

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041122\
 Data File : VL038881.D
 Acq On : 11 Apr 2022 22:18
 Operator : SY/AP
 Sample : N2332-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-4

Quant Time: Apr 12 02:52:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1167035	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3137362	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2877940	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2315159	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds

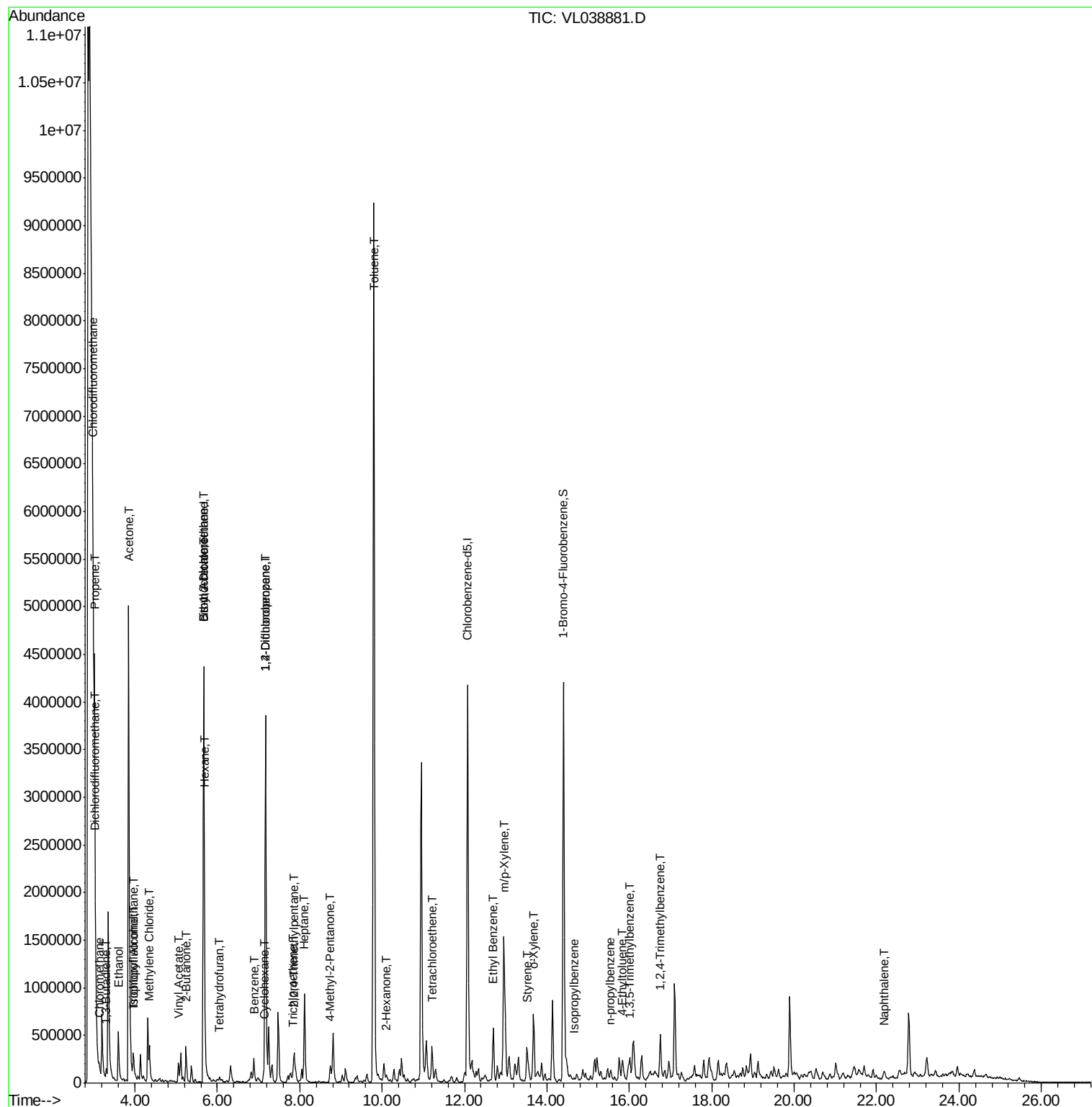
					Ovalue
2) Dichlorodifluoromethane	3.04	85	91701	0.554	ppbv 96
3) Chlorodifluoromethane	2.98	51	50436	0.354	ppbv 95
4) Chloromethane	3.13	50	44782	0.607	ppbv 99
9) Propene	3.02	41	740937	9.833	ppbv # 63
10) Heptane	8.11	43	471947	2.486	ppbv 100
11) Trichlorofluoromethane	3.95	101	20669	0.155	ppbv 98
13) Ethanol	3.60	45	613211	133.905	ppbv # 100
15) Acetone	3.85	43	5779817	49.745	ppbv 99
16) 1,3-Butadiene	3.30	39	34356	0.517	ppbv # 58
19) Isopropyl Alcohol	3.96	45	273784	4.610	ppbv # 100
20) Methylene Chloride	4.35	84	103440	2.455	ppbv 94
23) Vinyl Acetate	5.06	43	111740	0.988	ppbv # 35
25) Ethyl Acetate	5.66	43	2747139	9.318	ppbv # 92
26) Hexane	5.69	57	221950	1.654	ppbv # 1
30) Cyclohexane	7.13	84	44108	0.373	ppbv 86
31) cis-1,2-Dichloroethene	5.67	61	329470	2.670	ppbv # 23
34) 2-Butanone	5.24	43	455972	3.678	ppbv 95
36) Benzene	6.89	78	197862	0.693	ppbv 94
38) Trichloroethene	7.83	130	4700	0.040	ppbv # 44
39) 1,2-Dichloropropane	7.17	63	751679	6.886	ppbv # 26
41) Tetrahydrofuran	6.05	42	27854	0.237	ppbv # 75
44) 2,2,4-Trimethylpentane	7.86	57	266795	0.552	ppbv # 48
50) 4-Methyl-2-Pentanone	8.74	43	133955	0.480	ppbv 96
51) 2-Hexanone	10.10	43	20855	0.099	ppbv # 89
52) Tetrachloroethene	11.22	164	87035	0.873	ppbv 98
53) Toluene	9.80	91	8073065	24.503	ppbv 98
58) Ethyl Benzene	12.70	91	547579	1.273	ppbv 90
59) m/p-Xylene	12.95	91	1703681	4.715	ppbv 99
60) o-Xylene	13.68	91	574449	1.699	ppbv 94
61) Styrene	13.52	104	194066	0.942	ppbv 99
62) Isopropylbenzene	14.65	105	24766	0.049	ppbv 97
64) n-propylbenzene	15.55	120	6282	0.048	ppbv # 1
72) 4-Ethyltoluene	15.83	105	91516	0.227	ppbv # 94
73) 1,3,5-Trimethylbenzene	15.99	105	56218	0.155	ppbv 96
74) 1,2,4-Trimethylbenzene	16.75	105	285951	0.746	ppbv # 69
79) Naphthalene	22.18	128	9763	0.034	ppbv # 83

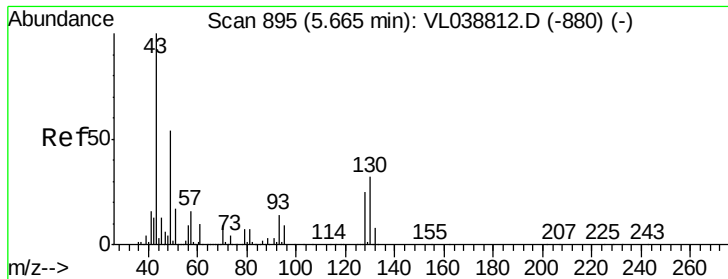
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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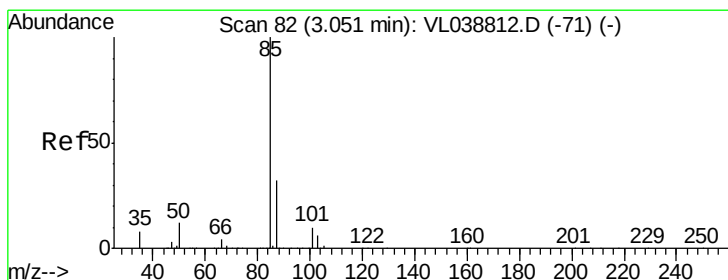
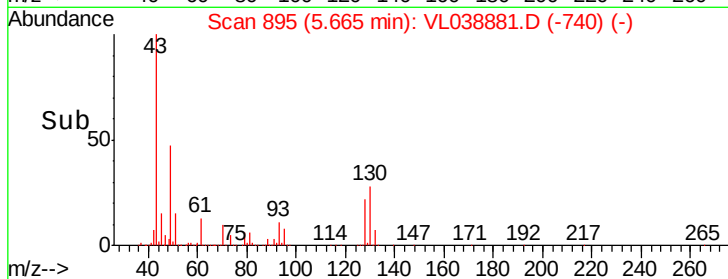
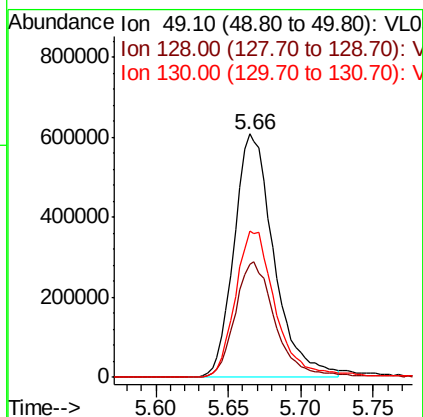
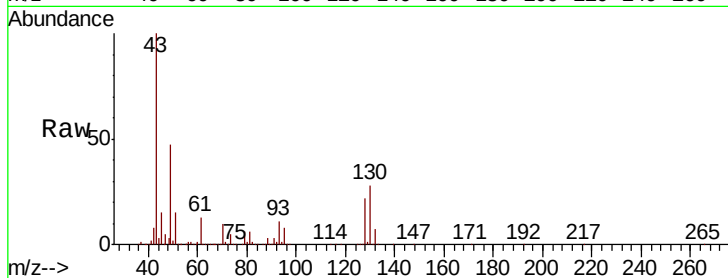
Quant Time: Apr 12 02:52:36 2022
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
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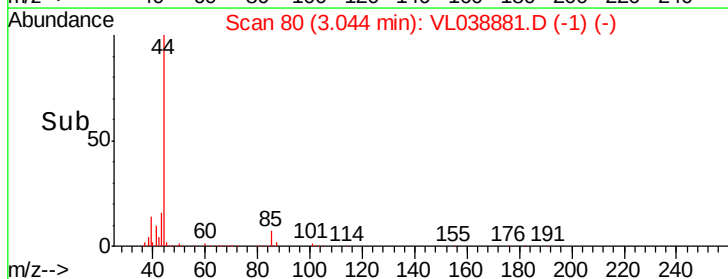
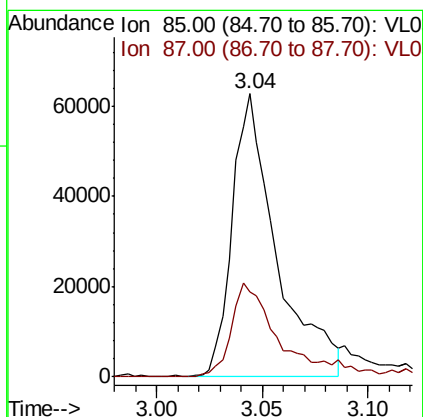
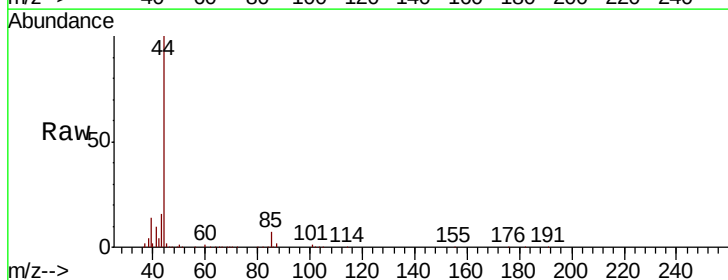
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 22:18

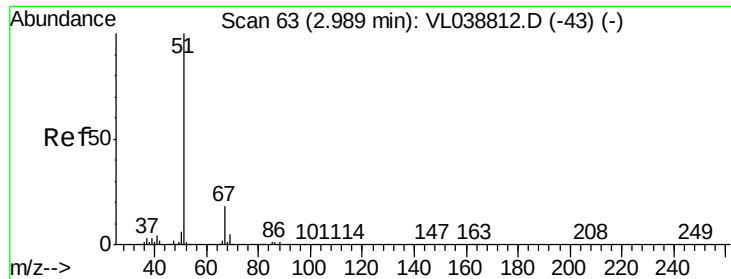
Tot Ion: 49 Resp: 1167035
 Ion Ratio Lower Upper
 49 100
 128 48.7 24.1 72.3
 130 62.4 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 0.554 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: VL038881.D
 Acq: 11 Apr 2022 22:18

Tgt Ion: 85 Resp: 91701
 Ion Ratio Lower Upper
 85 100
 87 30.0 25.9 38.9





#3

Chlorodifluoromethane

Concen: 0.354 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

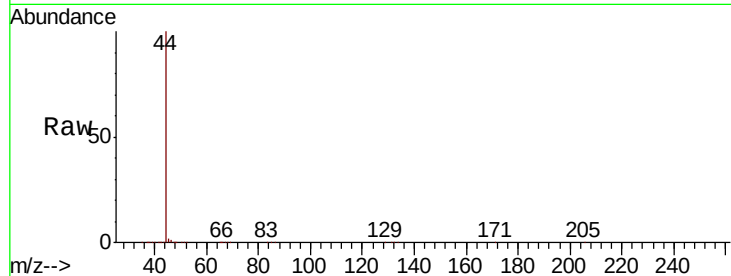
Acq: 11 Apr 2022 22:18

Tot Ion: 51 Resp: 50436

Ion Ratio Lower Upper

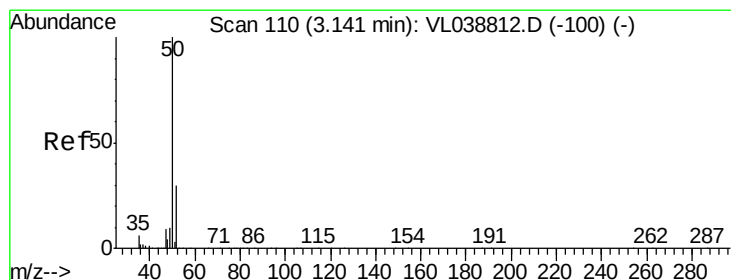
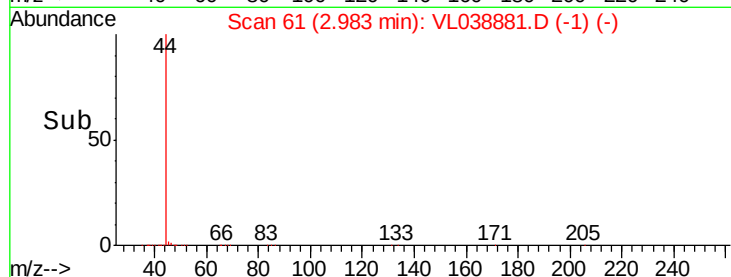
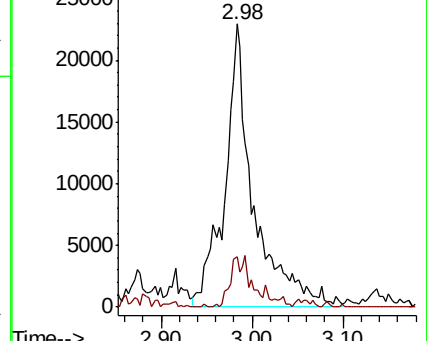
51 100

67 14.6 13.4 20.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.607 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL038881.D

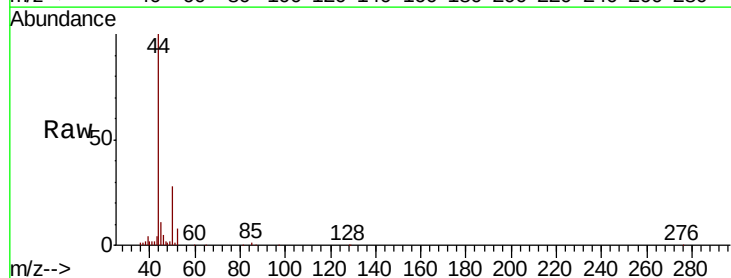
Acq: 11 Apr 2022 22:18

Tgt Ion: 50 Resp: 44782

Ion Ratio Lower Upper

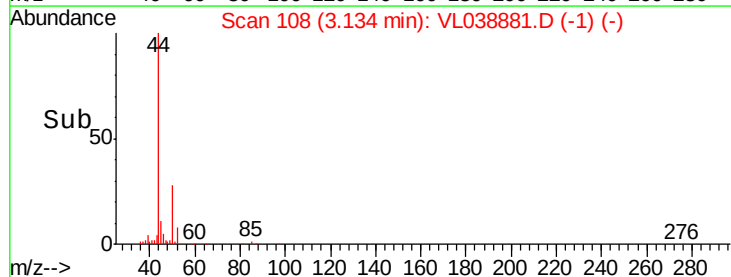
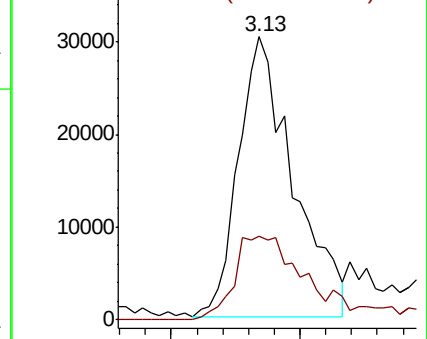
50 100

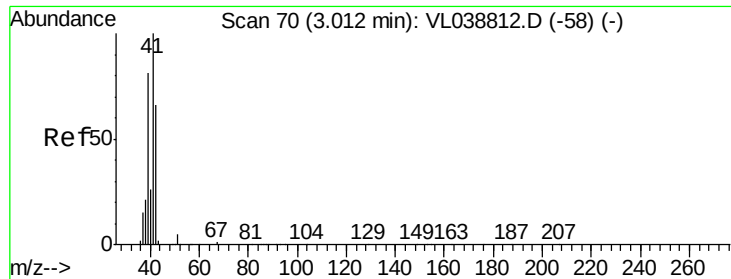
52 29.7 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 9.833 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

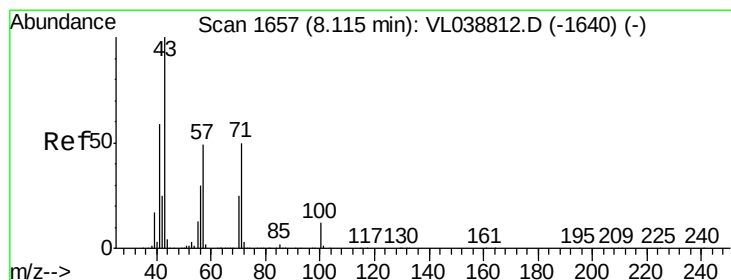
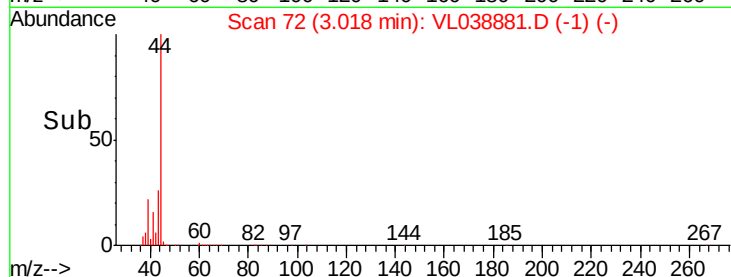
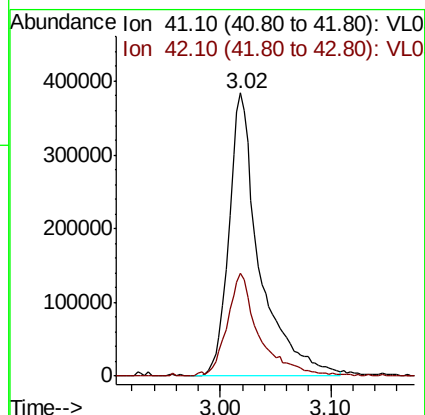
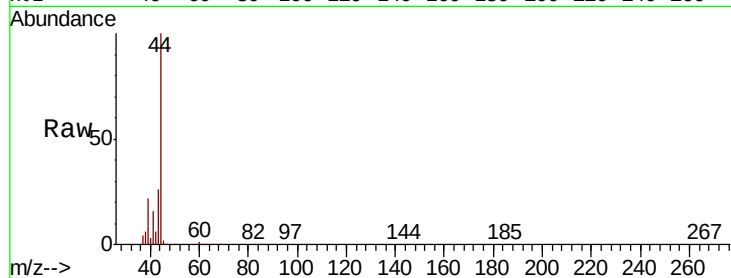
Acq: 11 Apr 2022 22:18

Tot Ion: 41 Resp: 740937

Ion Ratio Lower Upper

41 100

42 38.3 54.2 81.4#



#10

Heptane

Concen: 2.486 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL038881.D

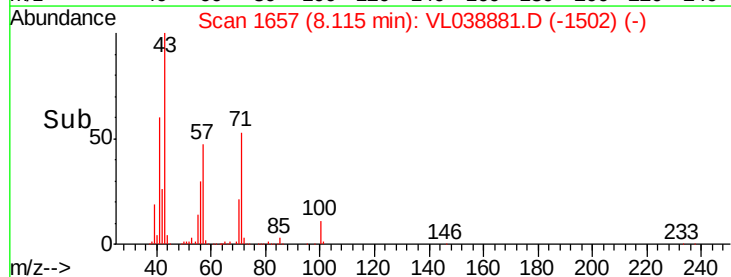
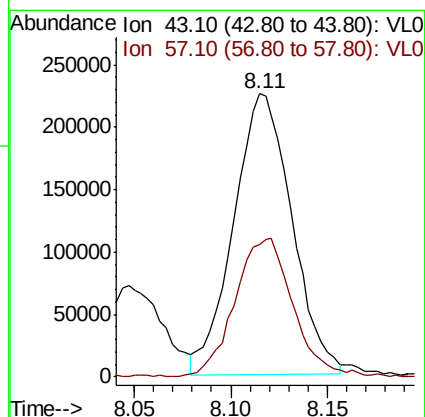
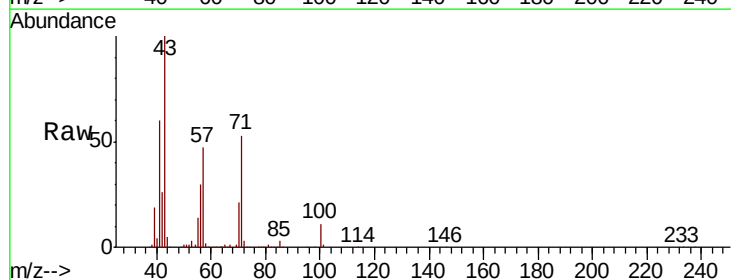
Acq: 11 Apr 2022 22:18

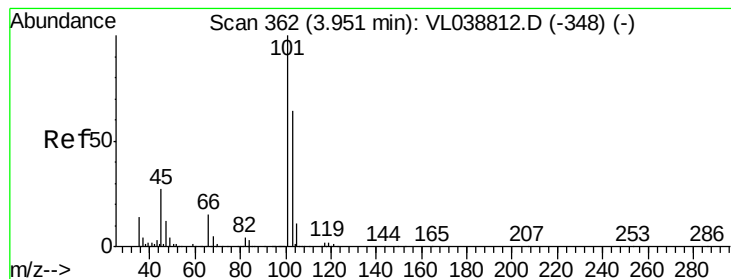
Tgt Ion: 43 Resp: 471947

Ion Ratio Lower Upper

43 100

57 49.3 39.3 58.9





#11

Trichlorofluoromethane

Concen: 0.155 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

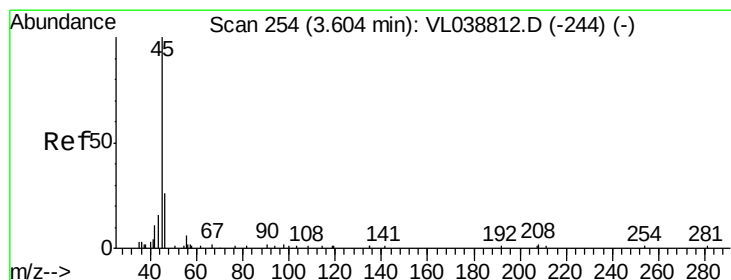
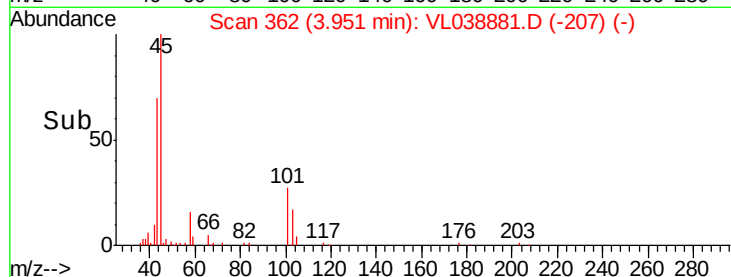
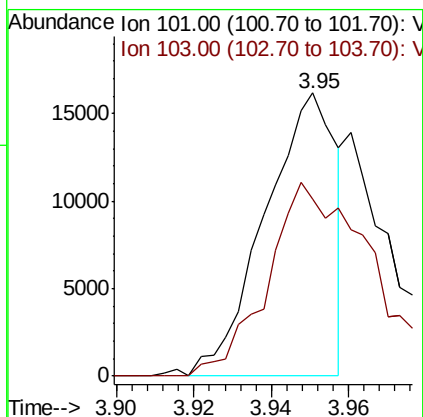
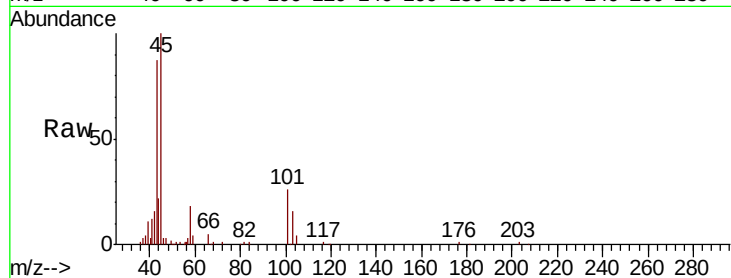
Acq: 11 Apr 2022 22:18

Tot Ion: 101 Resp: 20669

Ion Ratio Lower Upper

101 100

103 62.6 51.4 77.0



#13

Ethanol

Concen: 133.905 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL038881.D

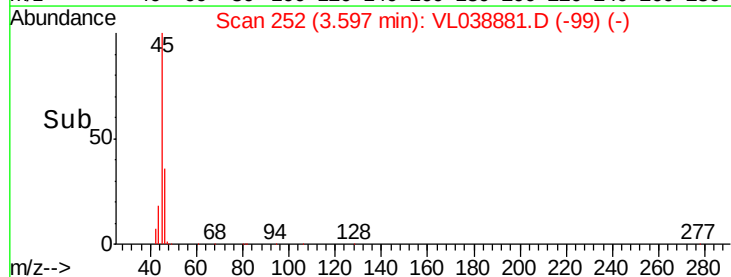
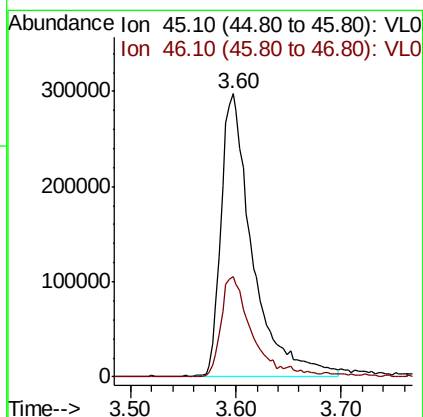
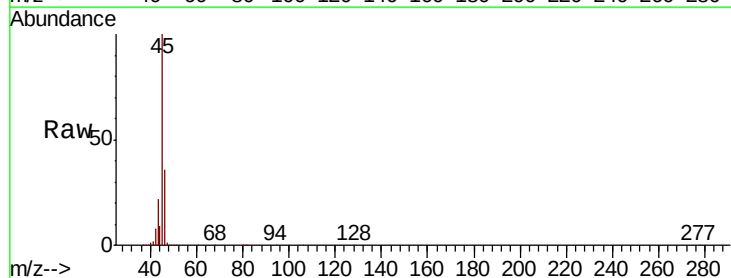
Acq: 11 Apr 2022 22:18

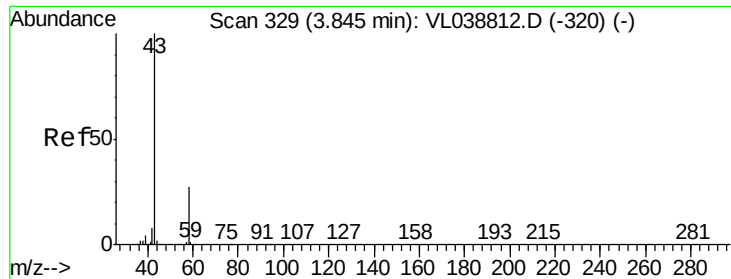
Tgt Ion: 45 Resp: 613211

Ion Ratio Lower Upper

45 100

46 36.5 0.0 0.0#





#15

Acetone

Concen: 49.745 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

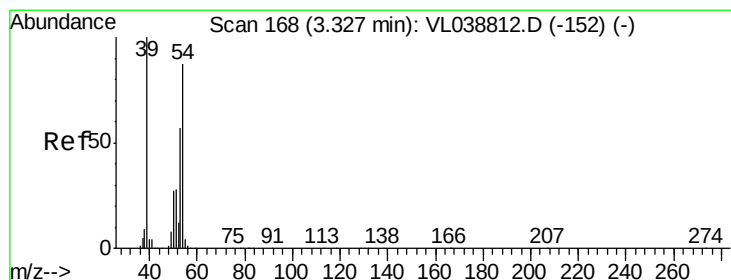
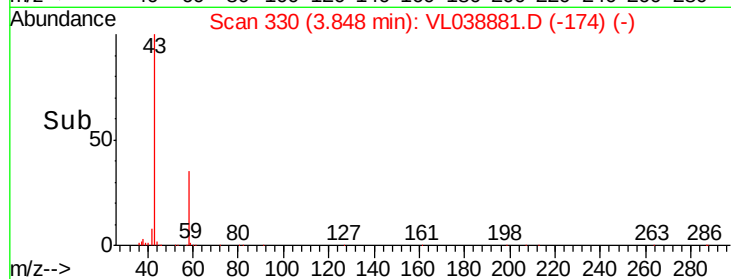
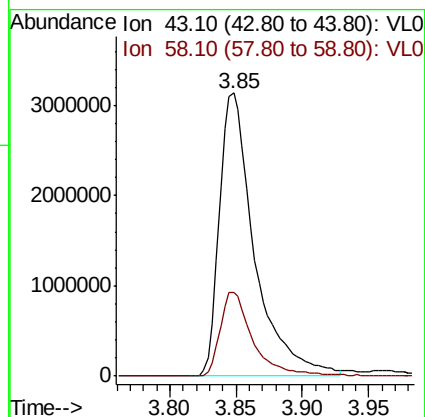
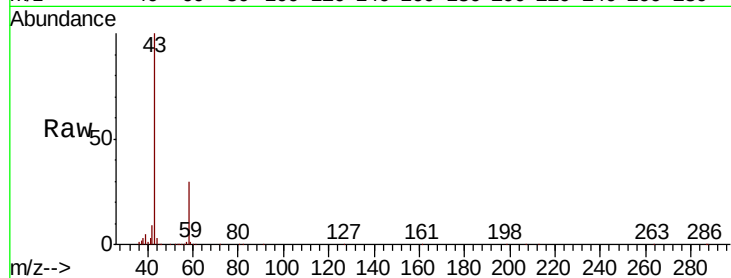
Acq: 11 Apr 2022 22:18

Tot Ion: 43 Resp: 5779817

Ion Ratio Lower Upper

43 100

58 28.4 22.5 33.7



#16

1,3-Butadiene

Concen: 0.517 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL038881.D

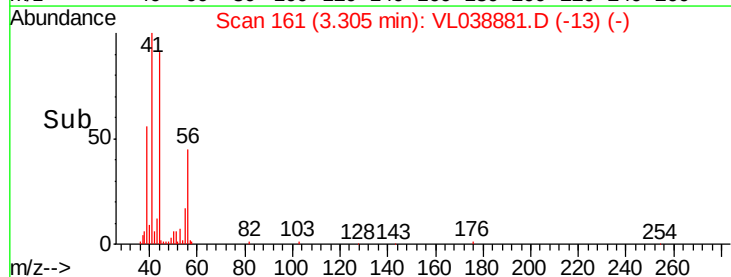
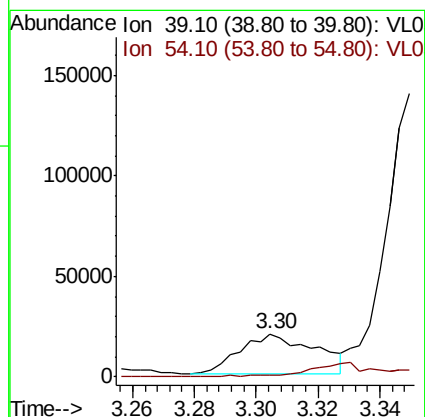
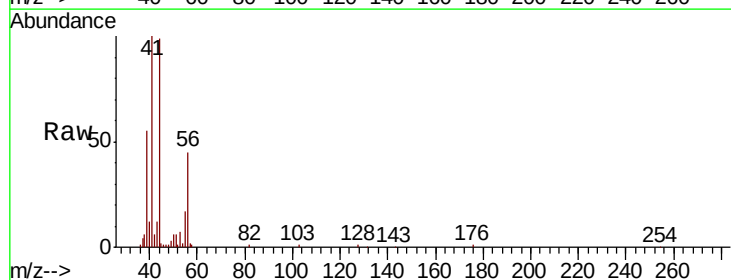
Acq: 11 Apr 2022 22:18

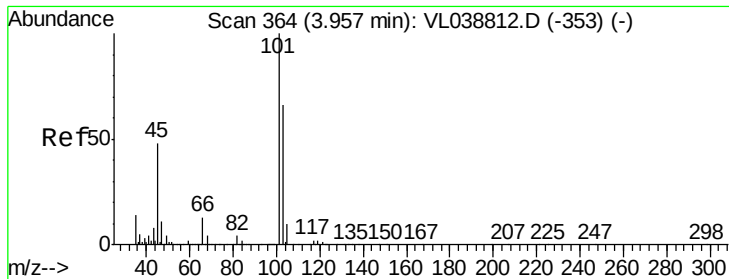
Tgt Ion: 39 Resp: 34356

Ion Ratio Lower Upper

39 100

54 43.3 64.8 97.2#





#19

Isopropyl Alcohol

Concen: 4.610 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

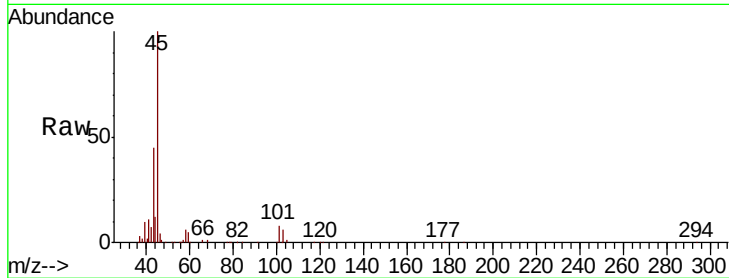
Acq: 11 Apr 2022 22:18

Tot Ion: 45 Resp: 273784

Ion Ratio Lower Upper

45 100

58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

100000

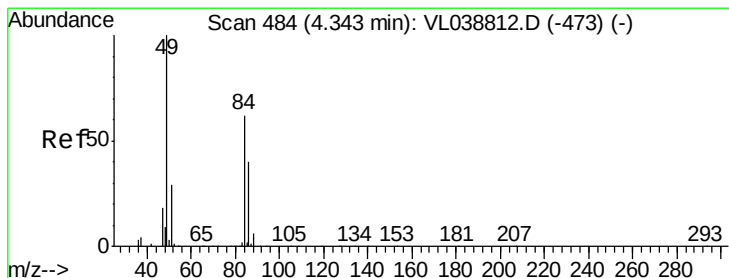
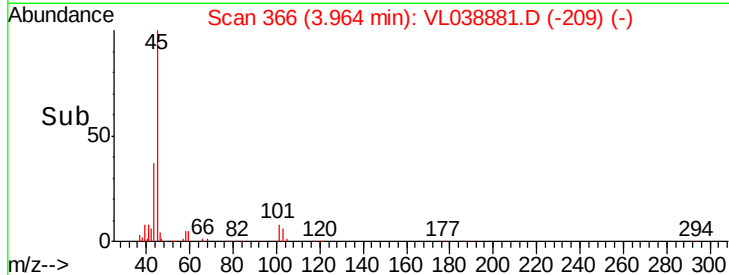
50000

0

3.96

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 2.455 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038881.D

Acq: 11 Apr 2022 22:18

Tgt Ion: 84 Resp: 103440

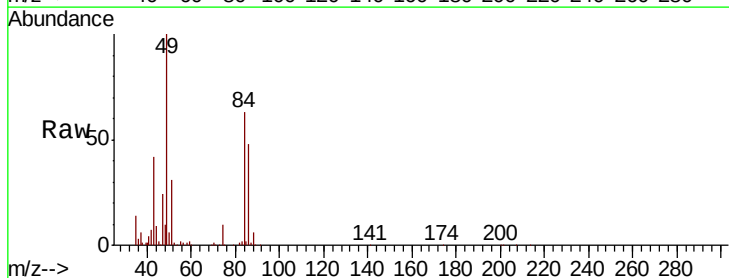
Ion Ratio Lower Upper

84 100

49 157.9 129.4 194.0

51 49.1 37.4 56.2

86 75.7 51.4 77.2



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

150000

100000

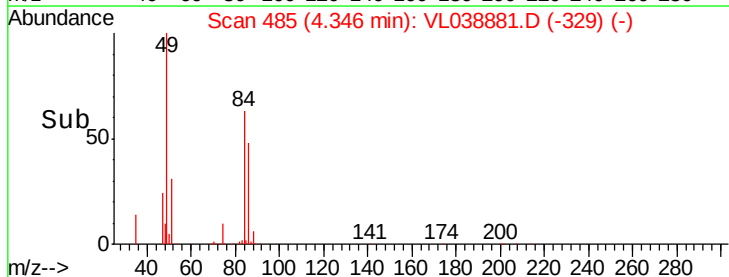
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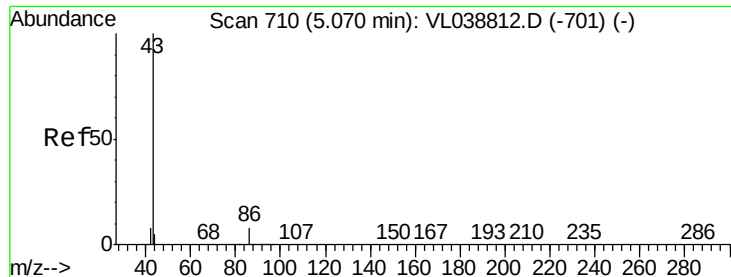
0

4.35

4.30 4.35 4.40

Time-->





#23

Vinyl Acetate

Concen: 0.988 ppbv

RT: 5.06 Instrument:

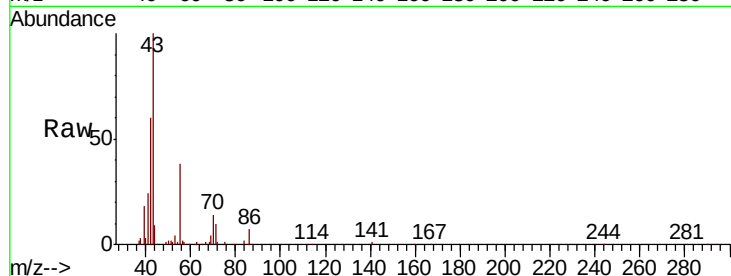
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

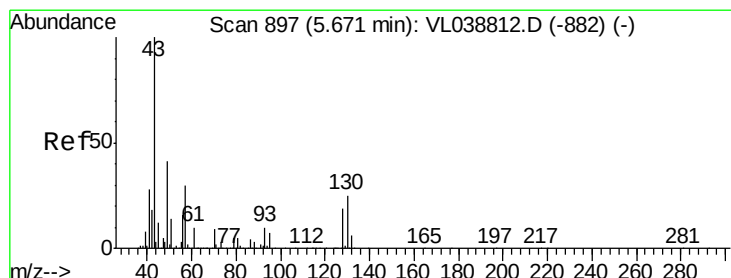
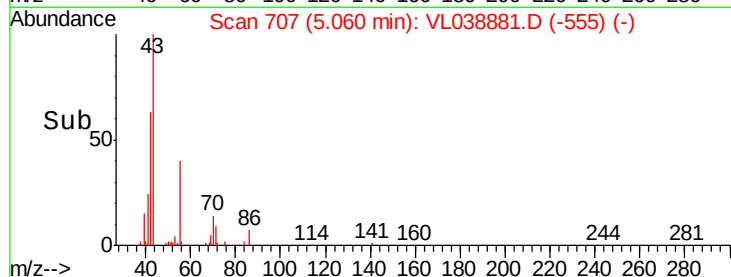
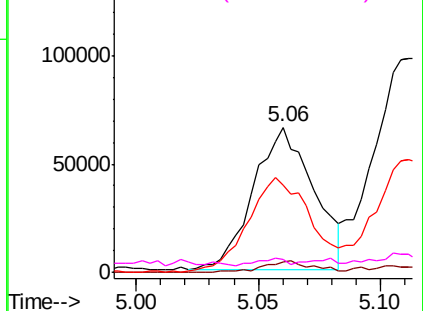
Acq: 11 Apr 2022 22:18

Tot Ion: 43 Resp: 111740

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.6
42	61.0	7.8	11.6#
44	3.0	3.6	5.4#



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



#25

Ethyl Acetate

Concen: 9.318 ppbv

RT: 5.66 min Scan# 895

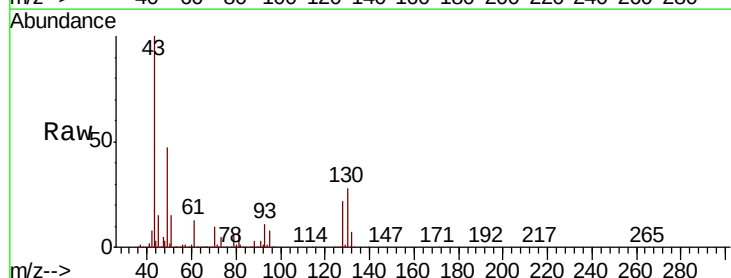
Delta R.T. -0.01 min

Lab File: VL03881.D

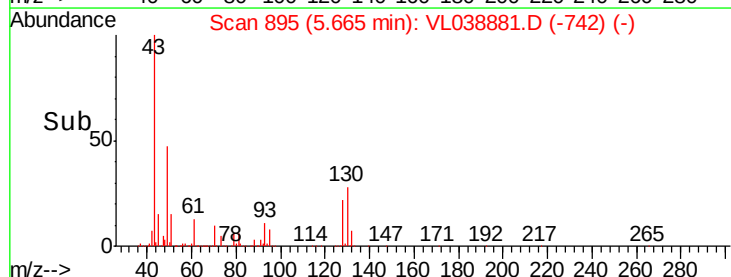
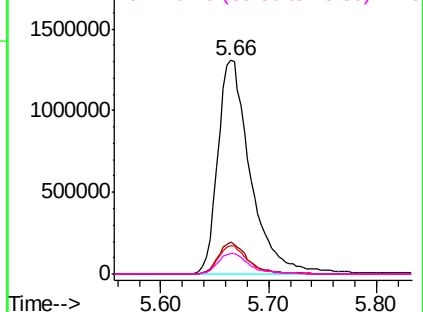
Acq: 11 Apr 2022 22:18

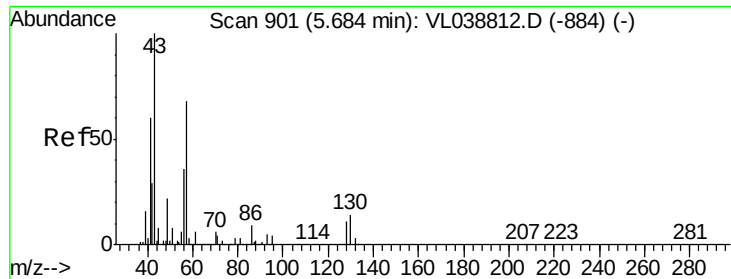
Tgt Ion: 43 Resp: 2747139

Ion	Ratio	Lower	Upper
43	100		
45	13.9	8.4	12.6#
61	12.5	7.9	11.9#
70	9.5	5.6	8.4#



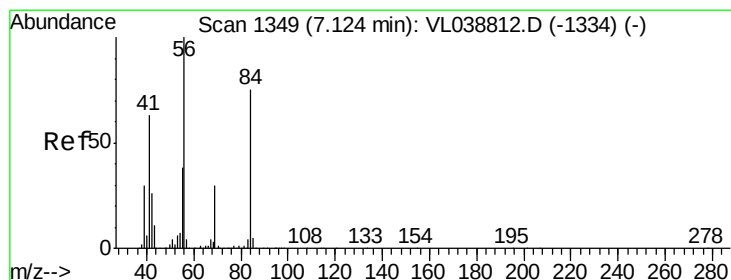
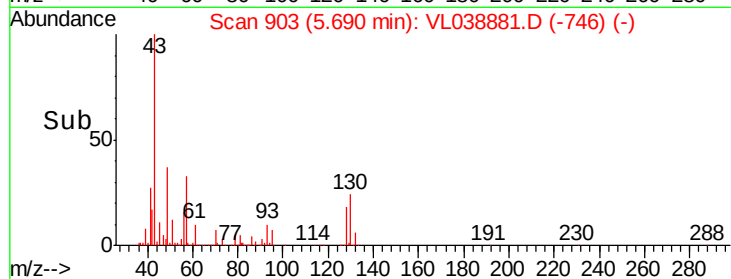
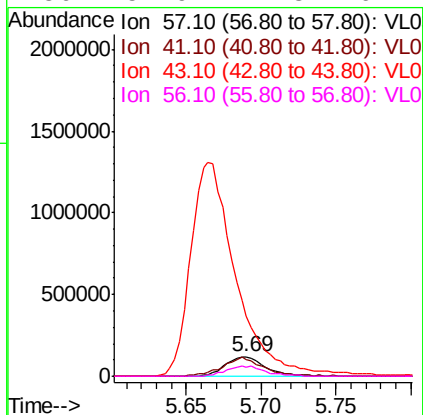
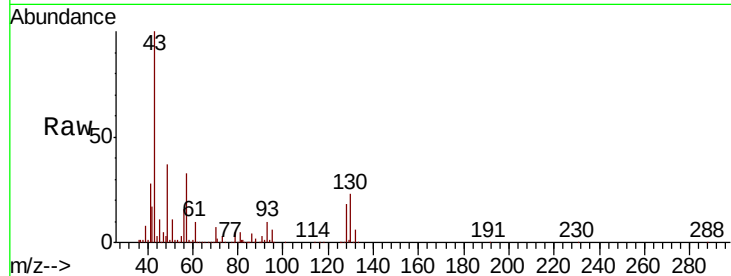
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 45.10 (44.80 to 45.80): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 70.10 (69.80 to 70.80): VL0





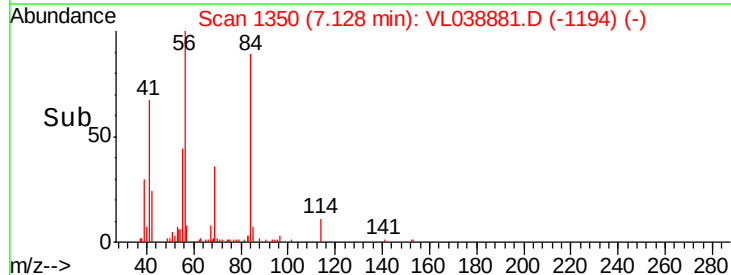
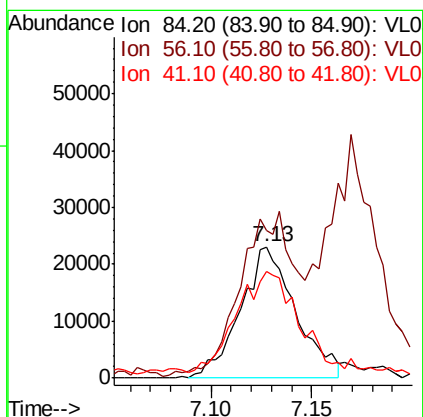
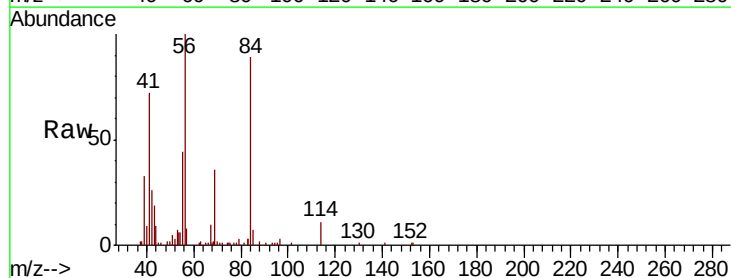
#26
Hexane
Concen: 1.654 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 22:18

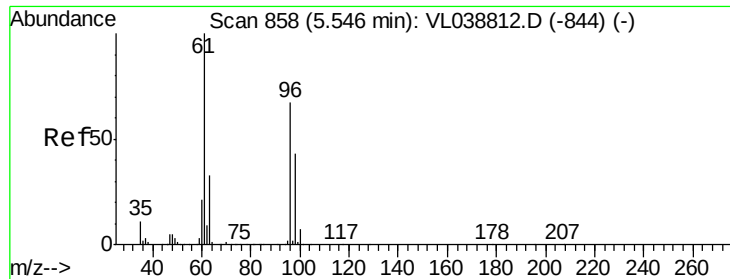
Tot Ion:	57	Resp:	221950
Ion	Ratio	Lower	Upper
57	100		
41	99.5	72.0	108.0
43	1261.6	186.6	280.0#
56	51.9	42.8	64.2



#30
Cyclohexane
Concen: 0.373 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038881.D
Acq: 11 Apr 2022 22:18

Tgt Ion:	84	Resp:	44108
Ion	Ratio	Lower	Upper
84	100		
56	118.0	114.4	171.6
41	89.6	69.0	103.4





#31

cis-1,2-Dichloroethene

Concen: 2.670 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 22:18

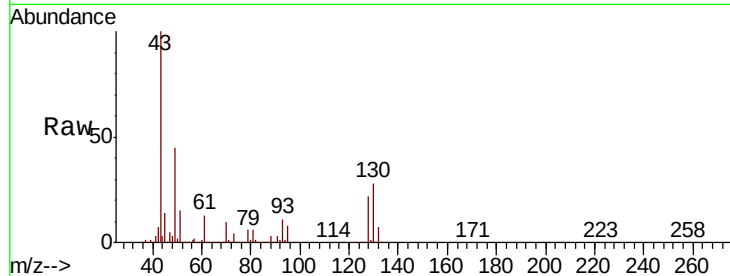
Tot Ion: 61 Resp: 329470

Ion Ratio Lower Upper

61 100

96 0.7 53.4 80.0#

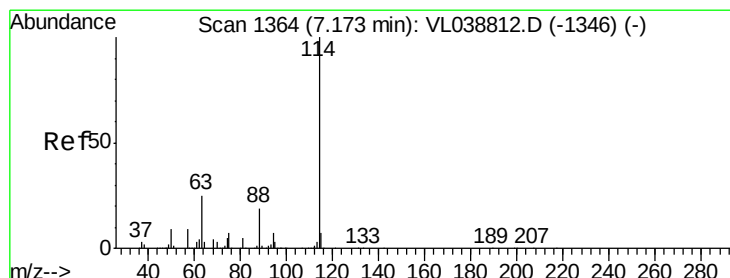
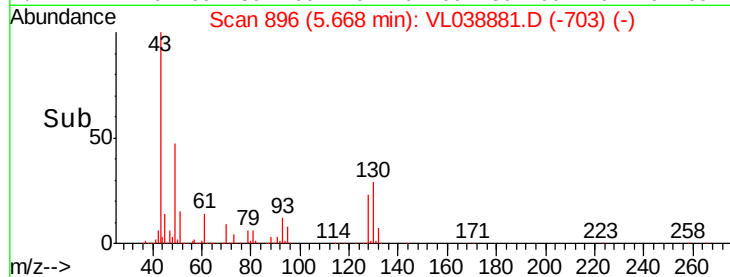
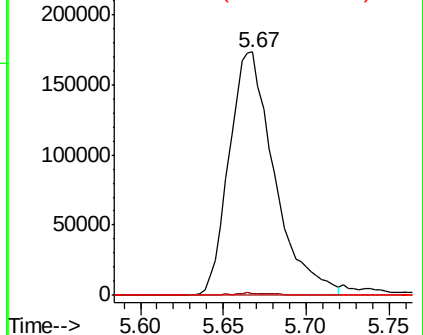
98 0.0 34.2 51.4#



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: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL038881.D

Acq: 11 Apr 2022 22:18

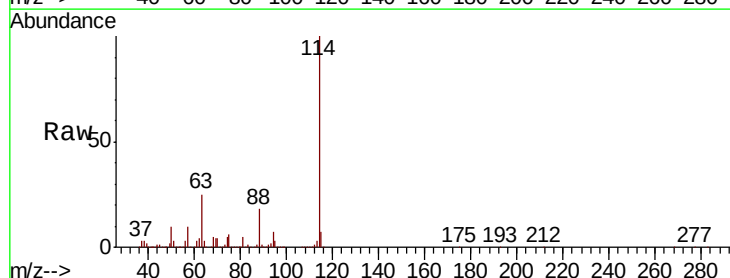
Tgt Ion: 114 Resp: 3137362

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.8

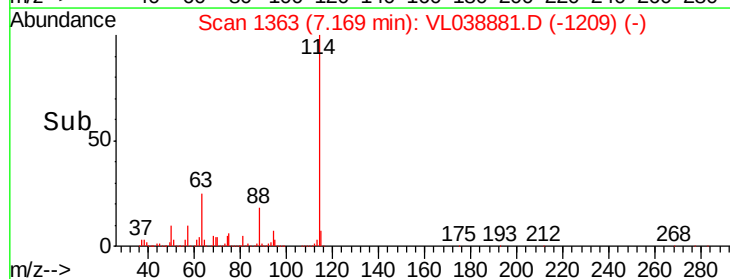
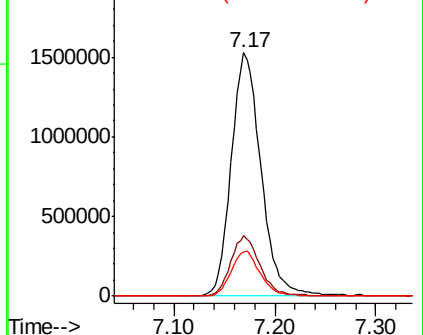
88 18.1 14.2 21.4

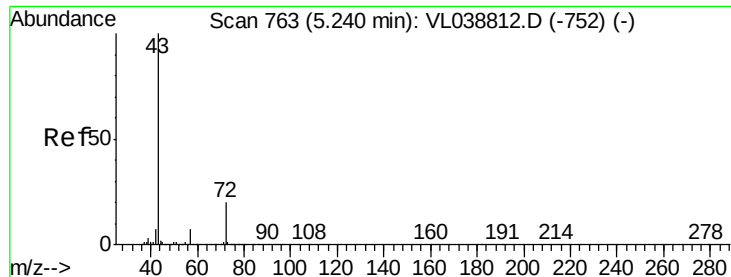


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

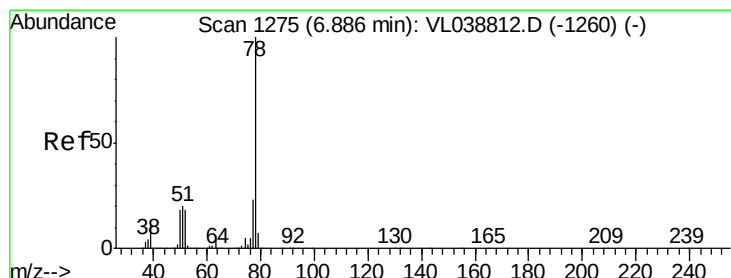
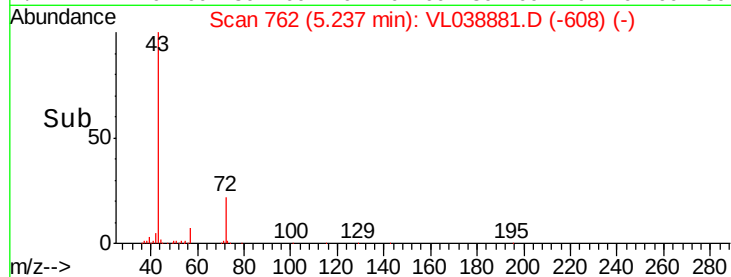
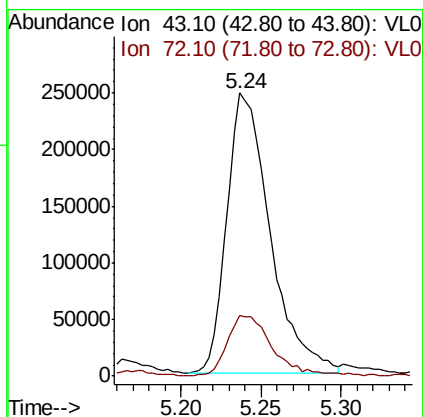
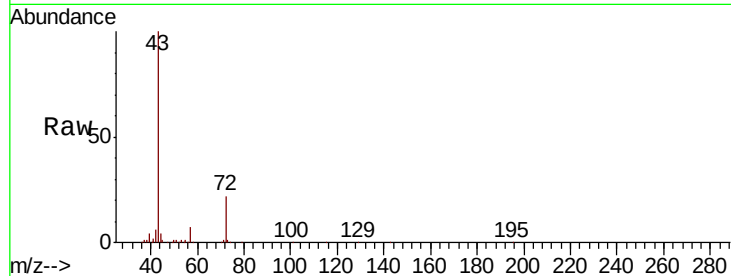
Ion 88.10 (87.80 to 88.80): VL0





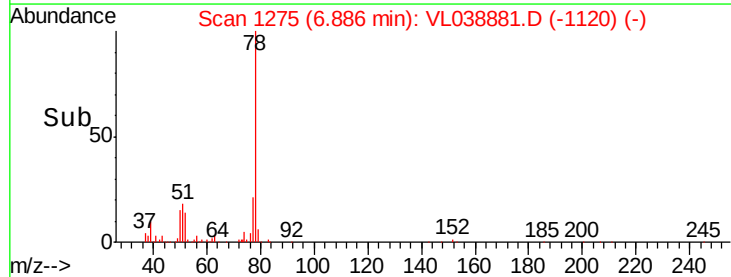
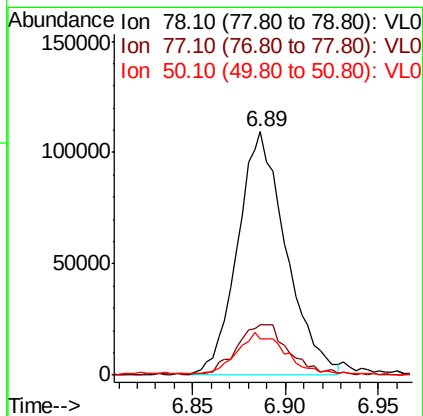
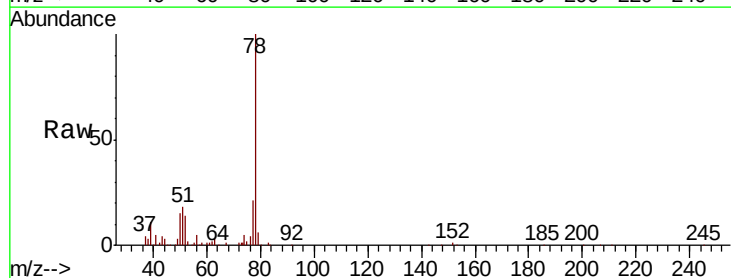
#34
 2-Butanone
 Concen: 3.678 ppbv
 RT: 5.24
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 22:18

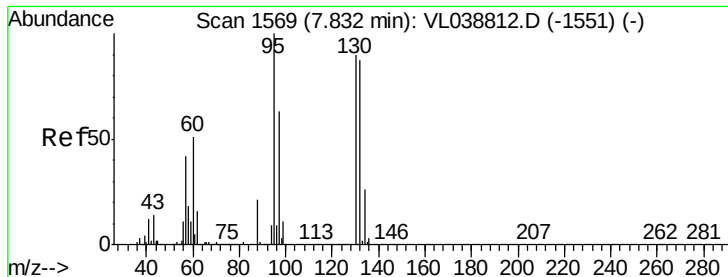
Tot Ion: 43 Resp: 455972
 Ion Ratio Lower Upper
 43 100
 72 23.2 16.9 25.3



#36
 Benzene
 Concen: 0.693 ppbv
 RT: 6.89 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VL038881.D
 Acq: 11 Apr 2022 22:18

Tgt Ion: 78 Resp: 197862
 Ion Ratio Lower Upper
 78 100
 77 20.3 18.2 27.2
 50 14.6 14.0 21.0





#38

Trichloroethene

Concen: 0.040 ppbv

RT: 7.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 22:18

Tot Ion:130 Resp: 4700

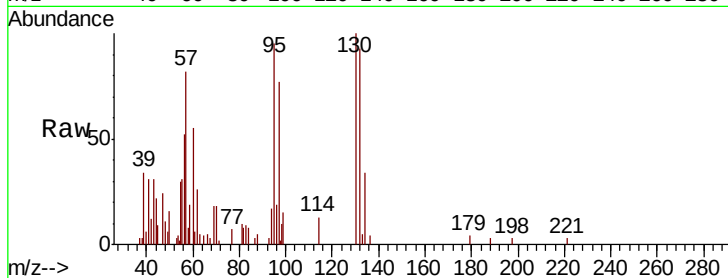
Ion Ratio Lower Upper

130 100

95 1.7 89.4 134.0#

132 99.2 77.7 116.5

97 116.8 56.0 84.0#

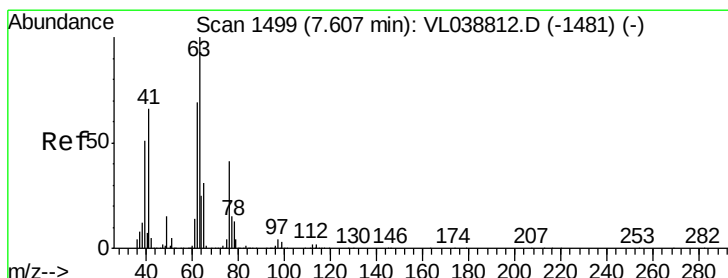
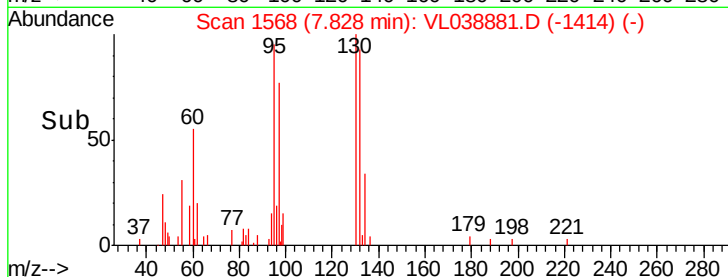
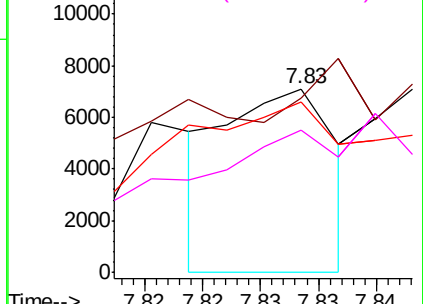


Abundance Ion 130.00 (129.70 to 130.70): V

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: 6.886 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.44 min

Lab File: VL038881.D

Acq: 11 Apr 2022 22:18

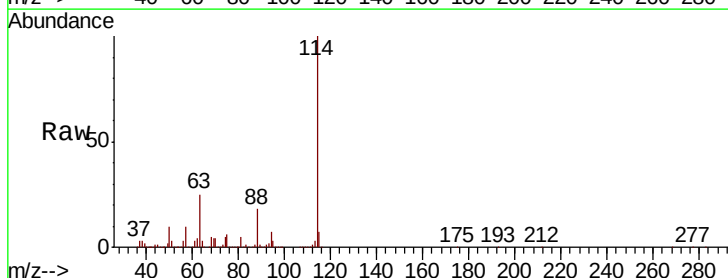
Tgt Ion: 63 Resp: 751679

Ion Ratio Lower Upper

63 100

41 0.0 53.0 79.6#

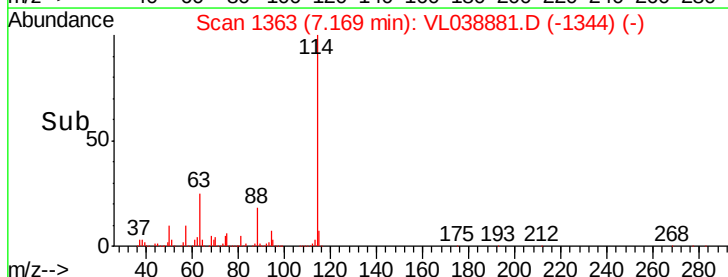
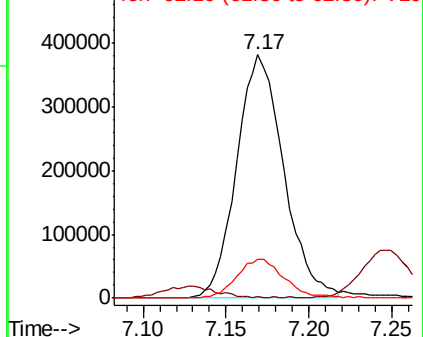
62 15.6 55.0 82.4#

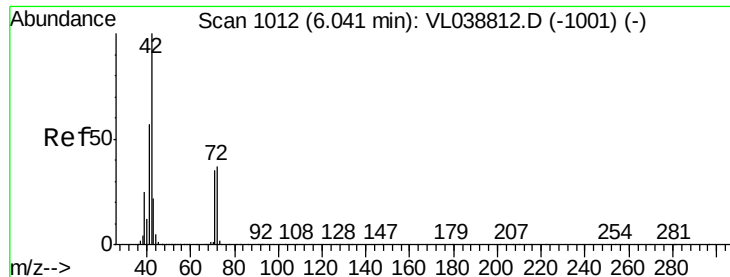


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.237 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: LA-4

Acq: 11 Apr 2022 22:18

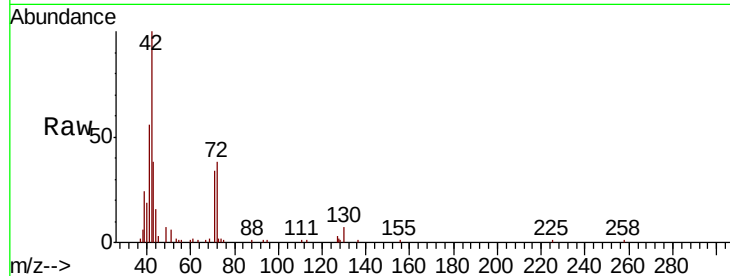
Tot Ion: 42 Resp: 27854

Ion Ratio Lower Upper

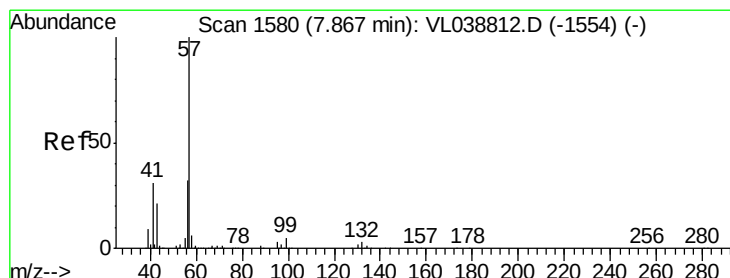
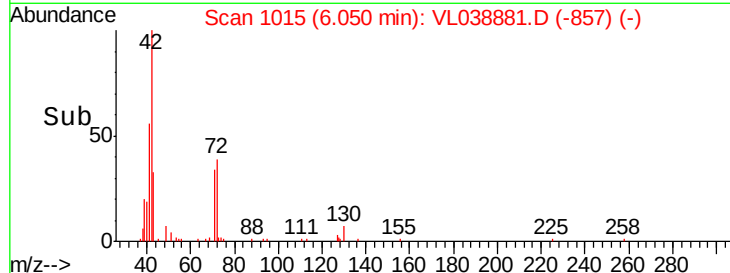
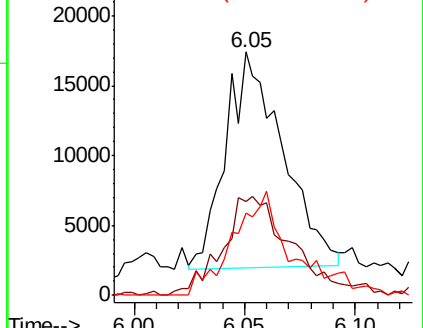
42 100

72 55.8 31.4 47.0#

71 51.8 30.2 45.4#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.552 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VL038881.D

Acq: 11 Apr 2022 22:18

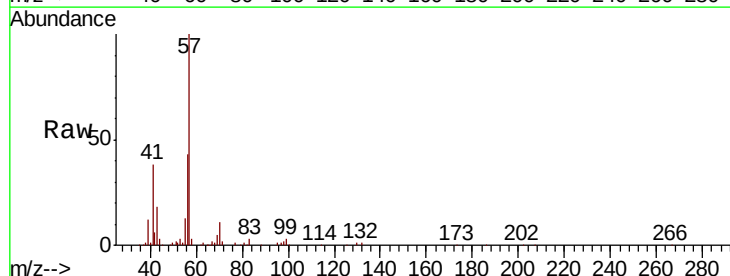
Tgt Ion: 57 Resp: 266795

Ion Ratio Lower Upper

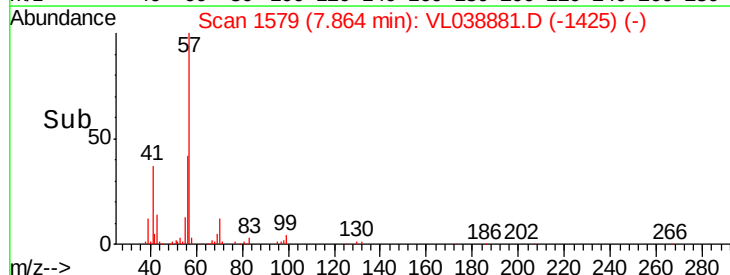
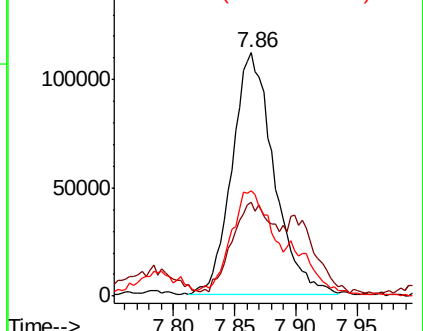
57 100

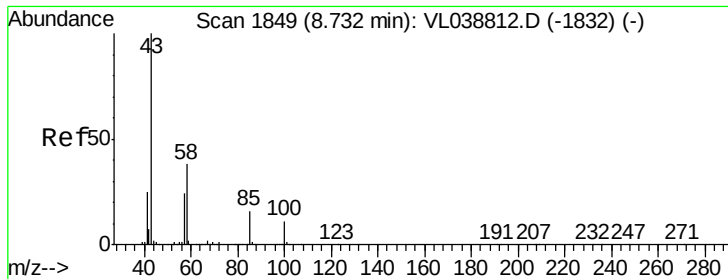
41 64.4 25.0 37.4#

56 55.6 25.3 37.9#



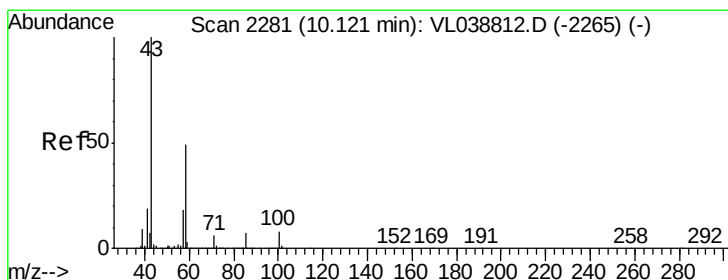
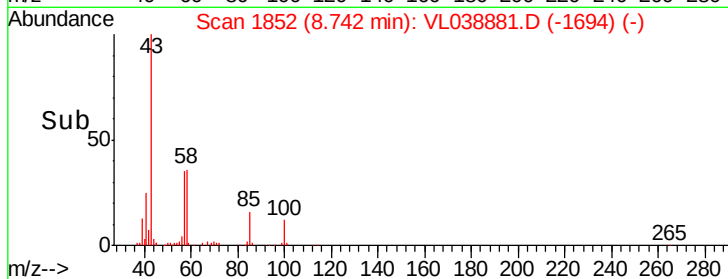
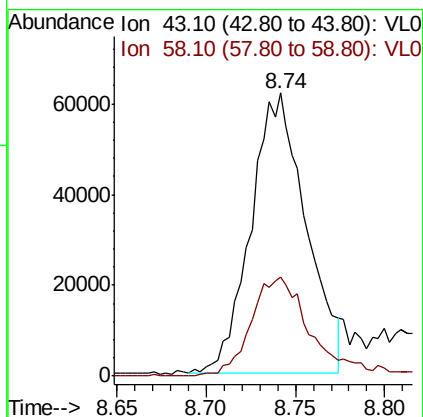
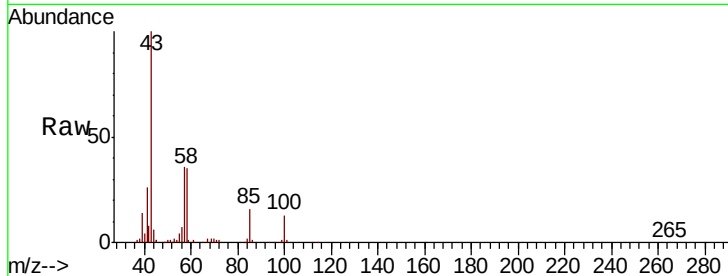
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





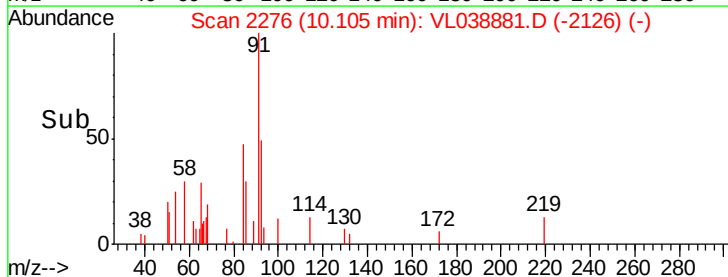
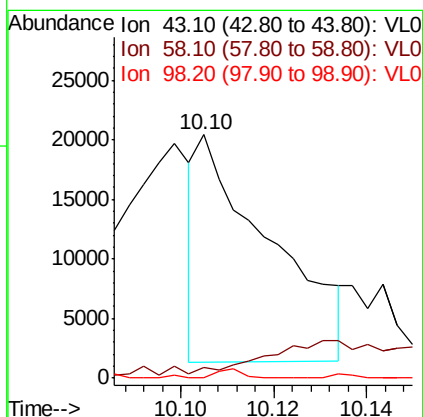
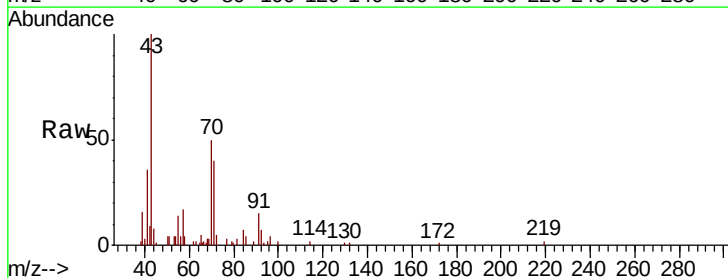
#50
 4-Methyl-2-Pentanone
 Concen: 0.480 ppbv
 RT: 8.74
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 22:18

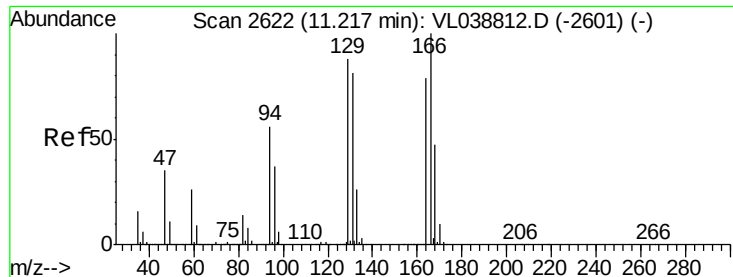
Tot Ion: 43 Resp: 133955
 Ion Ratio Lower Upper
 43 100
 58 38.9 29.0 43.6



#51
 2-Hexanone
 Concen: 0.099 ppbv
 RT: 10.10 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: VL038881.D
 Acq: 11 Apr 2022 22:18

Tgt Ion: 43 Resp: 20855
 Ion Ratio Lower Upper
 43 100
 58 44.1 41.4 62.0
 98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.873 ppbv

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 22:18

Tot Ion:164 Resp: 87035

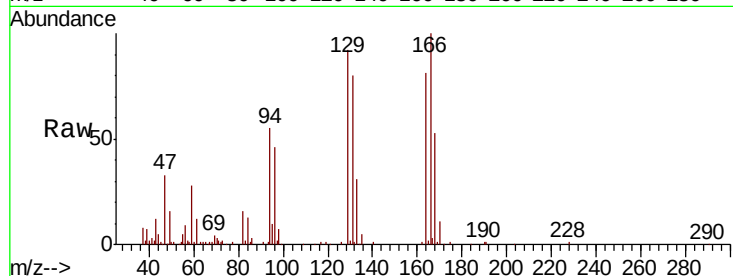
Ion Ratio Lower Upper

164 100

166 123.5 101.0 151.6

129 112.6 88.7 133.1

131 98.6 81.8 122.6

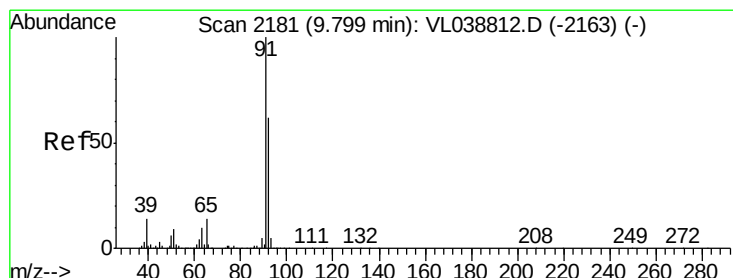
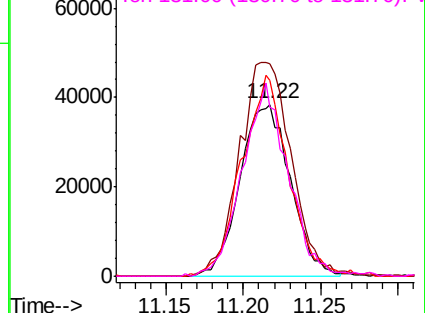
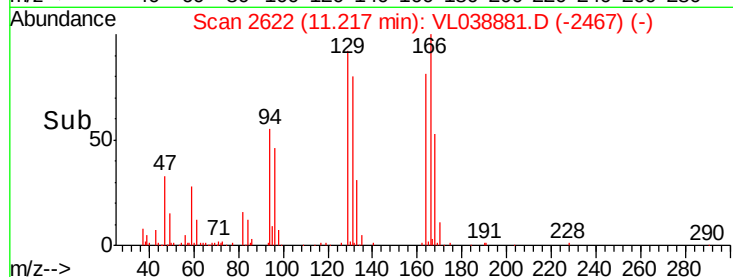


Abundance Ion 163.90 (163.60 to 164.60): V

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: 24.503 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL038881.D

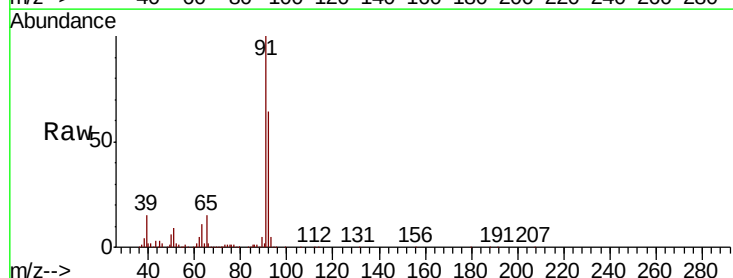
Acq: 11 Apr 2022 22:18

Tgt Ion: 91 Resp: 8073065

Ion Ratio Lower Upper

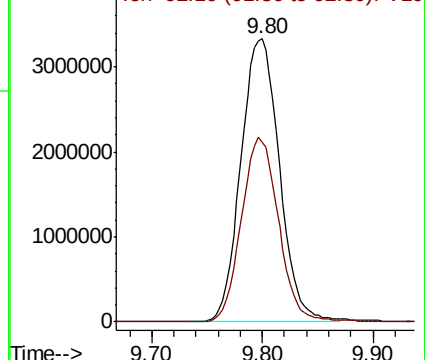
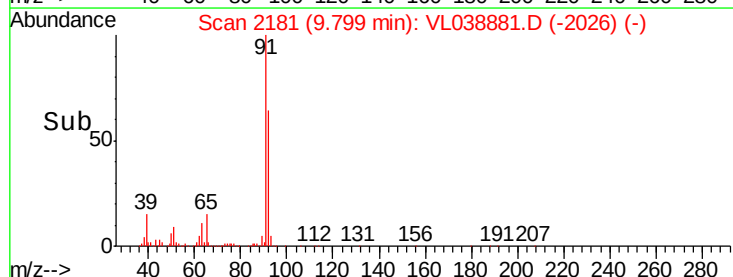
91 100

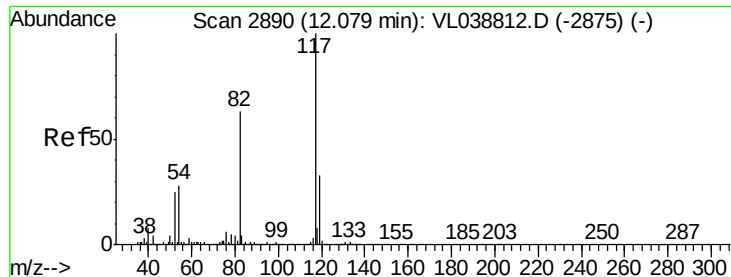
92 63.4 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

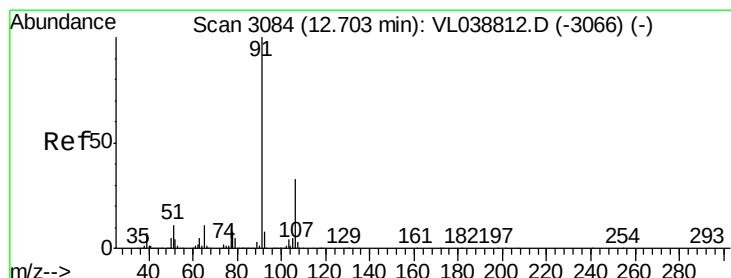
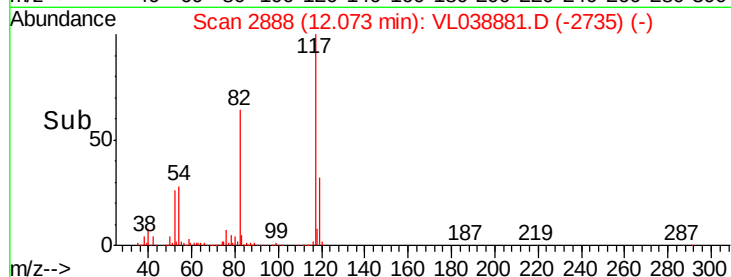
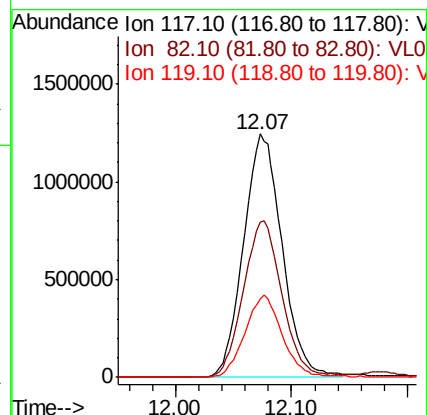
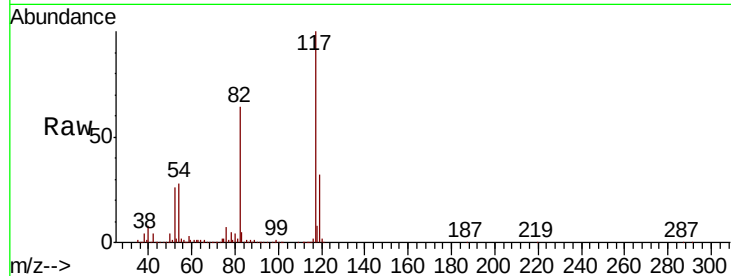
Ion 92.10 (91.80 to 92.80): VL0





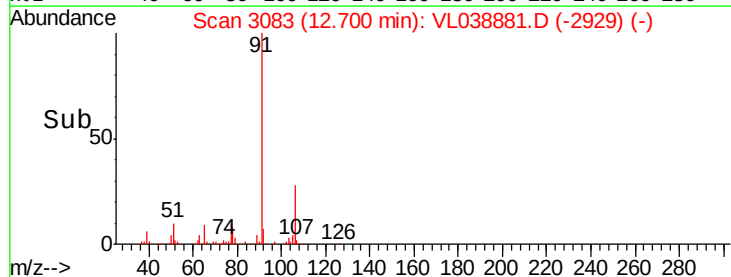
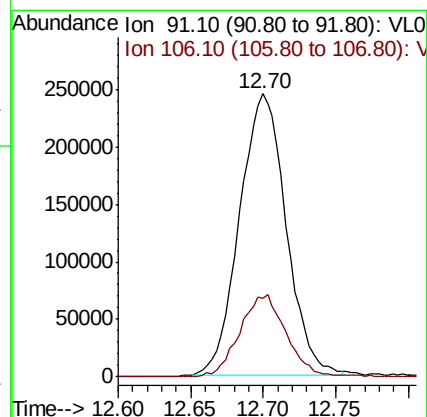
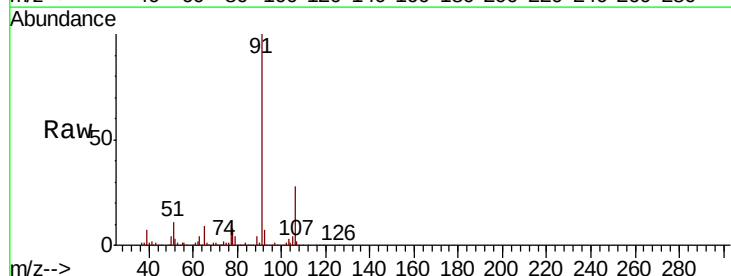
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 22:18

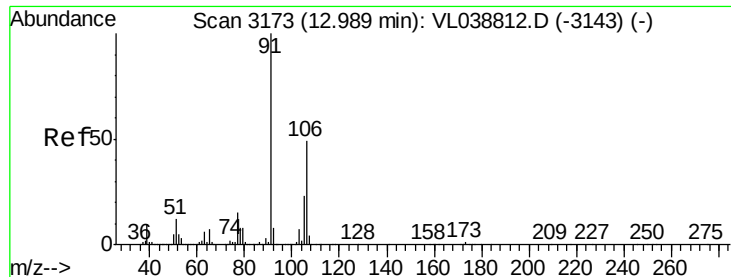
Tot Ion: 117 Resp: 2877940
Ion Ratio Lower Upper
117 100
82 64.8 53.0 79.6
119 33.0 24.9 37.3



#58
Ethyl Benzene
Concen: 1.273 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038881.D
Acq: 11 Apr 2022 22:18

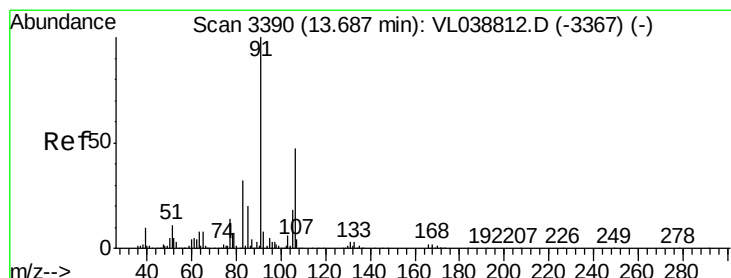
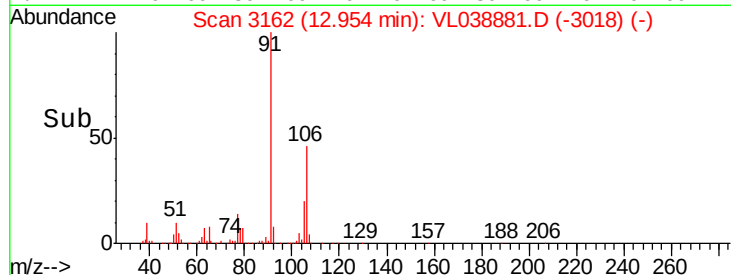
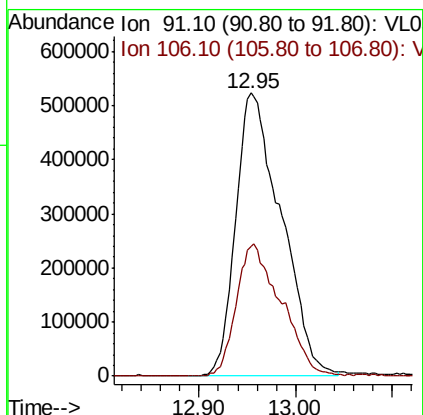
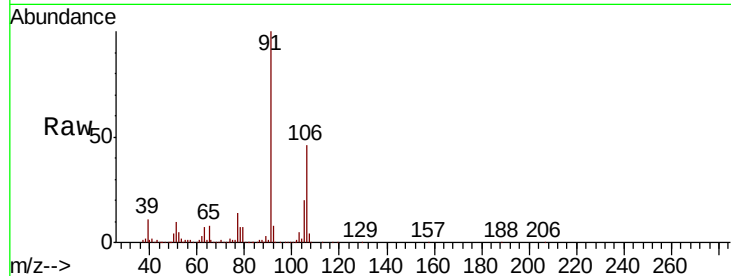
Tgt Ion: 91 Resp: 547579
Ion Ratio Lower Upper
91 100
106 27.9 26.7 40.1





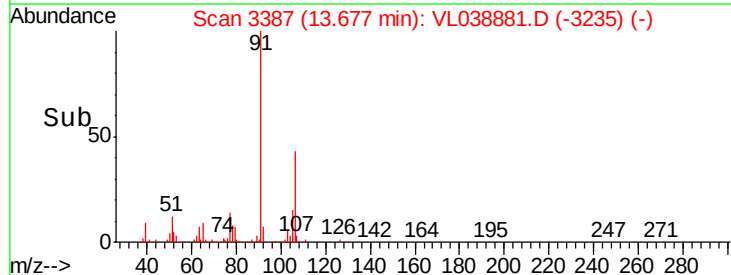
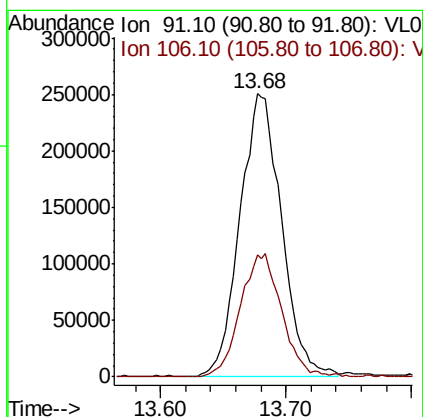
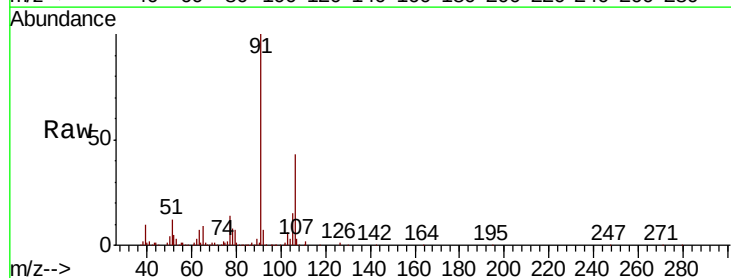
#59
m/p-Xylene
Concen: 4.715 ppbv
RT: 12.95
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 22:18

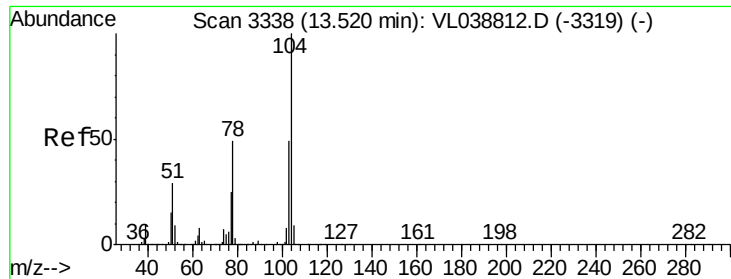
Tot Ion: 91 Resp: 1703681
Ion Ratio Lower Upper
91 100
106 45.9 37.1 55.7



#60
o-Xylene
Concen: 1.699 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL038881.D
Acq: 11 Apr 2022 22:18

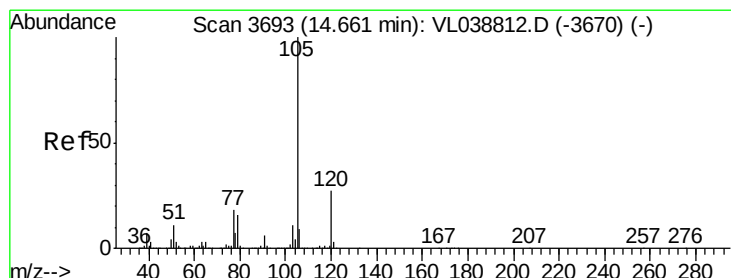
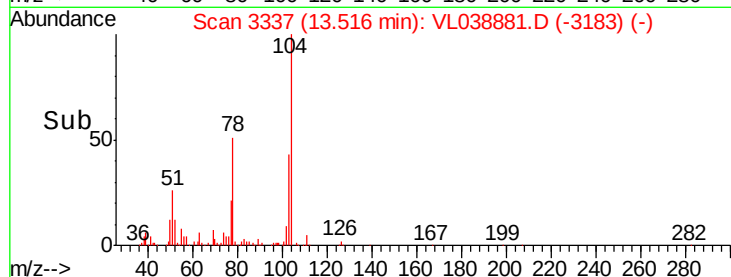
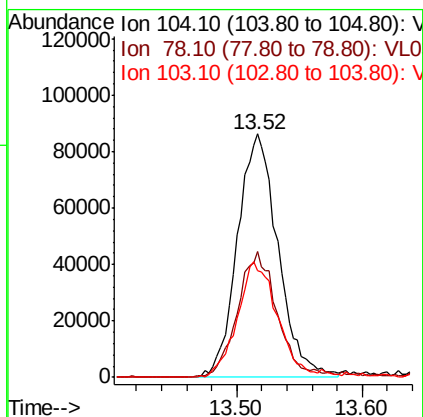
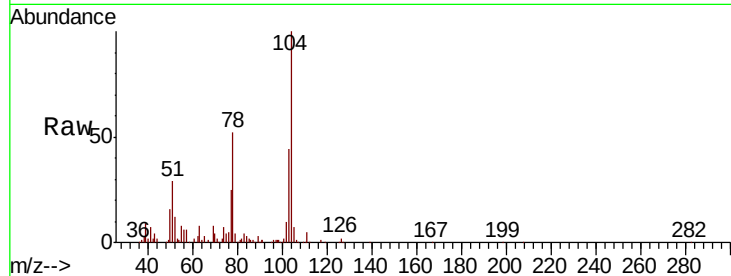
Tgt Ion: 91 Resp: 574449
Ion Ratio Lower Upper
91 100
106 43.6 23.8 71.4





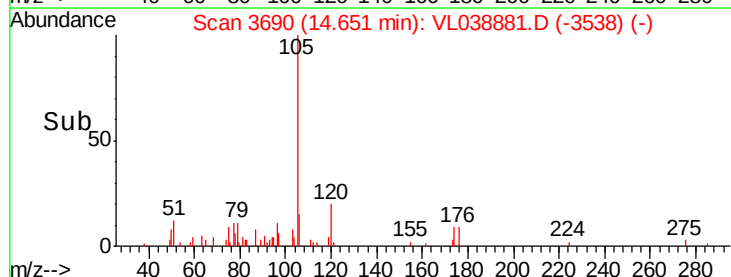
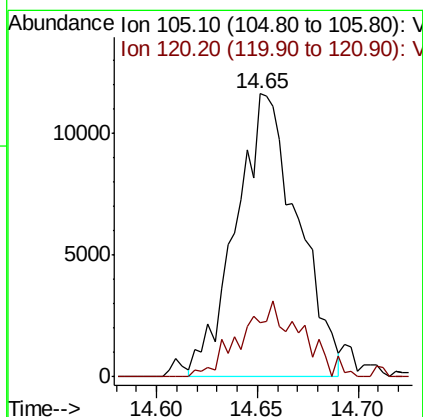
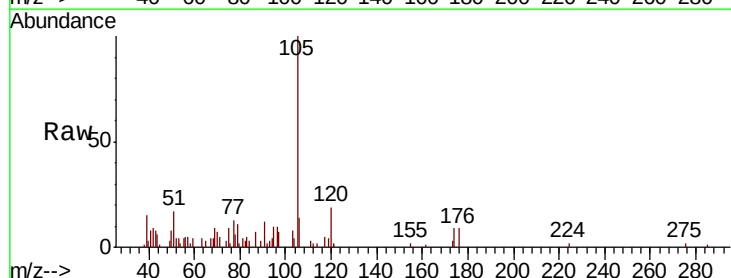
#61
Stvrene
Concen: 0.942 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 22:18

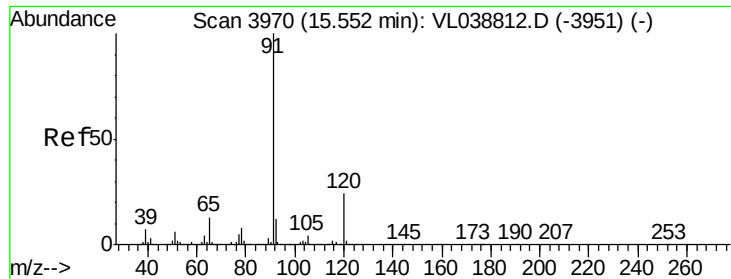
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.5	60.7
103	48.4	39.0	58.4



#62
Isopropylbenzene
Concen: 0.049 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.01 min
Lab File: VL038881.D
Acq: 11 Apr 2022 22:18

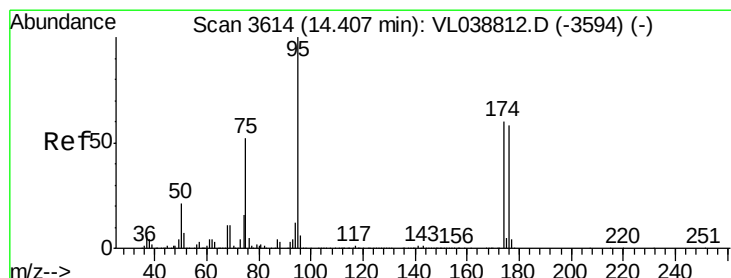
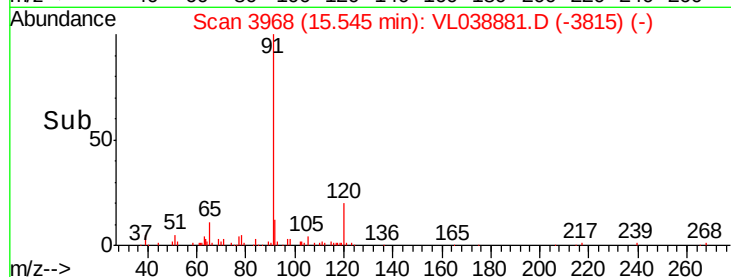
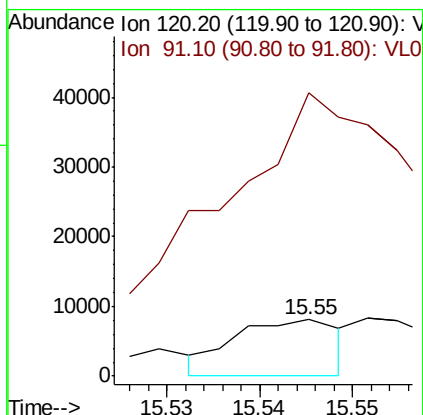
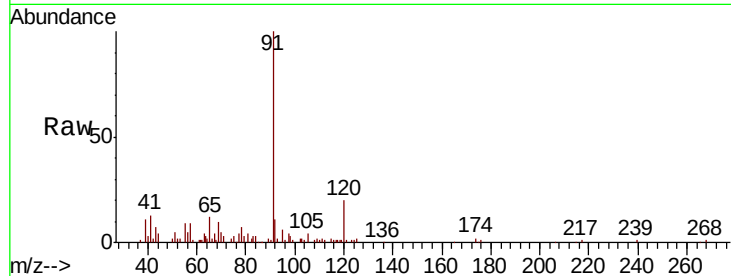
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.8	32.8





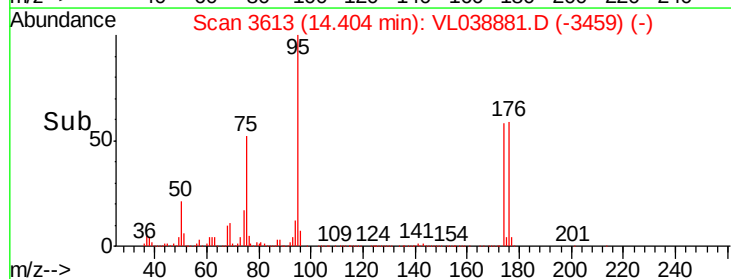
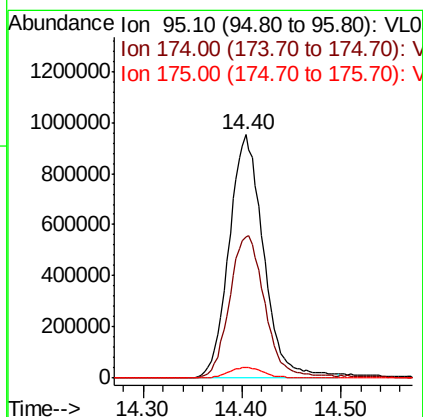
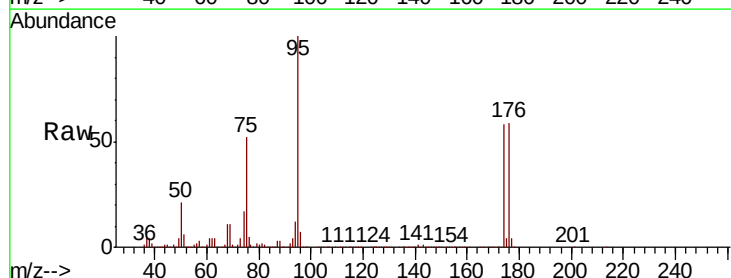
#64
 n-propylbenzene
 Concen: 0.048 ppbv
 RT: 15.55 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 22:18

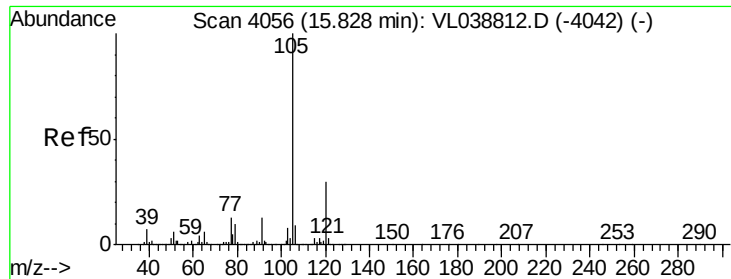
Tot Ion: 120 Resp: 6282
 Ion Ratio Lower Upper
 120 100
 91 1452.6 360.6 540.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.605 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.00 min
 Lab File: VL038881.D
 Acq: 11 Apr 2022 22:18

Tgt Ion: 95 Resp: 2315159
 Ion Ratio Lower Upper
 95 100
 174 61.4 52.0 78.0
 175 4.6 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.227 ppbv

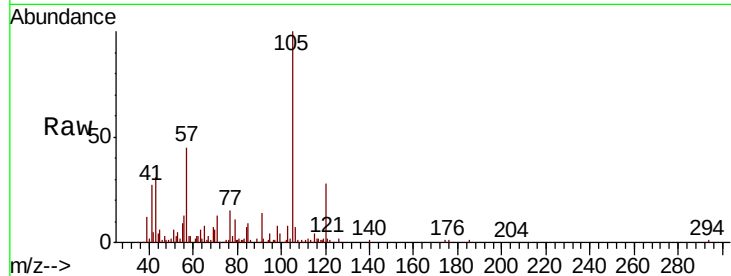
RT: 15.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 22:18

Tot Ion:	105	Resp:	91516
Ion	Ratio	Lower	Upper
105	100		
120	30.5	24.3	36.5
91	16.2	9.4	14.2#
77	19.2	10.6	15.8#

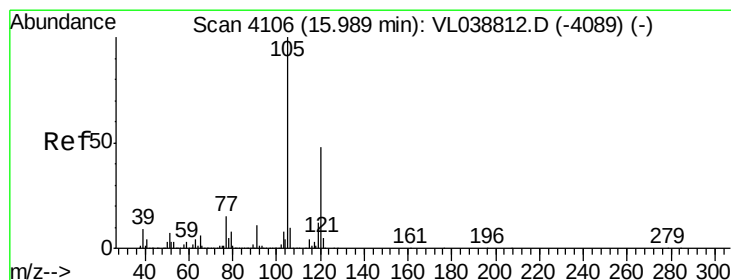
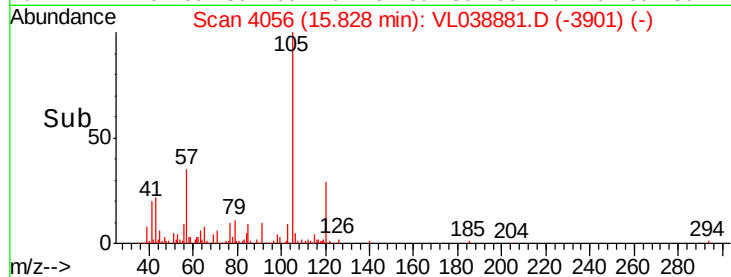
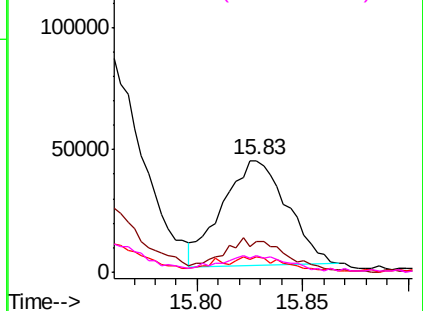


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.155 ppbv

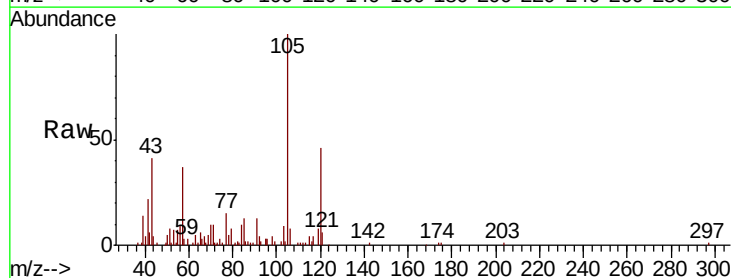
RT: 15.99 min Scan# 4105

Delta R.T. -0.00 min

Lab File: VL038881.D

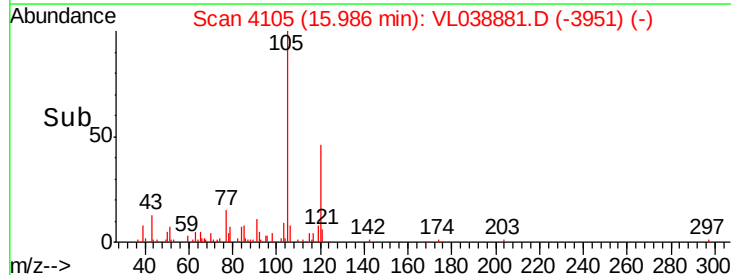
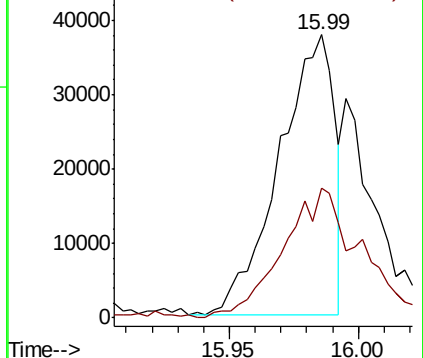
Acq: 11 Apr 2022 22:18

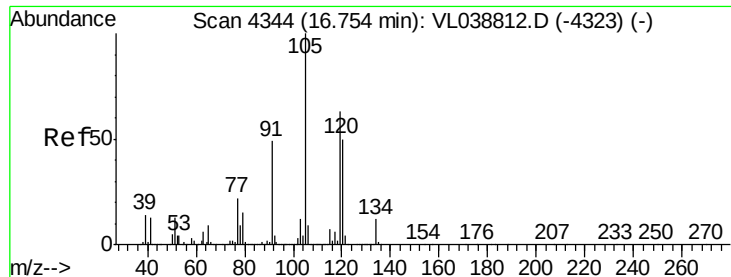
Tgt Ion:	105	Resp:	56218
Ion	Ratio	Lower	Upper
105	100		
120	45.4	38.7	58.1



Abundance Ion 105.10 (104.80 to 105.80): V

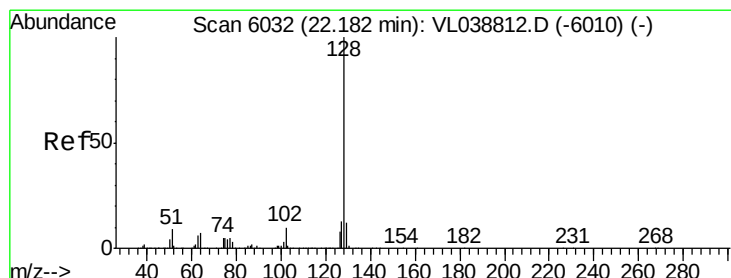
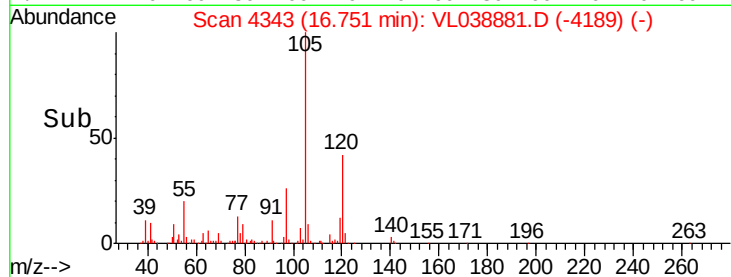
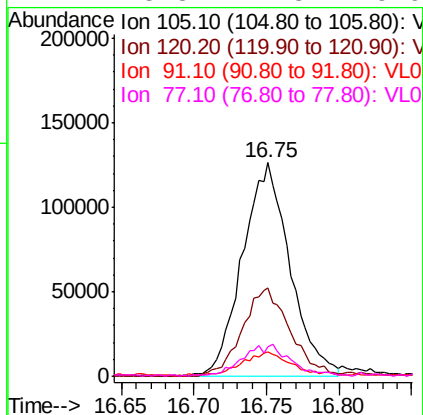
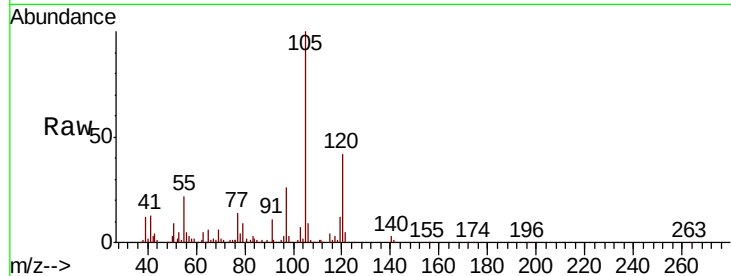
Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.746 ppbv
 RT: 16.75 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 22:18

Tot Ion:	105	Resp:	285951
Ion	Ratio	Lower	Upper
105	100		
120	41.6	39.8	59.8
91	10.6	39.4	59.0#
77	13.8	17.3	25.9#



#79
 Naphthalene
 Concen: 0.034 ppbv
 RT: 22.18 min Scan# 6030
 Delta R.T. -0.01 min
 Lab File: VL038881.D
 Acq: 11 Apr 2022 22:18

Tgt Ion:	128	Resp:	9763
Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.6	15.8#
129	20.0	9.4	14.0#

