

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038139.D
 Acq On : 29 Nov 2021 17:36
 Operator : SY/AP
 Sample : M4827-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Quant Time: Nov 30 05:16:31 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

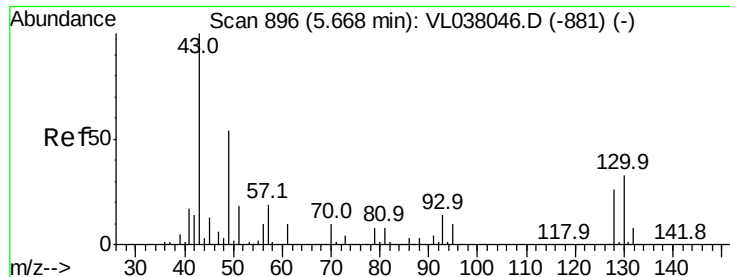
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	935697	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2563392	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2169083	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1740768	11.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	31182	0.202	ppbv 95
3) Chlorodifluoromethane	3.01	51	62003	0.316	ppbv # 92
4) Chloromethane	3.15	50	30502	0.456	ppbv 100
7) Chloroethane	3.57	64	13900	0.597	ppbv 88
9) Propene	3.21	41	225148	3.111	ppbv 99
10) Heptane	8.12	43	23536	0.132	ppbv # 54
11) Trichlorofluoromethane	3.96	101	27136	0.185	ppbv # 83
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5242	0.050	ppbv # 75
13) Ethanol	3.61	45	629221	89.973	ppbv 92
15) Acetone	3.86	43	394687	4.865	ppbv 95
16) 1,3-Butadiene	3.34	39	18693	0.295	ppbv # 71
19) Isopropyl Alcohol	3.98	45	216030	3.685	ppbv # 96
20) Methylene Chloride	4.35	84	980387	21.575	ppbv 99
23) Vinyl Acetate	5.07	43	6156	0.052	ppbv # 42
25) Ethyl Acetate	5.69	43	366182	1.358	ppbv # 78
26) Hexane	5.69	57	514773	3.961	ppbv # 45
29) Chloroform	5.75	83	284700	1.486	ppbv 97
31) cis-1,2-Dichloroethene	5.55	61	15163	0.123	ppbv 94
34) 2-Butanone	5.26	43	20065	0.194	ppbv # 87
35) Carbon Tetrachloride	7.02	117	5855	0.033	ppbv # 89
36) Benzene	6.89	78	2892206	11.311	ppbv 99
38) Trichloroethene	7.84	130	14938	0.155	ppbv # 76
39) 1,2-Dichloropropane	7.23	63	11932	0.122	ppbv # 37
41) Tetrahydrofuran	6.32	42	6674	0.104	ppbv # 36
42) Bromodichloromethane	7.79	83	11706	0.062	ppbv # 91
44) 2,2,4-Trimethylpentane	7.87	57	18995	0.044	ppbv # 43
52) Tetrachloroethene	11.30	164	32446212	342.933	ppbv 87
53) Toluene	9.81	91	118330	0.402	ppbv 99
58) Ethyl Benzene	12.98	91	37944	0.106	ppbv 96
59) m/p-Xylene	13.00	91	26000	0.086	ppbv # 29
60) o-Xylene	13.69	91	62002	0.221	ppbv 99
72) 4-Ethyltoluene	15.85	105	16315	0.050	ppbv # 16
73) 1,3,5-Trimethylbenzene	16.00	105	41812	0.141	ppbv # 84
74) 1,2,4-Trimethylbenzene	16.76	105	121901	0.399	ppbv # 64
79) Naphthalene	22.19	128	231508	1.439	ppbv 98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

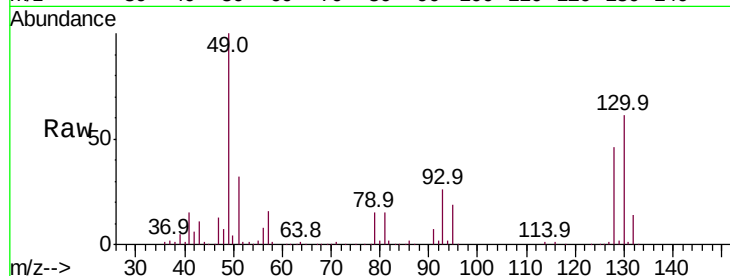
Tot Ion: 49 Resp: 935697

Ion Ratio Lower Upper

49 100

128 47.3 26.5 79.5

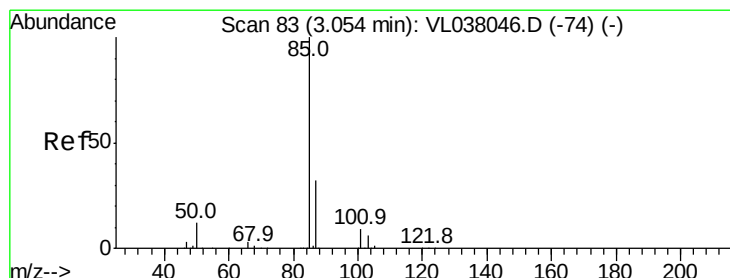
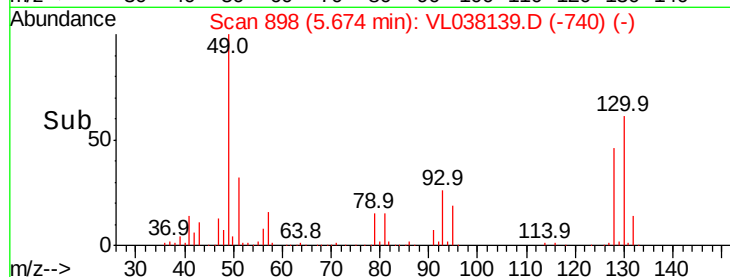
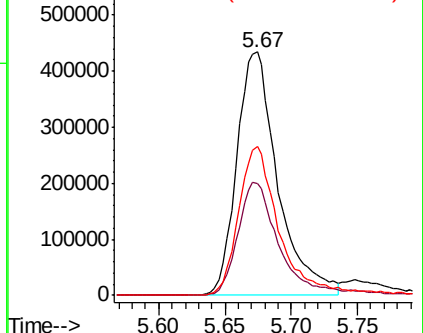
130 62.0 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.202 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038139.D

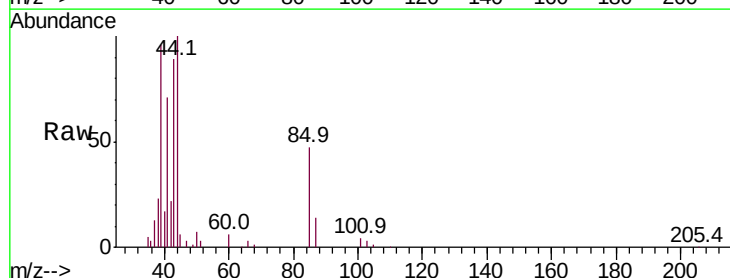
Acq: 29 Nov 2021 17:36

Tgt Ion: 85 Resp: 31182

Ion Ratio Lower Upper

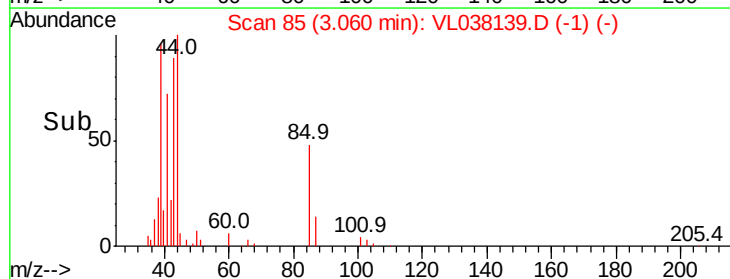
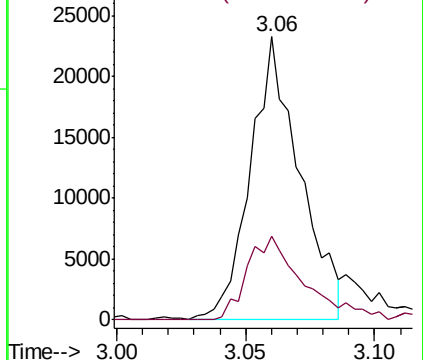
85 100

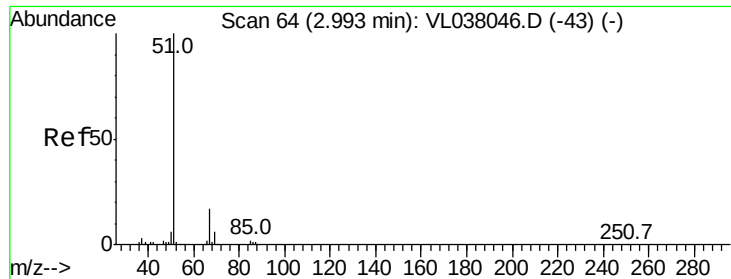
87 29.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.316 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

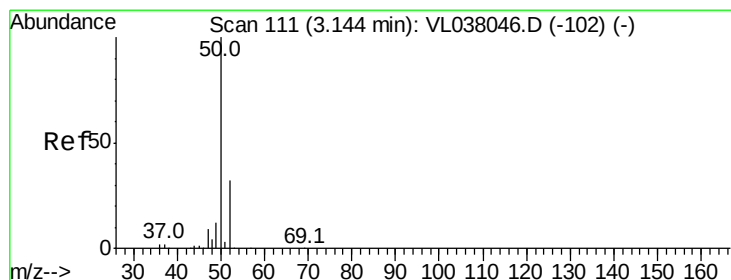
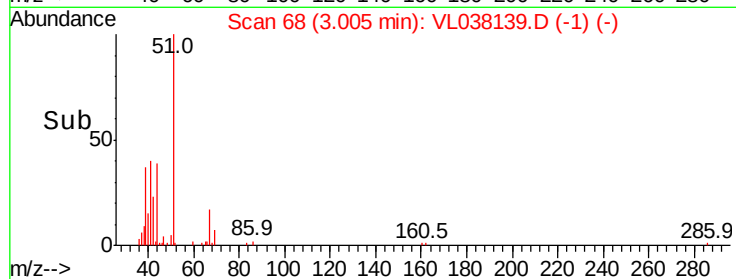
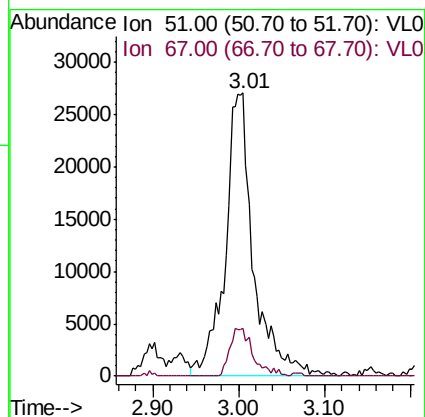
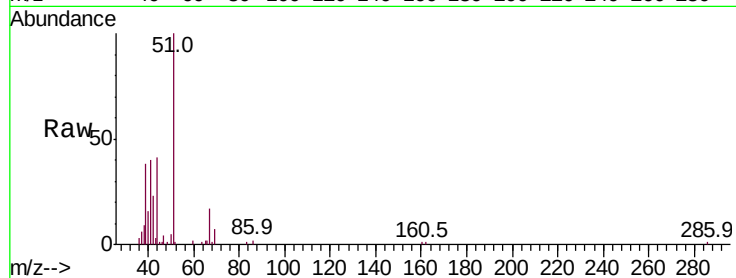
Acq: 29 Nov 2021 17:30

Tot Ion: 51 Resp: 62003

Ion Ratio Lower Upper

51 100

67 13.8 13.8 20.8#



#4

Chloromethane

Concen: 0.456 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038139.D

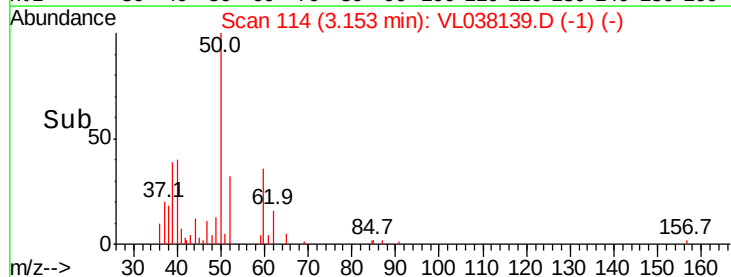
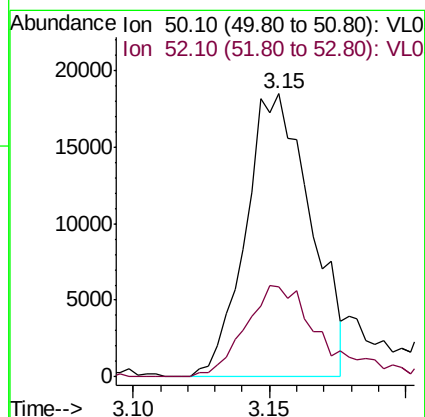
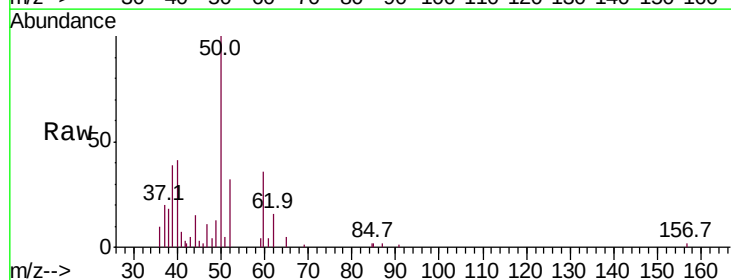
Acq: 29 Nov 2021 17:36

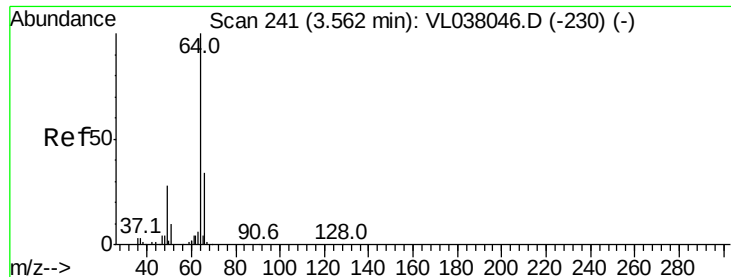
Tgt Ion: 50 Resp: 30502

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.0





#7

Chloroethane

Concen: 0.597 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

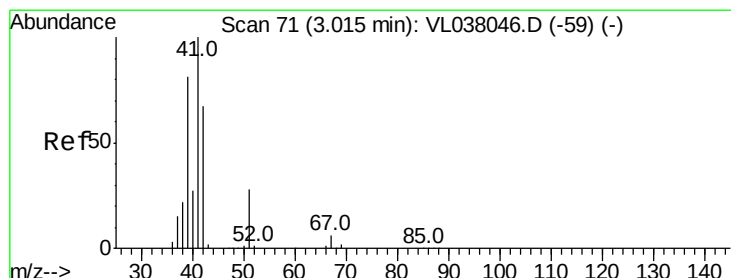
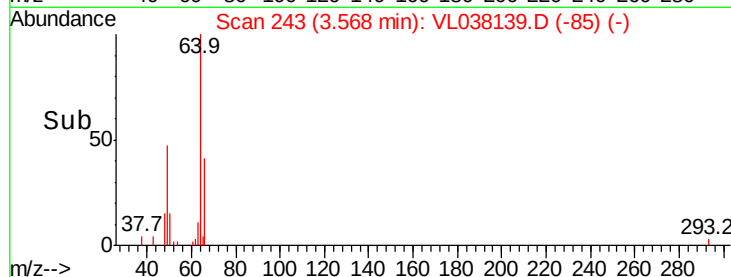
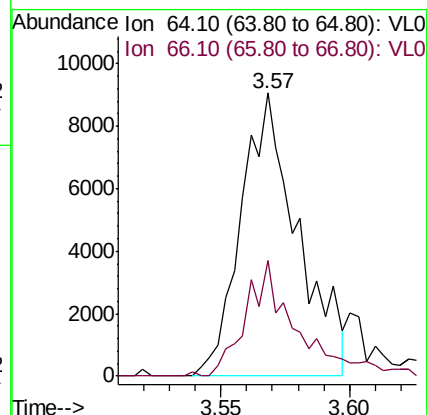
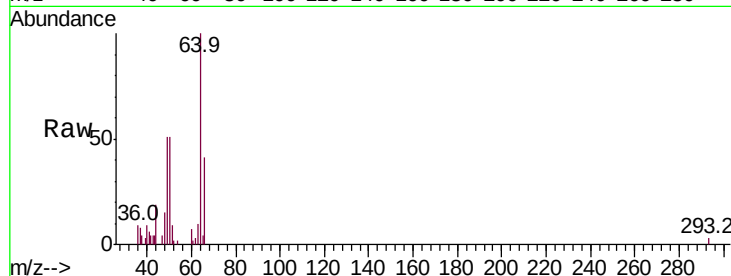
Acq: 29 Nov 2021 17:30

Tot Ion: 64 Resp: 13900

Ion Ratio Lower Upper

64 100

66 40.7 27.2 40.8



#9

Propene

Concen: 3.111 ppbv

RT: 3.21 min Scan# 133

Delta R.T. 0.20 min

Lab File: VL038139.D

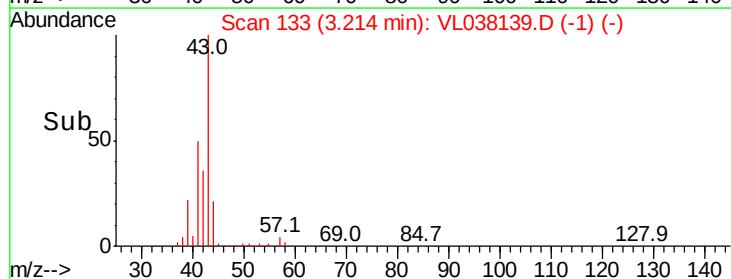
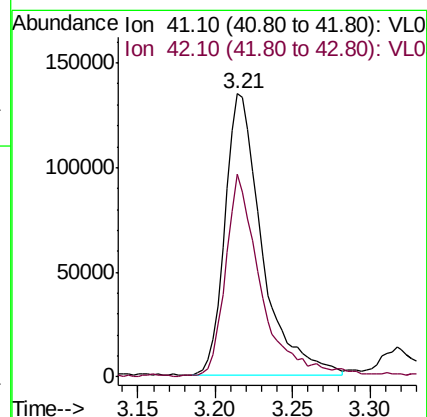
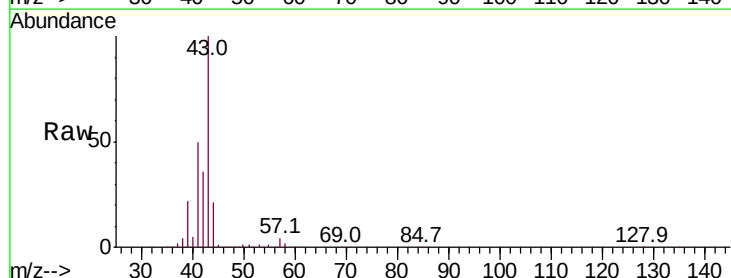
Acq: 29 Nov 2021 17:36

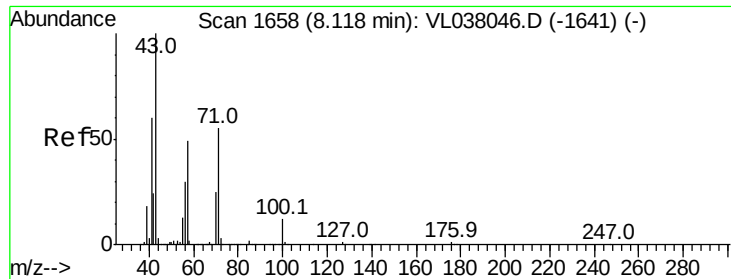
Tgt Ion: 41 Resp: 225148

Ion Ratio Lower Upper

41 100

42 68.3 53.8 80.8





#10

Heptane

Concen: 0.132 ppbv

RT: 8.12 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

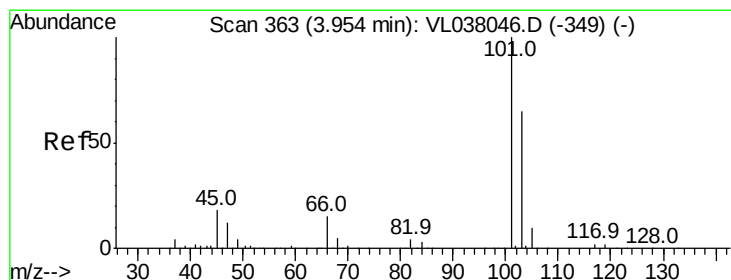
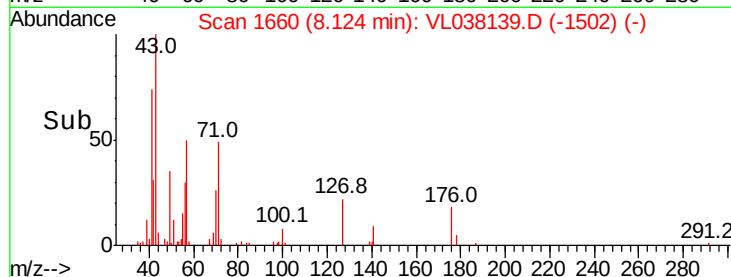
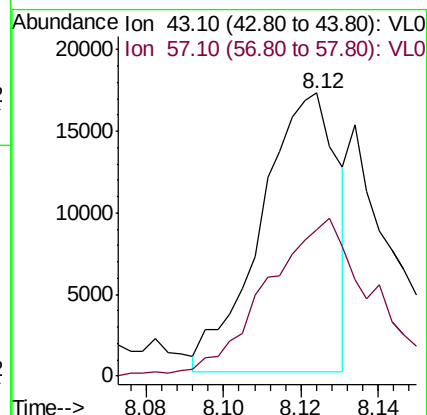
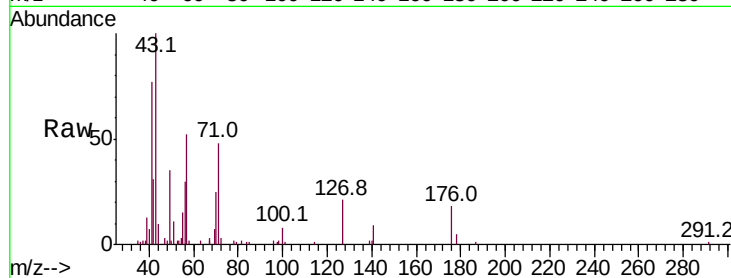
Acq: 29 Nov 2021 17:30

Tot Ion: 43 Resp: 23536

Ion Ratio Lower Upper

43 100

57 82.1 40.4 60.6#



#11

Trichlorofluoromethane

Concen: 0.185 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VL038139.D

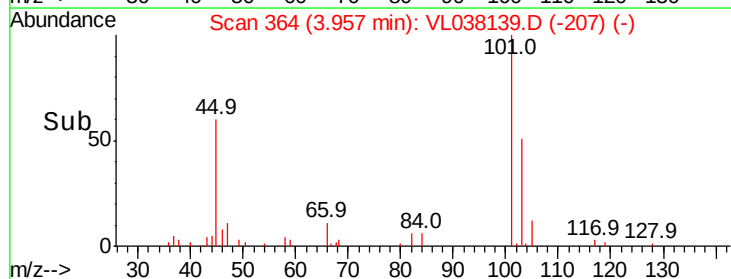
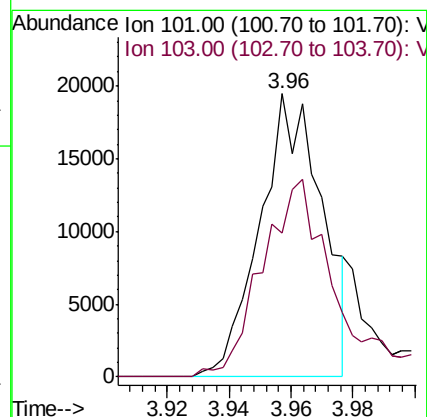
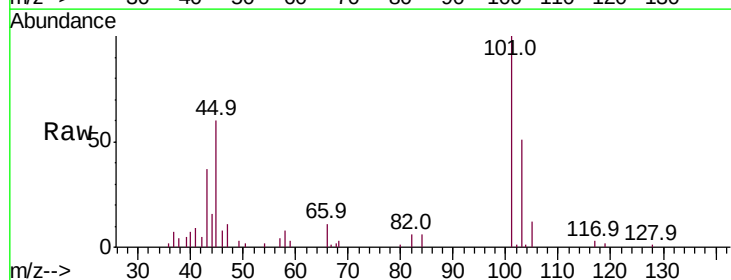
Acq: 29 Nov 2021 17:36

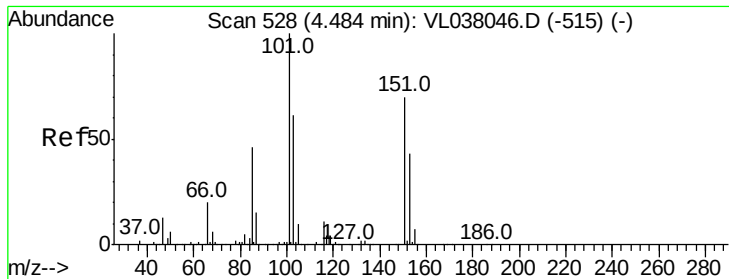
Tgt Ion:101 Resp: 27136

Ion Ratio Lower Upper

101 100

103 51.0 51.8 77.6#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.050 ppbv

RT: 4.49 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

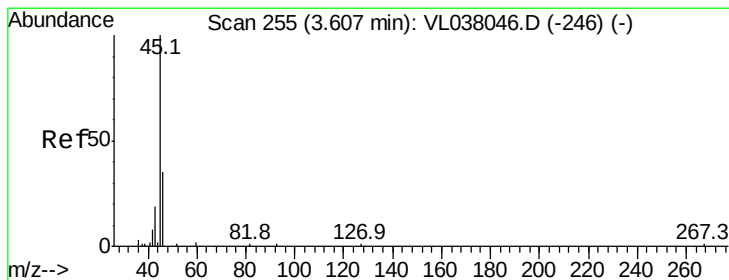
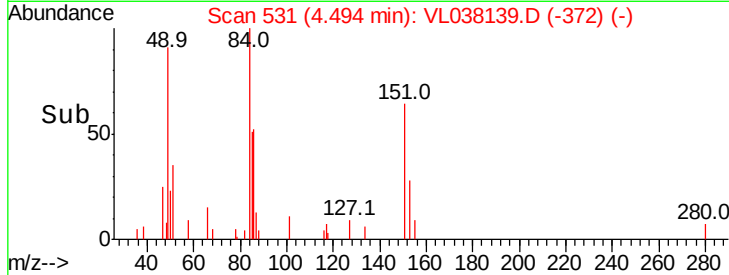
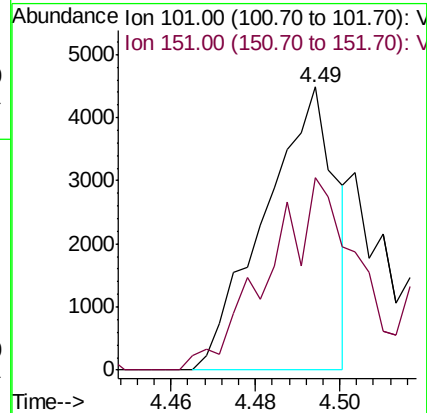
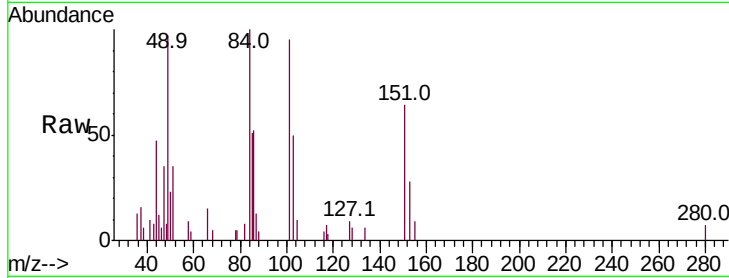
Acq: 29 Nov 2021 17:30

Tot Ion:101 Resp: 5242

Ion Ratio Lower Upper

101 100

151 95.0 59.0 88.4#



#13

Ethanol

Concen: 89.973 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL038139.D

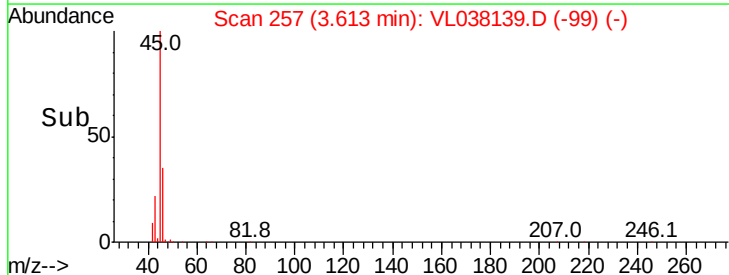
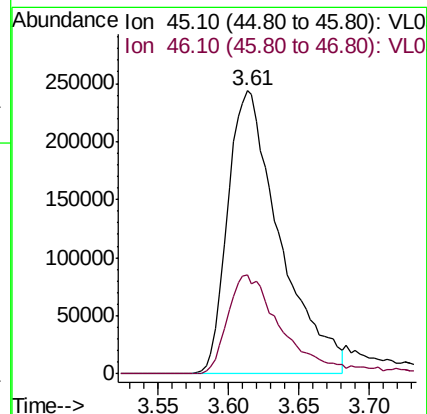
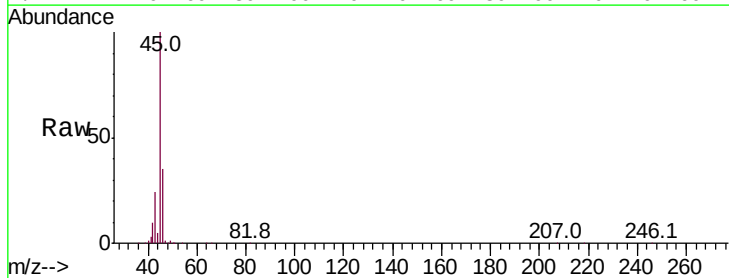
Acq: 29 Nov 2021 17:36

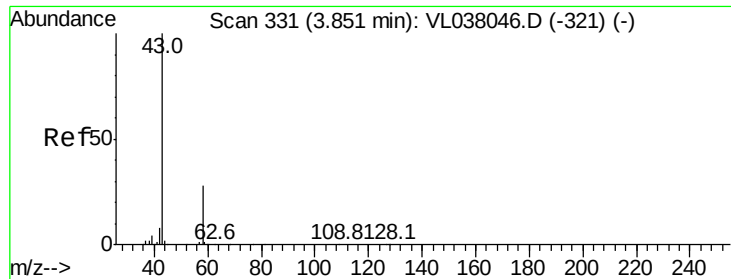
Tgt Ion: 45 Resp: 629221

Ion Ratio Lower Upper

45 100

46 39.0 17.6 70.2





#15

Acetone

Concen: 4.865 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

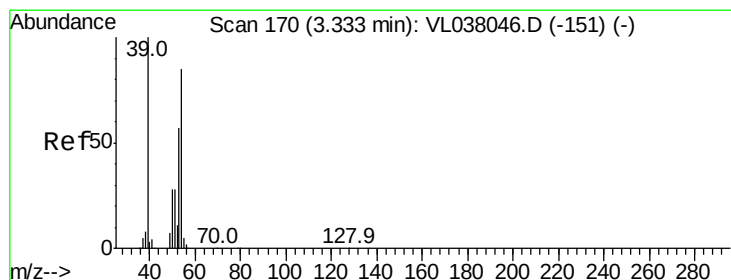
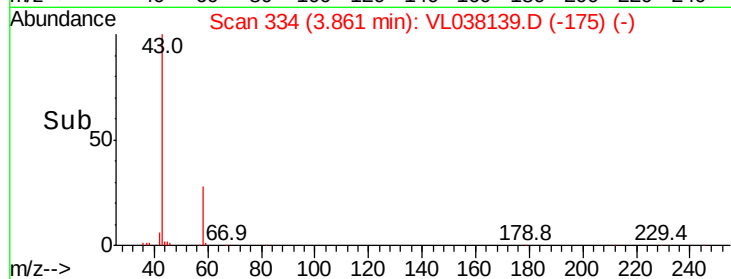
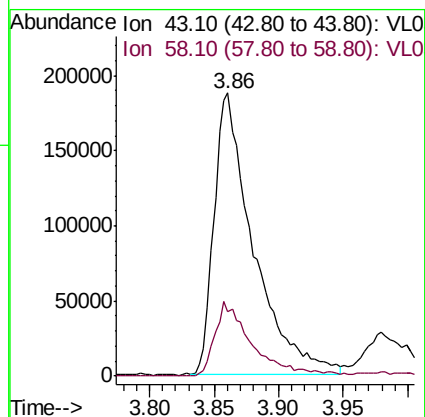
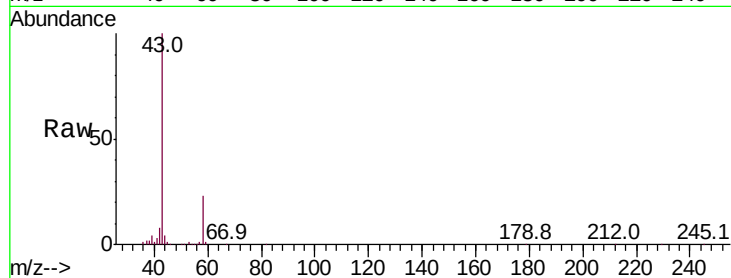
Acq: 29 Nov 2021 17:30

Tot Ion: 43 Resp: 394687

Ion Ratio Lower Upper

43 100

58 25.4 22.4 33.6



#16

1,3-Butadiene

Concen: 0.295 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL038139.D

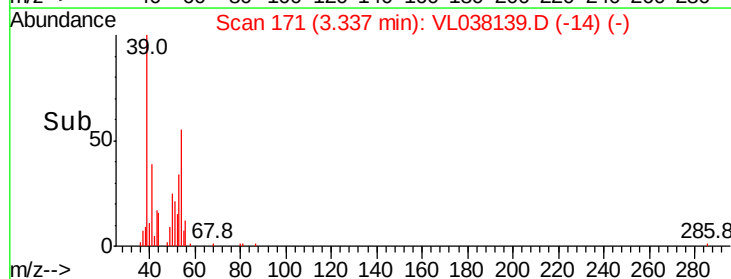
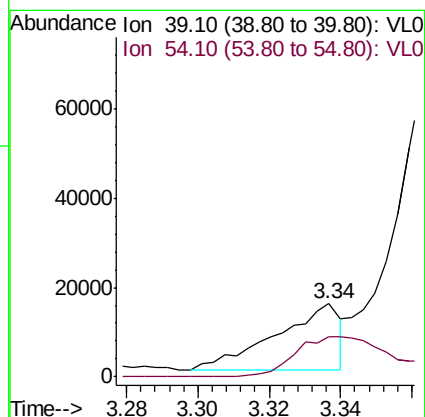
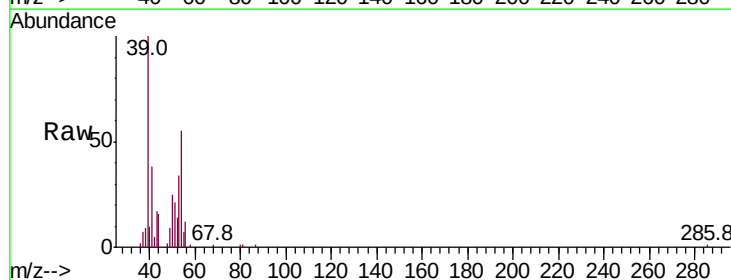
Acq: 29 Nov 2021 17:36

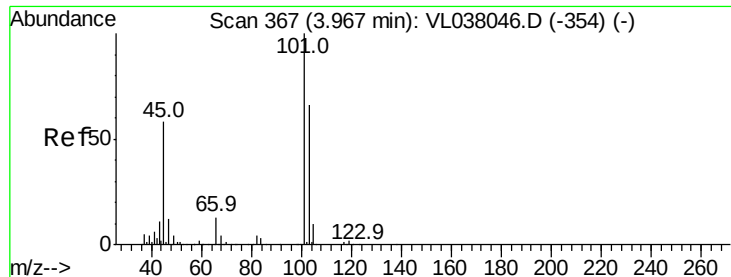
Tgt Ion: 39 Resp: 18693

Ion Ratio Lower Upper

39 100

54 106.1 64.4 96.6#





#19

Isopropyl Alcohol

Concen: 3.685 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

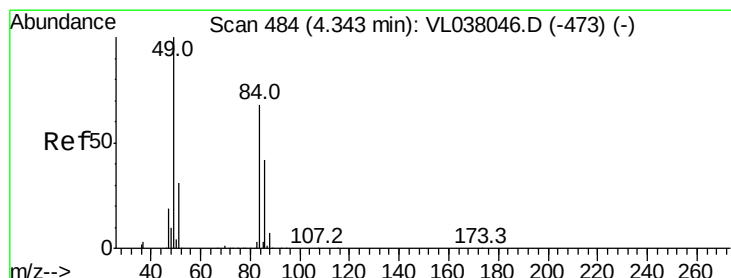
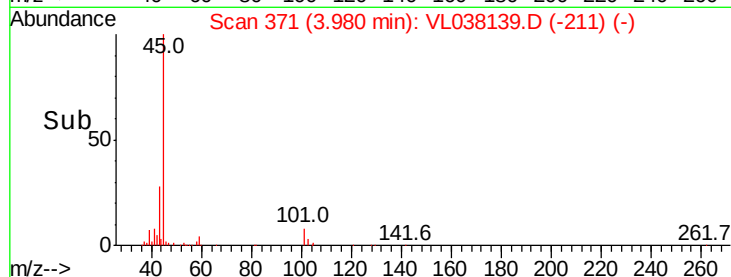
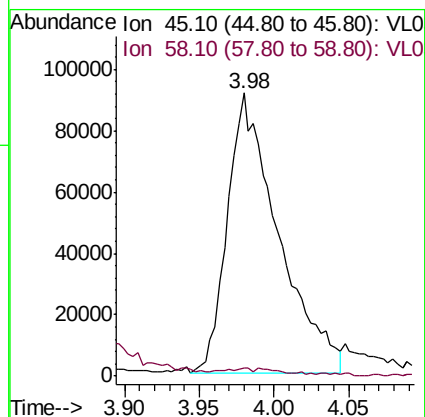
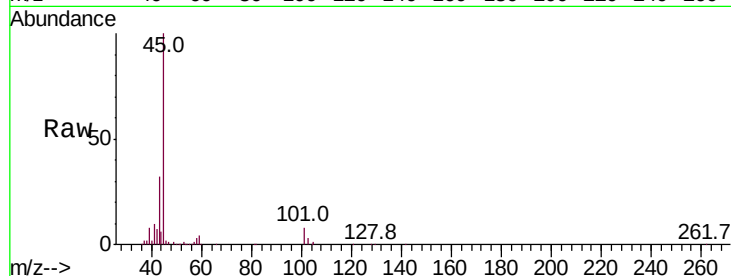
Acq: 29 Nov 2021 17:30

Tot Ion: 45 Resp: 216030

Ion Ratio Lower Upper

45 100

58 3.3 1.4 2.0#



#20

Methylene Chloride

Concen: 21.575 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion: 84 Resp: 980387

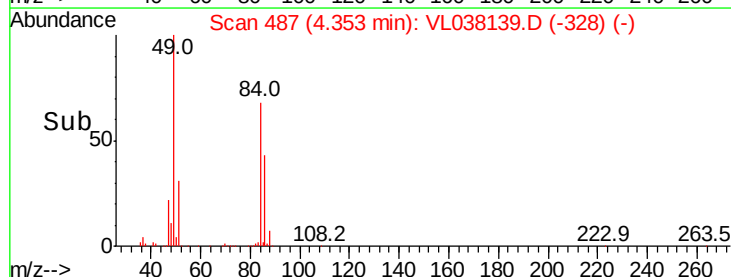
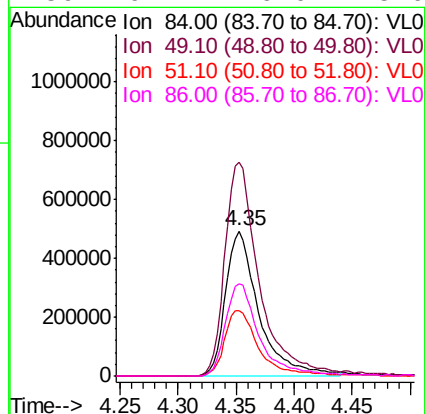
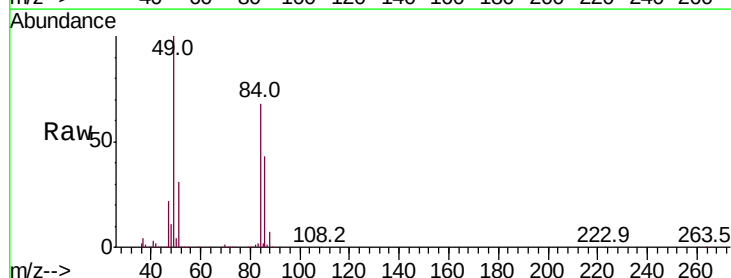
Ion Ratio Lower Upper

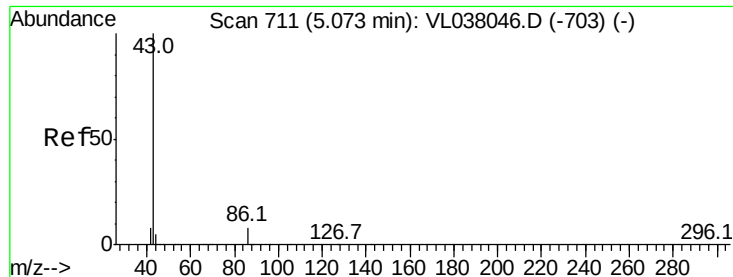
84 100

49 147.6 118.2 177.2

51 45.5 36.8 55.2

86 64.1 49.0 73.6





#23

Vinyl Acetate

Concen: 0.052 ppbv

RT: 5.07 Instrument: MSVOA_1

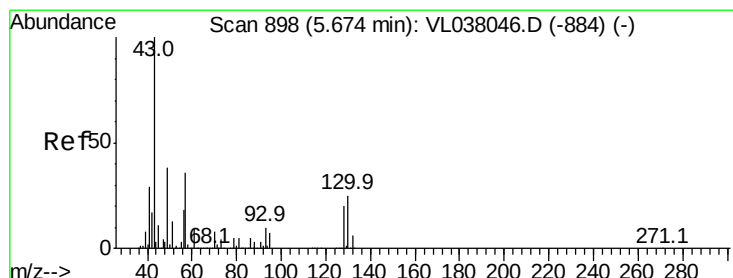
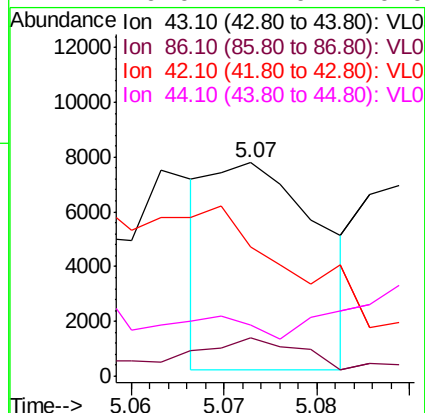
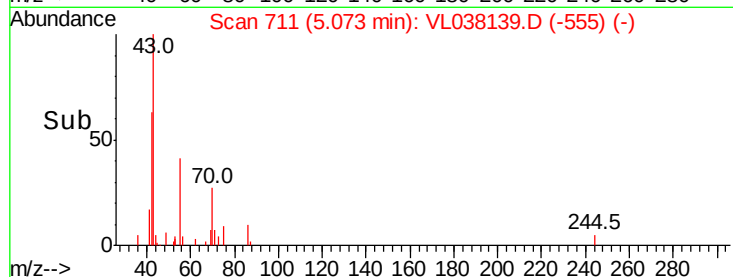
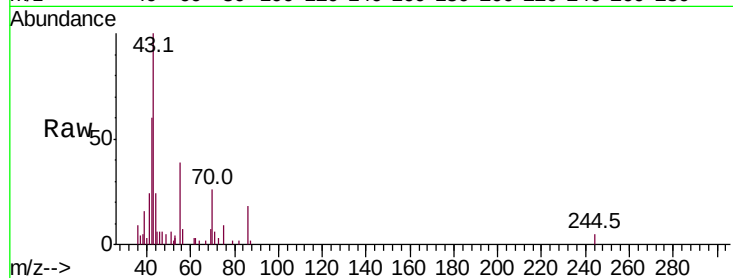
Delta R.T.

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

Tot Ion: 43 Resp: 6156

Ion	Ratio	Lower	Upper
43	100		
86	43.9	5.3	7.9#
42	24.5	7.0	10.6#
44	0.0	4.0	6.0#



#25

Ethyl Acetate

Concen: 1.358 ppbv

RT: 5.69 min Scan# 904

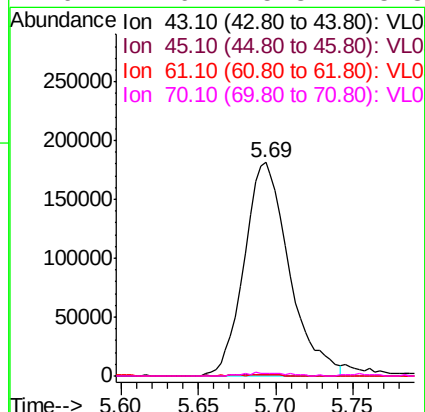
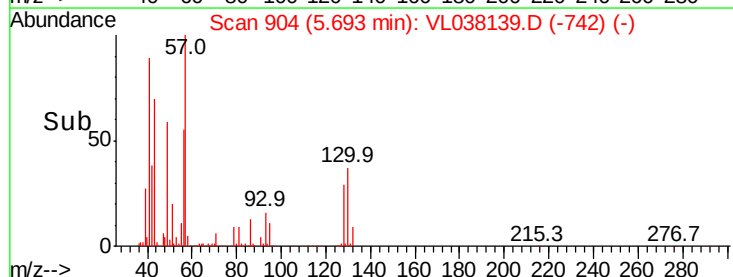
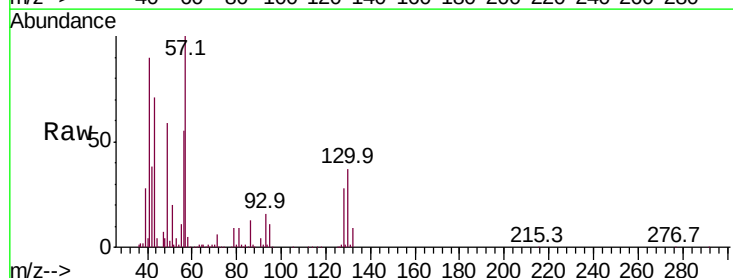
Delta R.T. 0.02 min

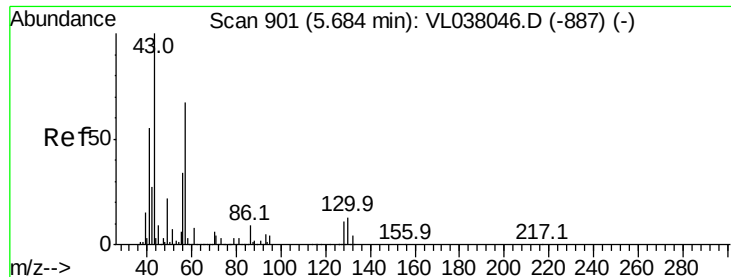
Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion: 43 Resp: 366182

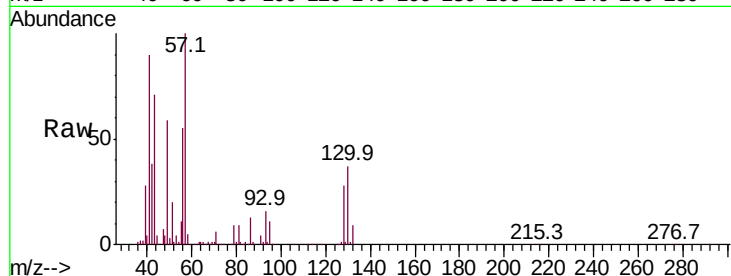
Ion	Ratio	Lower	Upper
43	100		
45	0.9	7.9	11.9#
61	0.7	7.8	11.6#
70	1.6	5.8	8.8#



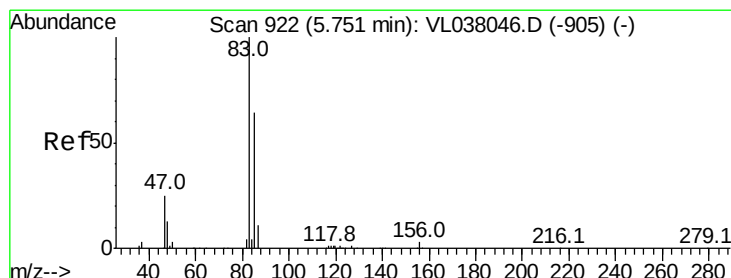
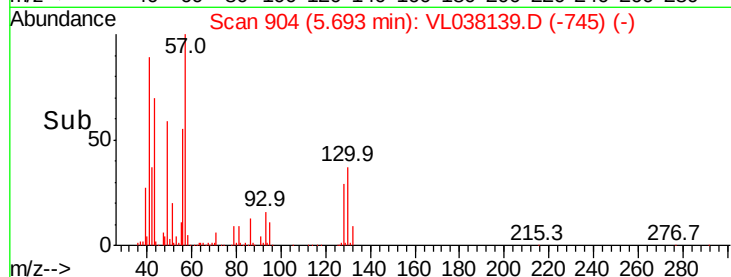
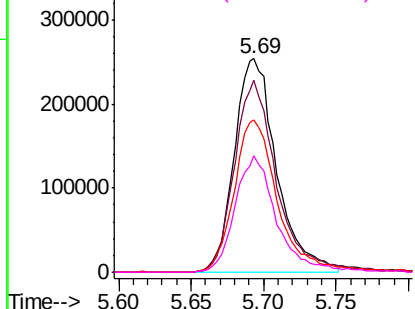


#26
Hexane
Concen: 3.961 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Nov 2021 17:30

Tot Ion: 57 Resp: 514773
Ion Ratio Lower Upper
57 100
41 90.8 71.4 107.2
43 74.5 174.6 261.8#
56 54.4 43.2 64.8

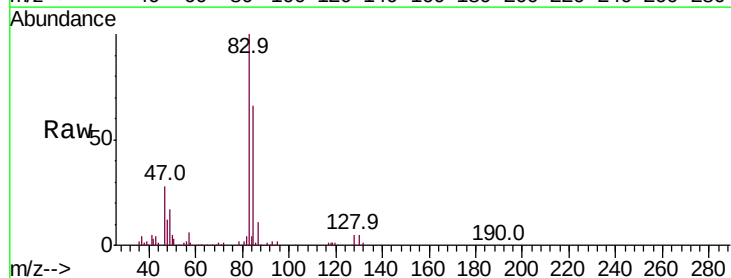


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

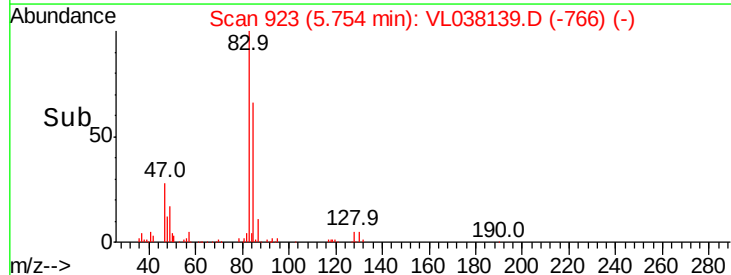
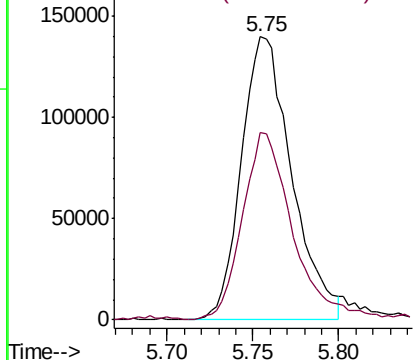


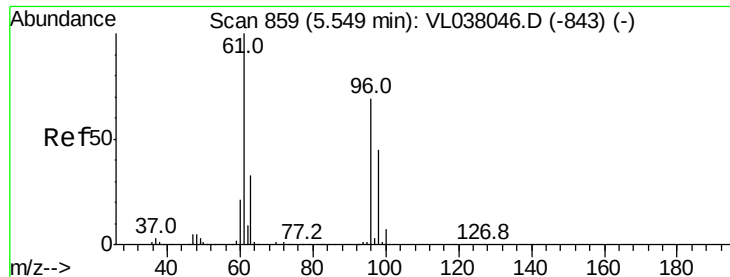
#29
Chloroform
Concen: 1.486 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL038139.D
Acq: 29 Nov 2021 17:36

Tgt Ion: 83 Resp: 284700
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.6



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.123 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

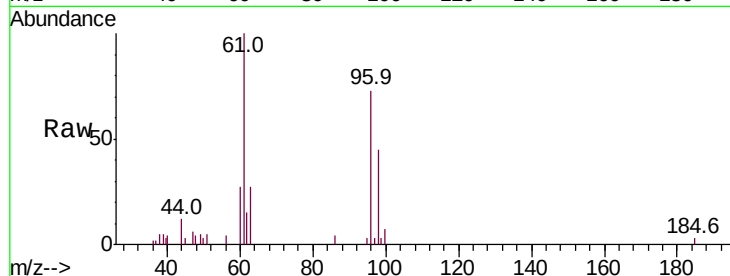
Tot Ion: 61 Resp: 15163

Ion Ratio Lower Upper

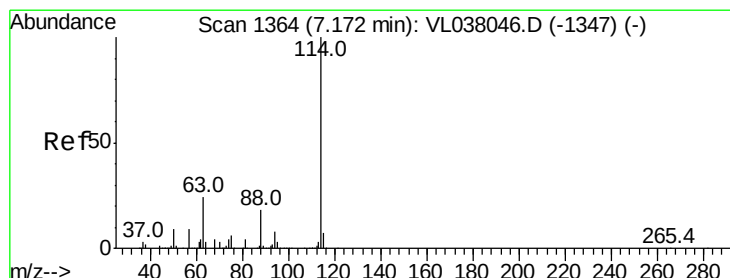
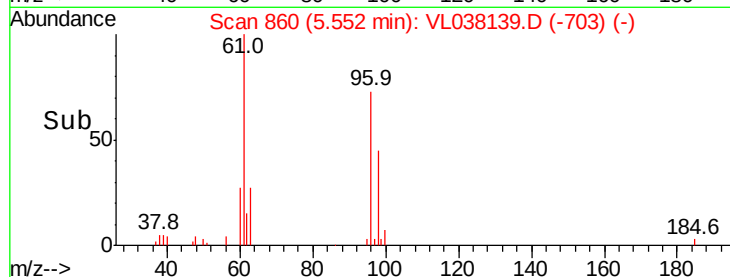
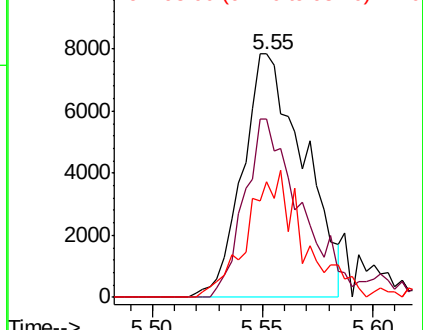
61 100

96 63.5 55.4 83.2

98 41.1 35.7 53.5



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

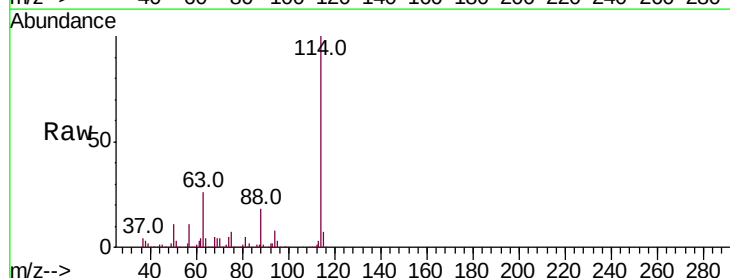
Tgt Ion: 114 Resp: 2563392

Ion Ratio Lower Upper

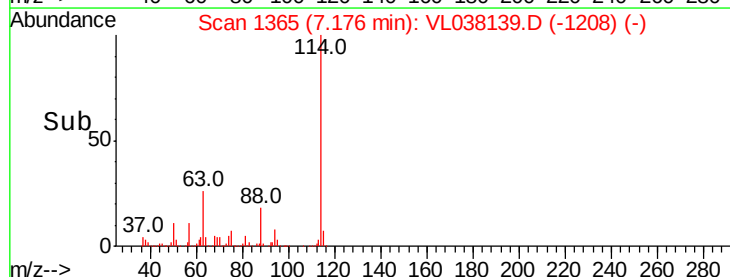
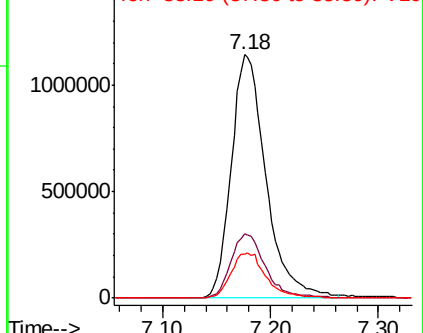
114 100

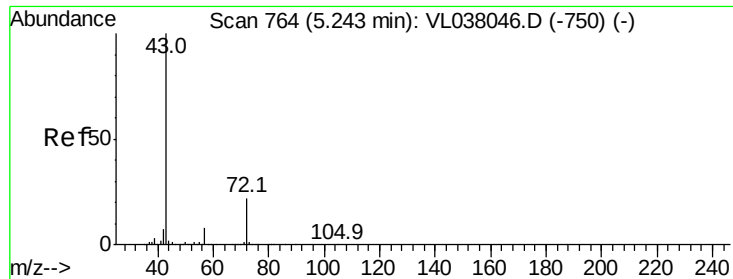
63 26.8 19.7 29.5

88 18.8 14.4 21.6



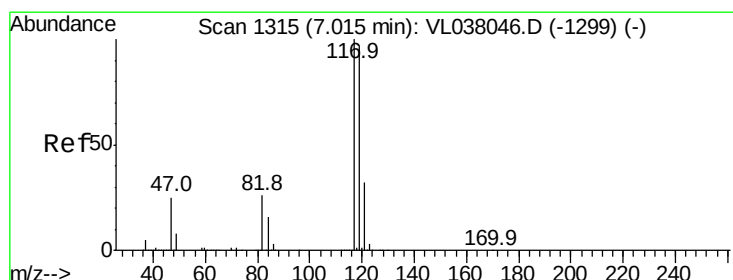
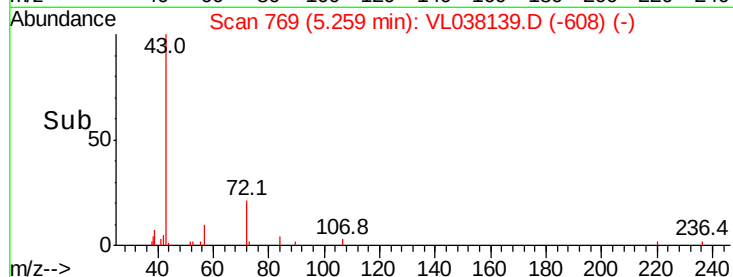
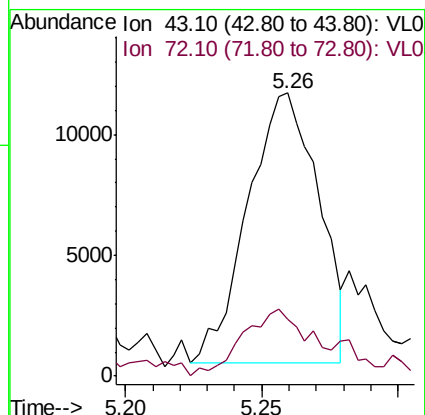
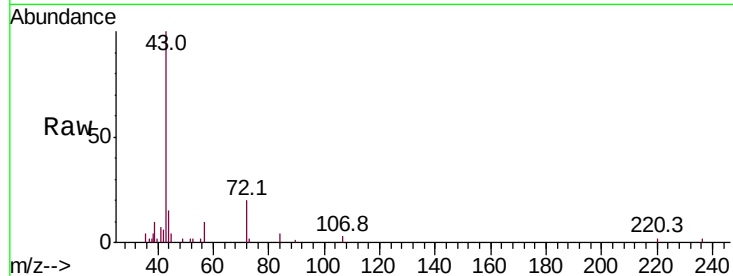
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





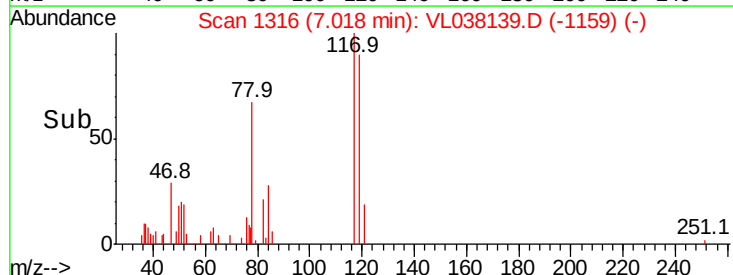
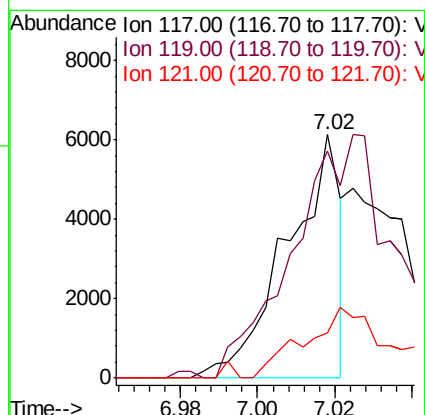
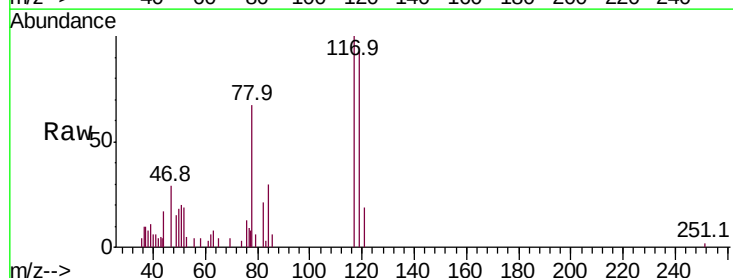
#34
2-Butanone
Concen: 0.194 ppbv
RT: 5.26
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Nov 2021 17:30

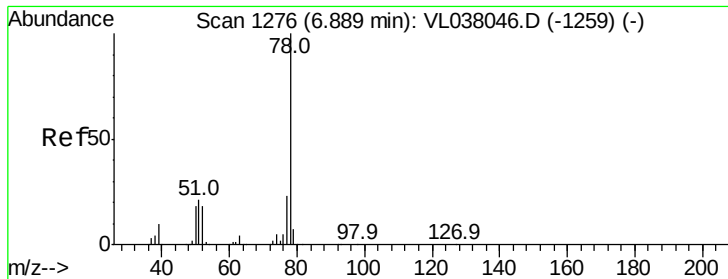
Tot Ion: 43 Resp: 20065
Ion Ratio Lower Upper
43 100
72 30.1 18.8 28.2#



#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VL038139.D
Acq: 29 Nov 2021 17:36

Tgt Ion: 117 Resp: 5855
Ion Ratio Lower Upper
117 100
119 90.3 77.7 116.5
121 18.7 25.6 38.4#





#36

Benzene

Concen: 11.311 ppbv

RT: 6.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

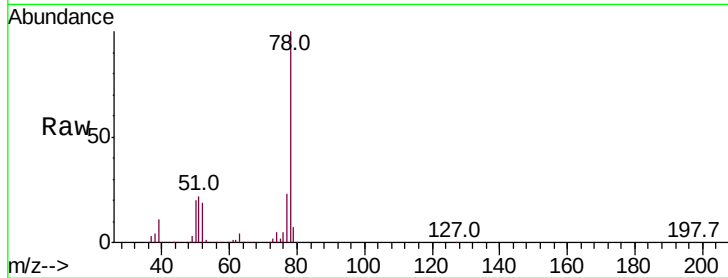
Tot Ion: 78 Resp: 2892206

Ion Ratio Lower Upper

78 100

77 22.6 18.2 27.4

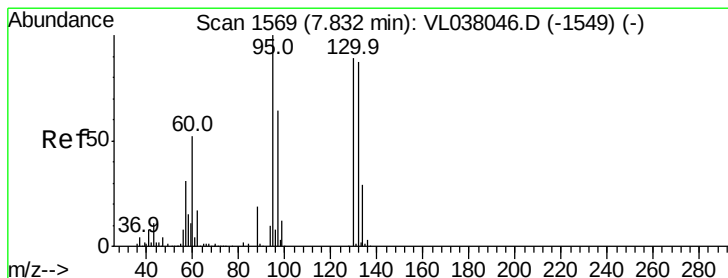
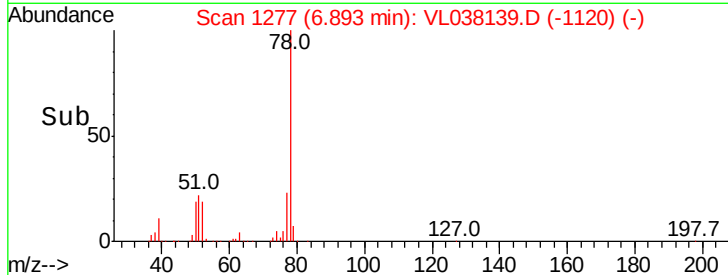
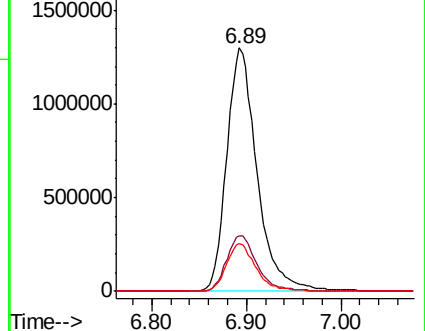
50 19.5 14.7 22.1



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.155 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion:130 Resp: 14938

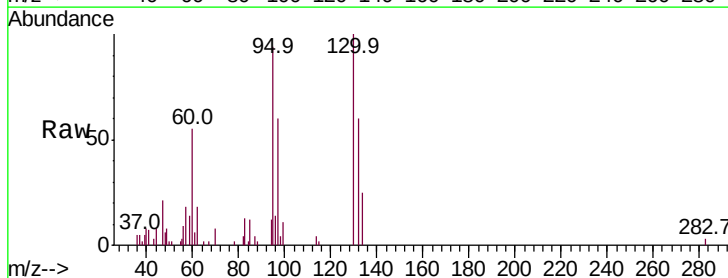
Ion Ratio Lower Upper

130 100

95 93.6 89.4 134.2

132 60.1 78.2 117.2#

97 56.7 57.0 85.4#

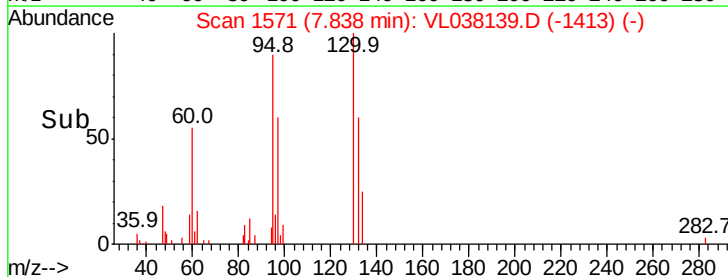
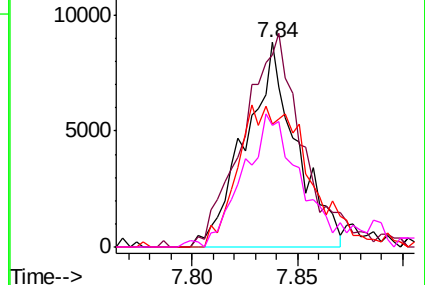


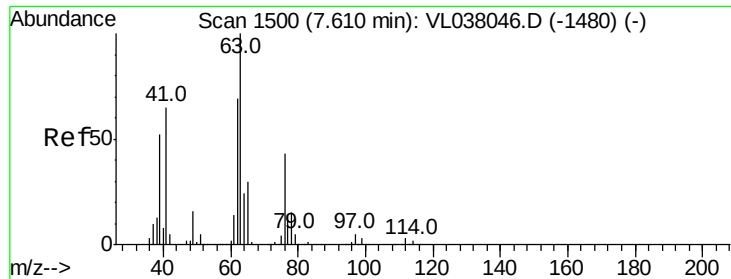
Abundance Ion 130.00 (129.70 to 130.70): V

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





#39

1,2-Dichloropropane

Concen: 0.122 ppbv

RT: 7.23 Instrument:

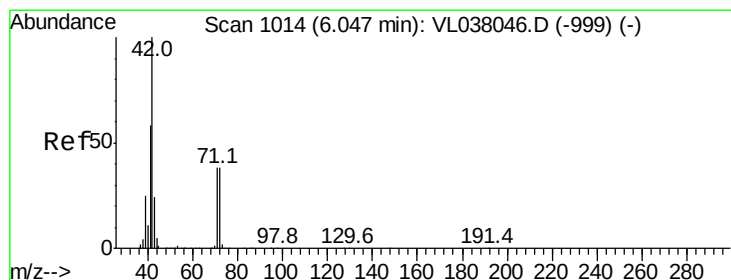
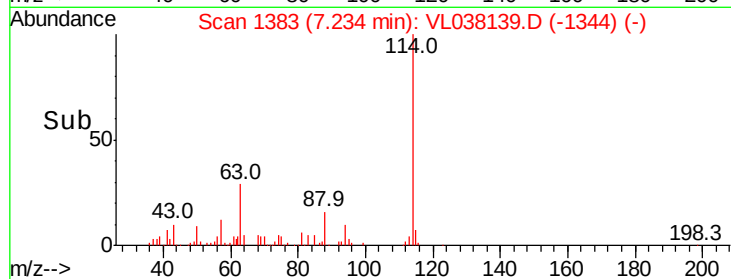
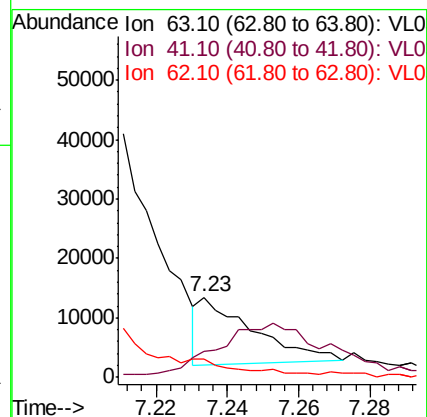
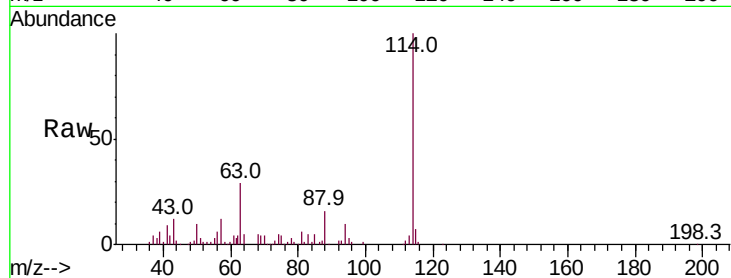
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

Tot Ion: 63 Resp: 11932

Ion	Ratio	Lower	Upper
63	100		
41	10.1	52.3	78.5#
62	23.4	55.1	82.7#



#41

Tetrahydrofuran

Concen: 0.104 ppbv

RT: 6.32 min Scan# 1100

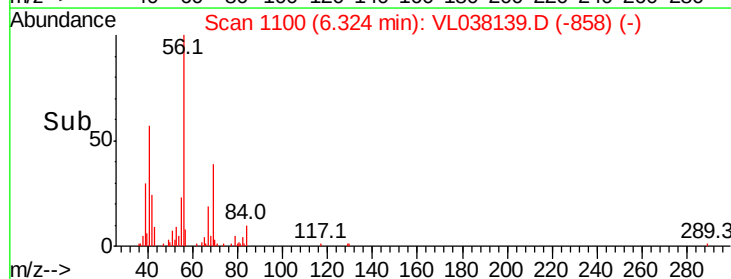
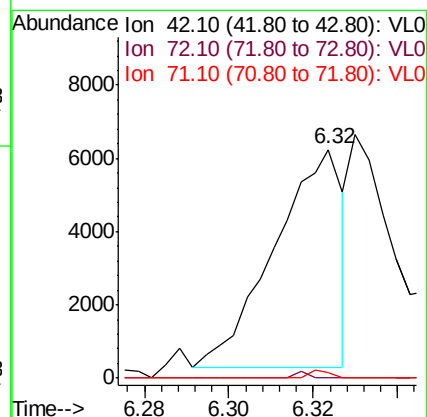
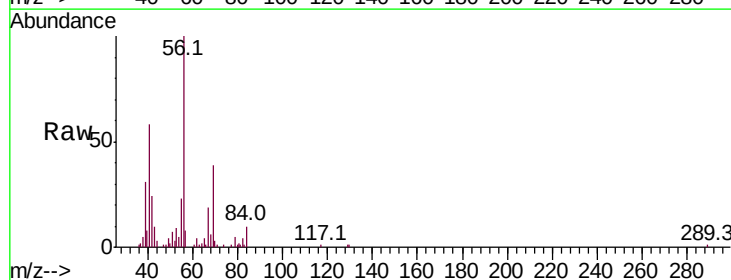
Delta R.T. 0.28 min

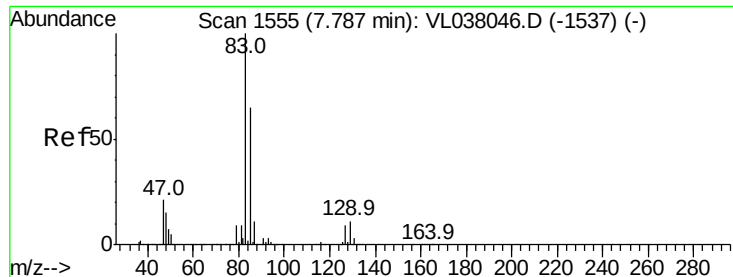
Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion: 42 Resp: 6674

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.6	46.0#





#42

Bromodichloromethane

Concen: 0.062 ppbv

RT: 7.79 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

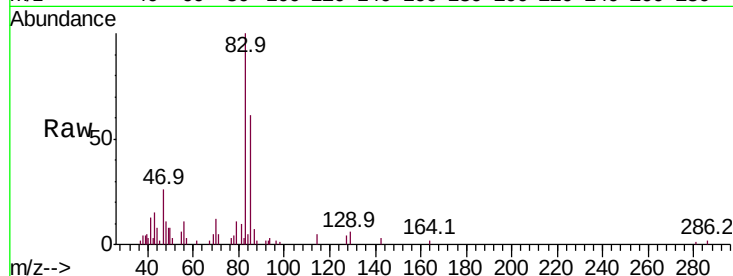
Tot Ion: 83 Resp: 11706

Ion Ratio Lower Upper

83 100

85 57.8 51.9 77.9

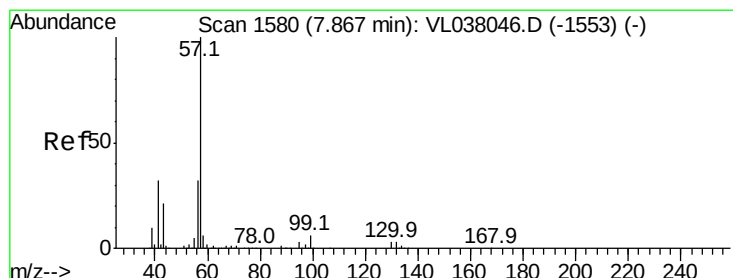
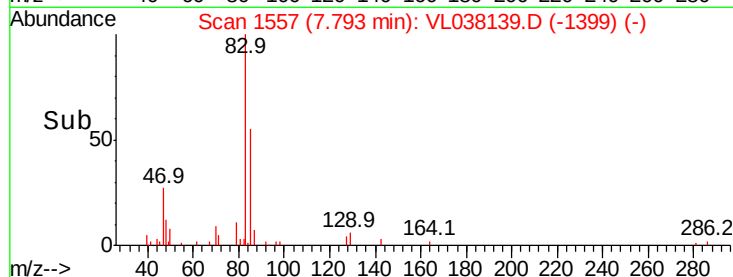
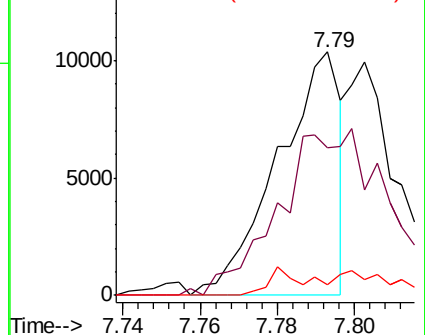
127 4.4 6.8 10.2#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.044 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

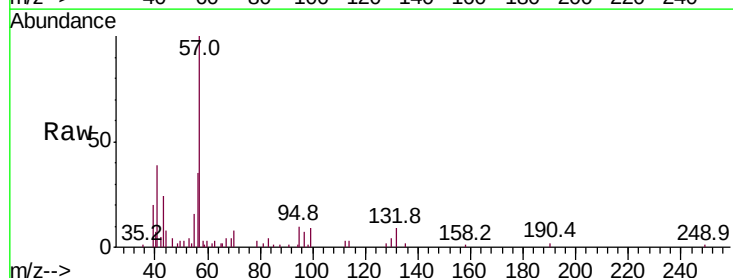
Tgt Ion: 57 Resp: 18995

Ion Ratio Lower Upper

57 100

41 0.0 25.8 38.6#

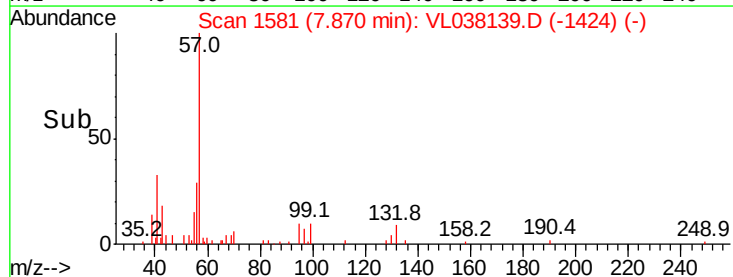
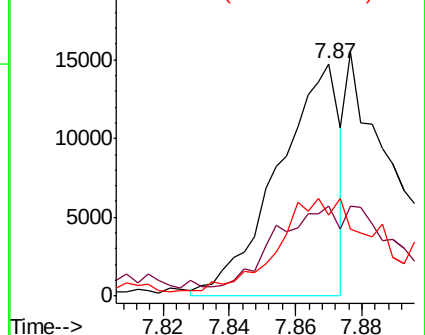
56 0.0 25.6 38.4#

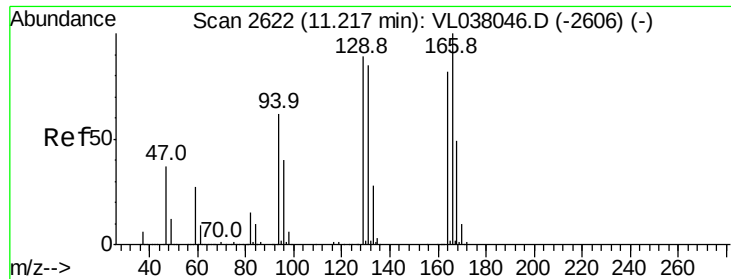


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#52

Tetrachloroethene

Concen: 342.933 ppbv

RT: 11.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 29 Nov 2021 17:30

Tot Ion:164 Resp:32446212

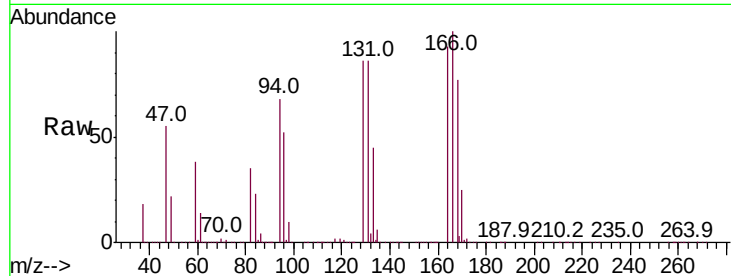
Ion Ratio Lower Upper

164 100

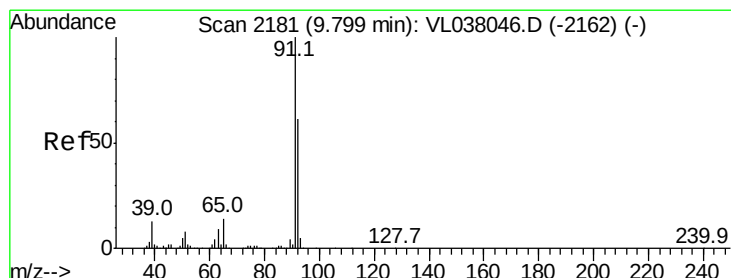
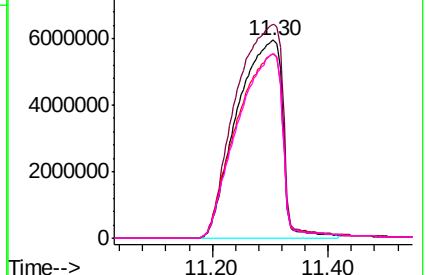
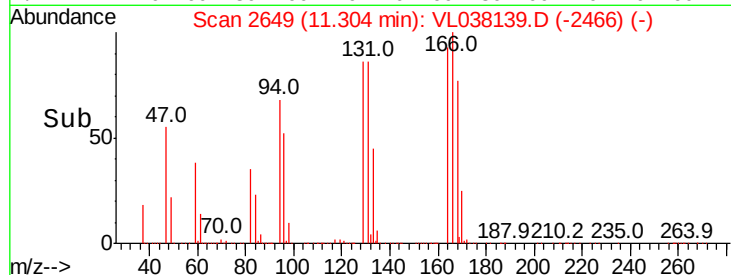
166 107.7 97.2 145.8

129 92.9 86.9 130.3

131 92.8 82.8 124.2



Abundance Ion 163.90 (163.60 to 164.60): V
1e+07
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.402 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.01 min

Lab File: VL038139.D

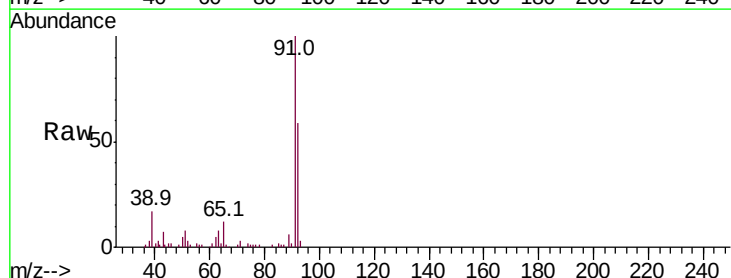
Acq: 29 Nov 2021 17:36

Tgt Ion: 91 Resp: 118330

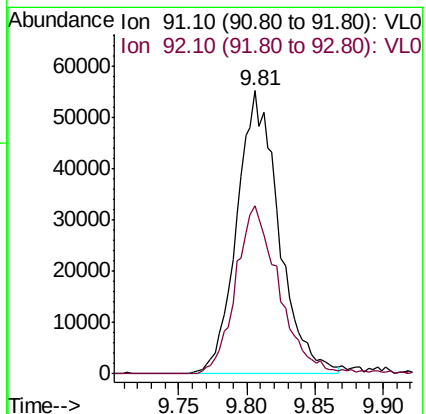
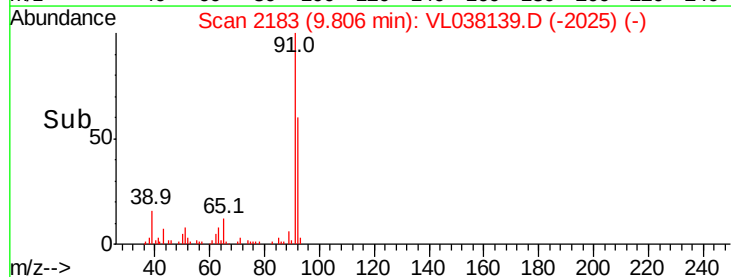
Ion Ratio Lower Upper

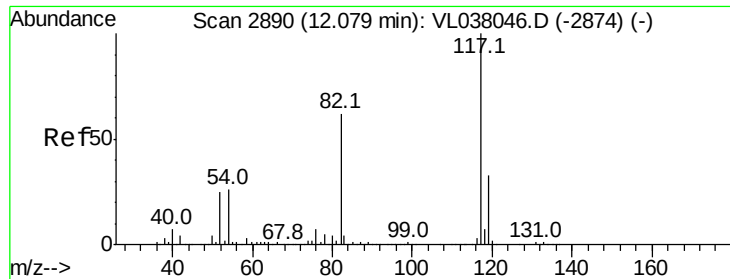
91 100

92 61.6 49.7 74.5



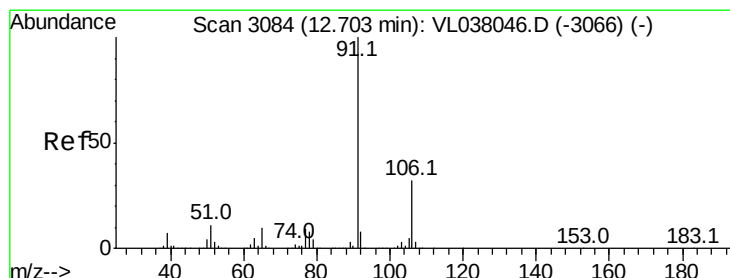
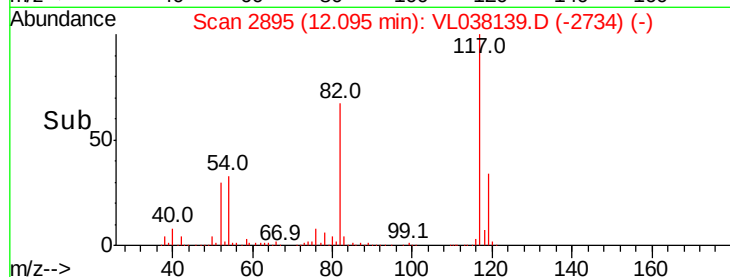
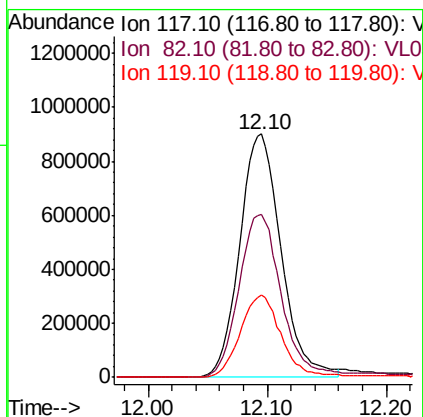
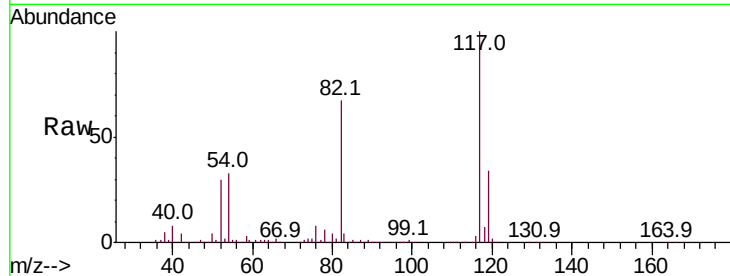
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





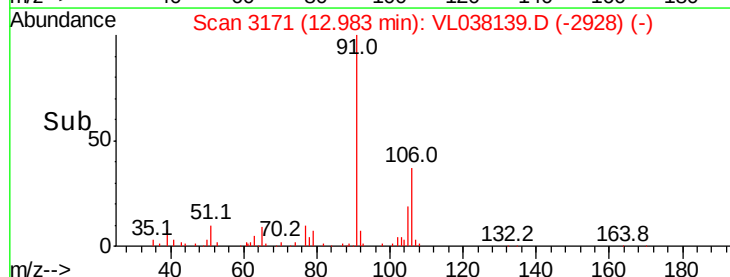
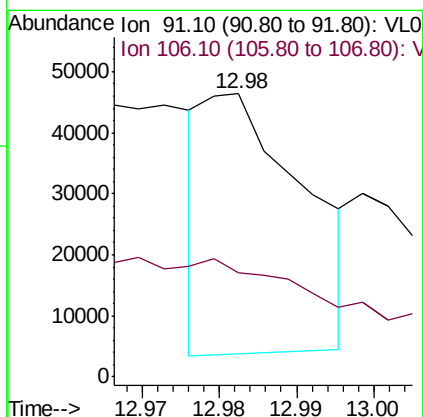
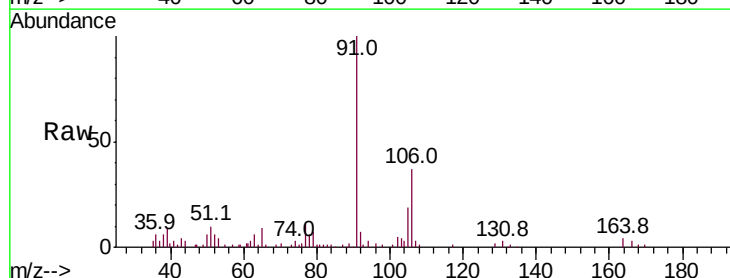
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Nov 2021 17:30

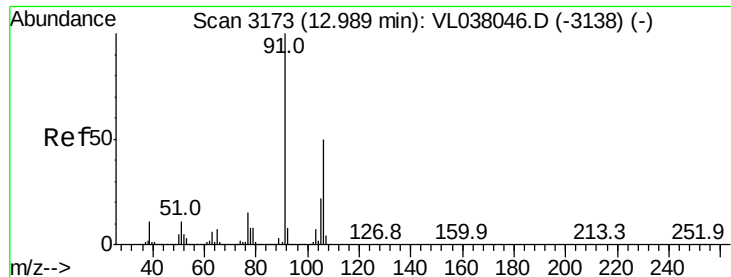
Tot Ion:117 Resp: 2169083
Ion Ratio Lower Upper
117 100
82 71.3 52.8 79.2
119 34.7 26.8 40.2



#58
Ethyl Benzene
Concen: 0.106 ppbv
RT: 12.98 min Scan# 3171
Delta R.T.: 0.28 min
Lab File: VL038139.D
Acq: 29 Nov 2021 17:36

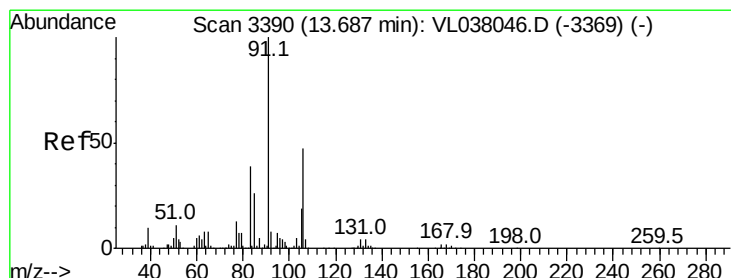
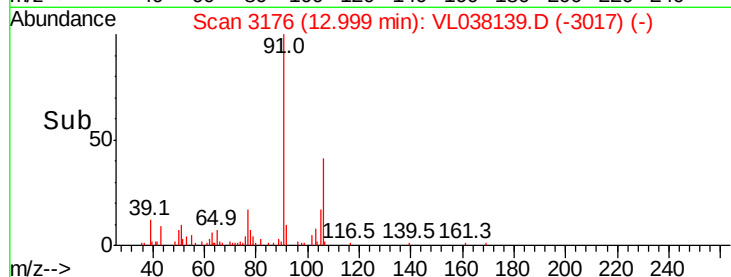
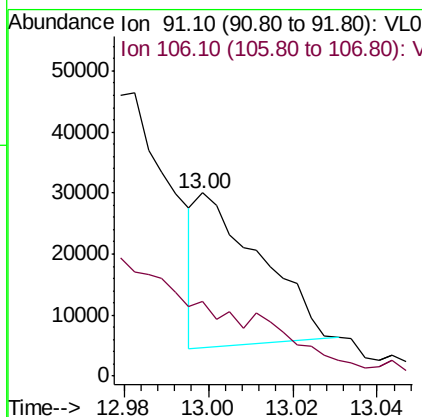
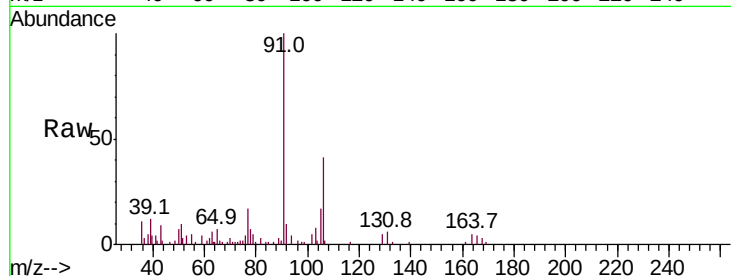
Tgt Ion: 91 Resp: 37944
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.6





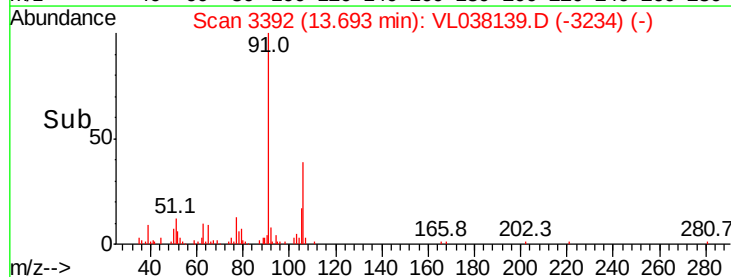
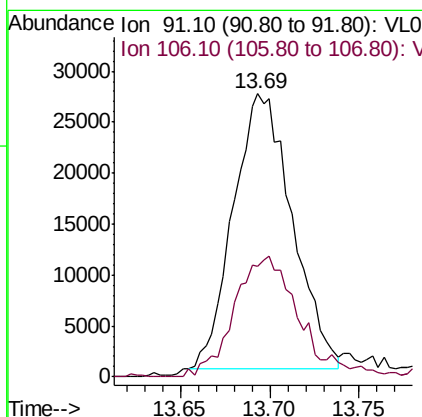
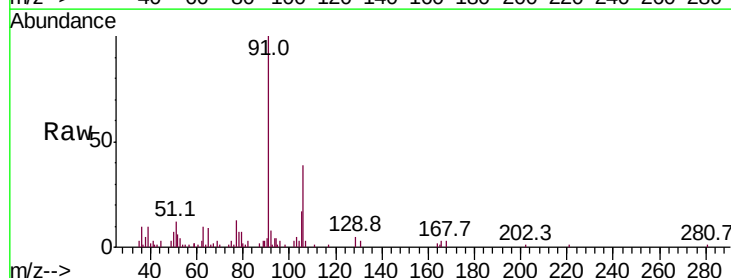
#59
m/p-Xylene
Concen: 0.086 ppbv
RT: 13.00 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 29 Nov 2021 17:30

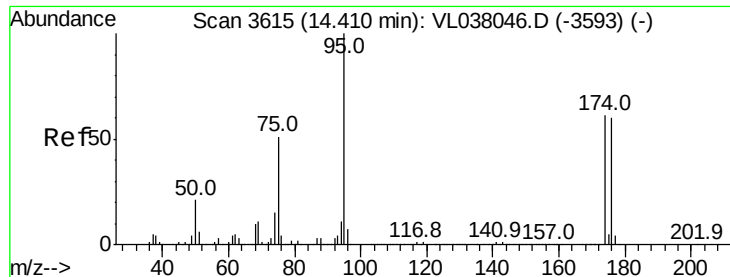
Tot Ion: 91 Resp: 26000
Ion Ratio Lower Upper
91 100
106 0.0 38.1 57.1#



#60
o-Xylene
Concen: 0.221 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038139.D
Acq: 29 Nov 2021 17:36

Tgt Ion: 91 Resp: 62002
Ion Ratio Lower Upper
91 100
106 49.2 24.2 72.6





#68

1-Bromo-4-Fluorobenzene

Concen: 11.126 ppbv

RT: 14.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

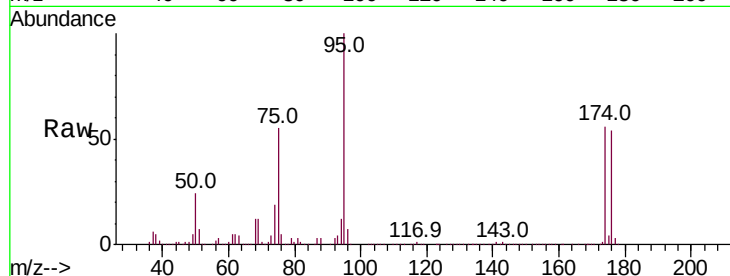
Tot Ion: 95 Resp: 1740768

Ion Ratio Lower Upper

95 100

174 61.5 53.1 79.7

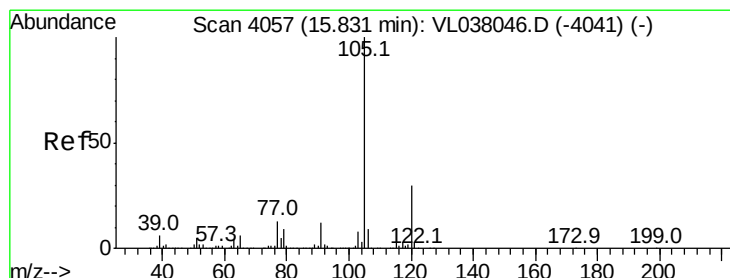
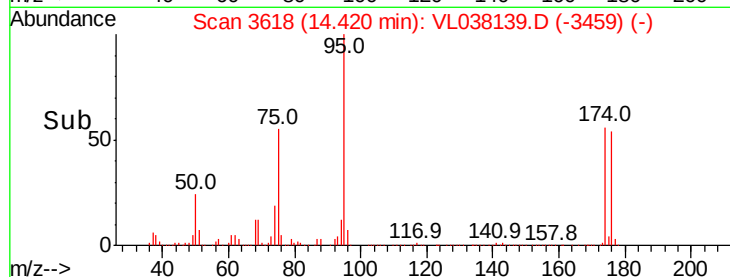
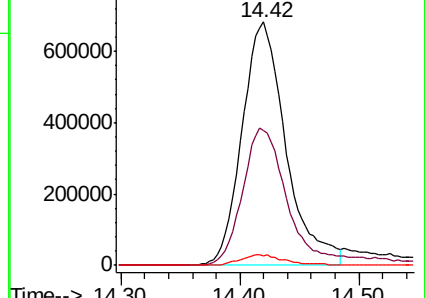
175 4.8 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#72

4-Ethyltoluene

Concen: 0.050 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.02 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion:105 Resp: 16315

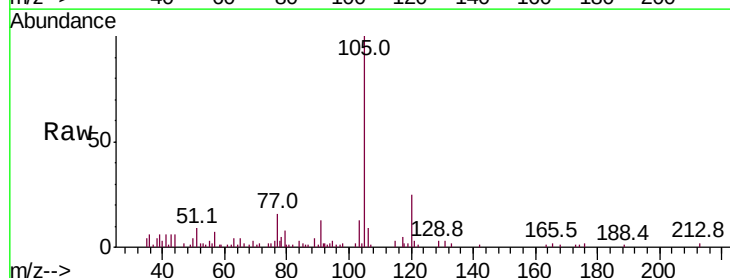
Ion Ratio Lower Upper

105 100

120 100.9 25.1 37.7#

91 0.0 9.7 14.5#

77 0.0 10.6 16.0#

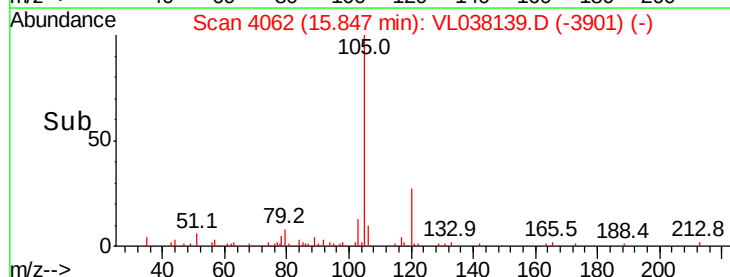
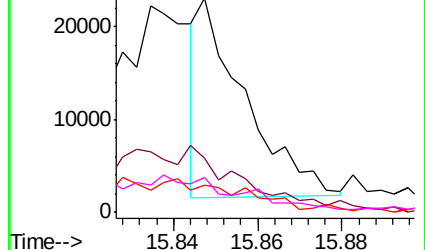


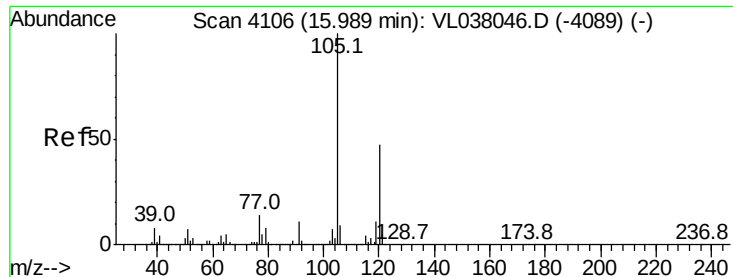
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 0.141 ppbv

RT: 16.00 min

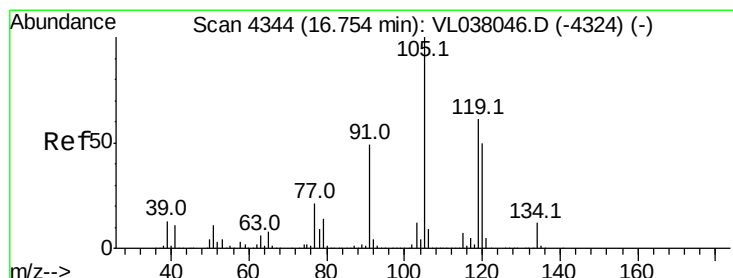
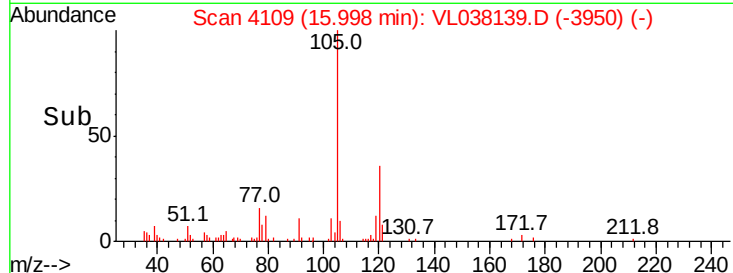
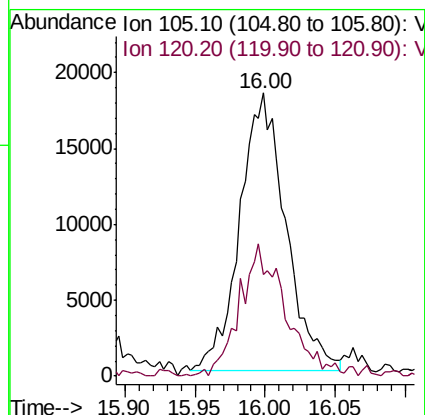
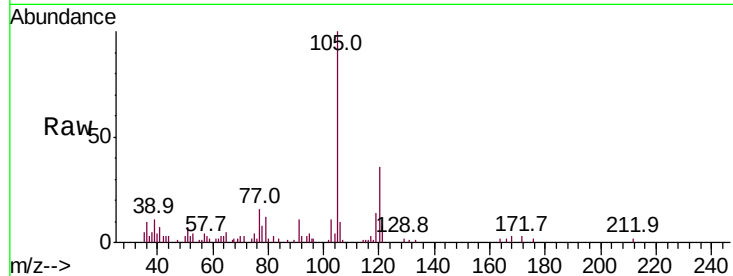
Delta R.T. 0.01 min

Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tot Ion:105 Resp: 41812

Ion	Ratio	Lower	Upper
105	100		
120	36.7	37.8	56.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.399 ppbv

RT: 16.76 min Scan# 4347

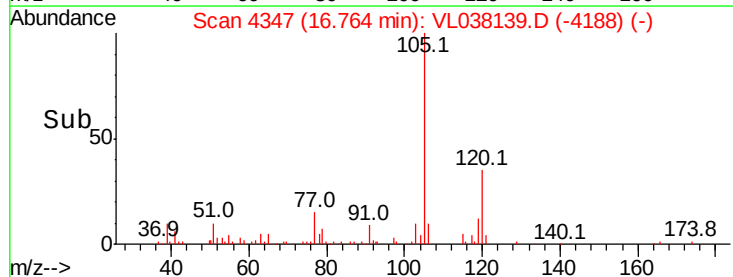
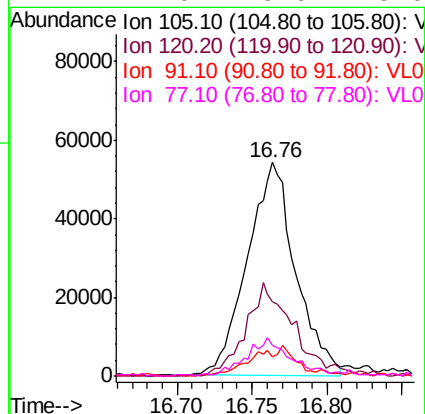
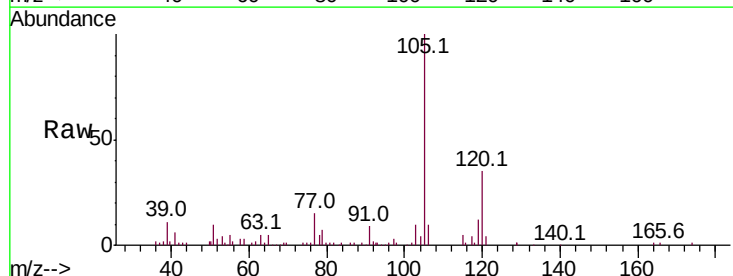
Delta R.T. 0.01 min

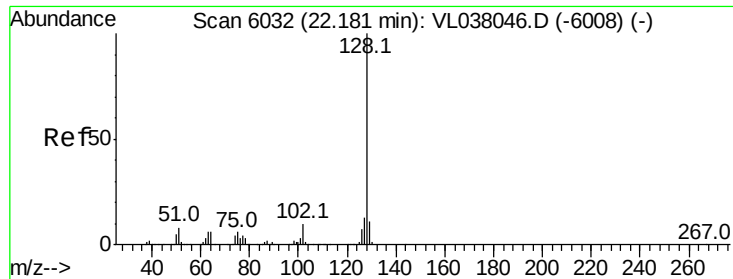
Lab File: VL038139.D

Acq: 29 Nov 2021 17:36

Tgt Ion:105 Resp: 121901

Ion	Ratio	Lower	Upper
105	100		
120	34.7	40.1	60.1#
91	9.3	39.8	59.8#
77	14.0	16.6	25.0#





#79

Naphthalene

Concen: 1.439 ppbv

RT: 22.19 Instrument:

Delta R.T MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Nov 2021 17:30

Tot Ion:128 Resp: 231508

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 11.4 8.9 13.3

