

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
 Data File : VL038486.D
 Acq On : 2 Mar 2022 17:51
 Operator : SY/AP
 Sample : N1724-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Quant Time: Mar 02 22:38:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	977559	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2395682	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2161677	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	4867092	27.21	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	272.10%#

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.99	51	15523	0.09	ppbv	93
4) Chloromethane	3.14	50	4094	0.07	ppbv #	62
5) Vinyl Chloride	3.27	62	74243	1.18	ppbv	97
9) Propene	3.21	41	3372734	59.18	ppbv	97
10) Heptane	8.13	43	1559416	11.24	ppbv	100
13) Ethanol	3.60	45	147553	25.94	ppbv	97
15) Acetone	3.85	43	1022674	12.30	ppbv #	24
16) 1,3-Butadiene	3.31	39	1638443	29.51	ppbv #	24
17) tert-Butyl alcohol	4.30	59	6161	0.07	ppbv #	72
19) Isopropyl Alcohol	3.97	45	119612	2.48	ppbv #	1
20) Methylene Chloride	4.35	84	41664	1.01	ppbv	90
21) Allyl Chloride	4.38	41	142228	2.03	ppbv #	39
23) Vinyl Acetate	5.06	43	2430168	22.06	ppbv #	1
25) Ethyl Acetate	5.69	43	1501655	6.72	ppbv #	80
26) Hexane	5.69	57	1961522	19.39	ppbv #	45
27) Carbon Disulfide	4.56	76	260410	2.31	ppbv	99
30) Cyclohexane	7.14	84	1485935	17.96	ppbv	93
31) cis-1,2-Dichloroethene	5.55	61	113892	1.16	ppbv	99
34) 2-Butanone	5.25	43	434406	5.77	ppbv	98
36) Benzene	6.89	78	643211	3.05	ppbv	94
37) 1,2-Dichloroethane	6.32	62	9402	0.08	ppbv #	83
39) 1,2-Dichloropropane	7.71	63	6538	0.08	ppbv #	1
41) Tetrahydrofuran	6.07	42	30041	0.59	ppbv #	84
42) Bromodichloromethane	7.80	83	590722	3.36	ppbv #	24
43) Methyl Methacrylate	7.99	69	15262	0.21	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	4371131	12.06	ppbv #	31
47) 1,1,2-Trichloroethane	9.58	97	448294	5.36	ppbv #	58
50) 4-Methyl-2-Pentanone	8.77	43	438682	3.29	ppbv	94
51) 2-Hexanone	10.13	43	6582452	110.37	ppbv #	30
52) Tetrachloroethene	11.23	164	11492	0.16	ppbv	90
53) Toluene	9.81	91	212278	0.93	ppbv	98
57) Chlorobenzene	12.21	112	3194975	19.16	ppbv #	31
58) Ethyl Benzene	12.73	91	169272	0.57	ppbv #	89
59) m/p-Xylene	13.01	91	30562	0.12	ppbv #	33
62) Isopropylbenzene	14.68	105	201561	0.63	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	61199	0.31	ppbv #	24
65) tert-Butylbenzene	16.76	119	10462	0.04	ppbv #	1
66) Benzyl Chloride	17.01	91	4701	0.31	ppbv #	69
67) sec-Butylbenzene	17.30	105	72435	0.18	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	13877	0.05	ppbv #	86

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QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

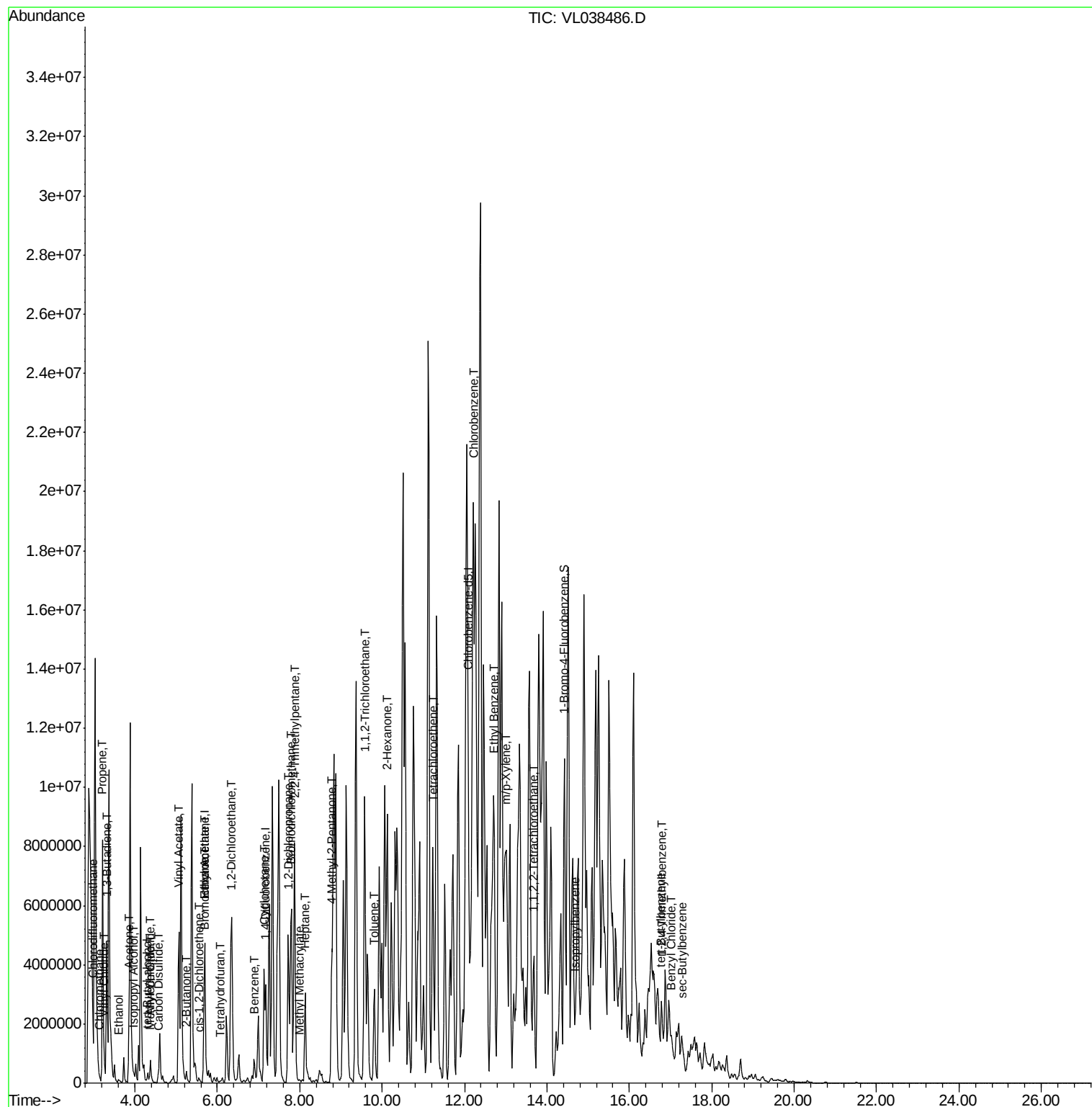
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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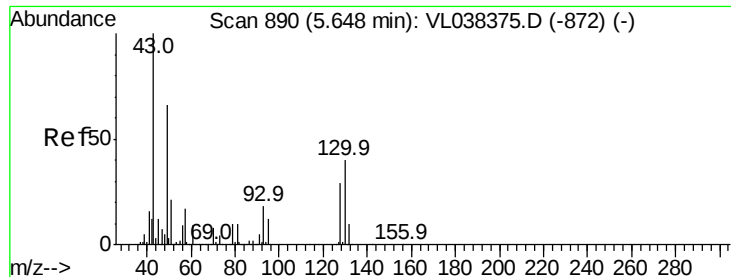
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 17:51

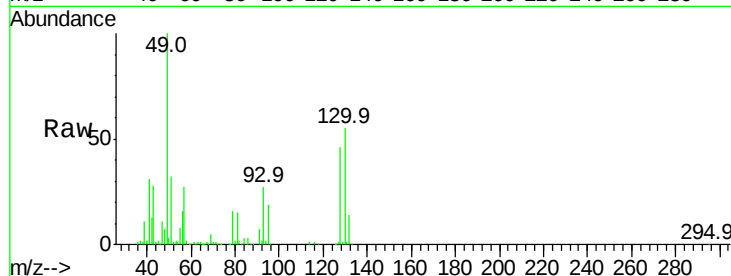
Tgt Ion: 49 Resp: 977559

Ion Ratio Lower Upper

49 100

128 46.0 24.3 72.9

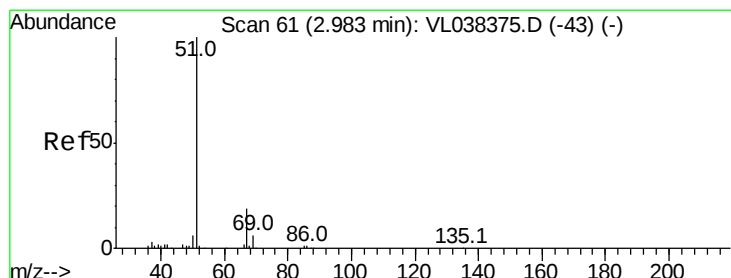
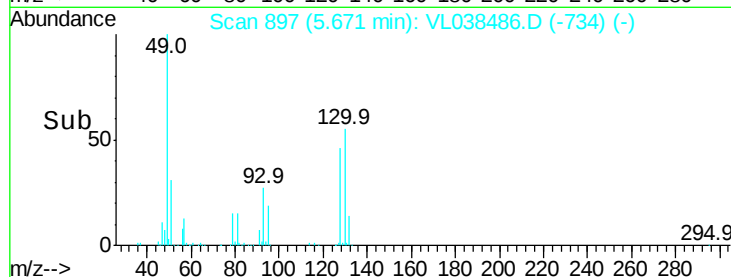
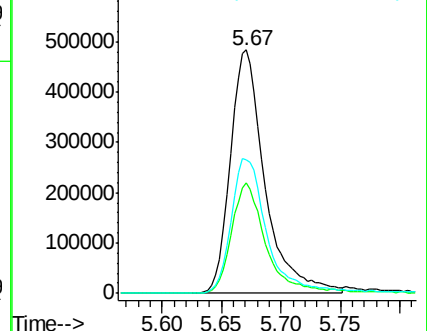
130 58.9 30.1 90.5



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



#3

Chlorodifluoromethane

Concen: 0.09 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL038486.D

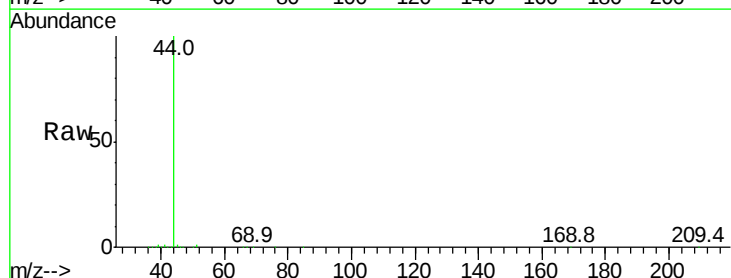
Acq: 2 Mar 2022 17:51

Tgt Ion: 51 Resp: 15523

Ion Ratio Lower Upper

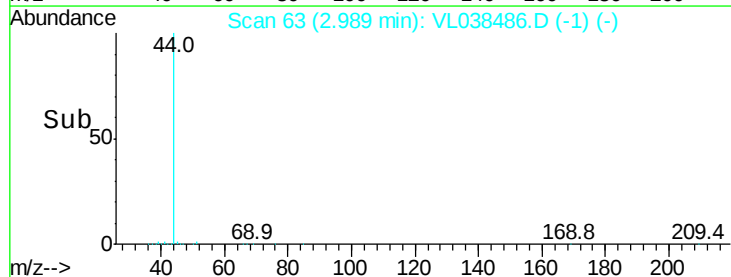
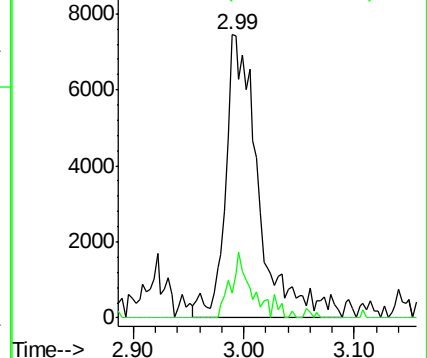
51 100

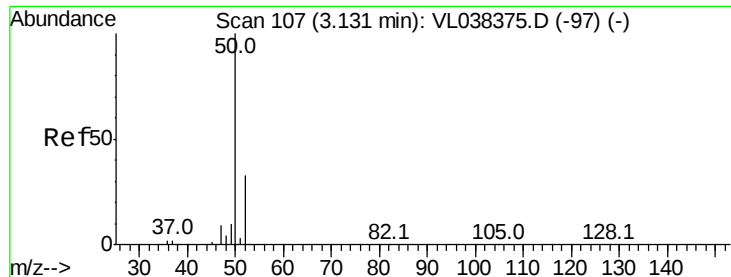
67 15.3 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.07 ppbv

RT: 3.14 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

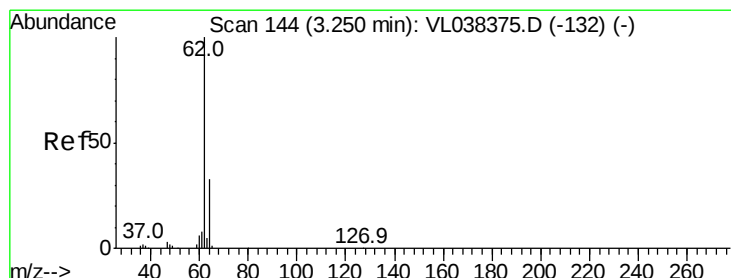
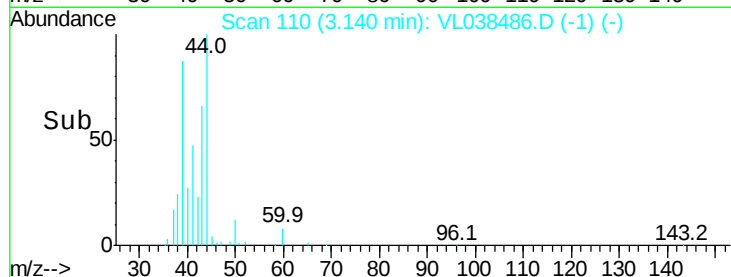
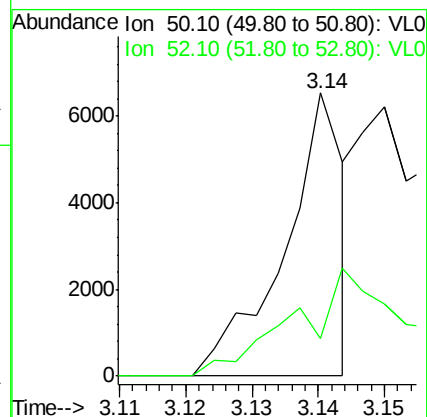
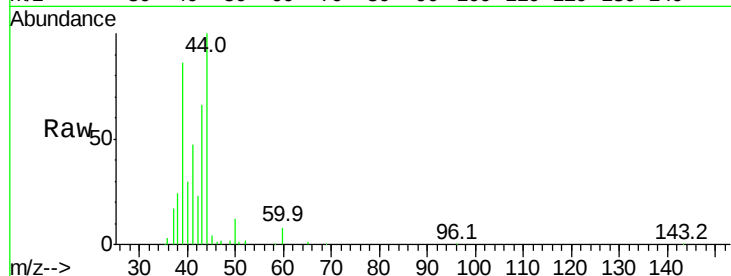
Acq: 2 Mar 2022 17:51 SV-1

Tgt Ion: 50 Resp: 4094

Ion Ratio Lower Upper

50 100

52 11.7 26.5 39.7#



#5

Vinyl Chloride

Concen: 1.18 ppbv

RT: 3.27 min Scan# 150

Delta R.T. 0.02 min

Lab File: VL038486.D

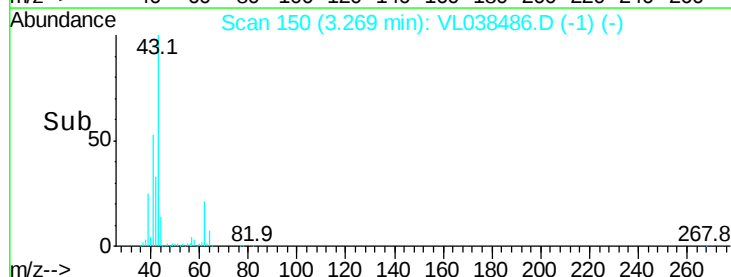
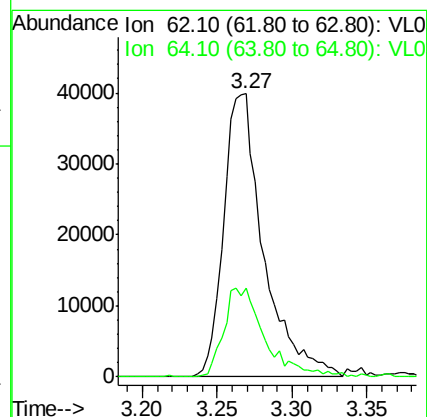
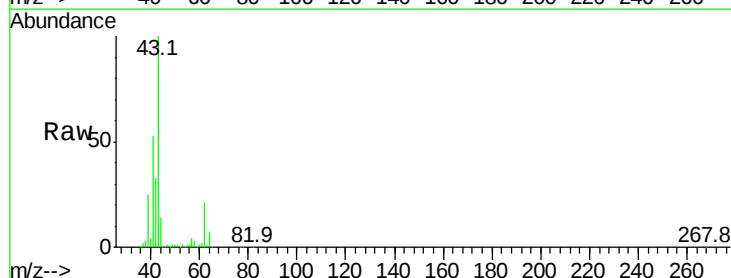
Acq: 2 Mar 2022 17:51

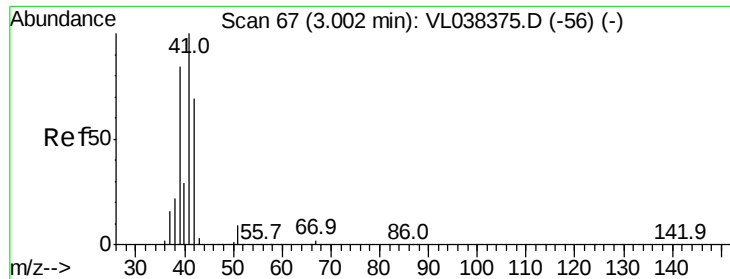
Tgt Ion: 62 Resp: 74243

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#9

Propene

Concen: 59.18 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

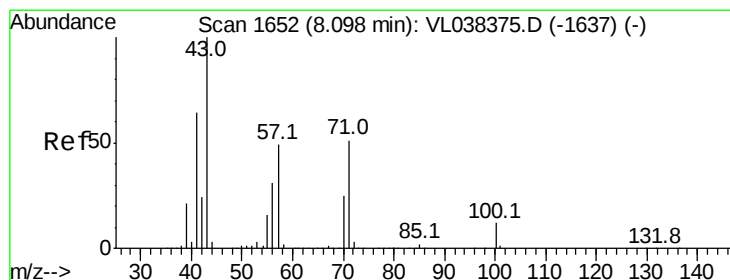
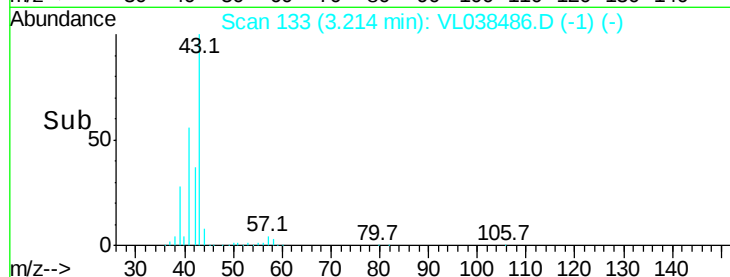
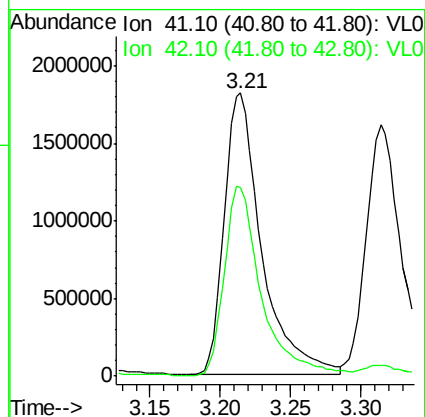
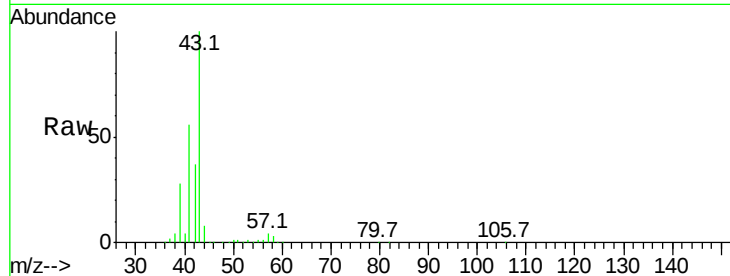
Acq: 2 Mar 2022 17:51

Tgt Ion: 41 Resp: 3372734

Ion Ratio Lower Upper

41 100

42 65.8 54.6 82.0



#10

Heptane

Concen: 11.24 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.03 min

Lab File: VL038486.D

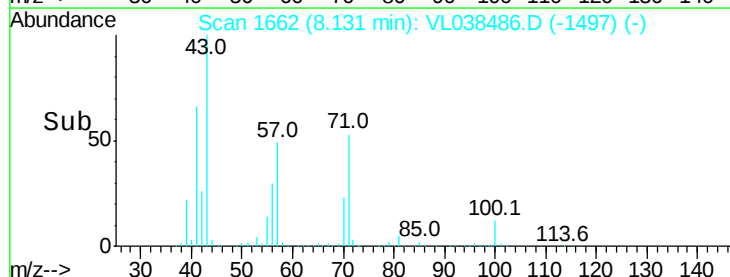
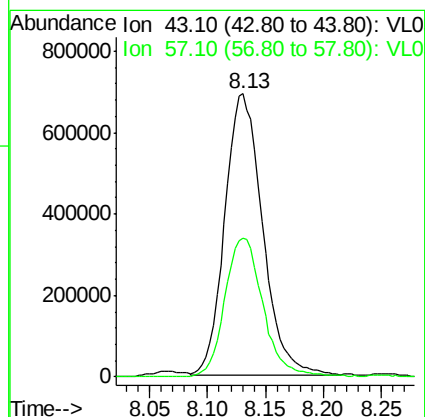
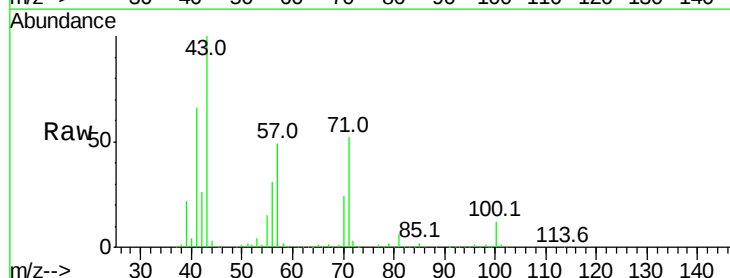
Acq: 2 Mar 2022 17:51

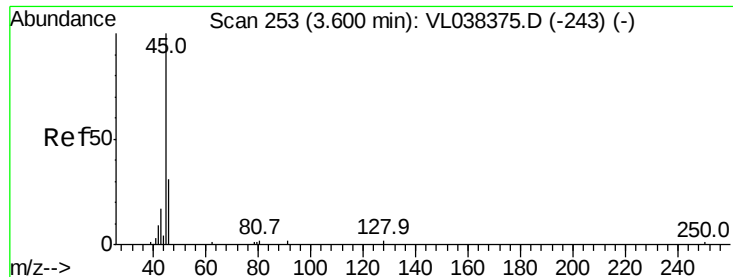
Tgt Ion: 43 Resp: 1559416

Ion Ratio Lower Upper

43 100

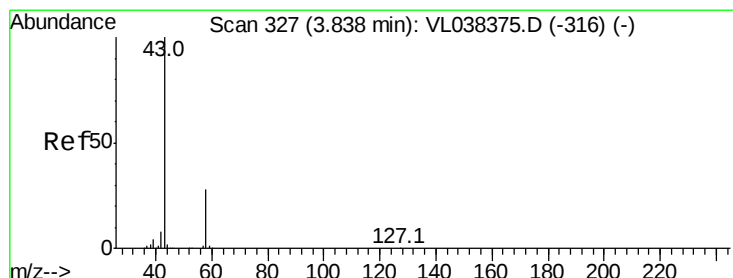
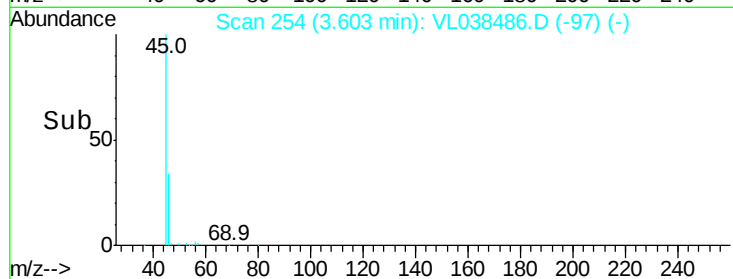
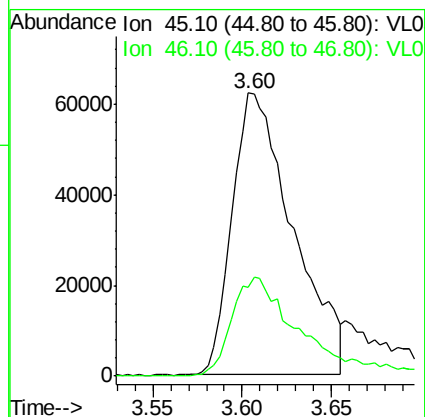
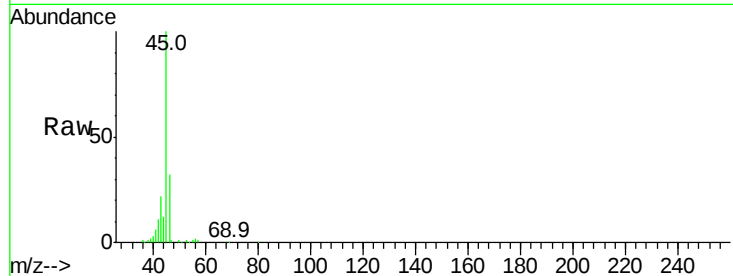
57 49.7 39.8 59.8





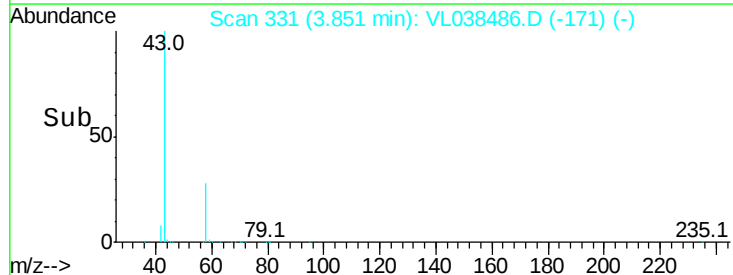
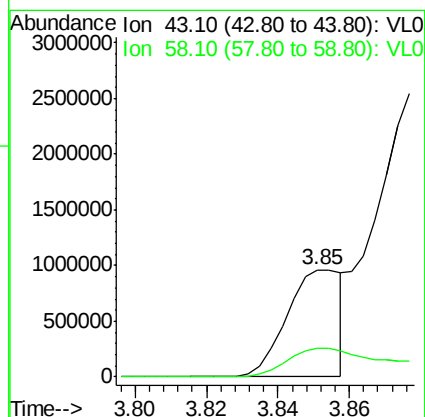
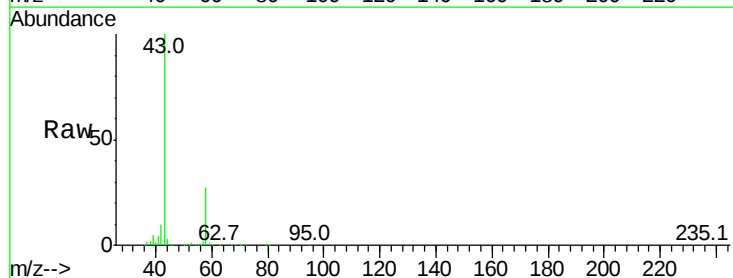
#13
 Ethanol
 Concen: 25.94 ppbv
 RT: 3.60
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 17:51

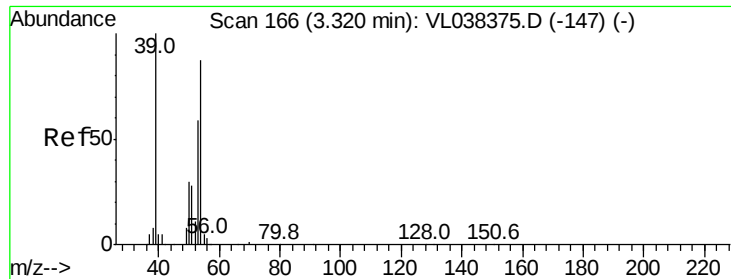
Tgt Ion: 45 Resp: 147553
 Ion Ratio Lower Upper
 45 100
 46 43.2 18.2 72.8



#15
 Acetone
 Concen: 12.30 ppbv
 RT: 3.85 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

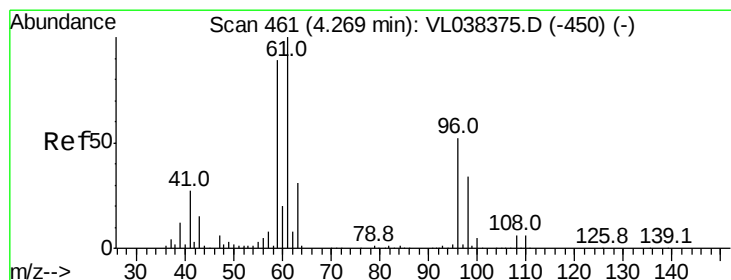
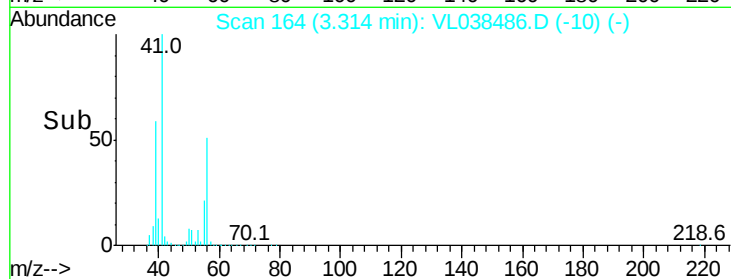
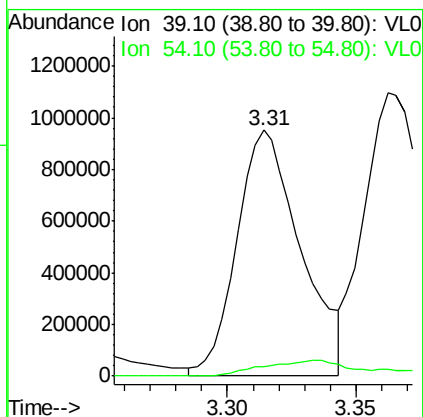
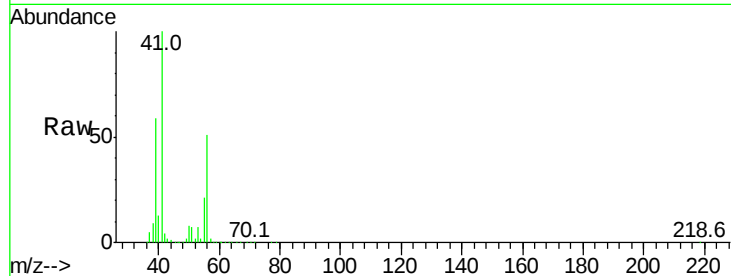
Tgt Ion: 43 Resp: 1022674
 Ion Ratio Lower Upper
 43 100
 58 66.6 21.7 32.5#





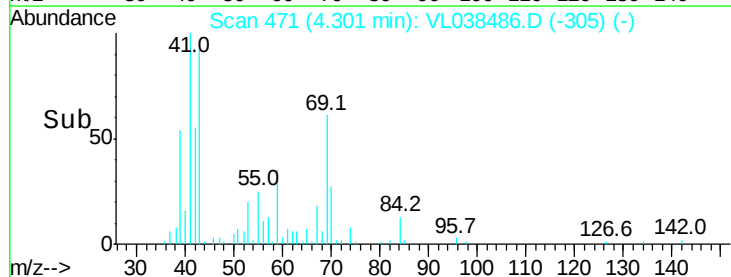
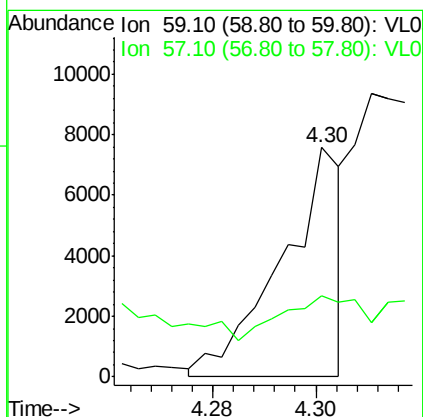
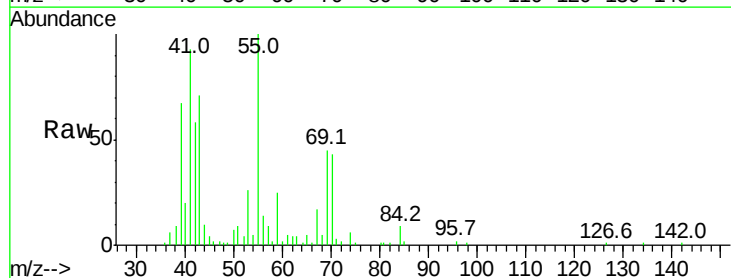
#16
 1,3-Butadiene
 Concen: 29.51 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 SV-1
 Acq: 2 Mar 2022 17:51

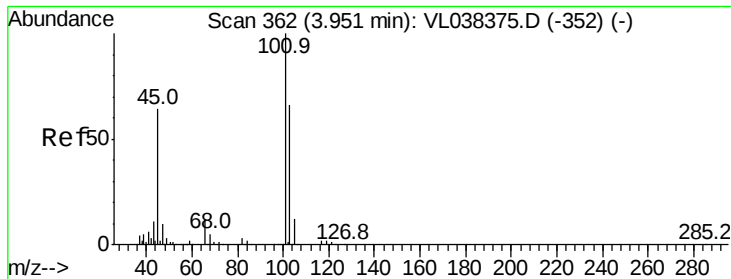
Tgt Ion: 39 Resp: 1638443
 Ion Ratio Lower Upper
 39 100
 54 10.9 60.3 90.5#



#17
 tert-Butyl alcohol
 Concen: 0.07 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.03 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

Tgt Ion: 59 Resp: 6161
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 2.48 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

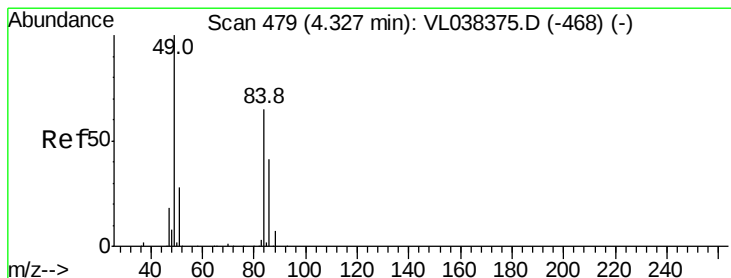
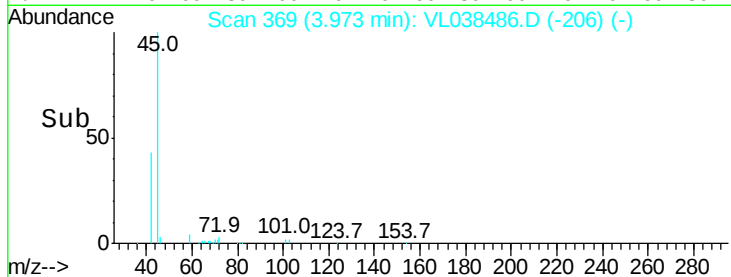
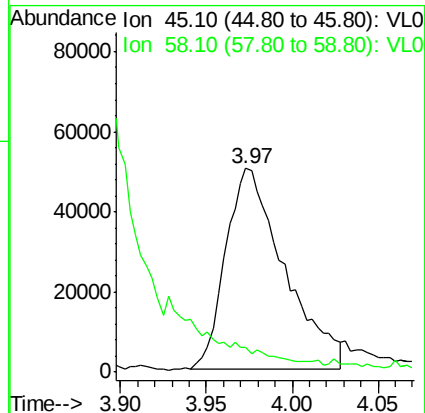
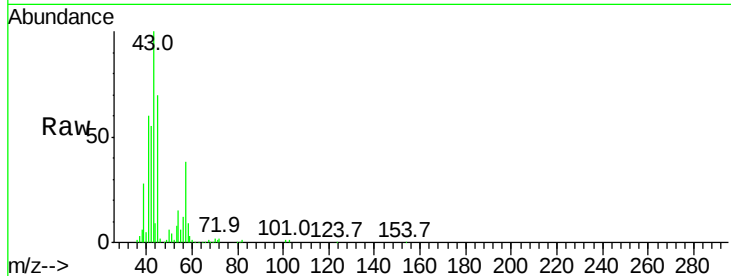
Acq: 2 Mar 2022 17:51

Tgt Ion: 45 Resp: 119612

Ion Ratio Lower Upper

45 100

58 572.0 1.8 2.8#



#20

Methylene Chloride

Concen: 1.01 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

Tgt Ion: 84 Resp: 41664

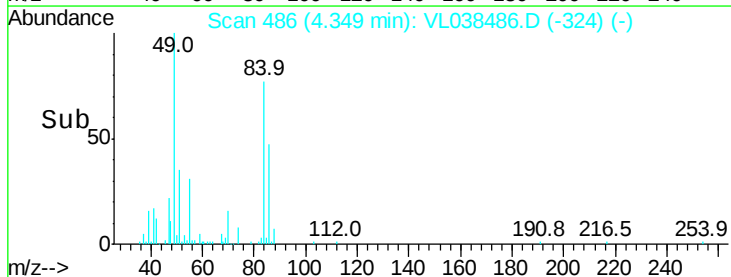
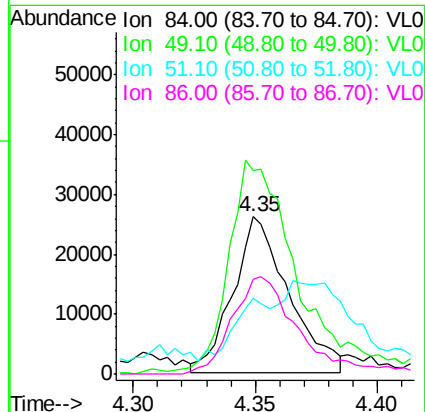
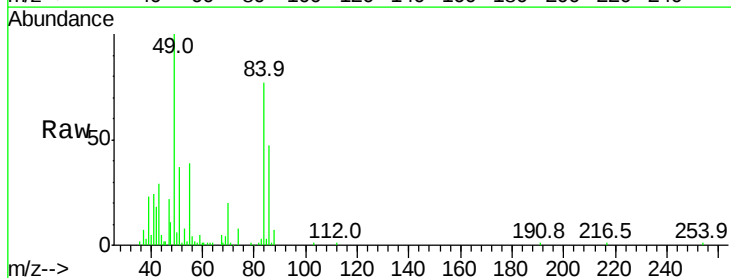
Ion Ratio Lower Upper

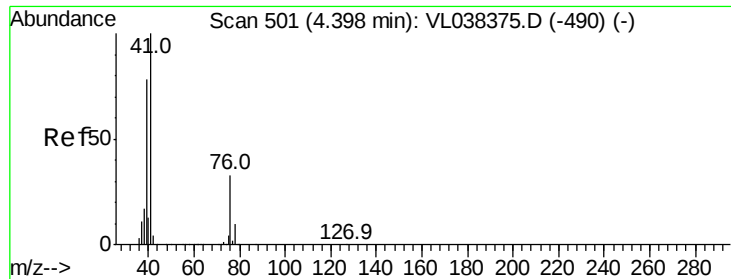
84 100

49 134.7 122.4 183.6

51 36.2 33.3 49.9

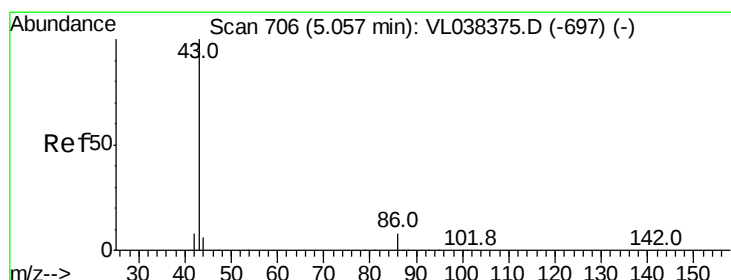
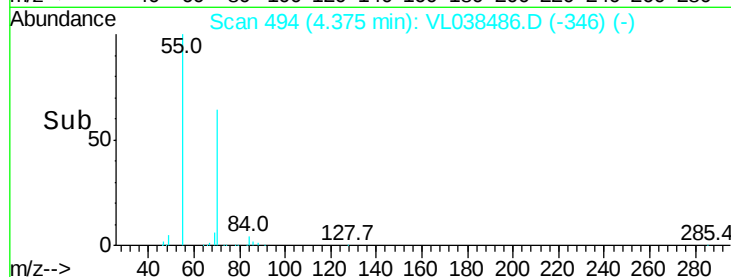
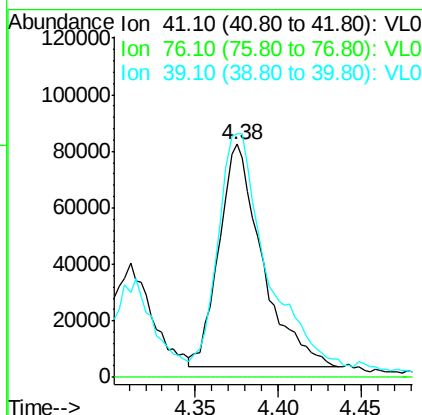
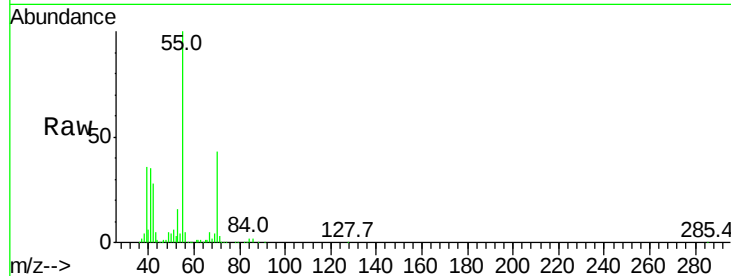
86 63.1 50.7 76.1





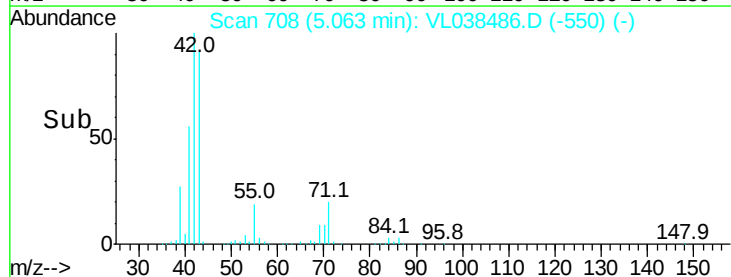
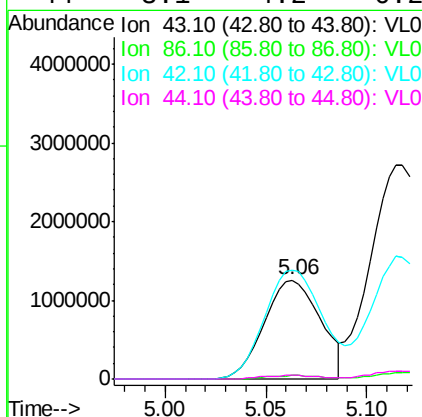
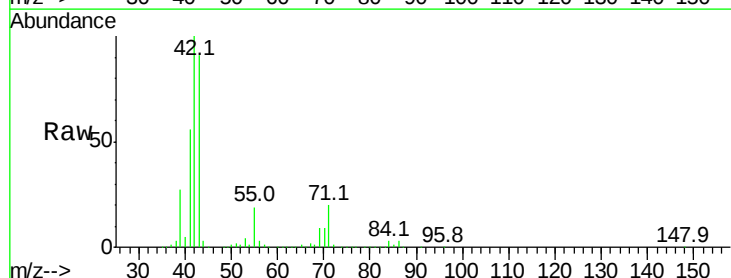
#21
 Allyl Chloride
 Concen: 2.03 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-1
 Acq: 2 Mar 2022 17:51

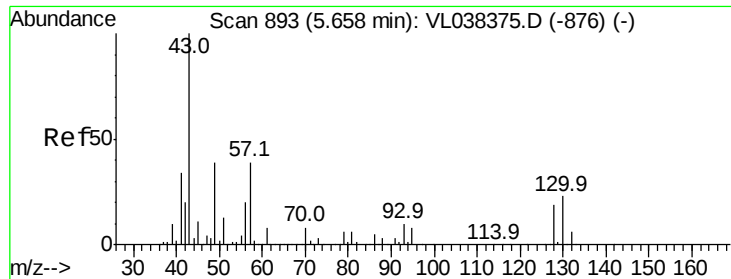
Tgt Ion: 41 Resp: 142228
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.4 38.0#
 39 134.2 63.0 94.6#



#23
 Vinyl Acetate
 Concen: 22.06 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

Tgt Ion: 43 Resp: 2430168
 Ion Ratio Lower Upper
 43 100
 86 3.4 5.8 8.6#
 42 110.3 7.4 11.0#
 44 3.1 4.2 6.2#





#25

Ethyl Acetate

Concen: 6.72 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 2 Mar 2022 17:51

Tgt Ion: 43 Resp: 1501655

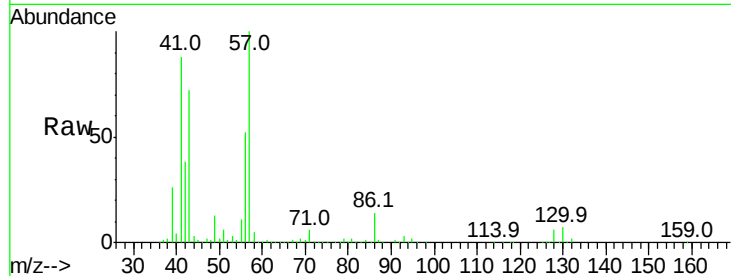
Ion Ratio Lower Upper

43 100

45 1.7 7.8 11.6#

61 1.2 7.5 11.3#

70 2.1 5.4 8.0#

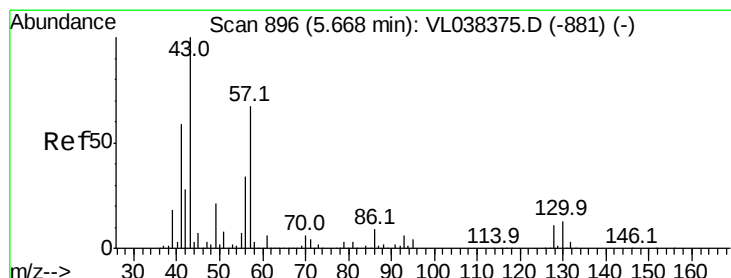
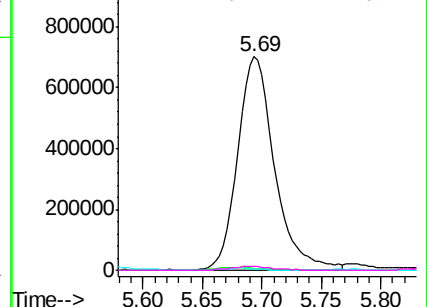
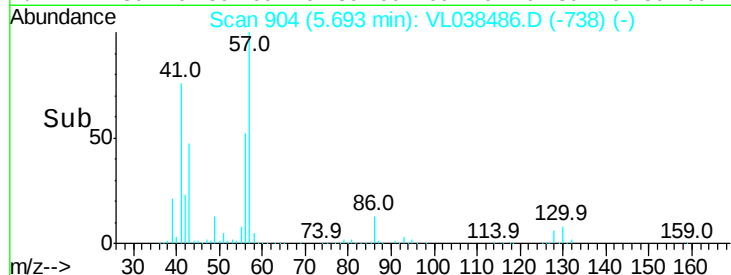


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 19.39 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.03 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

Tgt Ion: 57 Resp: 1961522

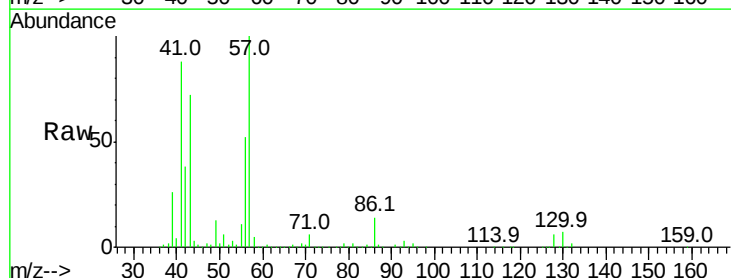
Ion Ratio Lower Upper

57 100

41 91.7 73.1 109.7

43 79.3 181.0 271.4#

56 54.2 43.4 65.0

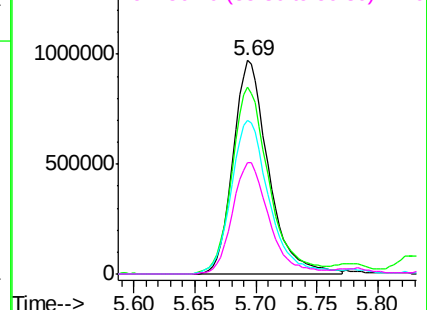
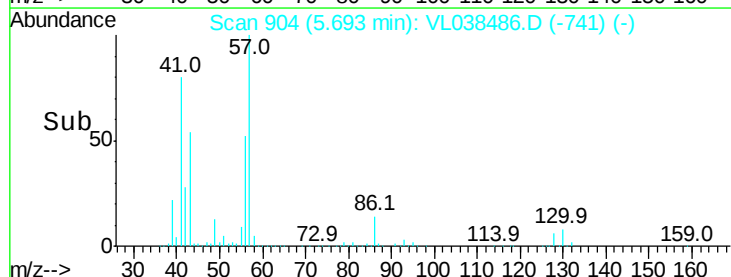


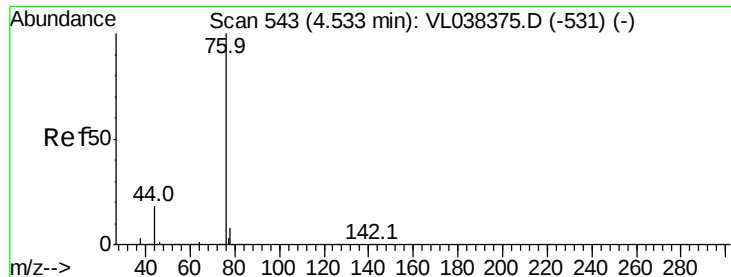
Abundance Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 2.31 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 17:51

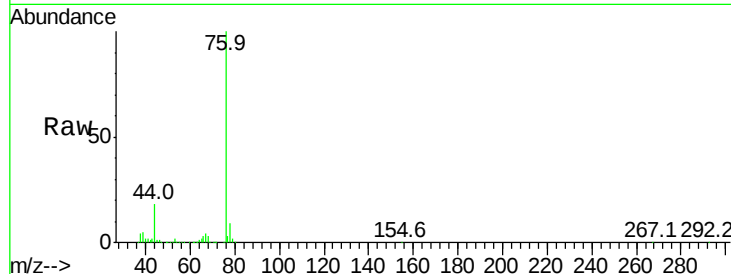
Tgt Ion: 76 Resp: 260410

Ion Ratio Lower Upper

76 100

44 18.1 14.2 21.2

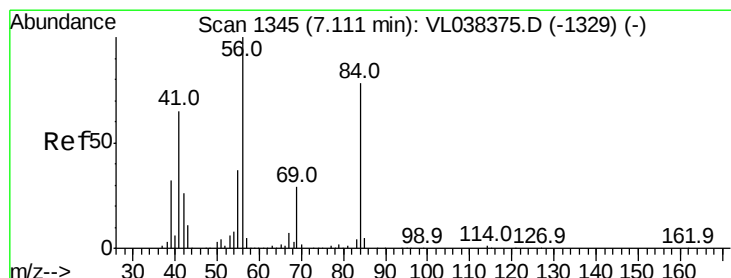
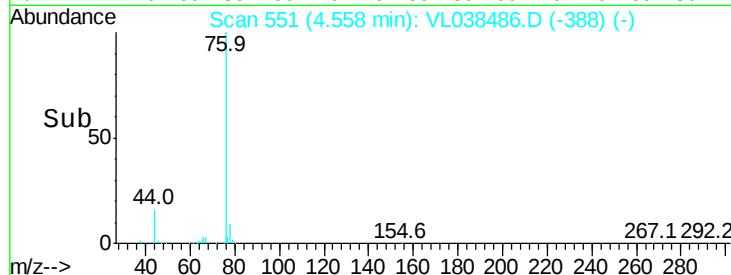
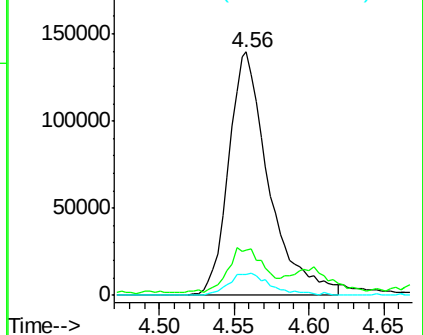
78 9.7 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#30

Cyclohexane

Concen: 17.96 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.03 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

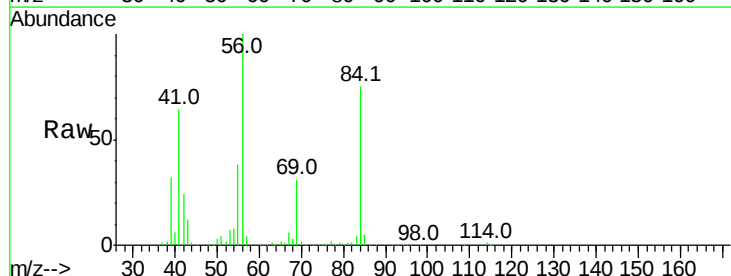
Tgt Ion: 84 Resp: 1485935

Ion Ratio Lower Upper

84 100

56 137.1 116.2 174.4

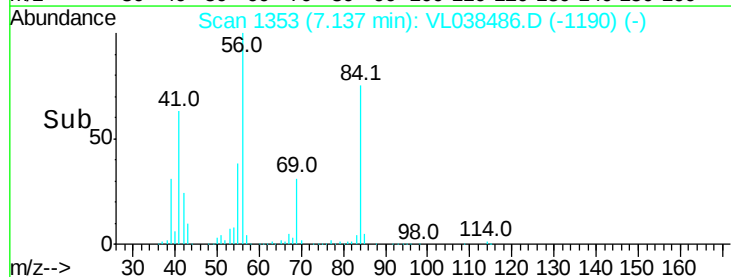
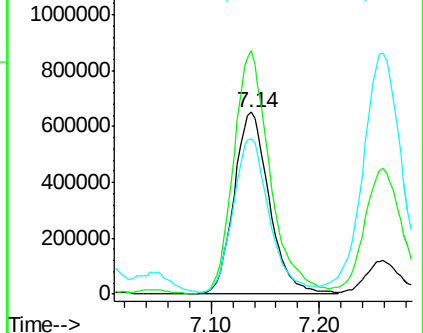
41 86.1 74.3 111.5

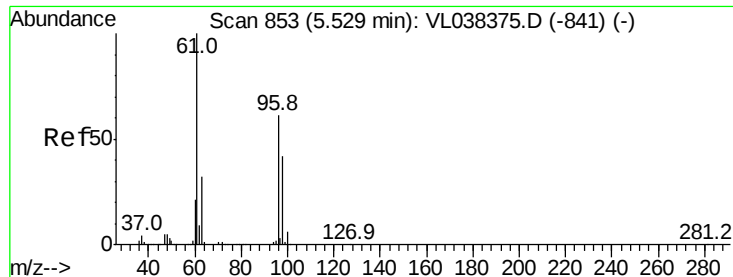


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 1.16 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-1

Acq: 2 Mar 2022 17:51

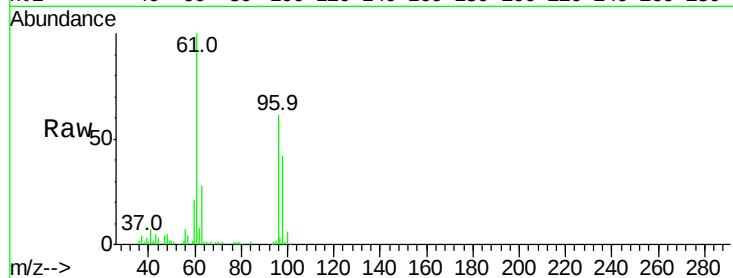
Tgt Ion: 61 Resp: 113892

Ion Ratio Lower Upper

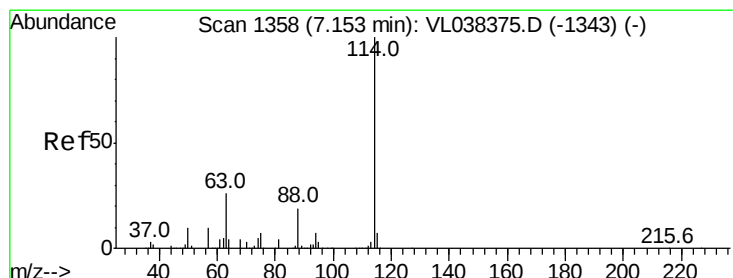
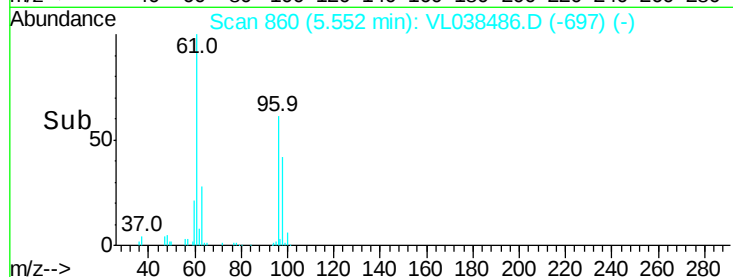
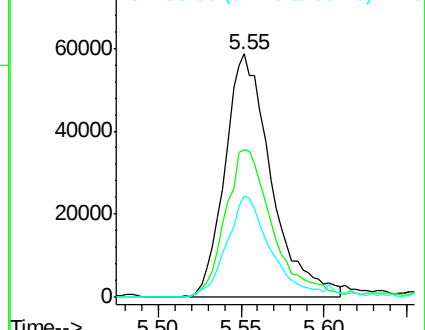
61 100

96 59.6 48.6 73.0

98 41.5 33.2 49.8



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: 10.00 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

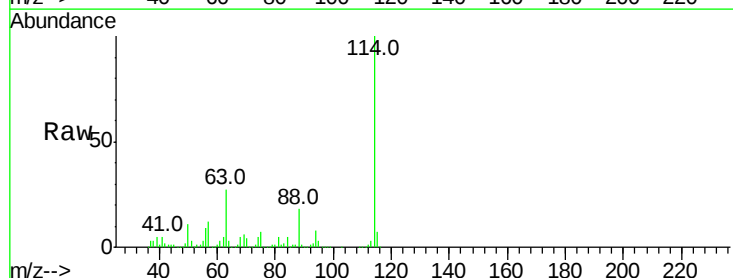
Tgt Ion: 114 Resp: 2395682

Ion Ratio Lower Upper

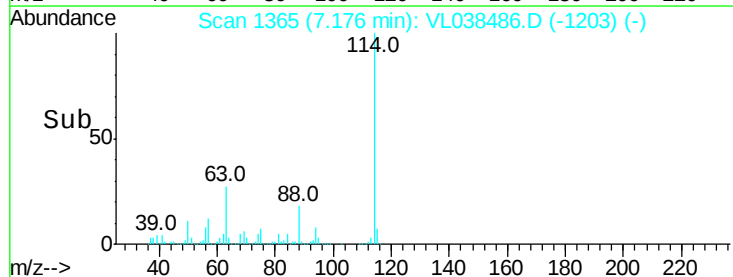
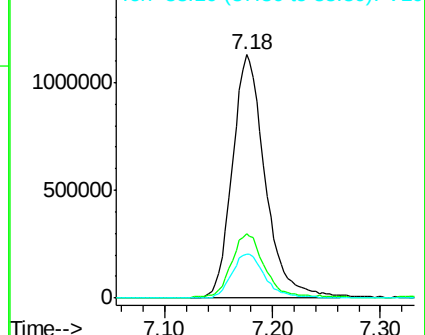
114 100

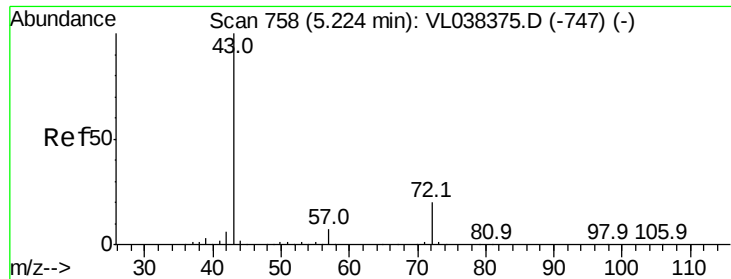
63 27.7 22.2 33.2

88 18.6 15.2 22.8



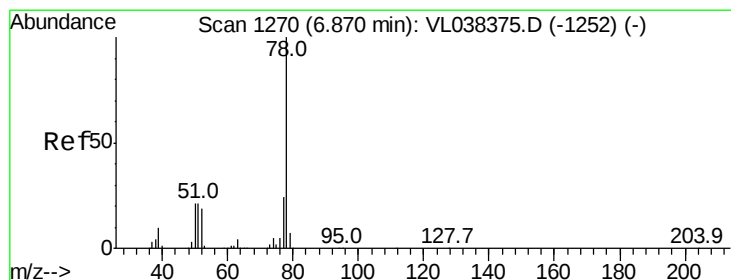
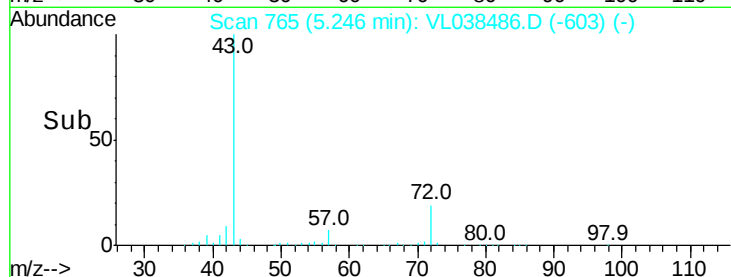
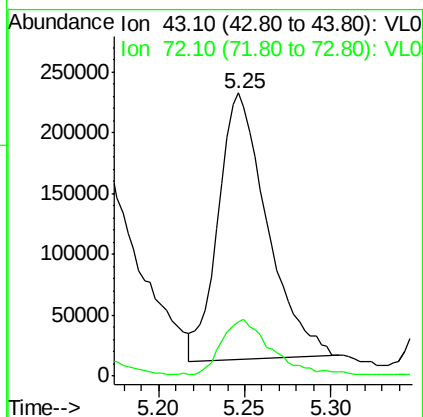
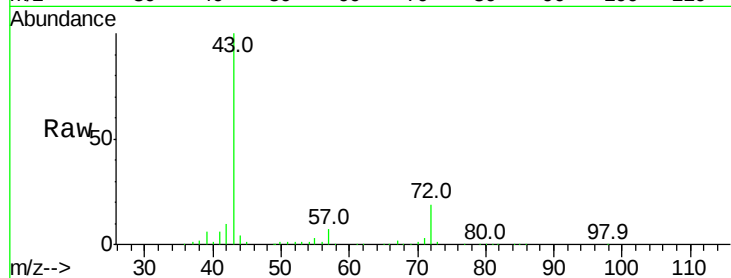
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





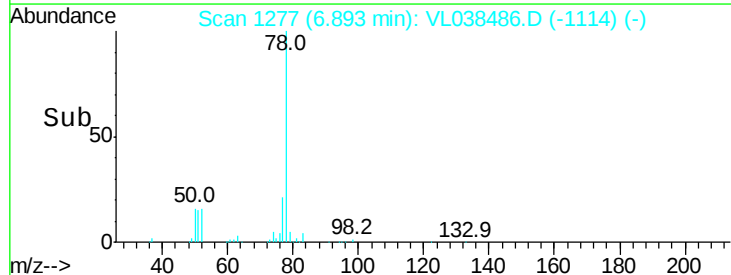
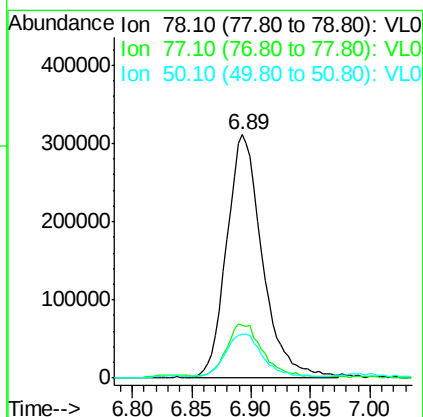
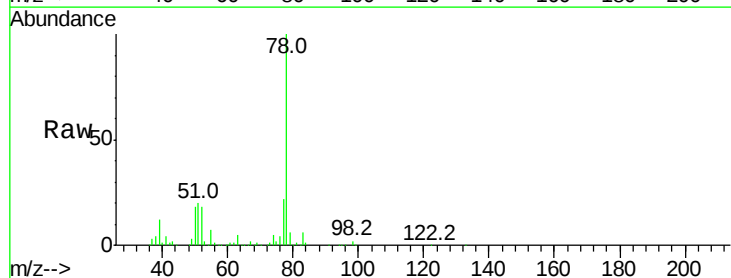
#34
2-Butanone
Concen: 5.77 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 17:51

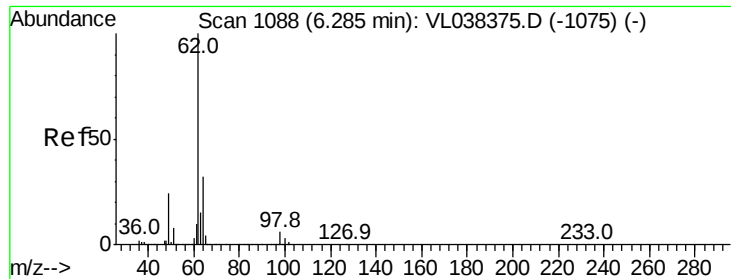
Tgt Ion: 43 Resp: 434406
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.2



#36
Benzene
Concen: 3.05 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL038486.D
Acq: 2 Mar 2022 17:51

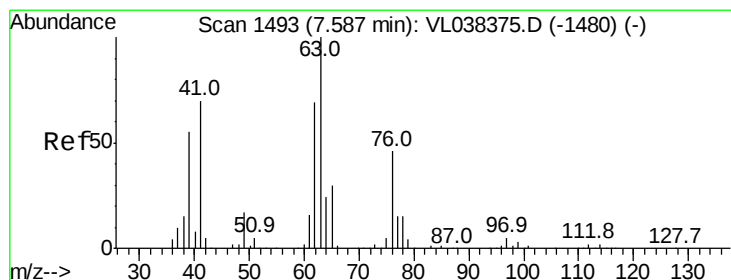
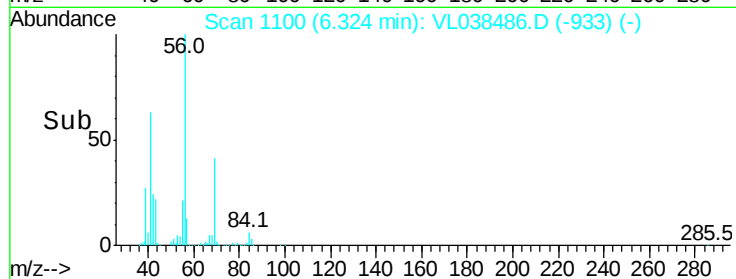
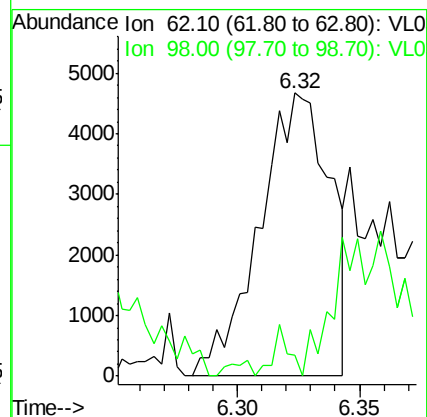
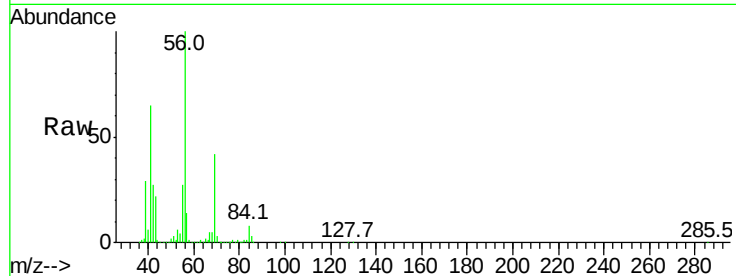
Tgt Ion: 78 Resp: 643211
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.6
50 17.4 16.6 24.8





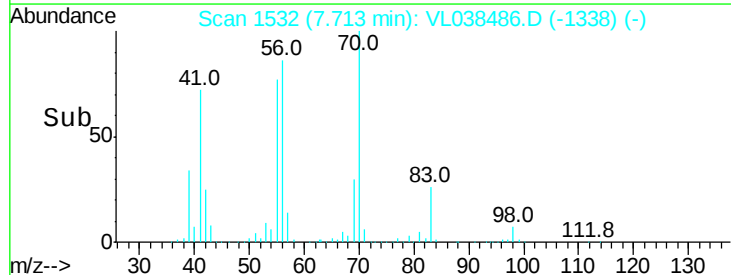
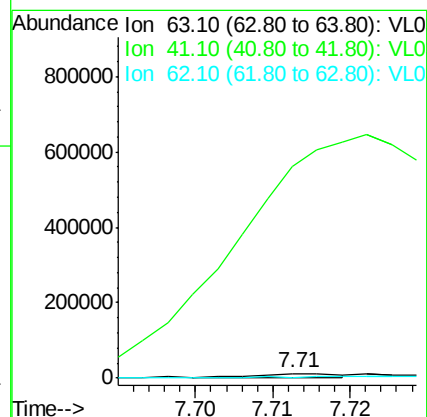
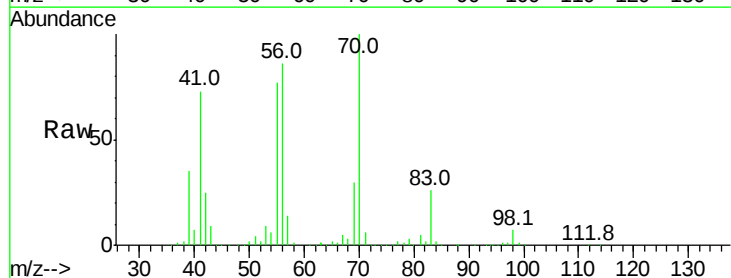
#37
 1,2-Dichloroethane
 Concen: 0.08 ppbv
 RT: 6.32
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 SV-1
 Acq: 2 Mar 2022 17:51

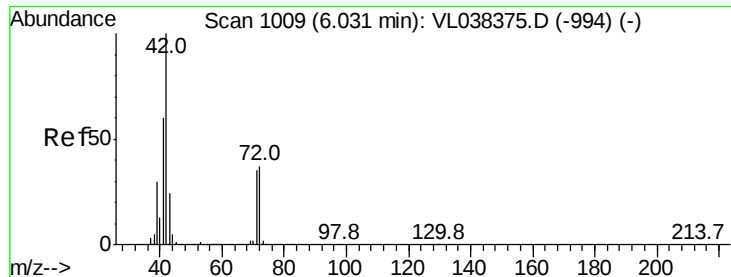
Tgt Ion: 62 Resp: 9402
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.6 7.0#



#39
 1,2-Dichloropropane
 Concen: 0.08 ppbv
 RT: 7.71 min Scan# 1532
 Delta R.T. 0.13 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

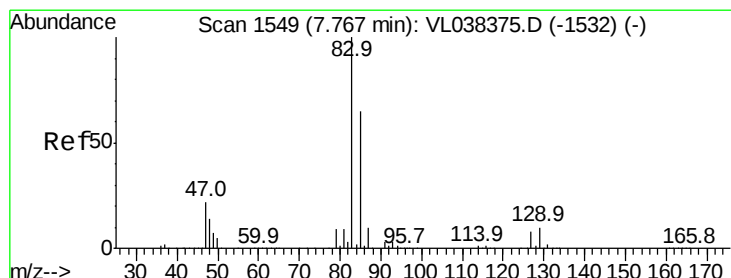
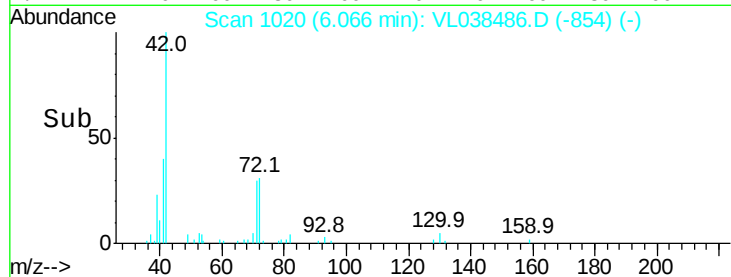
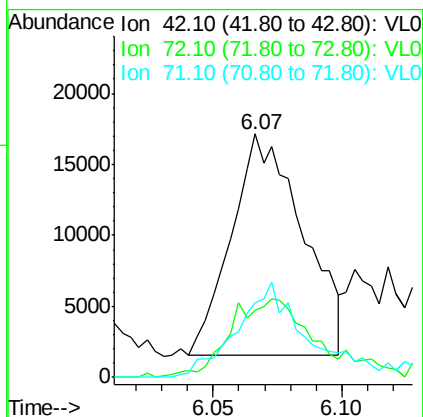
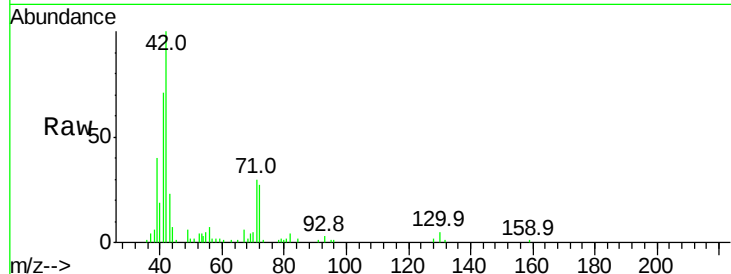
Tgt Ion: 63 Resp: 6538
 Ion Ratio Lower Upper
 63 100
 41 3444.8 56.1 84.1#
 62 15.6 55.5 83.3#





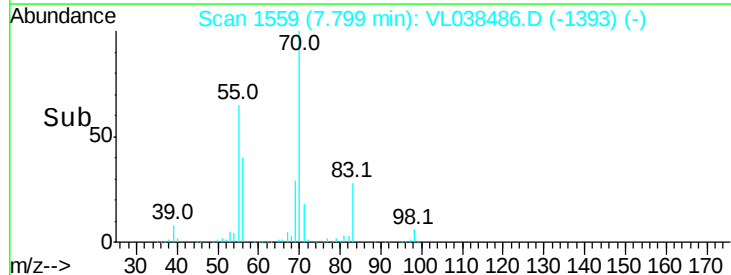
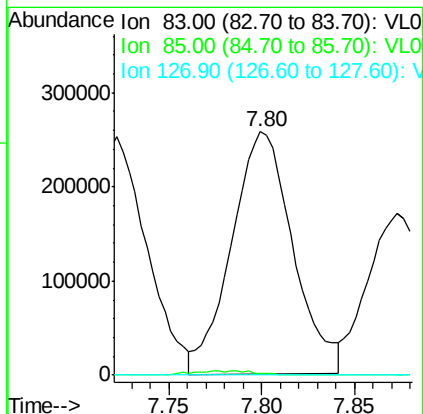
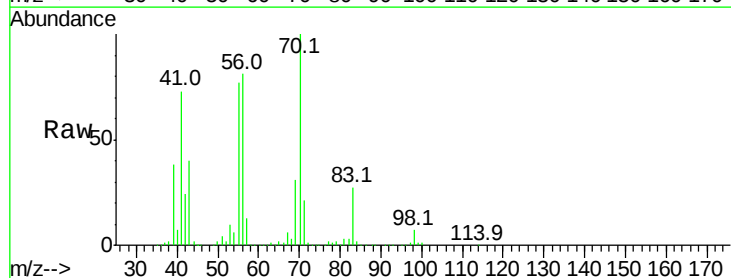
#41
Tetrahydrofuran
Concen: 0.59 ppbv
RT: 6.07
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 17:51

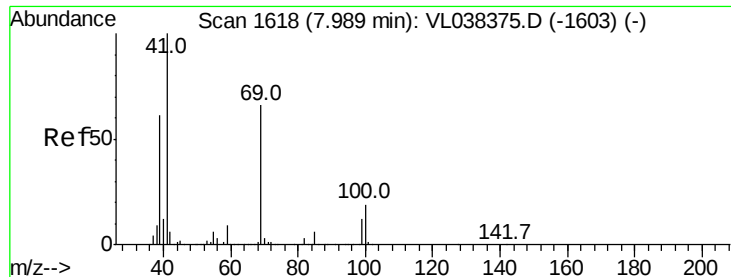
Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	29.9	44.9#
71	45.8	28.6	42.8#



#42
Bromodichloromethane
Concen: 3.36 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.03 min
Lab File: VL038486.D
Acq: 2 Mar 2022 17:51

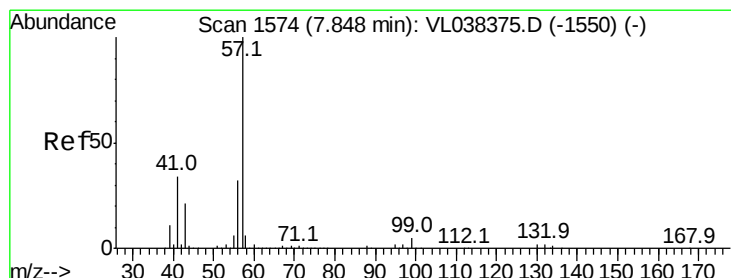
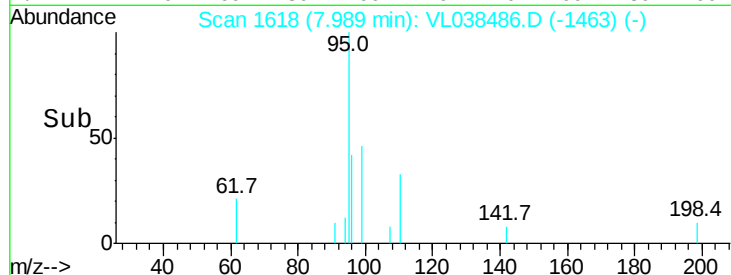
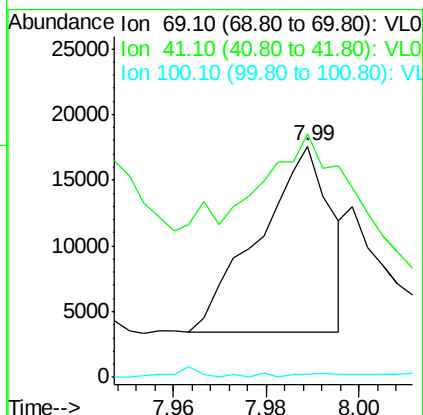
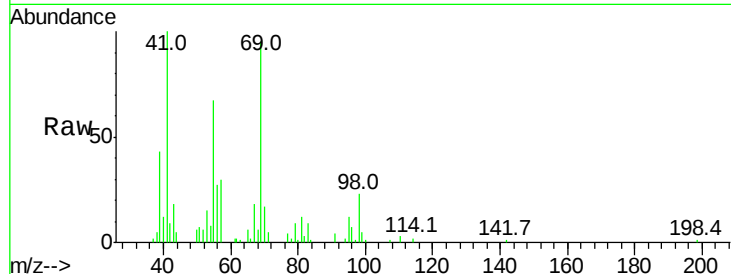
Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.5	52.2	78.4#
127	0.0	6.2	9.4#





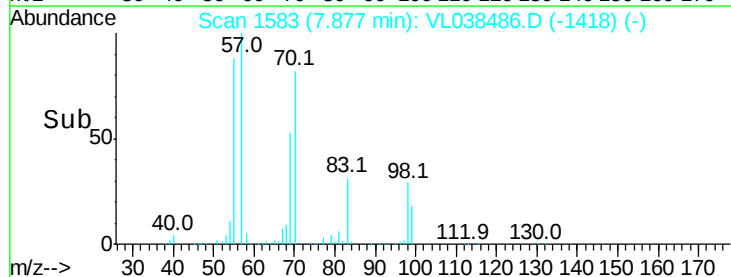
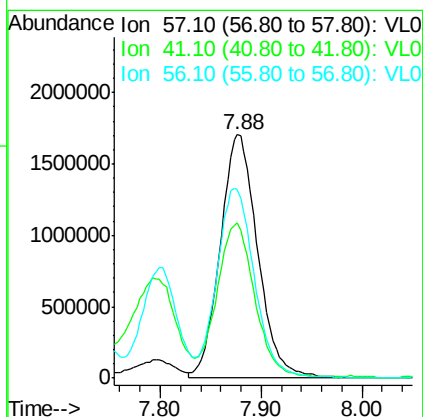
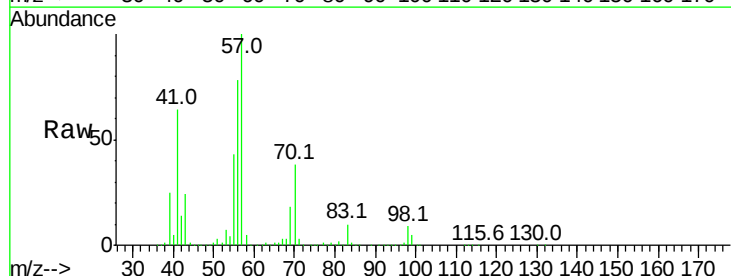
#43
Methyl Methacrylate
Concen: 0.21 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SV-1
Acq: 2 Mar 2022 17:51

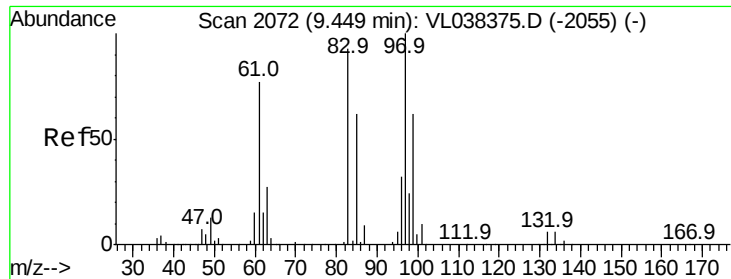
Tgt Ion: 69 Resp: 15262
Ion Ratio Lower Upper
69 100
41 0.0 122.9 184.3#
100 0.0 23.6 35.4#



#44
2,2,4-Trimethylpentane
Concen: 12.06 ppbv
RT: 7.88 min Scan# 1583
Delta R.T.: 0.03 min
Lab File: VL038486.D
Acq: 2 Mar 2022 17:51

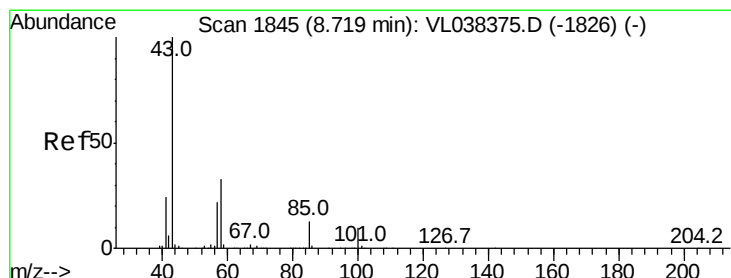
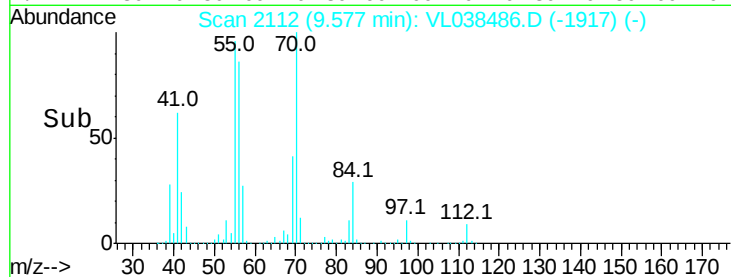
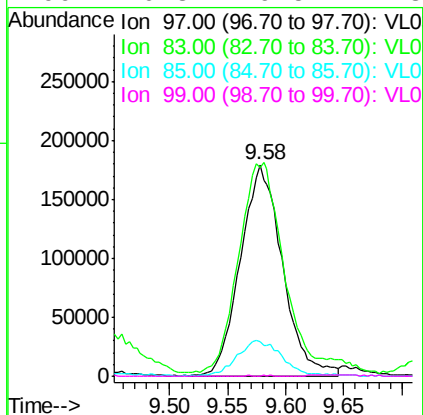
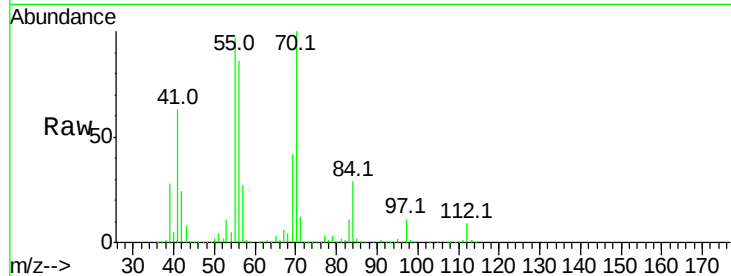
Tgt Ion: 57 Resp: 4371131
Ion Ratio Lower Upper
57 100
41 63.5 26.6 39.8#
56 78.8 25.0 37.6#





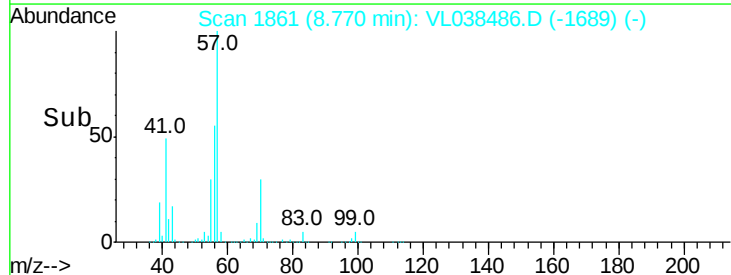
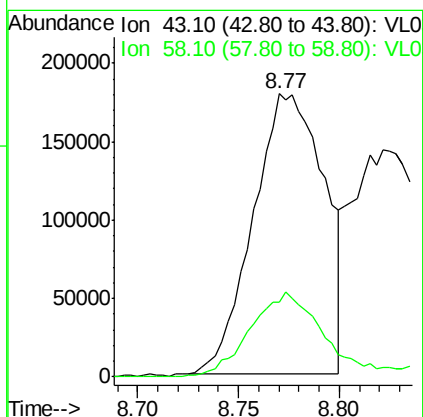
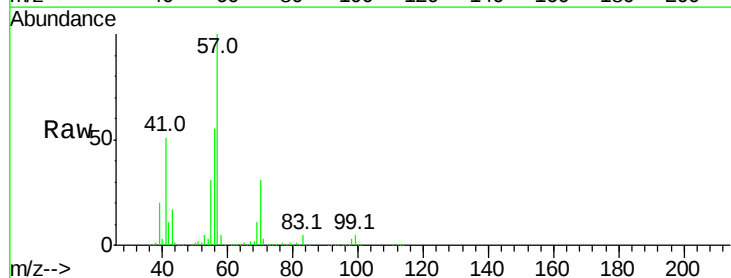
#47
 1,1,2-Trichloroethane
 Concen: 5.36 ppbv
 RT: 9.58
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 SV-1
 Acq: 2 Mar 2022 17:51

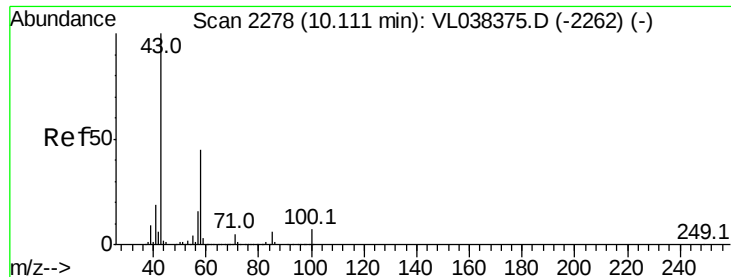
Tgt Ion: 97 Resp: 448294
 Ion Ratio Lower Upper
 97 100
 83 97.2 74.2 111.4
 85 16.0 49.8 74.8#
 99 0.3 49.5 74.3#



#50
 4-Methyl-2-Pentanone
 Concen: 3.29 ppbv
 RT: 8.77 min Scan# 1861
 Delta R.T. 0.05 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

Tgt Ion: 43 Resp: 438682
 Ion Ratio Lower Upper
 43 100
 58 30.9 27.7 41.5





#51

2-Hexanone

Concen: 110.37 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 17:51

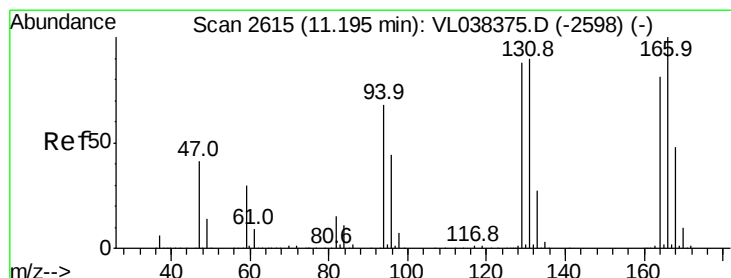
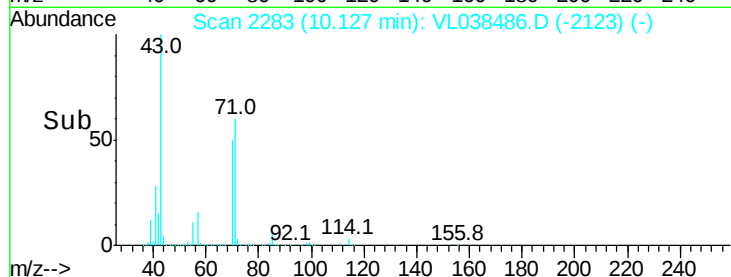
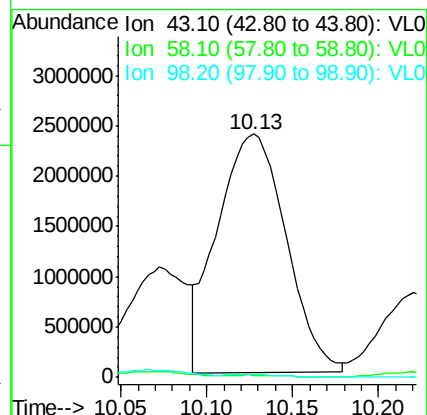
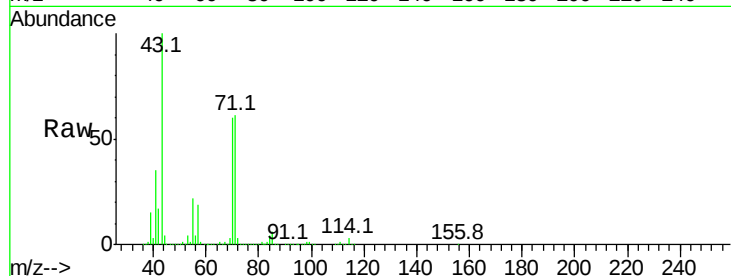
Tgt Ion: 43 Resp: 6582452

Ion Ratio Lower Upper

43 100

58 0.0 37.4 56.0#

98 0.8 0.1 0.1#



#52

Tetrachloroethene

Concen: 0.16 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. 0.04 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

Tgt Ion: 164 Resp: 11492

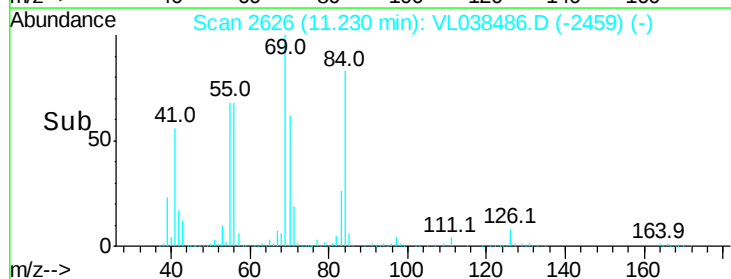
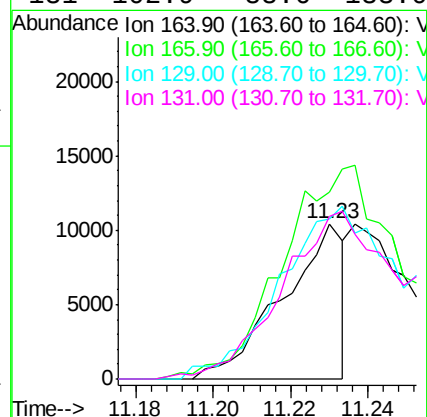
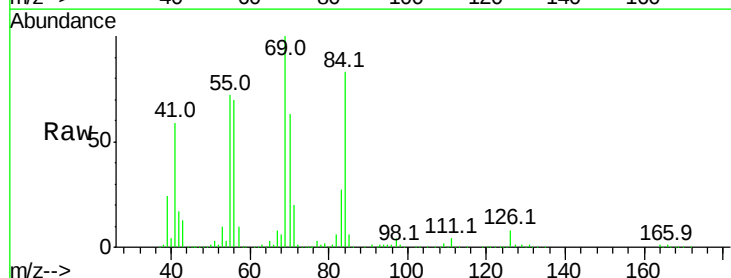
Ion Ratio Lower Upper

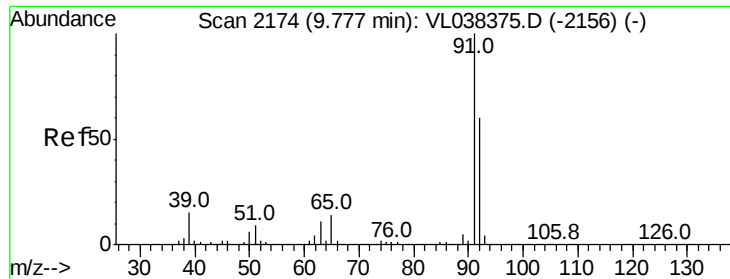
164 100

166 114.6 98.6 148.0

129 92.8 86.9 130.3

131 102.9 88.6 133.0





#53

Toluene

Concen: 0.93 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

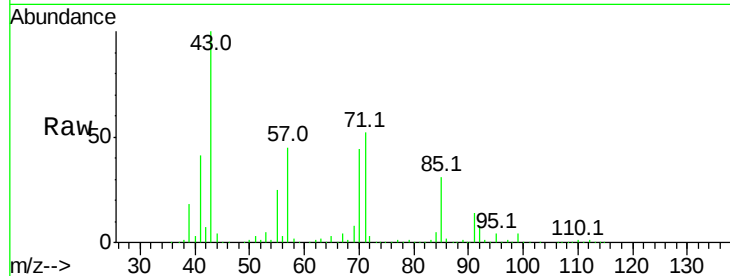
Acq: 2 Mar 2022 17:51

Tgt Ion: 91 Resp: 212278

Ion Ratio Lower Upper

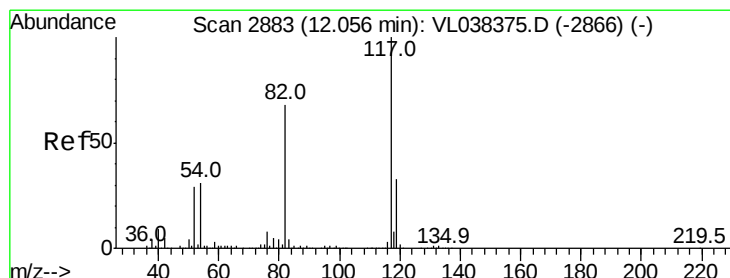
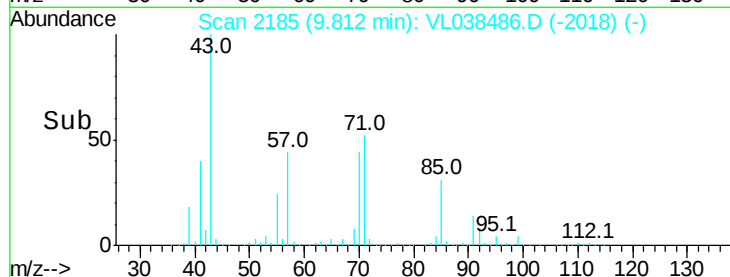
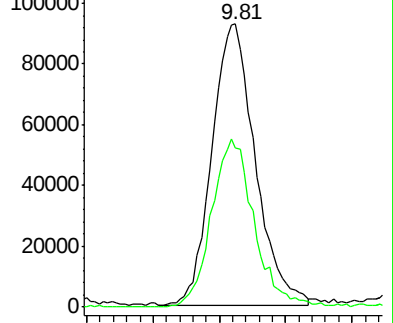
91 100

92 58.9 48.2 72.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2895

Delta R.T. 0.04 min

Lab File: VL038486.D

Acq: 2 Mar 2022 17:51

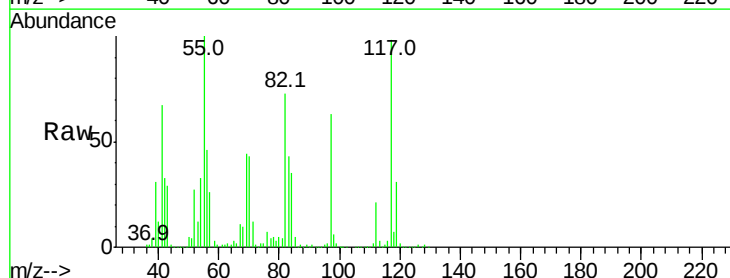
Tgt Ion: 117 Resp: 2161677

Ion Ratio Lower Upper

117 100

82 88.4 54.9 82.3#

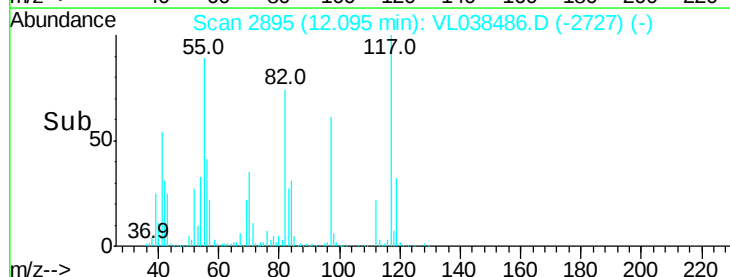
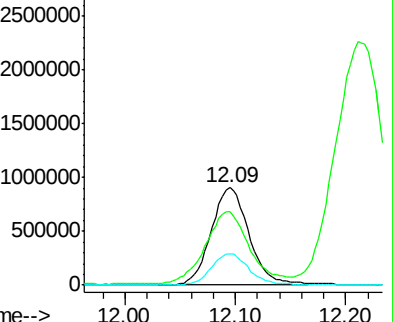
119 33.0 46.1 69.1#

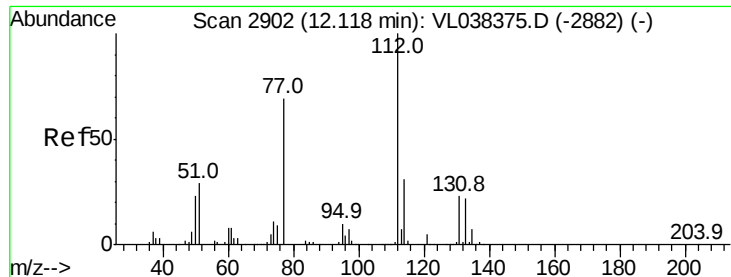


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#57

Chlorobenzene

Concen: 19.16 ppbv

RT: 12.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 17:51

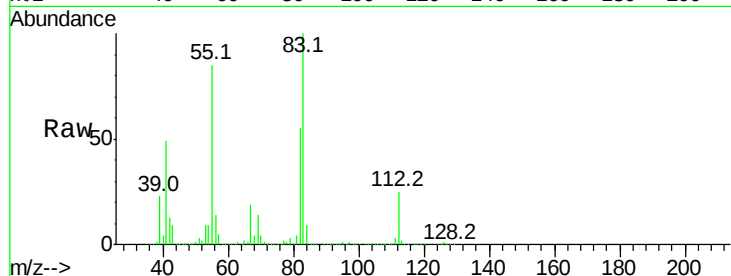
Tgt Ion: 112 Resp: 3194975

Ion Ratio Lower Upper

112 100

77 7.5 55.2 82.8#

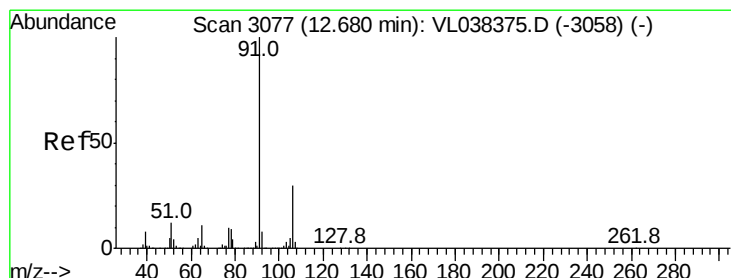
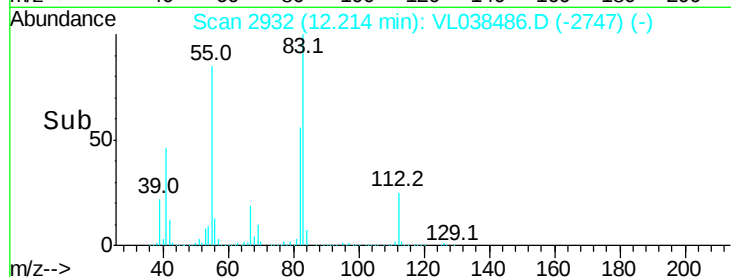
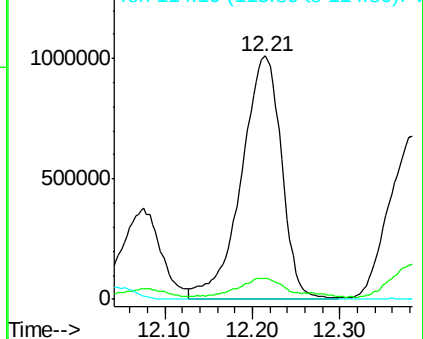
114 0.3 27.9 34.1#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.57 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. 0.04 min

Lab File: VL038486.D

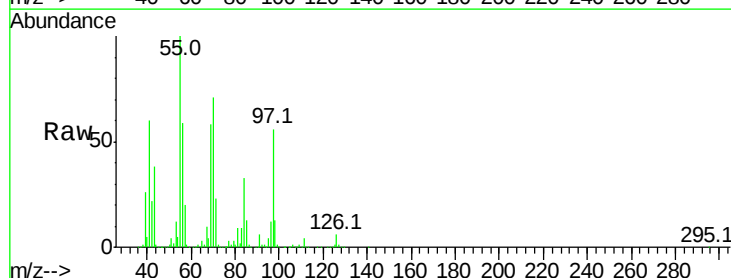
Acq: 2 Mar 2022 17:51

Tgt Ion: 91 Resp: 169272

Ion Ratio Lower Upper

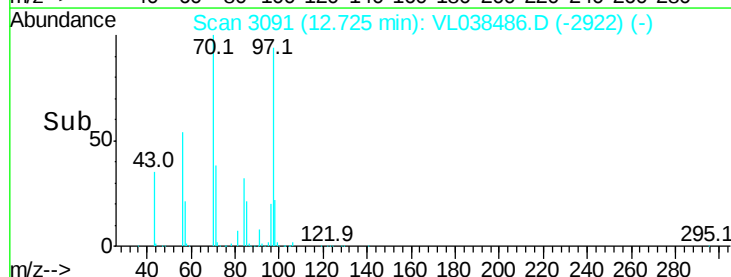
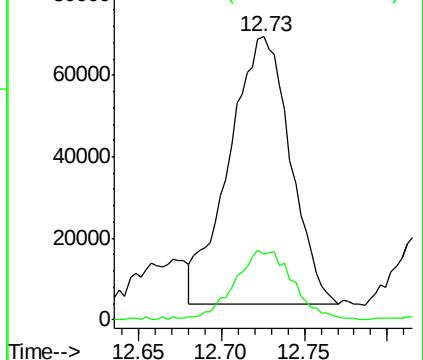
91 100

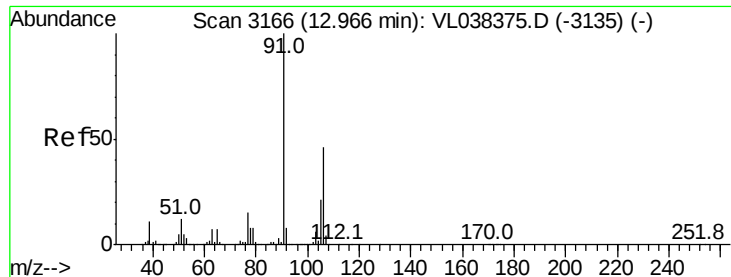
106 23.9 24.0 36.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

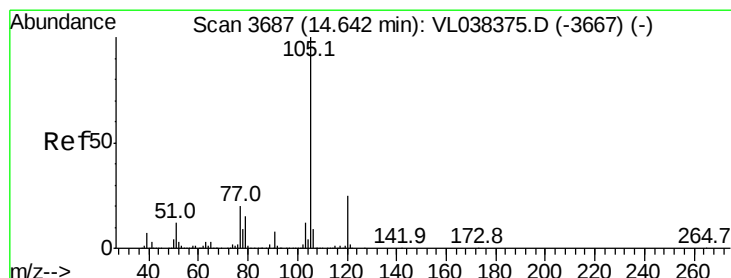
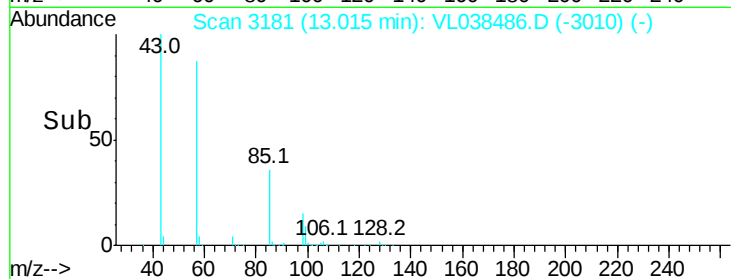
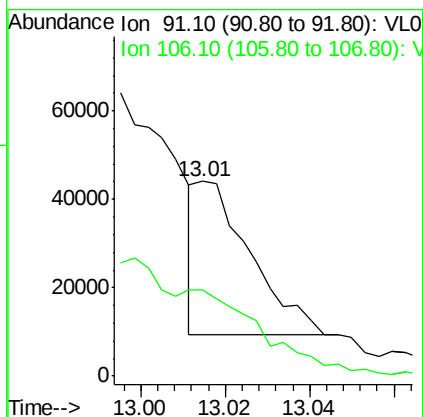
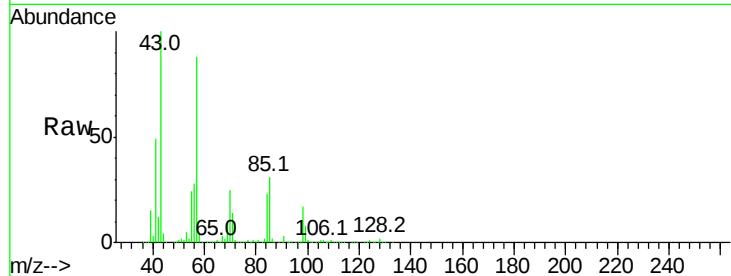
Ion 106.10 (105.80 to 106.80): V





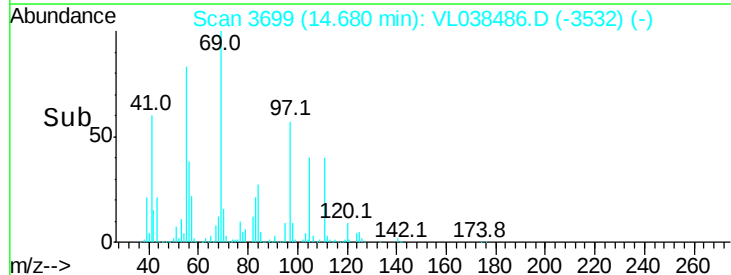
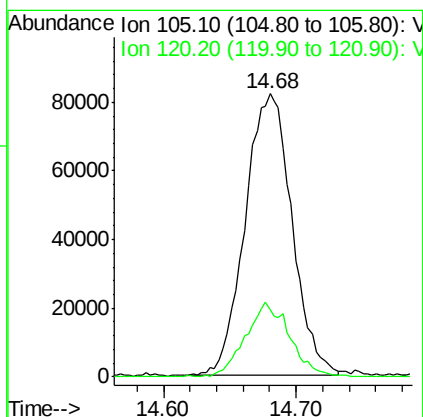
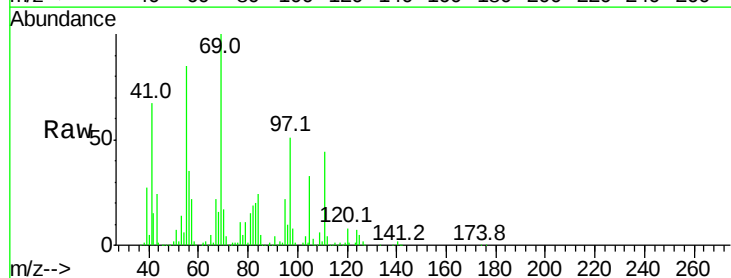
#59
m/p-Xylene
Concen: 0.12 ppbv
RT: 13.01 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId : SV-1
Acq: 2 Mar 2022 17:51

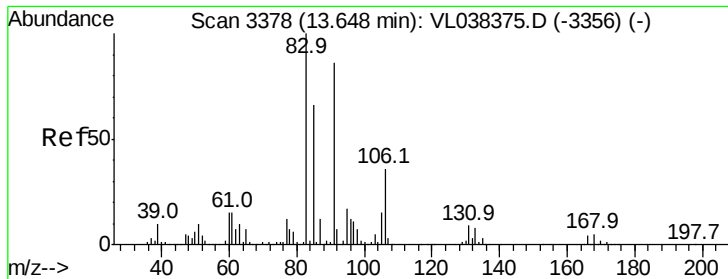
Tgt Ion: 91 Resp: 30562
Ion Ratio Lower Upper
91 100
106 0.0 34.4 51.6#



#62
Isopropylbenzene
Concen: 0.63 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.04 min
Lab File: VL038486.D
Acq: 2 Mar 2022 17:51

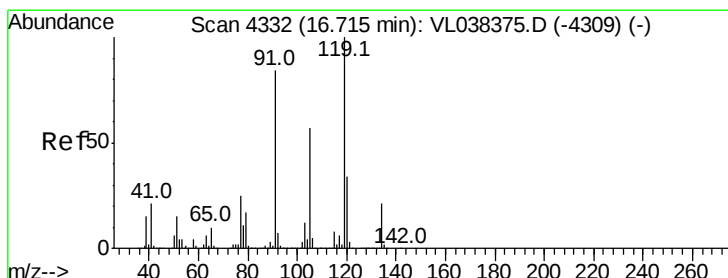
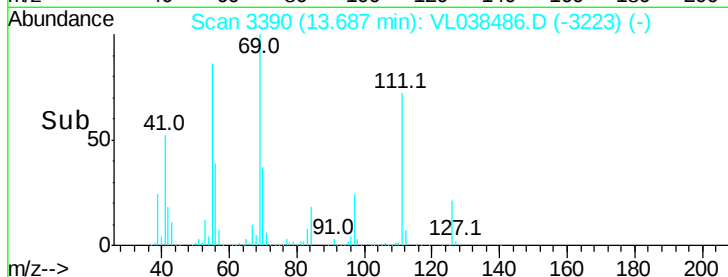
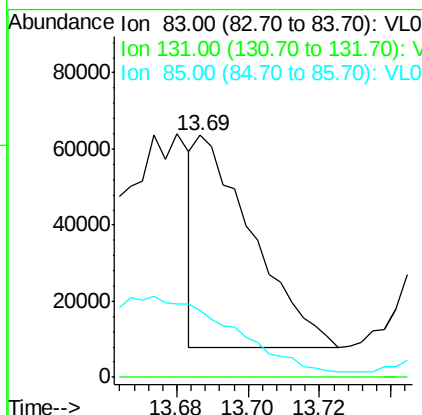
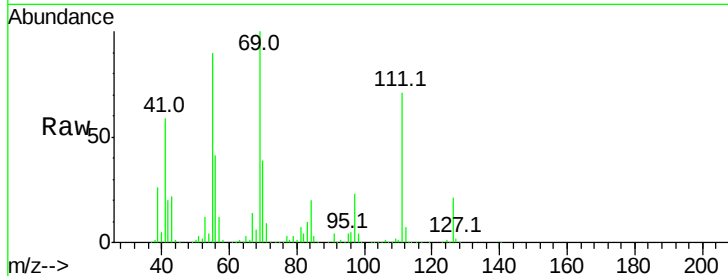
Tgt Ion: 105 Resp: 201561
Ion Ratio Lower Upper
105 100
120 24.9 20.6 30.8





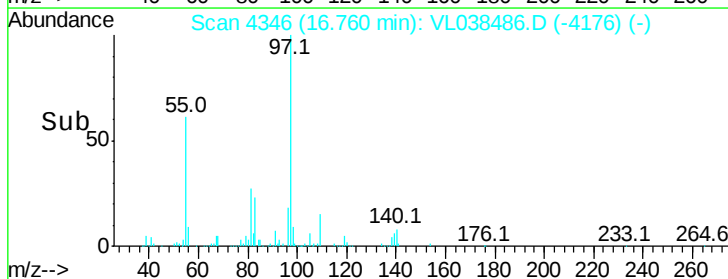
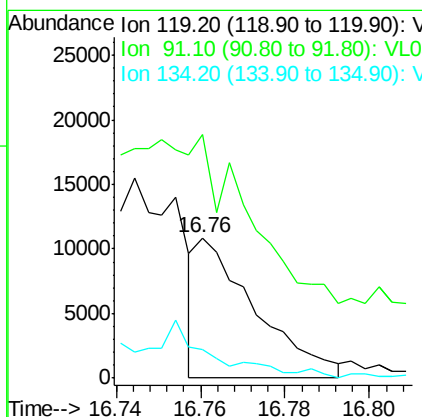
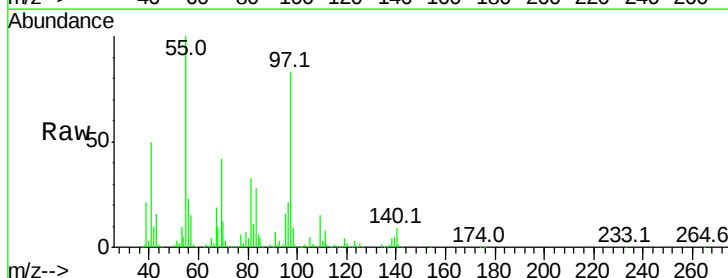
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.31 ppbv
 RT: 13.69
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 SV-1
 Acq: 2 Mar 2022 17:51

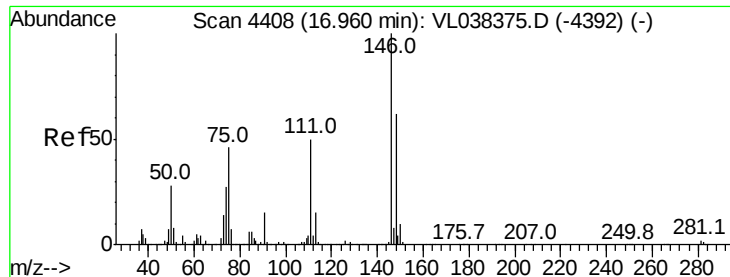
Tgt Ion: 83 Resp: 61199
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 33.0 99.0#



#65
 tert-Butylbenzene
 Concen: 0.04 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.05 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

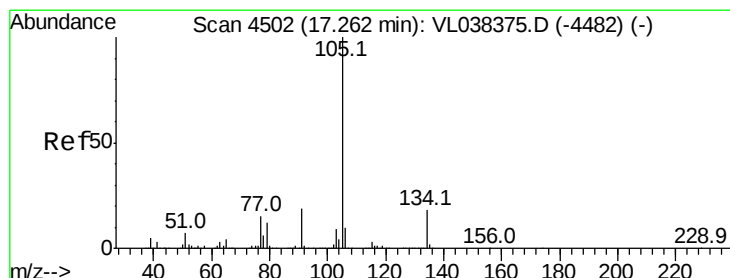
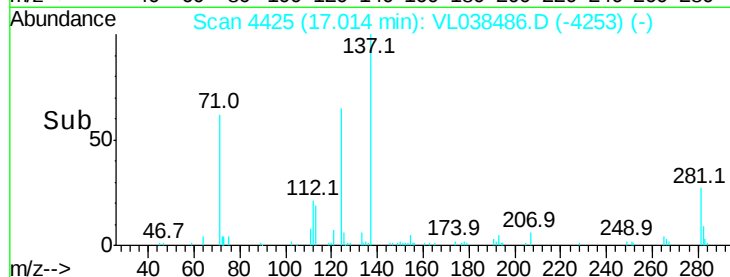
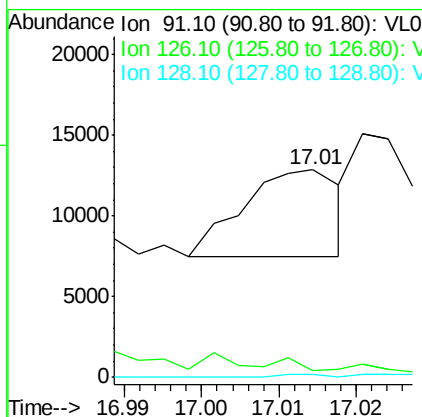
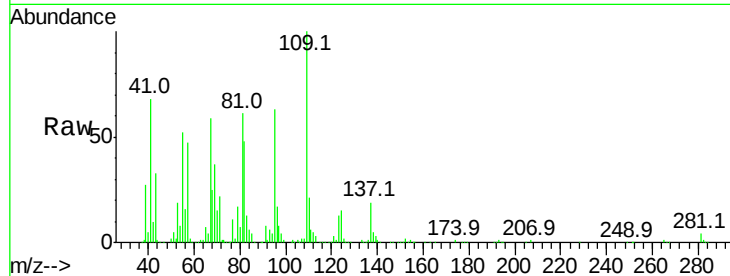
Tgt Ion: 119 Resp: 10462
 Ion Ratio Lower Upper
 119 100
 91 321.0 68.0 102.0#
 134 0.0 15.8 23.8#





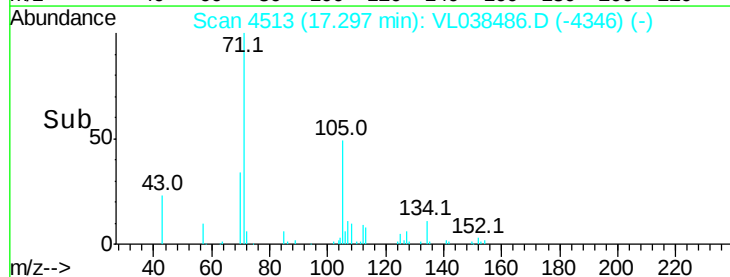
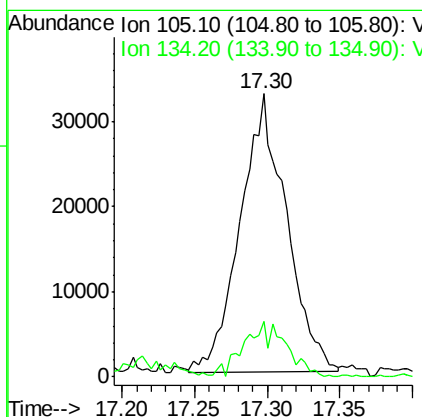
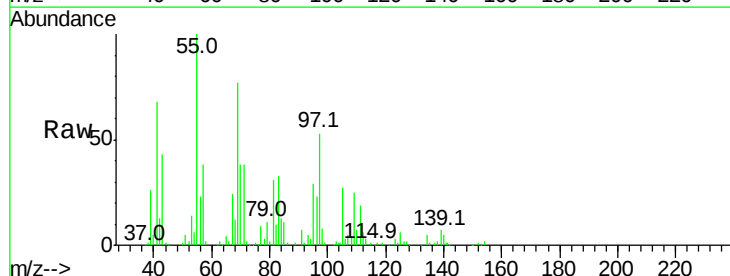
#66
Benzyl Chloride
Concen: 0.31 ppbv
RT: 17.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SV-1
Acq: 2 Mar 2022 17:51

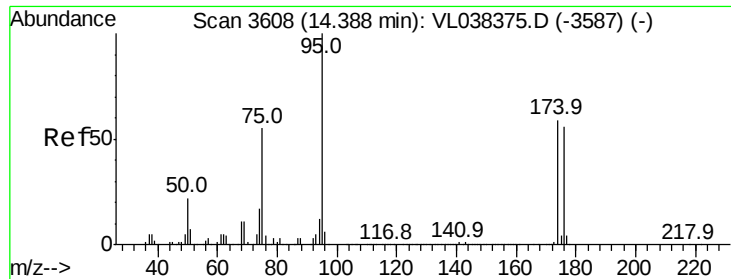
Tgt Ion: 91 Resp: 4701
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.2 6.4#



#67
sec-Butylbenzene
Concen: 0.18 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. 0.04 min
Lab File: VL038486.D
Acq: 2 Mar 2022 17:51

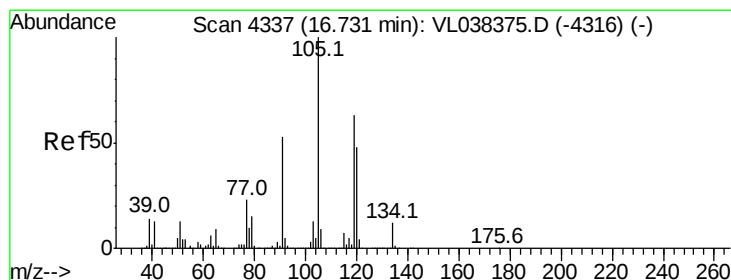
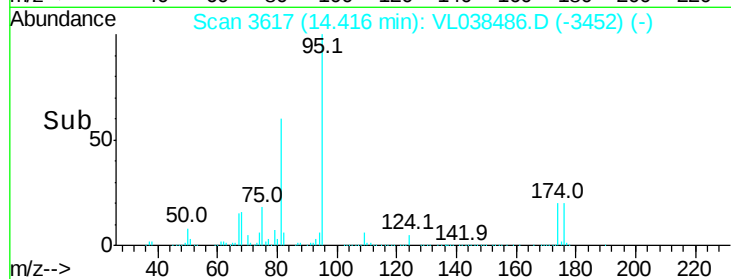
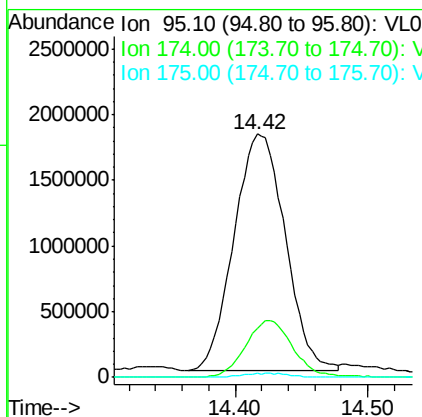
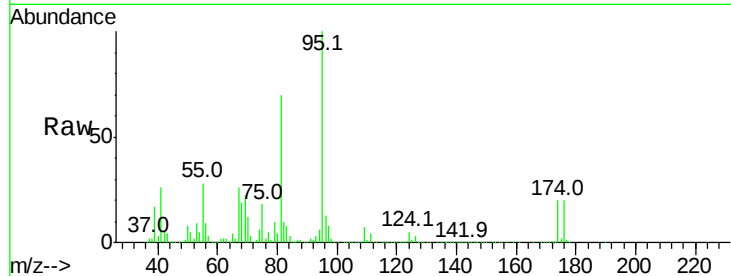
Tgt Ion: 105 Resp: 72435
Ion Ratio Lower Upper
105 100
134 18.4 14.6 21.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 27.21 ppbv
 RT: 14.42
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : SV-1
 Acq: 2 Mar 2022 17:51

Tgt Ion: 95 Resp: 4867092
 Ion Ratio Lower Upper
 95 100
 174 22.9 49.0 73.4#
 175 1.7 3.6 5.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.05 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. 0.04 min
 Lab File: VL038486.D
 Acq: 2 Mar 2022 17:51

Tgt Ion: 105 Resp: 13877
 Ion Ratio Lower Upper
 105 100
 120 56.5 38.2 57.4
 91 47.7 42.7 64.1
 77 9.2 18.5 27.7#

