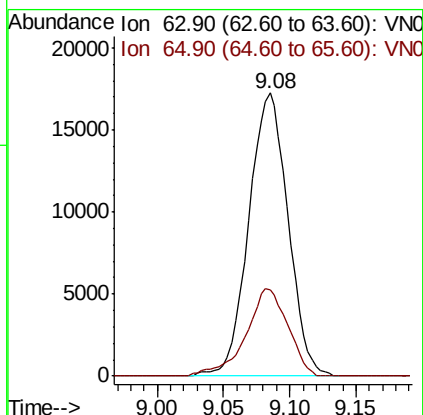
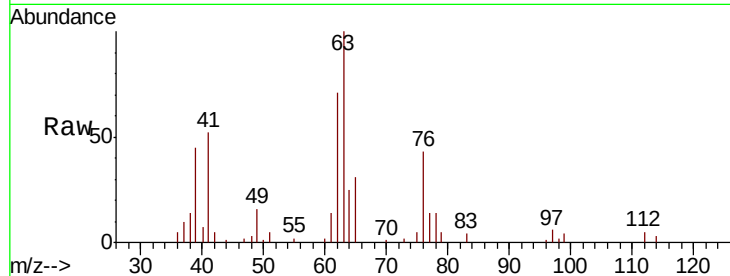




#45
 1,2-Dichloropropane
 Concen: 20.646 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

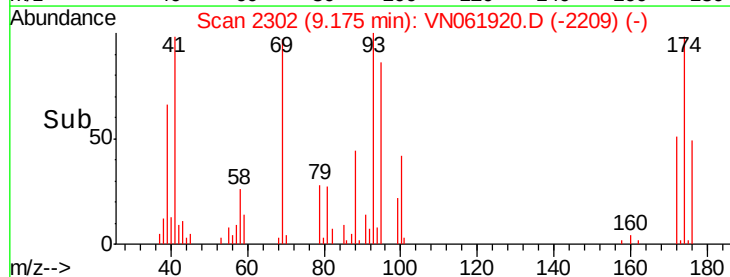
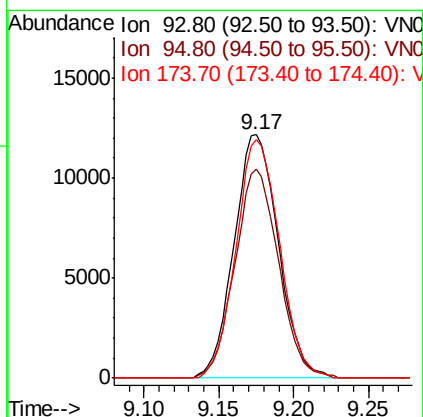
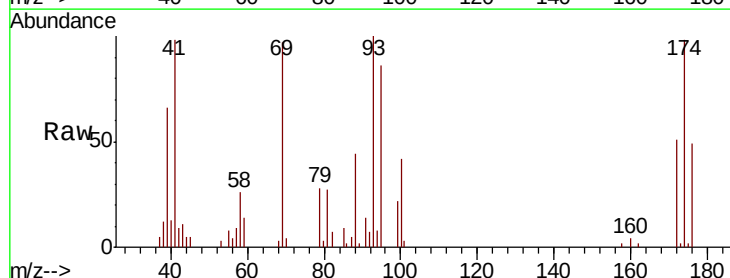
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

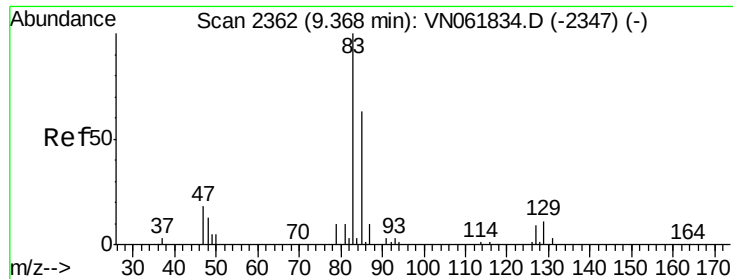
Tot Ion: 63 Resp: 35465
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 20.790 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 93 Resp: 25148
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.8 98.6
 174 96.1 78.5 117.7





#47

Bromodichloromethane

Concen: 20.463 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampled :

VN0618WBSD02

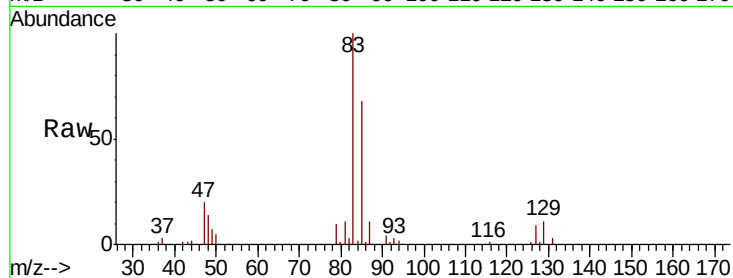
Tot Ion: 83 Resp: 50686

Ion Ratio Lower Upper

83 100

85 67.5 50.8 76.2

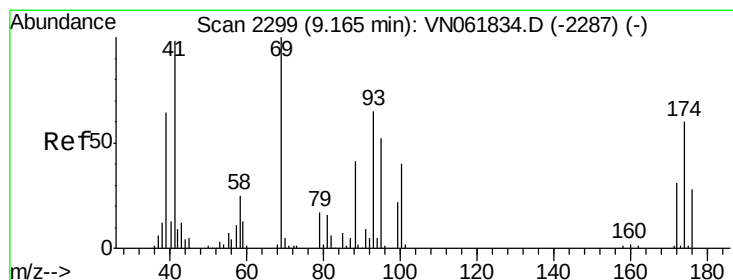
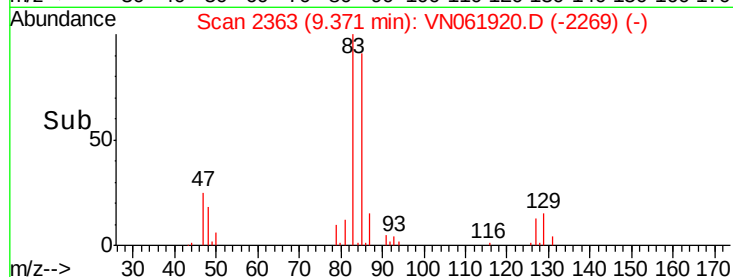
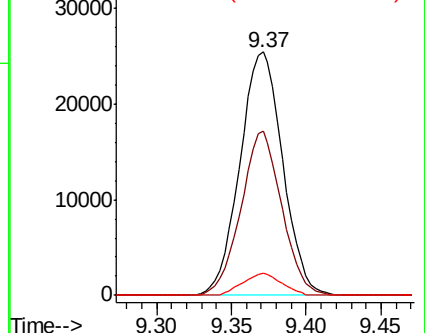
127 9.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)



#48

Methyl methacrylate

Concen: 19.630 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

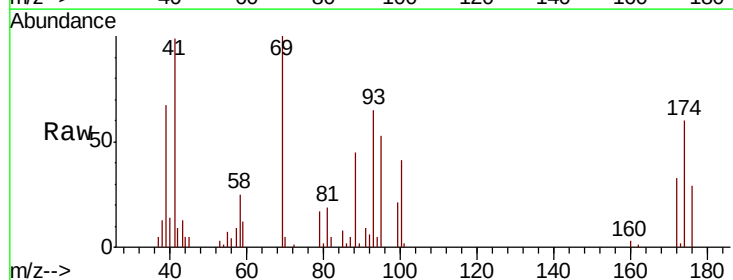
Tgt Ion: 41 Resp: 27109

Ion Ratio Lower Upper

41 100

69 106.0 83.0 124.4

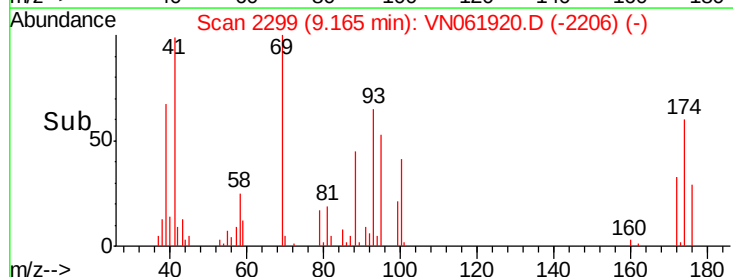
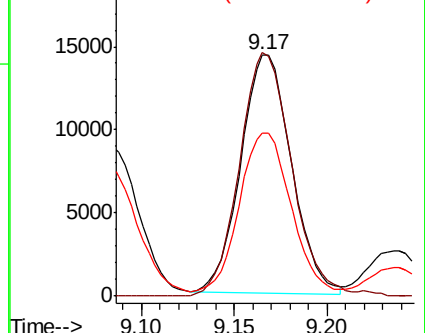
39 71.6 55.1 82.7

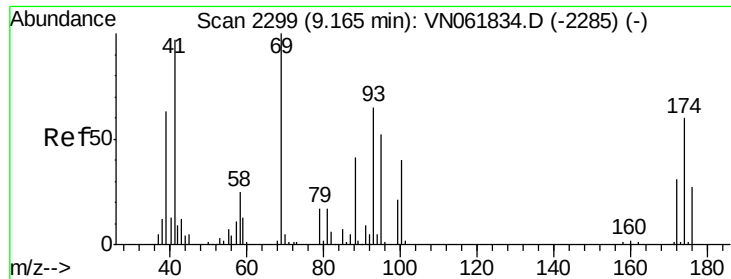


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)





#49

1,4-Dioxane

Concen: 425.099 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

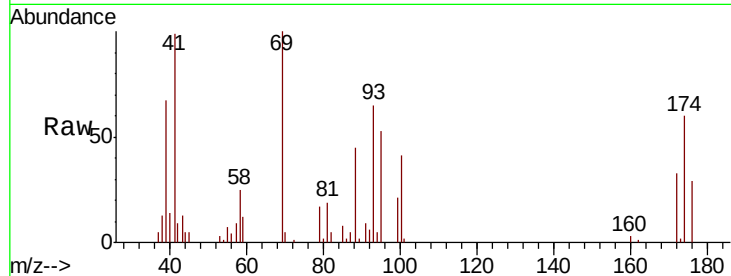
Tot Ion: 88 Resp: 13478

Ion Ratio Lower Upper

88 100

43 27.3 23.4 35.2

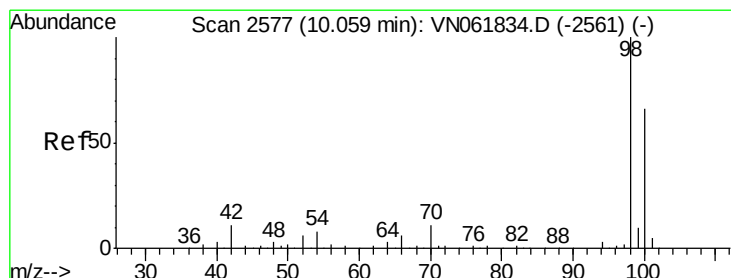
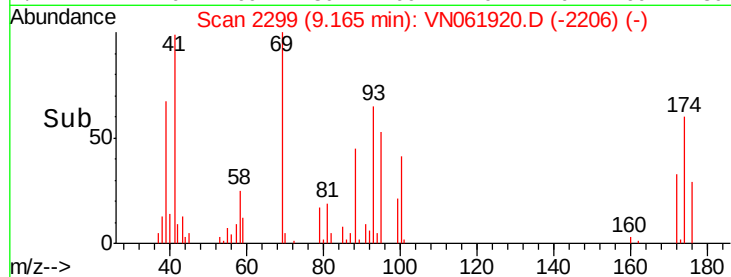
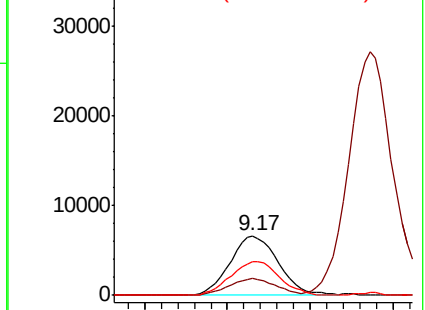
58 56.9 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061920.D

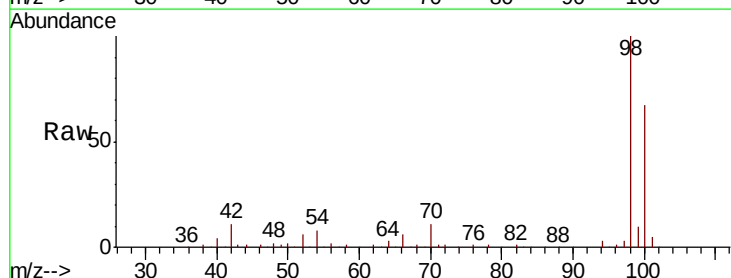
Acq: 19 Jun 2020 00:29

Tgt Ion: 98 Resp: 320093

Ion Ratio Lower Upper

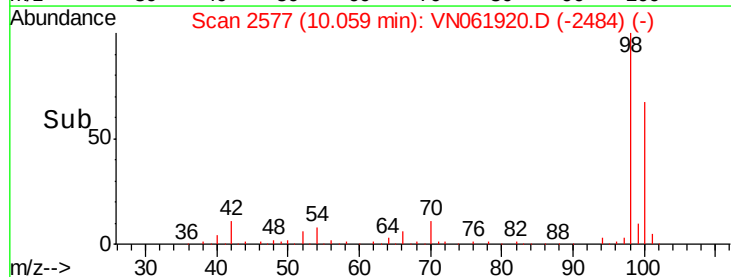
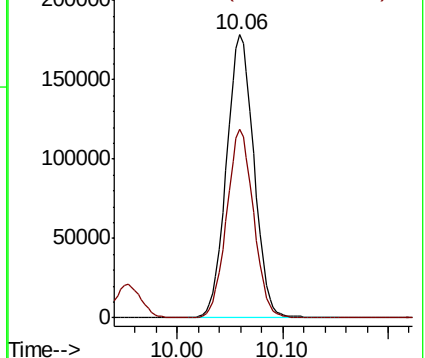
98 100

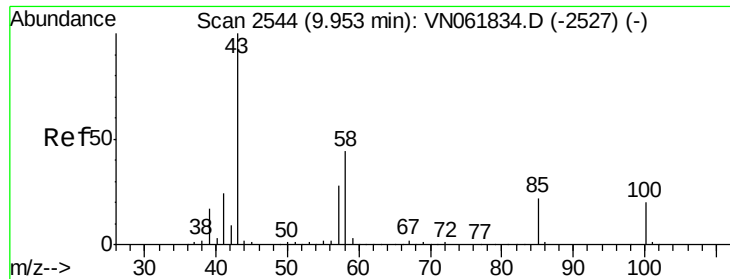
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 105.302 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleID :

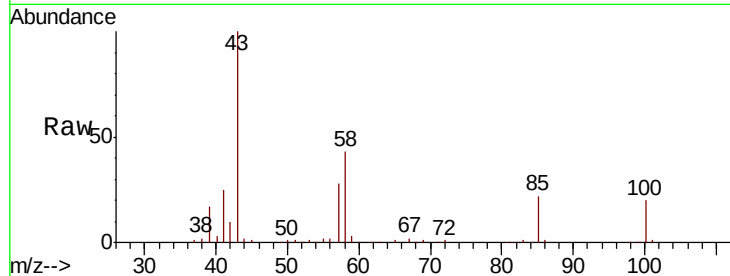
VN0618WBSD02

Tot Ion: 43 Resp: 188962

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

120000

100000

80000

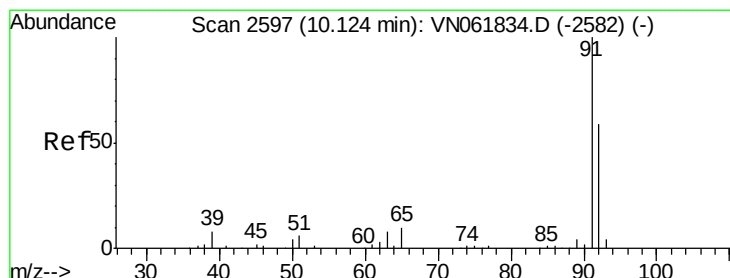
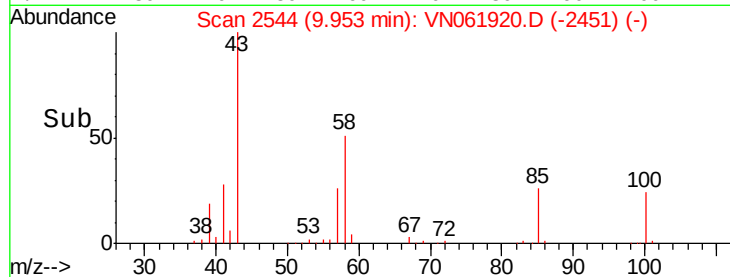
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.008 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061920.D

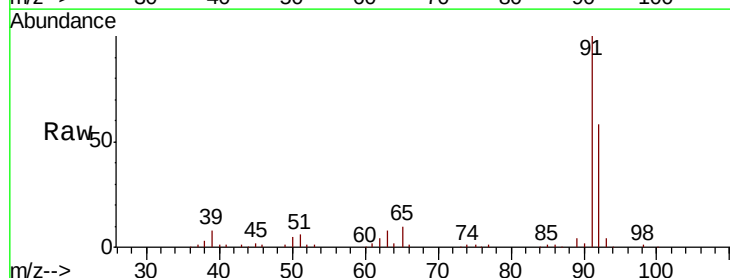
Acq: 19 Jun 2020 00:29

Tgt Ion: 92 Resp: 87833

Ion Ratio Lower Upper

92 100

91 173.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

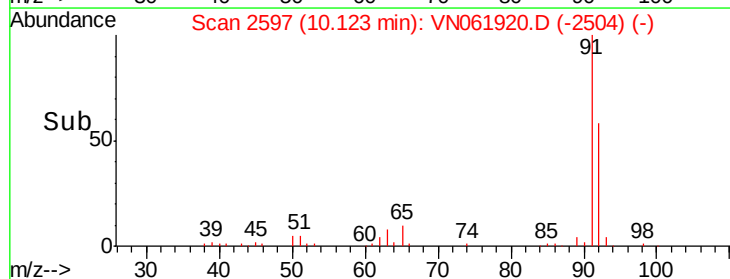
60000

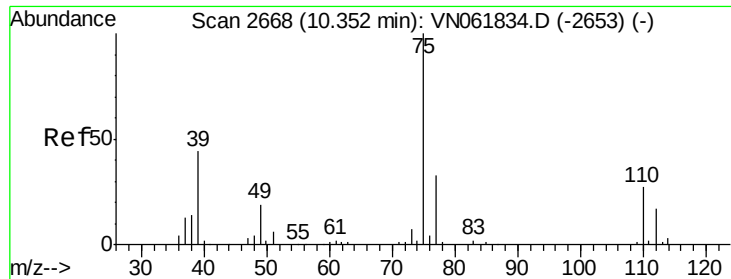
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.951 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

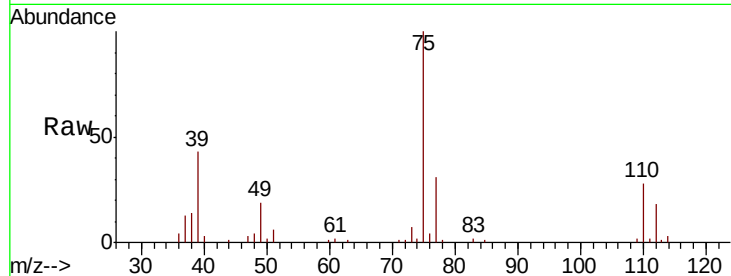
VN0618WBSD02

Tot Ion: 75 Resp: 49830

Ion Ratio Lower Upper

75 100

77 30.8 26.3 39.5

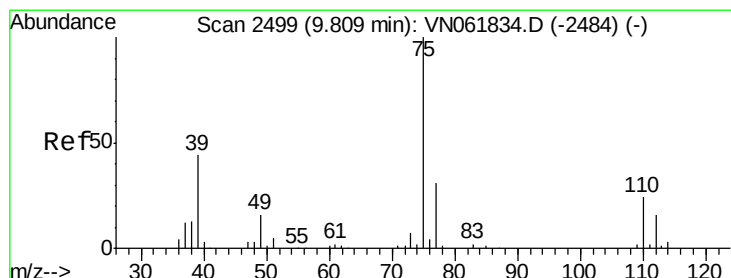
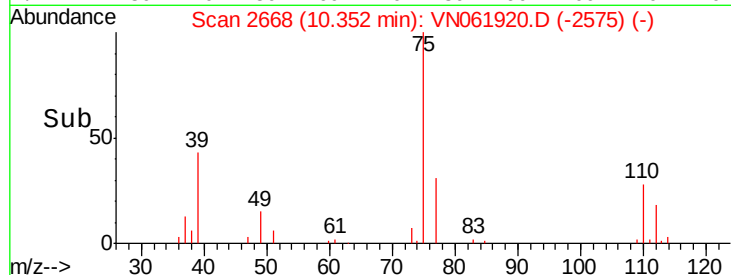


Abundance Ion 74.90 (74.60 to 75.60): VN061920.D (-2575) (-)

Ion 76.90 (76.60 to 77.60): VN061920.D (-2575) (-)

10.35

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.457 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

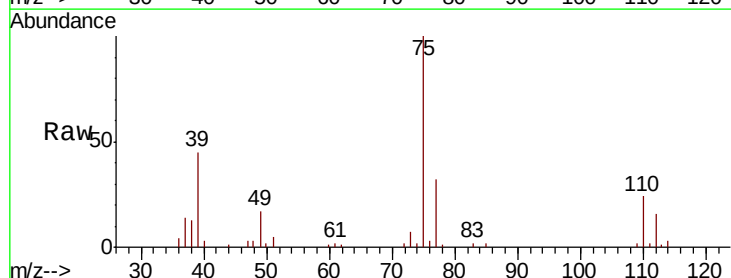
Tgt Ion: 75 Resp: 55569

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 45.4 35.4 53.0



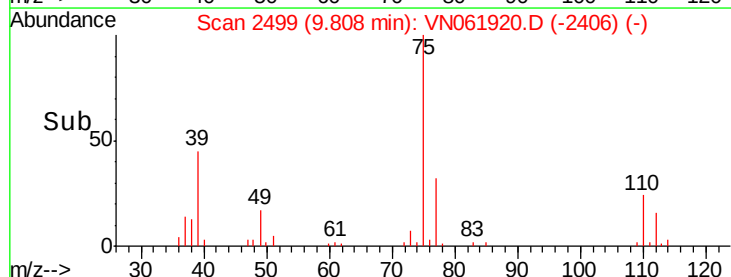
Abundance Ion 74.90 (74.60 to 75.60): VN061920.D (-2406) (-)

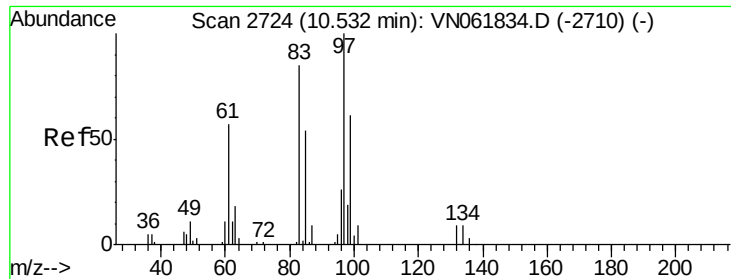
Ion 76.90 (76.60 to 77.60): VN061920.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN061920.D (-2406) (-)

9.81

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.711 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

Tot Ion: 97 Resp: 37499

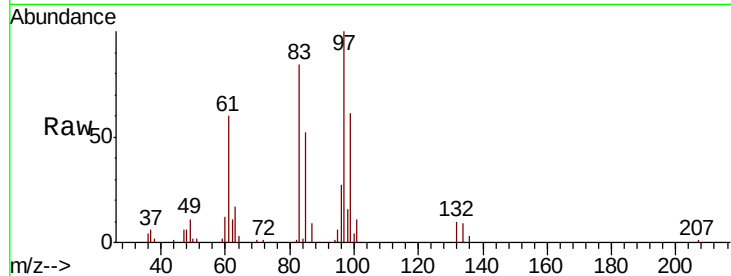
Ion Ratio Lower Upper

97 100

83 84.2 67.7 101.5

85 52.4 43.4 65.0

99 60.8 48.8 73.2



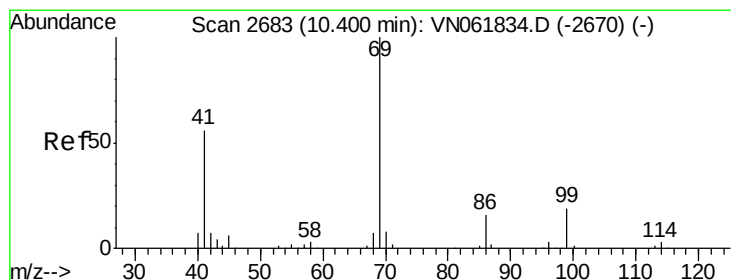
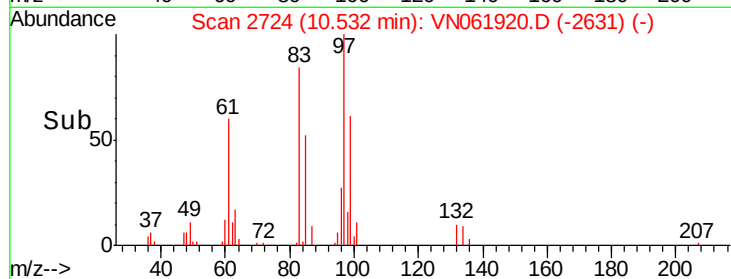
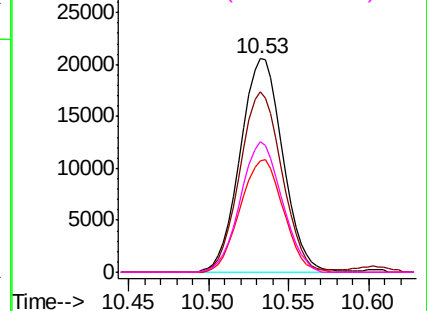
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.709 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

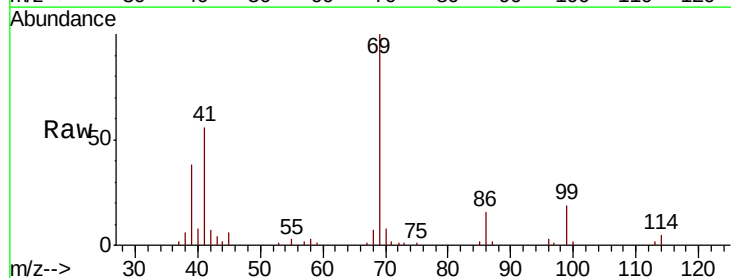
Tgt Ion: 69 Resp: 47073

Ion Ratio Lower Upper

69 100

41 57.4 44.9 67.3

39 38.6 30.0 45.0

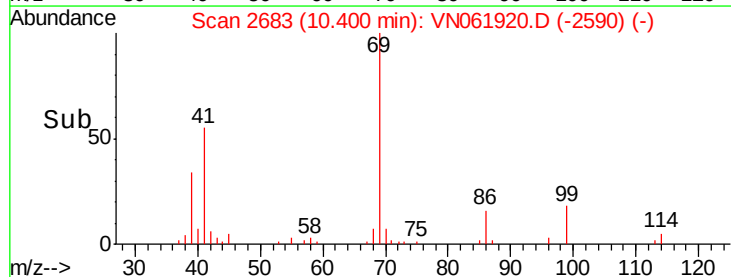
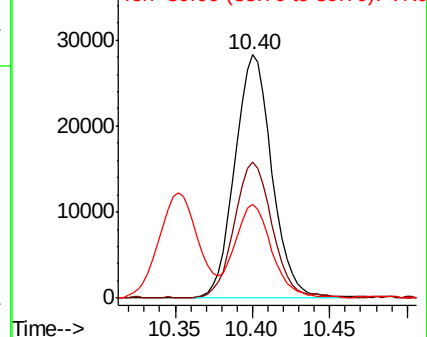


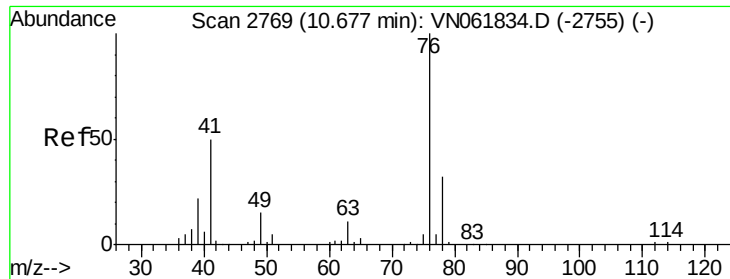
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

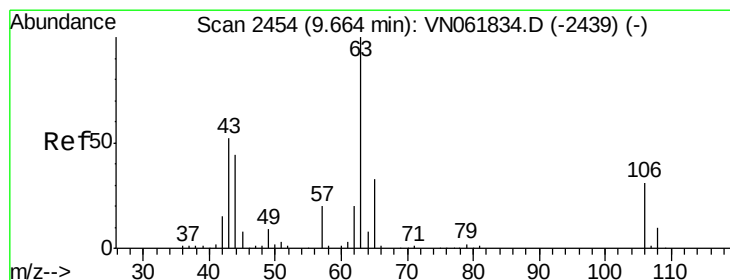
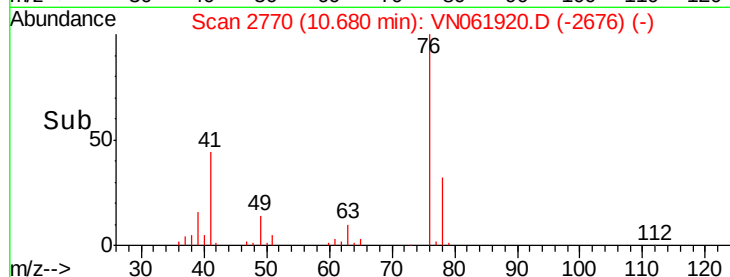
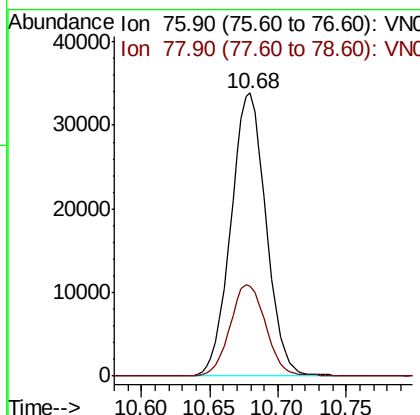
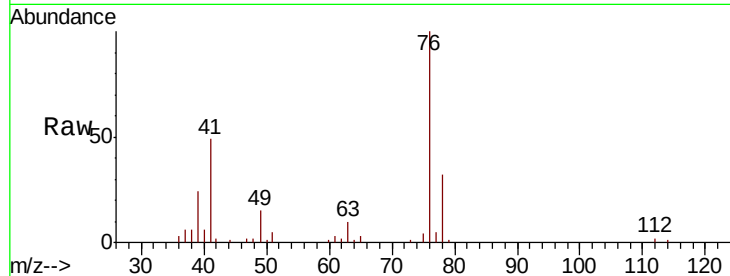




#57
 1,3-Dichloropropane
 Concen: 20.704 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

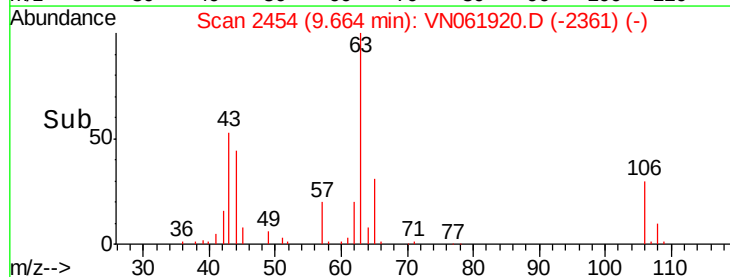
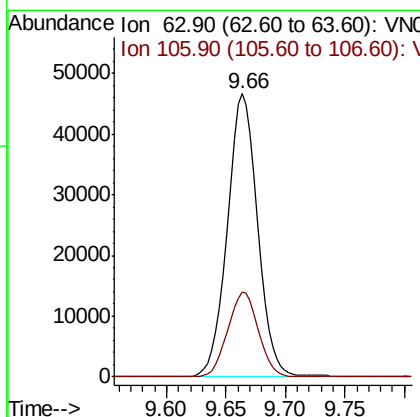
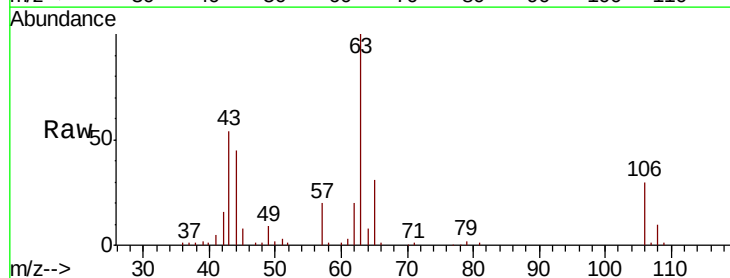
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

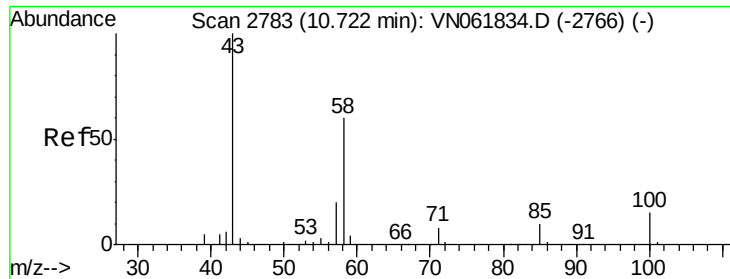
Tot Ion: 76 Resp: 60583
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.164 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 63 Resp: 82190
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8

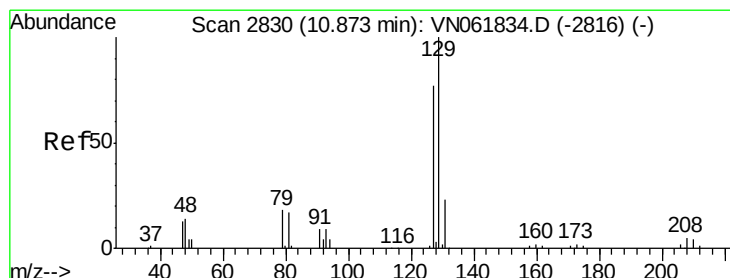
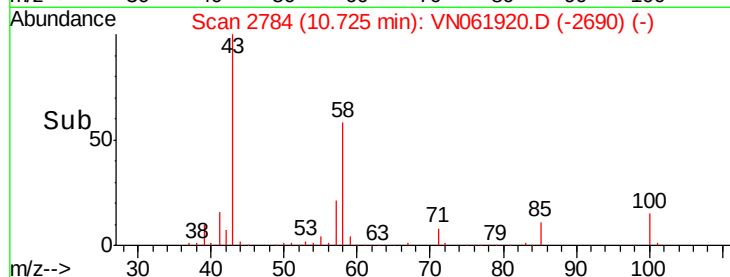
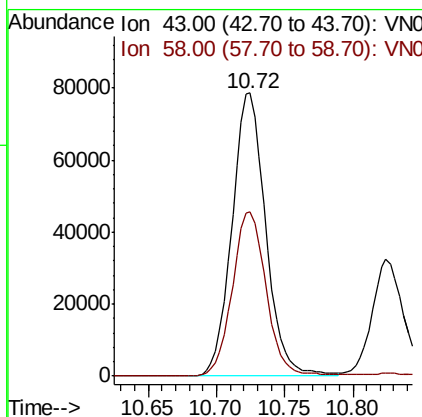
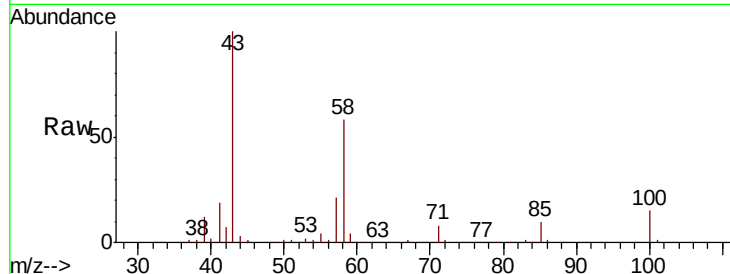




#59
2-Hexanone
Concen: 102.619 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

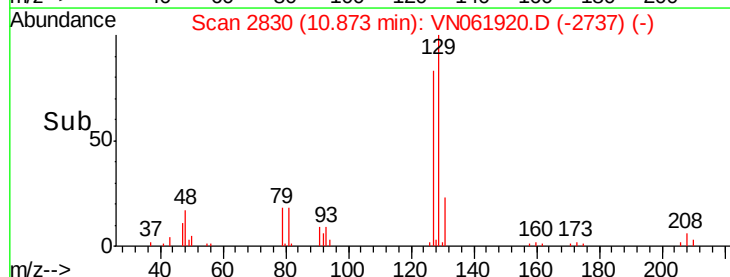
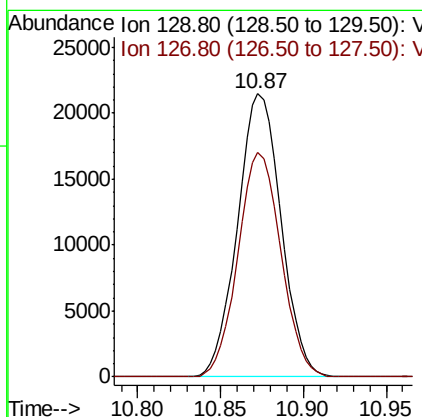
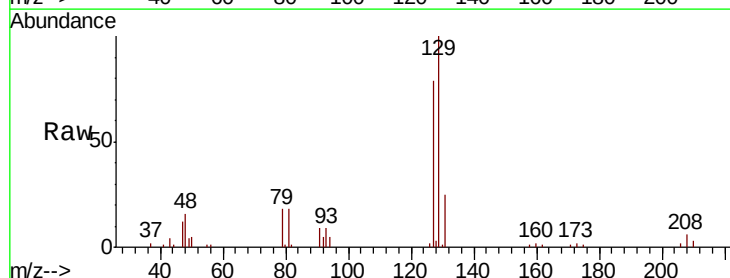
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

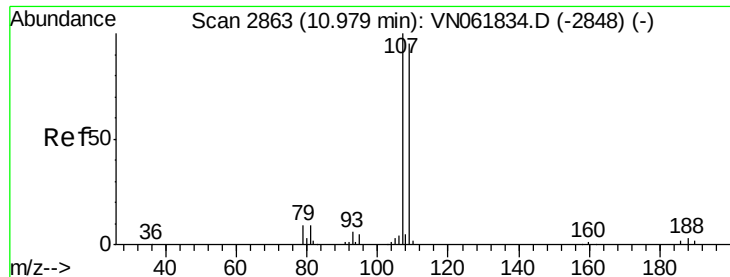
Tot Ion: 43 Resp: 135145
Ion Ratio Lower Upper
43 100
58 58.1 30.1 90.5



#60
Dibromochloromethane
Concen: 20.385 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion:129 Resp: 39287
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

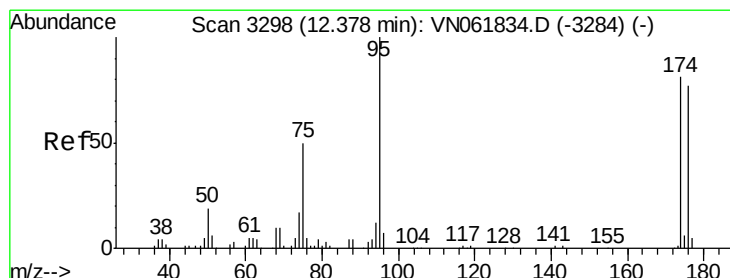
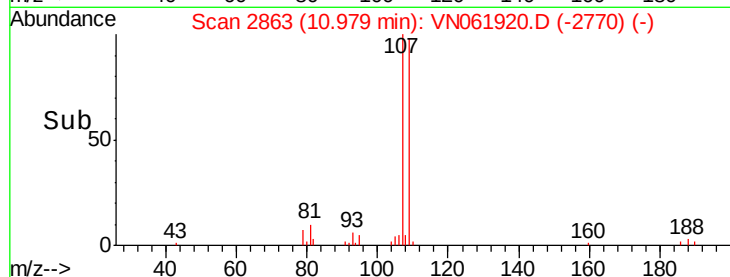
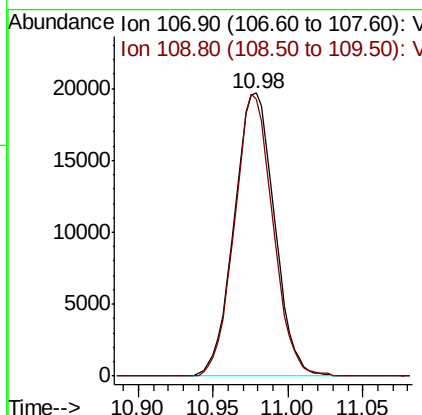
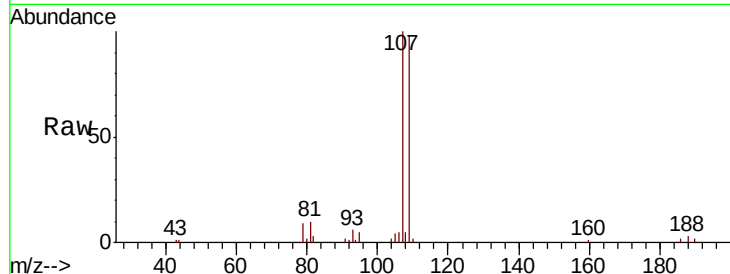




#61
 1,2-Dibromoethane
 Concen: 20.450 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

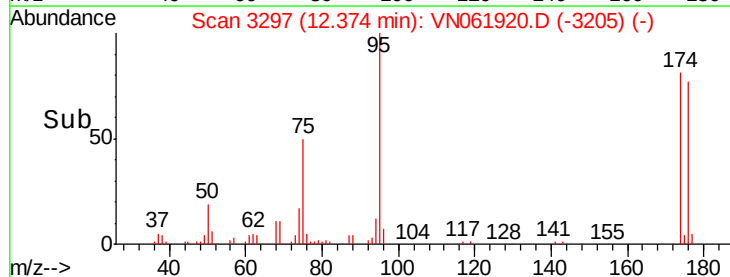
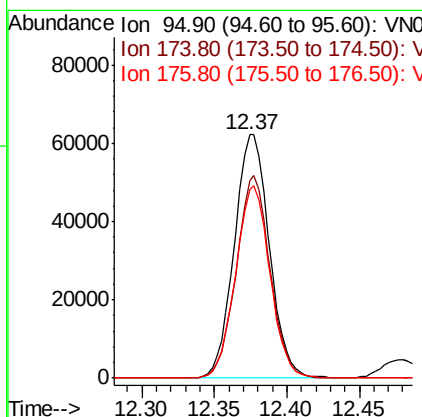
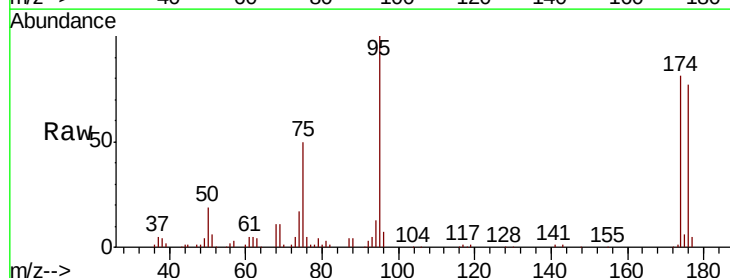
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

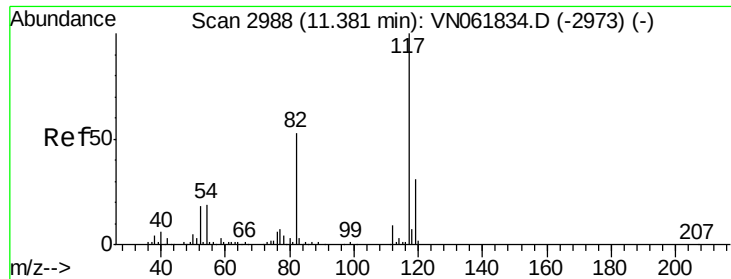
Tot Ion: 107 Resp: 36883
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.943 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 95 Resp: 104639
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 158.6
 176 77.3 0.0 152.0

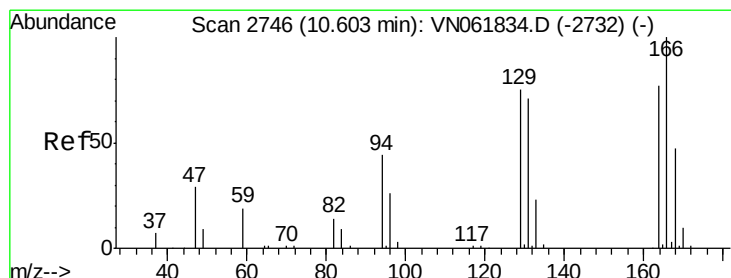
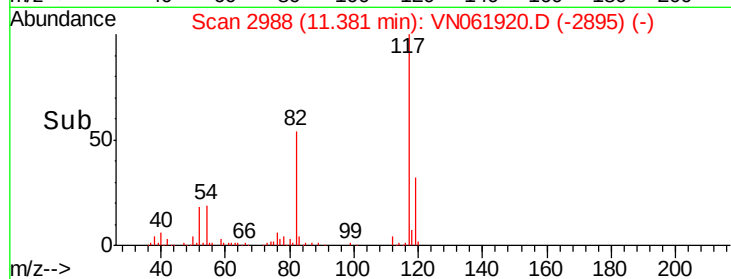
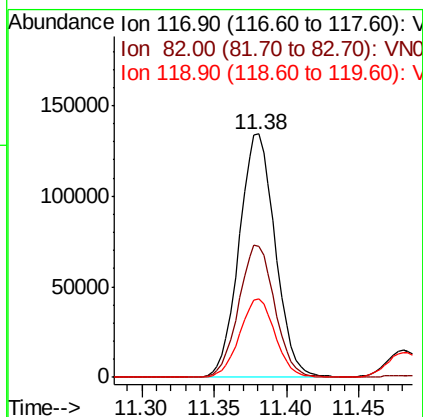
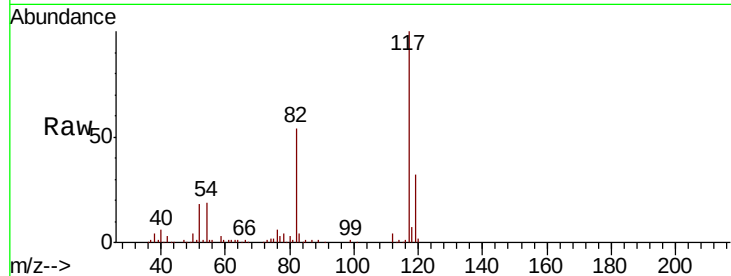




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

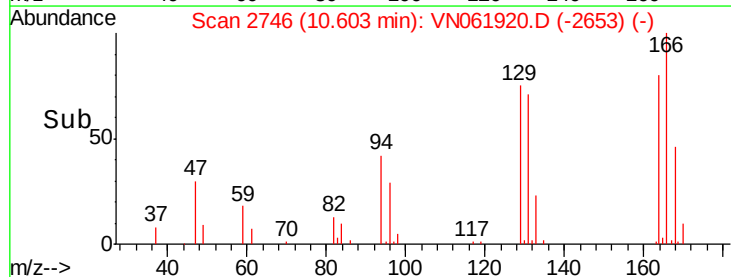
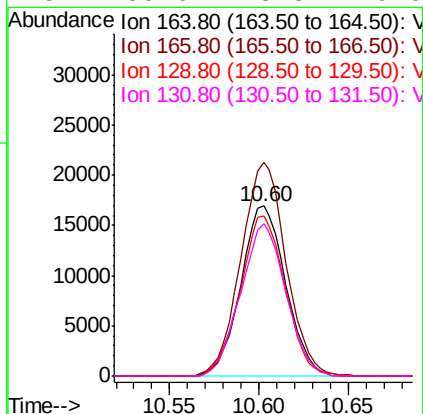
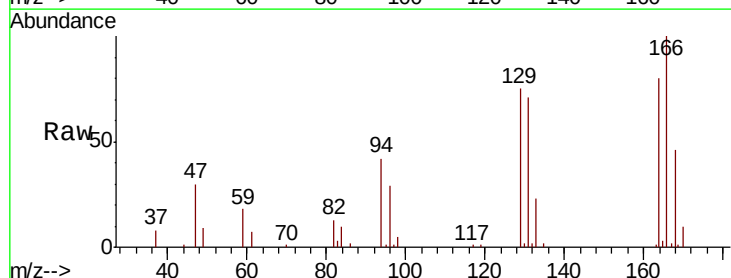
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

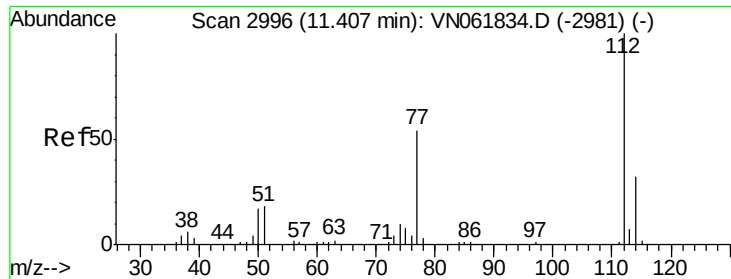
Tot Ion:117 Resp: 232540
Ion Ratio Lower Upper
117 100
82 54.0 42.6 64.0
119 32.4 24.7 37.1



#64
Tetrachloroethene
Concen: 20.000 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion:164 Resp: 29643
Ion Ratio Lower Upper
164 100
166 125.6 103.5 155.3
129 94.4 77.5 116.3
131 89.6 73.8 110.8

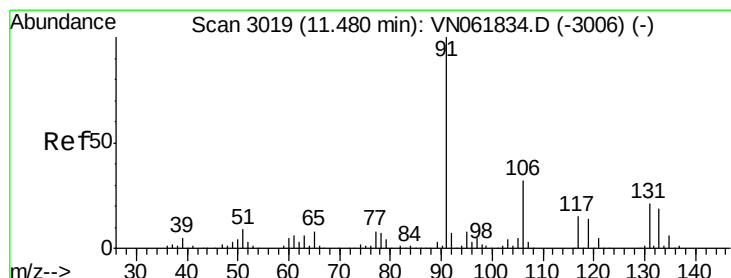
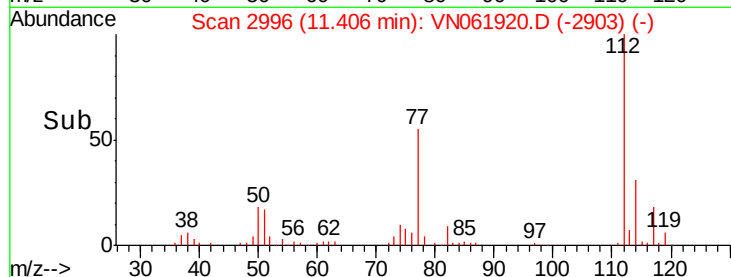
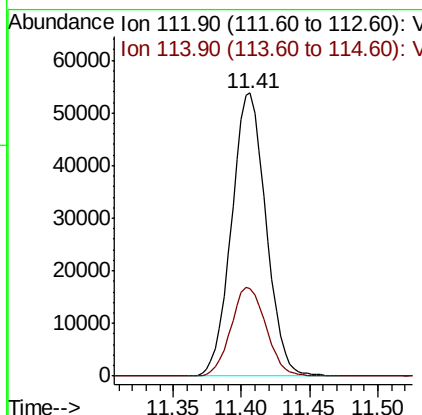
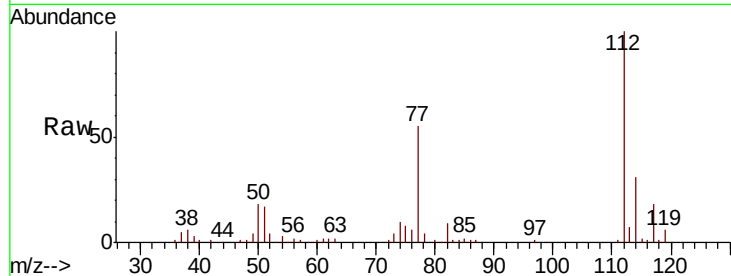




#65
Chlorobenzene
Concen: 19.217 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

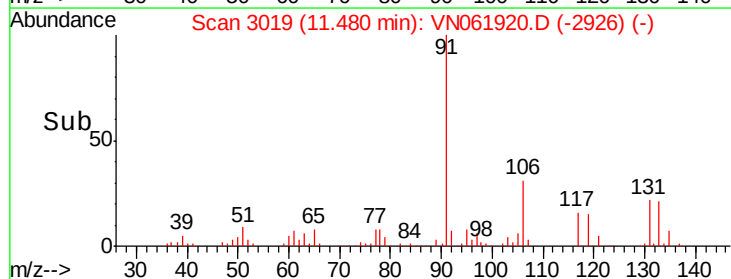
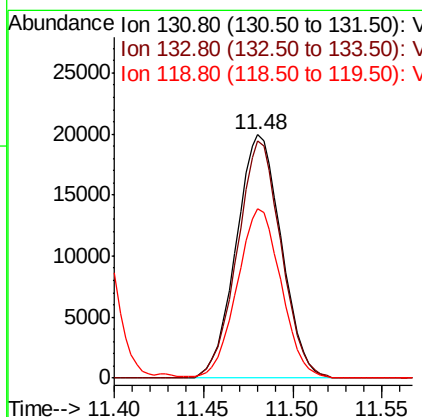
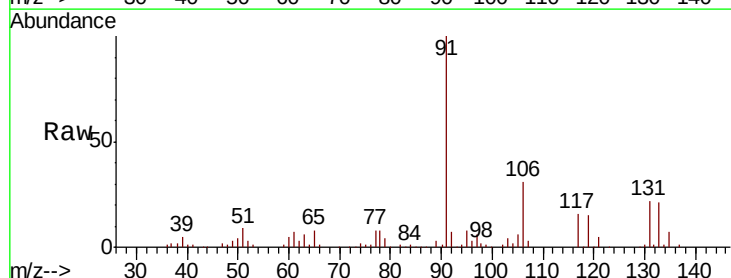
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

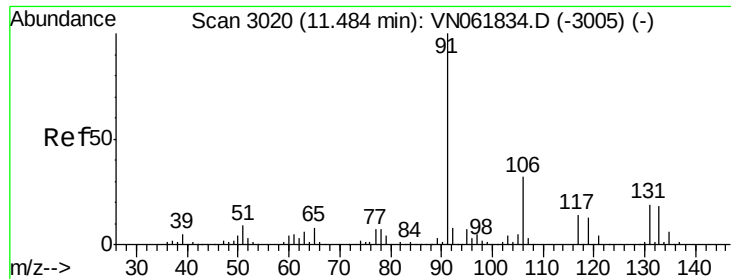
Tot Ion:112 Resp: 94296
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.631 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion:131 Resp: 35306
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 67.8 34.0 101.8

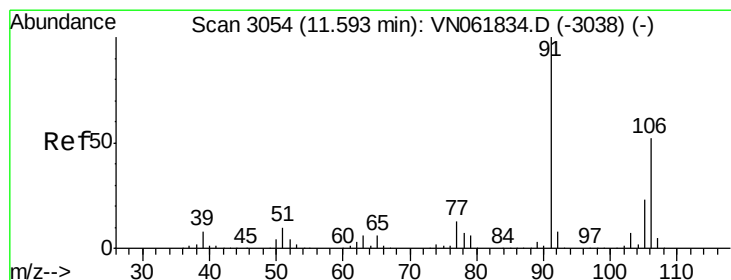
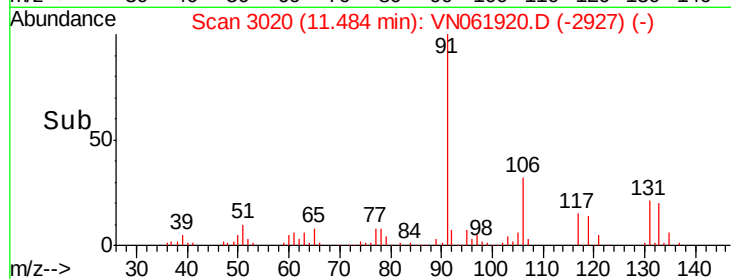
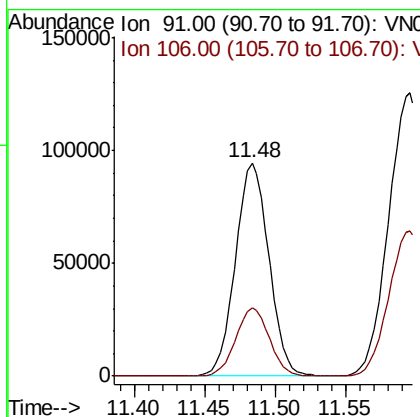
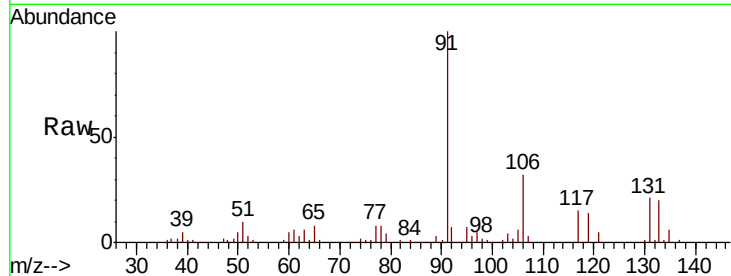




#67
Ethyl Benzene
Concen: 19.122 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

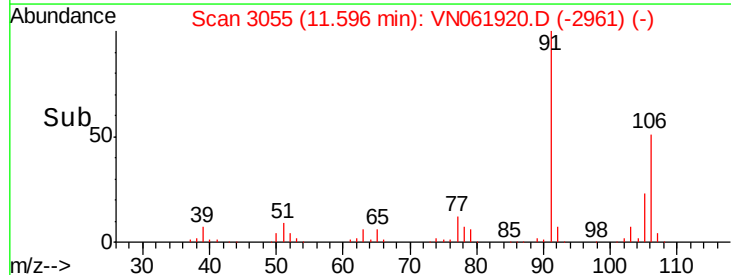
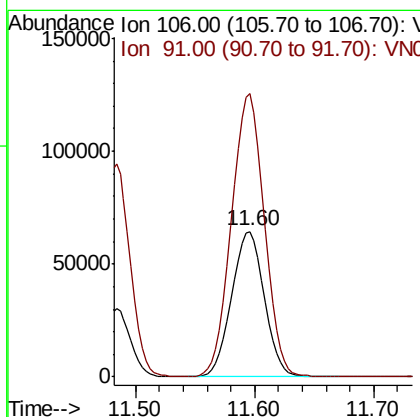
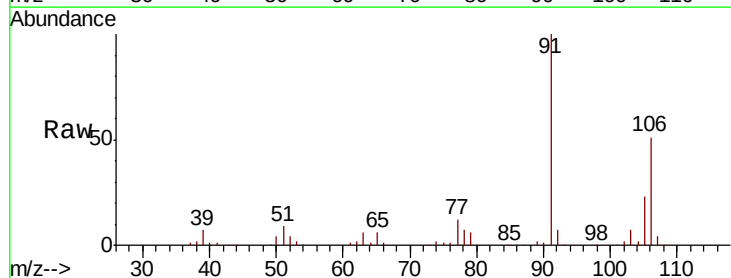
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

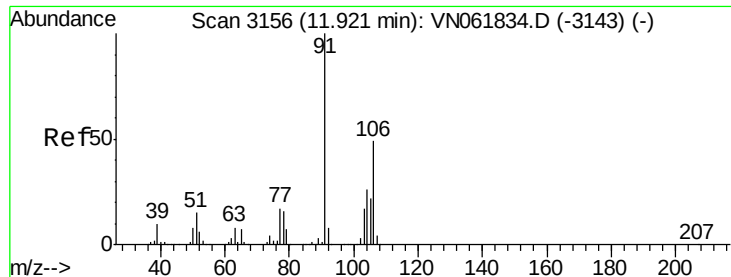
Tot Ion: 91 Resp: 157315
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 38.647 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 106 Resp: 122601
Ion Ratio Lower Upper
106 100
91 196.3 157.0 235.6

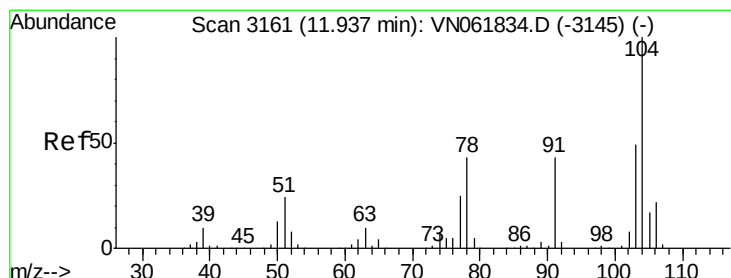
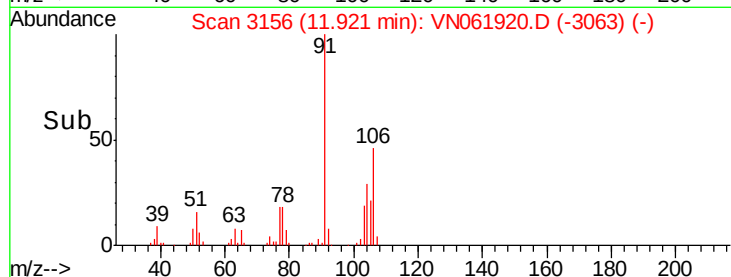
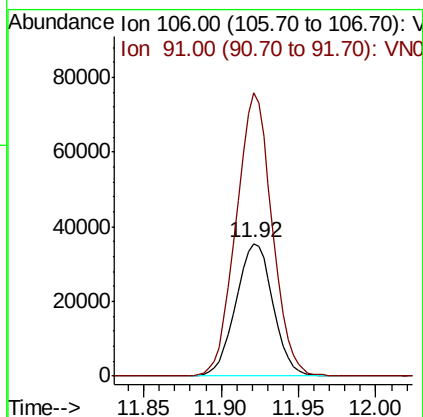
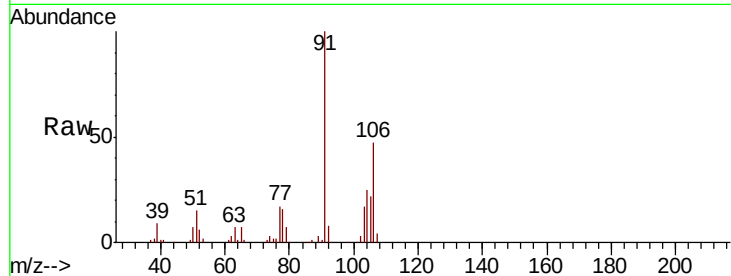




#69
o-Xylene
Concen: 19.610 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

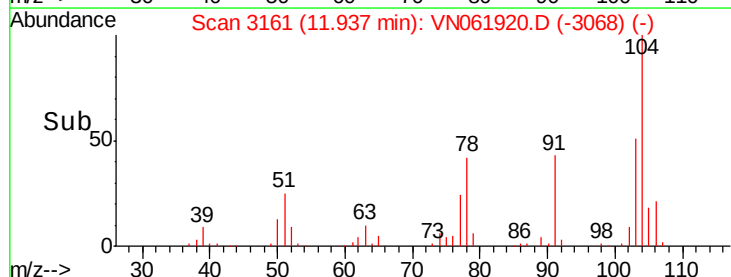
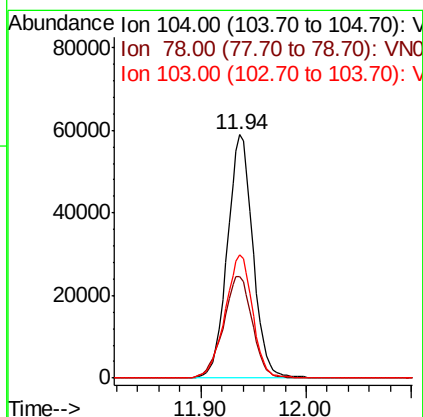
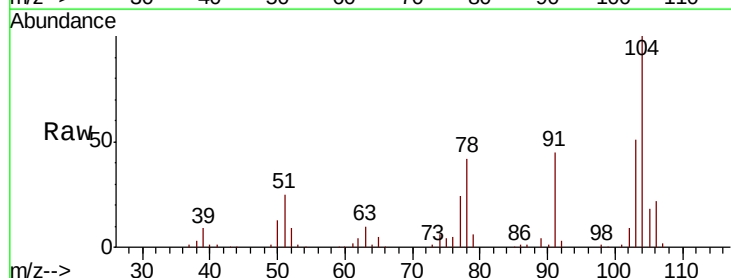
Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

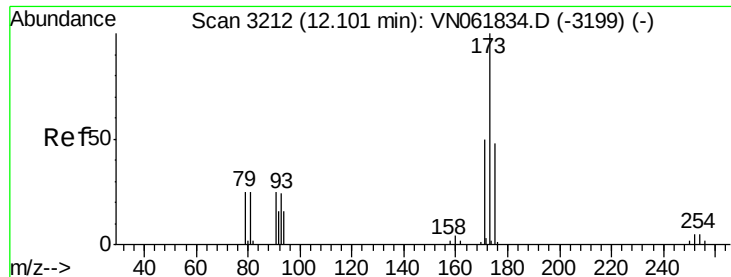
Tot Ion:106 Resp: 59356
Ion Ratio Lower Upper
106 100
91 206.6 103.0 308.9



#70
Styrene
Concen: 19.466 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion:104 Resp: 98655
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.4 43.0 64.4





#71

Bromoform

Concen: 20.256 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

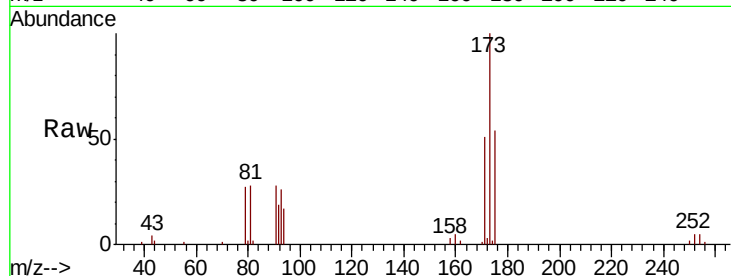
Tot Ion:173 Resp: 25276

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

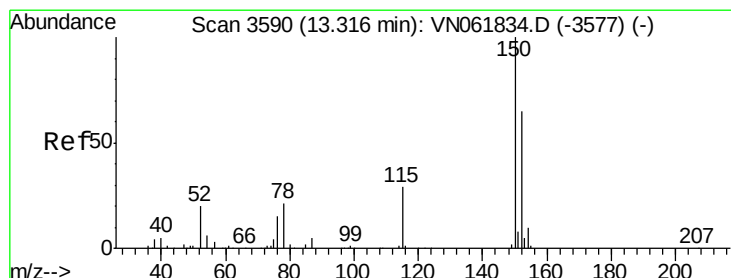
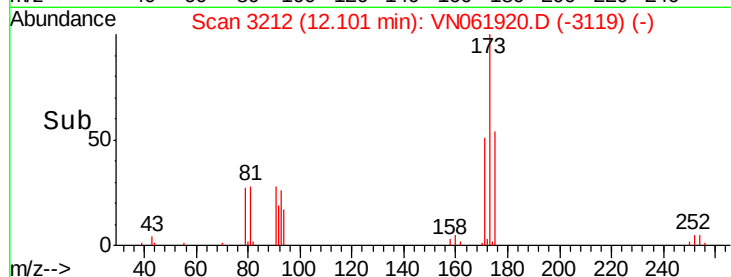
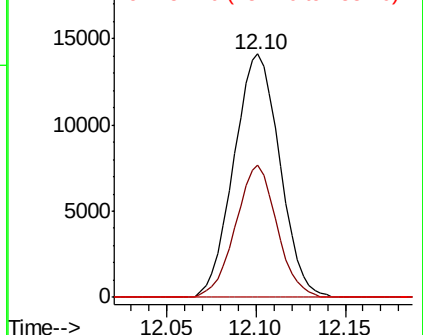
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

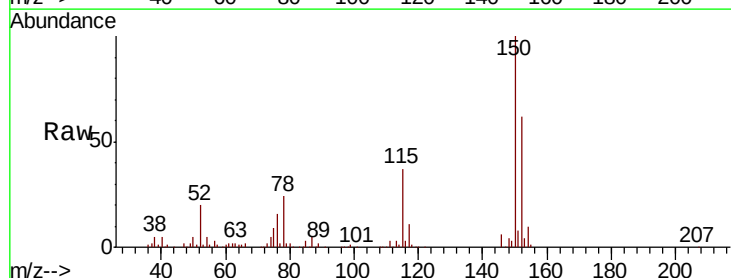
Tgt Ion:152 Resp: 105077

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

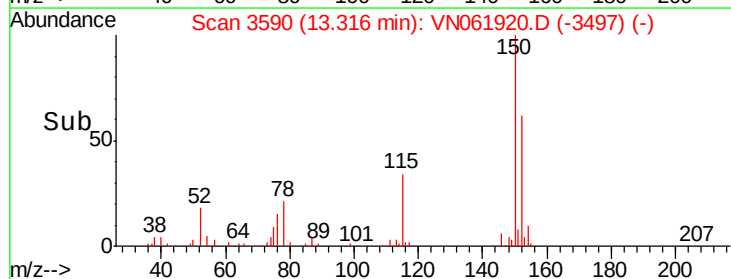
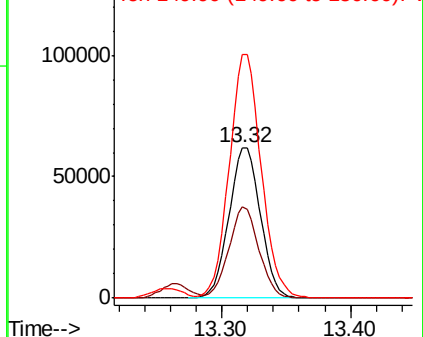
150 163.2 0.0 347.6

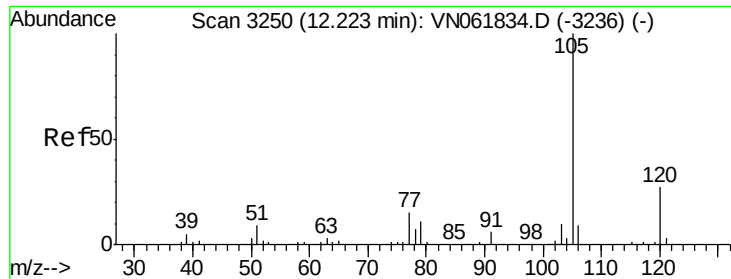


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.051 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

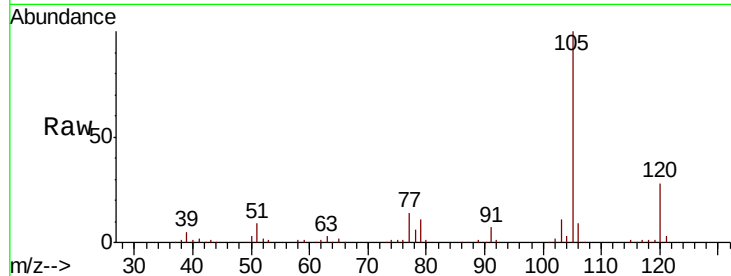
VN0618WBSD02

Tot Ion:105 Resp: 149722

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

60000

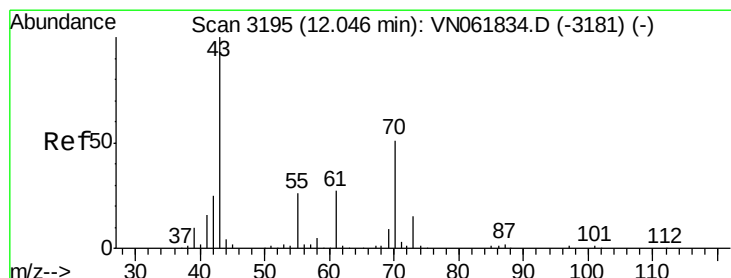
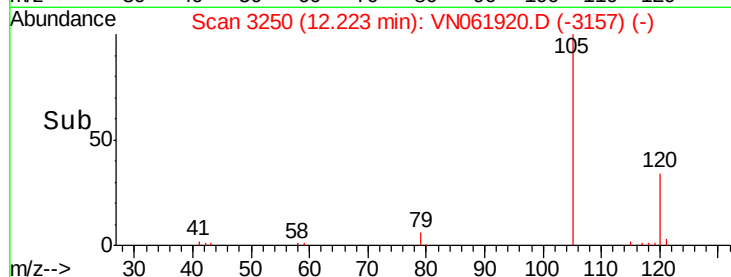
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.827 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Tgt Ion: 43 Resp: 48288

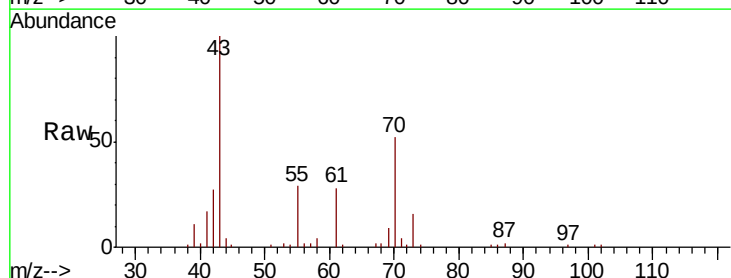
Ion Ratio Lower Upper

43 100

70 51.1 40.6 60.8

55 29.7 21.5 32.3

61 27.1 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

40000

30000

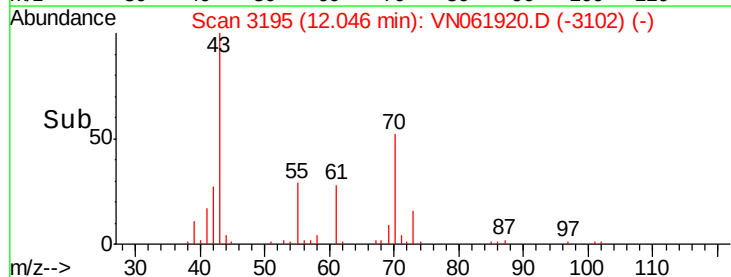
20000

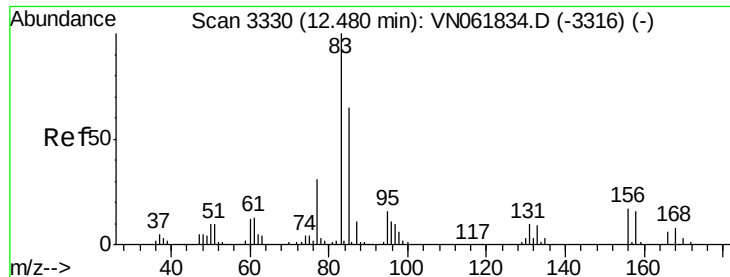
10000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.587 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

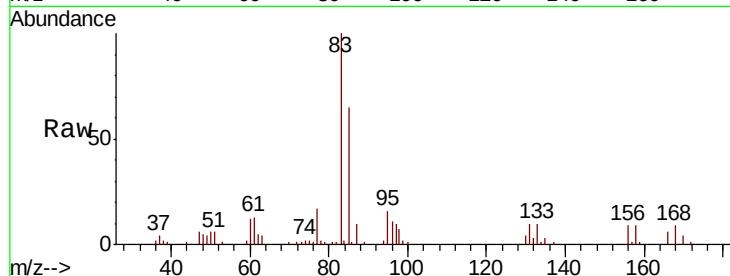
Tot Ion: 83 Resp: 52406

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

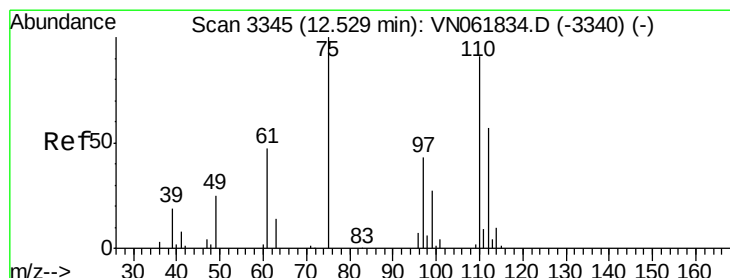
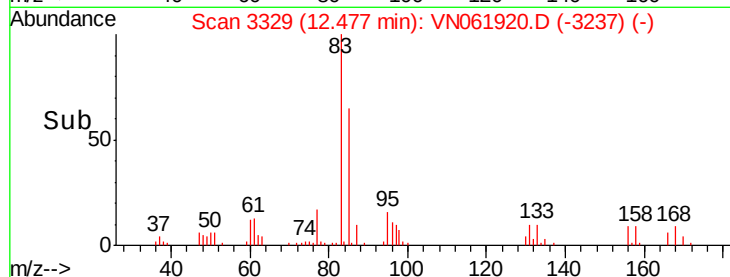
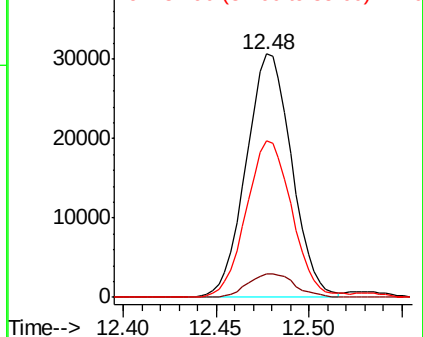
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 30.380 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061920.D

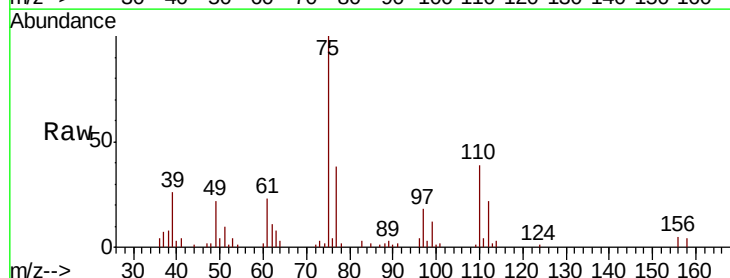
Acq: 19 Jun 2020 00:29

Tgt Ion: 75 Resp: 62671

Ion Ratio Lower Upper

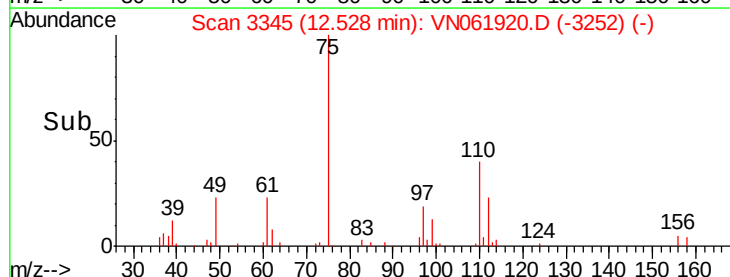
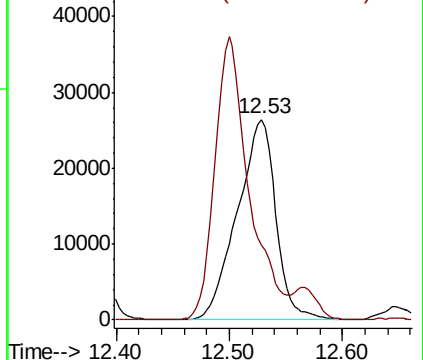
75 100

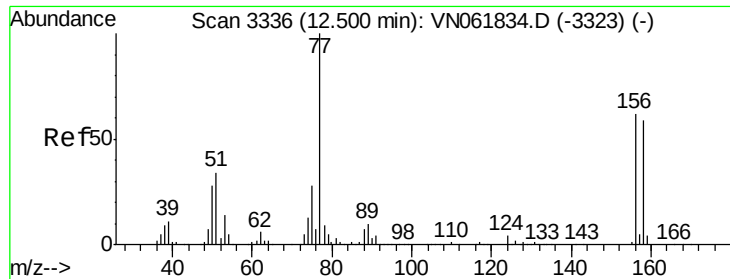
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 21.121 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

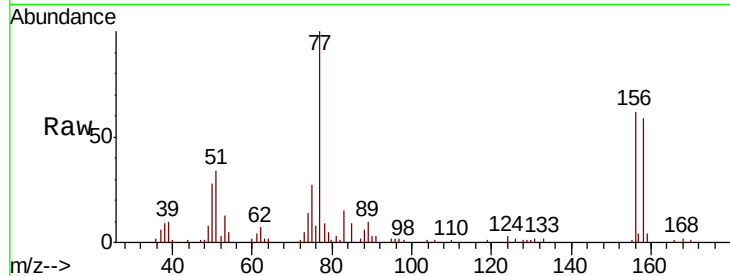
Tot Ion:156 Resp: 39788

Ion Ratio Lower Upper

156 100

77 196.2 100.7 302.1

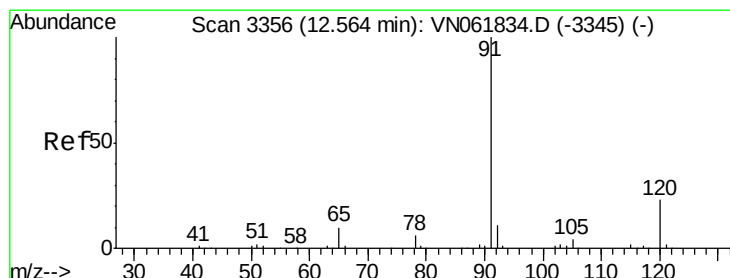
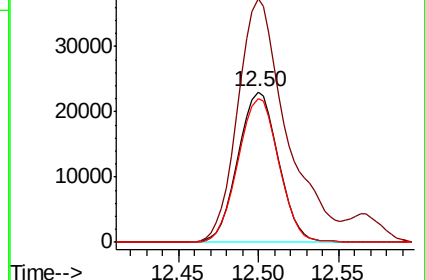
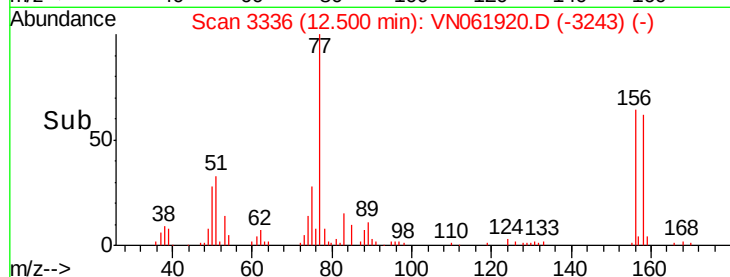
158 96.7 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.539 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061920.D

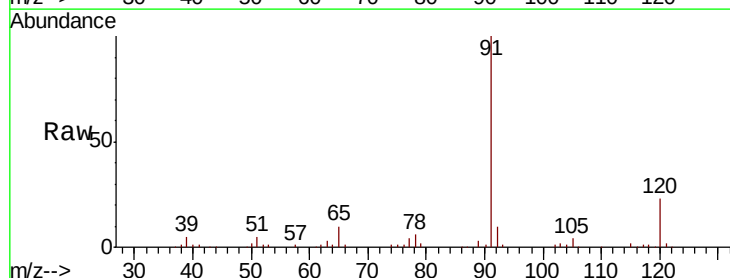
Acq: 19 Jun 2020 00:29

Tgt Ion: 91 Resp: 166472

Ion Ratio Lower Upper

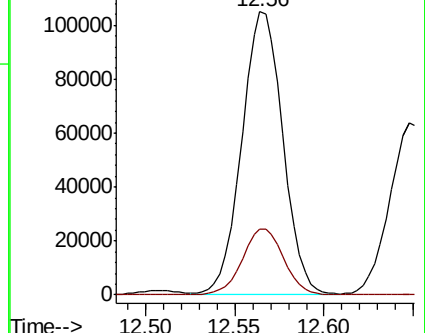
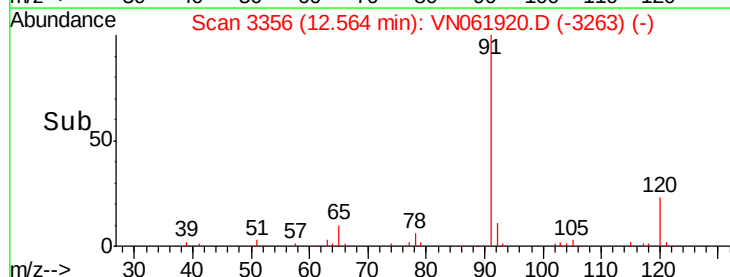
91 100

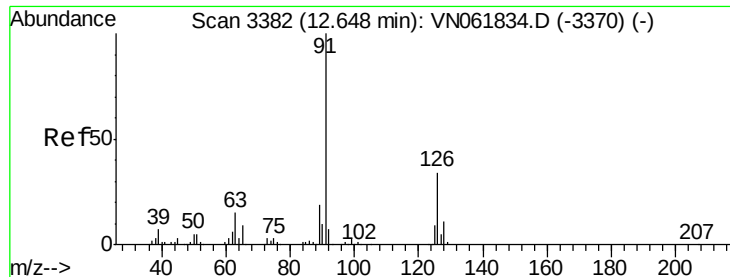
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.400 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

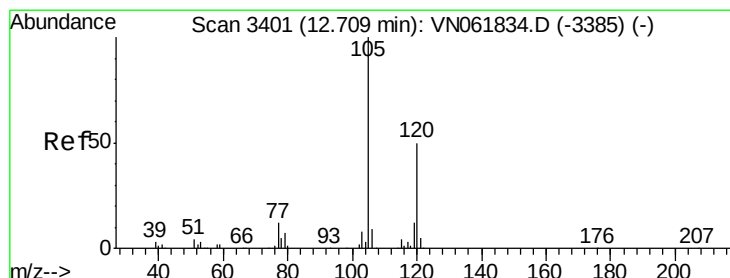
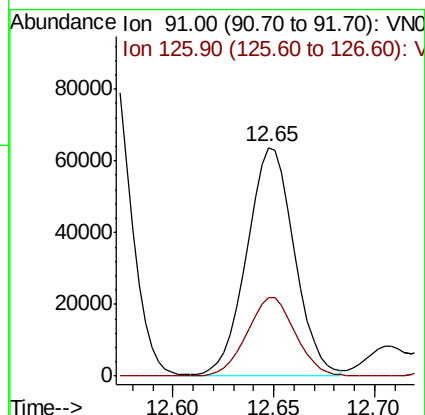
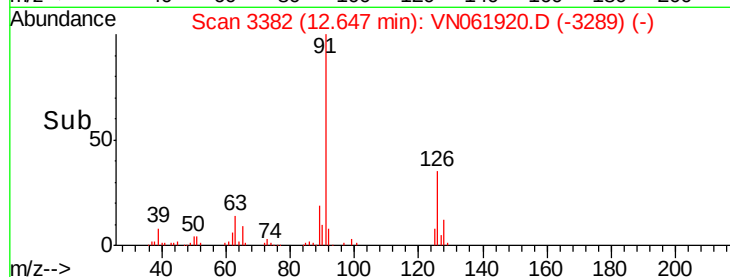
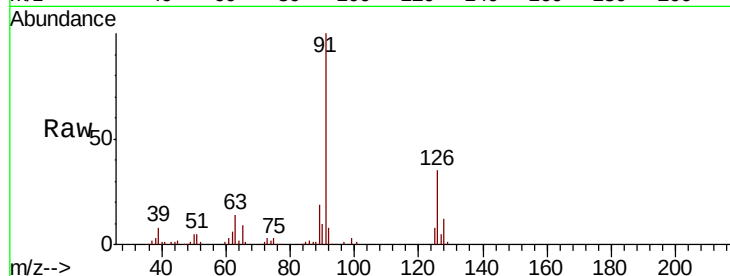
VN0618WBSD02

Tot Ion: 91 Resp: 104388

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.282 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061920.D

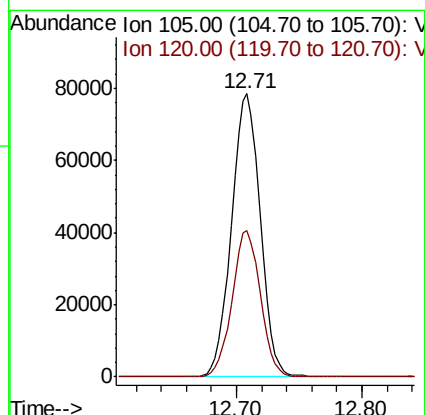
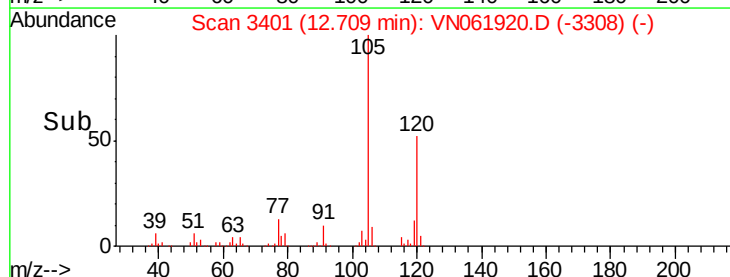
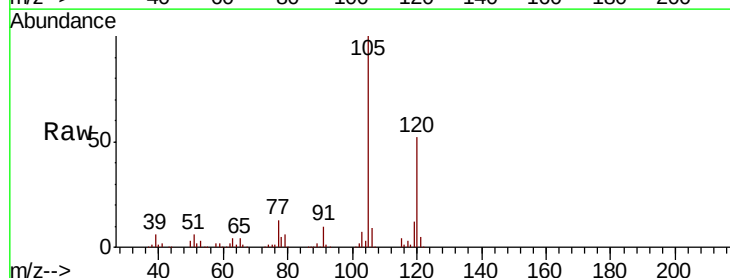
Acq: 19 Jun 2020 00:29

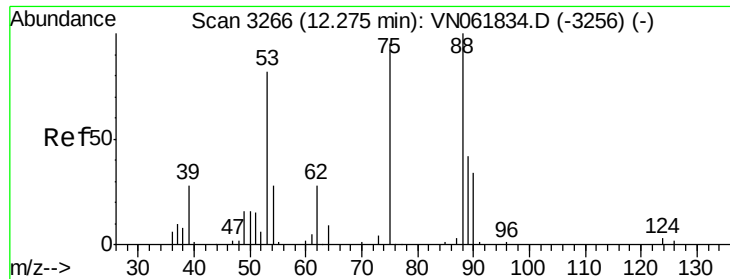
Tgt Ion: 105 Resp: 125293

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.7

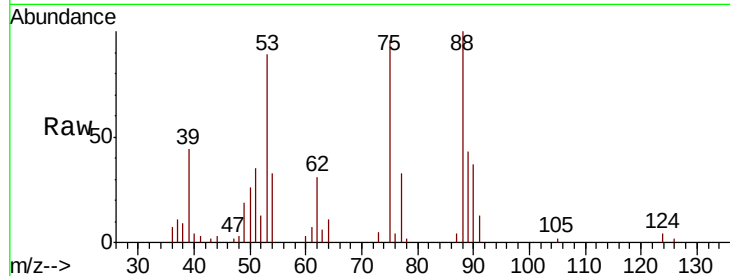




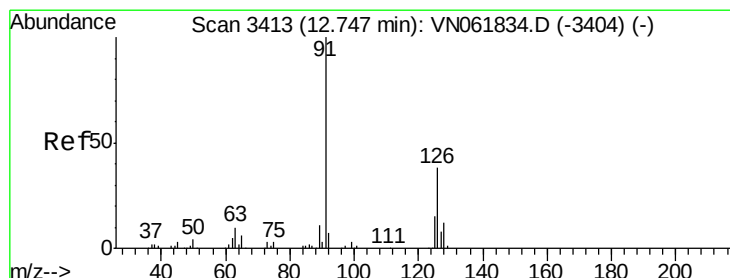
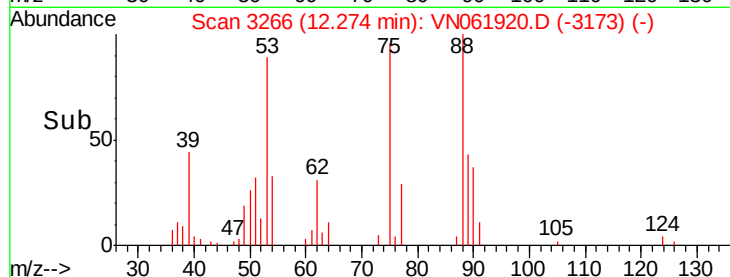
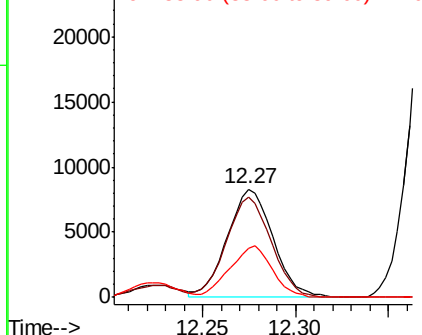
#81
trans-1,4-Dichloro-2-butene
Concen: 18.807 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN0618WBSD02

Tot Ion: 75 Resp: 14225
Ion Ratio Lower Upper
75 100
53 91.0 70.4 105.6
89 43.9 36.0 54.0

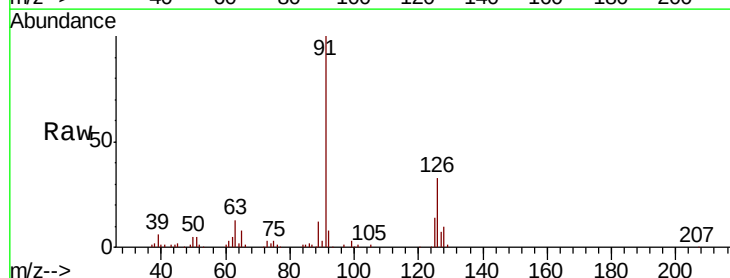


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

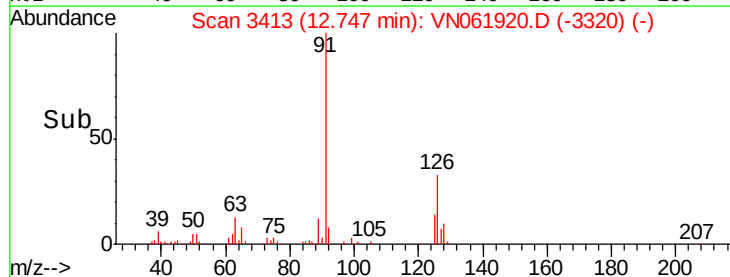
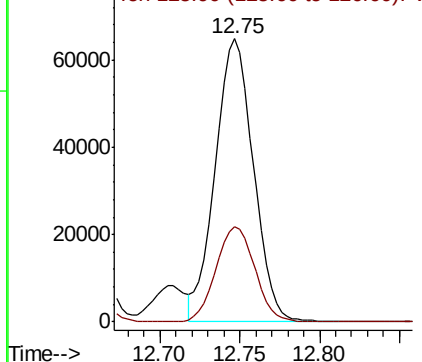


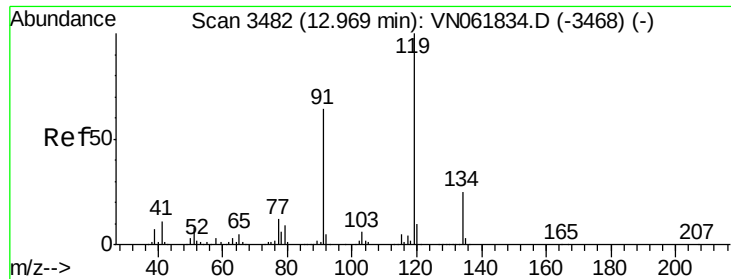
#82
4-Chlorotoluene
Concen: 20.165 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion: 91 Resp: 106623
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

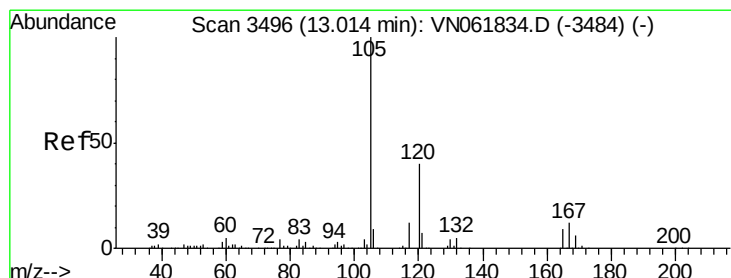
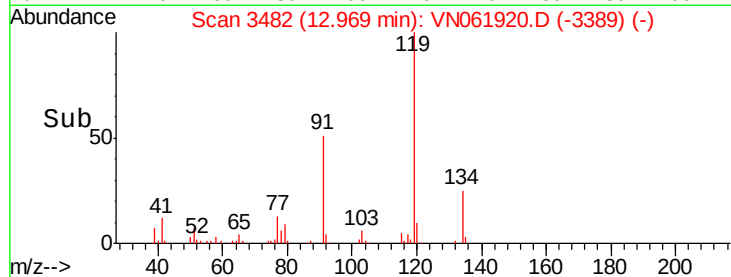
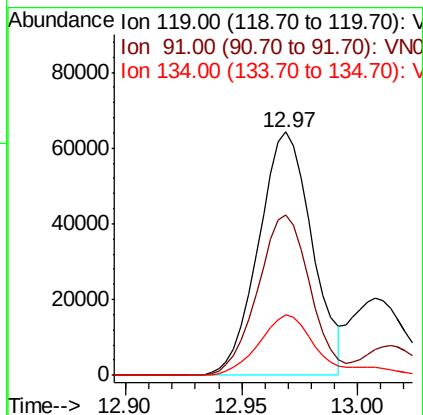
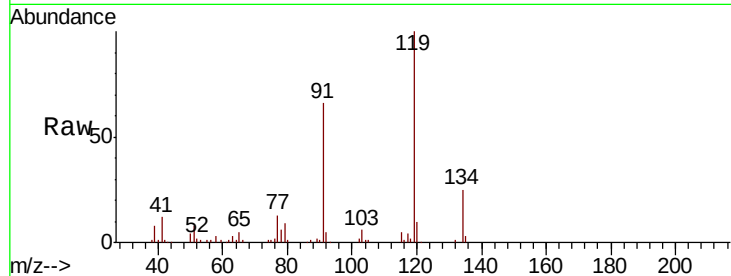




#83
 tert-Butylbenzene
 Concen: 19.654 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

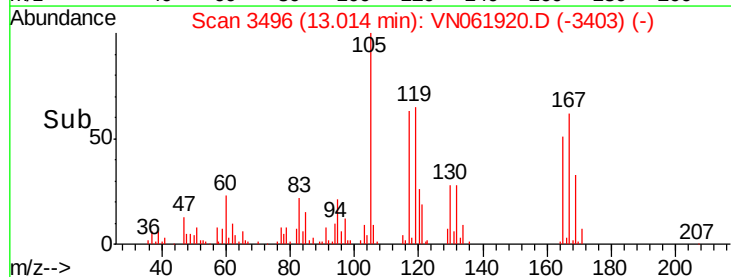
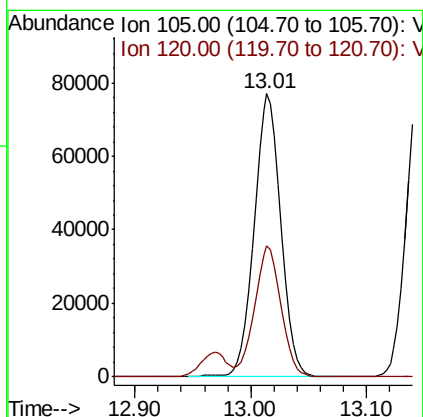
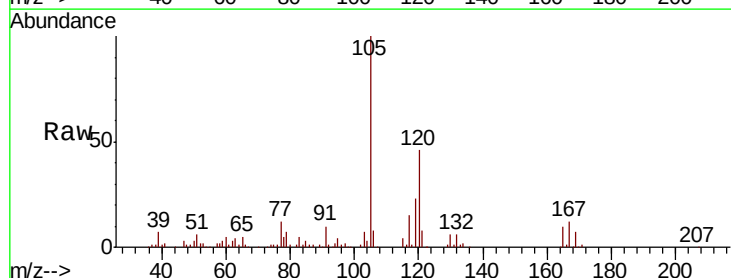
Instrument :
 MSVOA_N
 ClientSampled :
 VN0618WBSD02

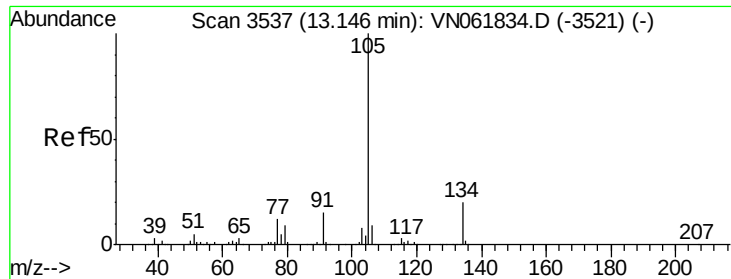
Tot Ion:119 Resp: 102929
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.5 94.5
 134 25.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.302 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion:105 Resp: 123802
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 19.972 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

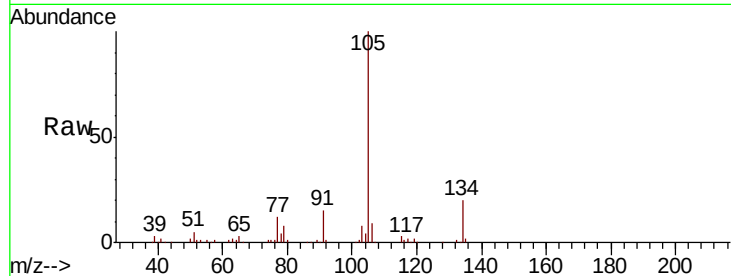
VN0618WBSD02

Tot Ion:105 Resp: 136907

Ion Ratio Lower Upper

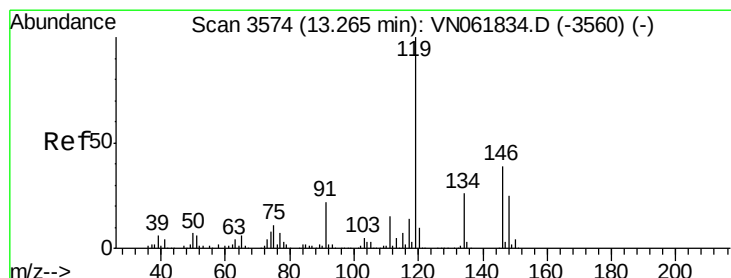
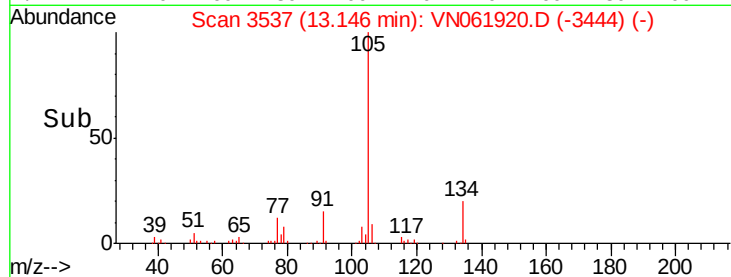
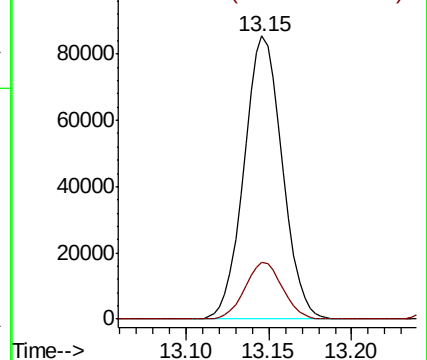
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.553 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

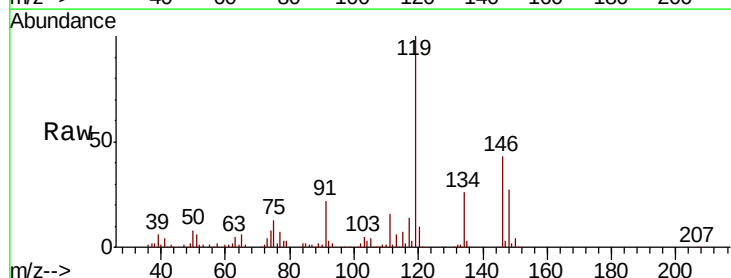
Tgt Ion:119 Resp: 119434

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

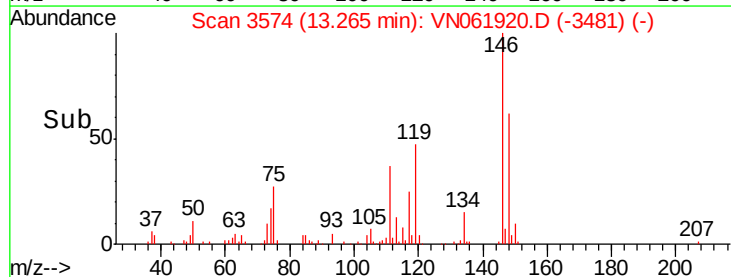
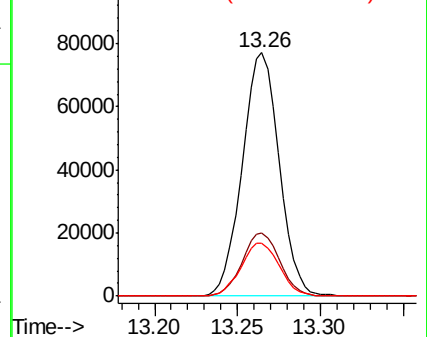
91 22.9 11.2 33.6

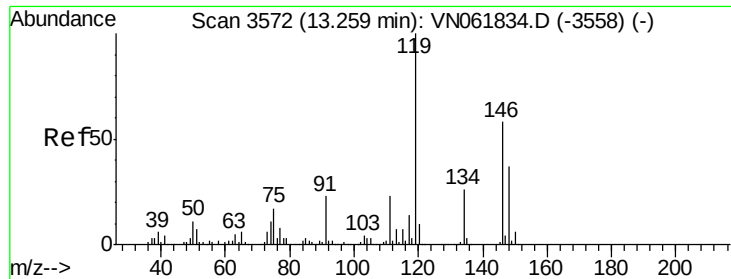


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.661 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

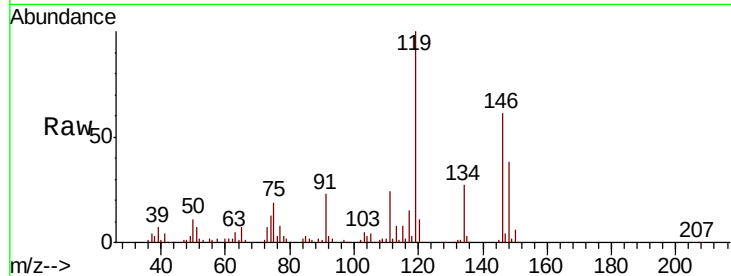
Tot Ion:146 Resp: 67552

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

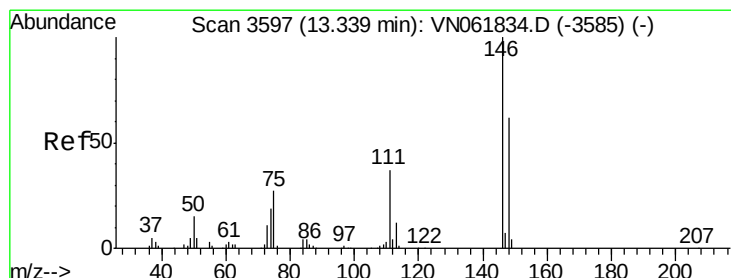
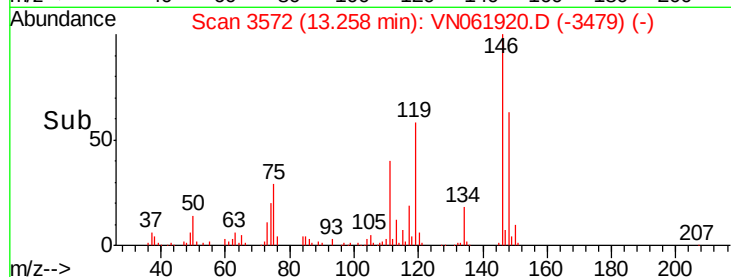
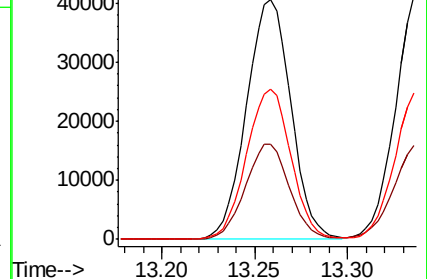
148 62.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.354 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

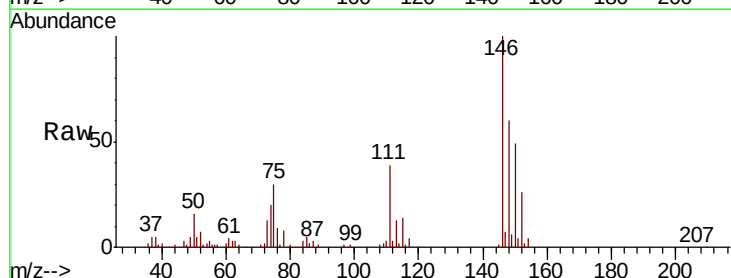
Tgt Ion:146 Resp: 68068

Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.8

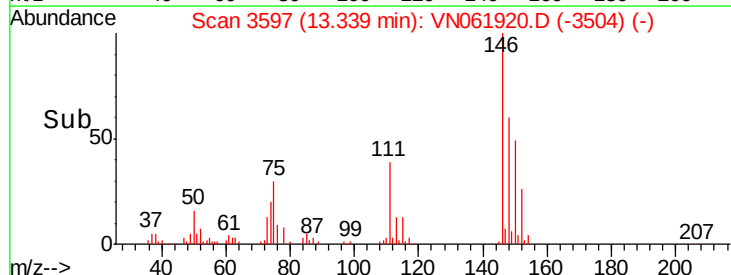
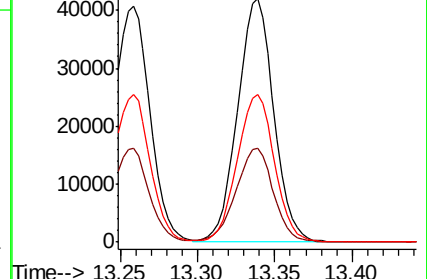
148 62.6 31.6 94.7

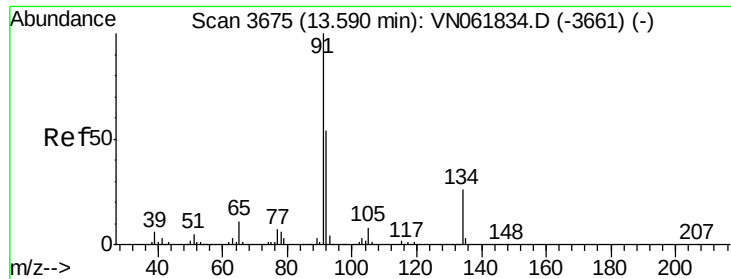


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.063 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061920.D

Acq: 19 Jun 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD02

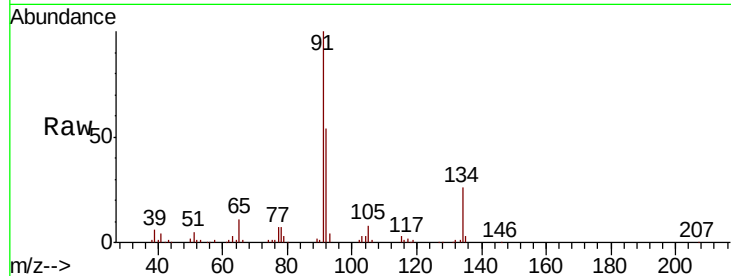
Tot Ion: 91 Resp: 92145

Ion Ratio Lower Upper

91 100

92 53.6 27.0 80.8

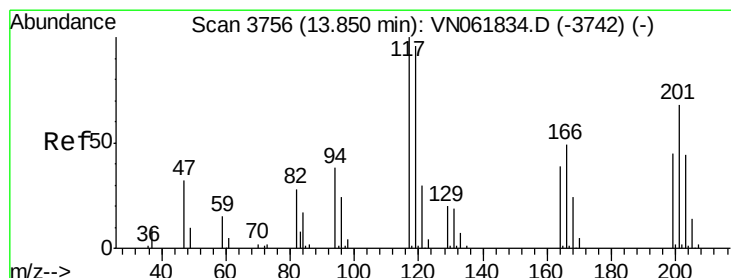
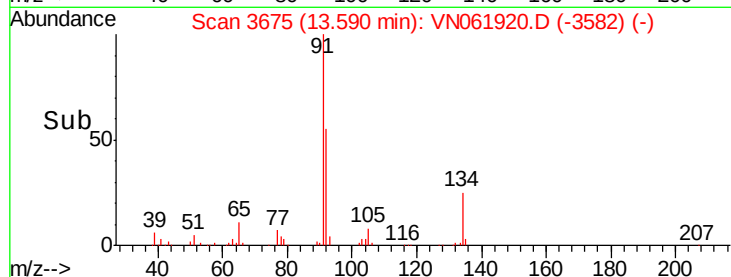
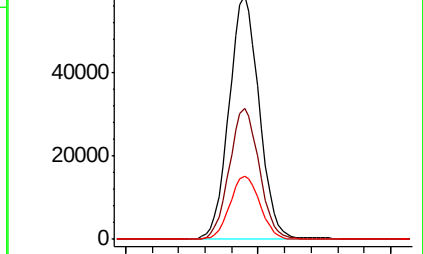
134 25.8 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)



#90

Hexachloroethane

Concen: 20.136 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061920.D

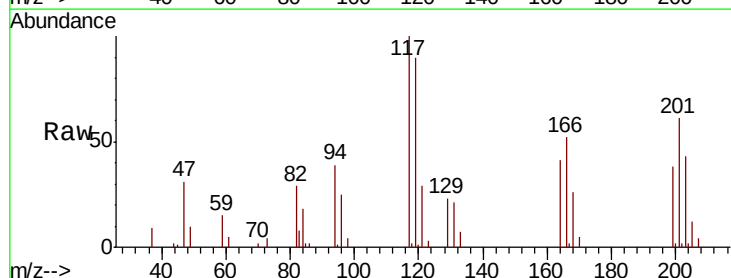
Acq: 19 Jun 2020 00:29

Tgt Ion: 117 Resp: 22514

Ion Ratio Lower Upper

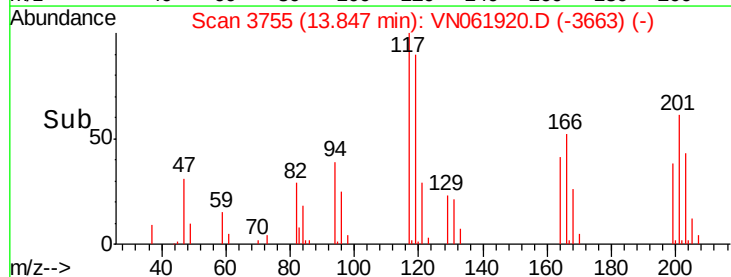
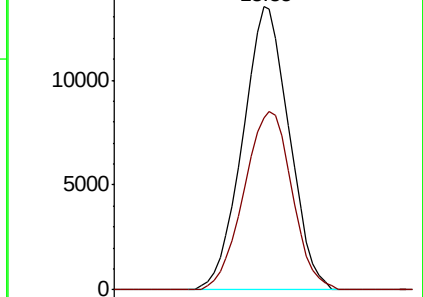
117 100

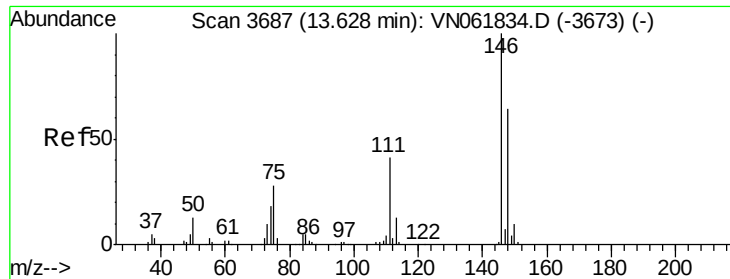
201 65.2 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

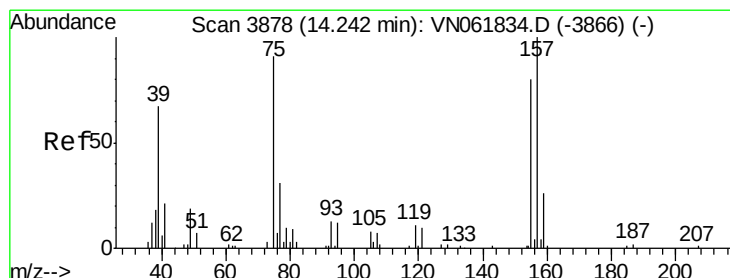
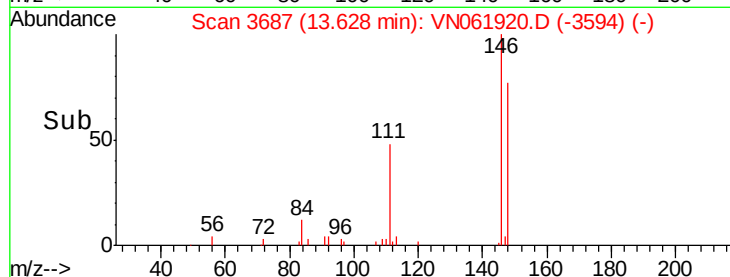
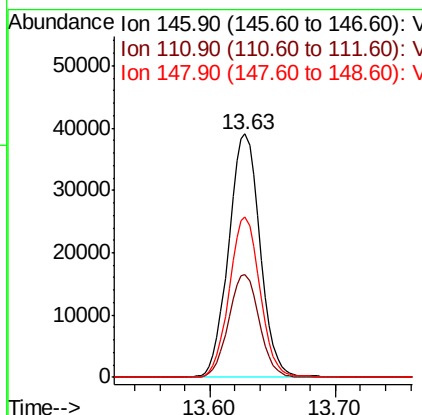
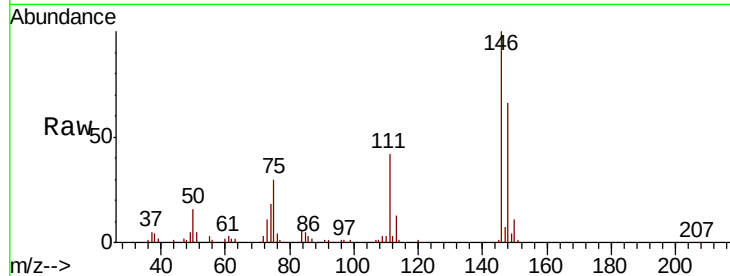




#91
 1,2-Dichlorobenzene
 Concen: 20.551 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

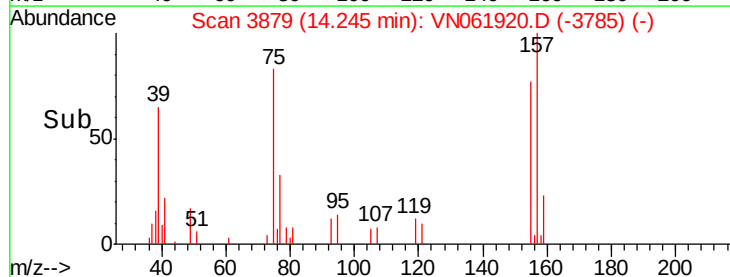
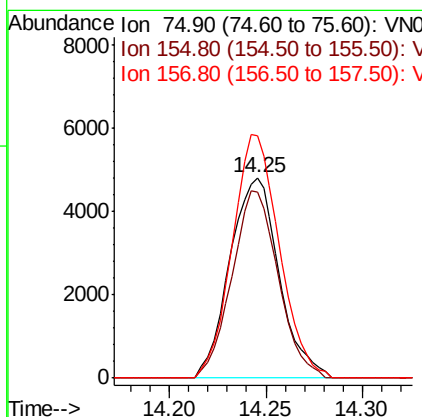
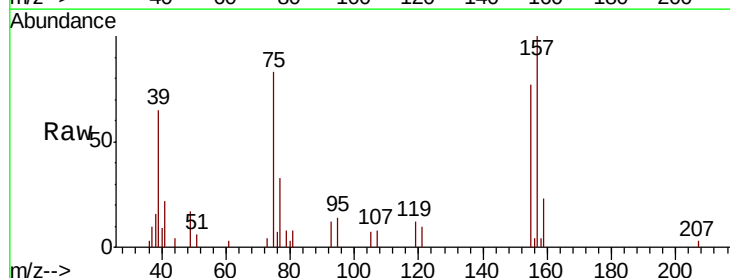
Instrument :
 MSVOA_N
 ClientSampled :
 VN0618WBSD02

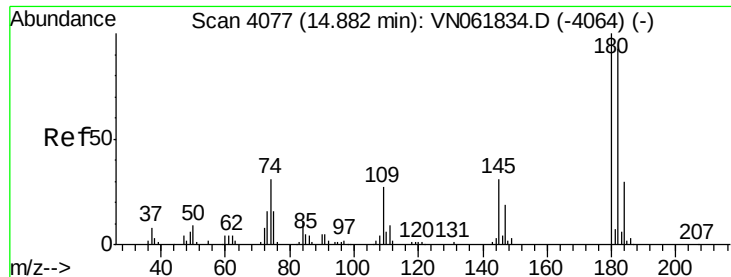
Tot Ion:146 Resp: 67977
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 64.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.577 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion: 75 Resp: 8504
 Ion Ratio Lower Upper
 75 100
 155 87.8 44.4 133.2
 157 115.9 57.0 171.2

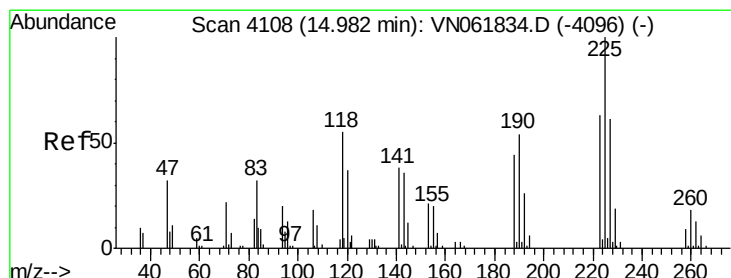
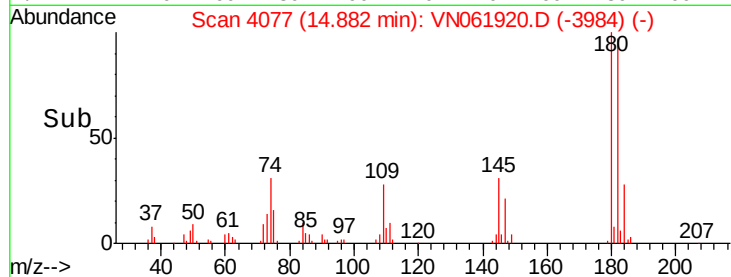
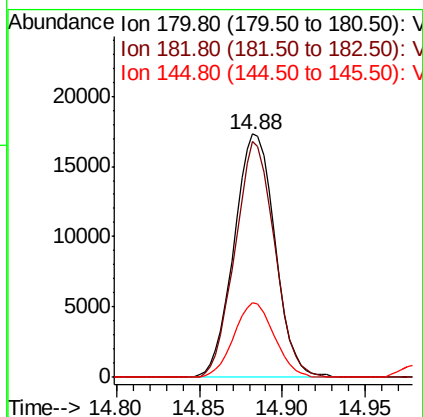
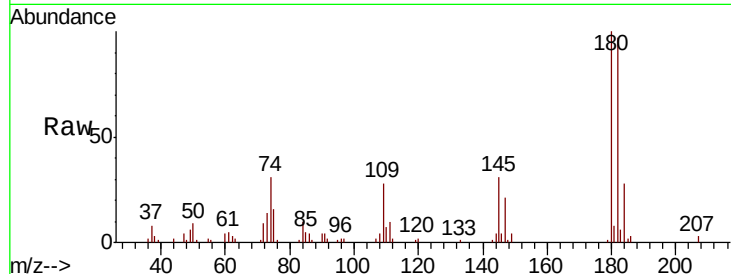




#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

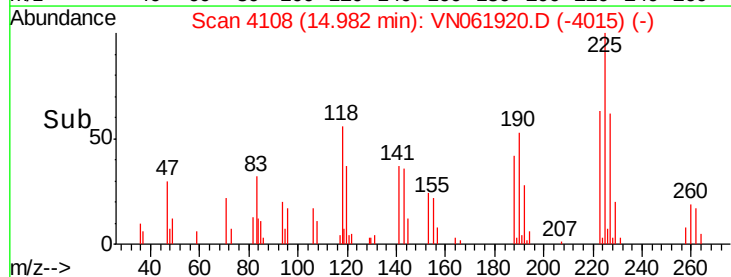
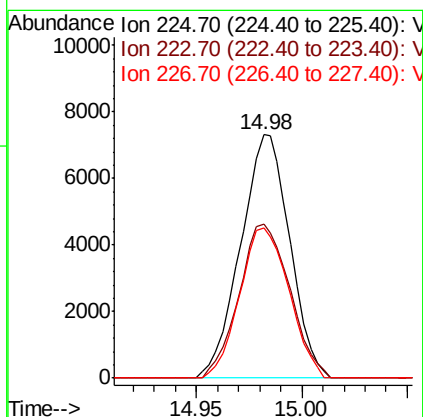
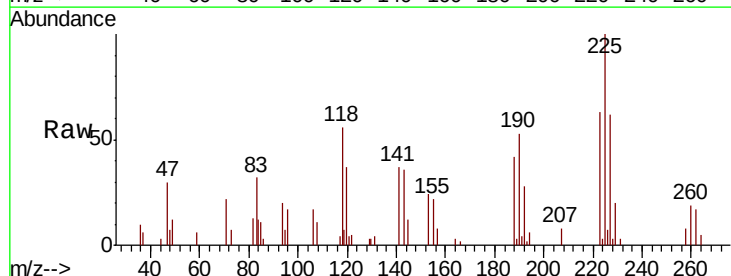
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

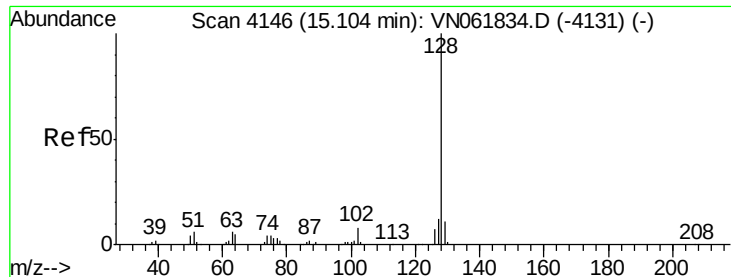
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.0	141.2
145	30.4	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 19.200 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061920.D
 Acq: 19 Jun 2020 00:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.7	95.1
227	62.0	30.1	90.3

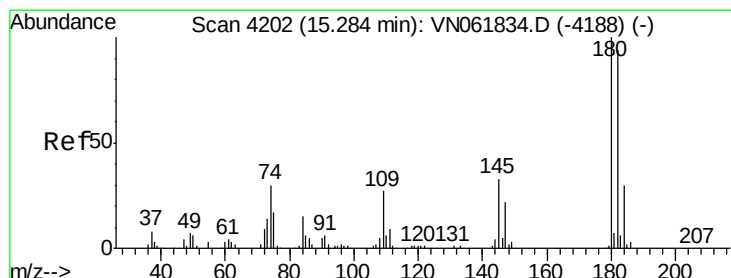
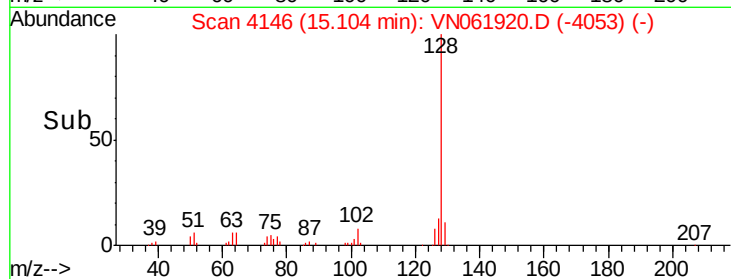
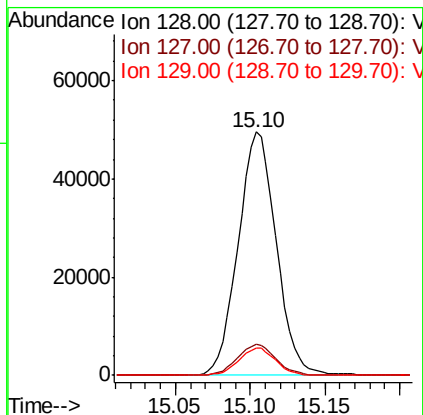
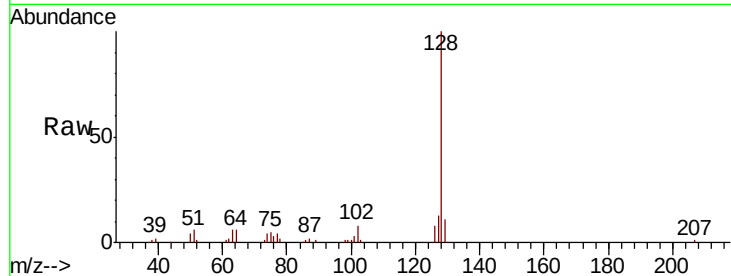




#95
Naphthalene
Concen: 19.111 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD02

Tot Ion:128 Resp: 87798
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.933 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061920.D
Acq: 19 Jun 2020 00:29

Tgt Ion:180 Resp: 30811
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 33.1 16.5 49.5

