

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038194.D
 Acq On : 16 Dec 2021 18:11
 Operator : SY/AP
 Sample : M5136-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 17 05:09:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	932444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2402094	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2120864	10.00	ppbv	0.00

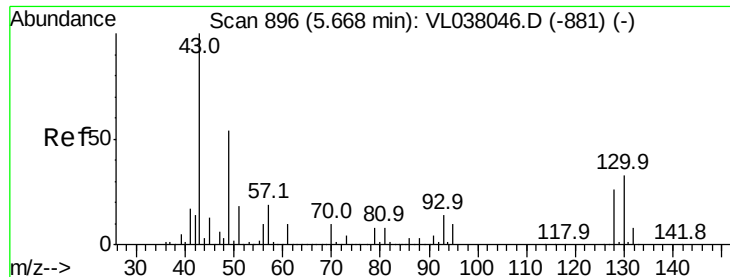
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1594496	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	34918	0.227	ppbv 93
3) Chlorodifluoromethane	3.00	51	57515	0.294	ppbv 98
4) Chloromethane	3.15	50	20810	0.312	ppbv 95
7) Chloroethane	3.56	64	37150	1.601	ppbv # 88
9) Propene	3.03	41	54965	0.762	ppbv # 76
10) Heptane	8.12	43	5811	0.033	ppbv # 27
11) Trichlorofluoromethane	3.96	101	27678	0.189	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	101612	0.981	ppbv 99
13) Ethanol	3.60	45	532183	76.363	ppbv 87
15) Acetone	3.86	43	348173	4.307	ppbv 98
16) 1,3-Butadiene	3.37	39	21982	0.349	ppbv # 17
17) tert-Butyl alcohol	4.30	59	28403	0.290	ppbv 95
18) 1,1-Dichloroethene	4.29	96	75745	1.594	ppbv 98
19) Isopropyl Alcohol	3.97	45	459617	7.868	ppbv # 97
20) Methylene Chloride	4.35	84	134884	2.979	ppbv 95
22) trans-1,2-Dichloroethene	4.89	96	3666	0.076	ppbv # 86
23) Vinyl Acetate	5.07	43	10483	0.090	ppbv # 39
24) 1,1-Dichloroethane	5.01	63	1442768	14.805	ppbv 99
25) Ethyl Acetate	5.69	43	121777	0.453	ppbv # 95
26) Hexane	5.69	57	80052	0.618	ppbv # 72
29) Chloroform	5.76	83	19186	0.101	ppbv 86
32) 1,1,1-Trichloroethane	6.52	97	8231173	42.493	ppbv 95
34) 2-Butanone	5.26	43	68414	0.706	ppbv 95
36) Benzene	6.90	78	31542	0.132	ppbv 99
37) 1,2-Dichloroethane	6.51	62	619596	5.354	ppbv # 1
38) Trichloroethene	7.84	130	12840	0.142	ppbv # 76
39) 1,2-Dichloropropane	7.18	63	633538	6.893	ppbv # 26
41) Tetrahydrofuran	6.07	42	29820	0.496	ppbv 96
44) 2,2,4-Trimethylpentane	7.88	57	13644	0.034	ppbv # 1
52) Tetrachloroethene	11.23	164	29878	0.337	ppbv 87
53) Toluene	9.81	91	88802	0.322	ppbv 97
58) Ethyl Benzene	12.71	91	35802	0.102	ppbv 93
60) o-Xylene	13.69	91	45114	0.165	ppbv 98
62) Isopropylbenzene	14.67	105	14044	0.036	ppbv # 59
74) 1,2,4-Trimethylbenzene	16.77	105	17630	0.059	ppbv # 66
75) 1,3-Dichlorobenzene	17.00	146	21664	0.132	ppbv # 1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

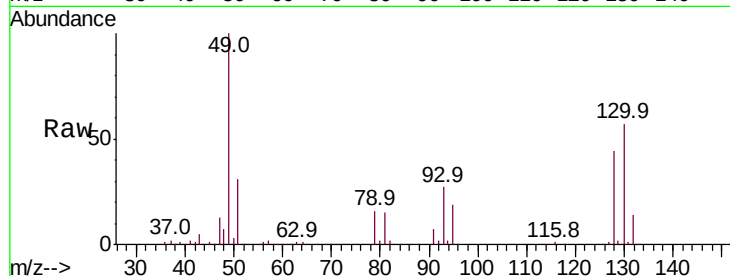
Tot Ion: 49 Resp: 932444

Ion Ratio Lower Upper

49 100

128 47.3 26.5 79.5

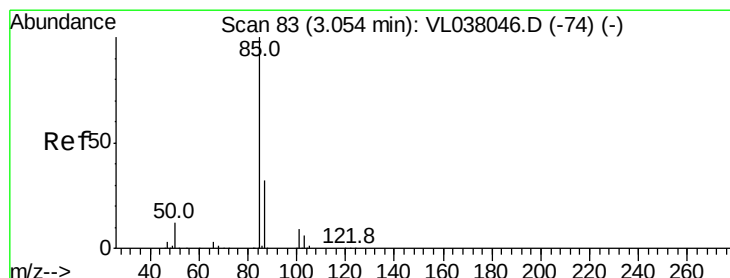
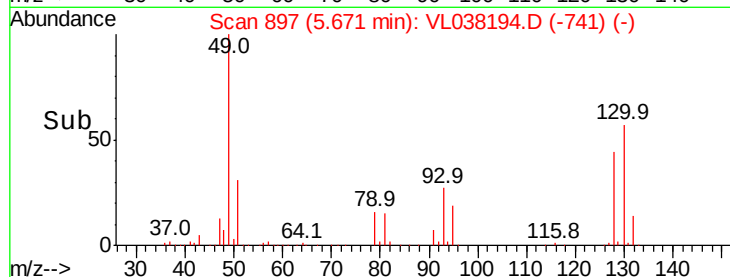
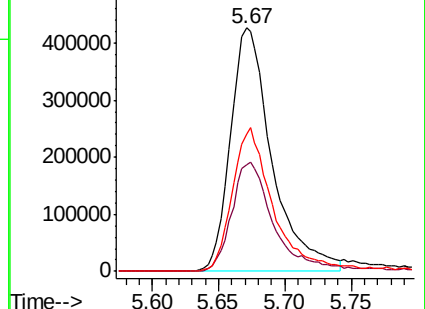
130 59.8 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.227 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038194.D

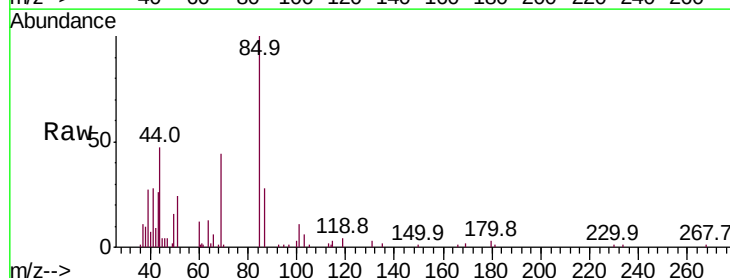
Acq: 16 Dec 2021 18:11

Tgt Ion: 85 Resp: 34918

Ion Ratio Lower Upper

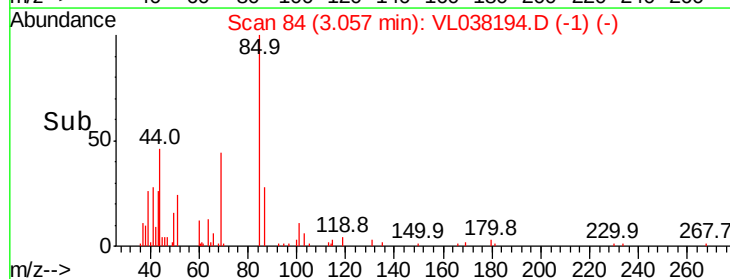
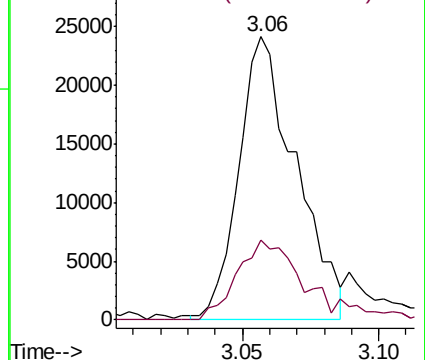
85 100

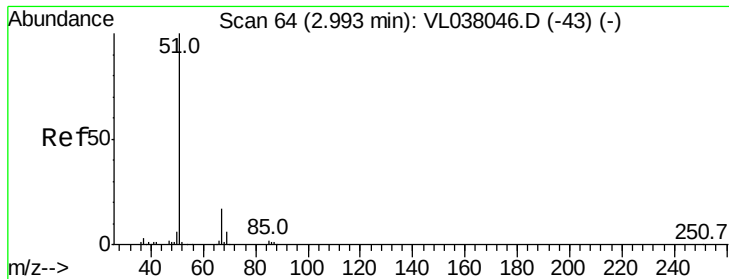
87 28.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.294 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

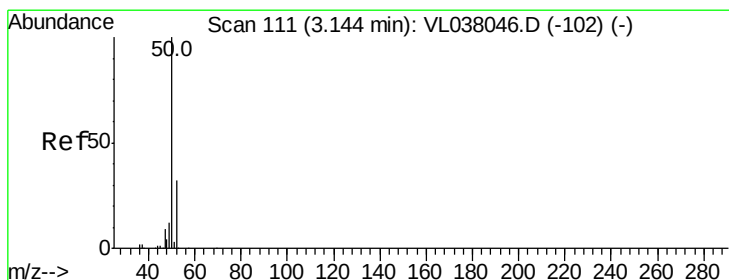
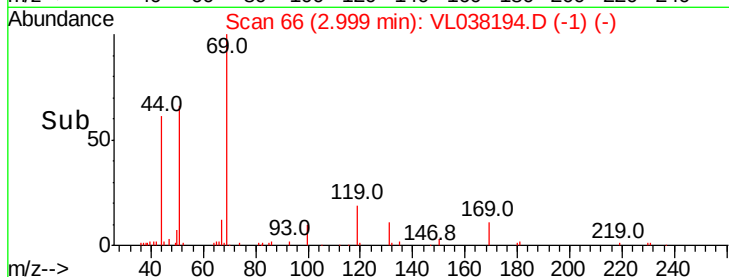
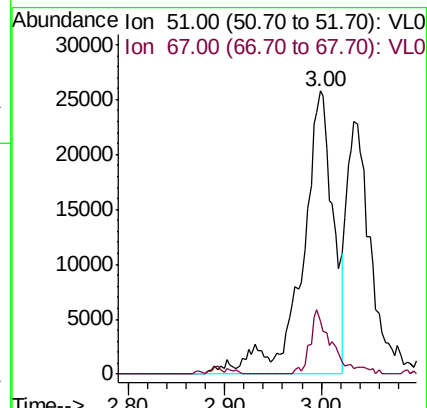
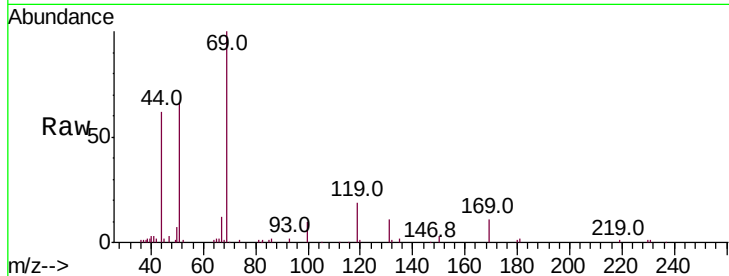
Acq: 16 Dec 2021 18:11

Tot Ion: 51 Resp: 57515

Ion Ratio Lower Upper

51 100

67 16.4 13.8 20.8



#4

Chloromethane

Concen: 0.312 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038194.D

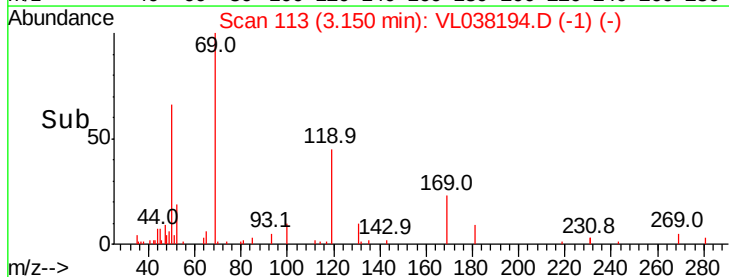
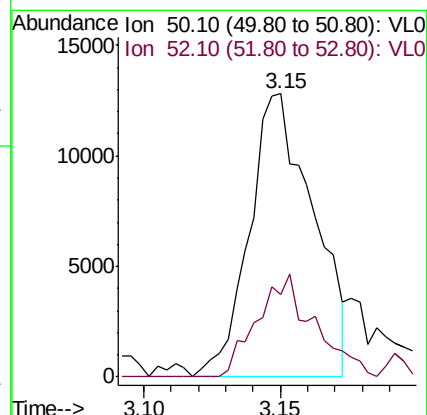
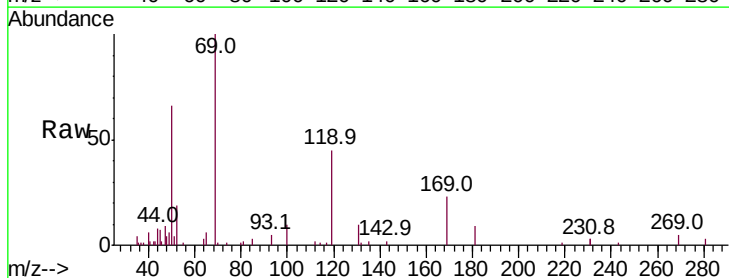
Acq: 16 Dec 2021 18:11

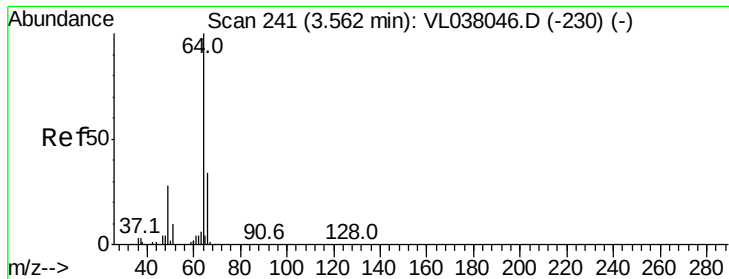
Tgt Ion: 50 Resp: 20810

Ion Ratio Lower Upper

50 100

52 28.9 25.4 38.0





#7

Chloroethane

Concen: 1.601 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

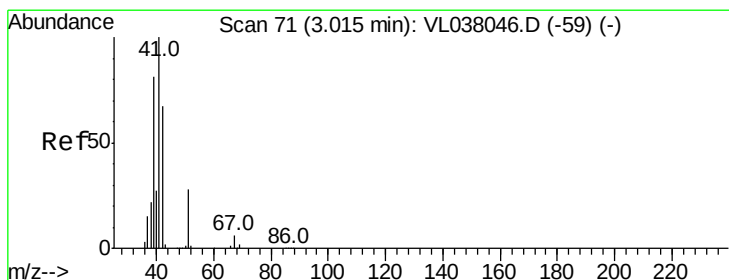
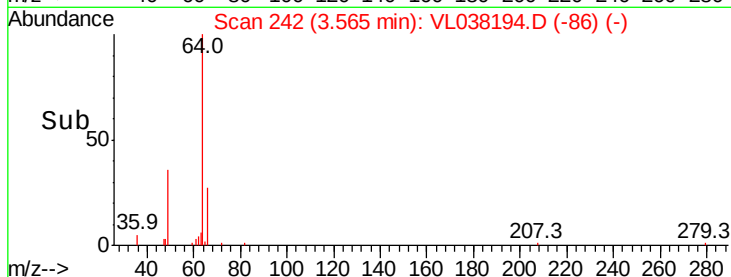
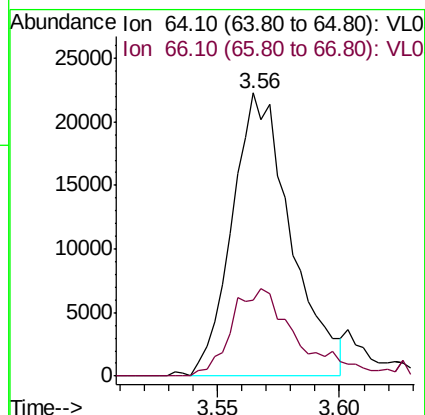
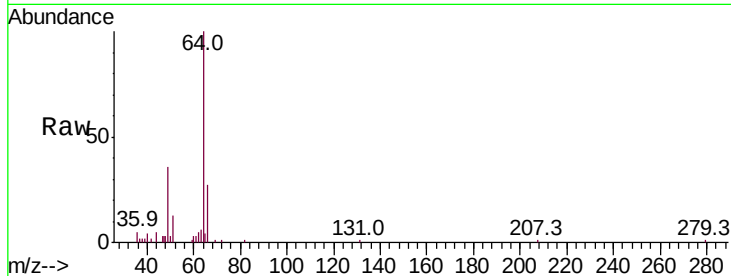
Acq: 16 Dec 2021 18:11

Tot Ion: 64 Resp: 37150

Ion Ratio Lower Upper

64 100

66 26.9 27.2 40.8#



#9

Propene

Concen: 0.762 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL038194.D

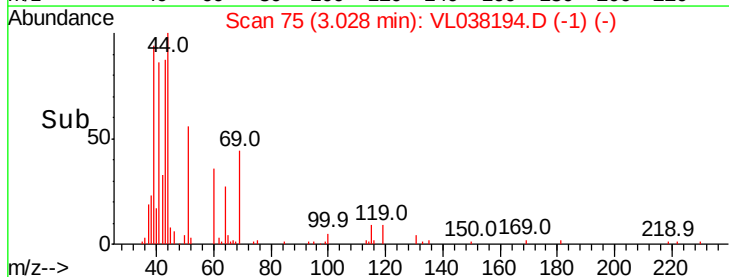
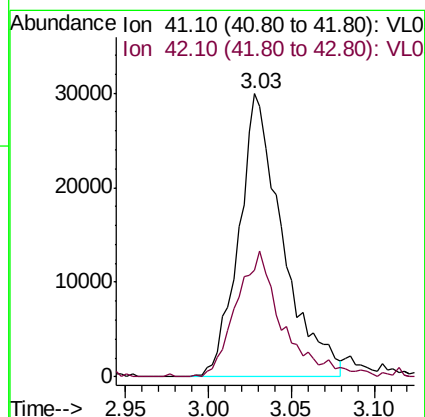
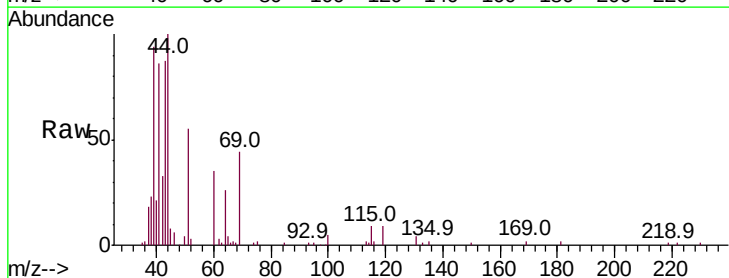
Acq: 16 Dec 2021 18:11

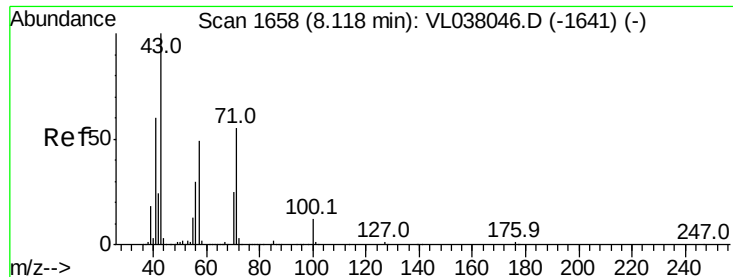
Tgt Ion: 41 Resp: 54965

Ion Ratio Lower Upper

41 100

42 47.9 53.8 80.8#





#10

Heptane

Concen: 0.033 ppbv

RT: 8.12 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

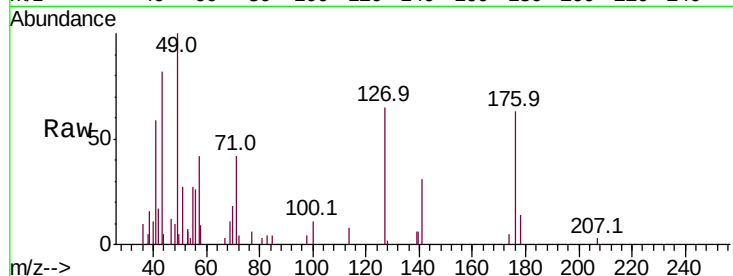
Acq: 16 Dec 2021 18:11

Tot Ion: 43 Resp: 5811

Ion Ratio Lower Upper

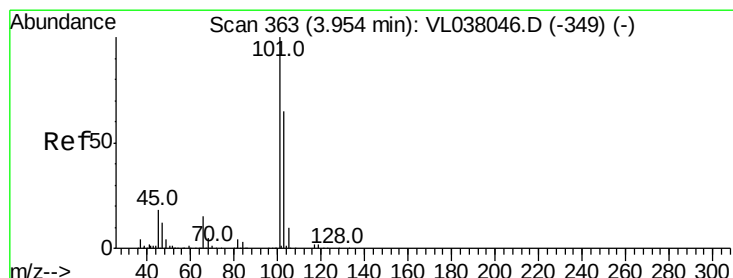
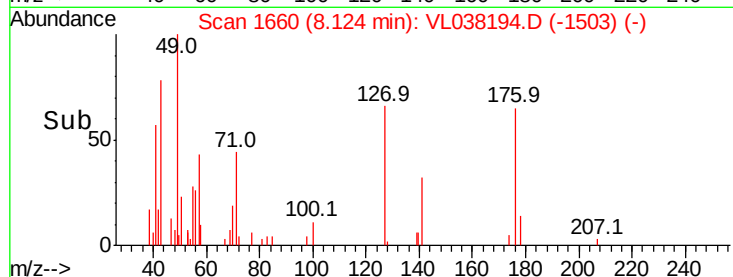
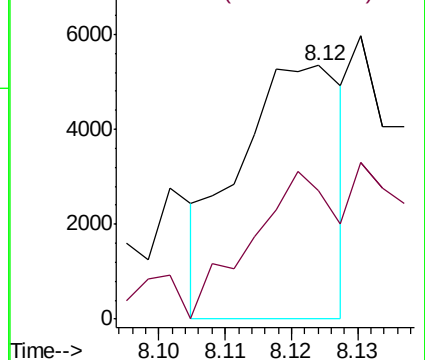
43 100

57 0.0 40.4 60.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.189 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL038194.D

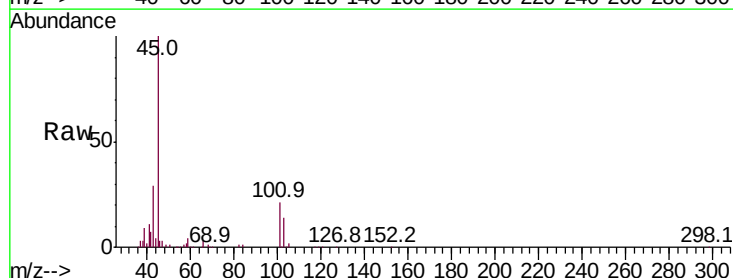
Acq: 16 Dec 2021 18:11

Tgt Ion: 101 Resp: 27678

Ion Ratio Lower Upper

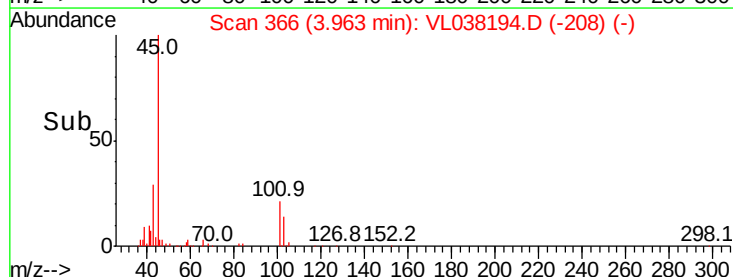
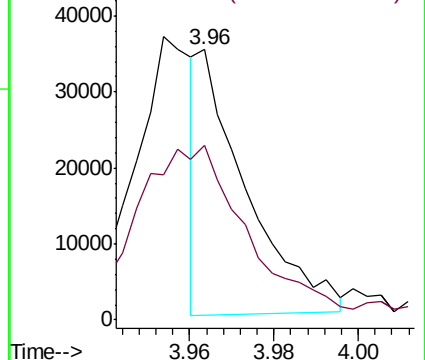
101 100

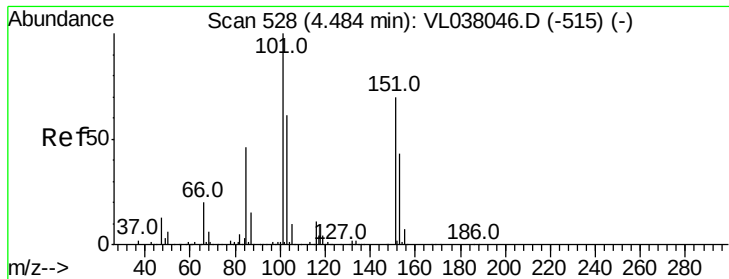
103 64.7 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

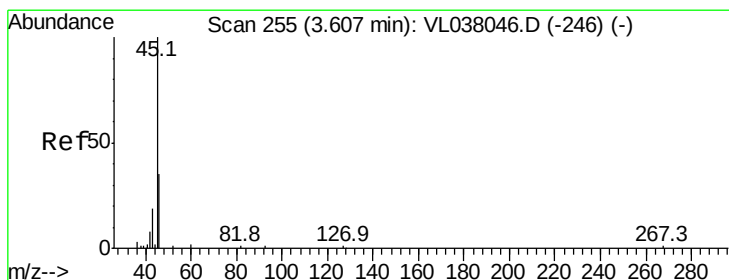
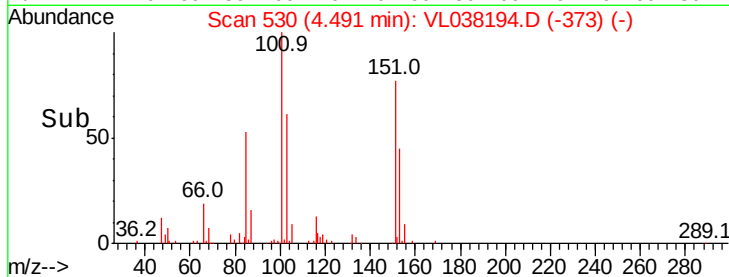
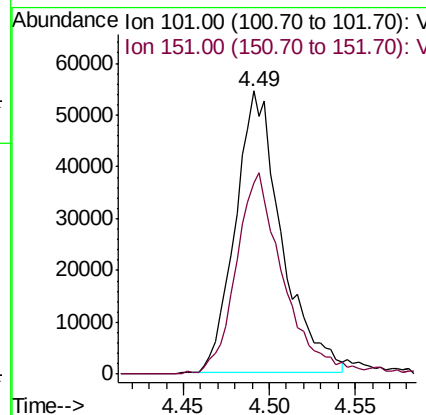
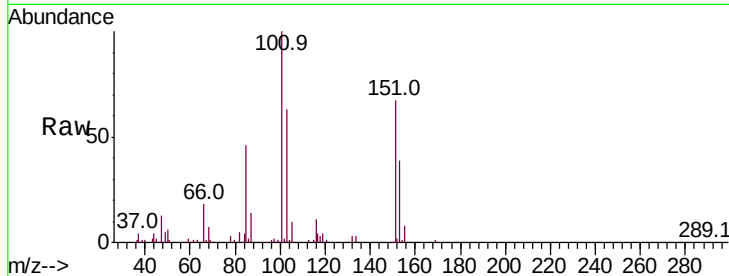
Ion 103.00 (102.70 to 103.70): V





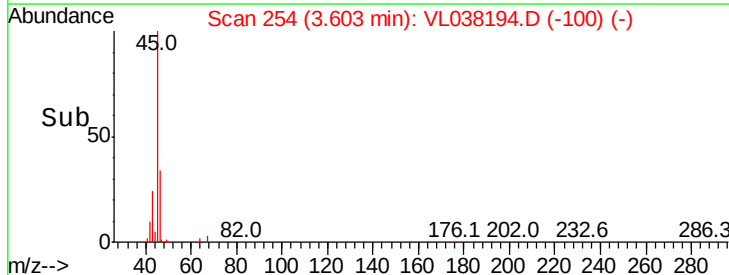
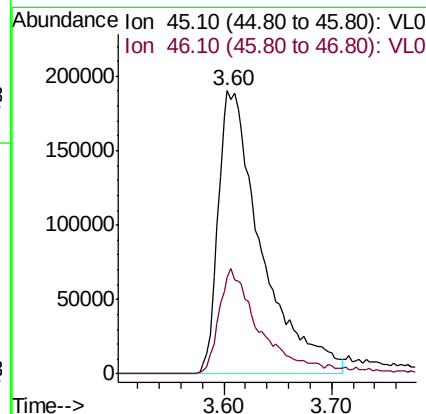
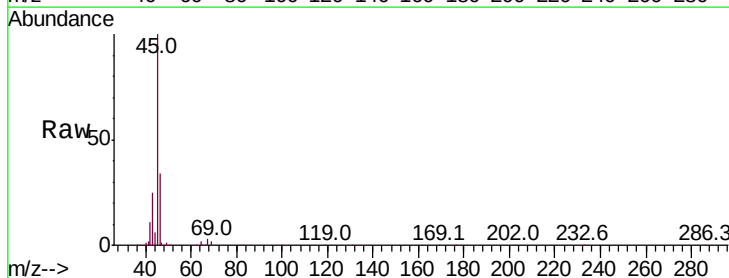
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.981 ppbv
 RT: 4.49
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Dec 2021 18:11

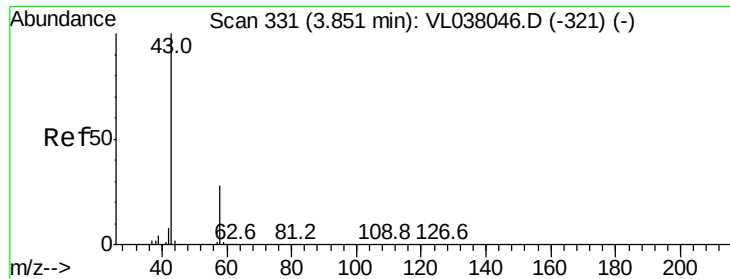
Tot Ion:101 Resp: 101612
 Ion Ratio Lower Upper
 101 100
 151 74.6 59.0 88.4



#13
 Ethanol
 Concen: 76.363 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VL038194.D
 Acq: 16 Dec 2021 18:11

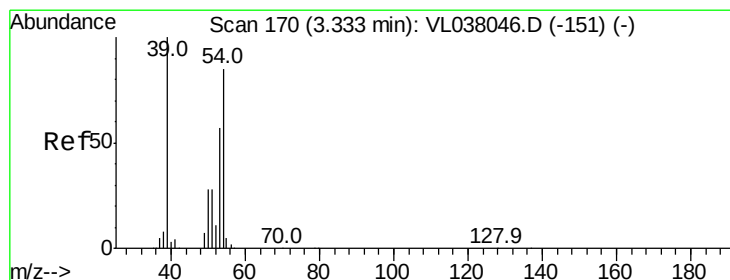
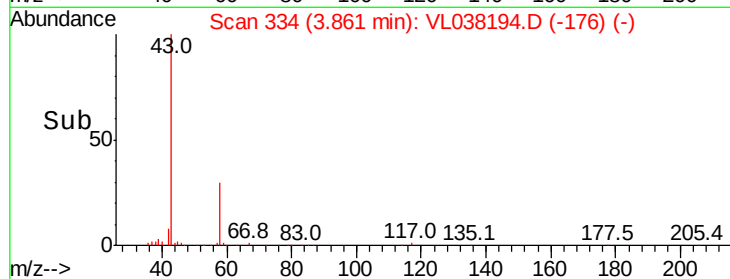
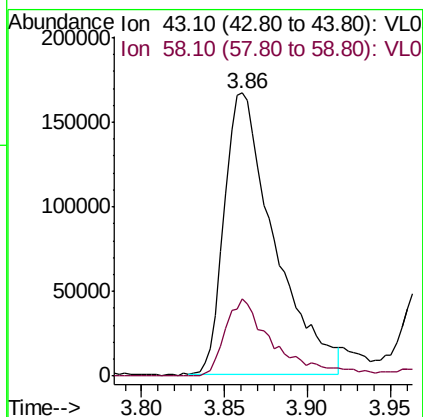
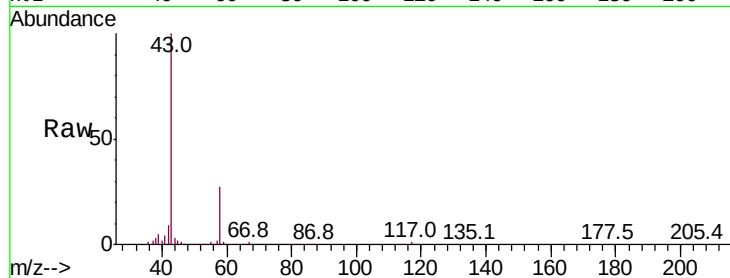
Tgt Ion: 45 Resp: 532183
 Ion Ratio Lower Upper
 45 100
 46 35.7 17.6 70.2





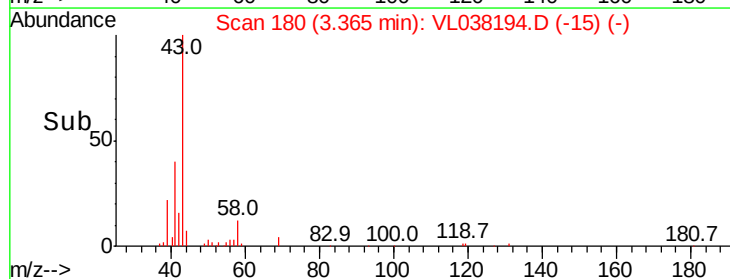
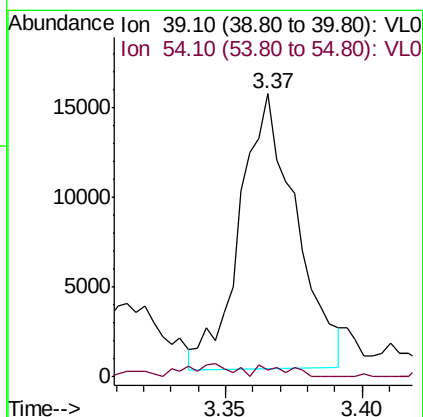
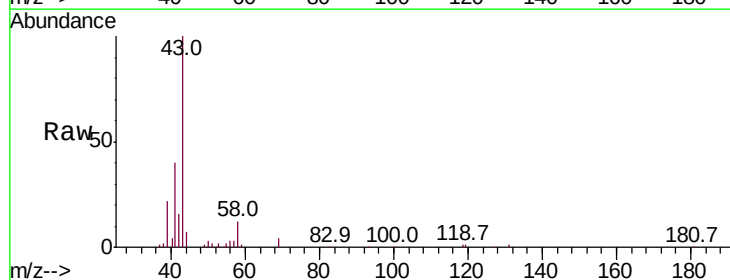
#15
Acetone
Concen: 4.307 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 18:11

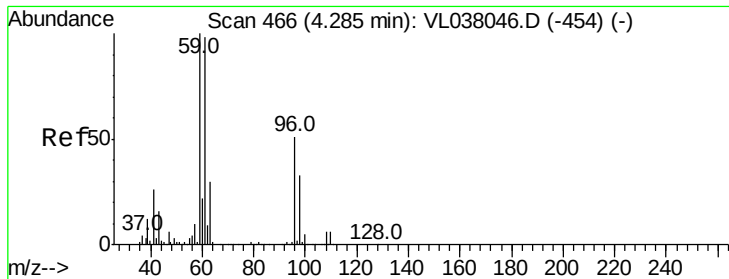
Tot Ion: 43 Resp: 348173
Ion Ratio Lower Upper
43 100
58 27.0 22.4 33.6



#16
1,3-Butadiene
Concen: 0.349 ppbv
RT: 3.37 min Scan# 180
Delta R.T. 0.03 min
Lab File: VL038194.D
Acq: 16 Dec 2021 18:11

Tgt Ion: 39 Resp: 21982
Ion Ratio Lower Upper
39 100
54 7.2 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 0.290 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

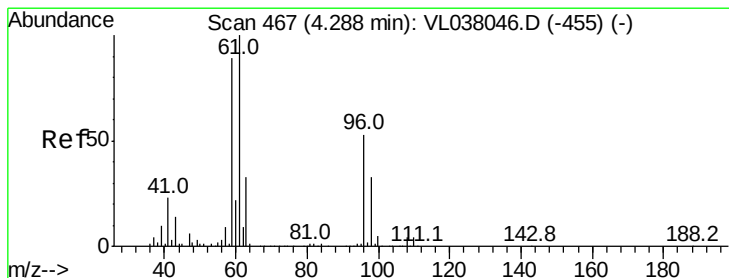
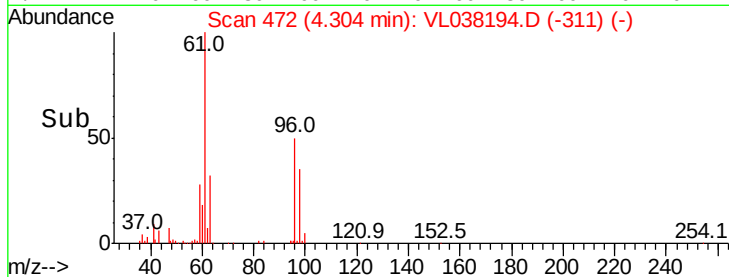
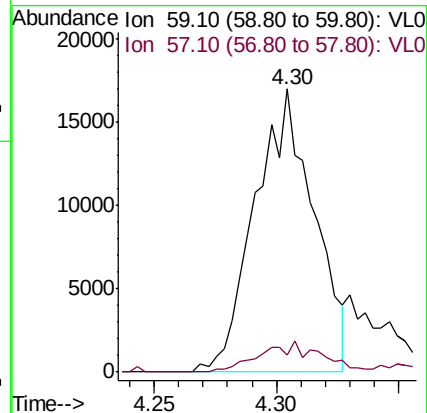
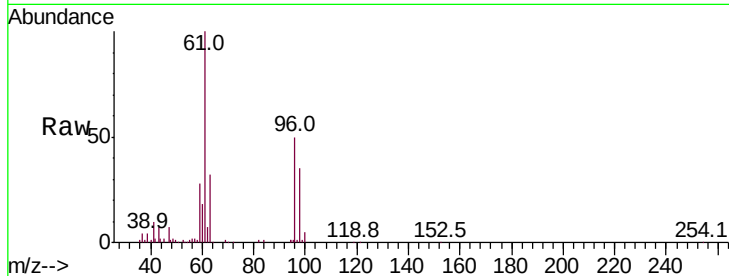
Acq: 16 Dec 2021 18:11

Tot Ion: 59 Resp: 28403

Ion Ratio Lower Upper

59 100

57 12.7 8.6 13.0



#18

1,1-Dichloroethene

Concen: 1.594 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

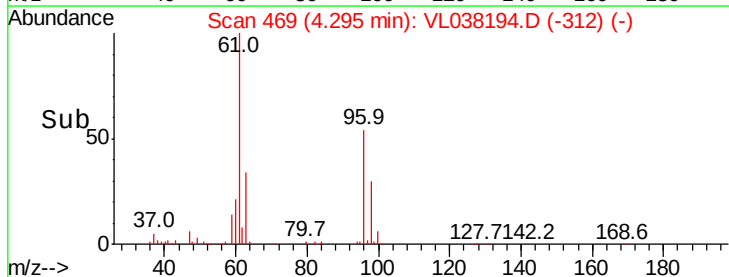
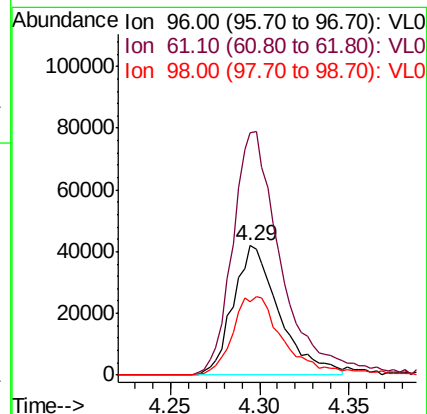
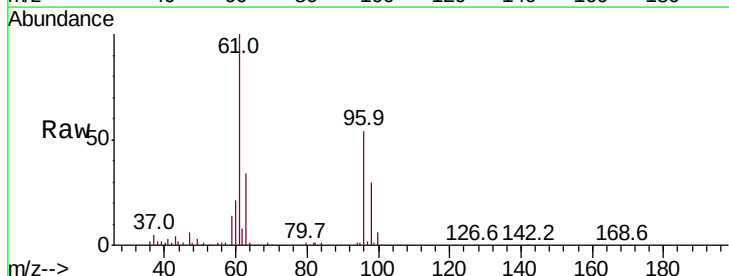
Tgt Ion: 96 Resp: 75745

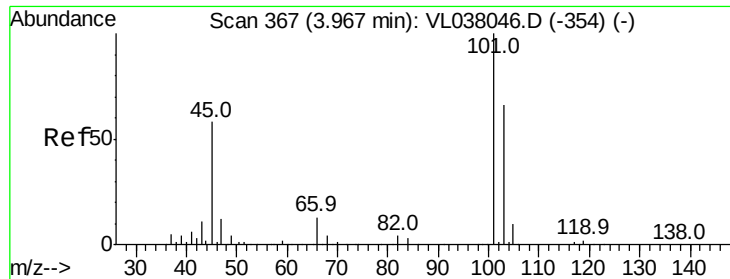
Ion Ratio Lower Upper

96 100

61 186.2 149.8 224.8

98 56.8 50.2 75.2





#19

Isopropyl Alcohol

Concen: 7.868 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

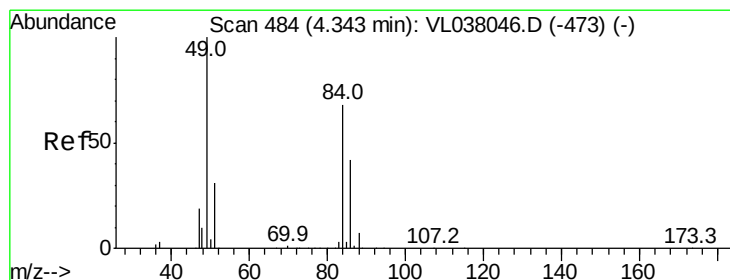
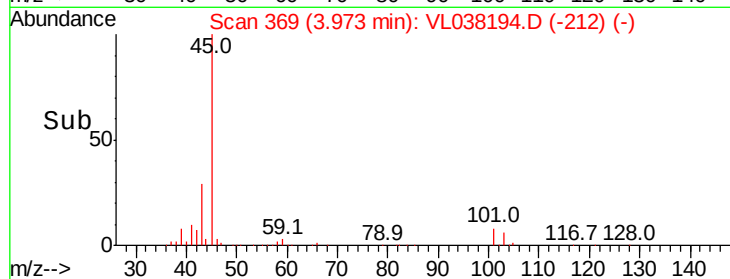
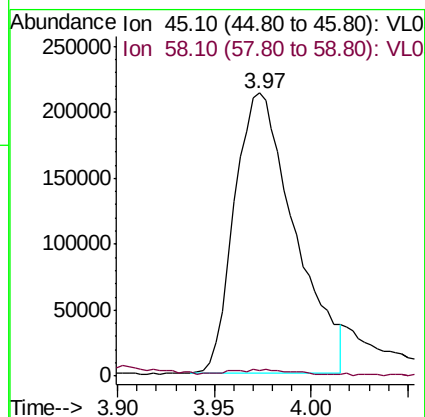
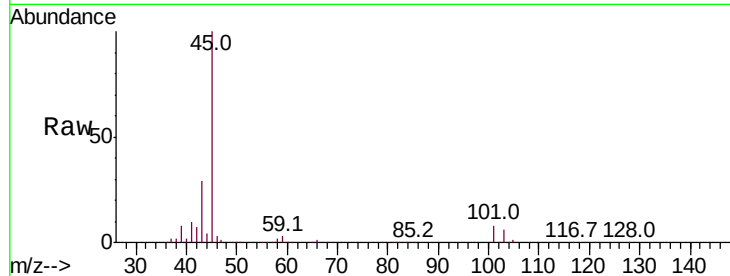
Acq: 16 Dec 2021 18:11

Tot Ion: 45 Resp: 459617

Ion Ratio Lower Upper

45 100

58 2.7 1.4 2.0#



#20

Methylene Chloride

Concen: 2.979 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion: 84 Resp: 134884

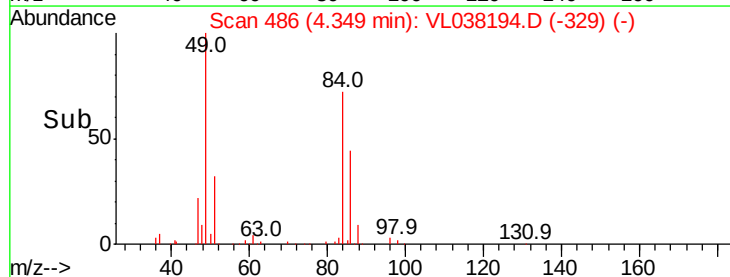
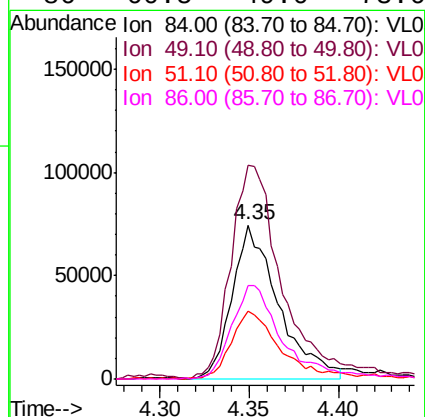
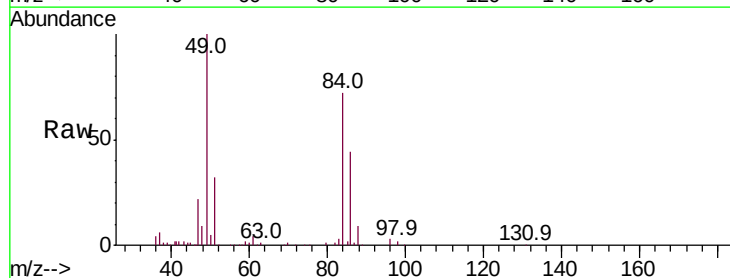
Ion Ratio Lower Upper

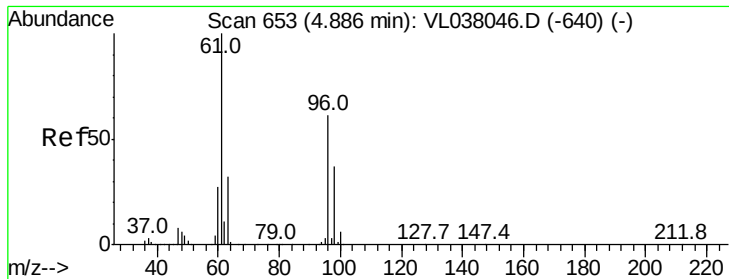
84 100

49 139.0 118.2 177.2

51 43.8 36.8 55.2

86 60.5 49.0 73.6





#22

trans-1,2-Dichloroethene

Concen: 0.076 ppbv

RT: 4.89 Instrument:

Delta R.T. MSVOA_L

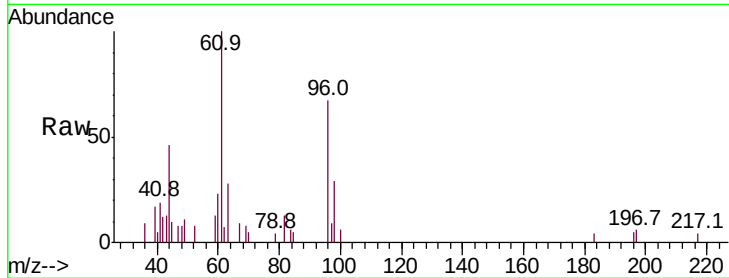
Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

Tot Ion: 96 Resp: 3666

Ion Ratio Lower Upper

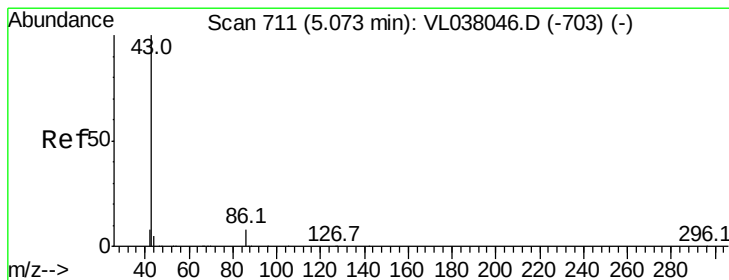
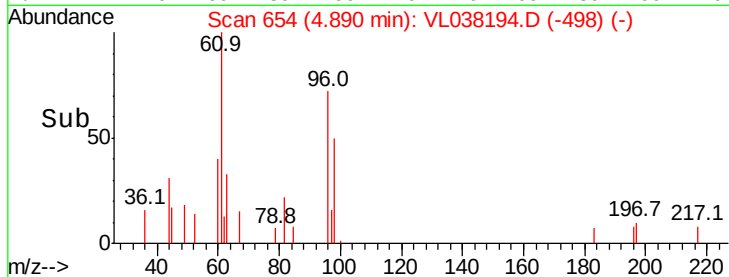
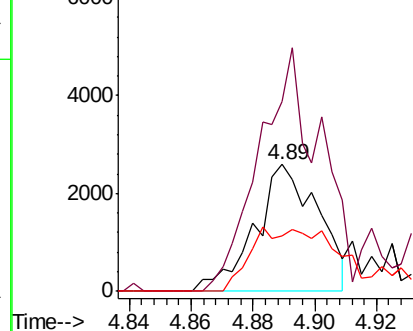
96	100		
61	149.9	131.6	197.4
98	43.7	48.4	72.6#



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.090 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.00 min

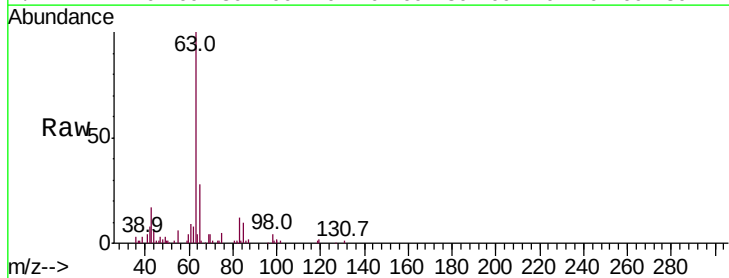
Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion: 43 Resp: 10483

Ion Ratio Lower Upper

43	100		
86	0.0	5.3	7.9#
42	43.8	7.0	10.6#
44	22.8	4.0	6.0#

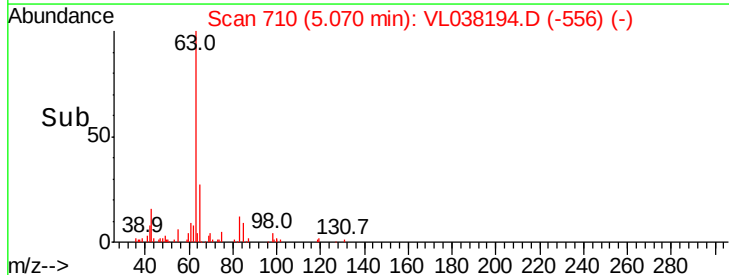
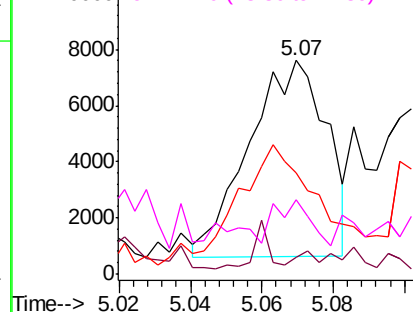


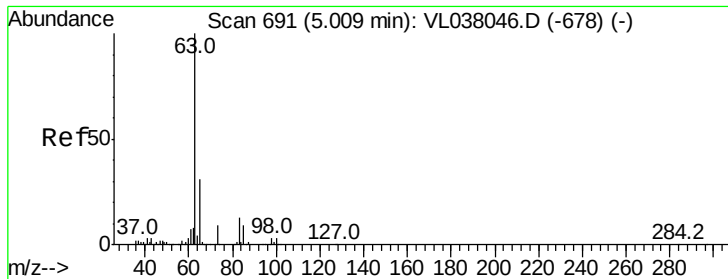
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0





#24

1,1-Dichloroethane

Concen: 14.805 ppbv

RT: 5.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

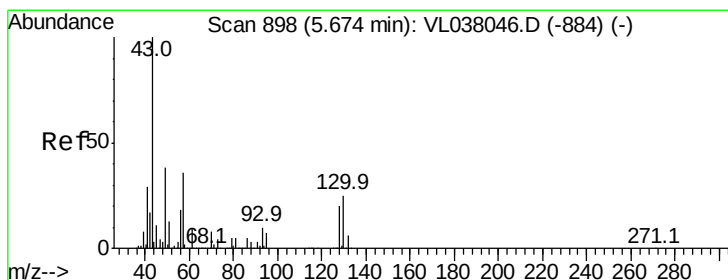
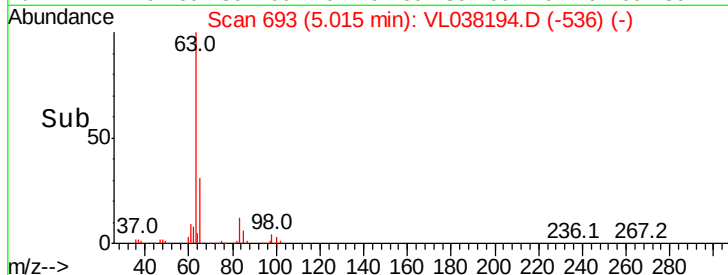
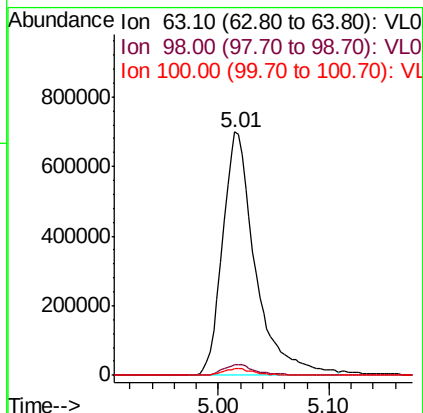
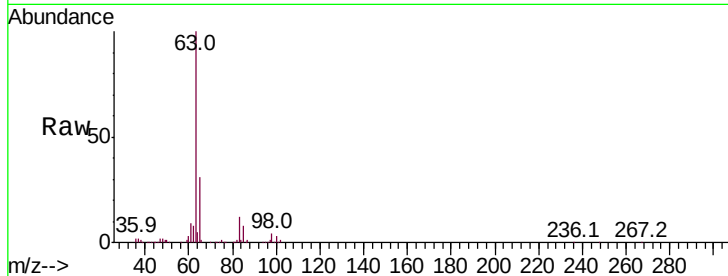
Tot Ion: 63 Resp: 1442768

Ion Ratio Lower Upper

63 100

98 4.3 1.8 5.4

100 2.7 1.4 4.0



#25

Ethyl Acetate

Concen: 0.453 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.02 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion: 43 Resp: 121777

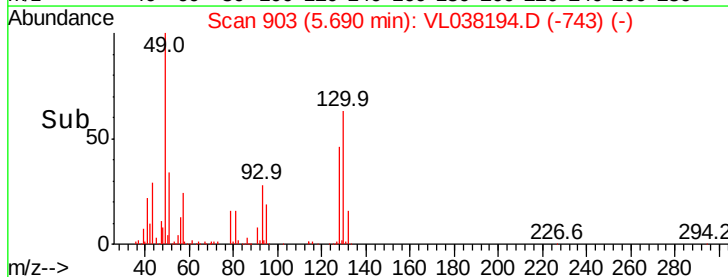
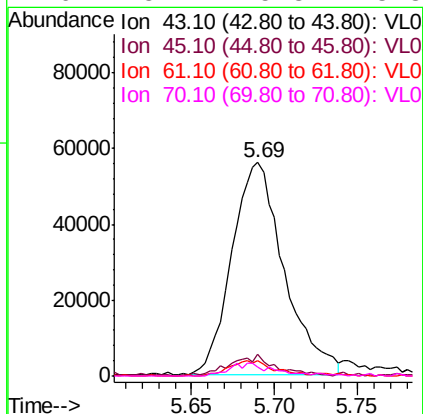
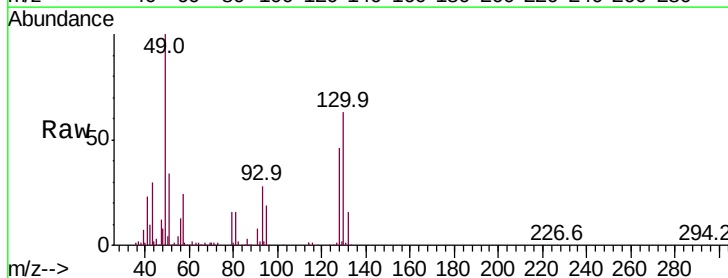
Ion Ratio Lower Upper

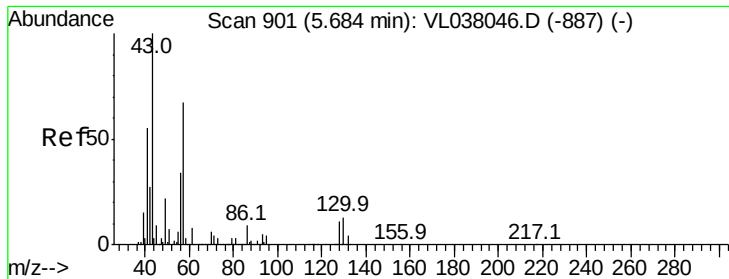
43 100

45 9.4 7.9 11.9

61 7.0 7.8 11.6#

70 5.4 5.8 8.8#





#26

Hexane

Concen: 0.618 ppbv

RT: 5.69 Instrument:

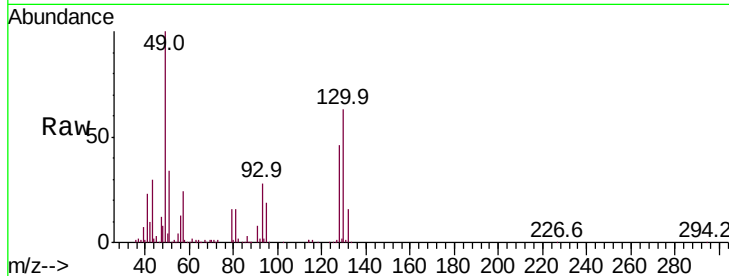
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

Tot Ion: 57 Resp: 80052

Ion	Ratio	Lower	Upper
57	100		
41	108.9	71.4	107.2#
43	161.3	174.6	261.8#
56	62.1	43.2	64.8

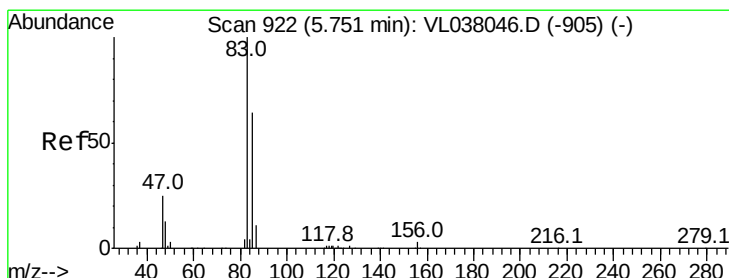
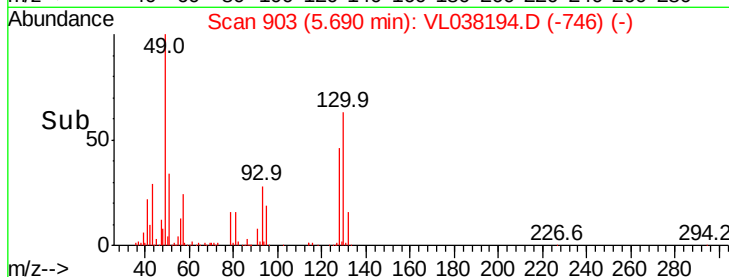
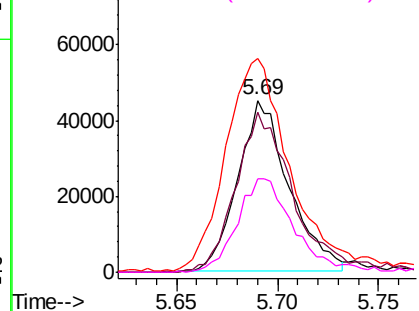


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29

Chloroform

Concen: 0.101 ppbv

RT: 5.76 min Scan# 925

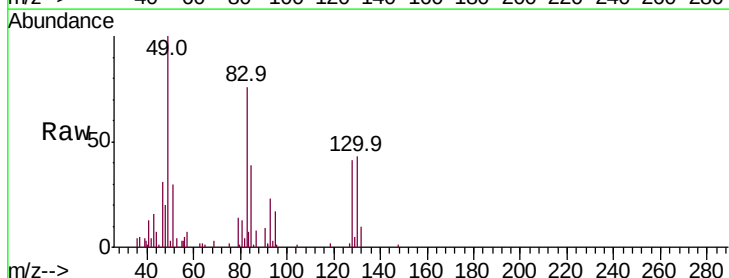
Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

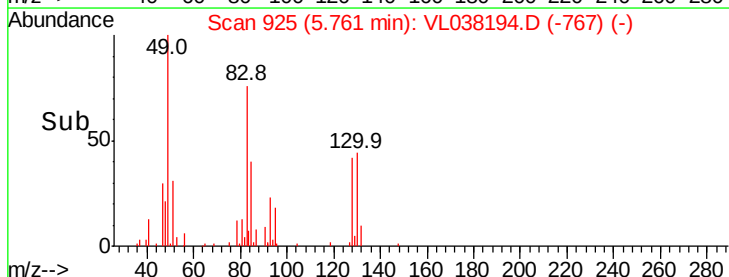
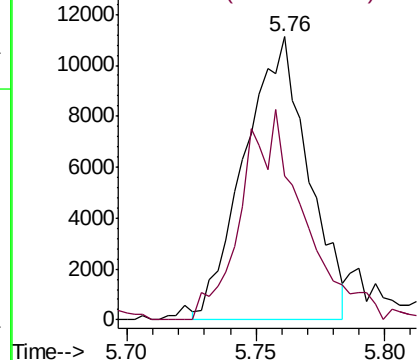
Tgt Ion: 83 Resp: 19186

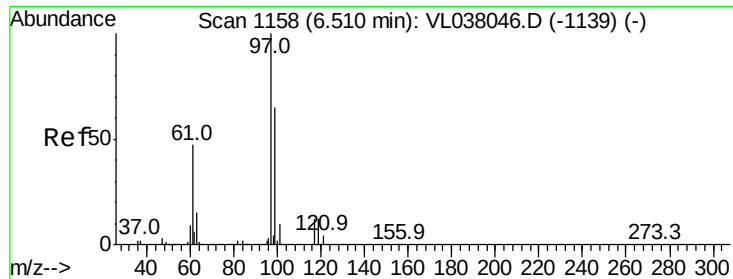
Ion	Ratio	Lower	Upper
83	100		
85	52.5	51.0	76.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





#32

1,1,1-Trichloroethane

Concen: 42.493 ppbv

RT: 6.52

Instrument: MSVOA_1

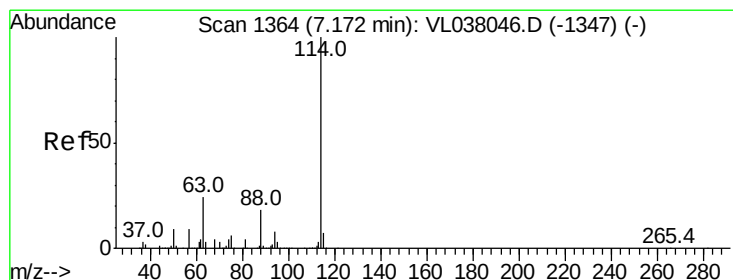
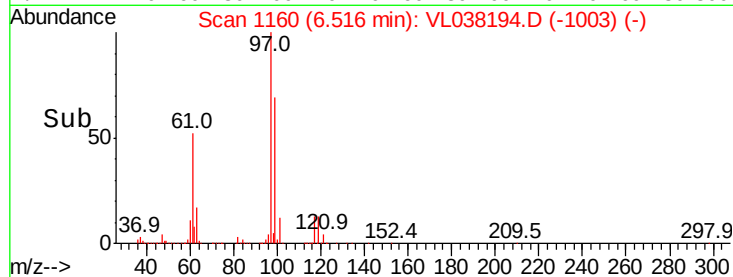
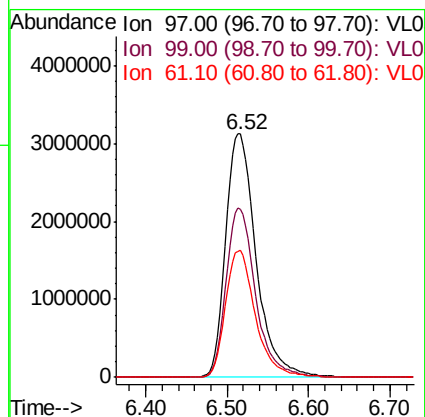
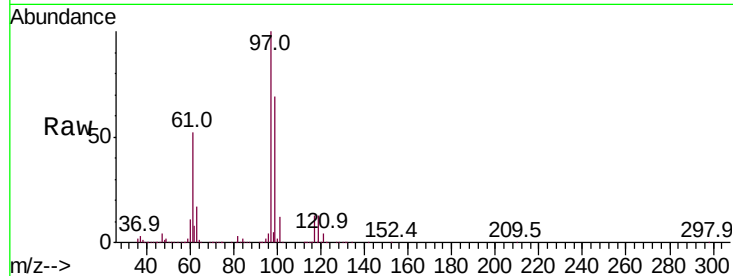
Delta R.T.:

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

Tot Ion: 97 Resp: 8231173

Ion	Ratio	Lower	Upper
97	100		
99	67.6	52.2	78.4
61	51.6	37.7	56.5



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

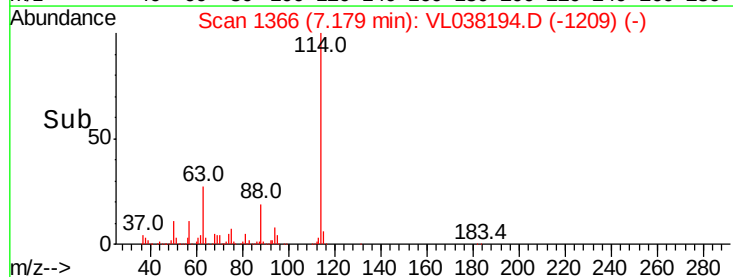
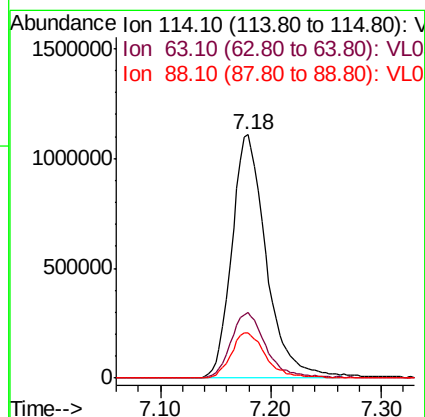
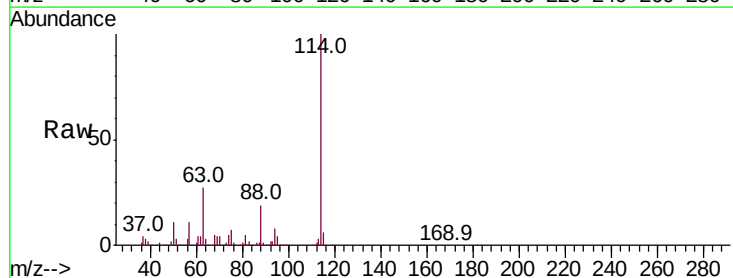
Delta R.T. 0.01 min

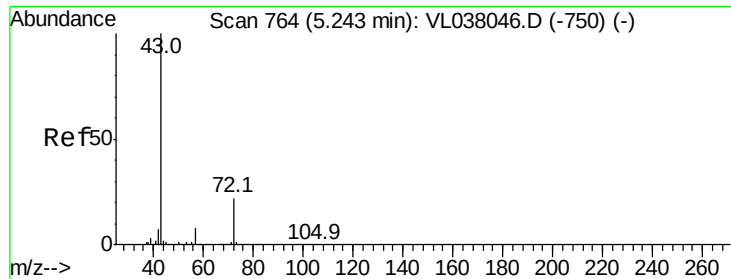
Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion: 114 Resp: 2402094

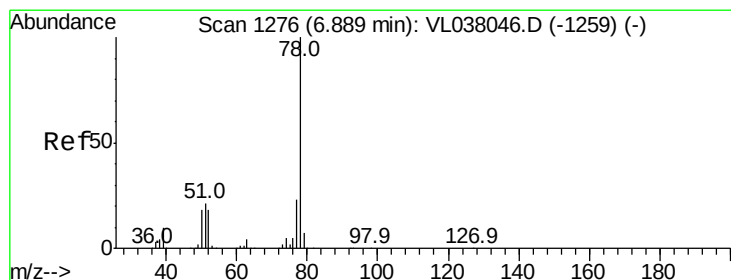
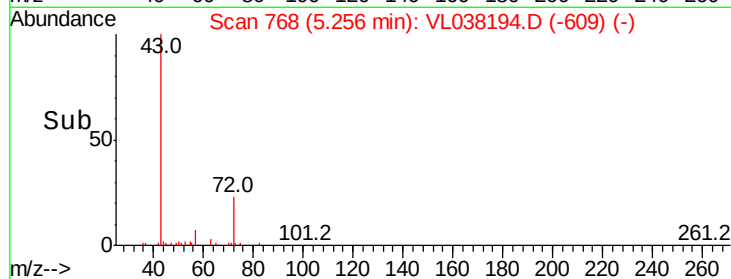
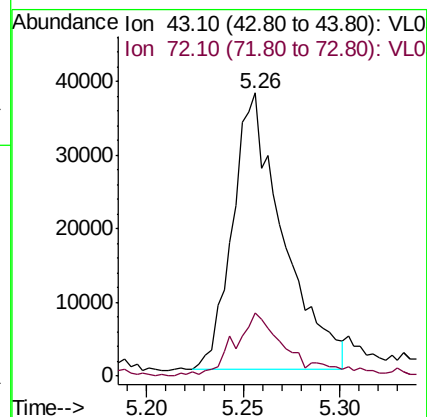
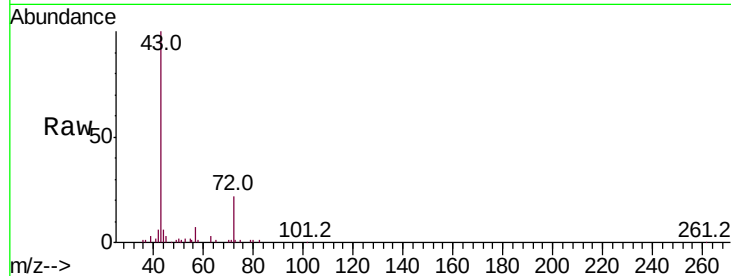
Ion	Ratio	Lower	Upper
114	100		
63	27.8	19.7	29.5
88	19.0	14.4	21.6





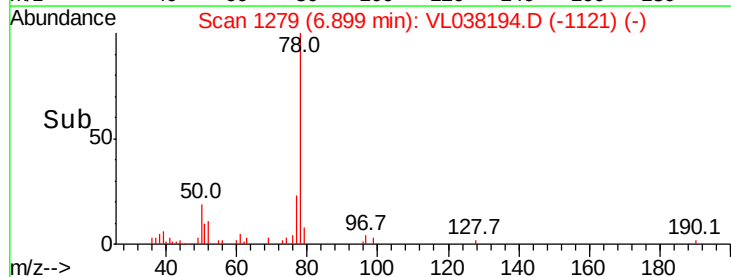
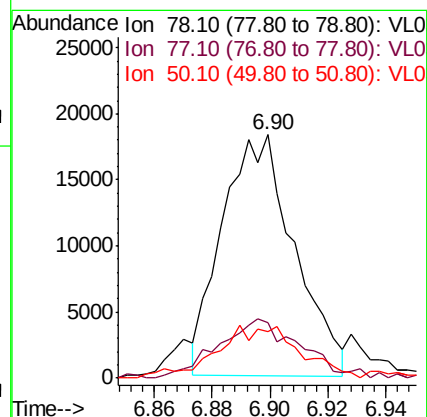
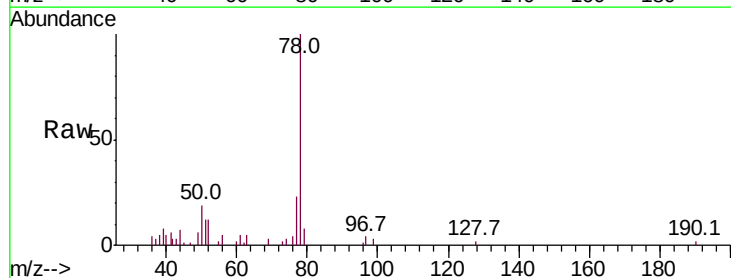
#34
 2-Butanone
 Concen: 0.706 ppbv
 RT: 5.26
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Dec 2021 18:11

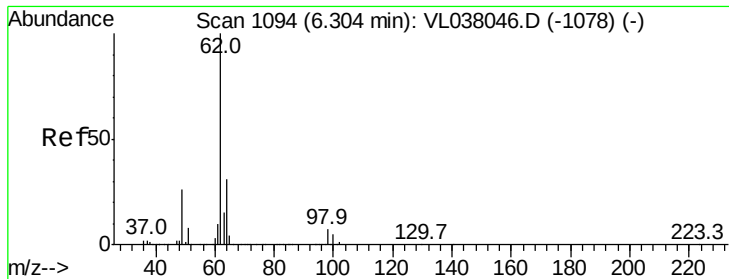
Tot Ion: 43 Resp: 68414
 Ion Ratio Lower Upper
 43 100
 72 25.8 18.8 28.2



#36
 Benzene
 Concen: 0.132 ppbv
 RT: 6.90 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: VL038194.D
 Acq: 16 Dec 2021 18:11

Tgt Ion: 78 Resp: 31542
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.2 27.4
 50 18.2 14.7 22.1





#37

1,2-Dichloroethane

Concen: 5.354 ppbv

RT: 6.51 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

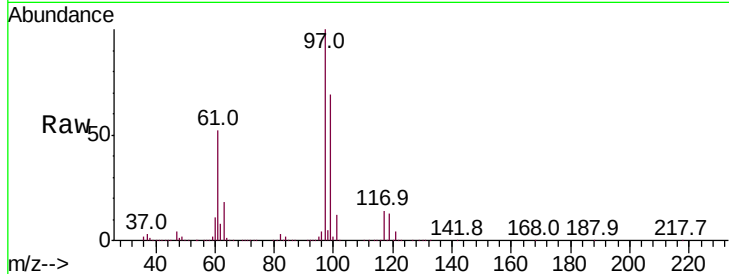
Acq: 16 Dec 2021 18:11

Tot Ion: 62 Resp: 619596

Ion Ratio Lower Upper

62 100

98 62.6 5.8 8.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

250000 6.51

200000

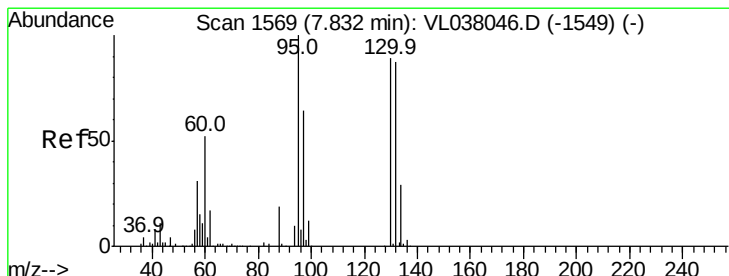
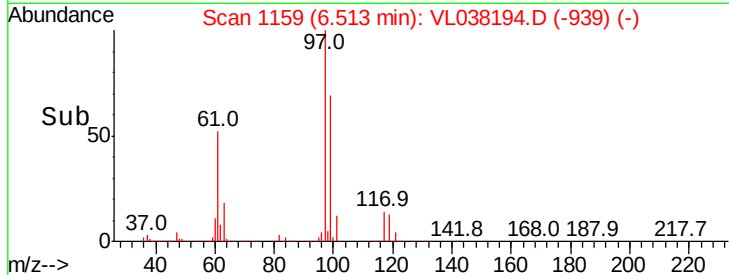
150000

100000

50000

0

Time-->



#38

Trichloroethene

Concen: 0.142 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion:130 Resp: 12840

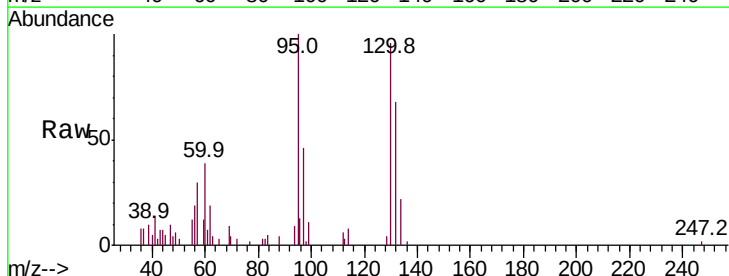
Ion Ratio Lower Upper

130 100

95 95.0 89.4 134.2

132 70.6 78.2 117.2#

97 45.0 57.0 85.4#



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

12000 7.84

10000

8000

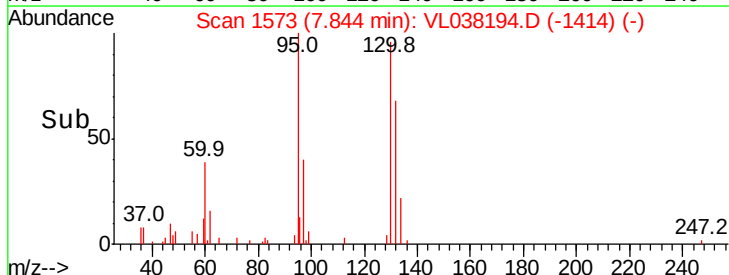
6000

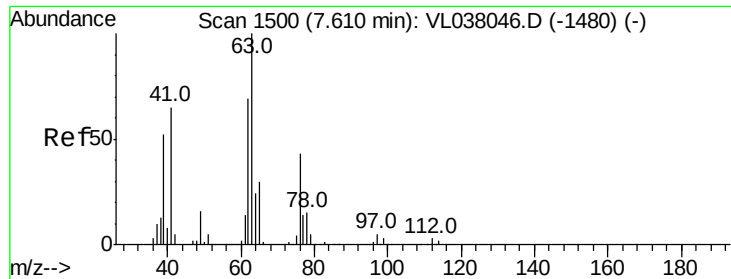
4000

2000

0

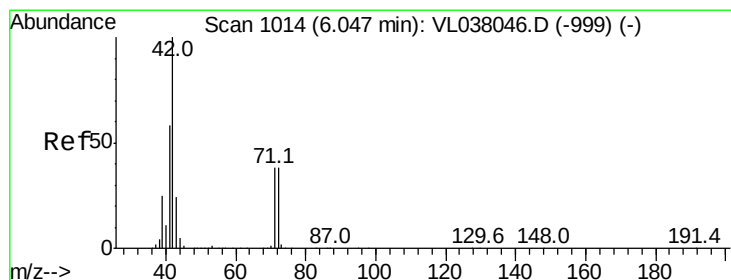
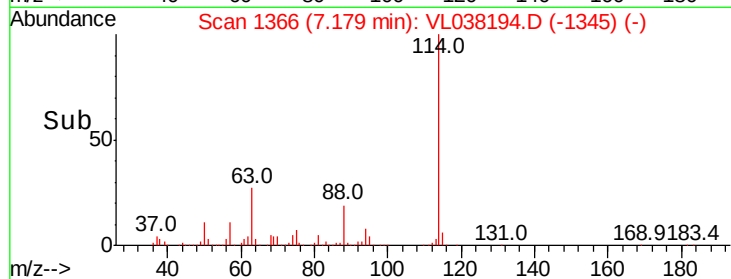
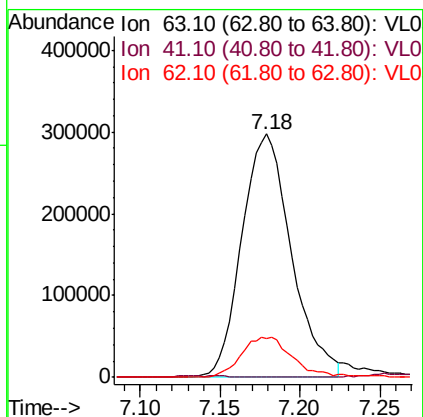
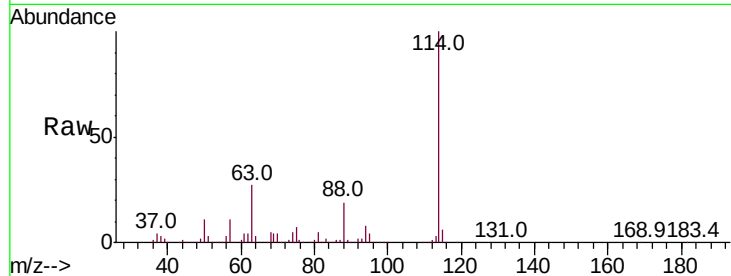
Time-->





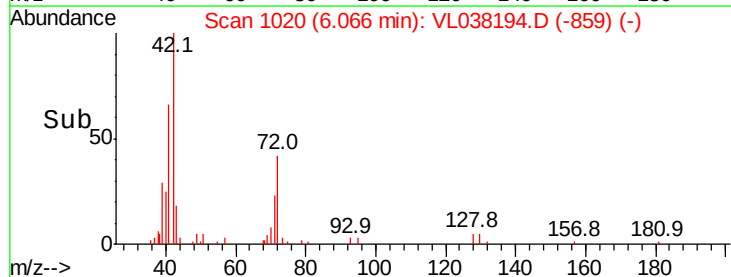
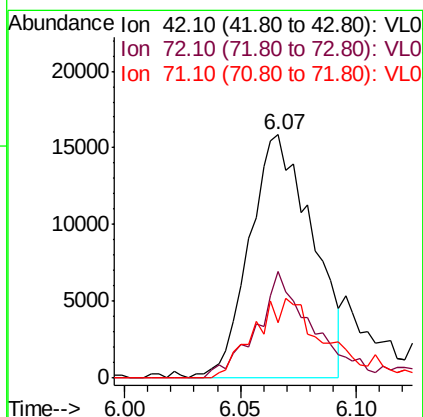
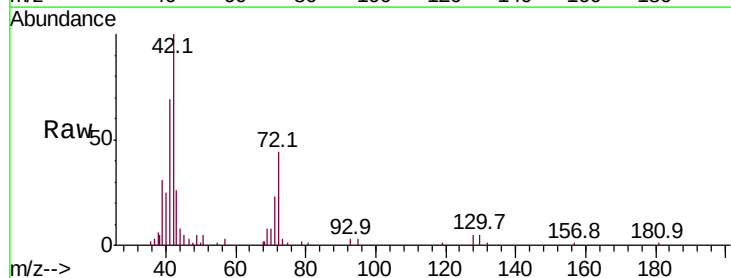
#39
 1,2-Dichloropropane
 Concen: 6.893 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Dec 2021 18:11

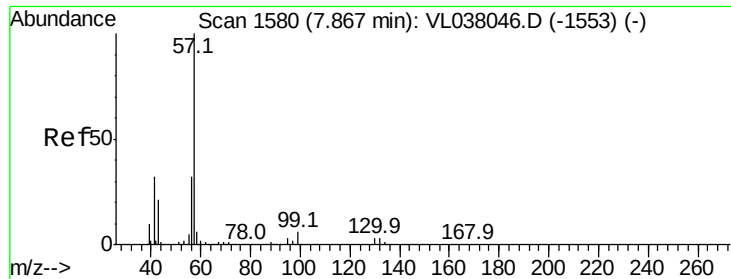
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.3	78.5#
62	15.7	55.1	82.7#



#41
 Tetrahydrofuran
 Concen: 0.496 ppbv
 RT: 6.07 min Scan# 1020
 Delta R.T.: 0.02 min
 Lab File: VL038194.D
 Acq: 16 Dec 2021 18:11

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	31.7	47.5
71	40.4	30.6	46.0





#44

2,2,4-Trimethylpentane

Concen: 0.034 ppbv

RT: 7.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:11

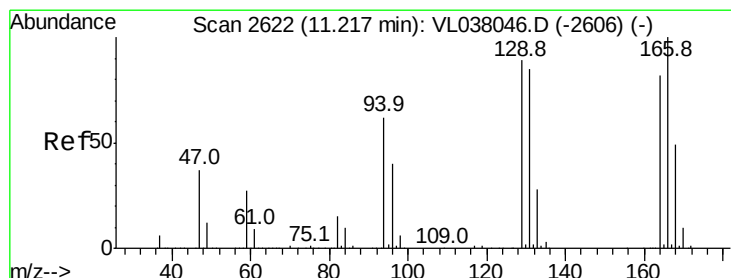
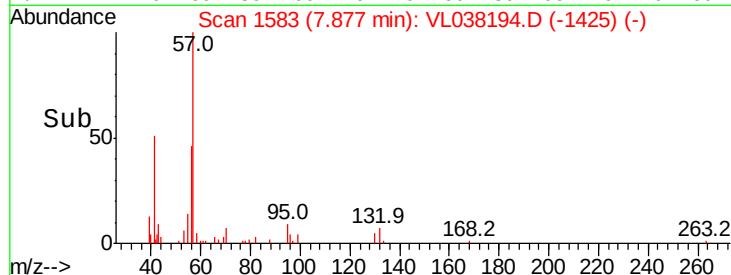
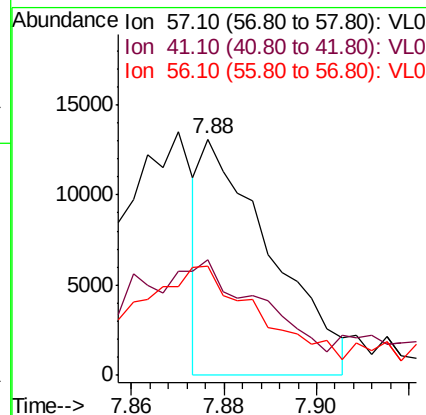
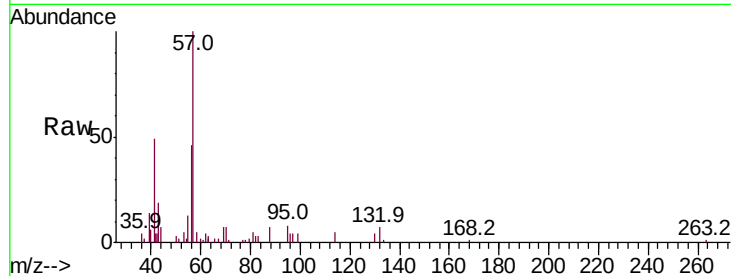
Tot Ion: 57 Resp: 13644

Ion Ratio Lower Upper

57 100

41 138.9 25.8 38.6#

56 115.7 25.6 38.4#



#52

Tetrachloroethene

Concen: 0.337 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

Tgt Ion:164 Resp: 29878

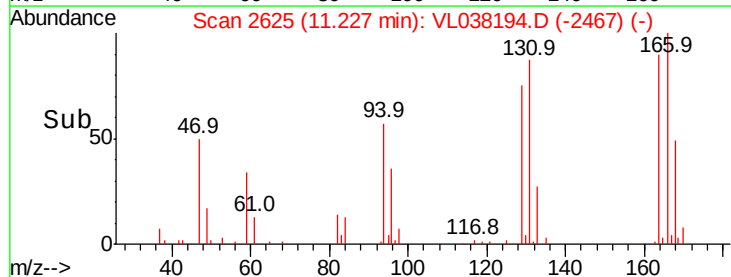
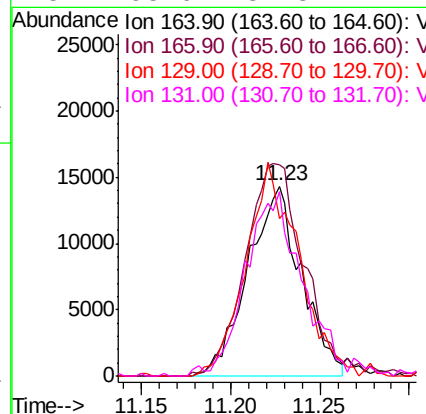
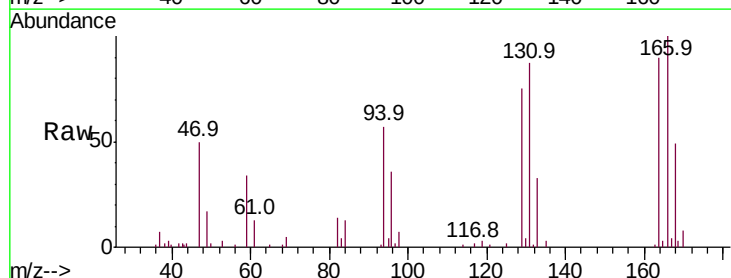
Ion Ratio Lower Upper

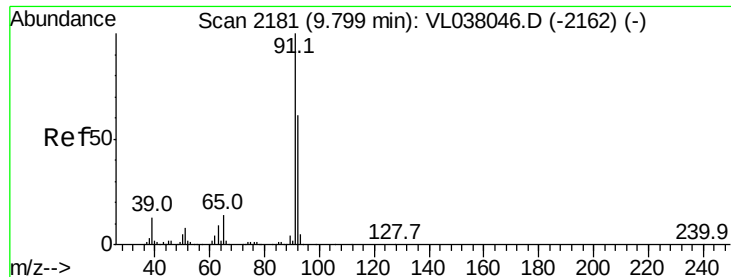
164 100

166 109.6 97.2 145.8

129 87.7 86.9 130.3

131 93.6 82.8 124.2





#53

Toluene

Concen: 0.322 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

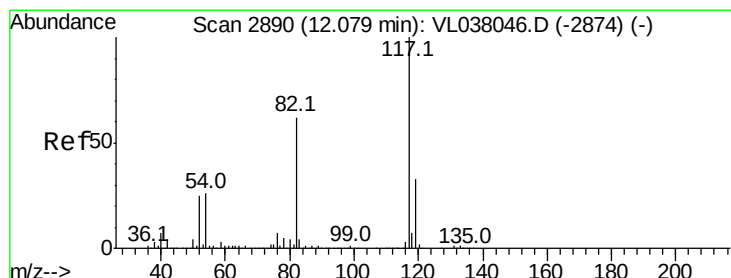
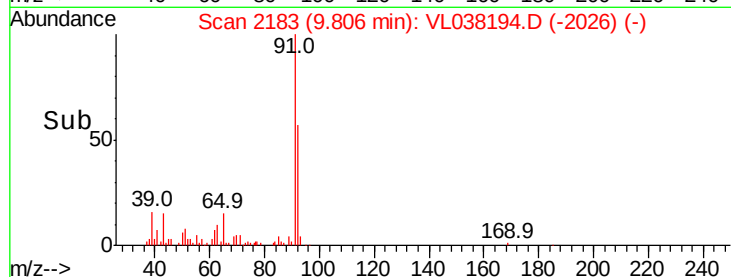
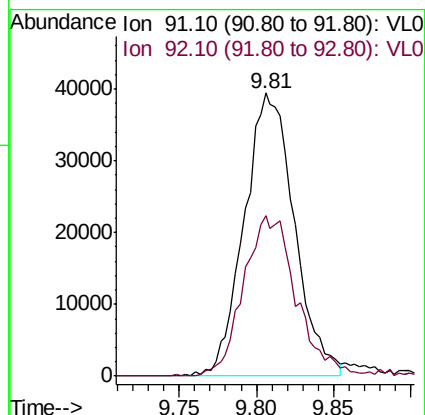
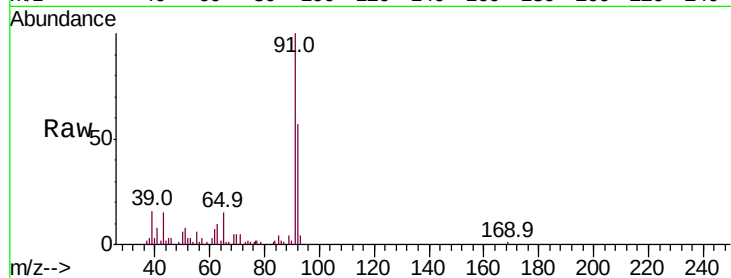
Acq: 16 Dec 2021 18:11

Tot Ion: 91 Resp: 88802

Ion Ratio Lower Upper

91 100

92 59.6 49.7 74.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.01 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

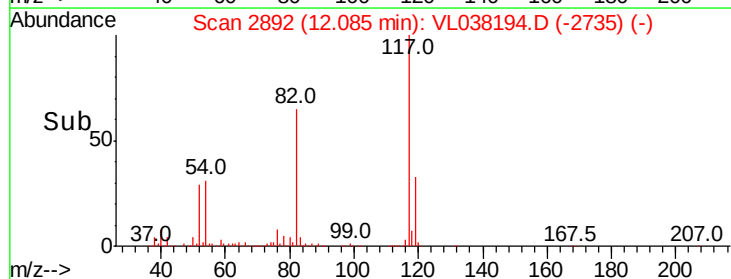
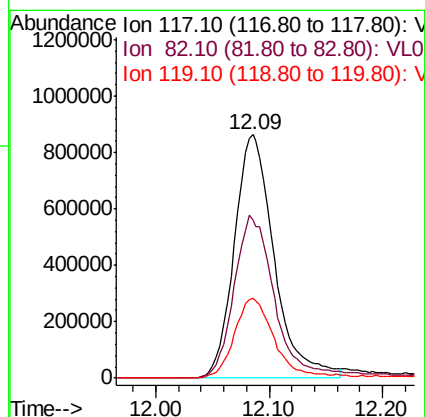
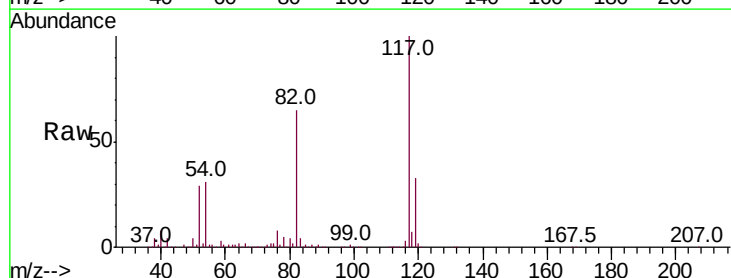
Tgt Ion: 117 Resp: 2120864

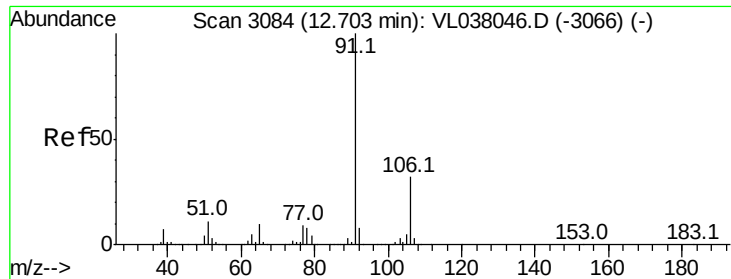
Ion Ratio Lower Upper

117 100

82 72.7 52.8 79.2

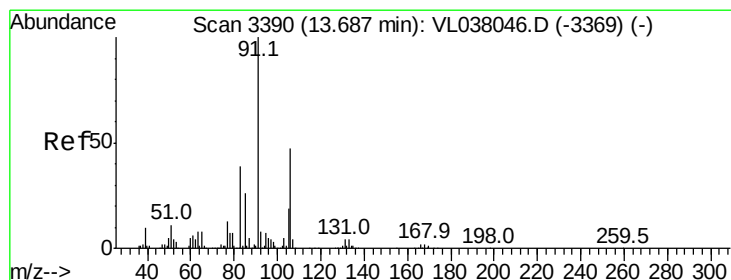
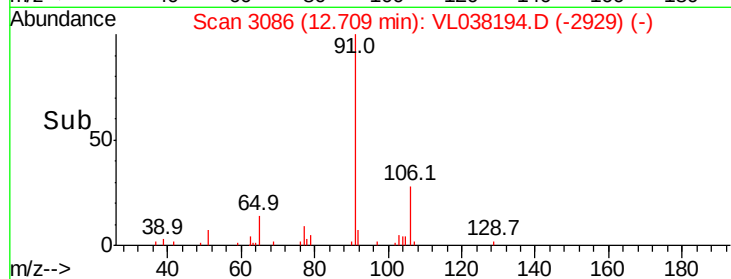
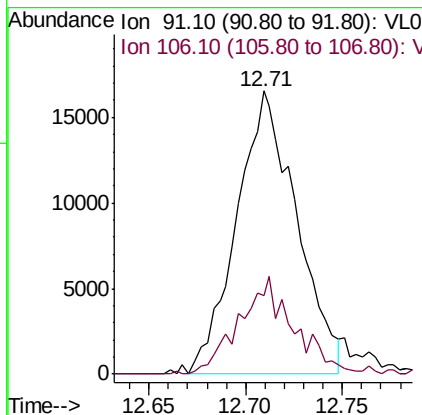
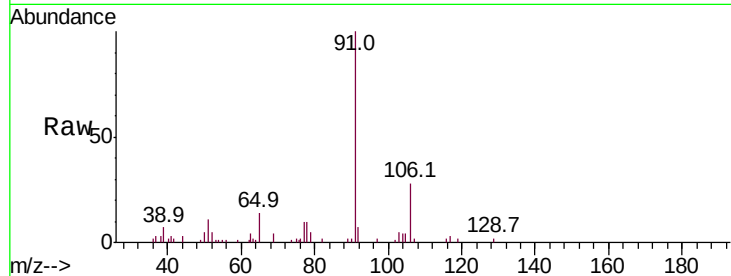
119 34.5 26.8 40.2





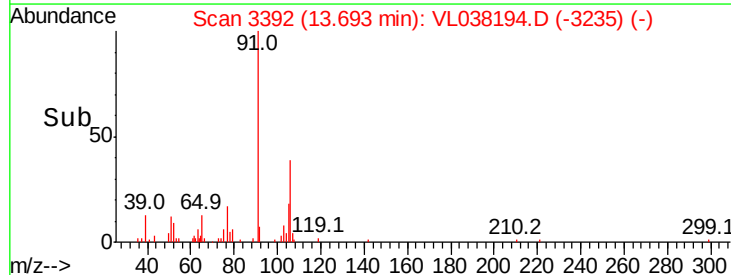
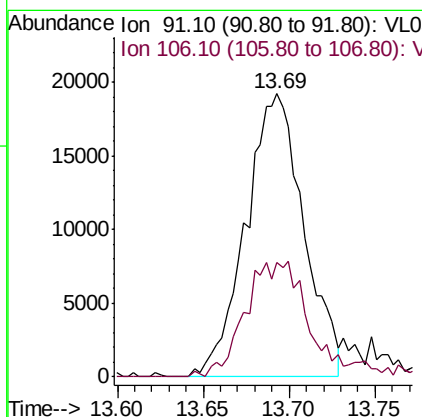
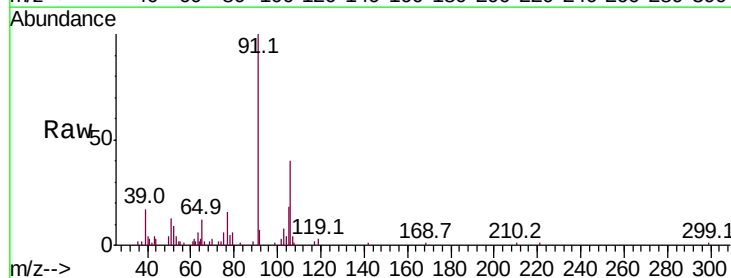
#58
Ethyl Benzene
Concen: 0.102 ppbv
RT: 12.71 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Dec 2021 18:11

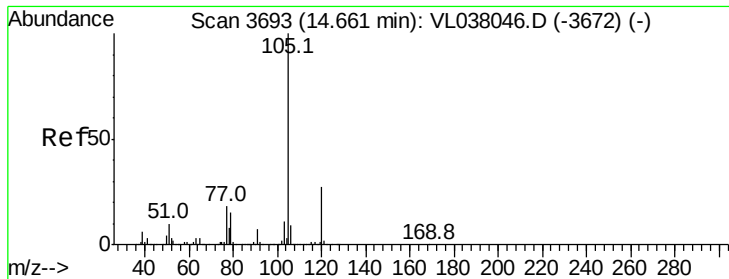
Tot Ion: 91 Resp: 35802
Ion Ratio Lower Upper
91 100
106 28.3 25.8 38.6



#60
o-Xylene
Concen: 0.165 ppbv
RT: 13.69 min Scan# 3392
Delta R.T.: 0.01 min
Lab File: VL038194.D
Acq: 16 Dec 2021 18:11

Tgt Ion: 91 Resp: 45114
Ion Ratio Lower Upper
91 100
106 47.1 24.2 72.6





#62

Isopropylbenzene

Concen: 0.036 ppbv

RT: 14.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

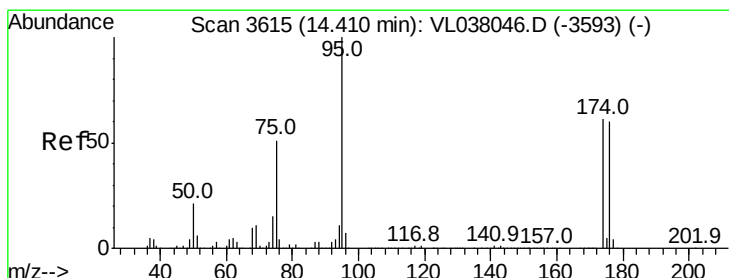
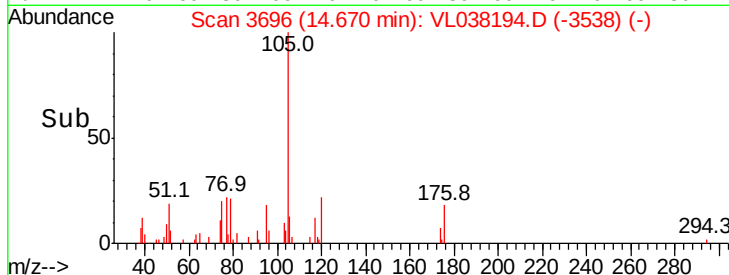
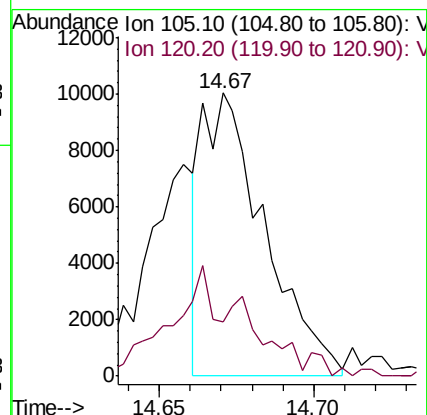
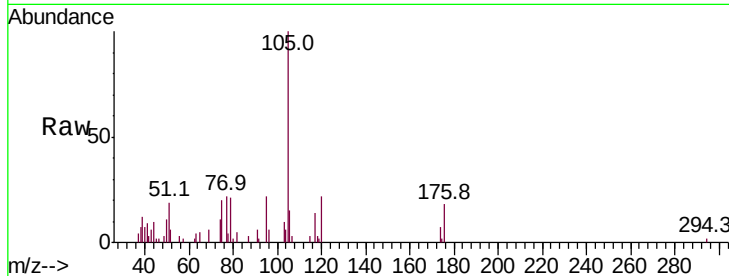
Acq: 16 Dec 2021 18:11

Tot Ion: 105 Resp: 14044

Ion Ratio Lower Upper

105 100

120 48.7 21.8 32.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.423 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038194.D

Acq: 16 Dec 2021 18:11

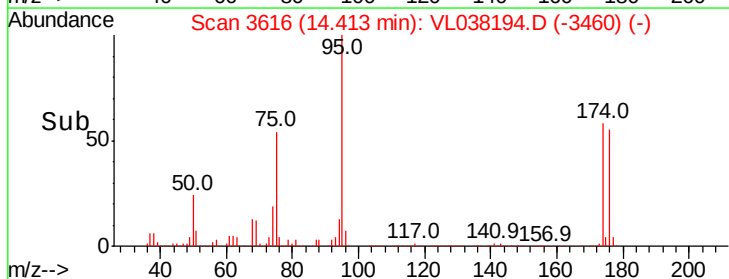
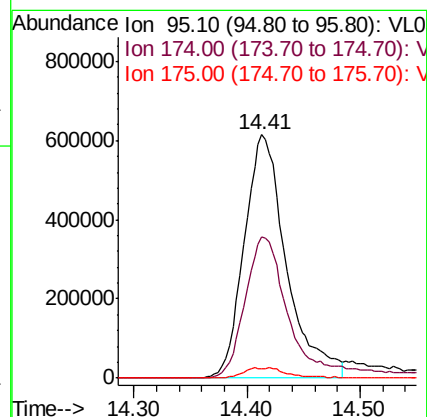
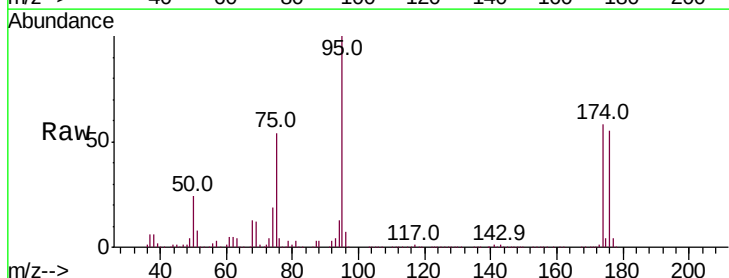
Tgt Ion: 95 Resp: 1594496

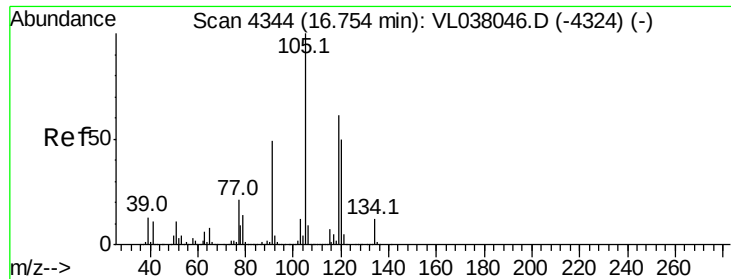
Ion Ratio Lower Upper

95 100

174 64.4 53.1 79.7

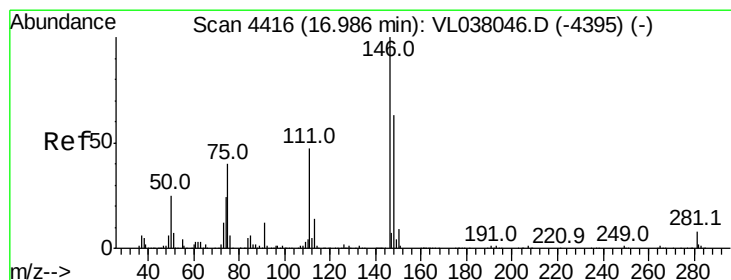
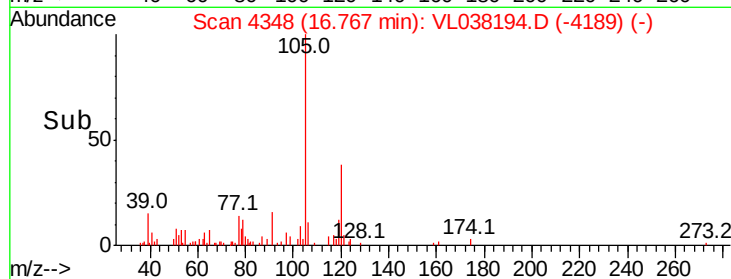
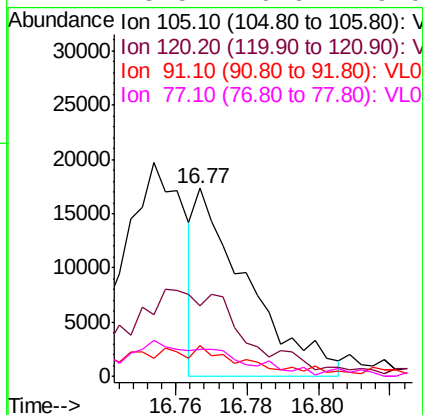
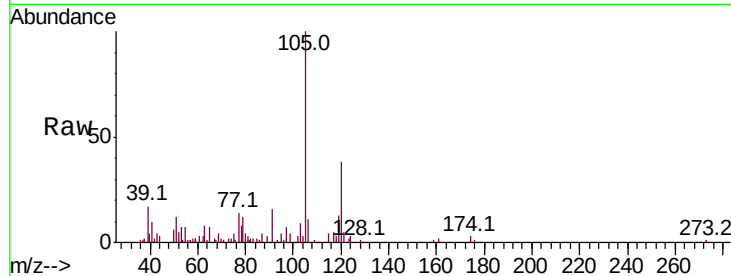
175 4.6 4.0 6.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.059 ppbv
 RT: 16.77 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Dec 2021 18:11

Tot Ion:	105	Resp:	17630
Ion Ratio	Lower	Upper	
105	100		
120	35.5	40.1	60.1#
91	14.8	39.8	59.8#
77	8.5	16.6	25.0#



#75
 1,3-Dichlorobenzene
 Concen: 0.132 ppbv
 RT: 17.00 min Scan# 4421
 Delta R.T. 0.02 min
 Lab File: VL038194.D
 Acq: 16 Dec 2021 18:11

Tgt Ion:	146	Resp:	21664
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.5	70.6#
148	160.8	32.1	96.3#

