

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062157.D
 Acq On : 26 Jun 2020 23:03
 Operator : JC/MD
 Sample : VN0626WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Quant Time: Jun 27 03:47:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166667	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	137460	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.06	98	537494	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.38	95	177150	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	48323	17.721	ug/l 98
3) Chloromethane	2.03	50	62470	18.620	ug/l 98
4) Vinyl Chloride	2.16	62	74796	17.418	ug/l 97
5) Bromomethane	2.53	94	50963	18.363	ug/l 96
6) Chloroethane	2.67	64	51358	17.508	ug/l 99
7) Trichlorofluoromethane	2.98	101	88234	16.675	ug/l 100
8) Diethyl Ether	3.37	74	35867	19.412	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50218	18.123	ug/l 99
10) Methyl Iodide	3.91	142	60055	19.244	ug/l 99
11) Tert butyl alcohol	4.73	59	46169	94.983	ug/l 99
12) 1,1-Dichloroethene	3.70	96	51541	18.606	ug/l 97
13) Acrolein	3.57	56	36267	76.207	ug/l 100
14) Allyl chloride	4.27	41	70201	18.614	ug/l 100
15) Acrylonitrile	4.93	53	124028	93.636	ug/l 99
16) Acetone	3.77	43	96815	88.490	ug/l 99
17) Carbon Disulfide	4.01	76	140127	17.694	ug/l 100
18) Methyl Acetate	4.28	43	51017	18.957	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	175342	19.809	ug/l 99
20) Methylene Chloride	4.50	84	62427	19.957	ug/l 92
21) trans-1,2-Dichloroethene	4.99	96	55711	17.654	ug/l 98
22) Diisopropyl ether	5.90	45	161791	18.841	ug/l 93
23) Vinyl Acetate	5.84	43	669149	95.444	ug/l 99
24) 1,1-Dichloroethane	5.80	63	103501	18.718	ug/l 99
25) 2-Butanone	6.79	43	152734	92.299	ug/l 99
26) 2,2-Dichloropropane	6.78	77	68916	14.956	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	67420	18.987	ug/l 97
28) Bromochloromethane	7.15	49	42212	17.594	ug/l 99
29) Tetrahydrofuran	7.17	42	103518	95.500	ug/l 100
30) Chloroform	7.33	83	104172	18.516	ug/l 99
31) Cyclohexane	7.61	56	85349	18.247	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	90026	18.975	ug/l 99
36) 1,1-Dichloropropene	7.75	75	76055	17.441	ug/l 100
37) Ethyl Acetate	6.88	43	66217	18.338	ug/l 98
38) Carbon Tetrachloride	7.73	117	74985	18.239	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85667	17.930	ug/l	97
40) Benzene	8.00	78	237891	17.898	ug/l	99
41) Methacrylonitrile	7.13	41	29671	17.724	ug/l	98
42) 1,2-Dichloroethane	8.09	62	83258	18.540	ug/l	100
43) Isopropyl Acetate	8.13	43	110341	18.745	ug/l #	89
44) Trichloroethene	8.80	130	62126	18.530	ug/l	98
45) 1,2-Dichloropropane	9.09	63	61799	18.847	ug/l	99
46) Dibromomethane	9.18	93	41199	18.532	ug/l	98
47) Bromodichloromethane	9.37	83	82114	18.293	ug/l	99
48) Methyl methacrylate	9.17	41	48488	18.372	ug/l	98
49) 1,4-Dioxane	9.17	88	21272	363.444	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	328285	95.456	ug/l	100
52) Toluene	10.12	92	152580	18.815	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86482	17.511	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94682	18.008	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	59919	18.796	ug/l	99
56) Ethyl methacrylate	10.40	69	80629	18.952	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101432	18.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	145406	91.210	ug/l	99
59) 2-Hexanone	10.72	43	228940	92.188	ug/l	99
60) Dibromochloromethane	10.87	129	62906	18.639	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60530	18.479	ug/l	99
64) Tetrachloroethene	10.60	164	48891	17.896	ug/l	99
65) Chlorobenzene	11.41	112	161386	18.375	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	56586	18.632	ug/l	100
67) Ethyl Benzene	11.48	91	275744	18.590	ug/l	99
68) m/p-Xylenes	11.60	106	213952	37.292	ug/l	100
69) o-Xylene	11.92	106	101095	18.676	ug/l	97
70) Styrene	11.94	104	165764	18.362	ug/l	99
71) Bromoform	12.10	173	40483	18.748	ug/l #	98
73) Isopropylbenzene	12.22	105	271695	19.505	ug/l	99
74) N-amyl acetate	12.05	43	87790	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85815	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	102361	24.163	ug/l #	100
77) Bromobenzene	12.50	156	63578	18.384	ug/l	98
78) n-propylbenzene	12.57	91	298455	18.731	ug/l	99
79) 2-Chlorotoluene	12.65	91	179769	18.663	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	220981	19.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23681	16.325	ug/l	95
82) 4-Chlorotoluene	12.75	91	182582	18.330	ug/l	99
83) tert-Butylbenzene	12.97	119	190160	19.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215586	19.116	ug/l	99
85) sec-Butylbenzene	13.15	105	253098	19.820	ug/l	99
86) p-Isopropyltoluene	13.26	119	215713	19.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112651	18.550	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111868	17.871	ug/l	99
89) n-Butylbenzene	13.59	91	168392	18.104	ug/l	99
90) Hexachloroethane	13.85	117	40594	18.494	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	112293	19.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13591	18.302	ug/l	97

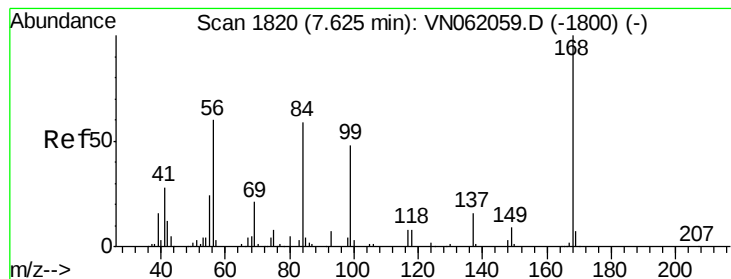
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46747	18.172	ug/l	98
94) Hexachlorobutadiene	14.99	225	21207	18.980	ug/l	97
95) Naphthalene	15.10	128	136370	18.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49287	18.737	ug/l	97

(#) = 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: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

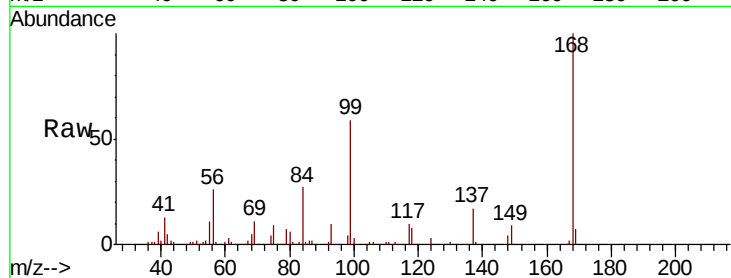
VN0626WBS02

Tot Ion:168 Resp: 241244

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

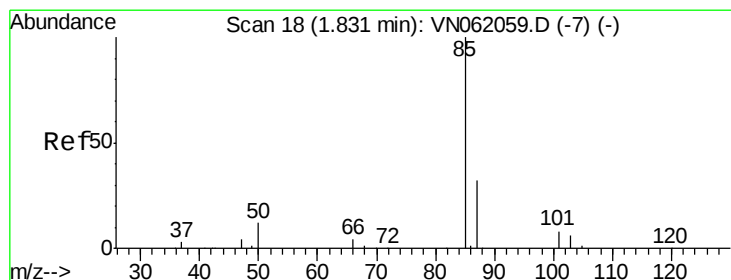
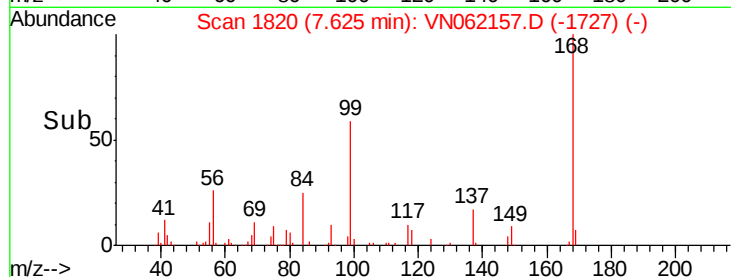
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.721 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062157.D

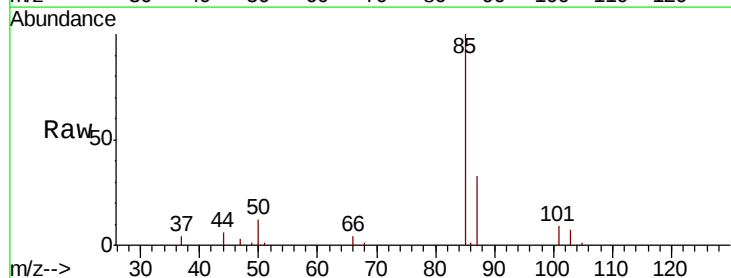
Acq: 26 Jun 2020 23:03

Tgt Ion: 85 Resp: 48323

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

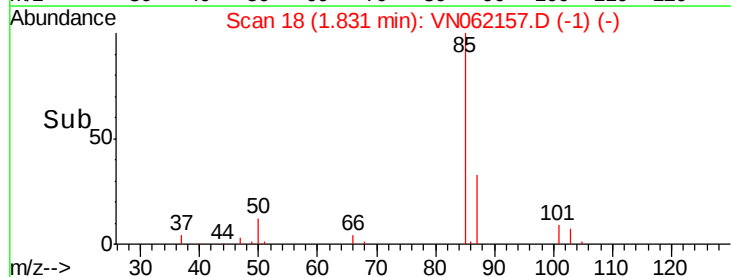
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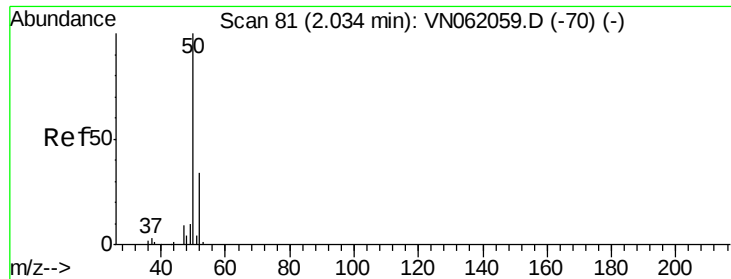
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.620 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

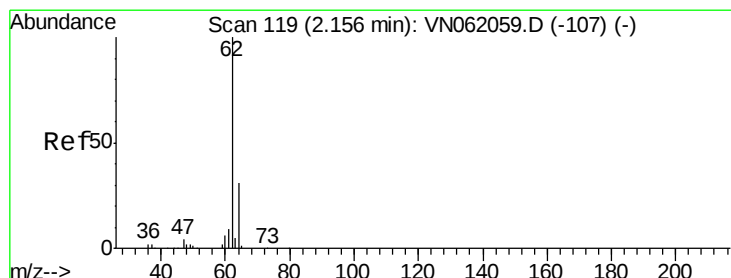
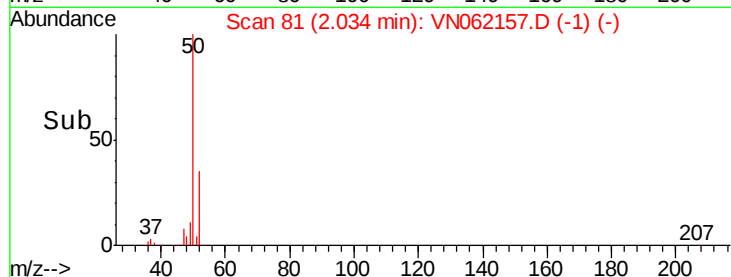
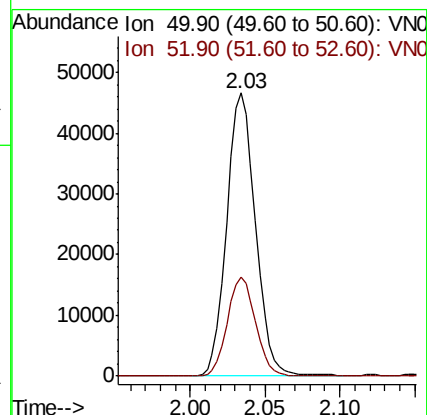
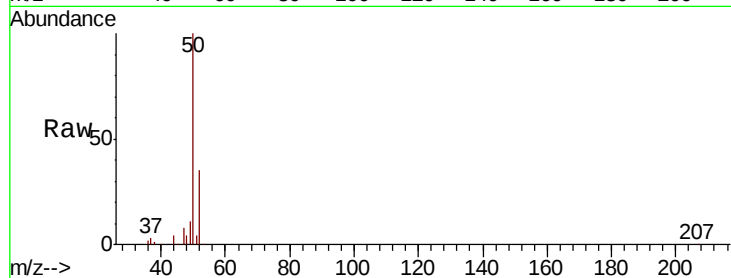
VN0626WBS02

Tot Ion: 50 Resp: 62470

Ion Ratio Lower Upper

50 100

52 34.9 27.0 40.6



#4

Vinyl Chloride

Concen: 17.418 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062157.D

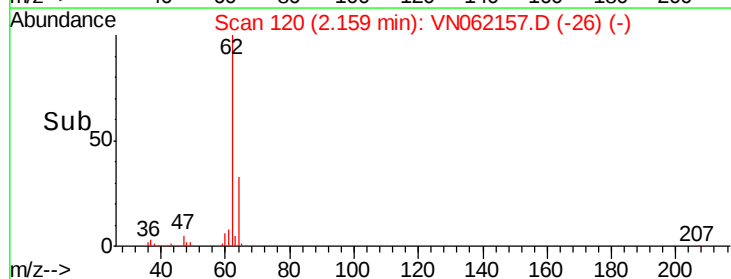
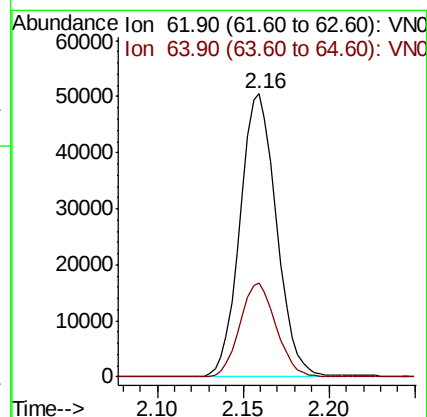
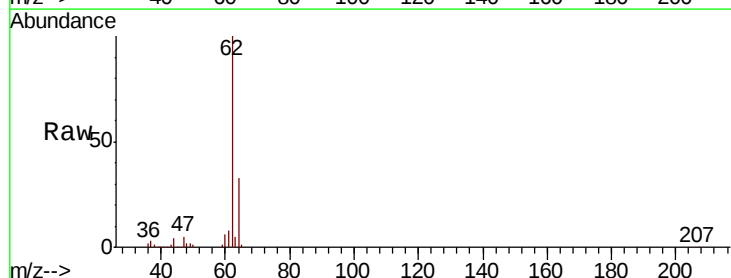
Acq: 26 Jun 2020 23:03

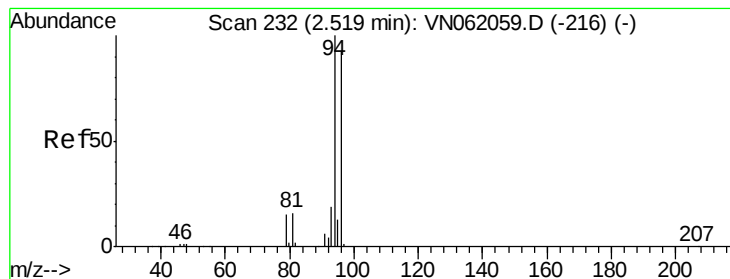
Tgt Ion: 62 Resp: 74796

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 18.363 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

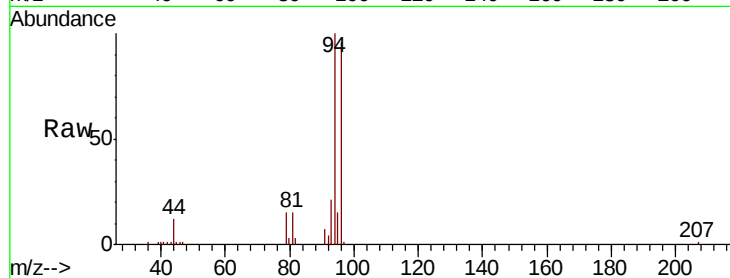
VN0626WBS02

Tot Ion: 94 Resp: 50963

Ion Ratio Lower Upper

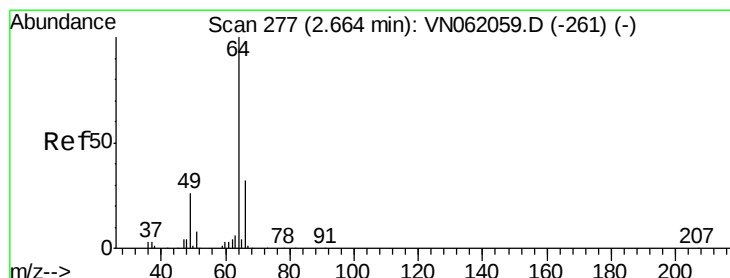
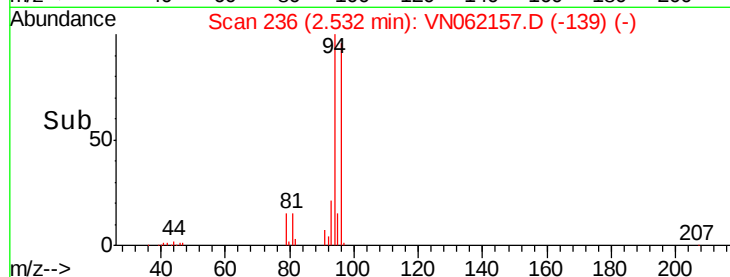
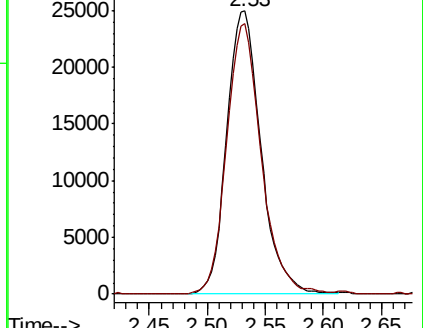
94 100

96 95.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062157.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062157.D (-139) (-)



#6

Chloroethane

Concen: 17.508 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062157.D

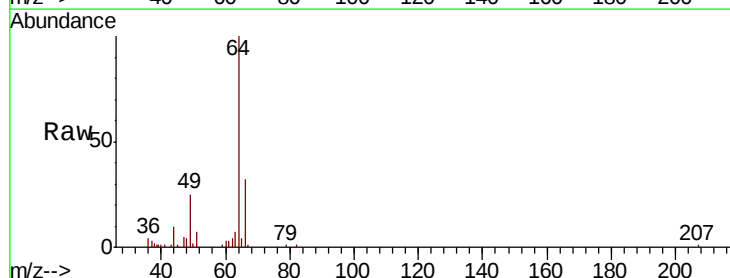
Acq: 26 Jun 2020 23:03

Tgt Ion: 64 Resp: 51358

Ion Ratio Lower Upper

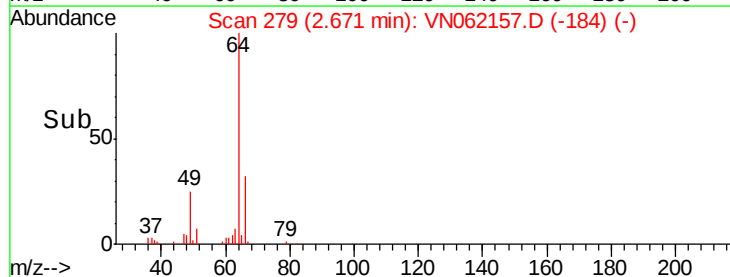
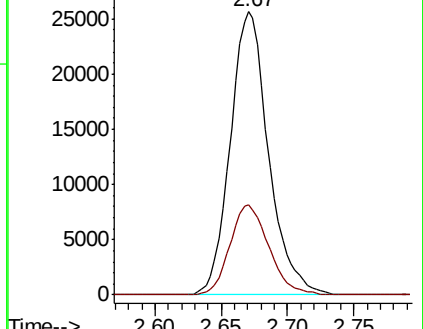
64 100

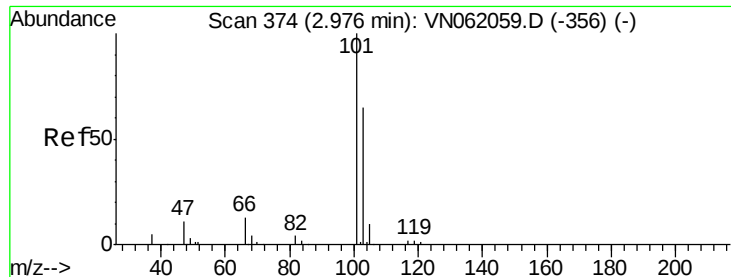
66 31.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062157.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062157.D (-184) (-)



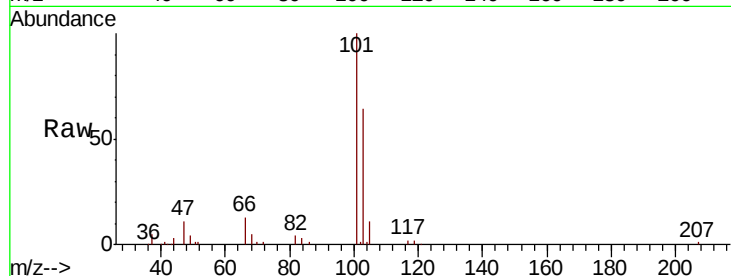


#7

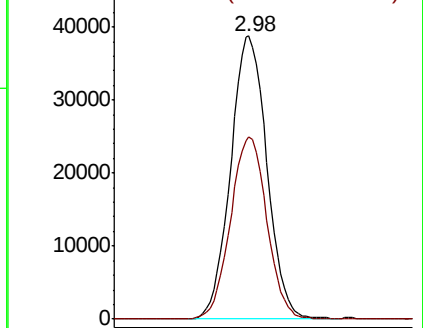
Trichlorofluoromethane
Concen: 16.675 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

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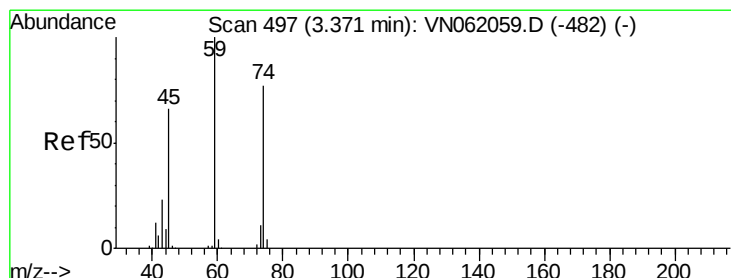
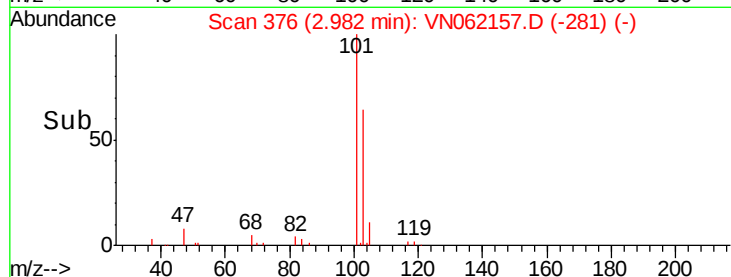
Tot Ion:101 Resp: 88234
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



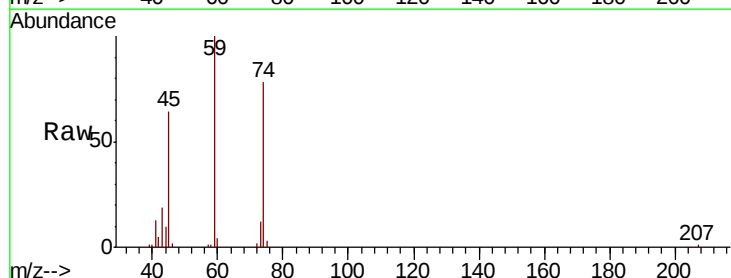
Time-->



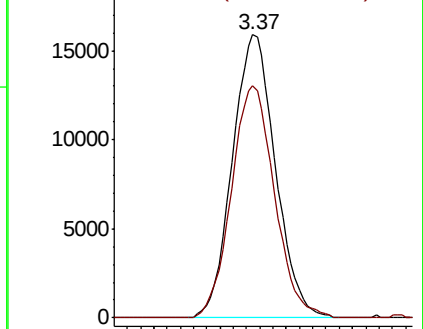
#8

Diethyl Ether
Concen: 19.412 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

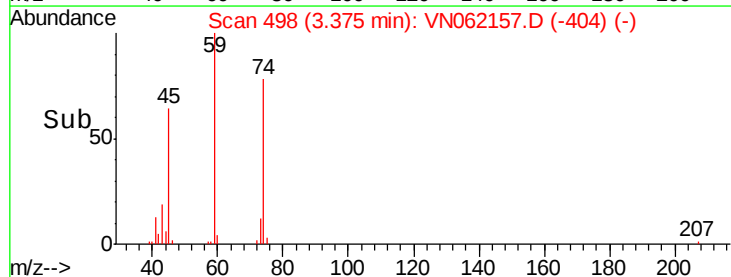
Tgt Ion: 74 Resp: 35867
Ion Ratio Lower Upper
74 100
45 82.1 42.5 127.5

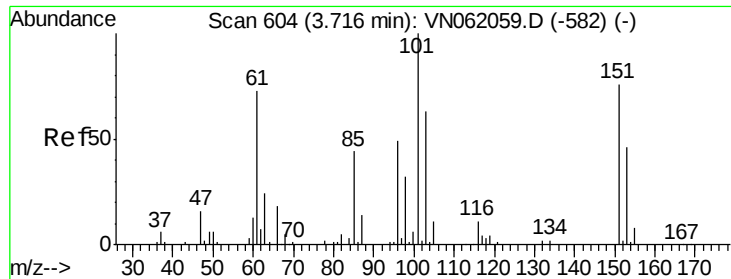


Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.123 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

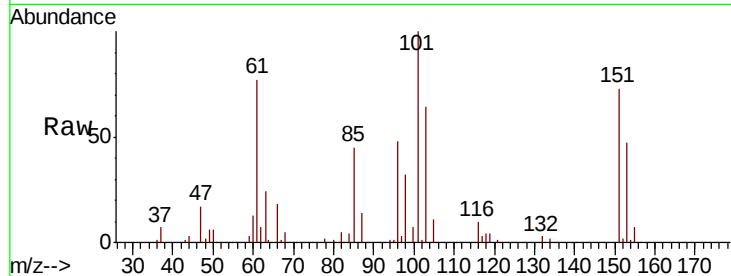
Tot Ion:101 Resp: 50218

Ion Ratio Lower Upper

101 100

85 44.2 34.5 51.7

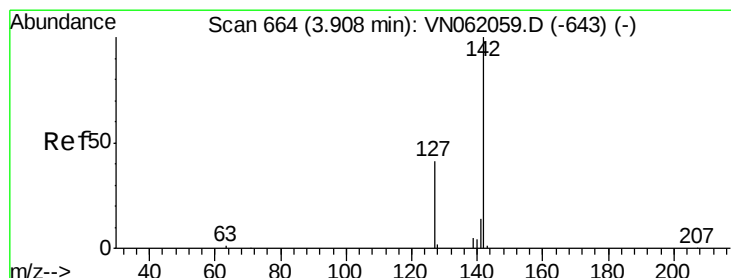
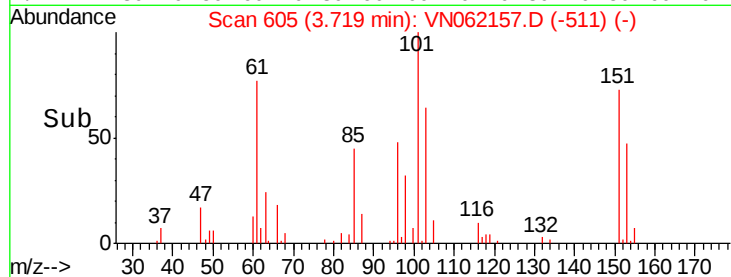
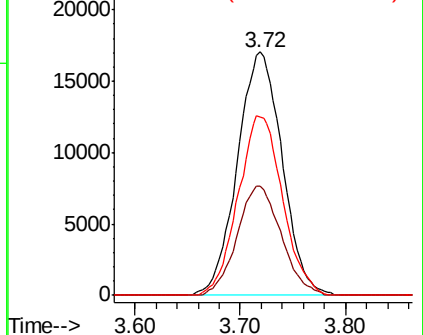
151 73.2 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.244 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

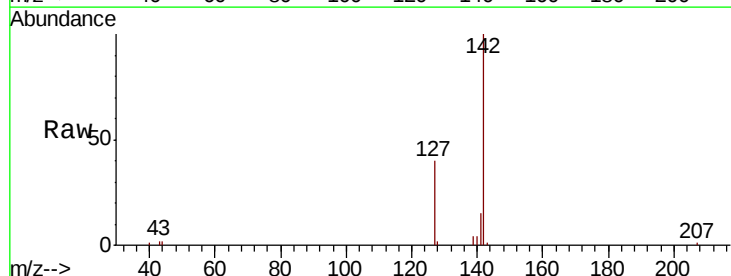
Tgt Ion:142 Resp: 60055

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

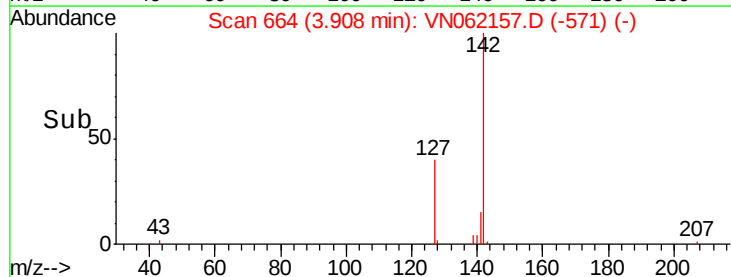
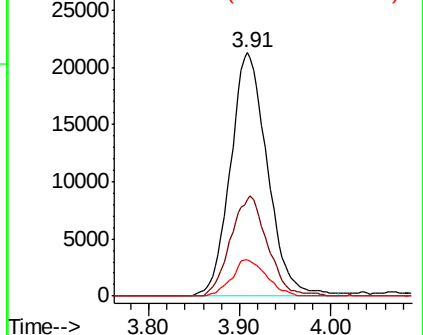
141 14.1 11.3 16.9

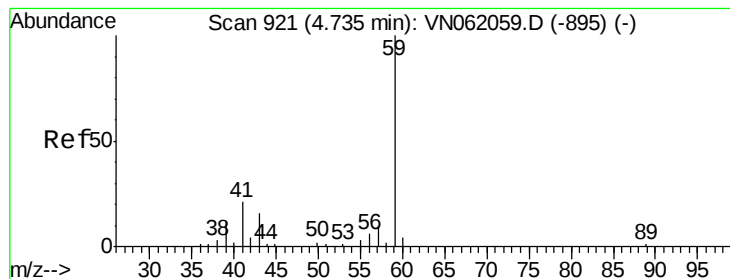


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.983 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampled :

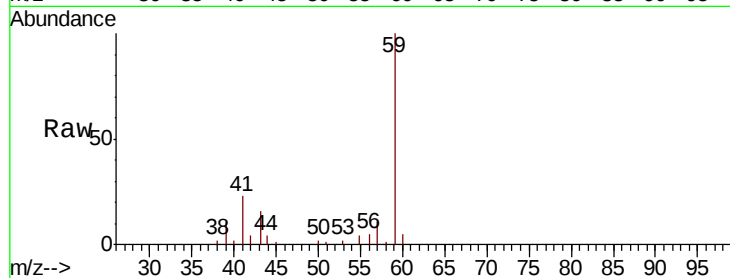
VN0626WBS02

Tot Ion: 59 Resp: 46169

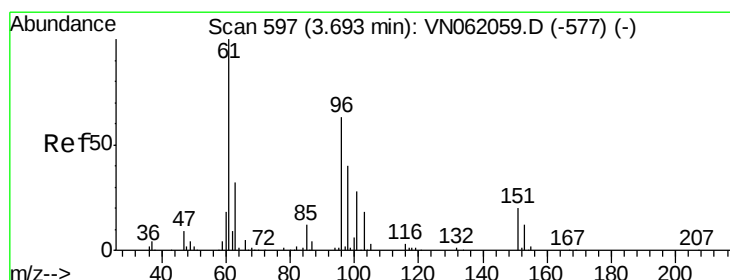
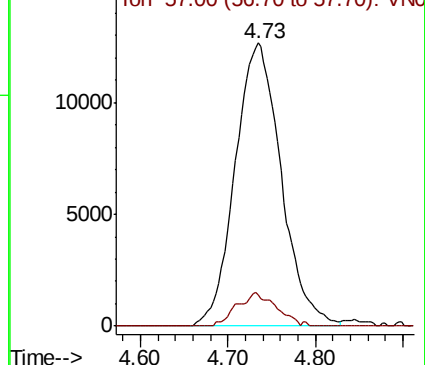
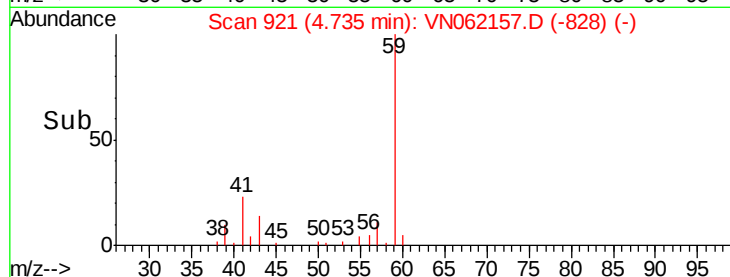
Ion Ratio Lower Upper

59 100

57 10.0 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062157.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 18.606 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

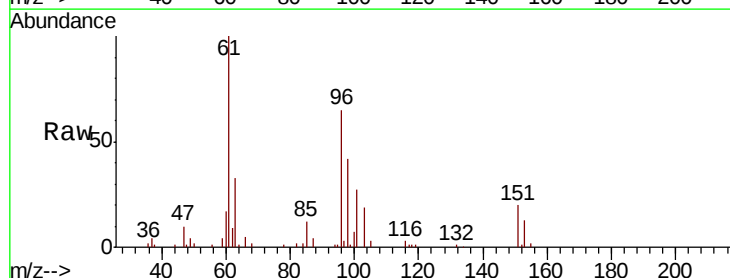
Tgt Ion: 96 Resp: 51541

Ion Ratio Lower Upper

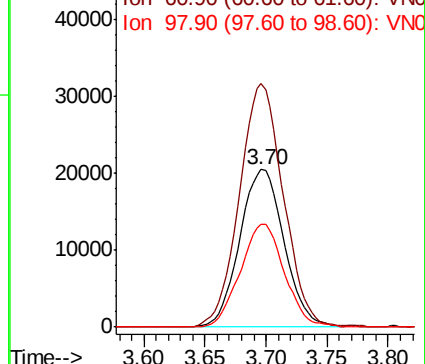
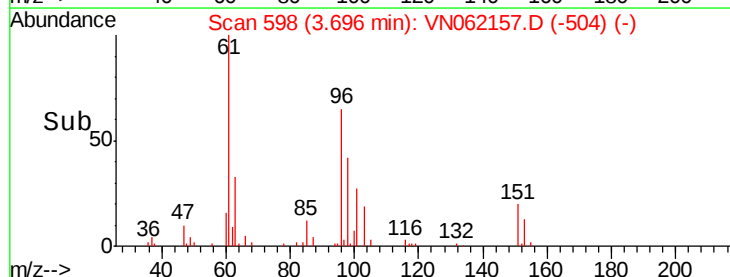
96 100

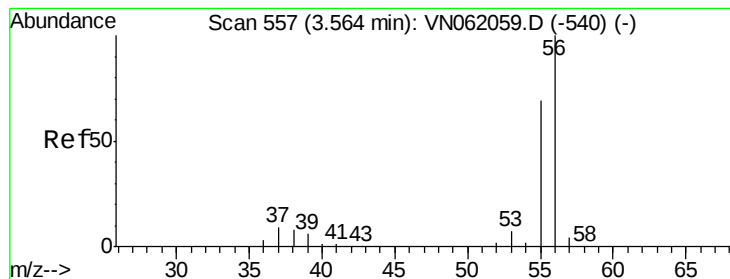
61 154.5 126.7 190.1

98 65.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062157.D (-504) (-)





#13

Acrolein

Concen: 76.207 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

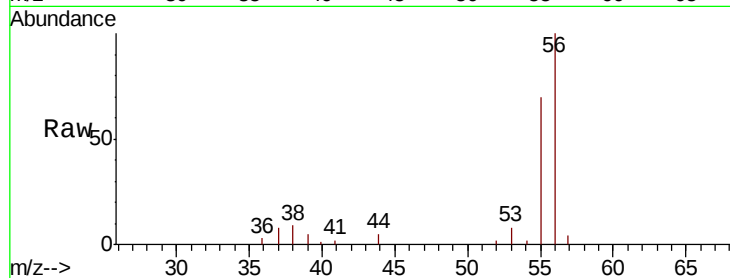
VN0626WBS02

Tot Ion: 56 Resp: 36267

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.57

15000

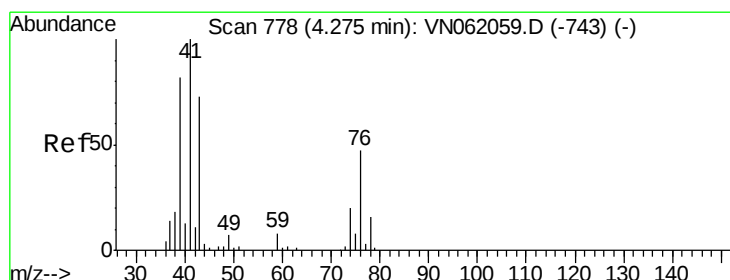
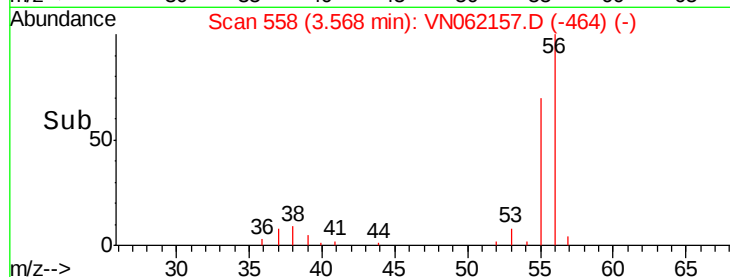
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 18.614 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

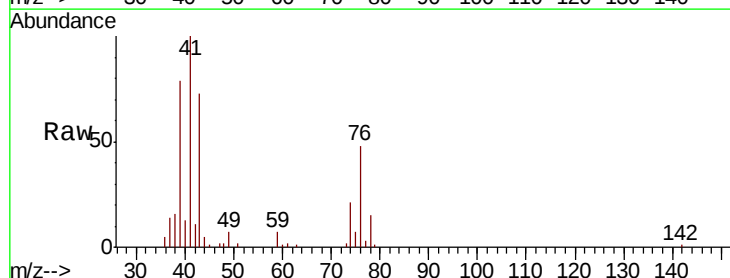
Tgt Ion: 41 Resp: 70201

Ion Ratio Lower Upper

41 100

39 74.8 60.0 90.0

76 43.1 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

30000

25000

20000

15000

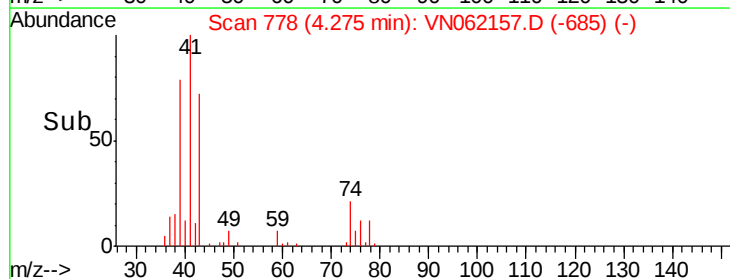
10000

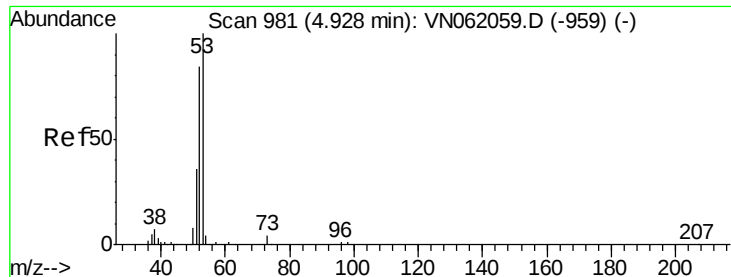
5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 93.636 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

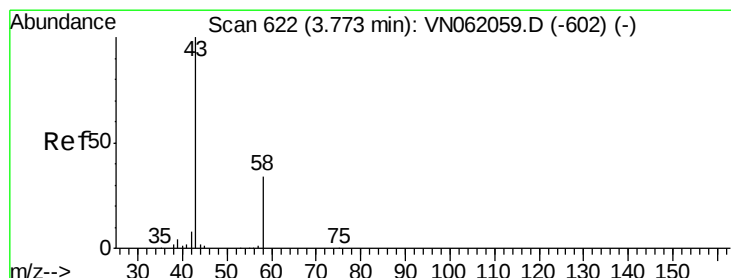
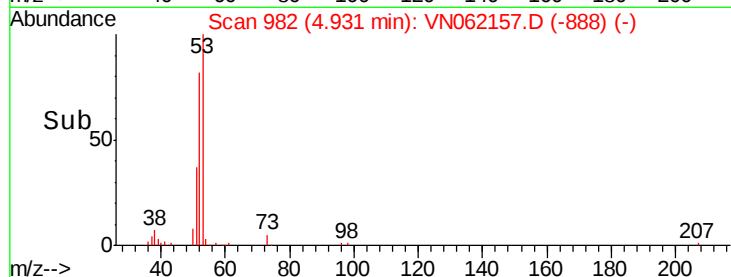
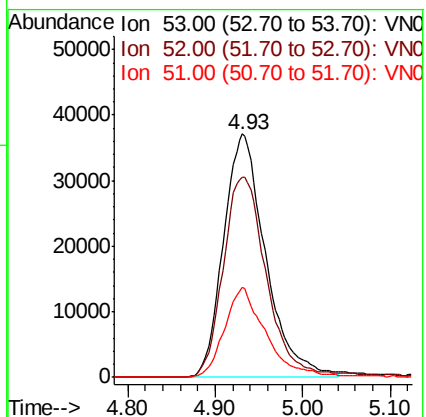
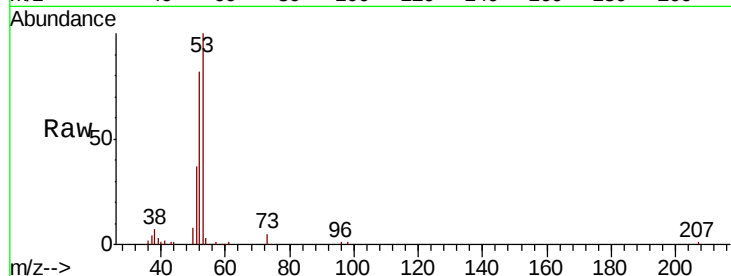
Tot Ion: 53 Resp: 124028

Ion Ratio Lower Upper

53 100

52 84.1 66.2 99.4

51 36.1 28.9 43.3



#16

Acetone

Concen: 88.490 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062157.D

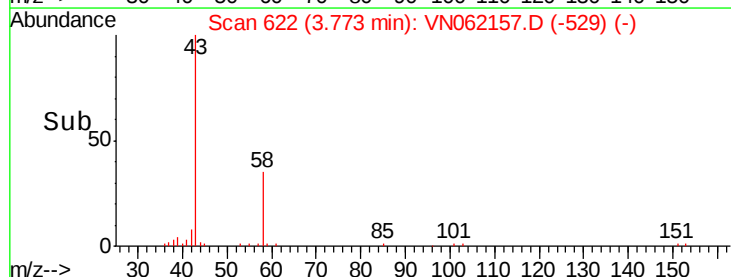
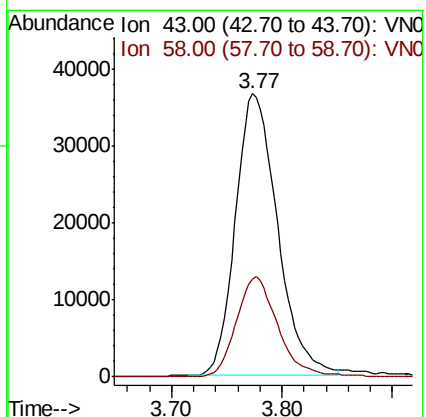
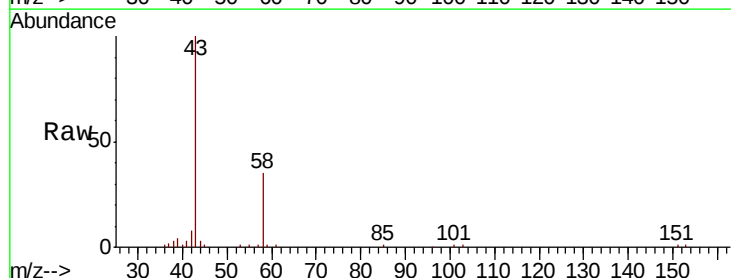
Acq: 26 Jun 2020 23:03

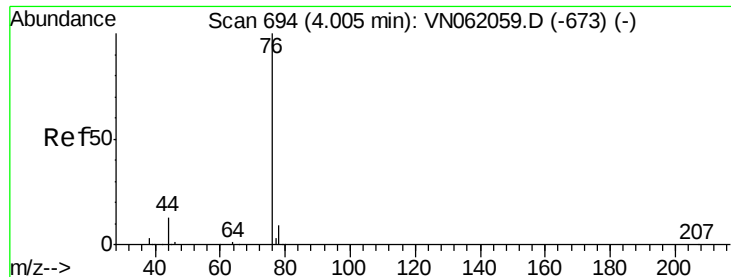
Tgt Ion: 43 Resp: 96815

Ion Ratio Lower Upper

43 100

58 34.8 27.5 41.3

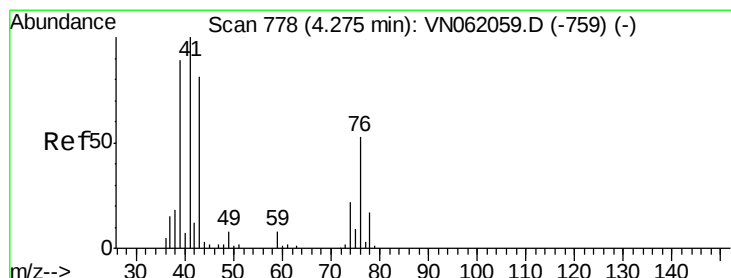
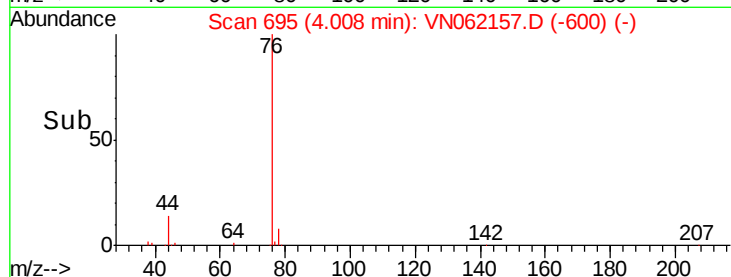
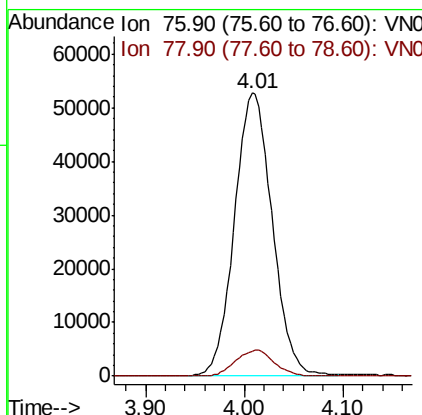
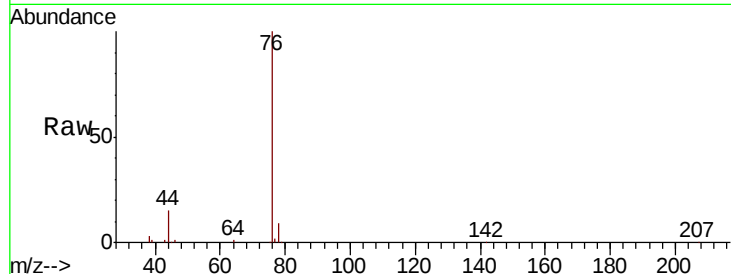




#17
Carbon Disulfide
Concen: 17.694 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

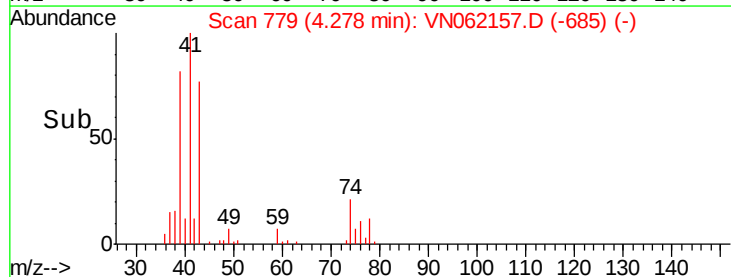
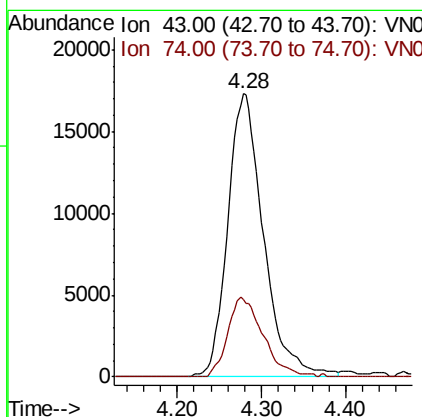
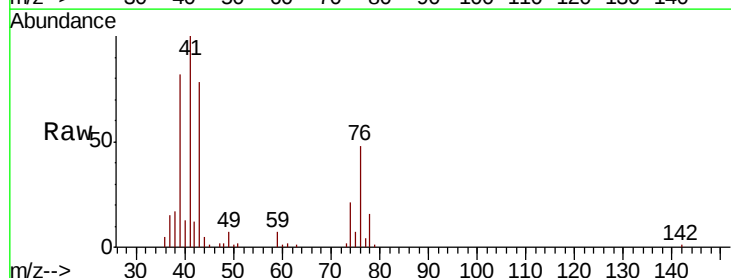
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

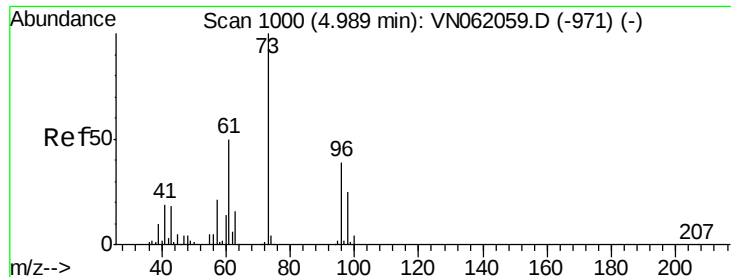
Tot Ion: 76 Resp: 140127
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.957 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 43 Resp: 51017
Ion Ratio Lower Upper
43 100
74 27.6 22.9 34.3

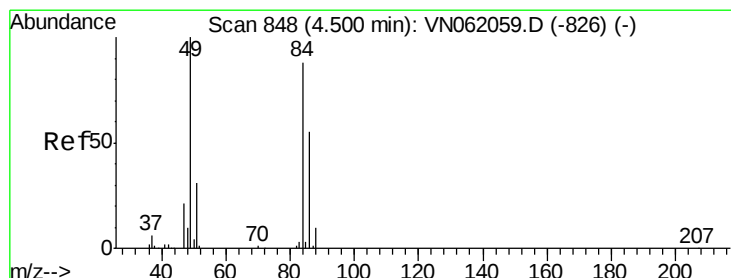
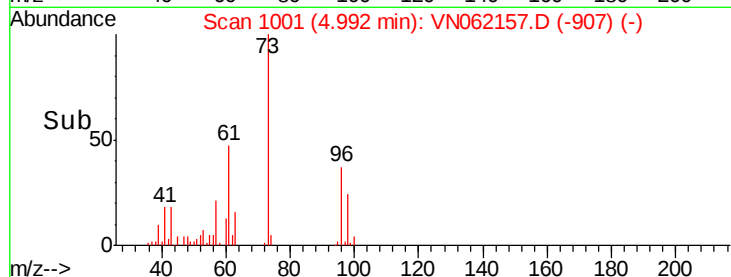
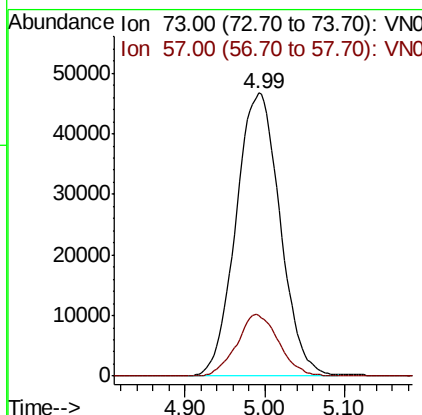
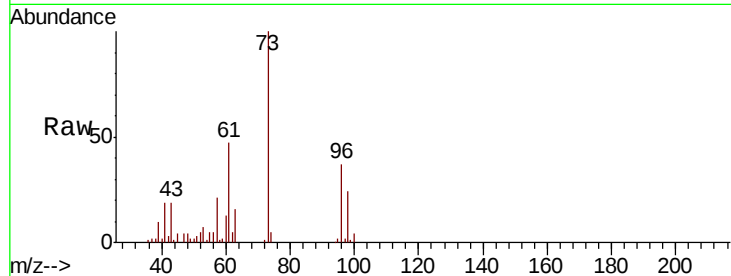




#19
Methvl tert-butvl Ether
Concen: 19.809 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

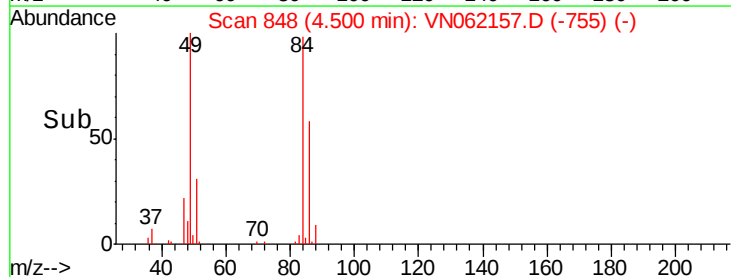
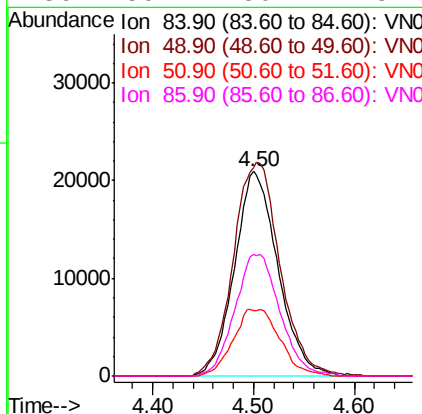
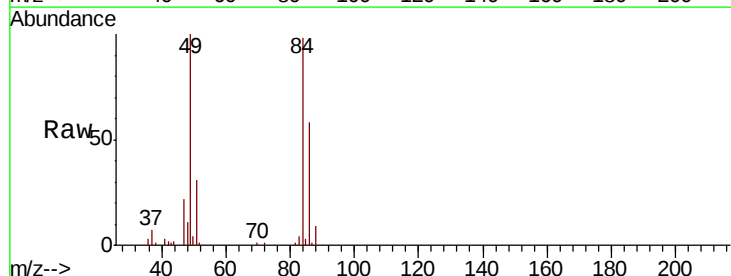
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

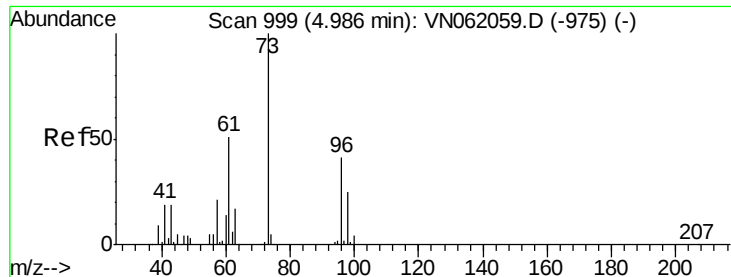
Tot Ion: 73 Resp: 175342
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8



#20
Methylene Chloride
Concen: 19.957 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 84 Resp: 62427
Ion Ratio Lower Upper
84 100
49 102.2 90.6 136.0
51 31.9 27.8 41.8
86 59.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.654 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

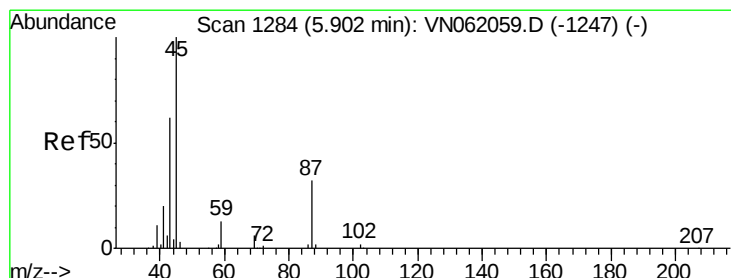
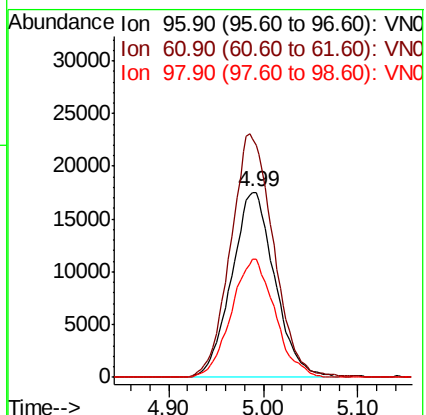
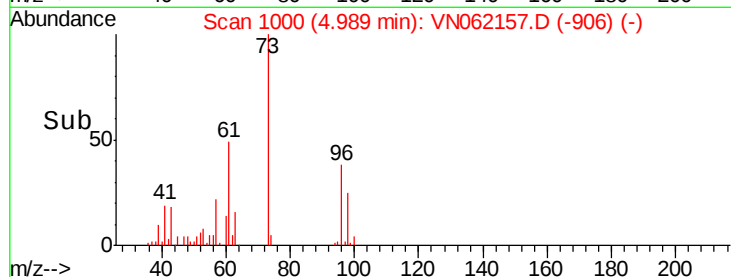
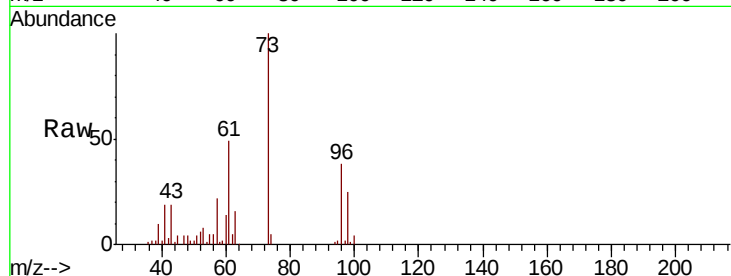
Tot Ion: 96 Resp: 55711

Ion Ratio Lower Upper

96 100

61 129.0 101.4 152.2

98 64.2 49.3 73.9



#22

Diisopropyl ether

Concen: 18.841 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion: 45 Resp: 161791

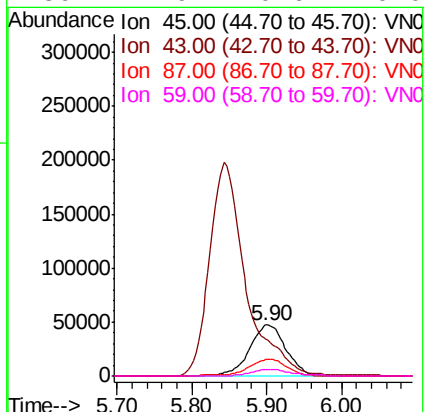
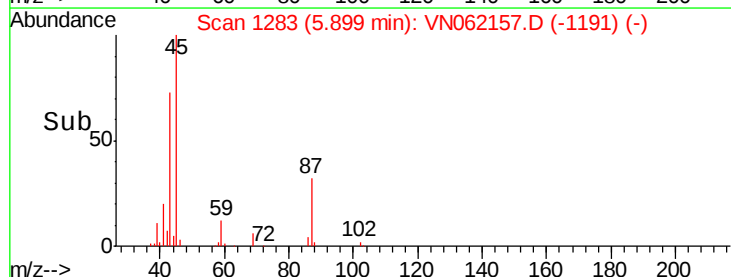
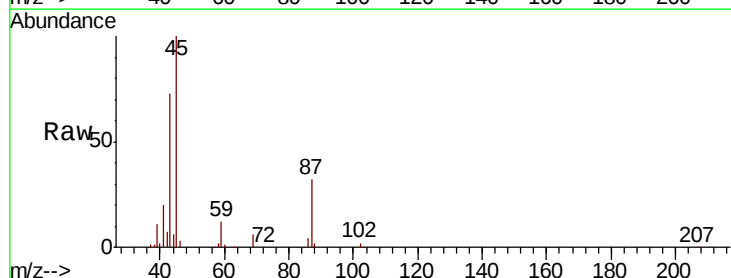
Ion Ratio Lower Upper

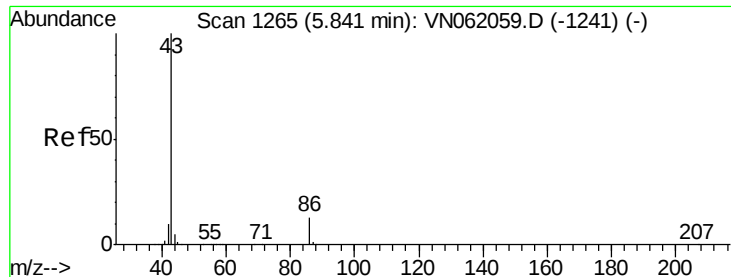
45 100

43 70.5 49.7 74.5

87 32.2 25.9 38.9

59 11.9 10.6 16.0





#23

Vinyl Acetate

Concen: 95.444 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

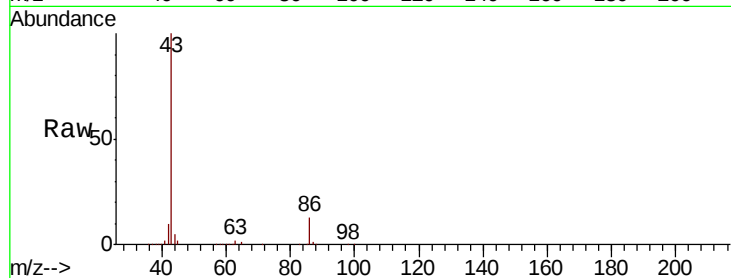
VN0626WBS02

Tot Ion: 43 Resp: 669149

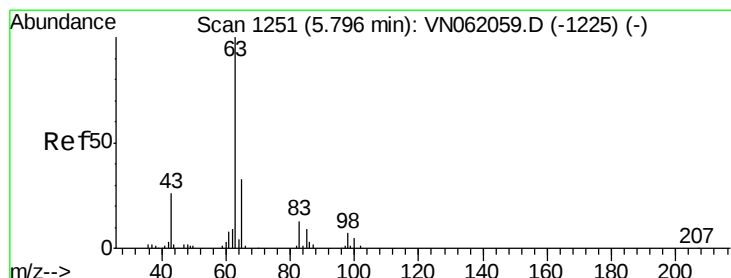
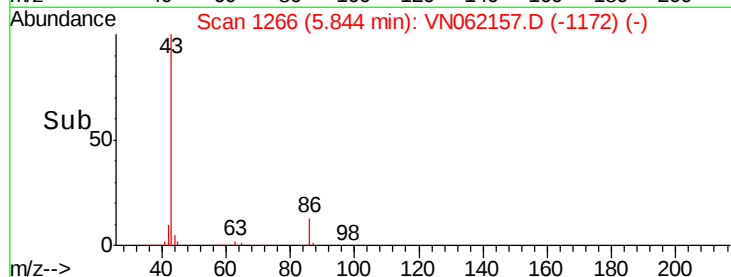
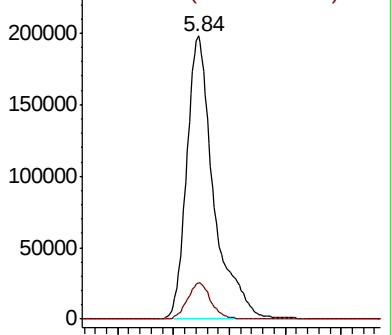
Ion Ratio Lower Upper

43 100

86 12.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062157.D (-1172) (-)



#24

1,1-Dichloroethane

Concen: 18.718 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

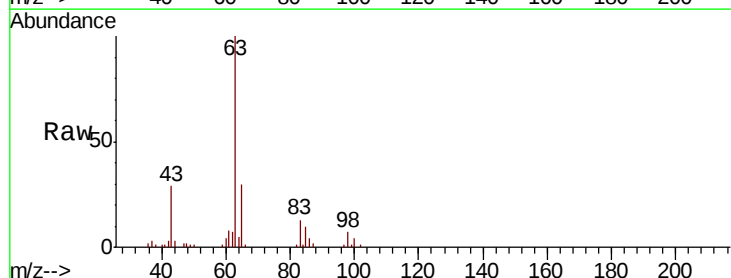
Tgt Ion: 63 Resp: 103501

Ion Ratio Lower Upper

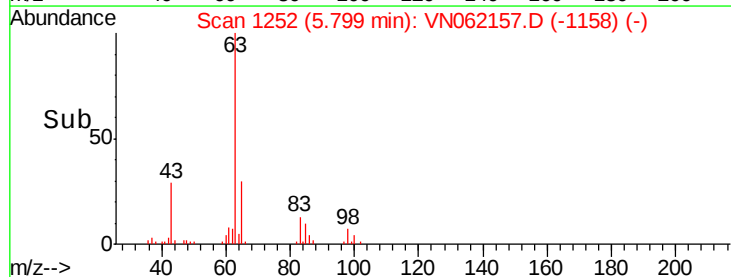
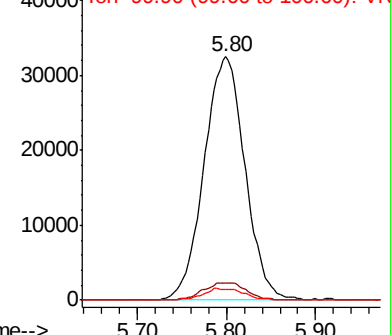
63 100

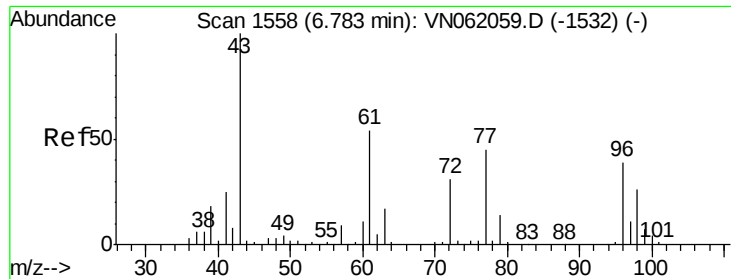
98 7.1 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062157.D (-1158) (-)

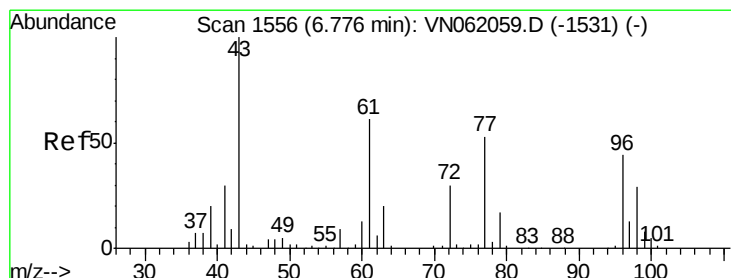
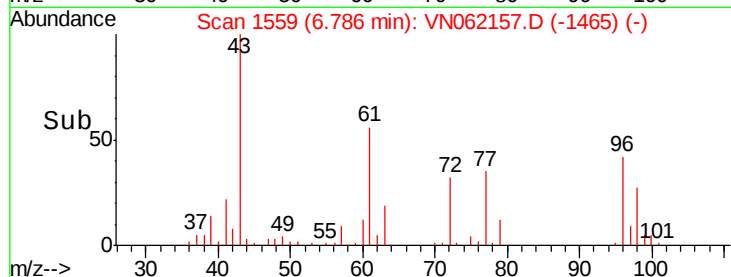
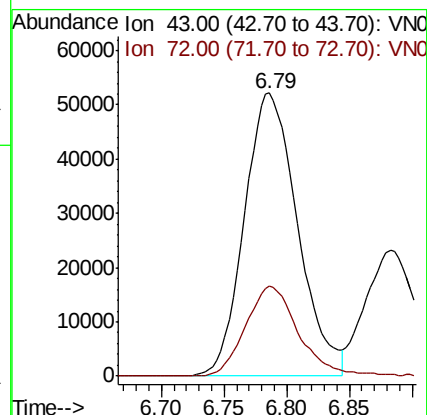
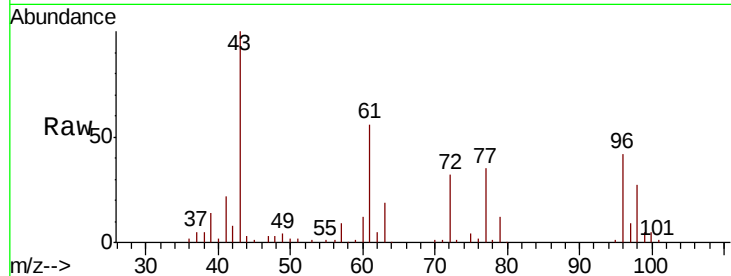




#25
2-Butanone
Concen: 92.299 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

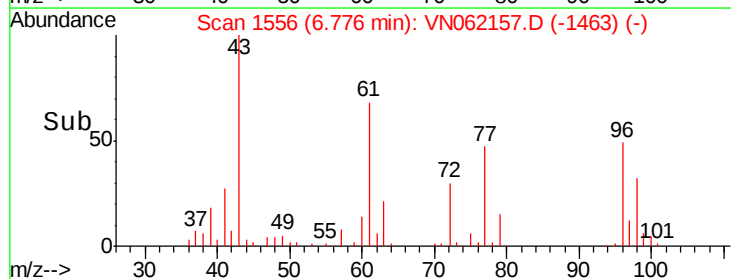
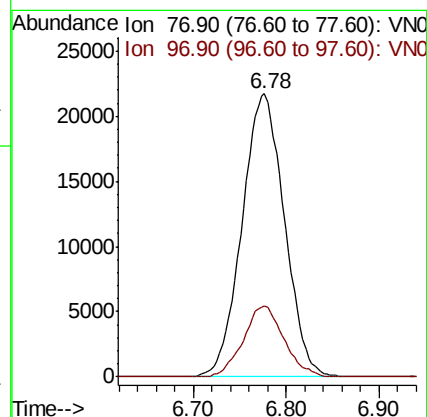
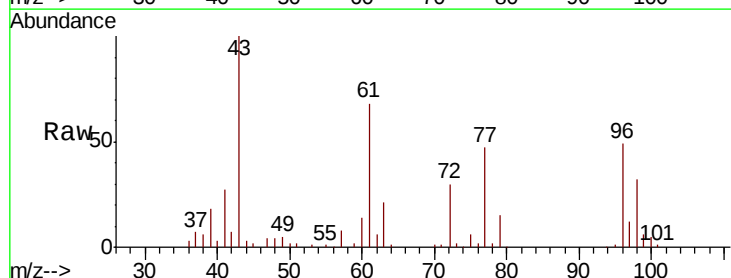
Instrument :
MSVOA_N
ClientSampled :
VN0626WBS02

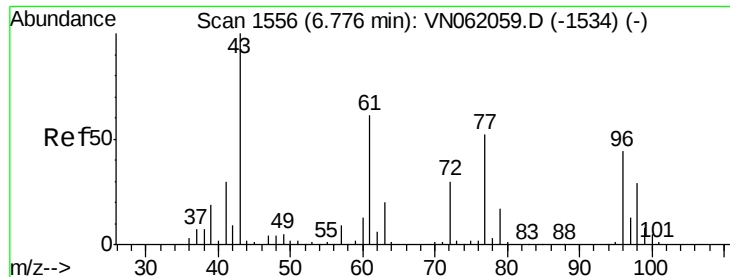
Tot Ion: 43 Resp: 152734
Ion Ratio Lower Upper
43 100
72 31.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 14.956 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 77 Resp: 68916
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.987 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

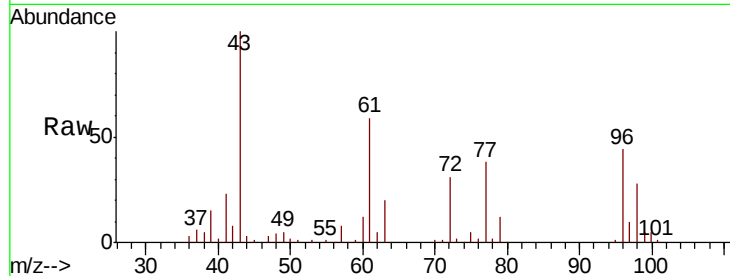
Tot Ion: 96 Resp: 67420

Ion Ratio Lower Upper

96 100

61 135.7 0.0 280.4

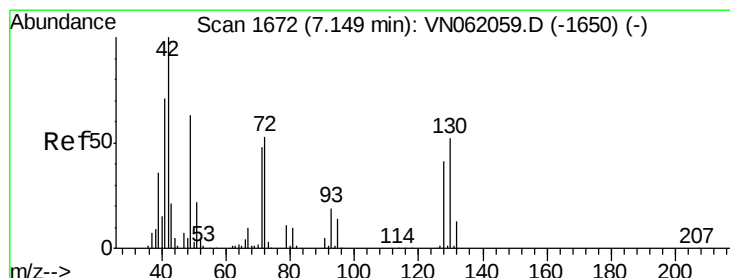
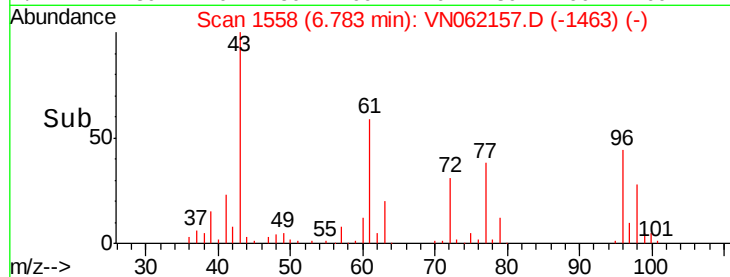
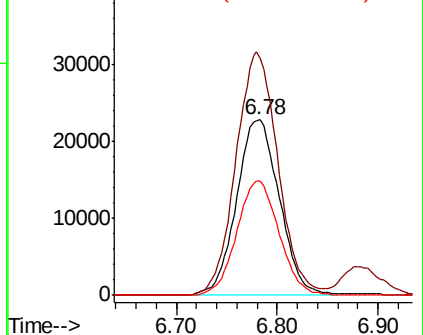
98 64.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 17.594 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

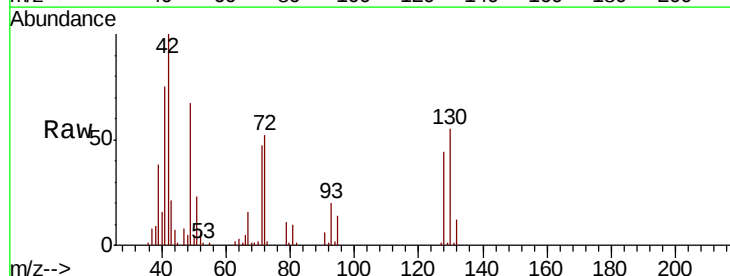
Tgt Ion: 49 Resp: 42212

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

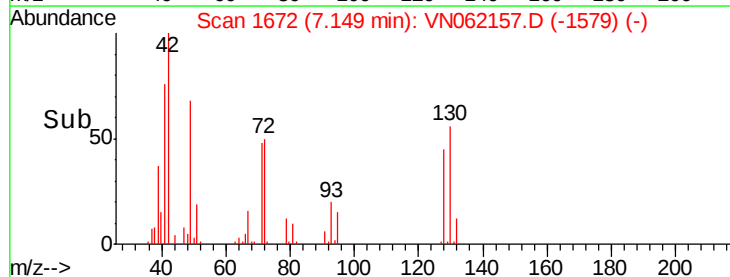
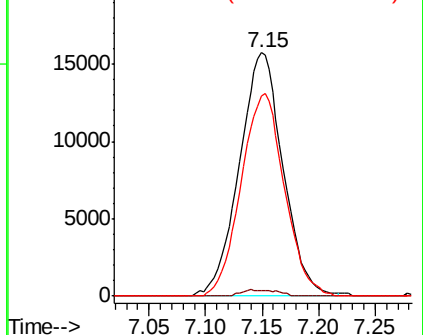
130 82.5 65.5 98.3

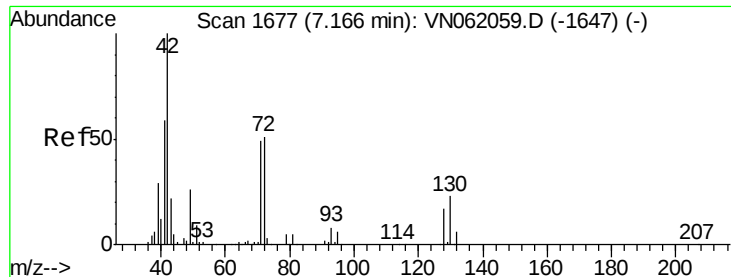


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

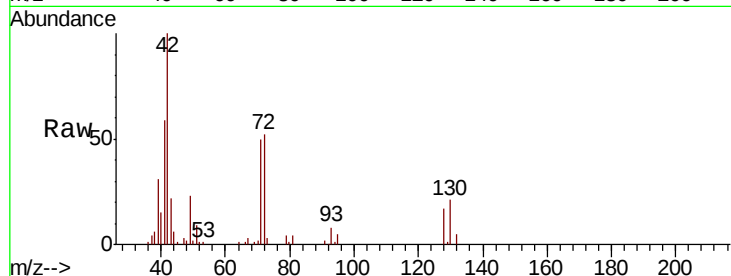




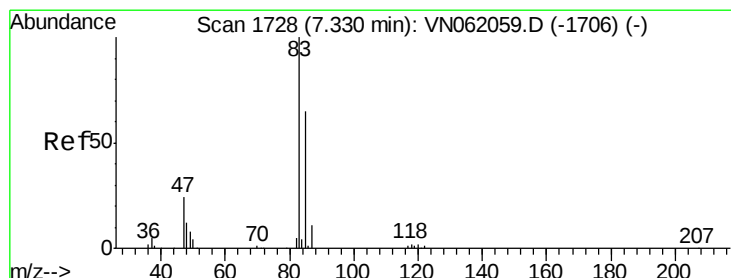
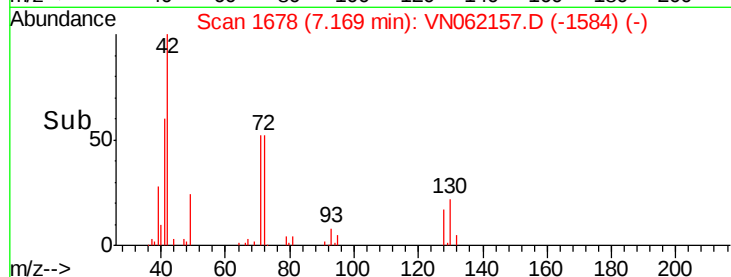
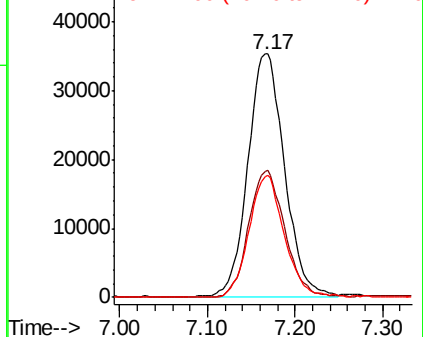
#29
Tetrahydrofuran
Concen: 95.500 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion: 42 Resp: 103518
Ion Ratio Lower Upper
42 100
72 51.1 41.1 61.7
71 47.8 38.2 57.4

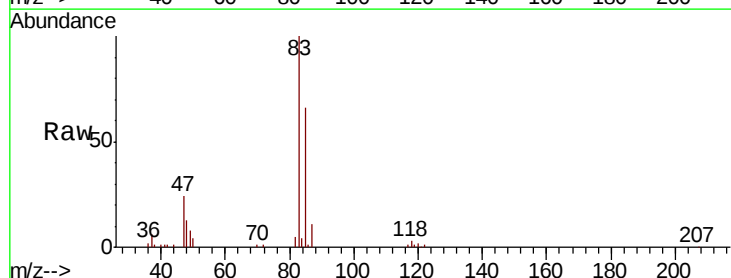


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

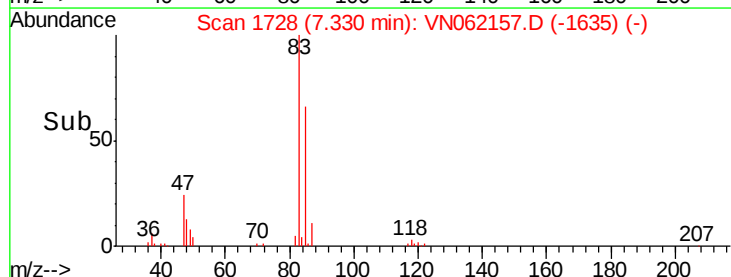
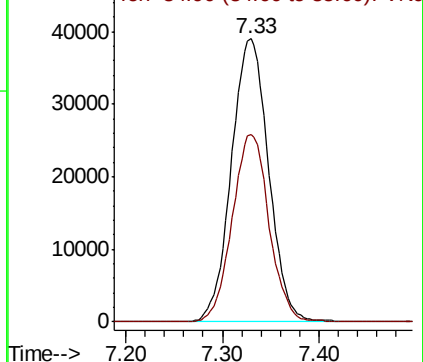


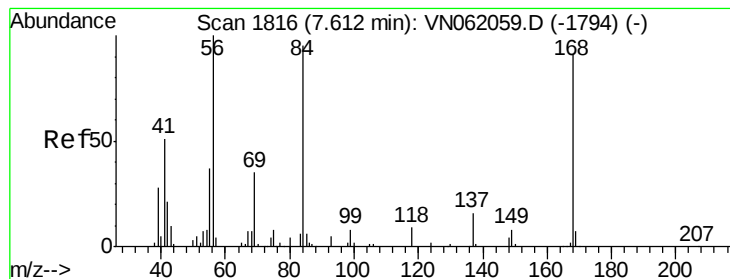
#30
Chloroform
Concen: 18.516 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 83 Resp: 104172
Ion Ratio Lower Upper
83 100
85 66.3 52.3 78.5



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





#31

Cyclohexane

Concen: 18.247 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

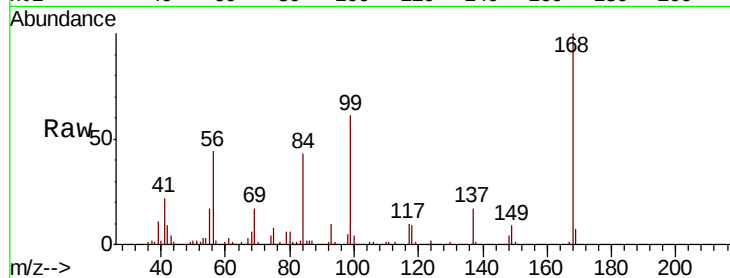
Tot Ion: 56 Resp: 85349

Ion Ratio Lower Upper

56 100

69 39.6 28.0 42.0

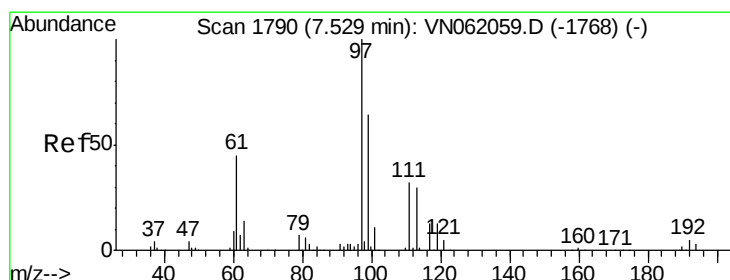
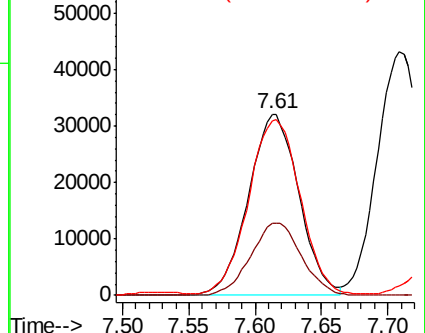
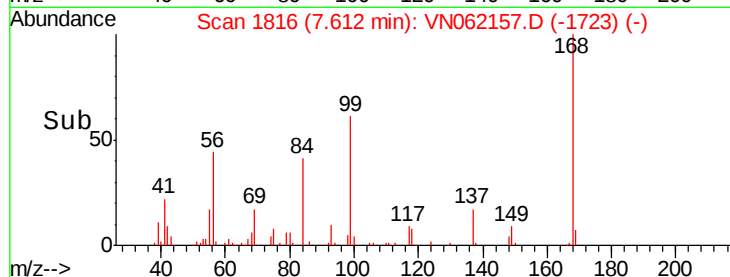
84 95.8 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062157.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062157.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062157.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.975 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

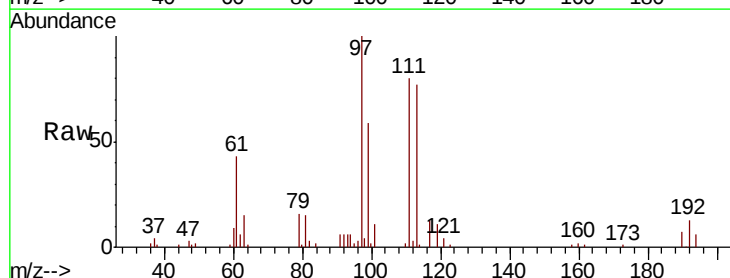
Tgt Ion: 97 Resp: 90026

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

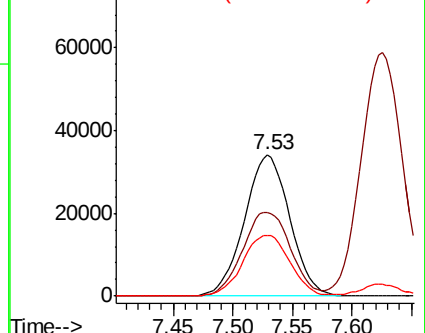
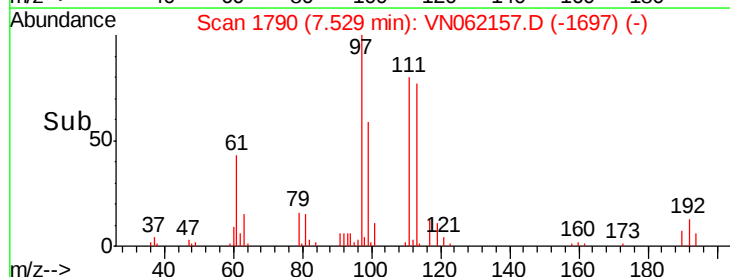
61 44.9 36.2 54.2

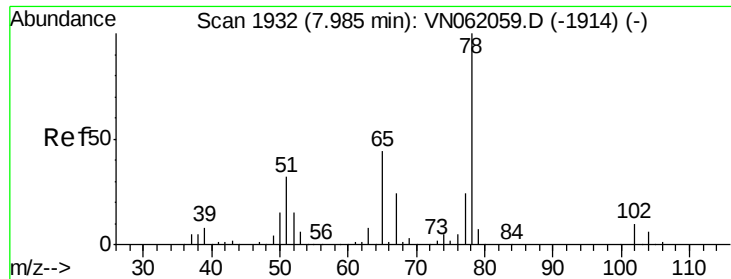


Abundance Ion 96.90 (96.60 to 97.60): VN062157.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062157.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062157.D (-1697) (-)

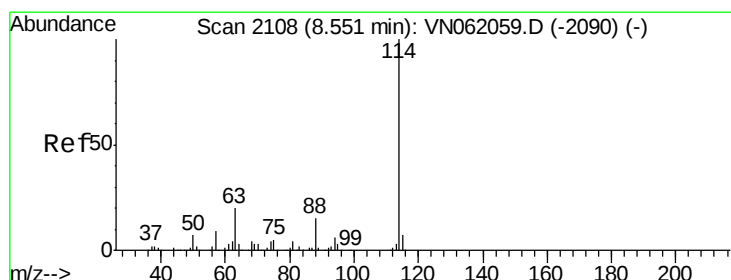
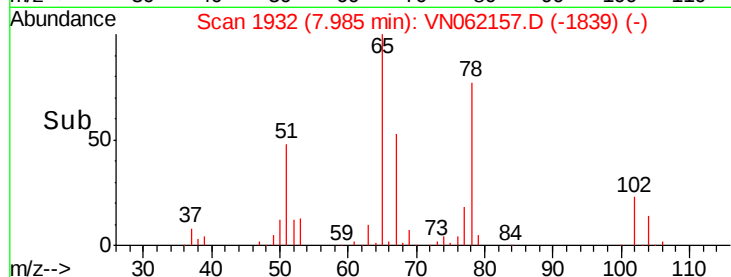
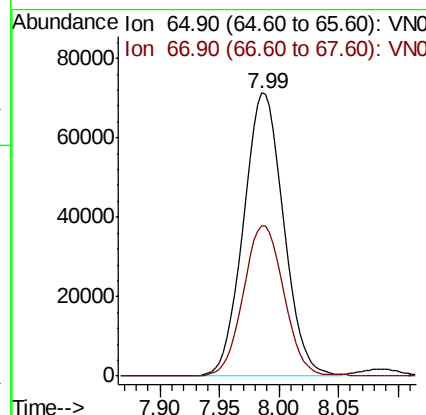
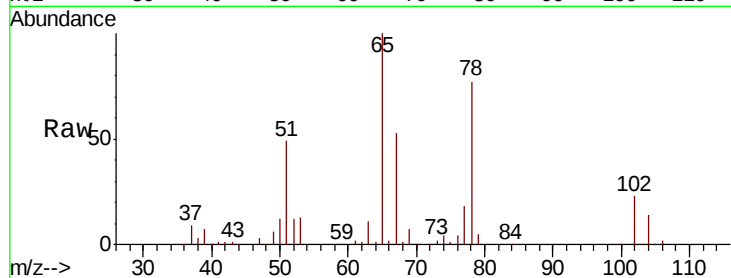




#33
 1,2-Dichloroethane-d4
 Concen: 49.230 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

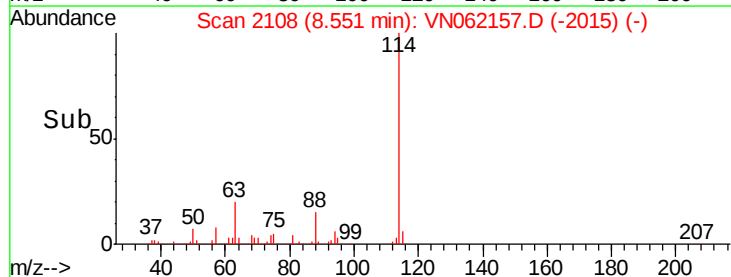
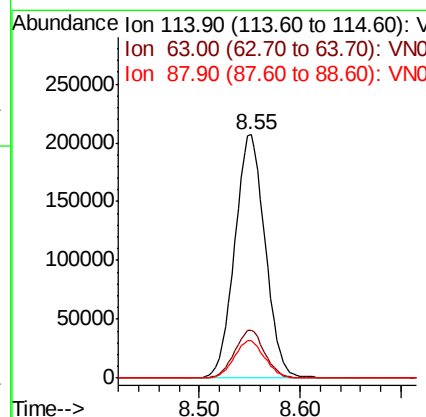
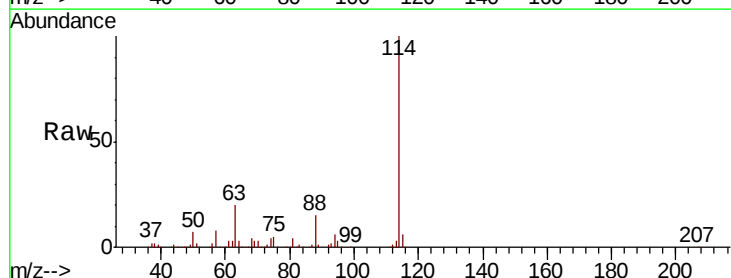
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

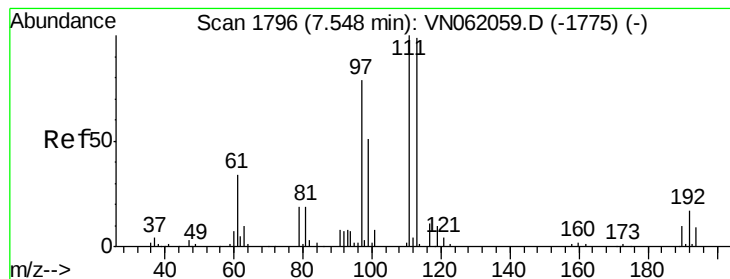
Tot Ion: 65 Resp: 166667
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 114 Resp: 433835
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.388 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

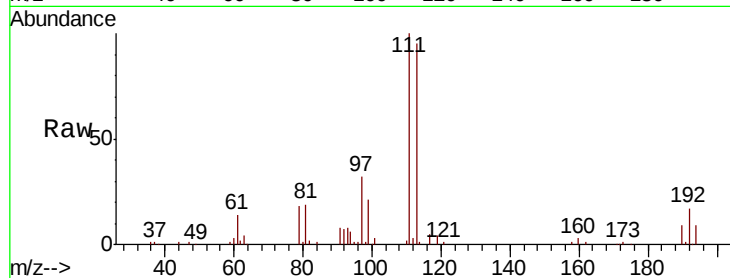
Tot Ion:113 Resp: 137460

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

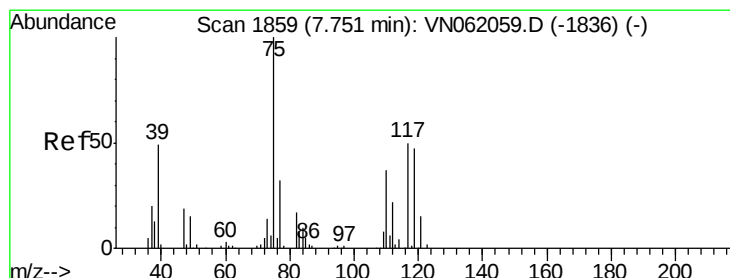
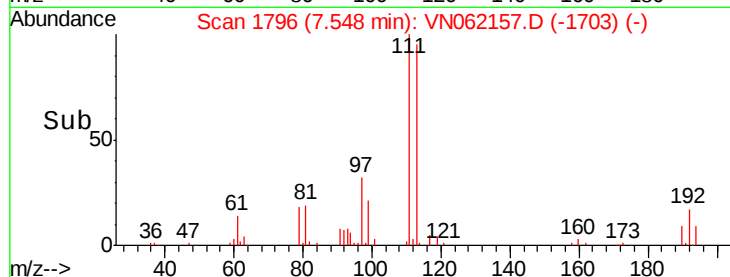
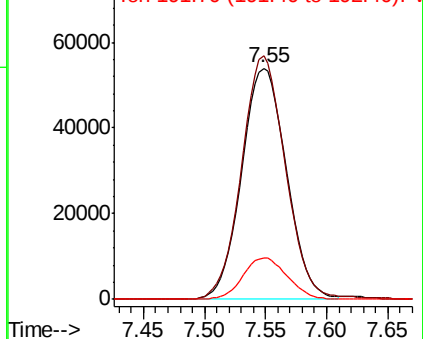
192 17.7 14.0 21.0



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: 17.441 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

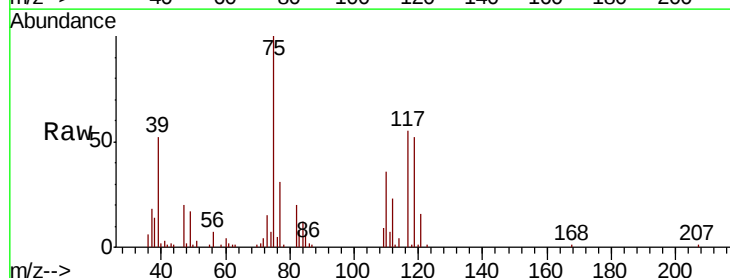
Tgt Ion: 75 Resp: 76055

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.8

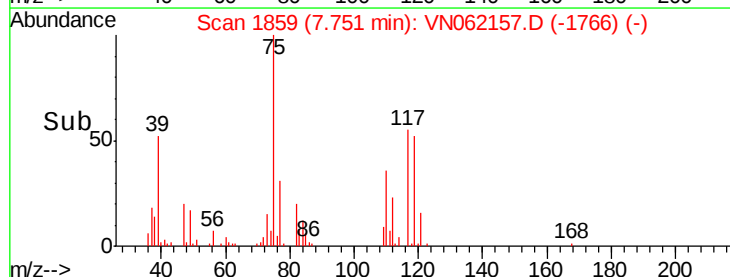
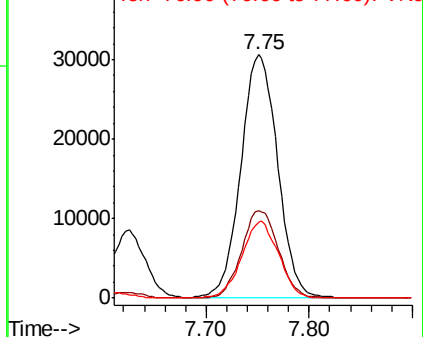
77 31.4 24.9 37.3

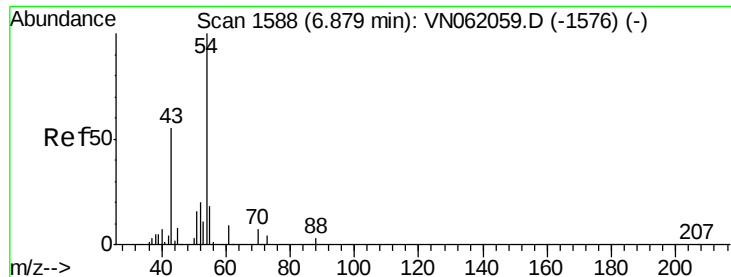


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

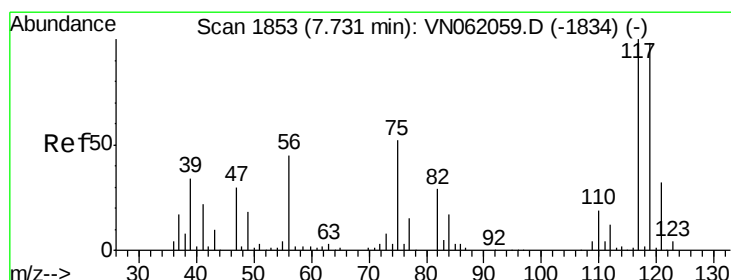
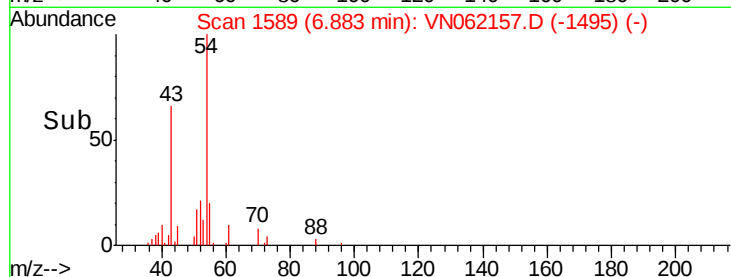
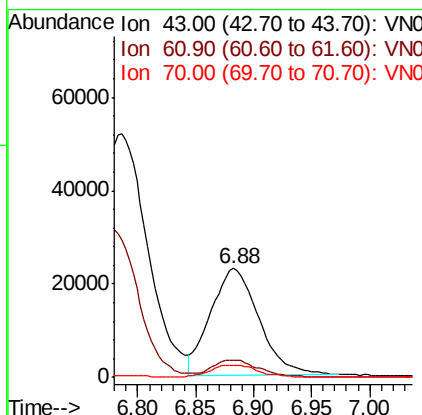
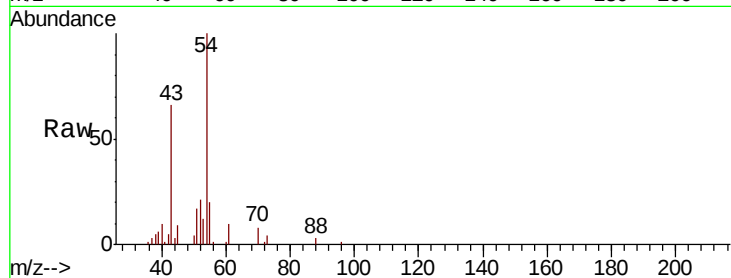




#37
Ethyl Acetate
Concen: 18.338 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

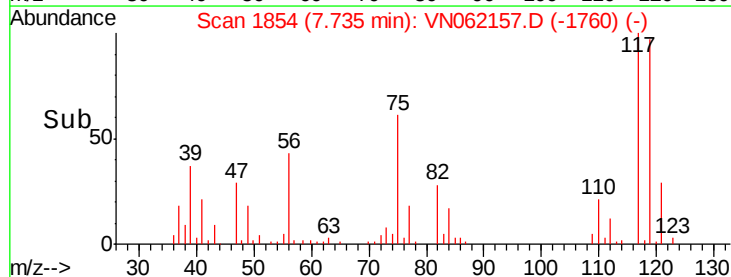
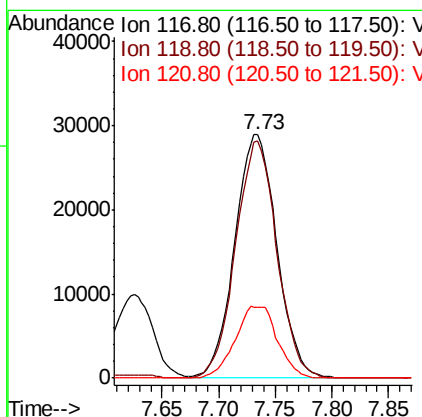
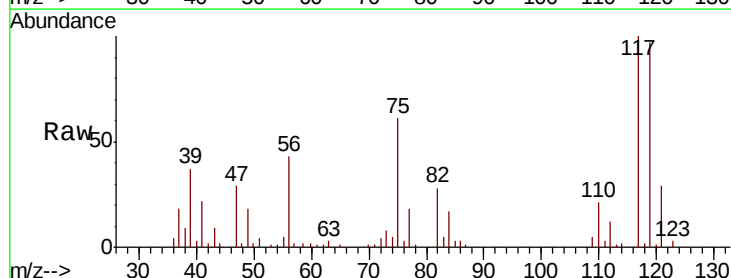
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

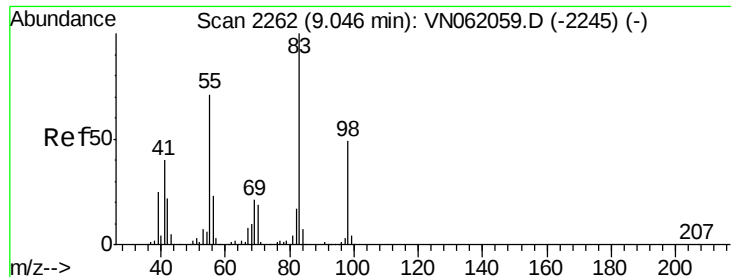
Tot Ion: 43 Resp: 66217
Ion Ratio Lower Upper
43 100
61 16.1 12.0 18.0
70 11.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 18.239 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 117 Resp: 74985
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 28.9 25.8 38.6

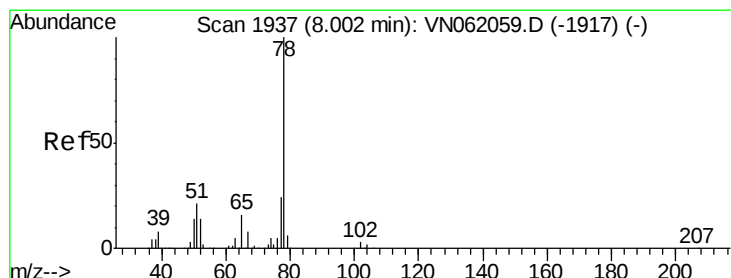
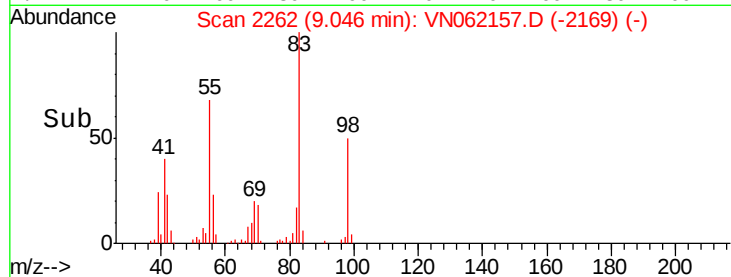
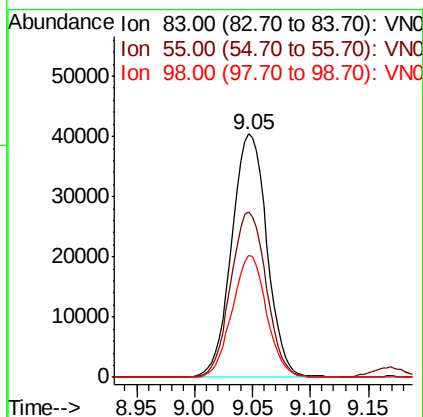
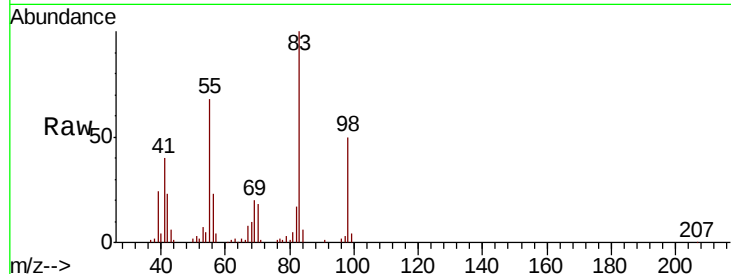




#39
Methvlcvclohexane
Concen: 17.930 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

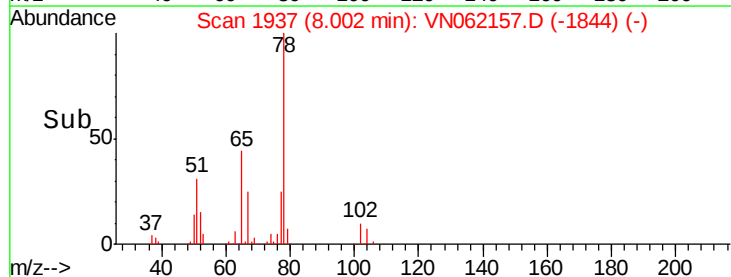
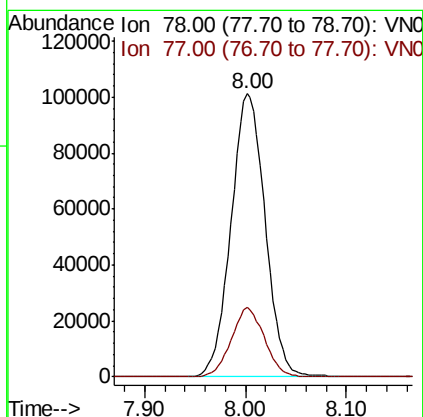
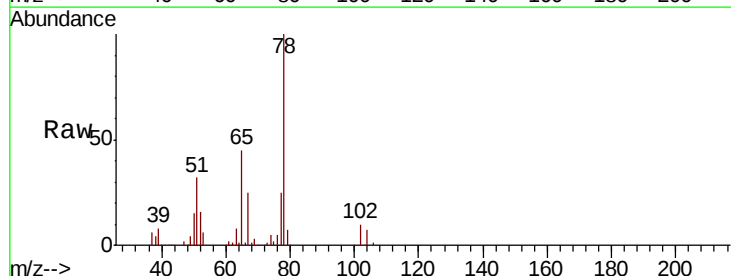
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

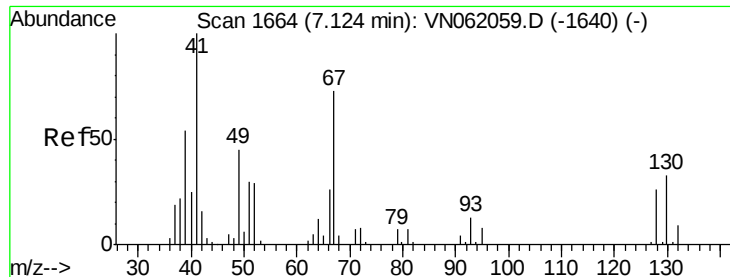
Tot Ion	83	Resp	85667
Ion	Ratio	Lower	Upper
83	100		
55	68.0	57.0	85.6
98	50.1	39.0	58.6



#40
Benzene
Concen: 17.898 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion	78	Resp	237891
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3

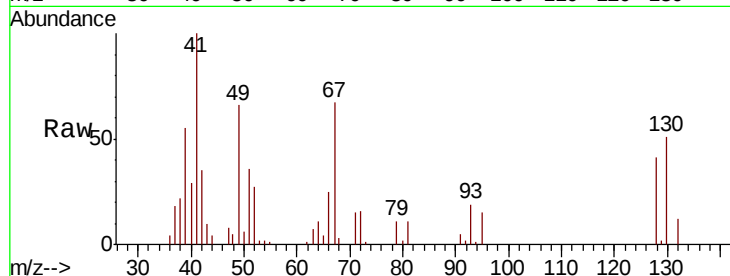




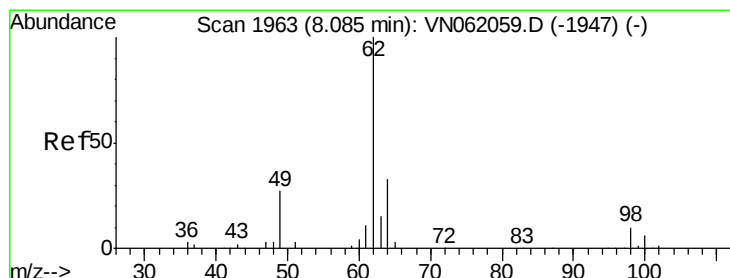
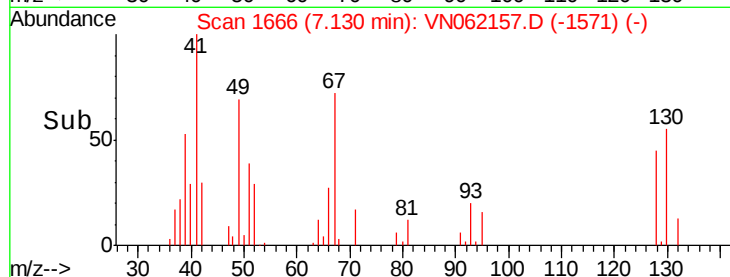
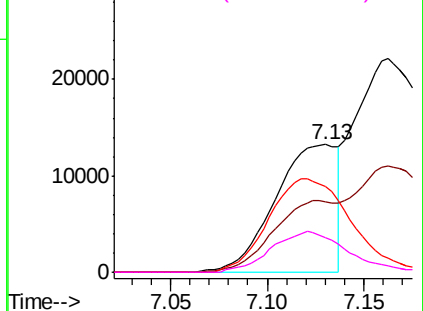
#41
Methacrylonitrile
Concen: 17.724 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion:	41	Resp:	29671
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.2	66.2
67	98.0	79.5	119.3
52	39.8	32.3	48.5

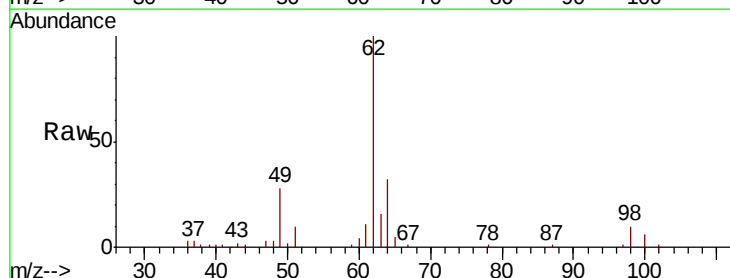


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

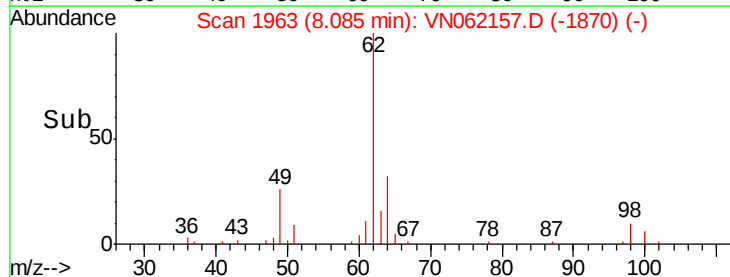
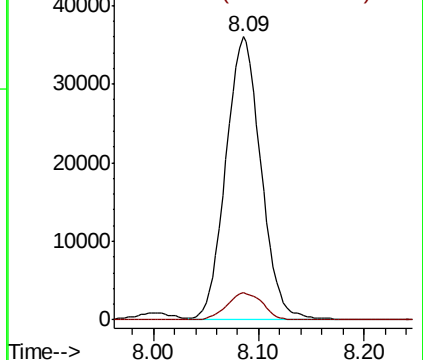


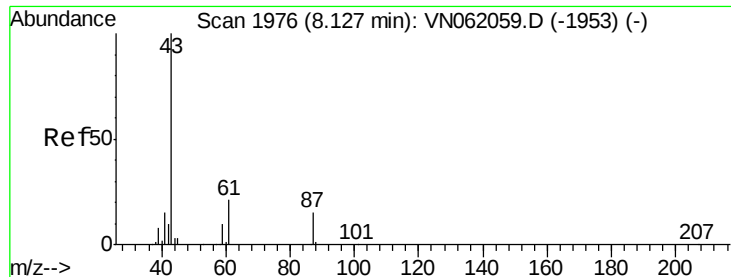
#42
1,2-Dichloroethane
Concen: 18.540 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:	62	Resp:	83258
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 18.745 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

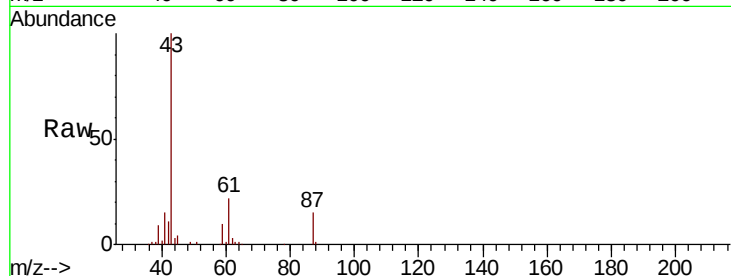
Tot Ion: 43 Resp: 110341

Ion Ratio Lower Upper

43 100

61 29.9 17.2 25.8#

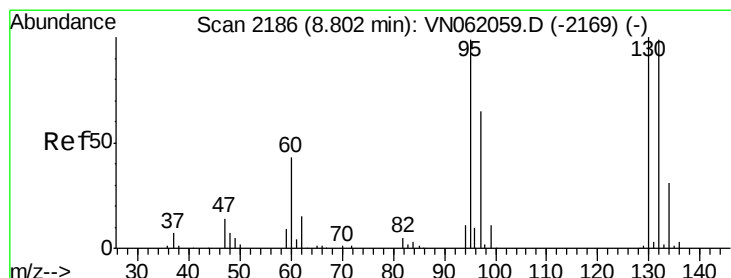
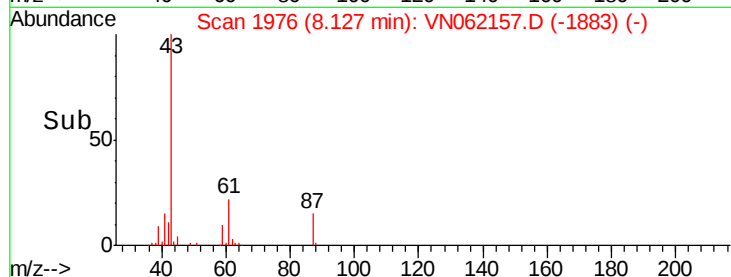
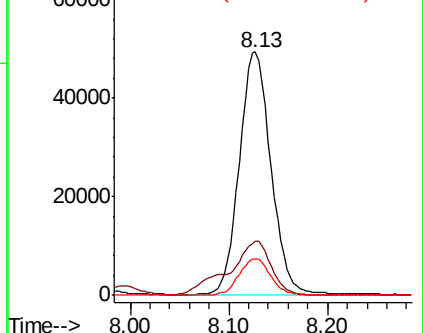
87 14.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 18.530 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062157.D

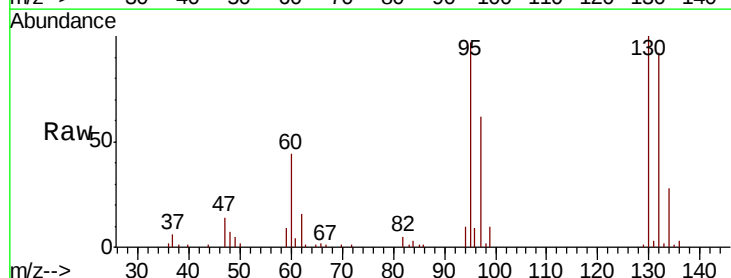
Acq: 26 Jun 2020 23:03

Tgt Ion:130 Resp: 62126

Ion Ratio Lower Upper

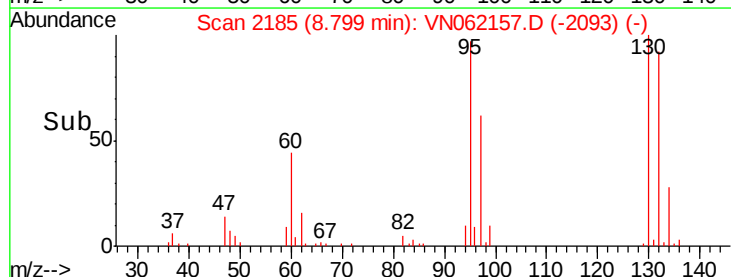
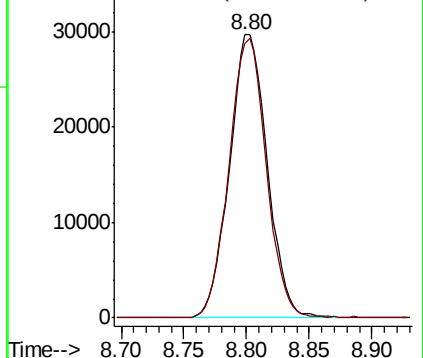
130 100

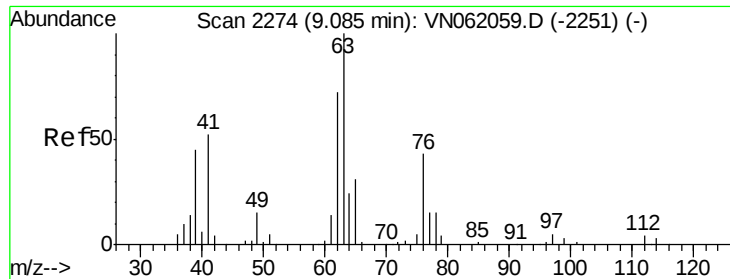
95 96.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

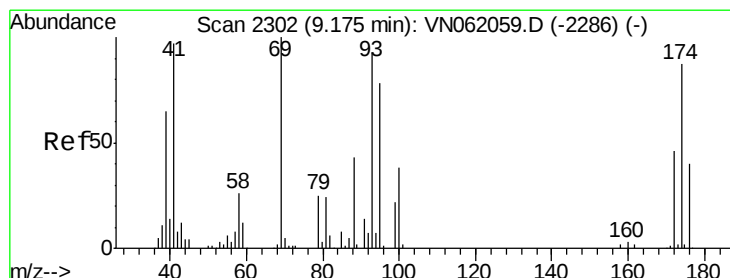
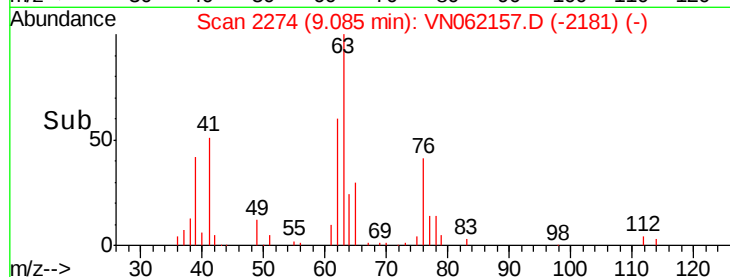
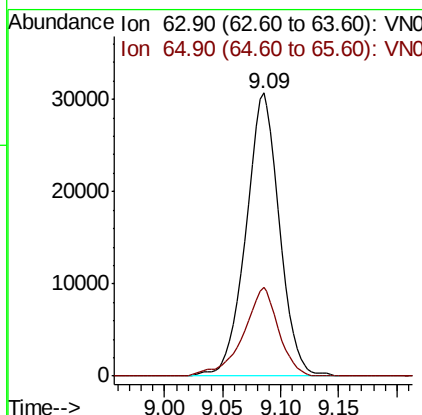
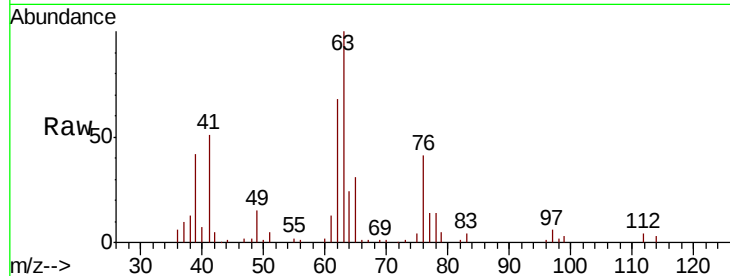




#45
 1,2-Dichloropropane
 Concen: 18.847 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

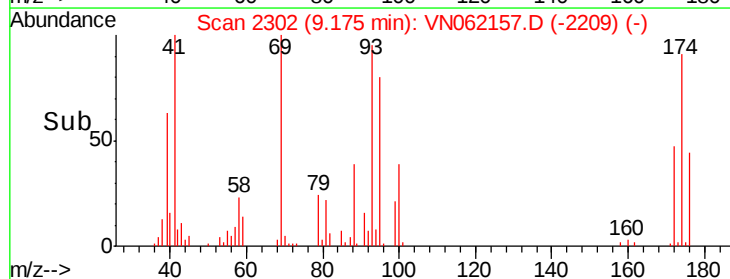
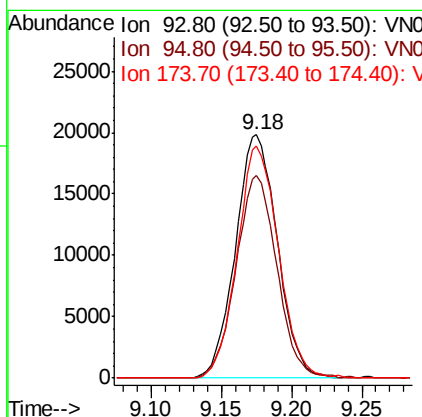
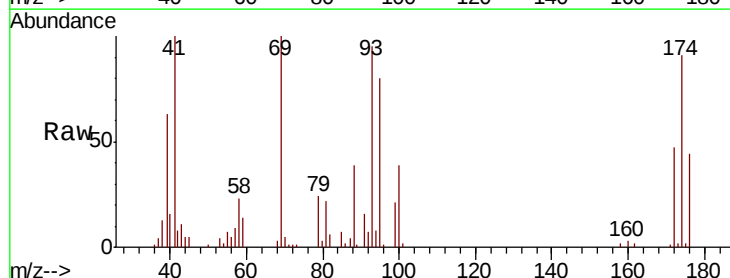
Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS02

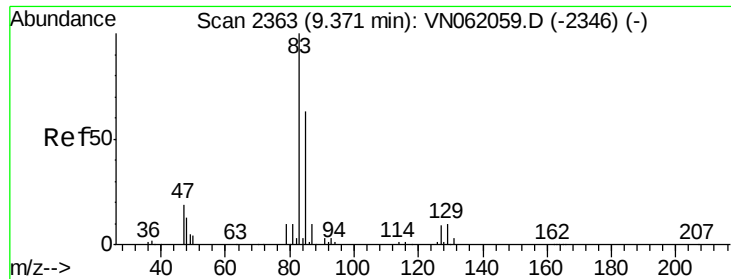
Tot Ion: 63 Resp: 61799
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 18.532 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 93 Resp: 41199
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.0 100.6
 174 93.8 74.4 111.6





#47

Bromodichloromethane

Concen: 18.293 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

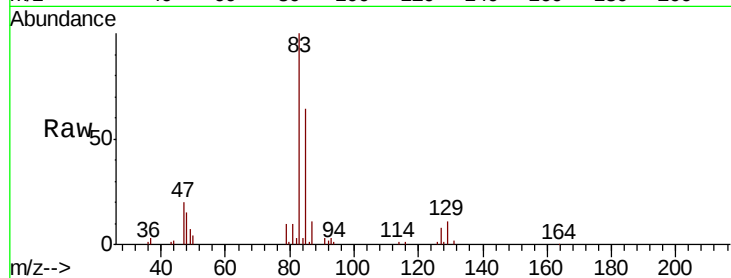
Tot Ion: 83 Resp: 82114

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

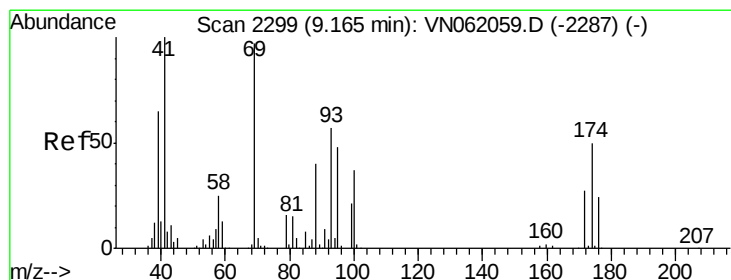
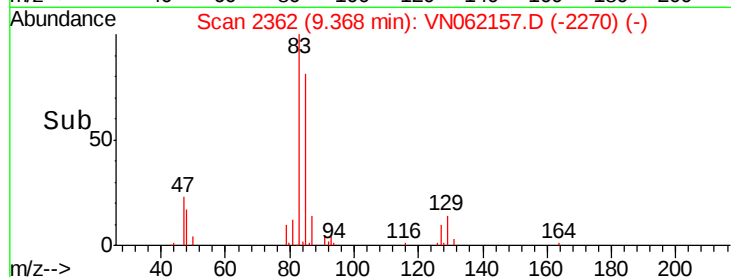
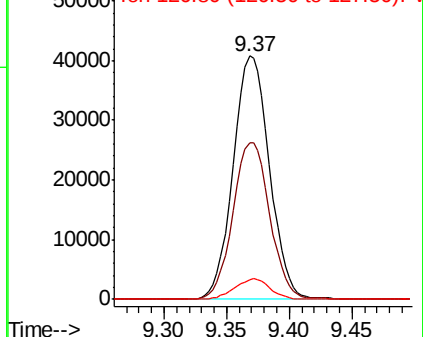
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062157.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062157.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062157.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.372 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

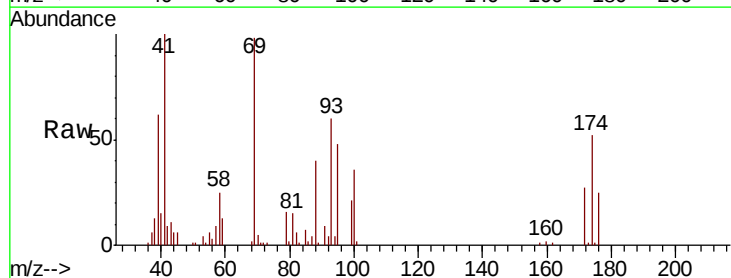
Tgt Ion: 41 Resp: 48488

Ion Ratio Lower Upper

41 100

69 100.9 80.7 121.1

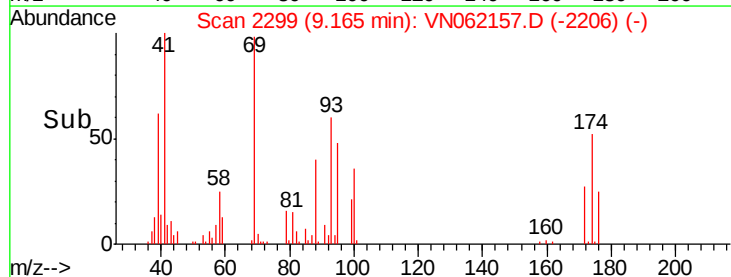
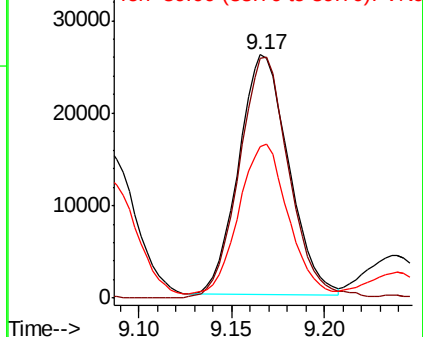
39 64.1 54.5 81.7

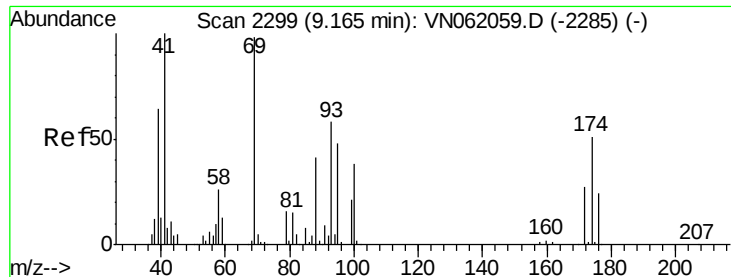


Abundance Ion 41.00 (40.70 to 41.70): VN062157.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062157.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062157.D (-2206) (-)

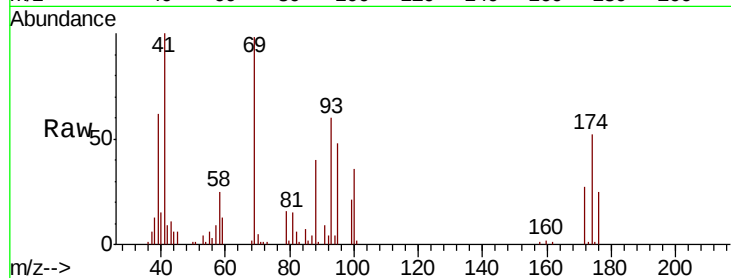




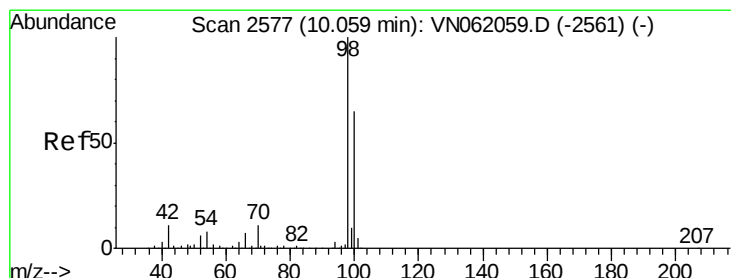
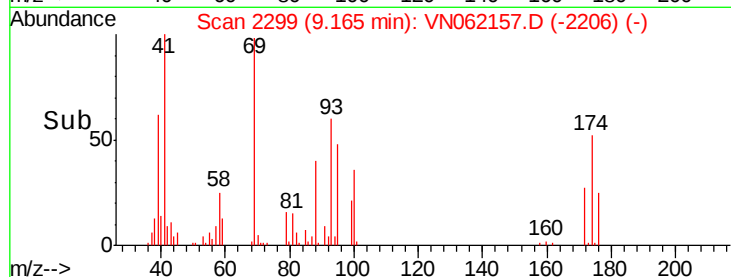
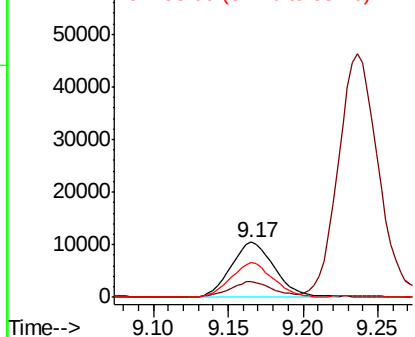
#49
1,4-Dioxane
Concen: 363.444 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion: 88 Resp: 21272
Ion Ratio Lower Upper
88 100
43 27.7 22.0 33.0
58 61.2 49.2 73.8

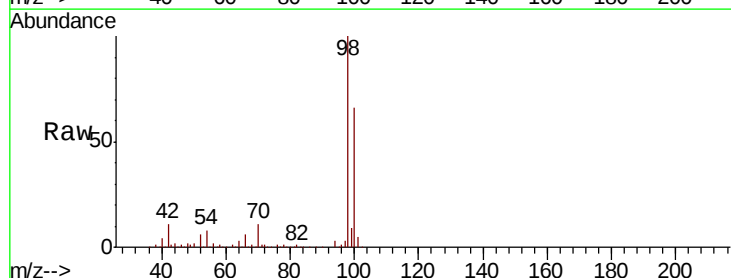


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

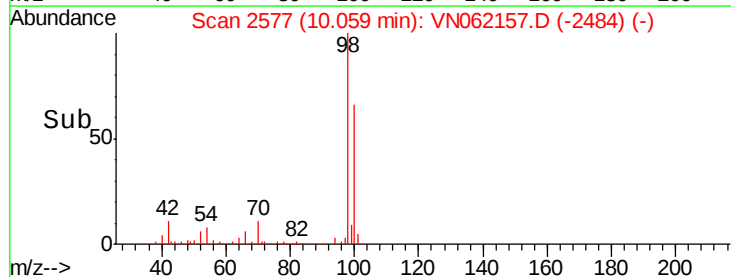
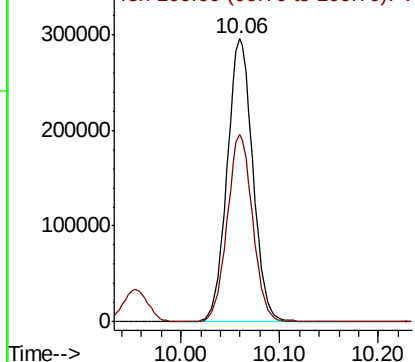


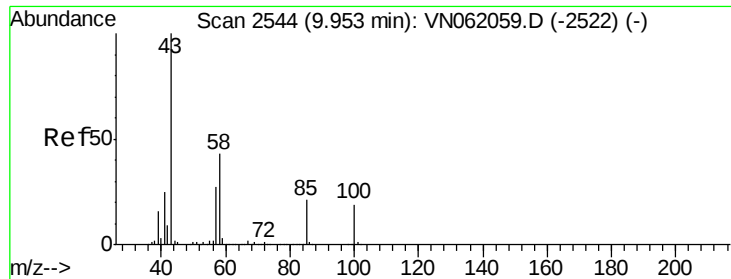
#50
Toluene-d8
Concen: 48.311 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 98 Resp: 537494
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 95.456 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

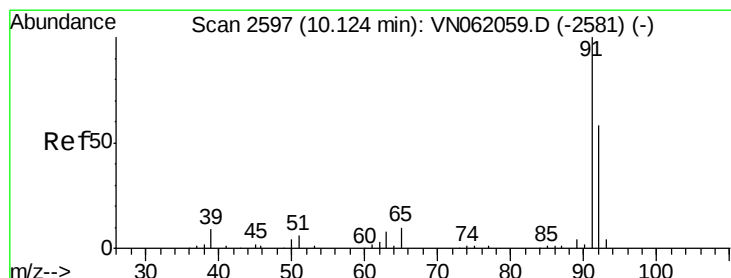
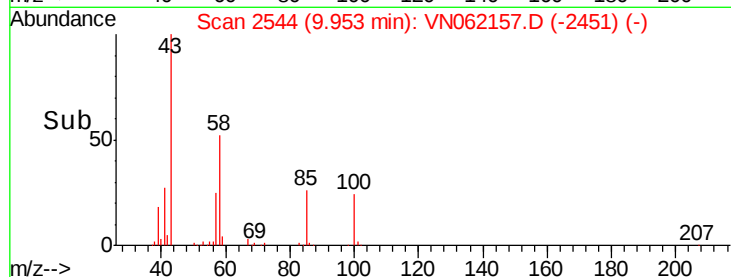
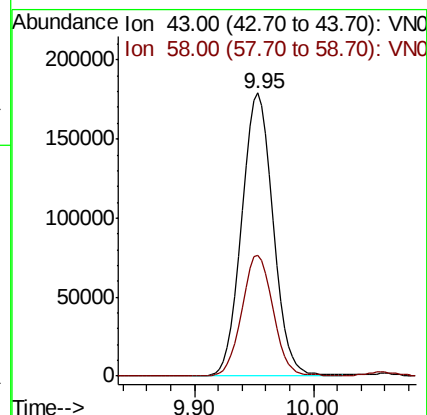
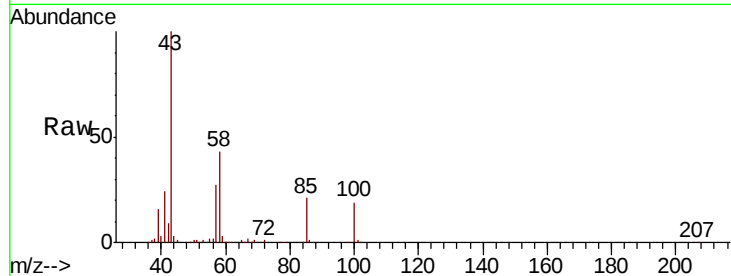
VN0626WBS02

Tot Ion: 43 Resp: 328285

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2



#52

Toluene

Concen: 18.815 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062157.D

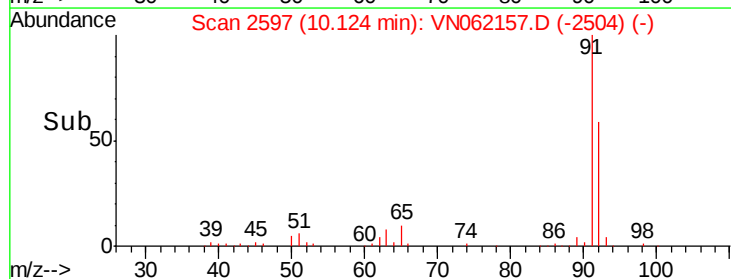
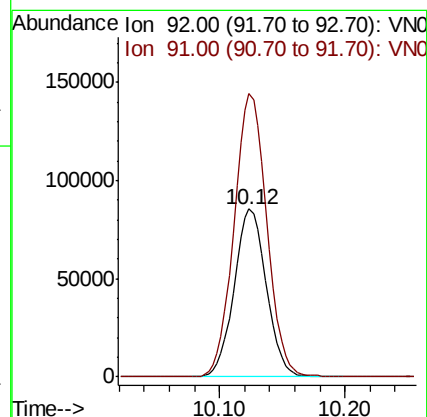
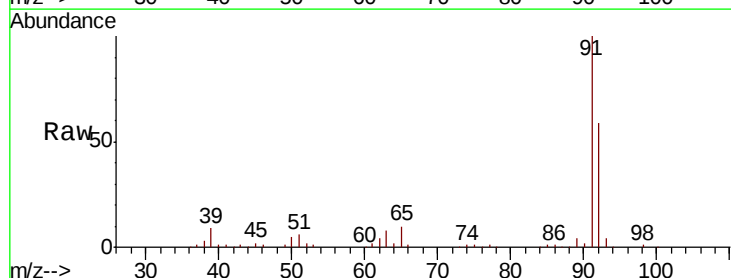
Acq: 26 Jun 2020 23:03

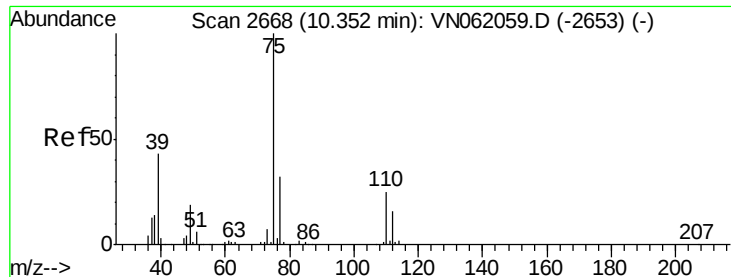
Tgt Ion: 92 Resp: 152580

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.511 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampled :

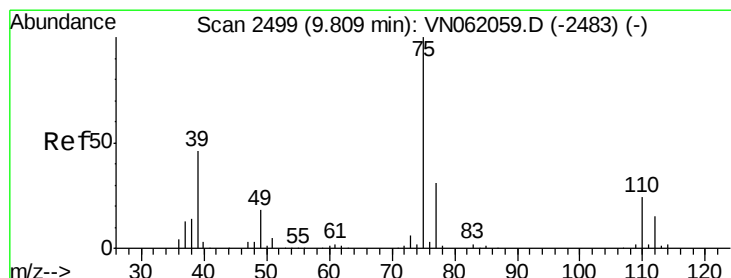
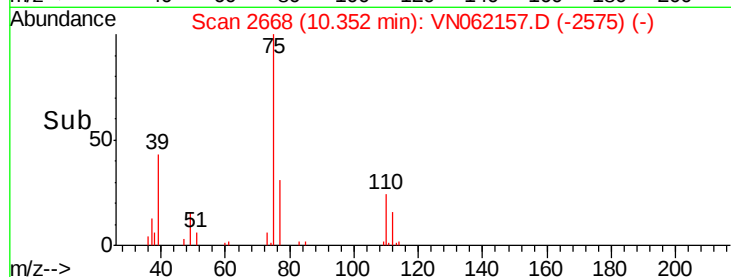
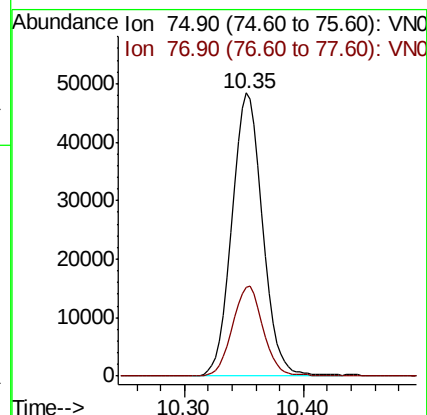
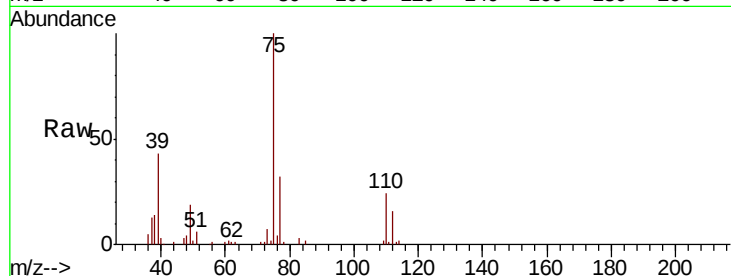
VN0626WBS02

Tot Ion: 75 Resp: 86482

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.008 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

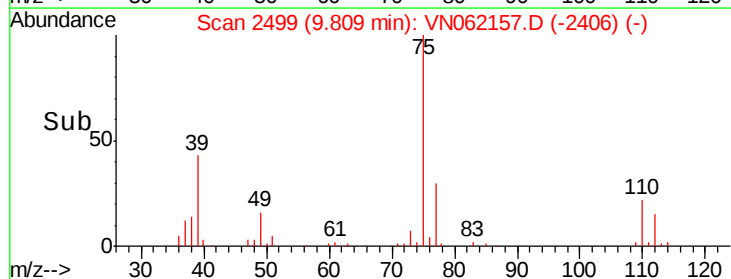
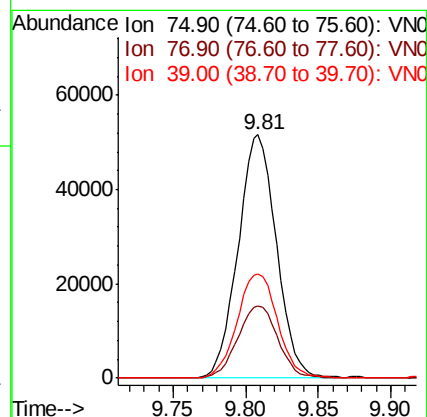
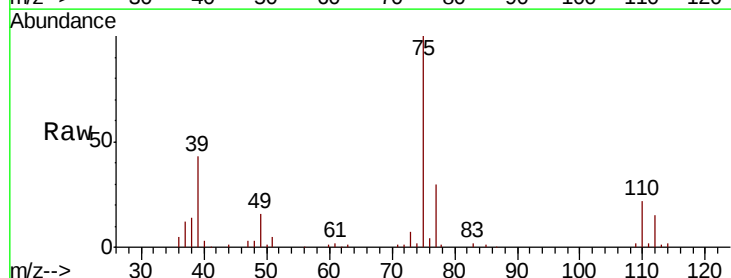
Tgt Ion: 75 Resp: 94682

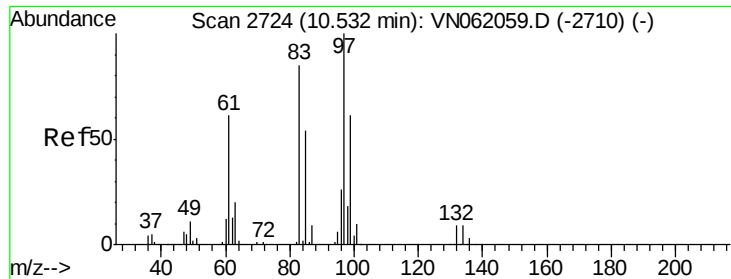
Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6

39 42.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.796 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS02

Tot Ion: 97 Resp: 59919

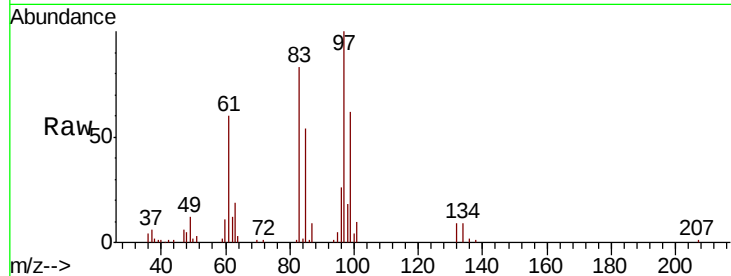
Ion Ratio Lower Upper

97 100

83 83.2 68.2 102.2

85 54.1 43.2 64.8

99 61.9 48.5 72.7



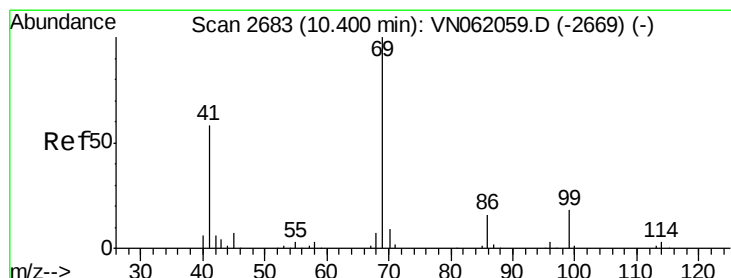
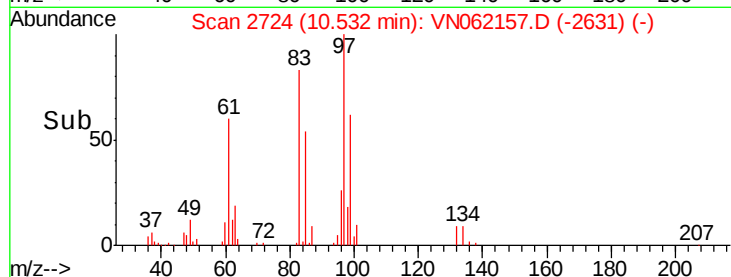
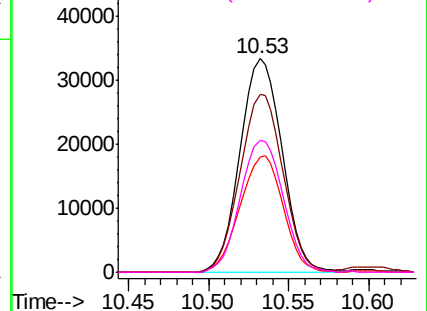
Abundance

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: 18.952 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

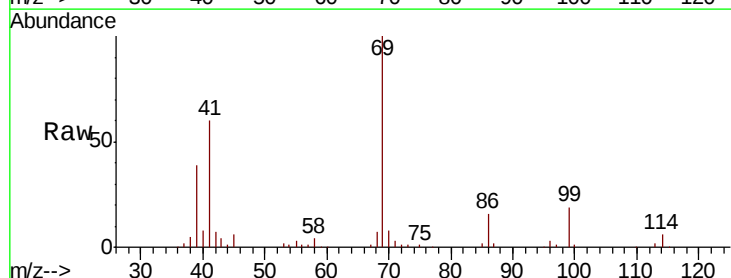
Tgt Ion: 69 Resp: 80629

Ion Ratio Lower Upper

69 100

41 57.7 46.6 70.0

39 38.1 31.0 46.4

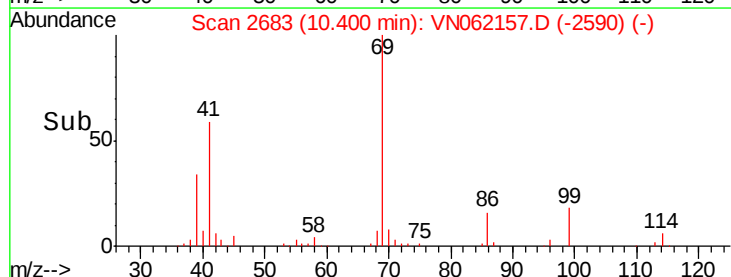
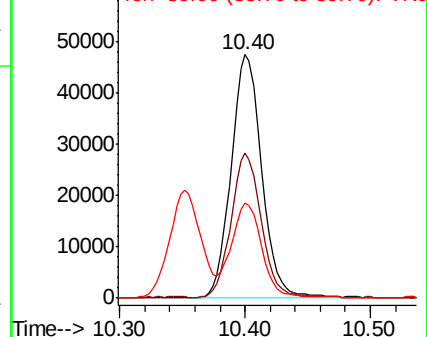


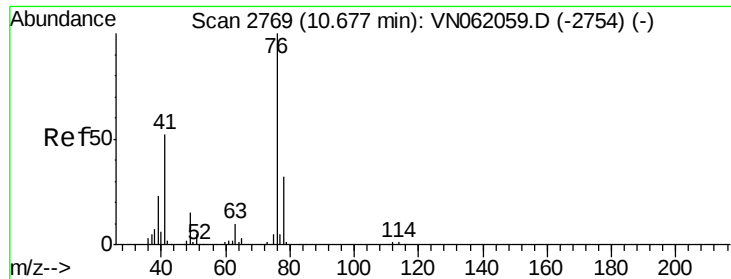
Abundance

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

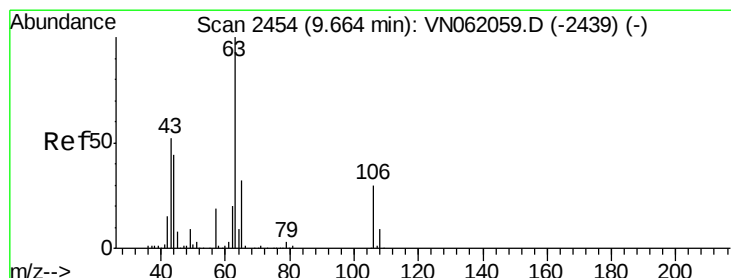
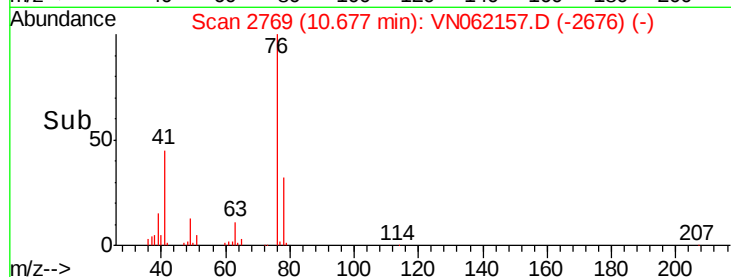
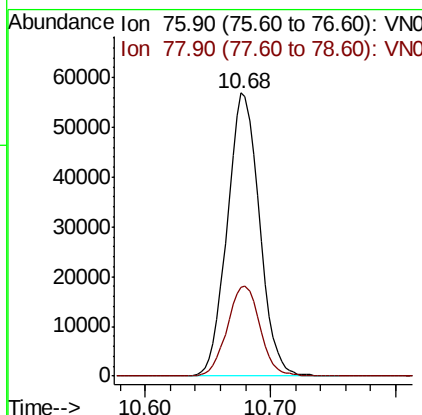
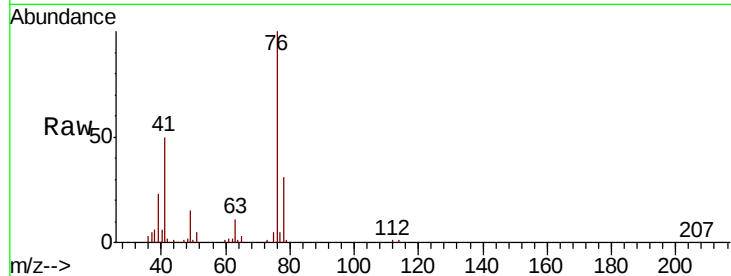




#57
 1,3-Dichloropropane
 Concen: 18.486 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

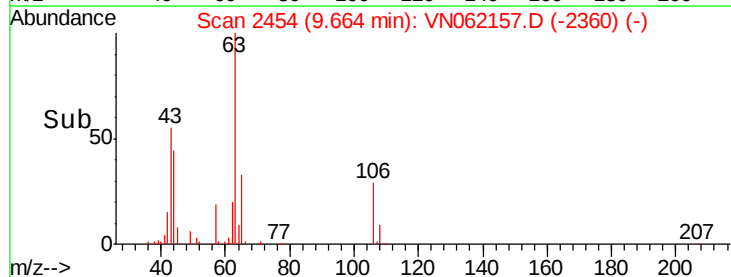
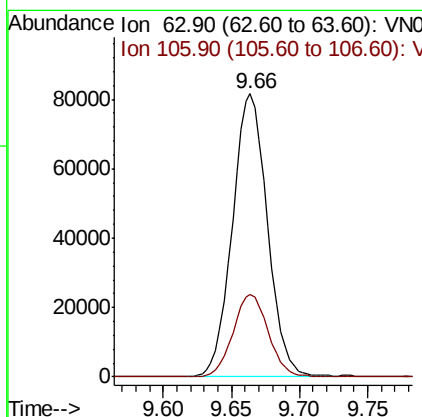
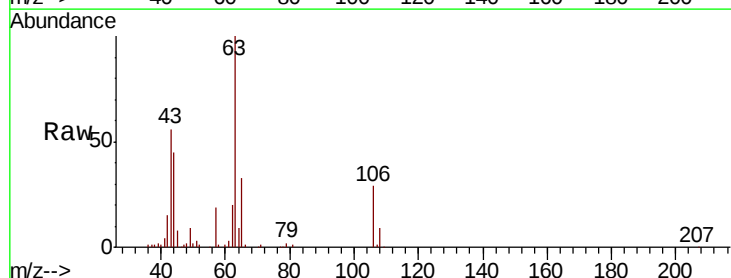
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

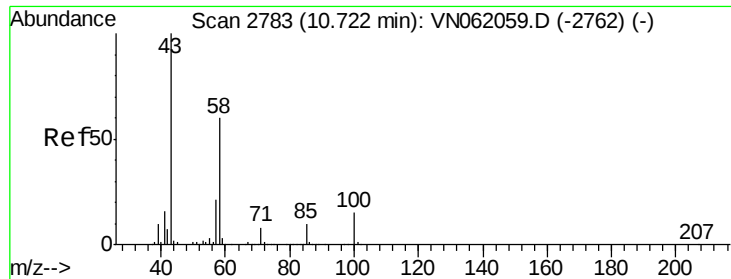
Tot Ion: 76 Resp: 101432
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.210 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 63 Resp: 145406
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.2 34.8

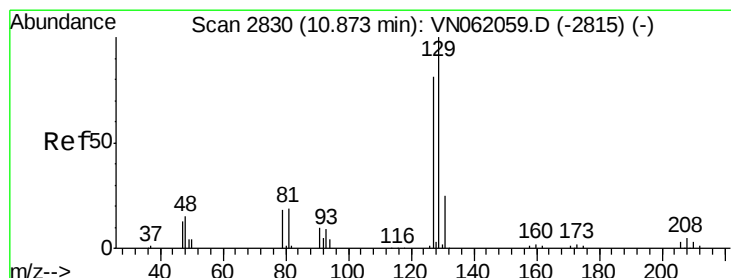
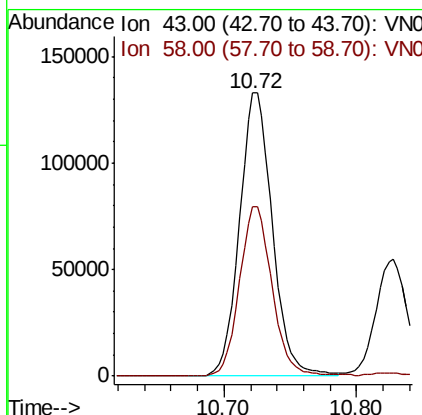
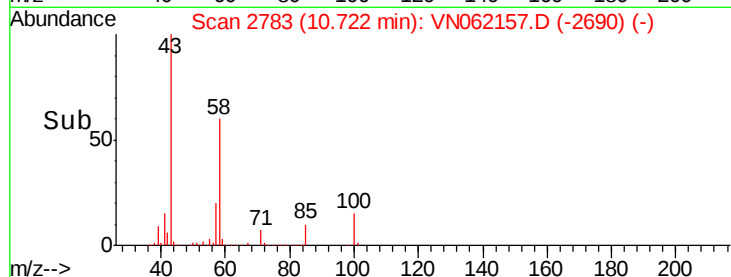
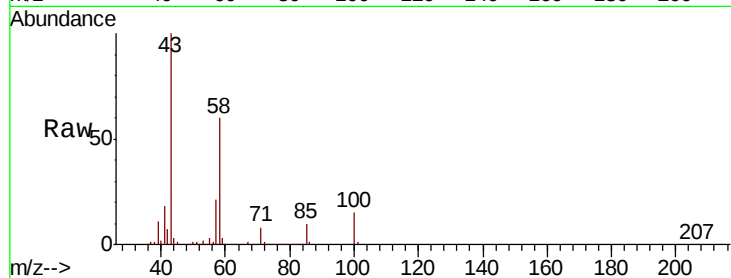




#59
2-Hexanone
Concen: 92.188 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

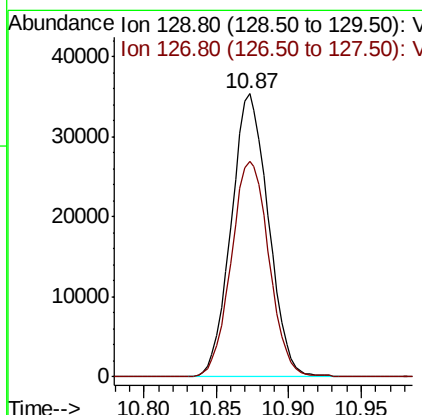
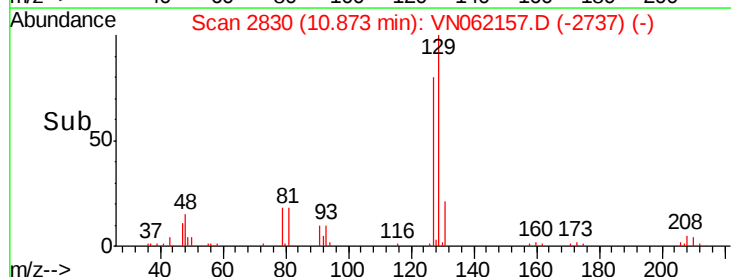
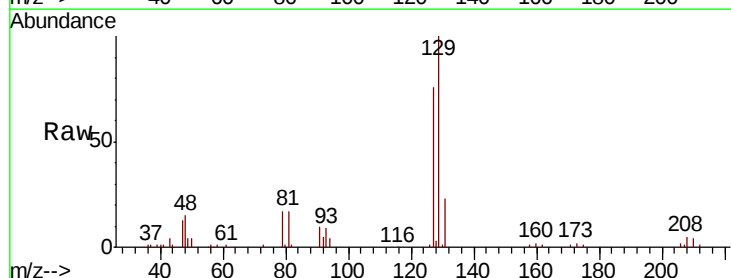
Instrument :
MSVOA_N
ClientSampled :
VN0626WBS02

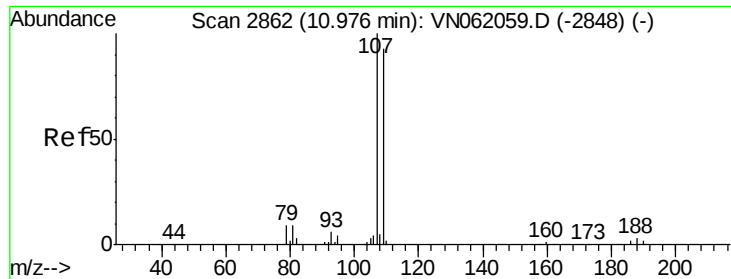
Tot Ion: 43 Resp: 228940
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 18.639 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 129 Resp: 62906
Ion Ratio Lower Upper
129 100
127 77.5 39.5 118.5

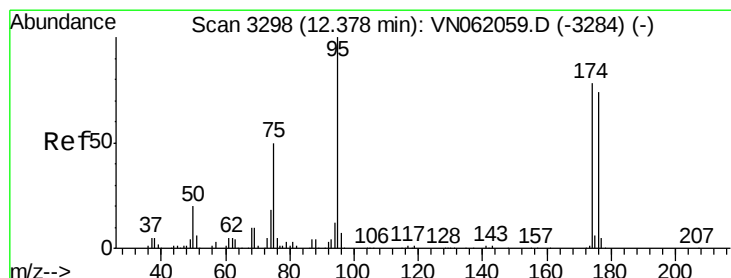
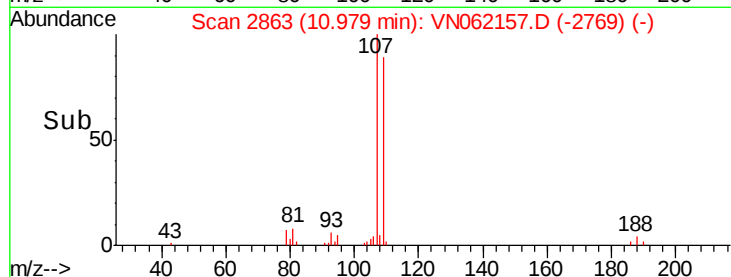
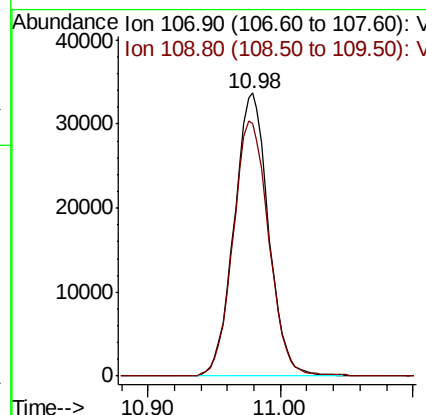
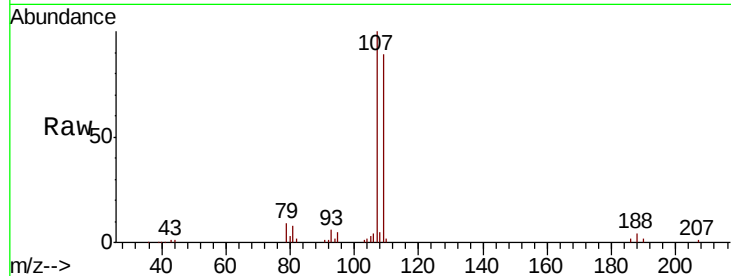




#61
 1,2-Dibromoethane
 Concen: 18.479 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

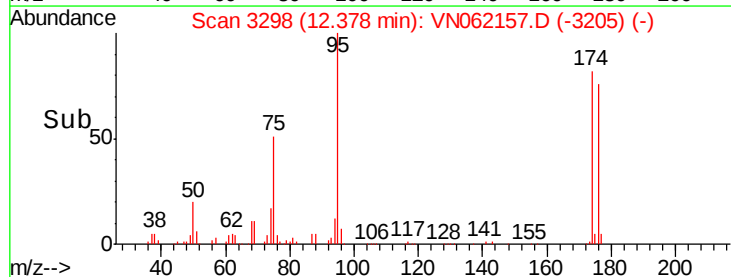
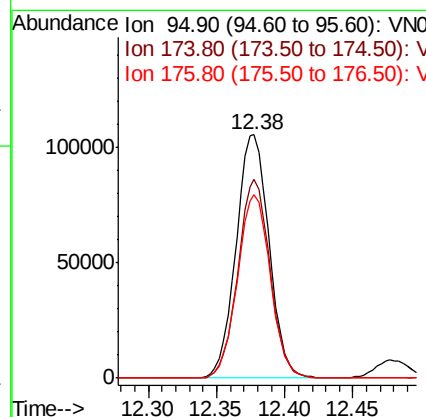
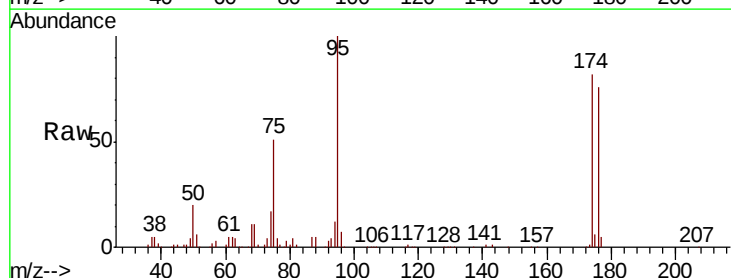
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

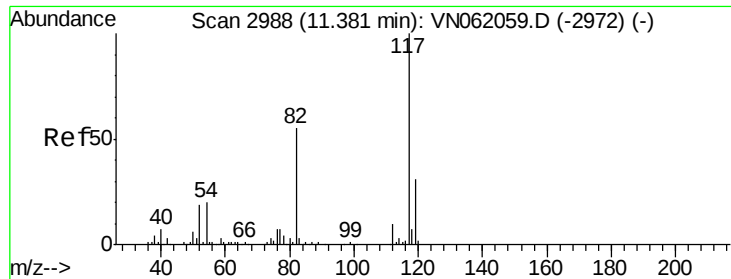
Tot Ion:107 Resp: 60530
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.128 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 95 Resp: 177150
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 154.8
 176 75.3 0.0 147.4

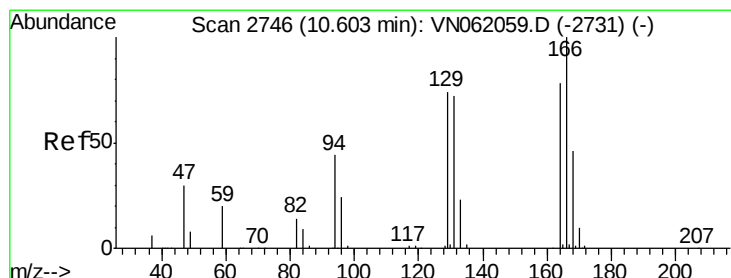
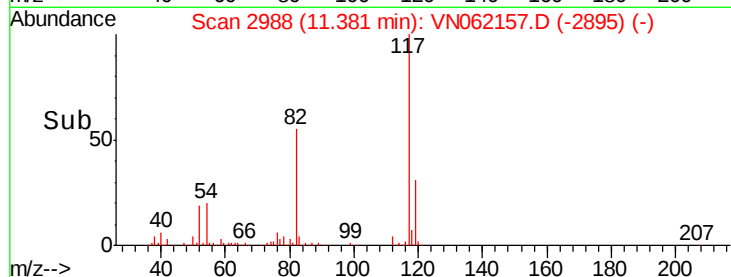
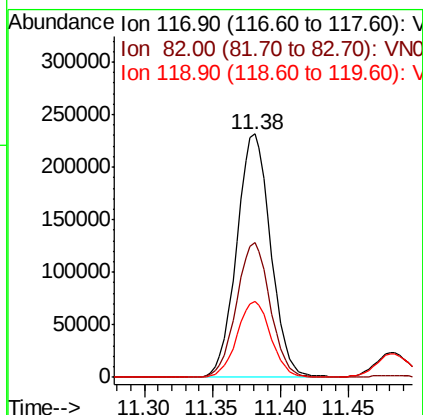
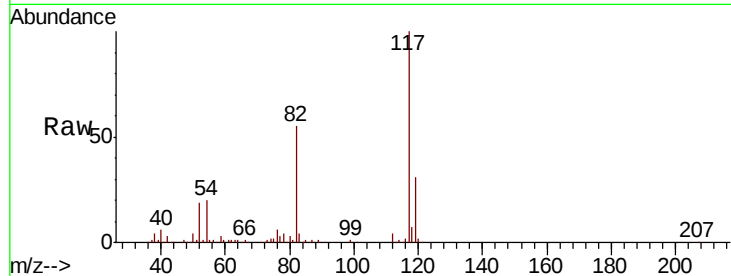




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

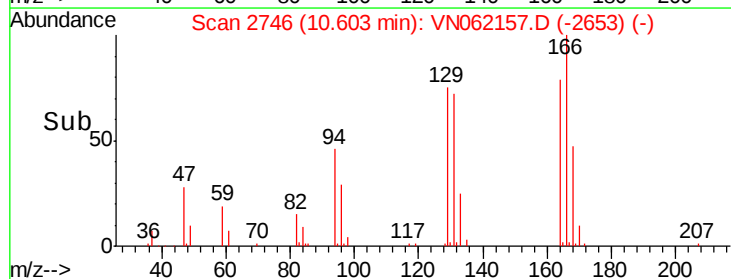
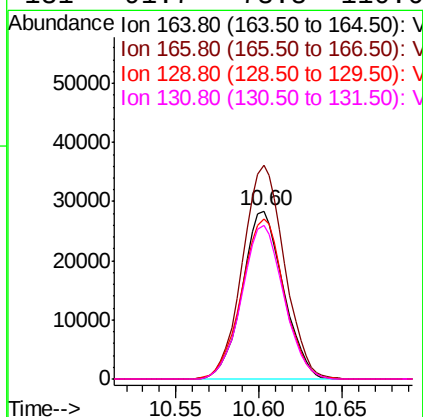
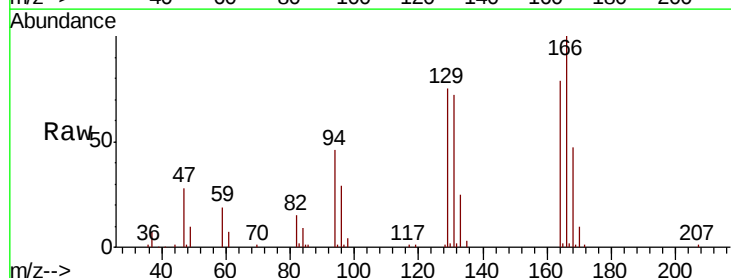
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

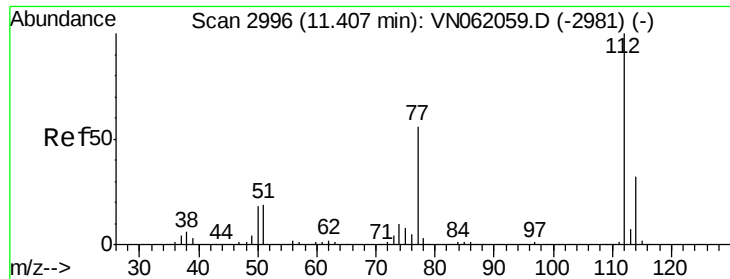
Tot Ion:117 Resp: 399948
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.1 25.2 37.8



#64
Tetrachloroethene
Concen: 17.896 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:164 Resp: 48891
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 95.3 75.8 113.8
131 91.7 73.8 110.6

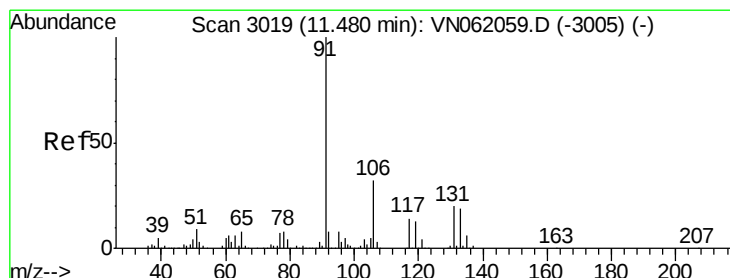
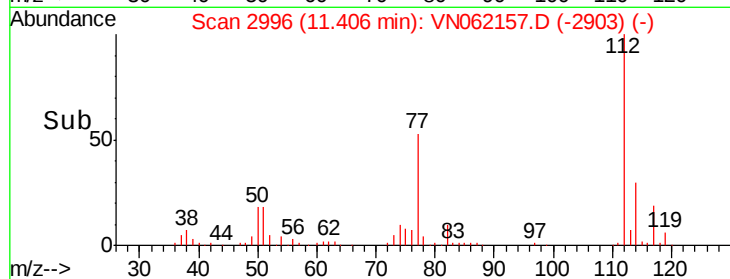
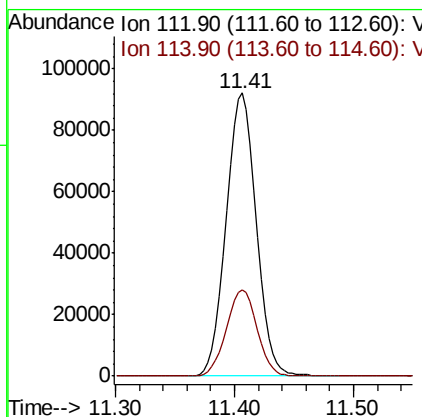
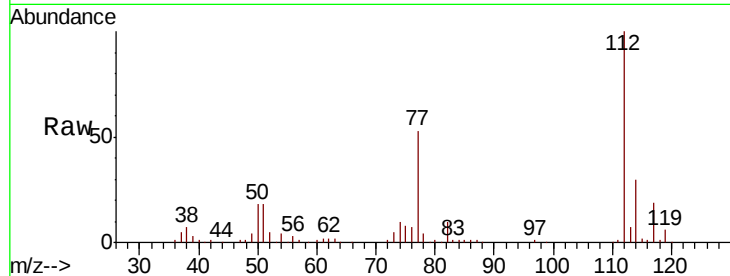




#65
Chlorobenzene
Concen: 18.375 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

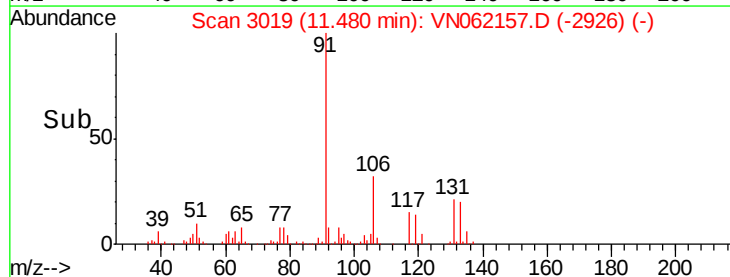
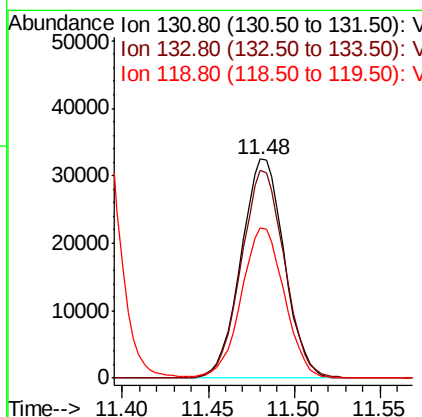
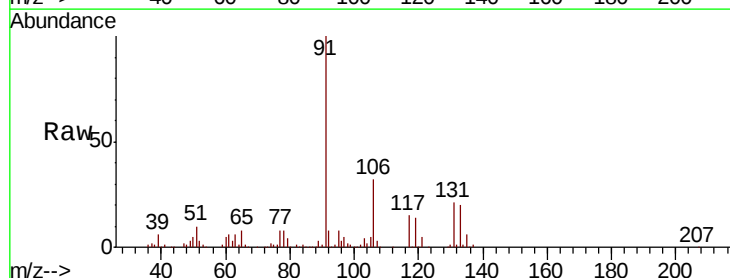
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

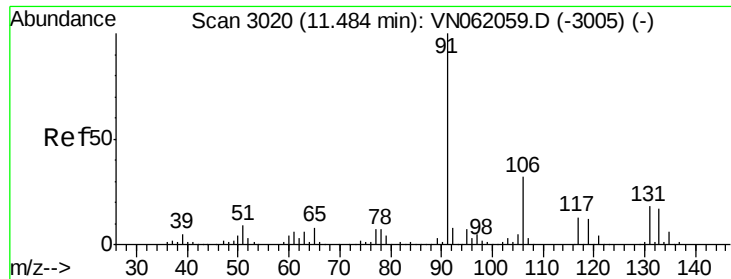
Tot Ion:112 Resp: 161386
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:131 Resp: 56586
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.4 34.4 103.3

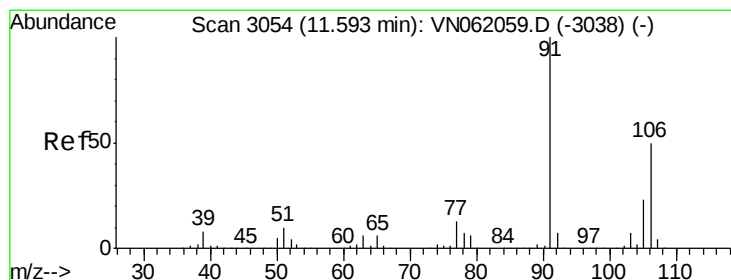
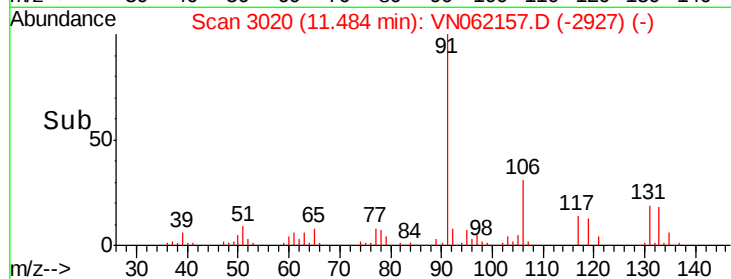
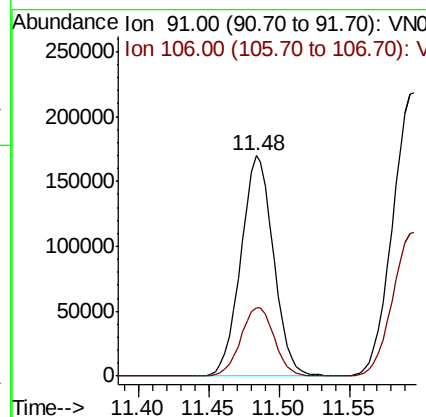
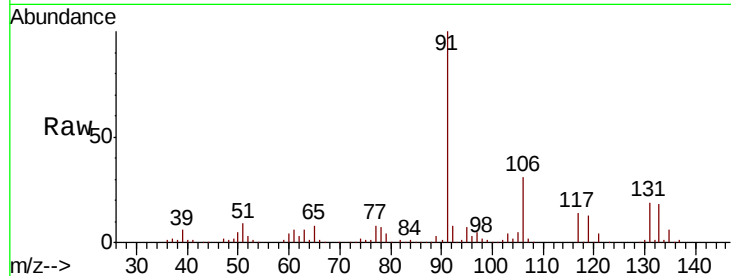




#67
Ethyl Benzene
Concen: 18.590 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

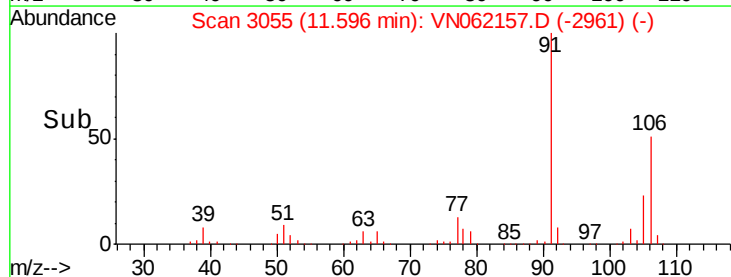
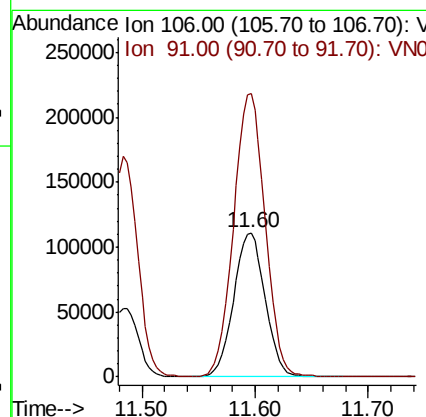
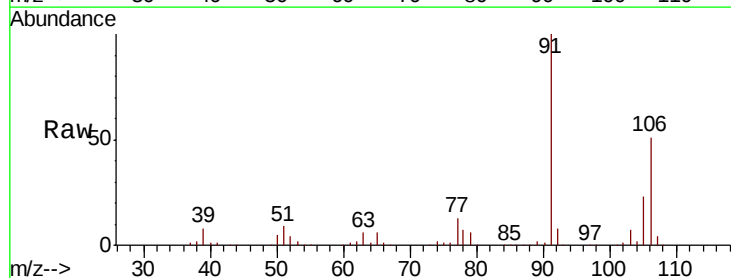
Instrument :
MSVOA_N
ClientSampled :
VN0626WBS02

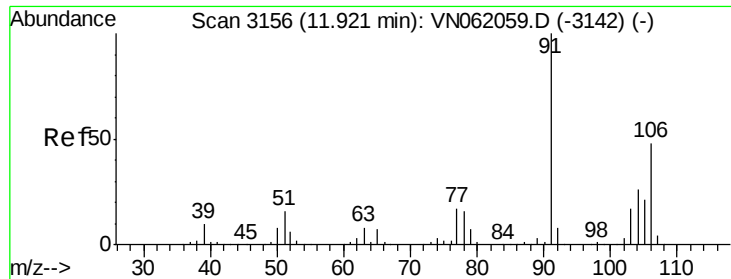
Tot Ion: 91 Resp: 275744
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 37.292 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion: 106 Resp: 213952
Ion Ratio Lower Upper
106 100
91 197.9 157.8 236.8

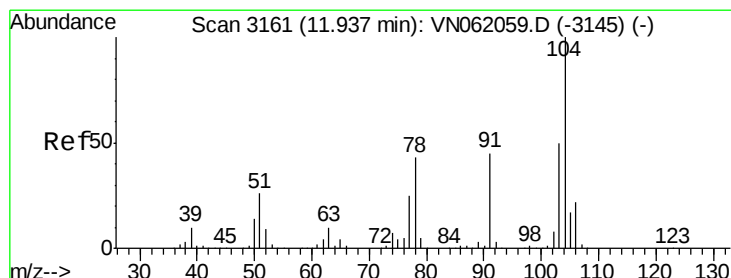
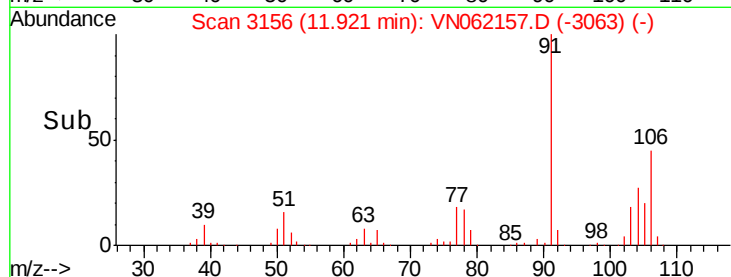
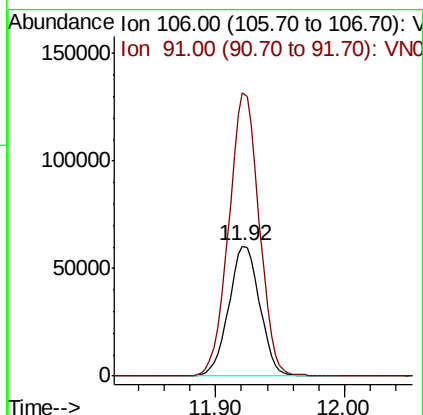
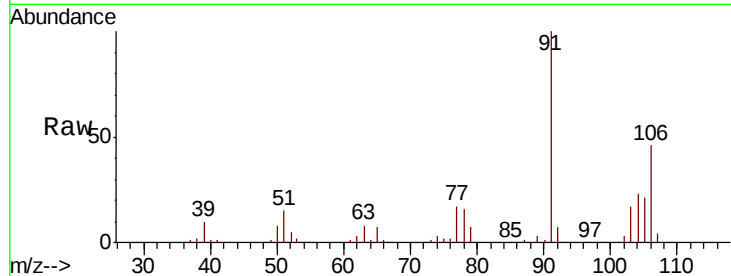




#69
o-Xylene
Concen: 18.676 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

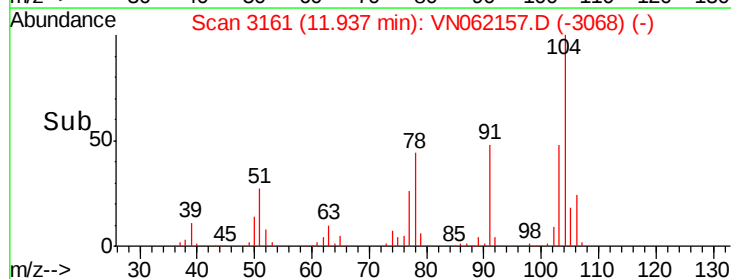
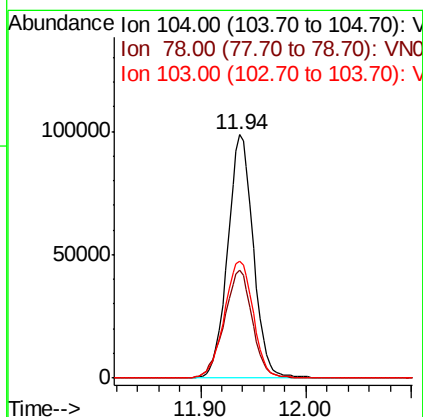
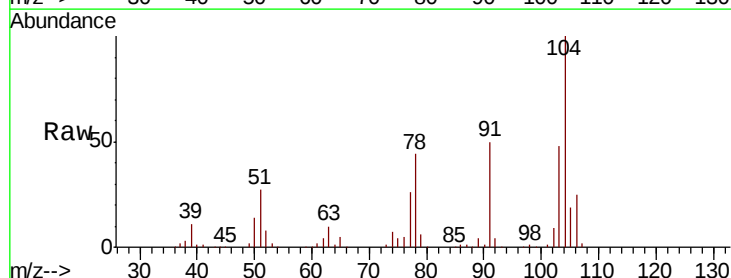
Instrument :
MSVOA_N
ClientSampled :
VN0626WBS02

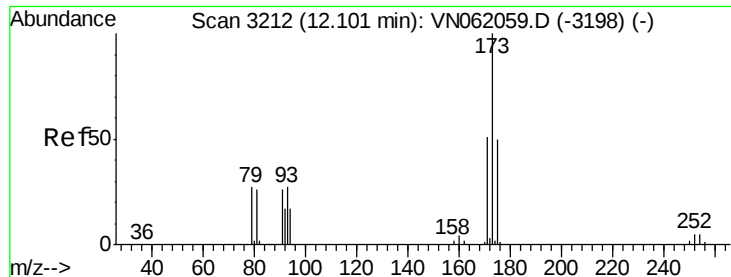
Tot Ion:106 Resp: 101095
Ion Ratio Lower Upper
106 100
91 213.1 104.0 311.9



#70
Styrene
Concen: 18.362 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:104 Resp: 165764
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.1 43.0 64.6





#71

Bromoform

Concen: 18.748 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

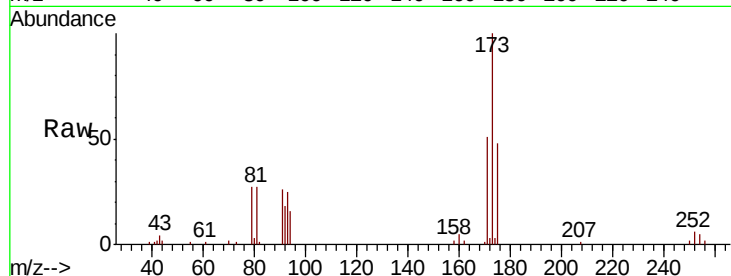
Tot Ion:173 Resp: 40483

Ion Ratio Lower Upper

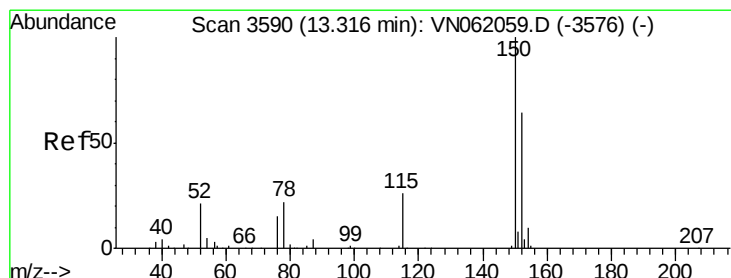
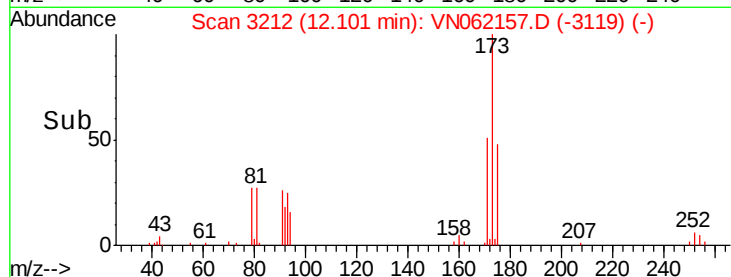
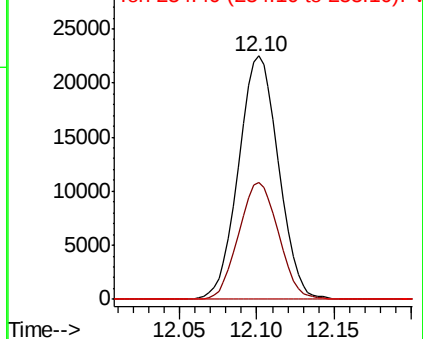
173 100

175 47.7 24.7 74.1

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# 3591

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

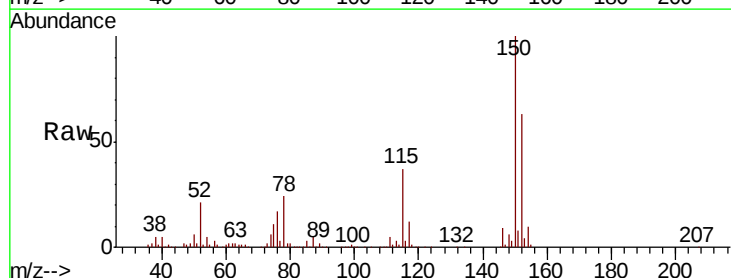
Tgt Ion:152 Resp: 179952

Ion Ratio Lower Upper

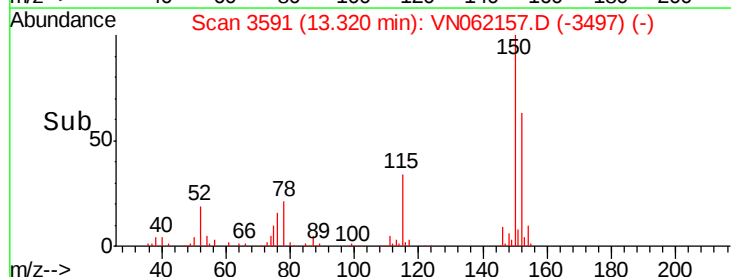
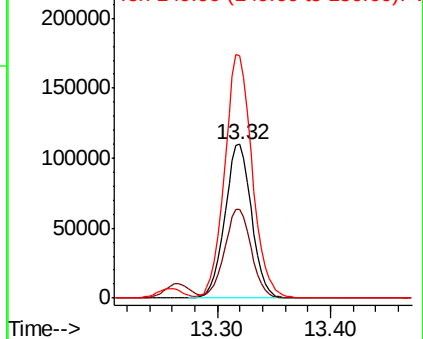
152 100

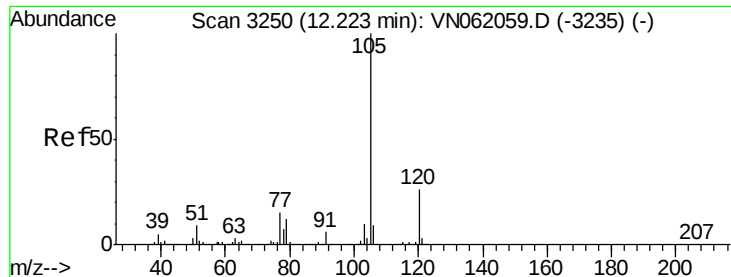
115 57.8 29.5 88.5

150 162.9 0.0 351.4



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: 19.505 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

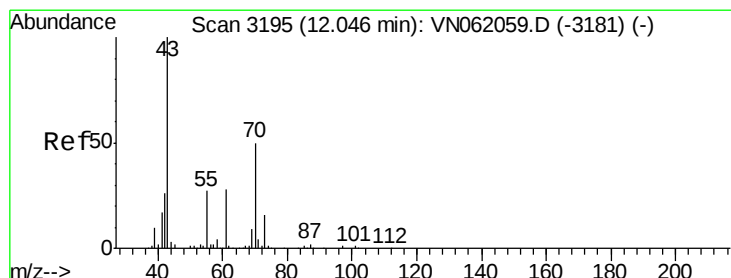
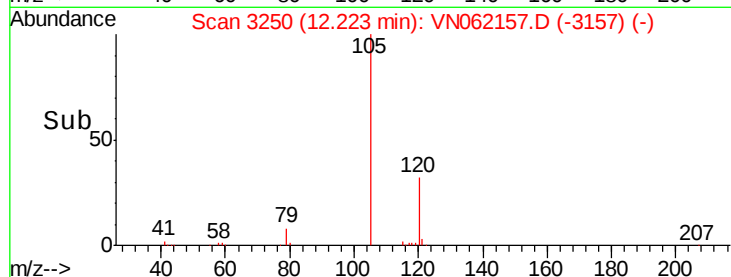
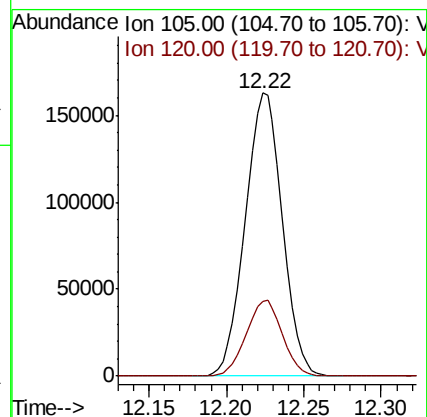
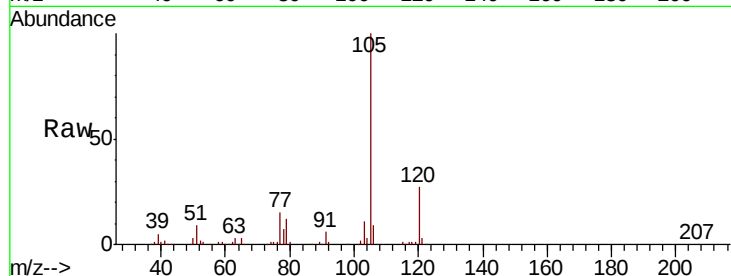
VN0626WBS02

Tot Ion:105 Resp: 271695

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 19.319 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Tgt Ion: 43 Resp: 87790

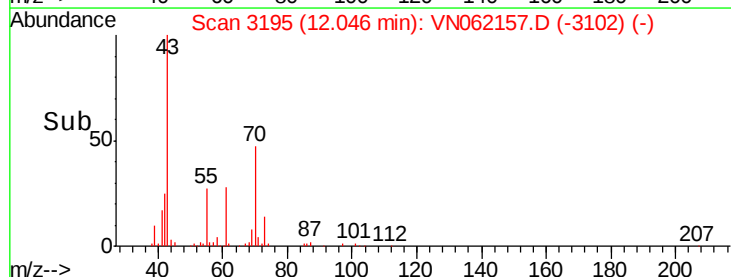
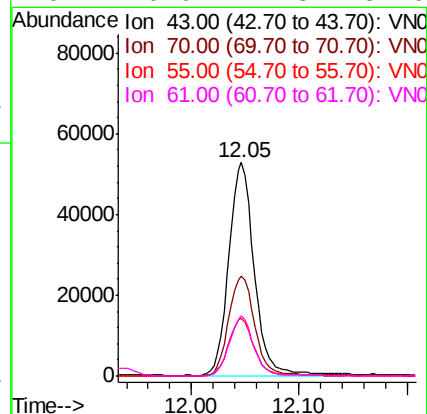
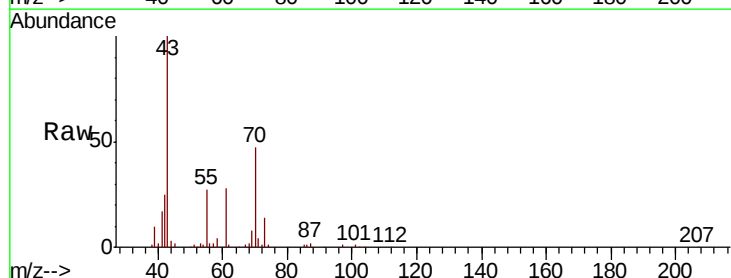
Ion Ratio Lower Upper

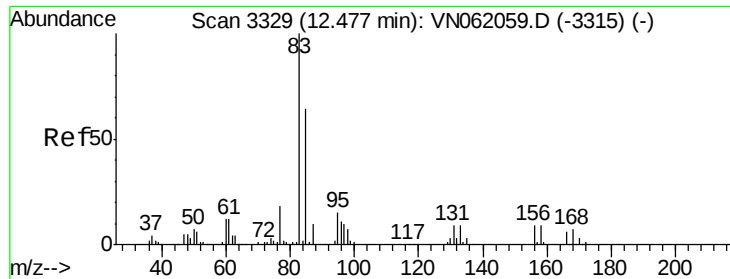
43 100

70 48.2 39.4 59.2

55 26.9 21.7 32.5

61 26.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.513 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

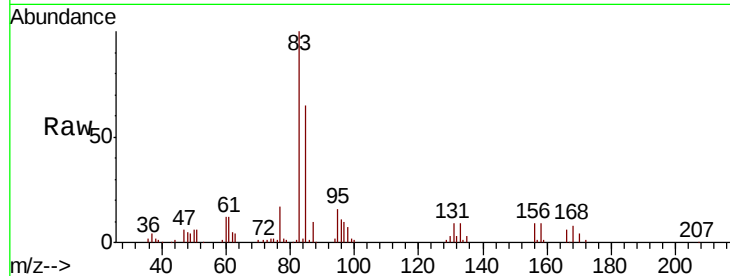
Tot Ion: 83 Resp: 85815

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.4

85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062157.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062157.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062157.D (-3236) (-)

12.48

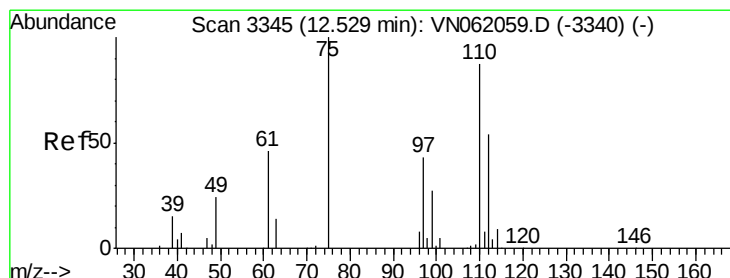
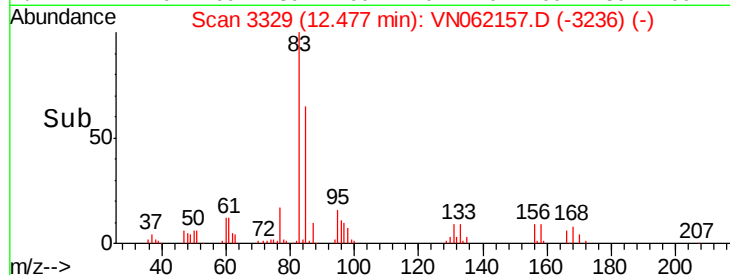
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 24.163 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062157.D

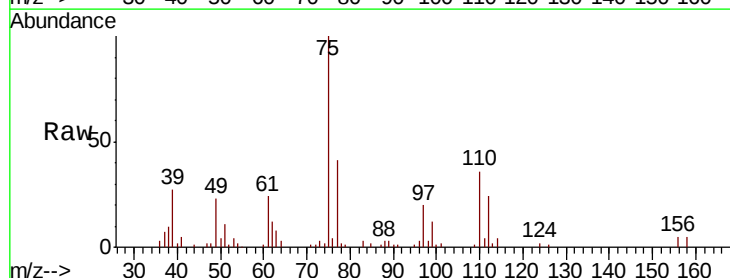
Acq: 26 Jun 2020 23:03

Tgt Ion: 75 Resp: 102361

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062157.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062157.D (-3252) (-)

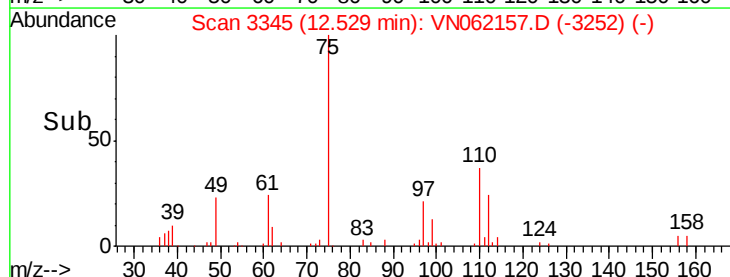
60000

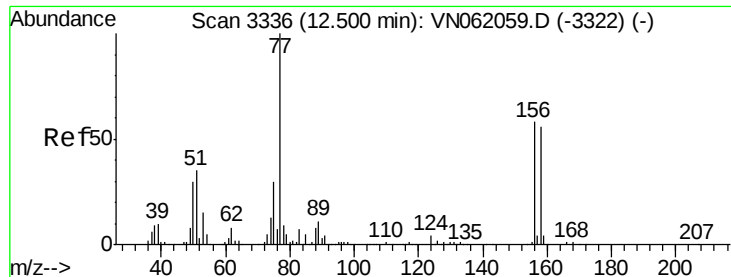
40000

20000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 18.384 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

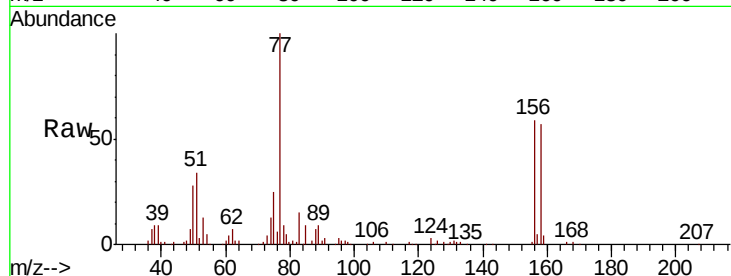
Tot Ion:156 Resp: 63578

Ion Ratio Lower Upper

156 100

77 211.1 104.6 313.8

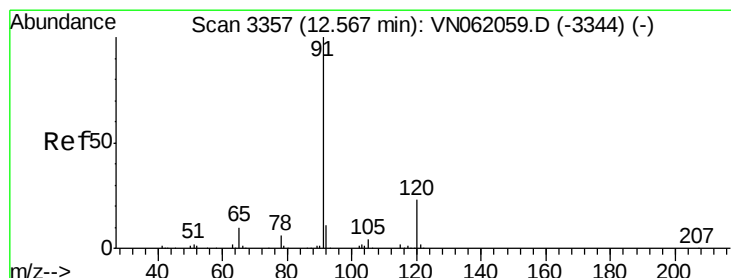
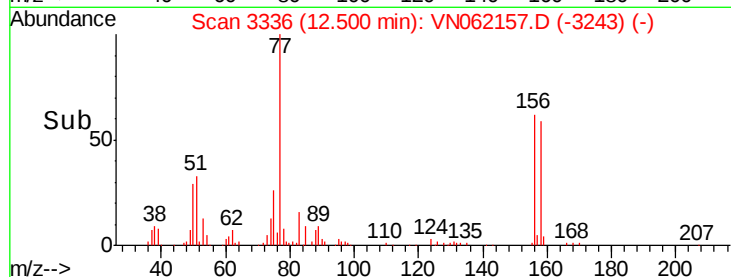
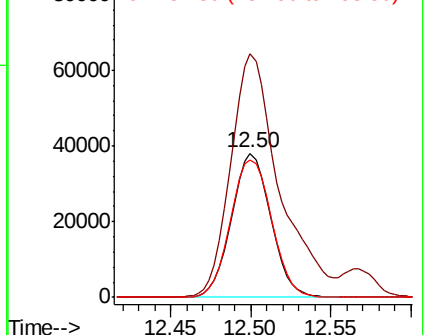
158 100.5 48.0 144.0



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: 18.731 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062157.D

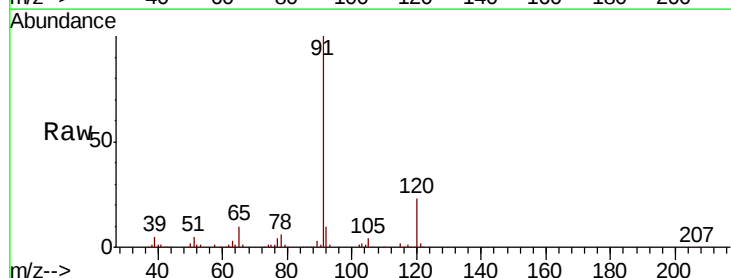
Acq: 26 Jun 2020 23:03

Tgt Ion: 91 Resp: 298455

Ion Ratio Lower Upper

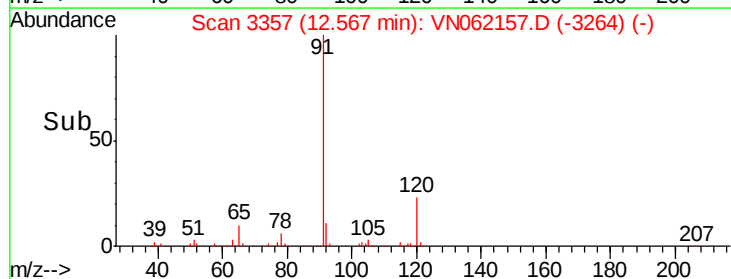
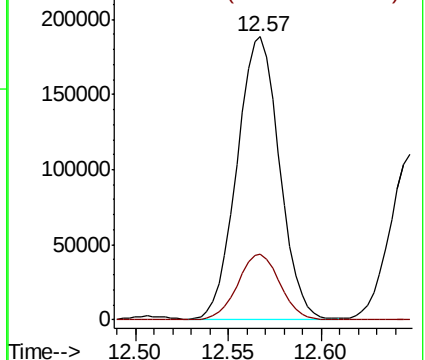
91 100

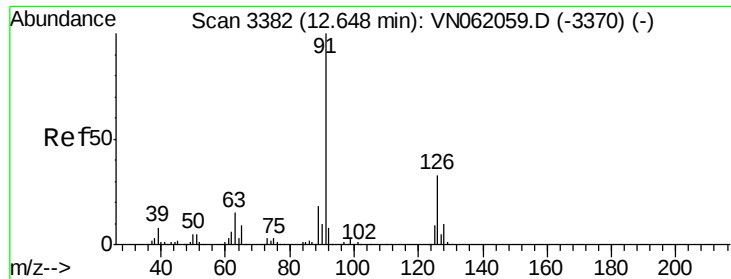
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

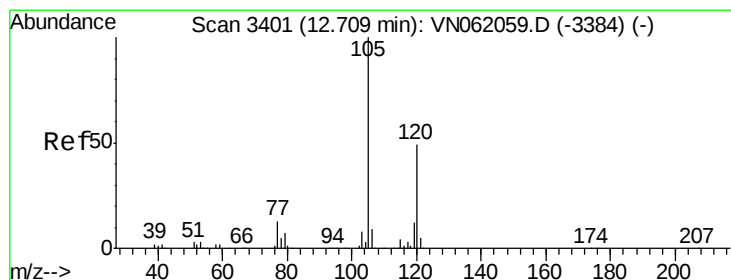
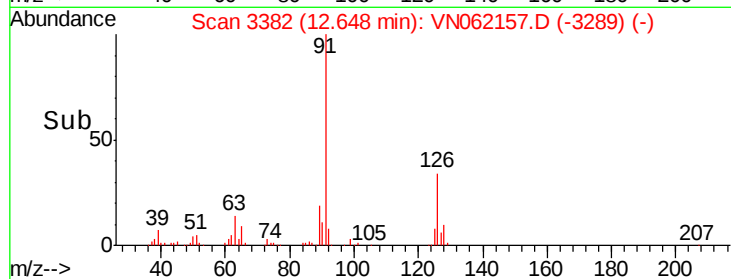
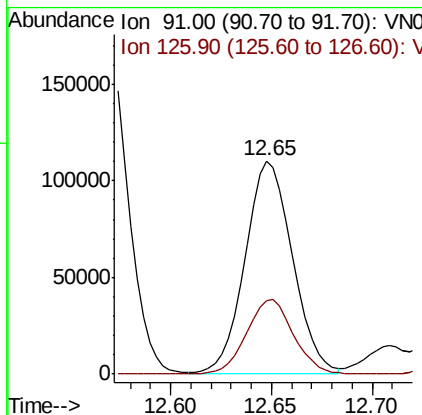
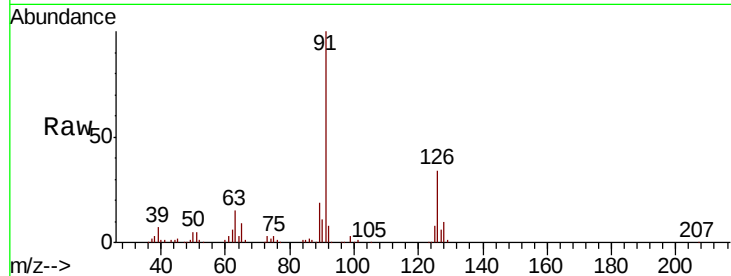




#79
 2-Chlorotoluene
 Concen: 18.663 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

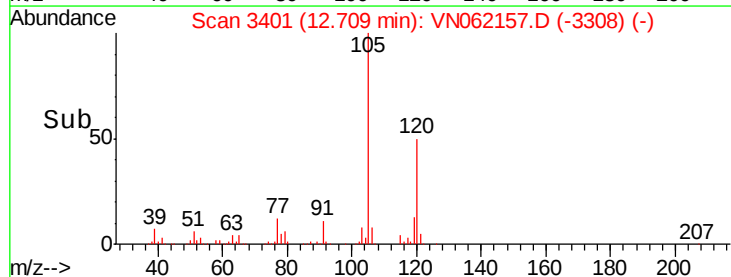
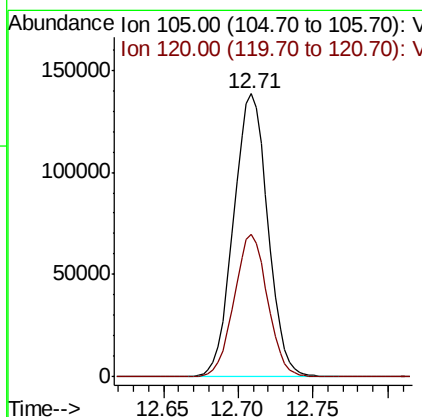
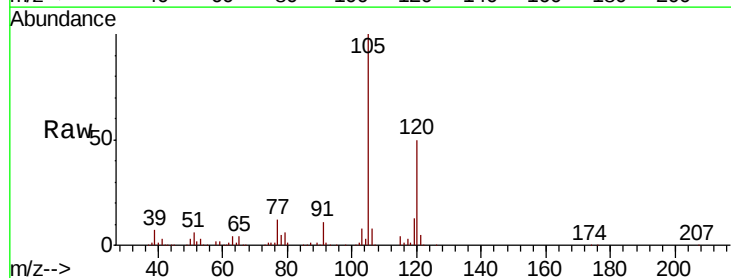
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

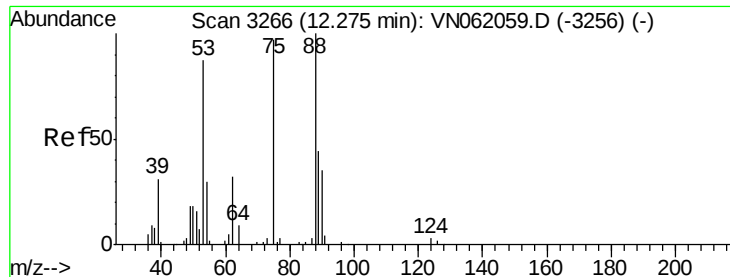
Tot Ion: 91 Resp: 179769
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.569 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion: 105 Resp: 220981
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.325 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

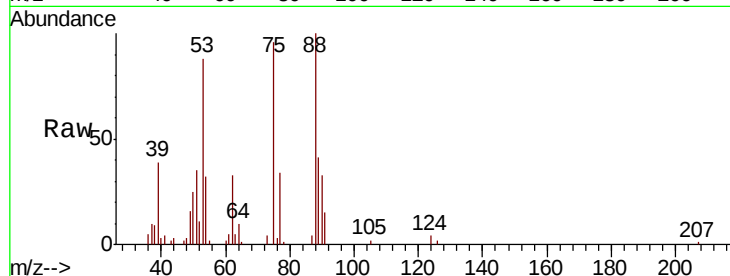
Tot Ion: 75 Resp: 23681

Ion Ratio Lower Upper

75 100

53 95.7 72.0 108.0

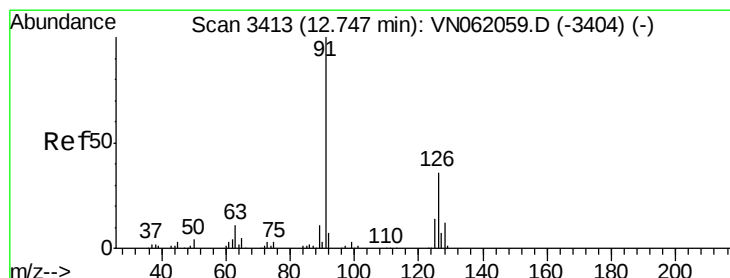
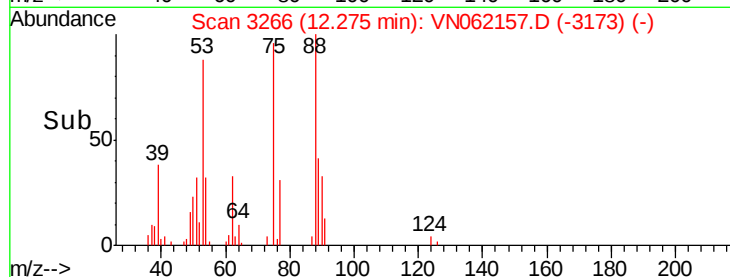
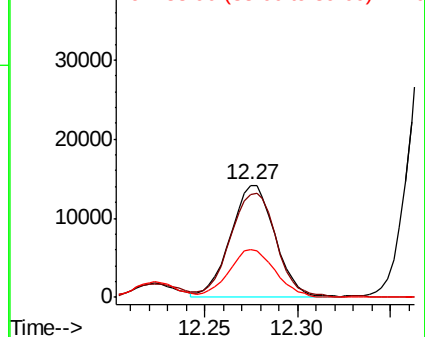
89 44.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062157.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062157.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062157.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 18.330 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062157.D

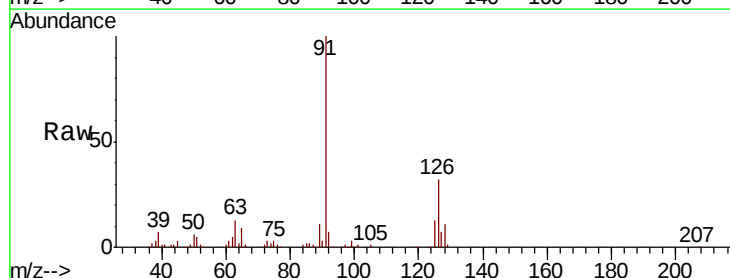
Acq: 26 Jun 2020 23:03

Tgt Ion: 91 Resp: 182582

Ion Ratio Lower Upper

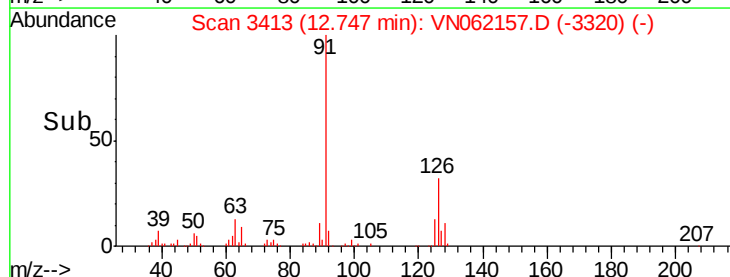
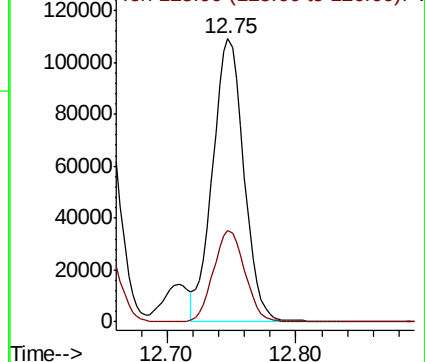
91 100

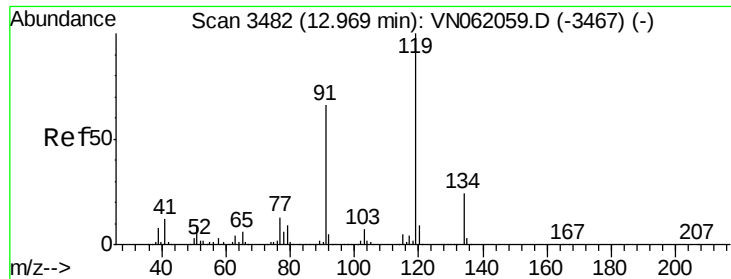
126 32.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062157.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062157.D (-3320) (-)

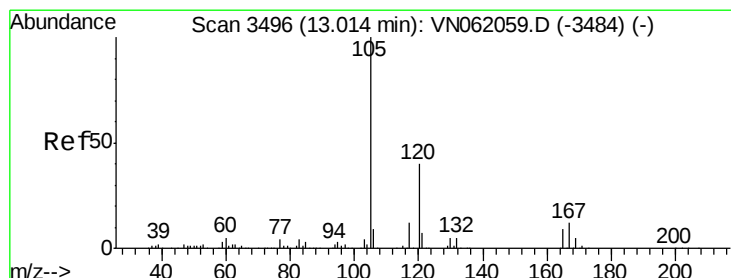
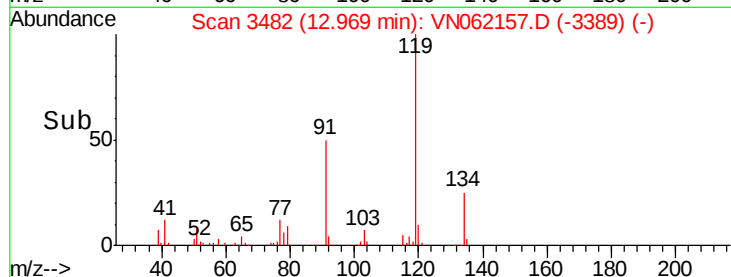
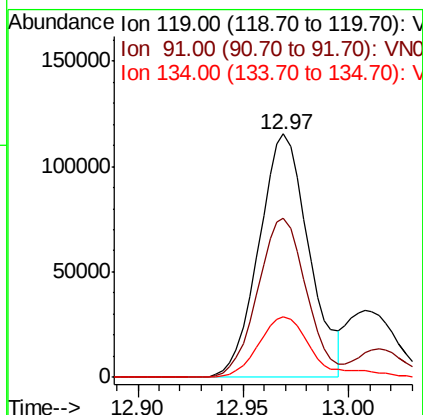
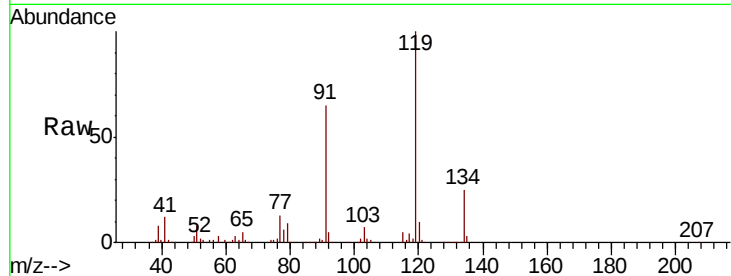




#83
 tert-Butylbenzene
 Concen: 19.677 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

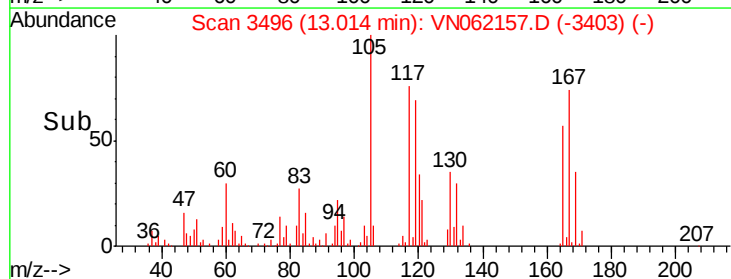
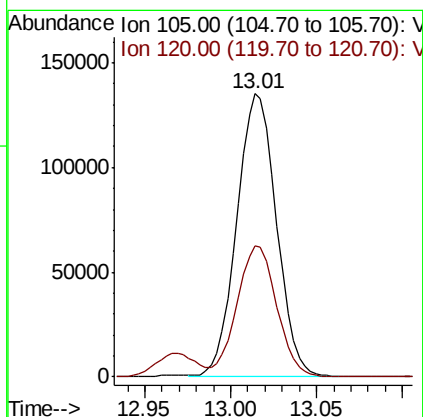
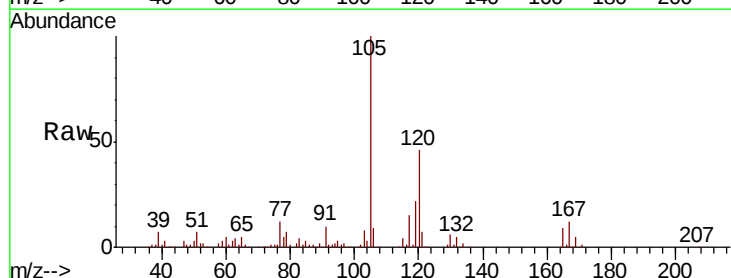
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

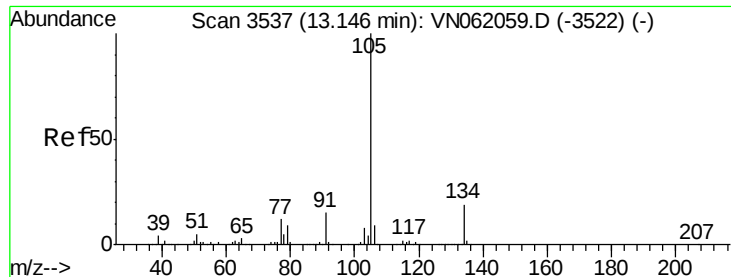
Tot Ion:119 Resp: 190160
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.7 95.1
 134 27.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.116 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion:105 Resp: 215586
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.820 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

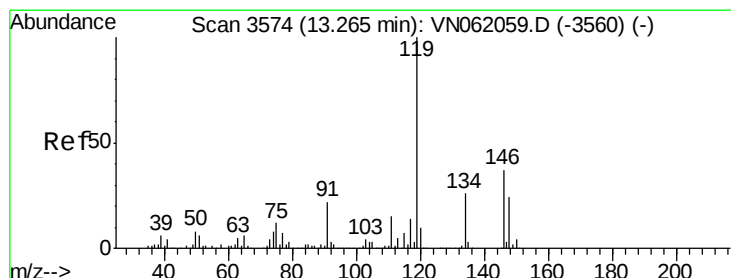
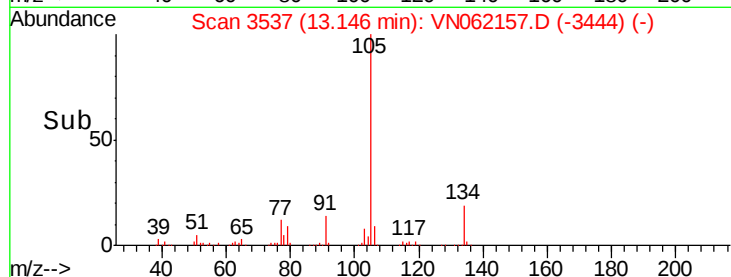
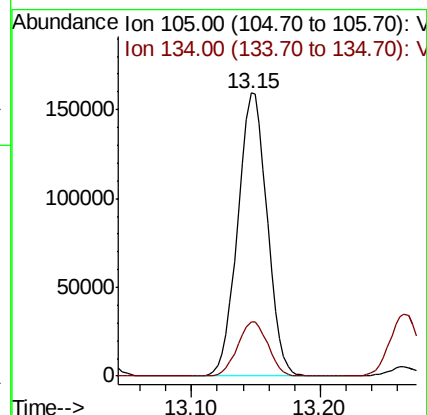
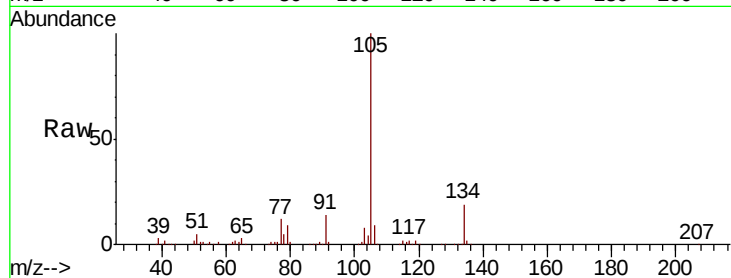
VN0626WBS02

Tot Ion:105 Resp: 253098

Ion Ratio Lower Upper

105 100

134 19.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.281 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

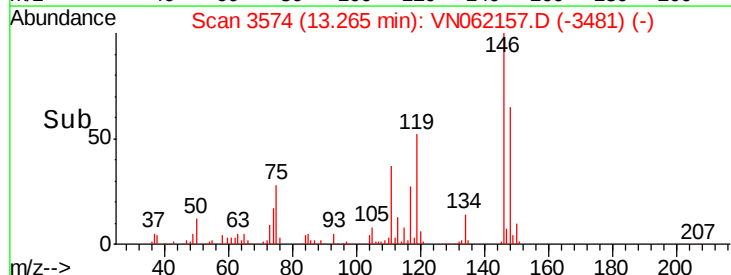
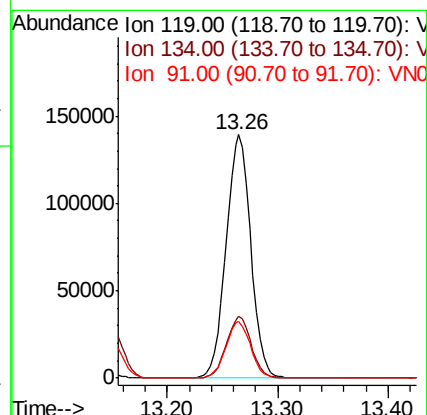
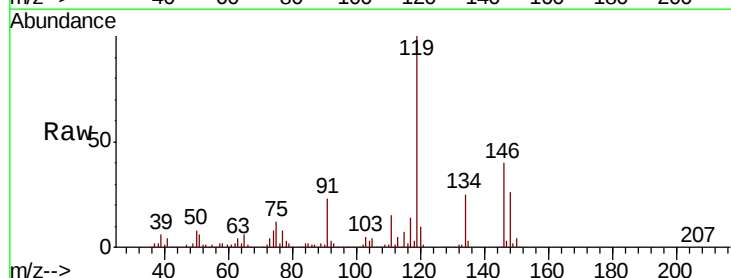
Tgt Ion:119 Resp: 215713

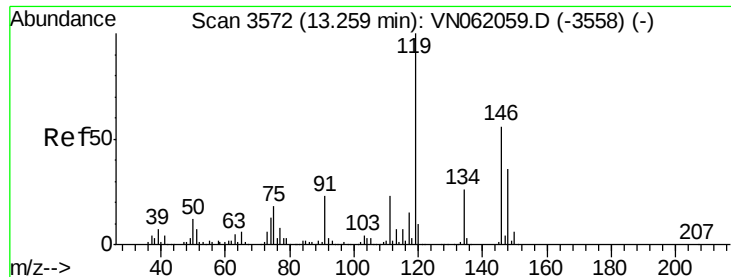
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 23.5 11.3 33.8

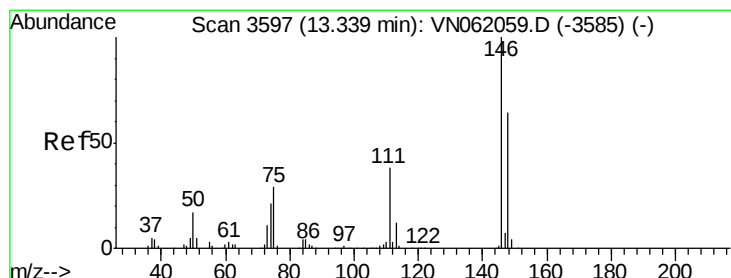
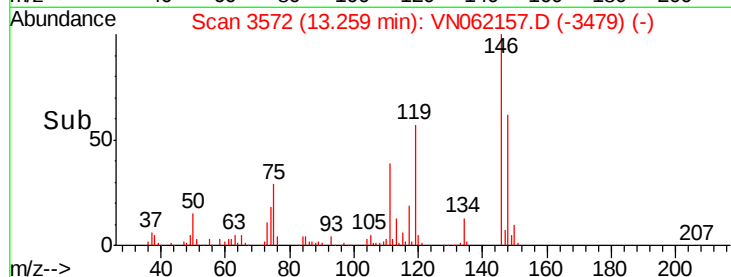
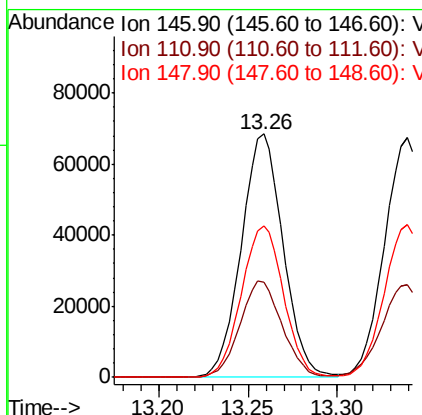
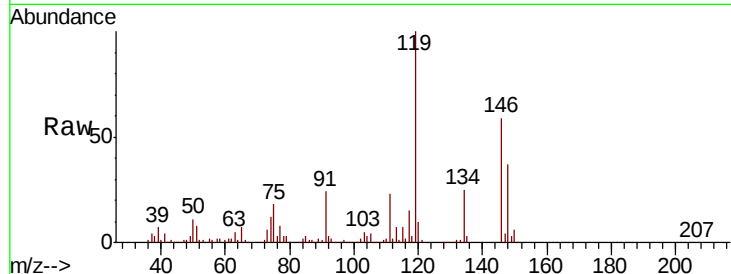




#87
 1,3-Dichlorobenzene
 Concen: 18.550 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

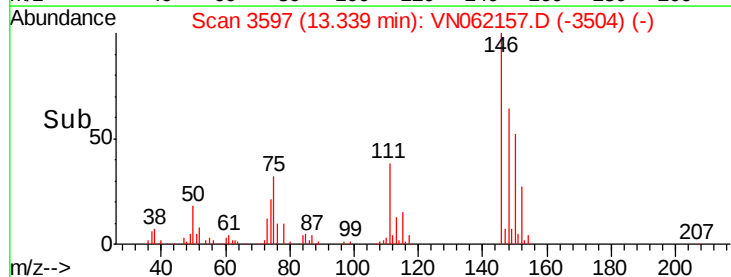
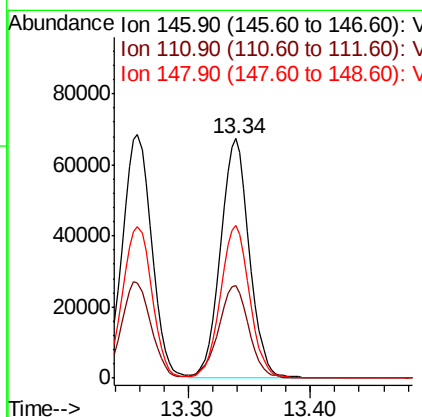
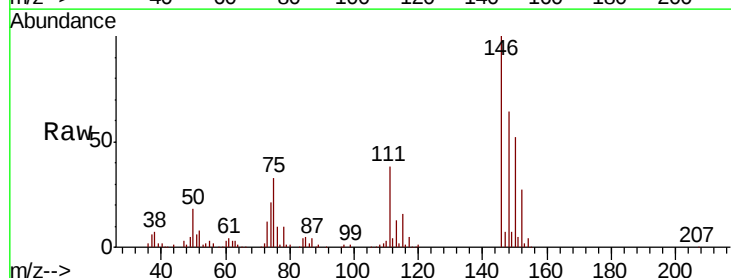
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

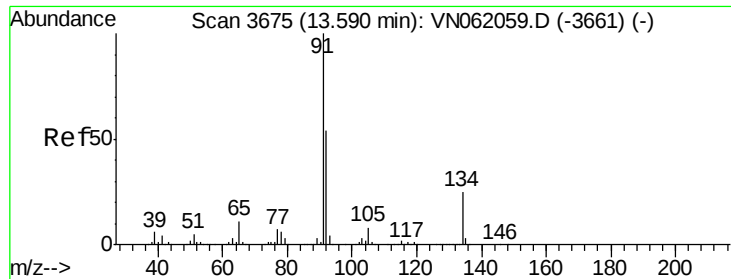
Tot Ion:146 Resp: 112651
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 61.0
 148 62.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.871 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion:146 Resp: 111868
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.9 59.6
 148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 18.104 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

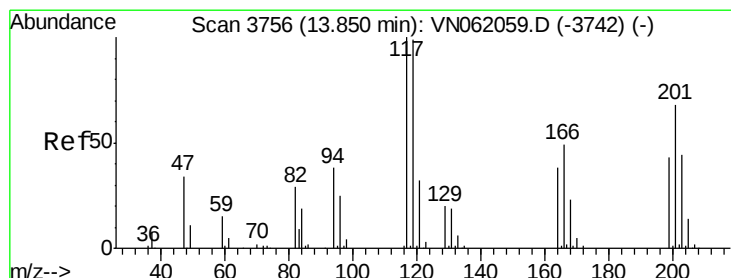
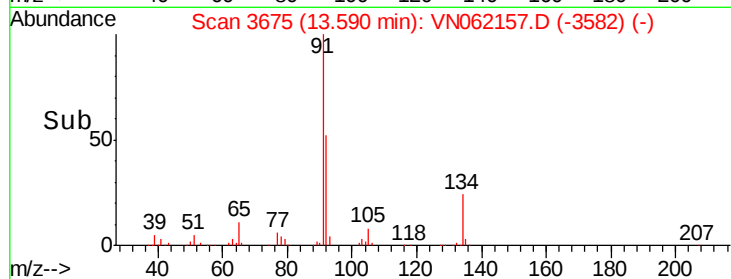
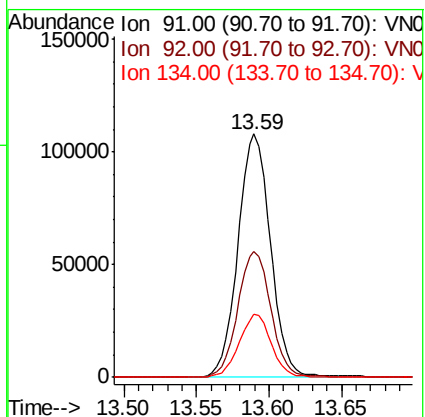
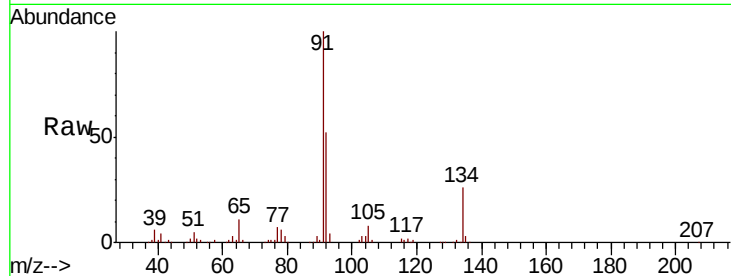
Tot Ion: 91 Resp: 168392

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 25.6 12.3 36.9



#90

Hexachloroethane

Concen: 18.494 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062157.D

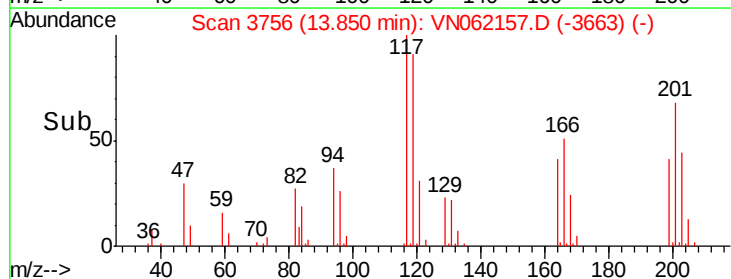
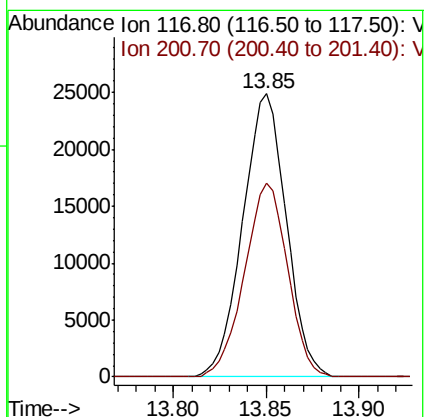
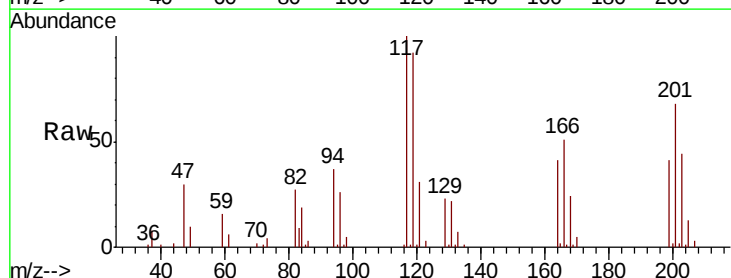
Acq: 26 Jun 2020 23:03

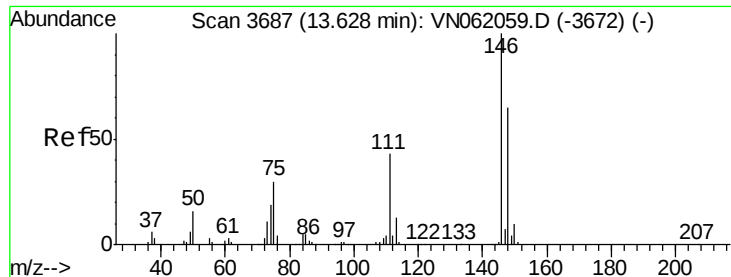
Tgt Ion: 117 Resp: 40594

Ion Ratio Lower Upper

117 100

201 67.6 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 19.069 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

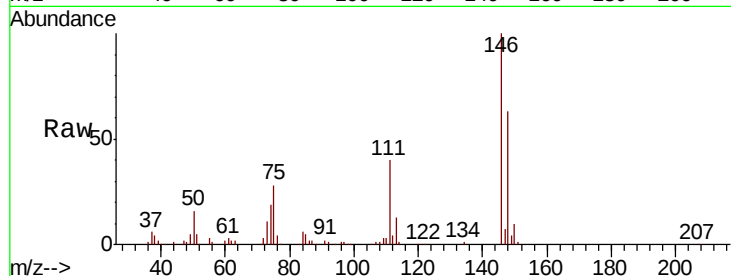
Tot Ion:146 Resp: 112293

Ion Ratio Lower Upper

146 100

111 41.4 21.2 63.6

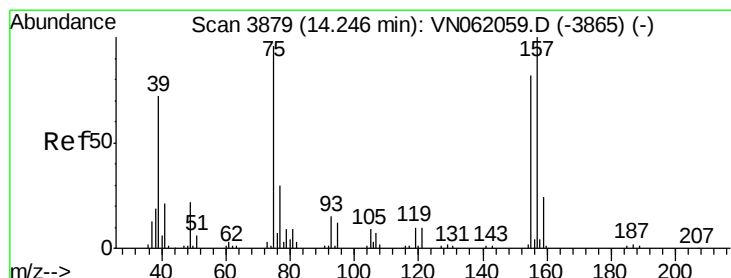
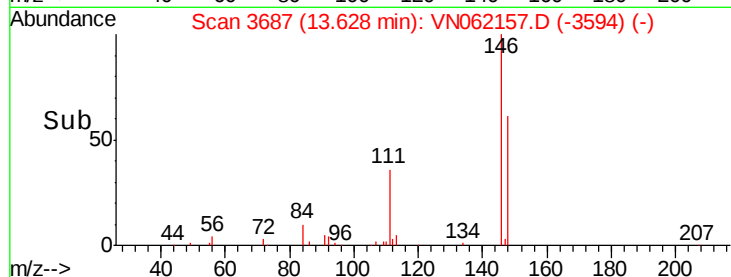
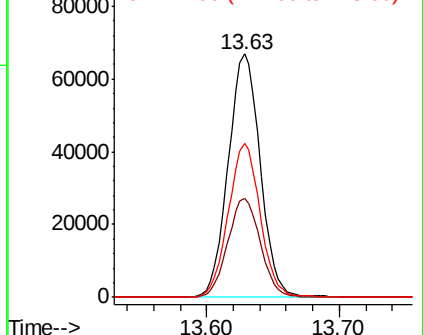
148 63.1 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.302 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062157.D

Acq: 26 Jun 2020 23:03

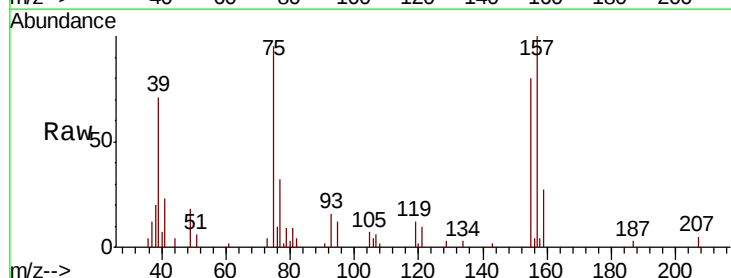
Tgt Ion: 75 Resp: 13591

Ion Ratio Lower Upper

75 100

155 83.2 40.8 122.4

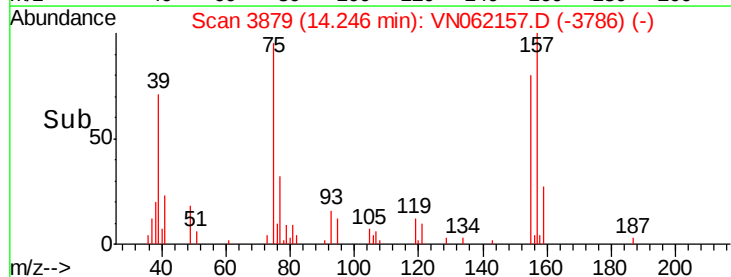
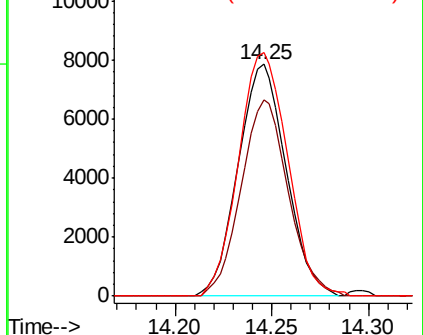
157 107.6 51.4 154.3

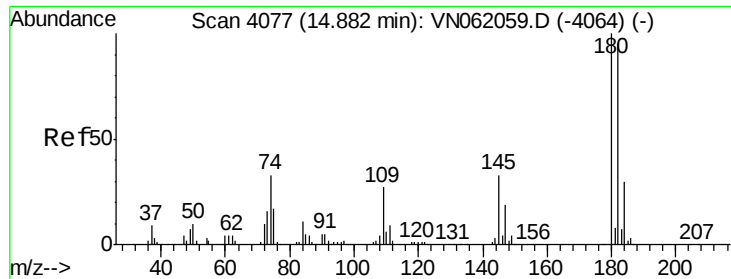


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

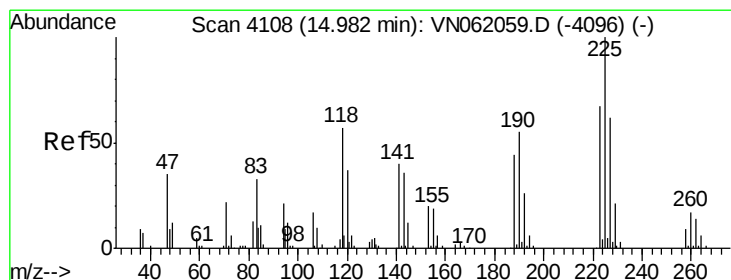
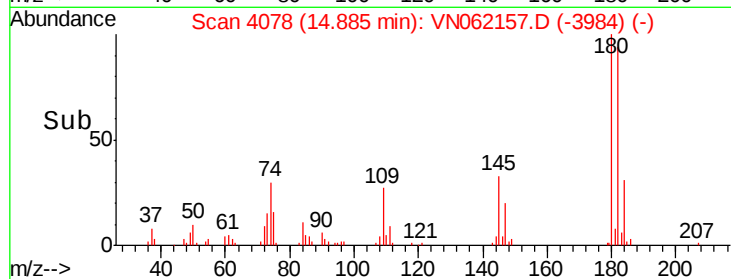
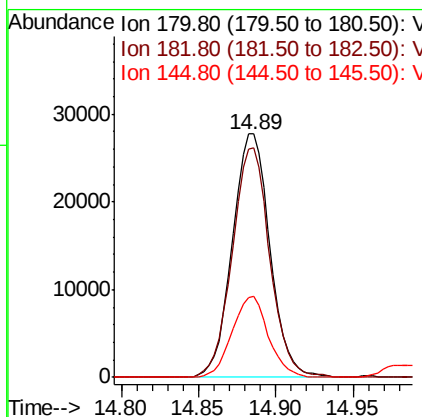
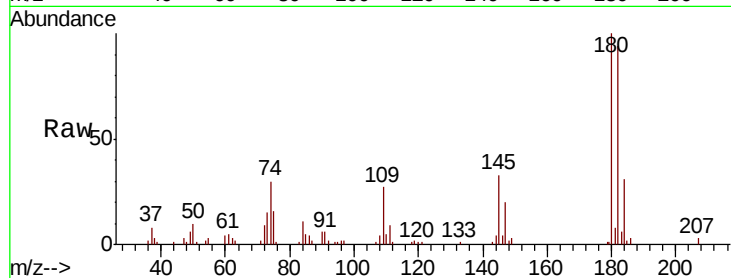




#93
 1,2,4-Trichlorobenzene
 Concen: 18.172 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

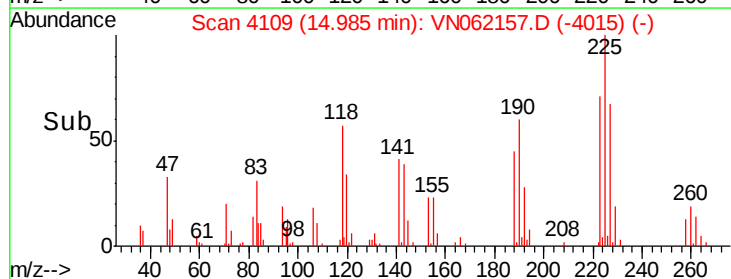
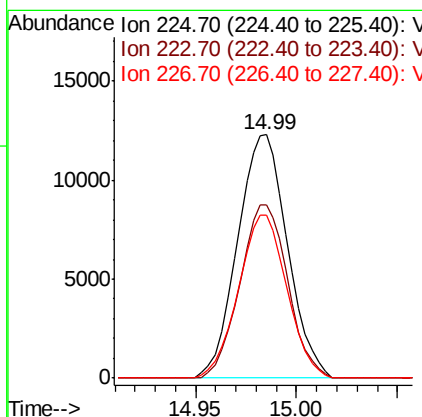
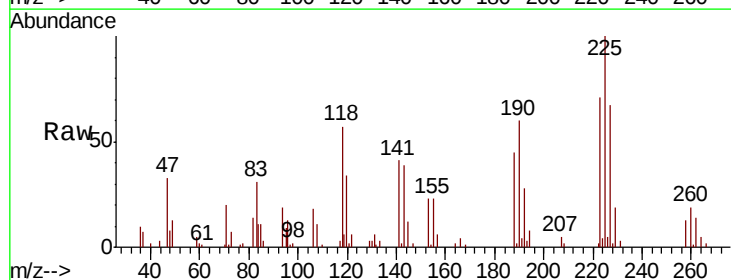
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

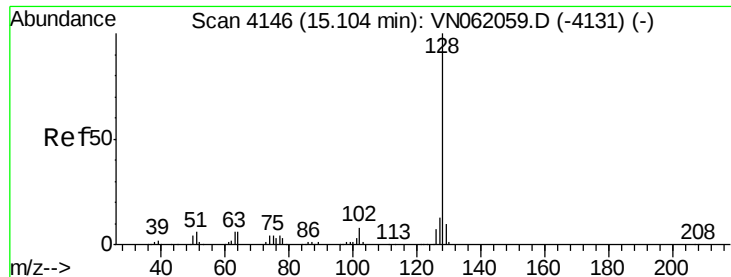
Tot Ion:180 Resp: 46747
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.0 144.2
 145 32.2 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 18.980 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062157.D
 Acq: 26 Jun 2020 23:03

Tgt Ion:225 Resp: 21207
 Ion Ratio Lower Upper
 225 100
 223 68.3 32.9 98.7
 227 65.1 31.3 93.8

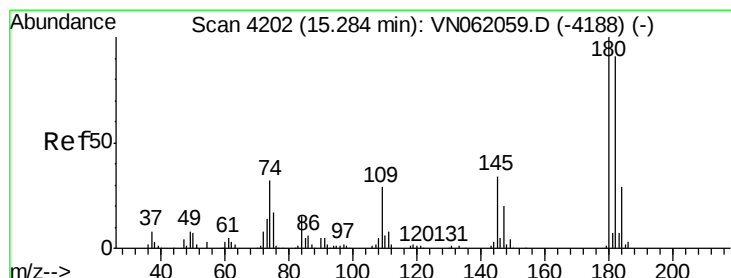
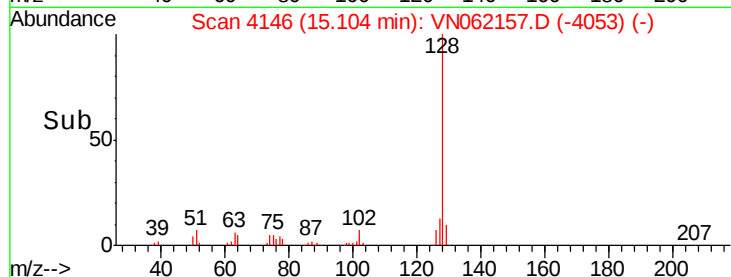
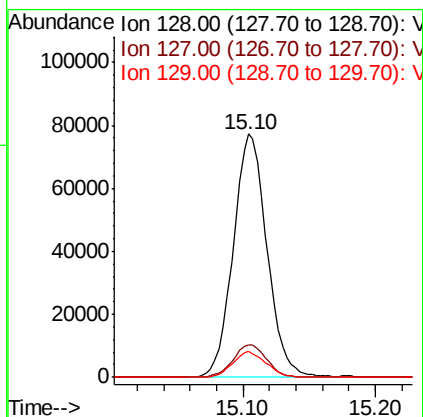
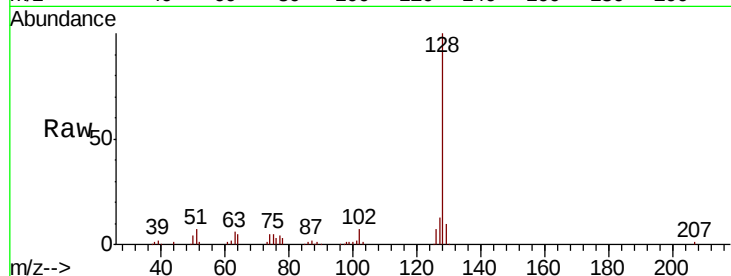




#95
Naphthalene
Concen: 18.623 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tot Ion:128 Resp: 136370
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.737 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062157.D
Acq: 26 Jun 2020 23:03

Tgt Ion:180 Resp: 49287
Ion Ratio Lower Upper
180 100
182 96.7 46.8 140.4
145 33.9 16.4 49.2

