

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041122\
 Data File : VL038877.D
 Acq On : 11 Apr 2022 19:40
 Operator : SY/AP
 Sample : N2332-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-2

Quant Time: Apr 12 02:50:43 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	5.67	49	1132324	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3307213	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3012634	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2352586	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds

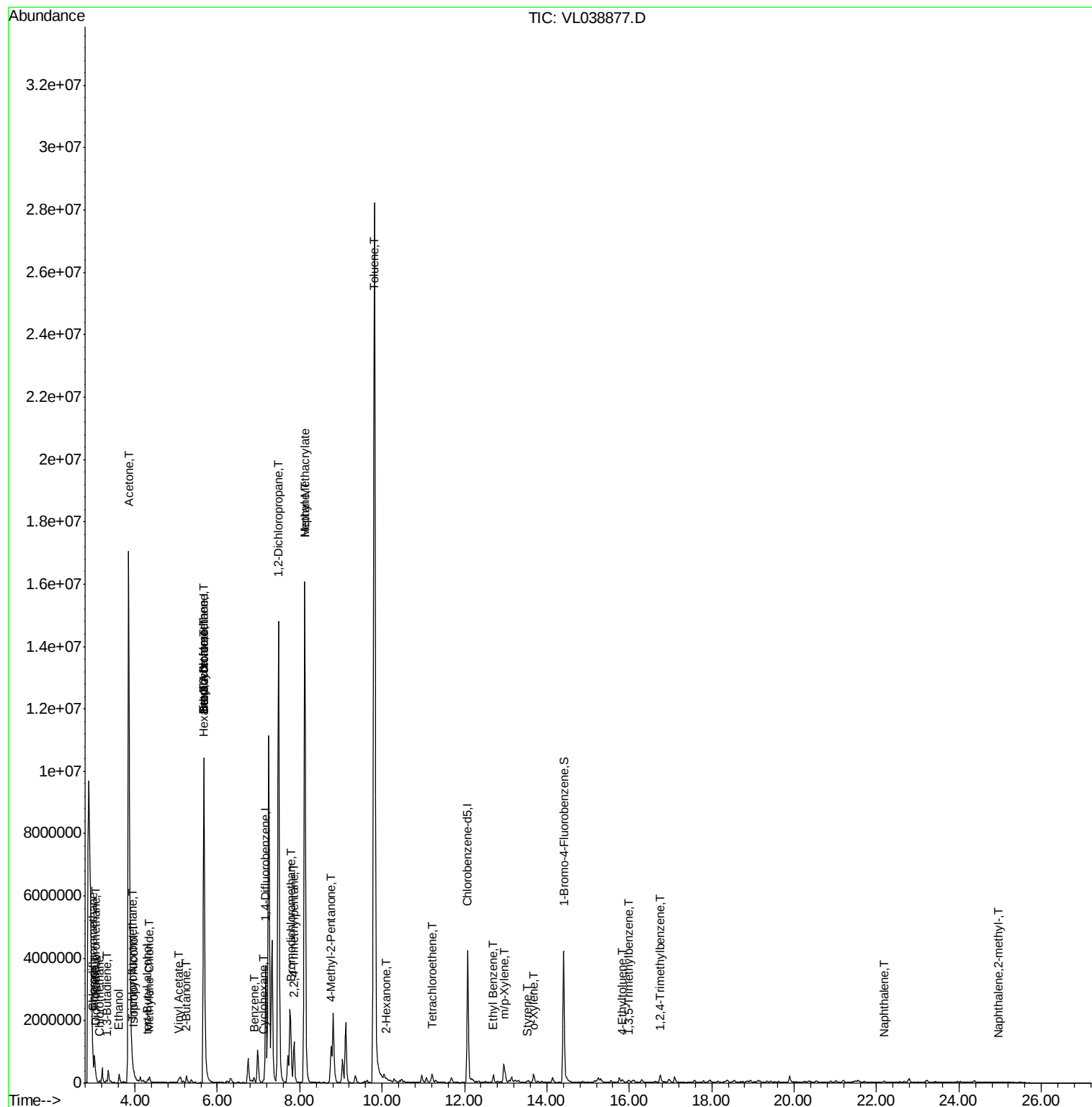
					Ovalue
2) Dichlorodifluoromethane	3.05	85	96890	0.603 ppbv	99
3) Chlorodifluoromethane	2.99	51	50642	0.366 ppbv	95
4) Chloromethane	3.14	50	48950	0.684 ppbv #	77
9) Propene	3.02	41	237030	3.242 ppbv #	75
10) Heptane	8.12	43	9054973	49.168 ppbv	95
11) Trichlorofluoromethane	3.96	101	9035	0.070 ppbv	91
13) Ethanol	3.61	45	308132	69.349 ppbv #	100
15) Acetone	3.85	43	25145641	223.055 ppbv #	69
16) 1,3-Butadiene	3.31	39	26417	0.410 ppbv #	44
17) tert-Butyl alcohol	4.31	59	7194	0.071 ppbv #	1
19) Isopropyl Alcohol	3.98	45	97602	1.694 ppbv #	100
20) Methylene Chloride	4.35	84	29597	0.724 ppbv #	86
23) Vinyl Acetate	5.08	43	71355	0.650 ppbv #	81
25) Ethyl Acetate	5.67	43	12805186	44.766 ppbv #	84
26) Hexane	5.69	57	76336	0.586 ppbv #	1
30) Cyclohexane	7.13	84	48479	0.422 ppbv #	1
31) cis-1,2-Dichloroethene	5.67	61	1991163	16.632 ppbv #	23
34) 2-Butanone	5.25	43	285130	2.182 ppbv	92
36) Benzene	6.89	78	145188	0.483 ppbv	96
39) 1,2-Dichloropropane	7.48	63	11495	0.100 ppbv #	1
41) Tetrahydrofuran	5.67	42	1042700	8.401 ppbv #	43
42) Bromodichloromethane	7.79	83	105591	0.486 ppbv #	26
43) Methyl Methacrylate	8.12	69	81329	0.706 ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	132508	0.260 ppbv #	43
50) 4-Methyl-2-Pentanone	8.75	43	283489	0.964 ppbv	99
51) 2-Hexanone	10.11	43	11458	0.052 ppbv #	5
52) Tetrachloroethene	11.22	164	29137	0.277 ppbv	91
53) Toluene	9.82	91	25627079	73.787 ppbv #	77
58) Ethyl Benzene	12.70	91	251022	0.558 ppbv	94
59) m/p-Xylene	12.96	91	644380	1.704 ppbv	98
60) o-Xylene	13.68	91	220171	0.622 ppbv	98
61) Styrene	13.52	104	12890	0.060 ppbv #	27
72) 4-Ethyltoluene	15.83	105	57103	0.135 ppbv #	91
73) 1,3,5-Trimethylbenzene	15.99	105	26940	0.071 ppbv	95
74) 1,2,4-Trimethylbenzene	16.75	105	189726	0.473 ppbv #	66
79) Naphthalene	22.18	128	9189	0.031 ppbv #	71
80) Naphthalene,2-methyl-	24.96	142	3342	0.045 ppbv #	11

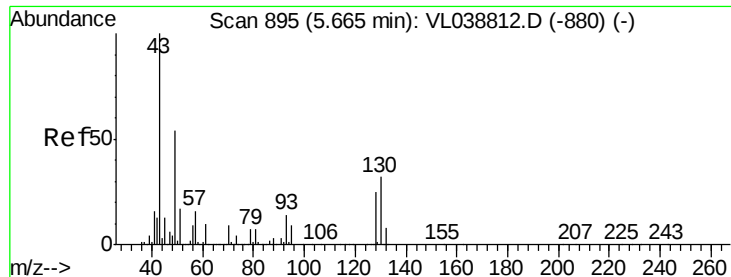
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041122\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 19:40

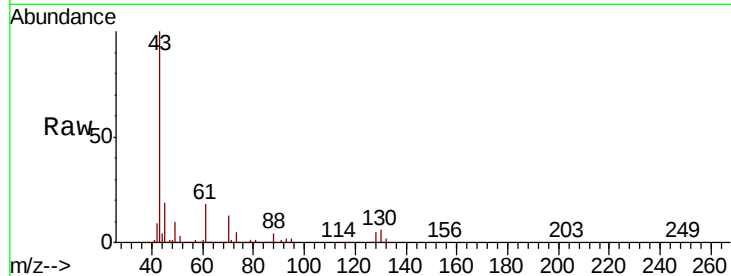
Tot Ion: 49 Resp: 1132324

Ion Ratio Lower Upper

49 100

128 46.8 24.1 72.3

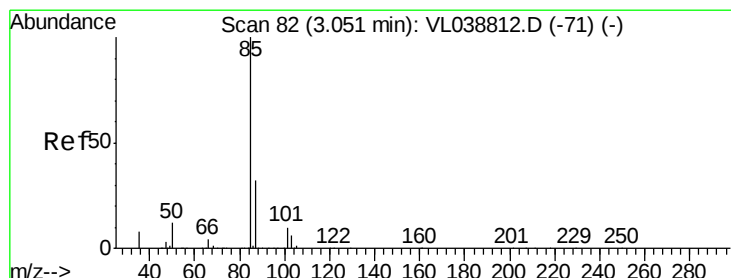
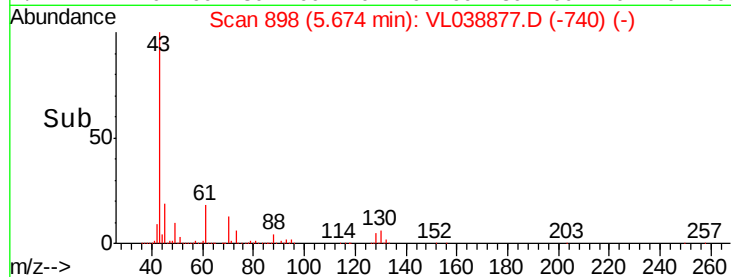
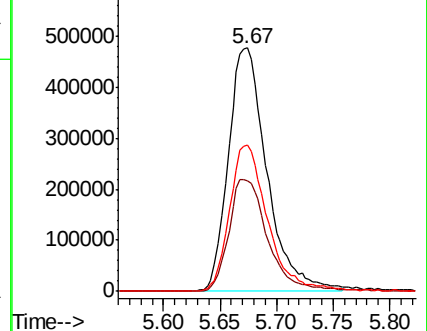
130 60.1 30.9 92.8



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: 0.603 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038877.D

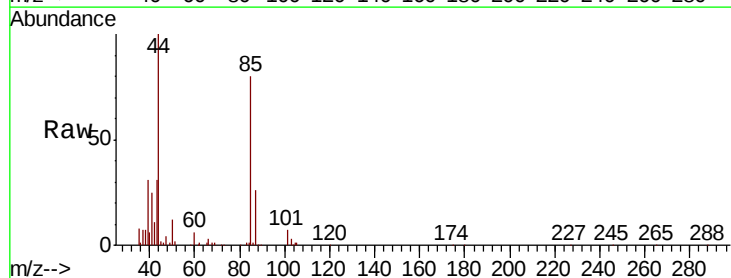
Acq: 11 Apr 2022 19:40

Tgt Ion: 85 Resp: 96890

Ion Ratio Lower Upper

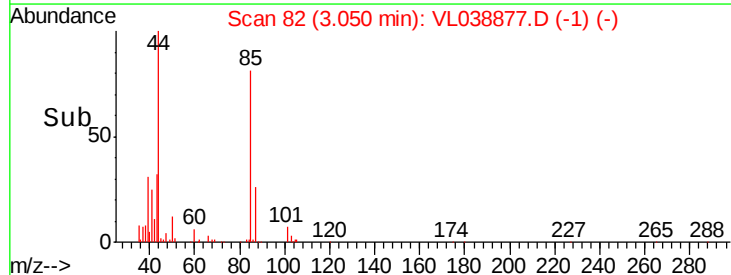
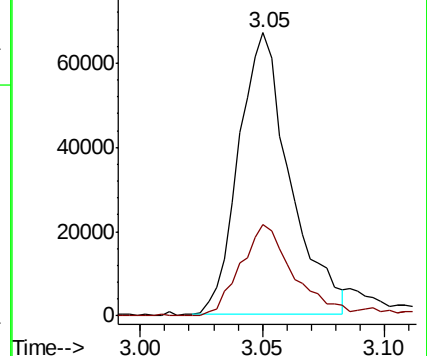
85 100

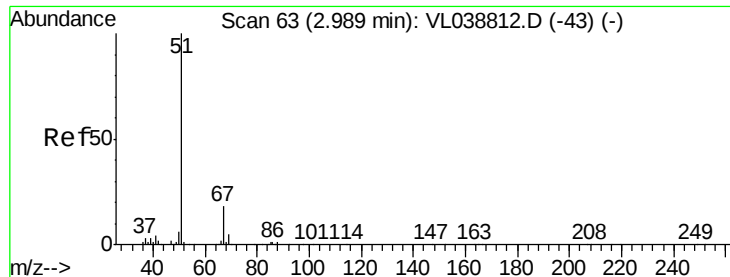
87 32.0 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.366 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

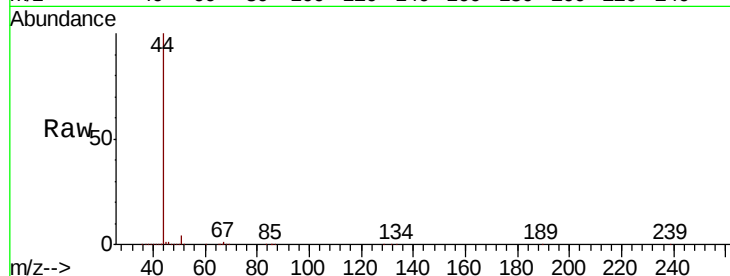
Acq: 11 Apr 2022 19:40

Tot Ion: 51 Resp: 50642

Ion Ratio Lower Upper

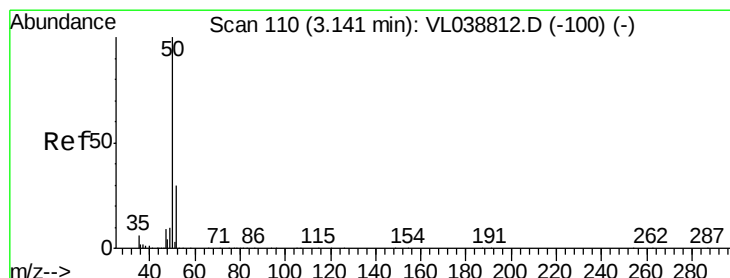
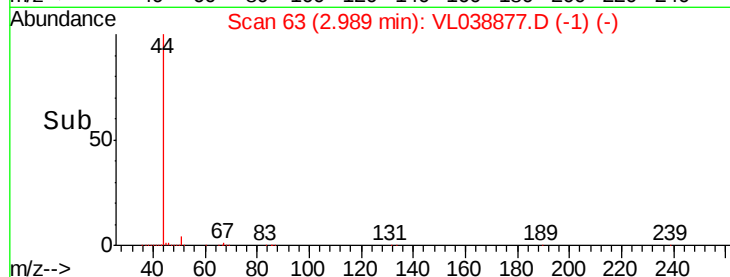
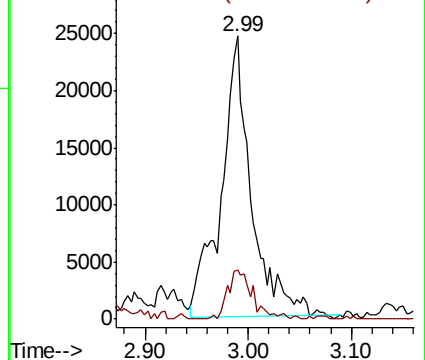
51 100

67 14.7 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: 0.684 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038877.D

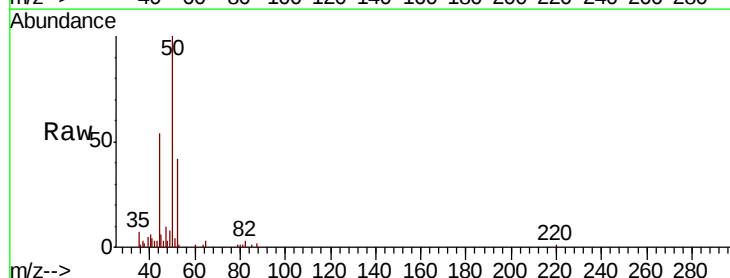
Acq: 11 Apr 2022 19:40

Tgt Ion: 50 Resp: 48950

Ion Ratio Lower Upper

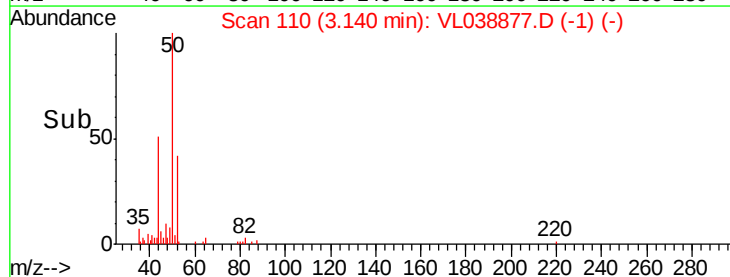
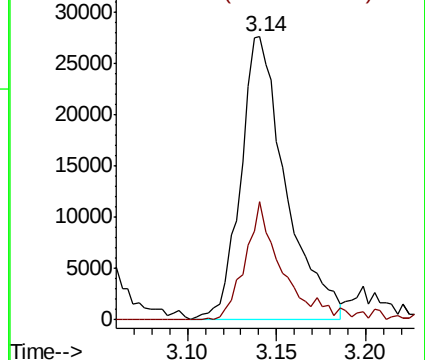
50 100

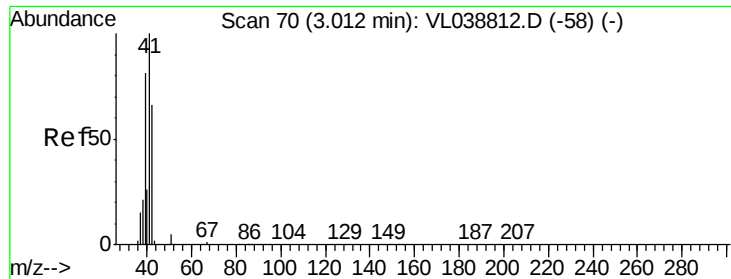
52 42.7 24.3 36.5#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 3.242 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: LA-2

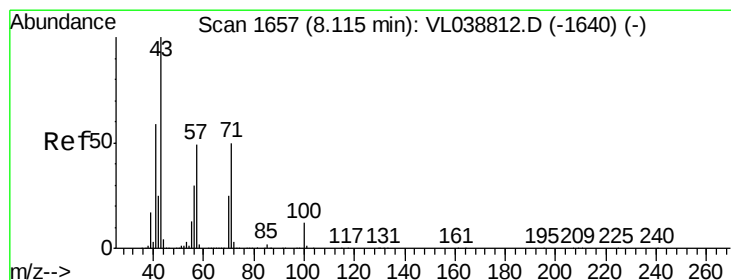
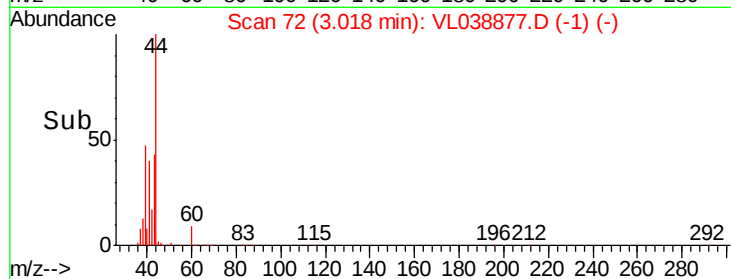
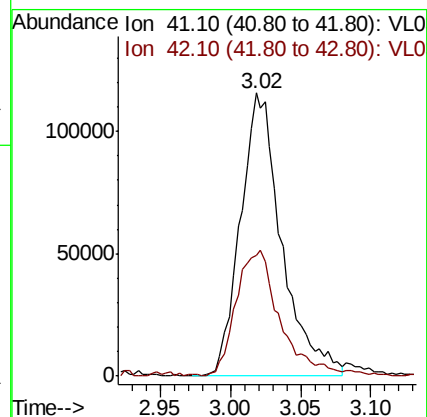
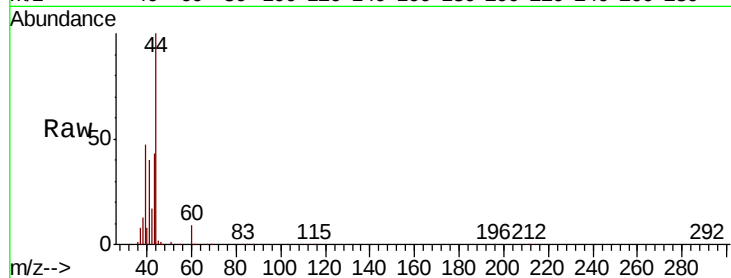
Acq: 11 Apr 2022 19:40

Tot Ion: 41 Resp: 237030

Ion Ratio Lower Upper

41 100

42 47.3 54.2 81.4#



#10

Heptane

Concen: 49.168 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038877.D

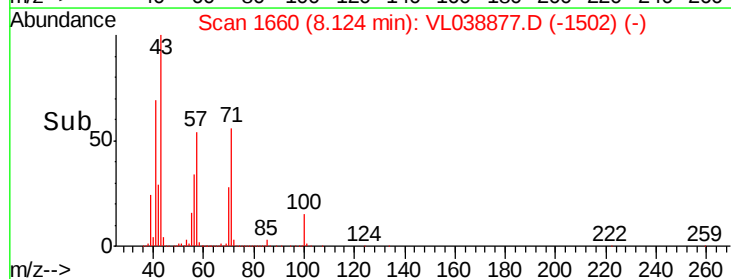
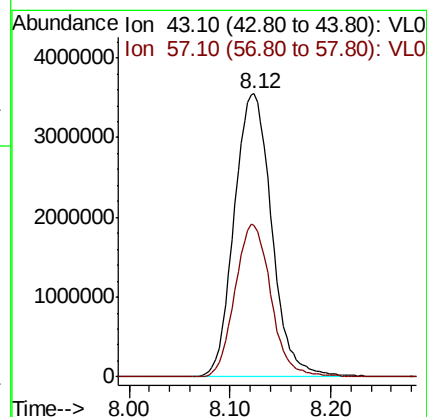
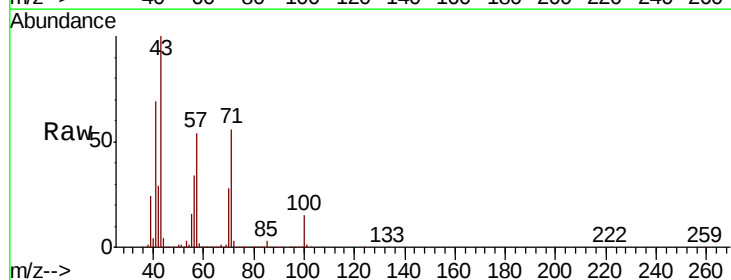
Acq: 11 Apr 2022 19:40

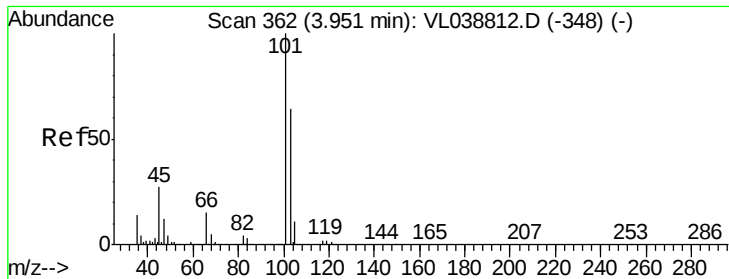
Tgt Ion: 43 Resp: 9054973

Ion Ratio Lower Upper

43 100

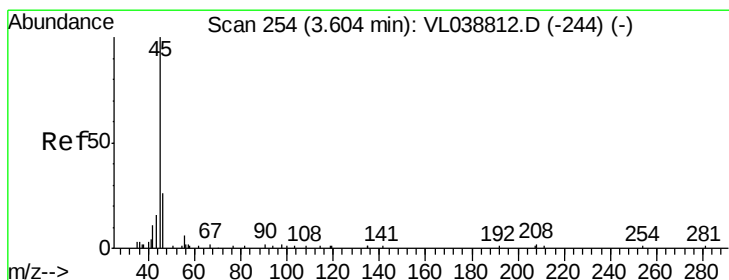
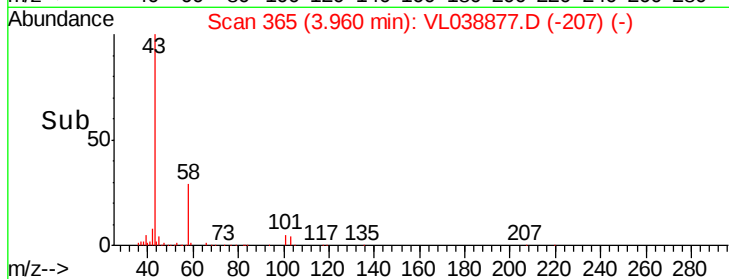
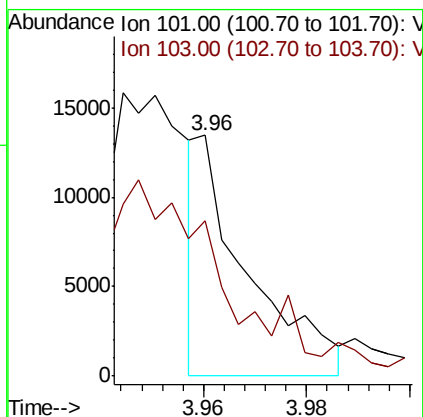
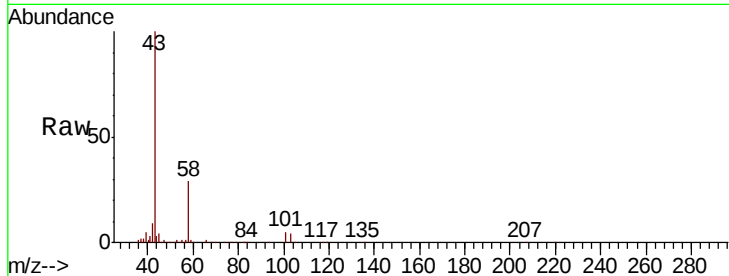
57 52.6 39.3 58.9





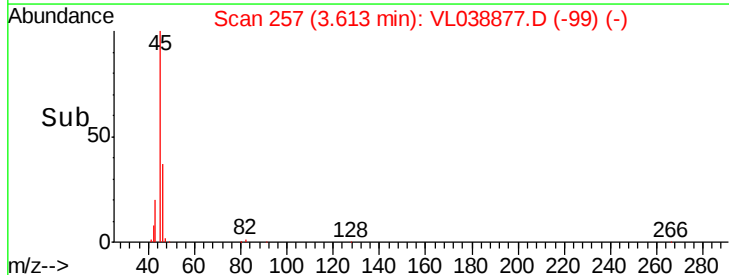
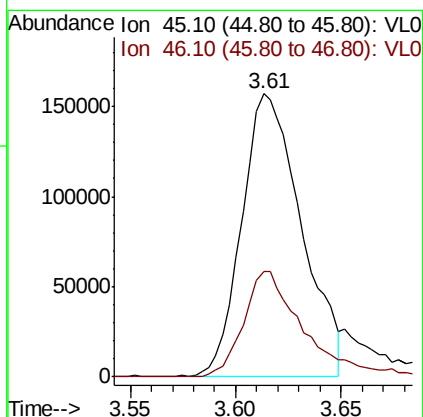
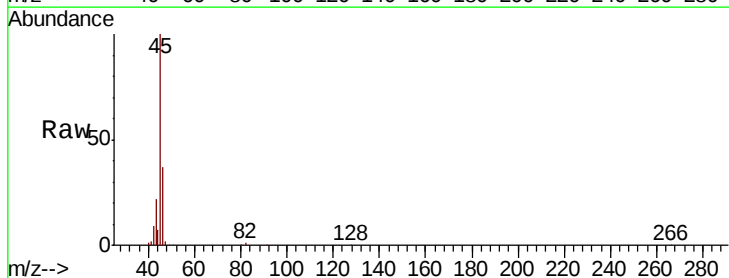
#11
 Trichlorofluoromethane
 Concen: 0.070 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 19:40

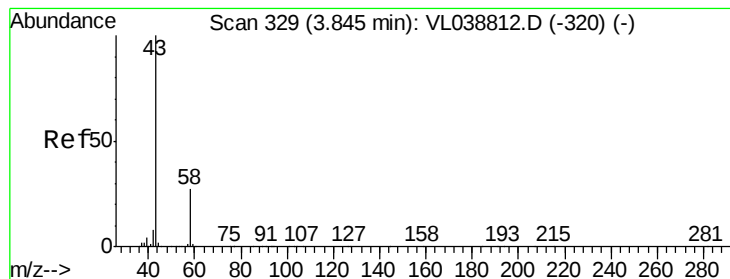
Tot Ion: 101 Resp: 9035
 Ion Ratio Lower Upper
 101 100
 103 57.4 51.4 77.0



#13
 Ethanol
 Concen: 69.349 ppbv
 RT: 3.61 min Scan# 257
 Delta R.T. 0.01 min
 Lab File: VL038877.D
 Acq: 11 Apr 2022 19:40

Tgt Ion: 45 Resp: 308132
 Ion Ratio Lower Upper
 45 100
 46 39.0 0.0 0.0#





#15

Acetone

Concen: 223.055 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

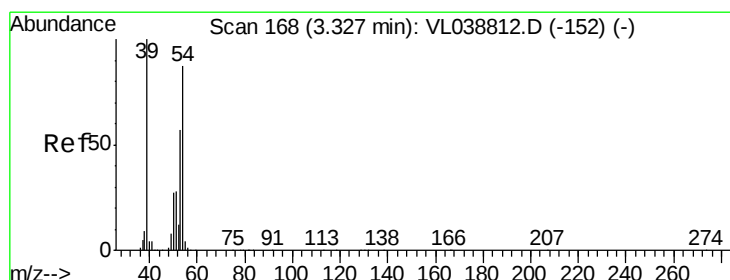
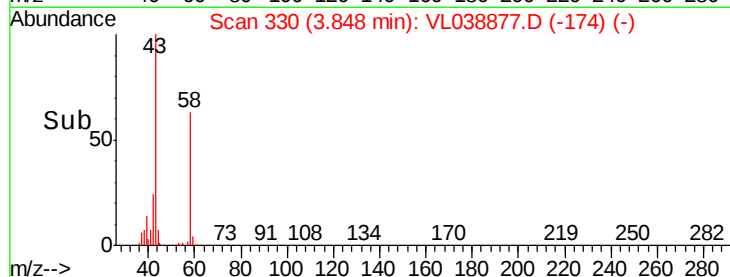
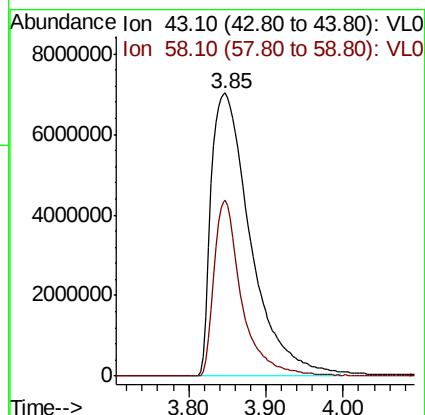
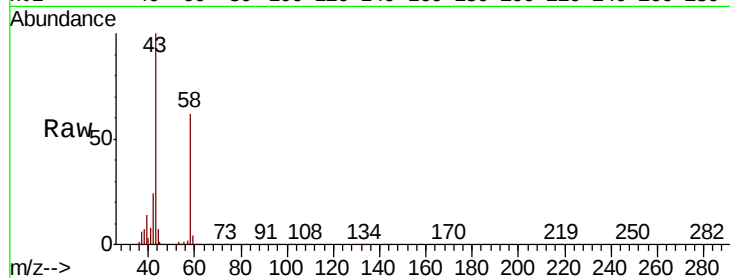
Acq: 11 Apr 2022 19:40

Tot Ion: 43 Resp: 25145641

Ion Ratio Lower Upper

43 100

58 44.3 22.5 33.7#



#16

1,3-Butadiene

Concen: 0.410 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL038877.D

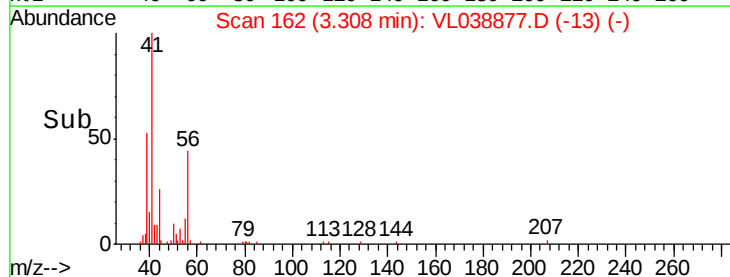
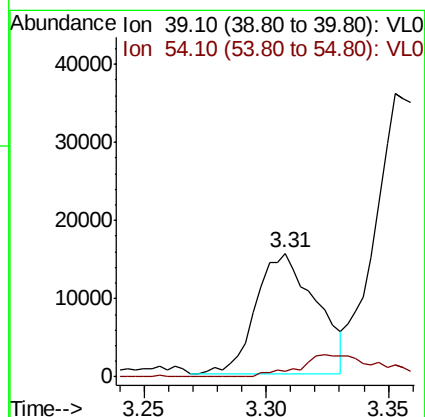
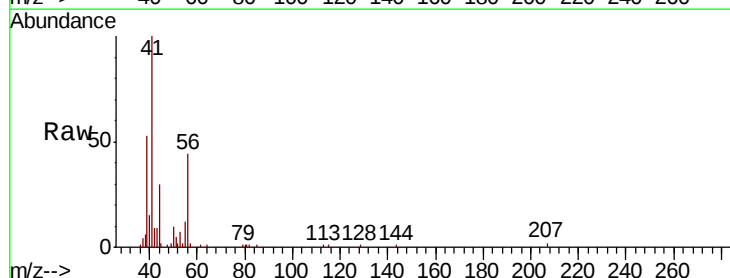
Acq: 11 Apr 2022 19:40

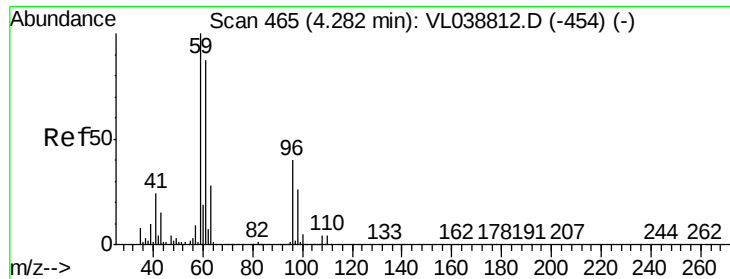
Tgt Ion: 39 Resp: 26417

Ion Ratio Lower Upper

39 100

54 31.5 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.071 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

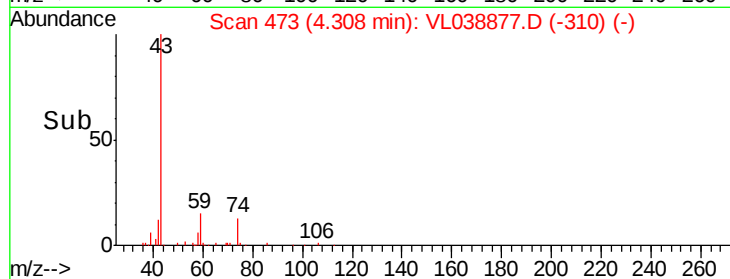
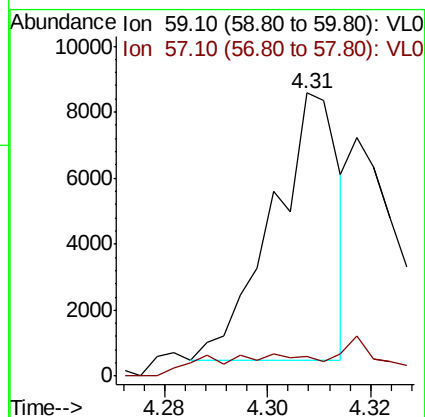
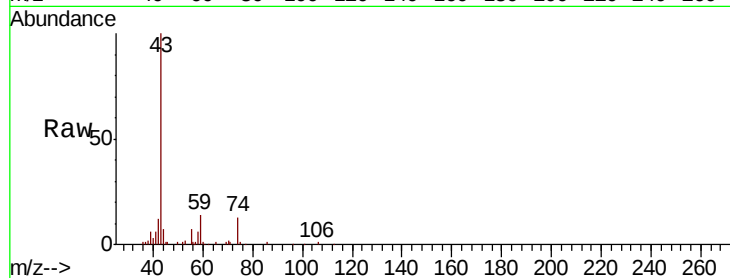
Acq: 11 Apr 2022 19:40

Tot Ion: 59 Resp: 7194

Ion Ratio Lower Upper

59 100

57 182.5 8.5 12.7#



#19

Isopropyl Alcohol

Concen: 1.694 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.02 min

Lab File: VL038877.D

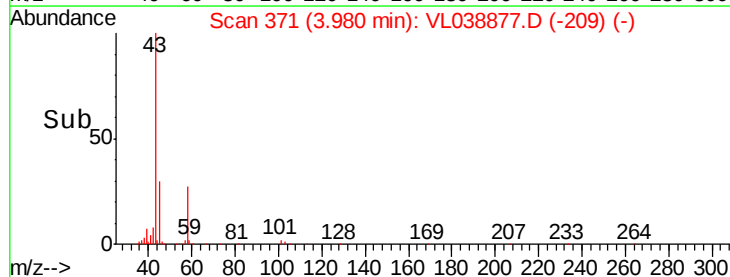
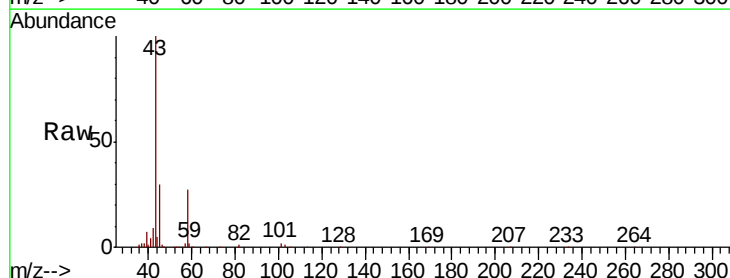
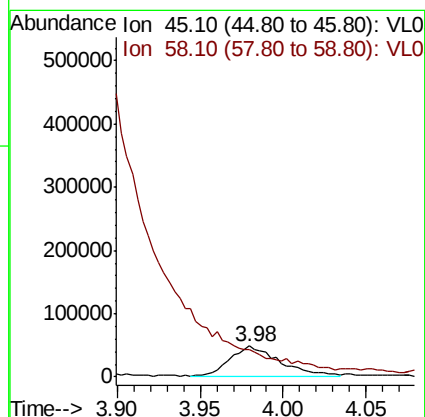
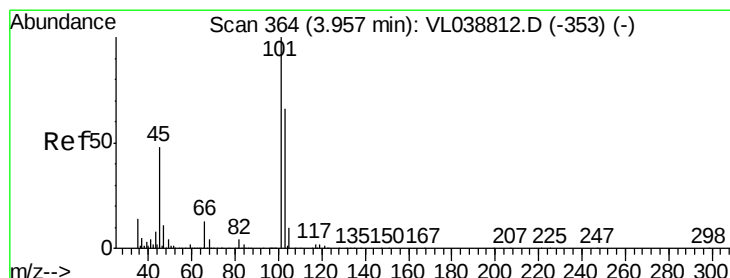
Acq: 11 Apr 2022 19:40

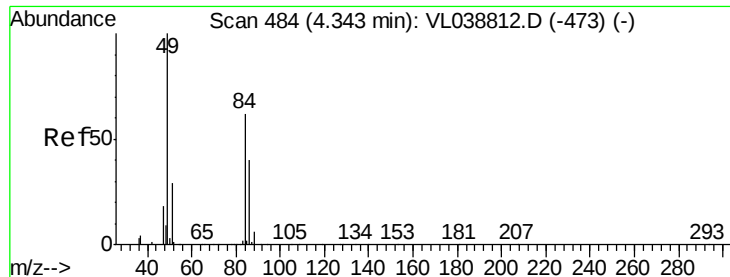
Tgt Ion: 45 Resp: 97602

Ion Ratio Lower Upper

45 100

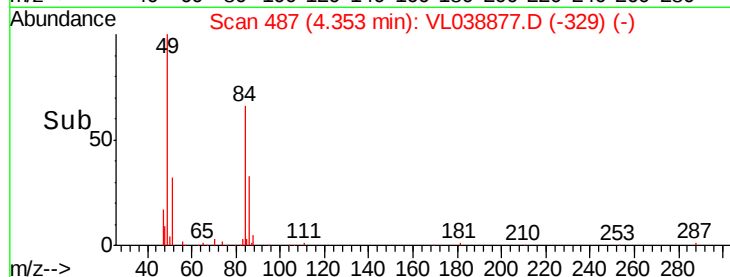
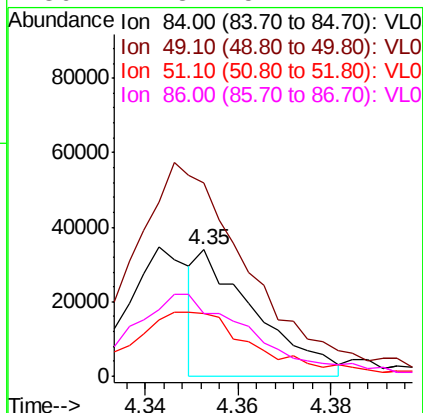
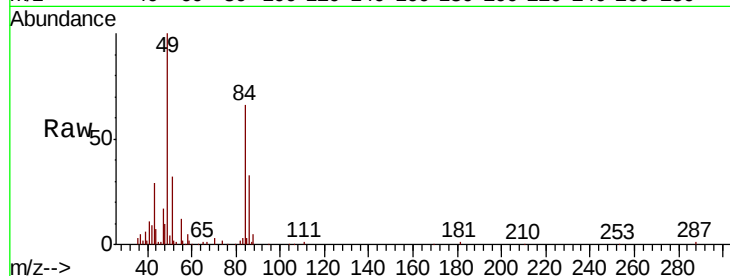
58 0.0 0.0 0.0





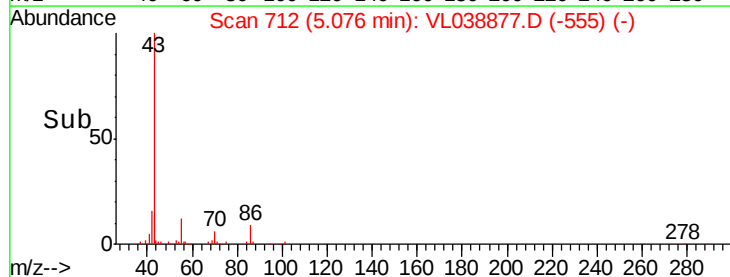
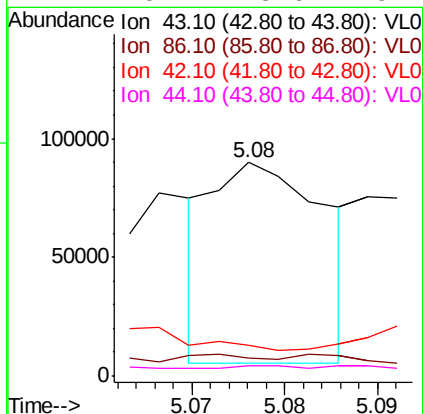
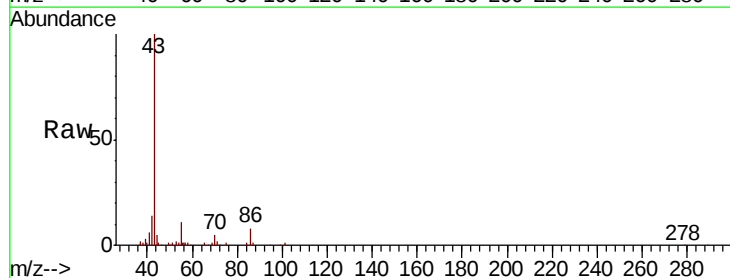
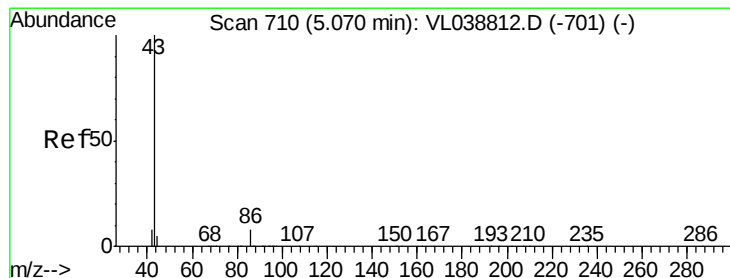
#20
Methylene Chloride
Concen: 0.724 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

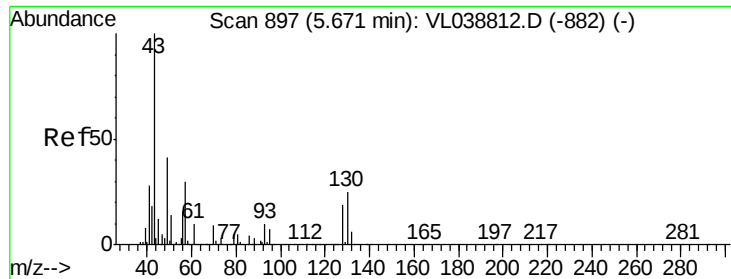
Tot Ion	84	Resp	29597
Ion Ratio	Lower	Upper	
84	100		
49	145.4	129.4	194.0
51	44.1	37.4	56.2
86	44.3	51.4	77.2#



#23
Vinyl Acetate
Concen: 0.650 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.01 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

Tgt Ion	43	Resp	71355
Ion Ratio	Lower	Upper	
43	100		
86	0.0	5.8	8.6#
42	0.6	7.8	11.6#
44	6.2	3.6	5.4#

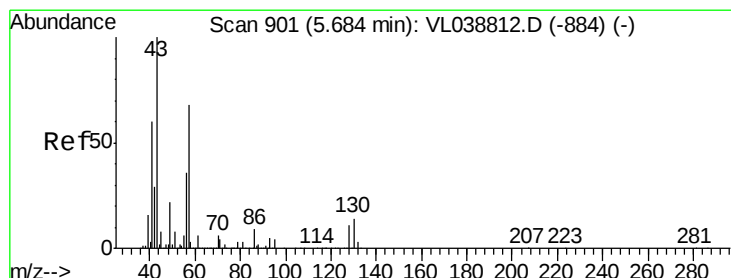
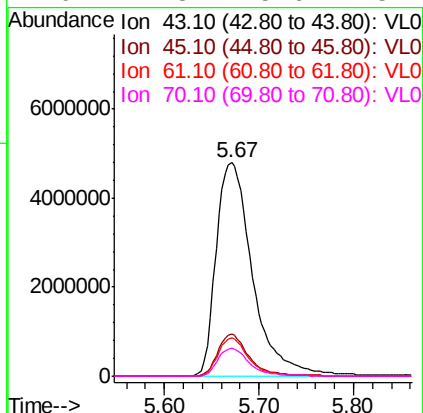
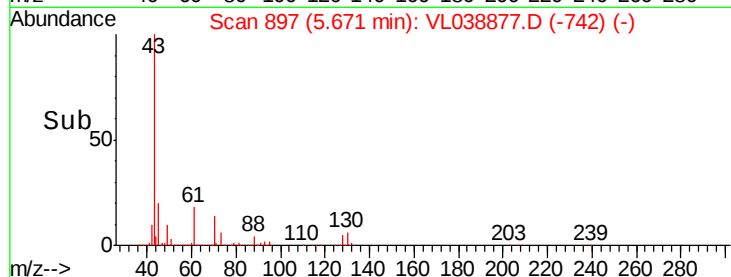
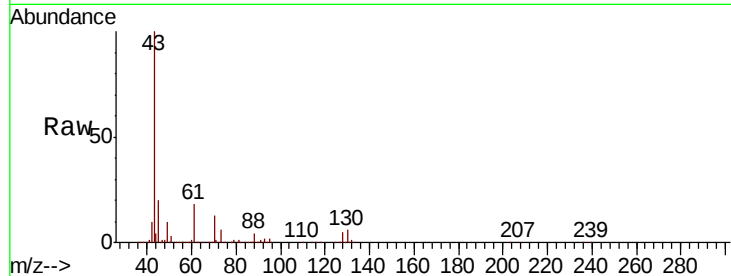




#25
Ethyl Acetate
Concen: 44.766 ppbv
RT: 5.67 min
Delta R.T.: 0.00 min
Lab File: VL038812.D
Acq: 11 Apr 2022 19:40

Tot Ion: 43 Resp: 12805186

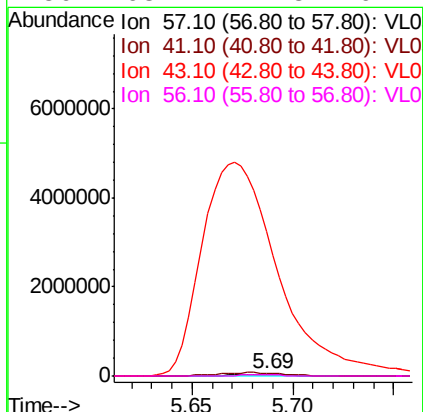
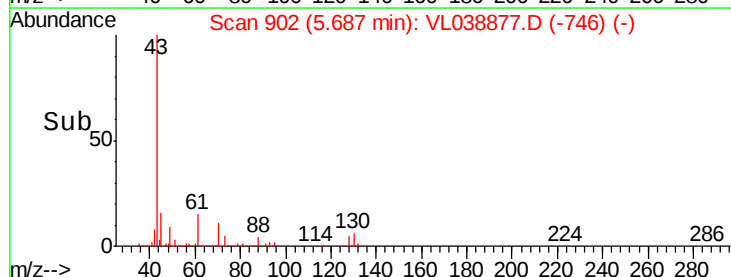
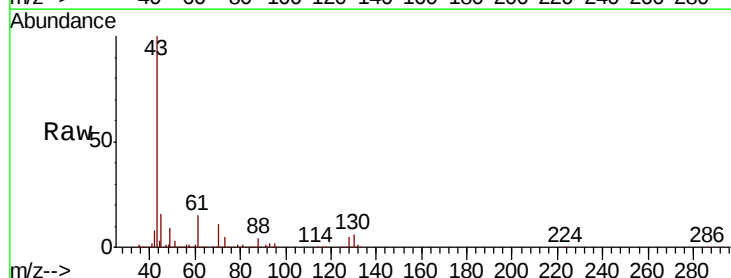
Ion	Ratio	Lower	Upper
43	100		
45	17.2	8.4	12.6#
61	15.8	7.9	11.9#
70	11.8	5.6	8.4#

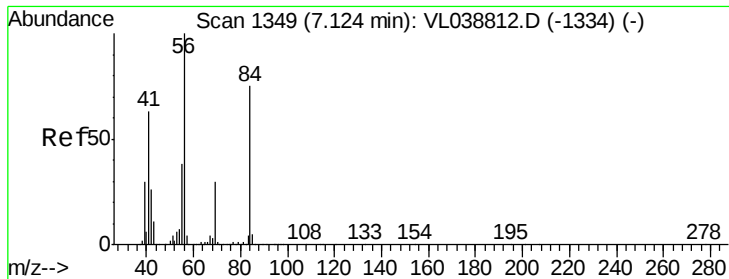


#26
Hexane
Concen: 0.586 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

Tgt Ion: 57 Resp: 76336

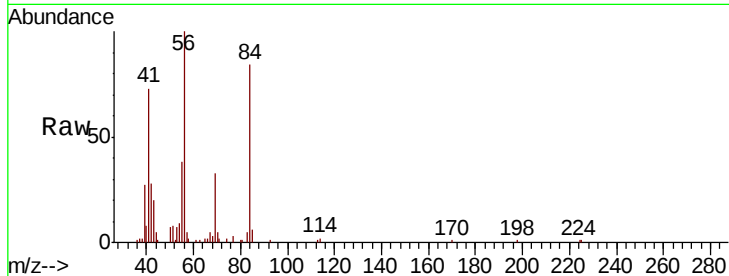
Ion	Ratio	Lower	Upper
57	100		
41	238.4	72.0	108.0#
43	17084.1	186.6	280.0#
56	63.2	42.8	64.2





#30
Cvclohexane
Concen: 0.422 ppbv
RT: 7.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

Tot Ion	84	Resp	48479
Ion Ratio	Lower	Upper	
84	100		
56	0.0	114.4	171.6#
41	449.5	69.0	103.4#

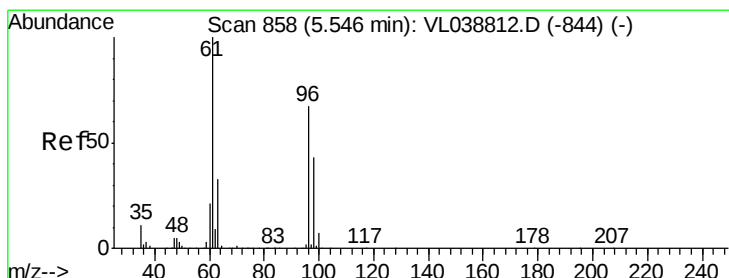
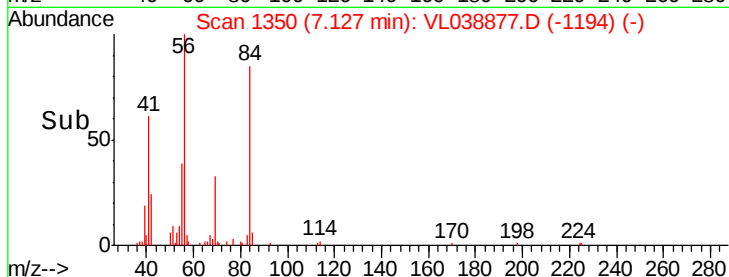
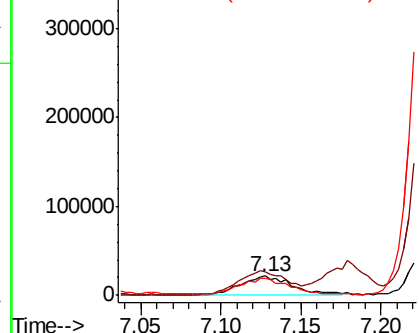


Abundance

Ion 84.20 (83.90 to 84.90): VL0

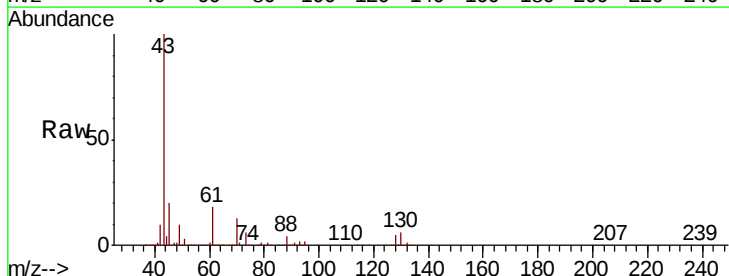
Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#31
cis-1,2-Dichloroethene
Concen: 16.632 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.13 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

Tgt Ion	61	Resp	1991163
Ion Ratio	Lower	Upper	
61	100		
96	0.2	53.4	80.0#
98	0.0	34.2	51.4#

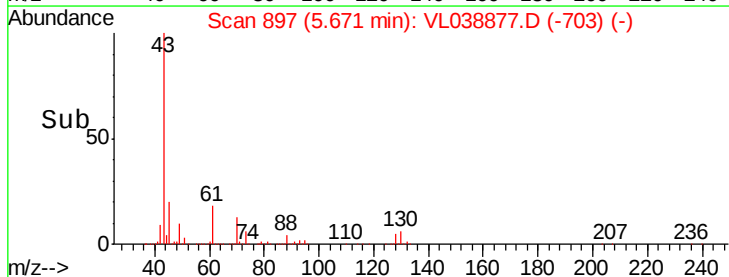
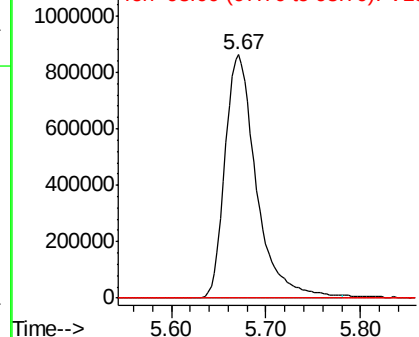


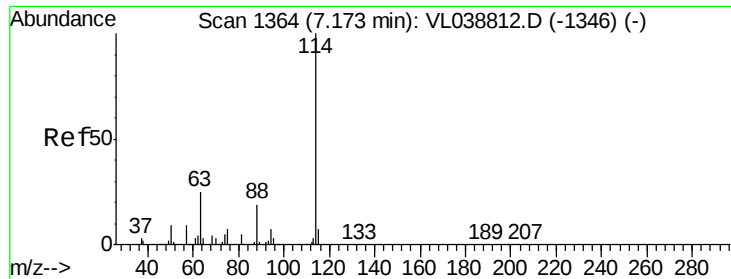
Abundance

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: 7.18

Instrument: MSVOA_1

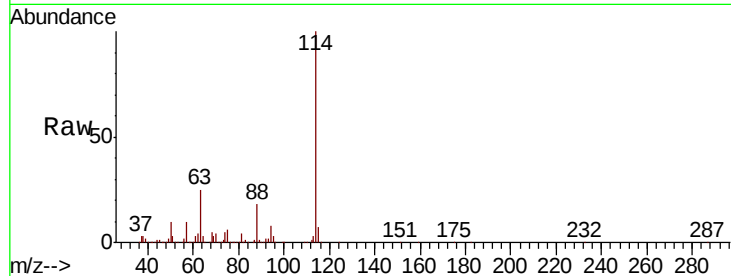
Delta R.T. ClientSampleId:

Lab File: IA-2

Acq: 11 Apr 2022 19:40

Tot Ion:114 Resp: 3307213

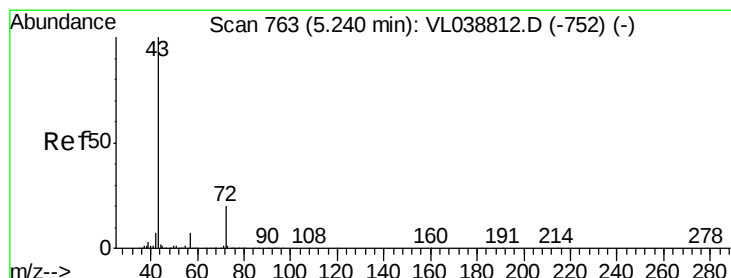
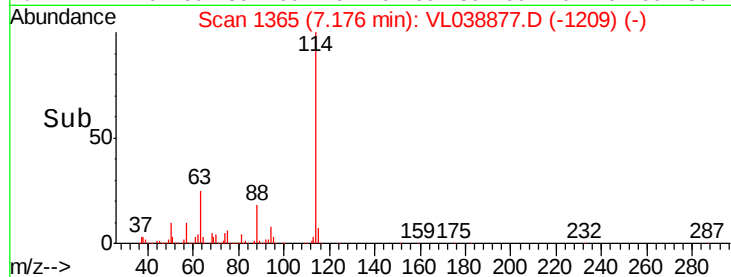
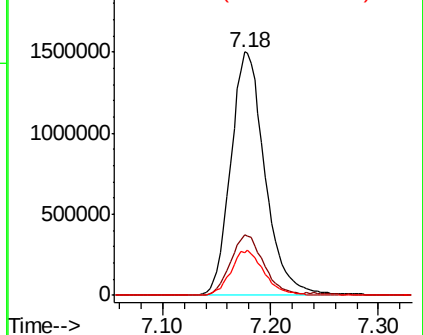
Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.8	29.8
88	18.2	14.2	21.4



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 2.182 ppbv

RT: 5.25 min Scan# 766

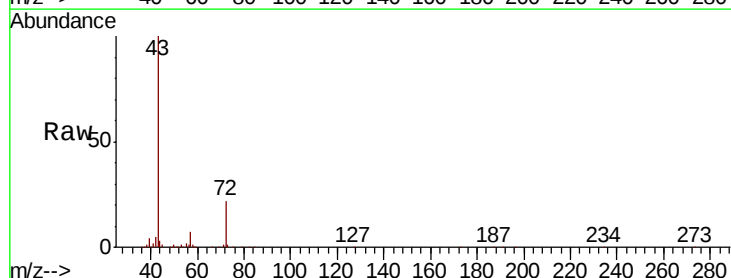
Delta R.T. 0.01 min

Lab File: VL038877.D

Acq: 11 Apr 2022 19:40

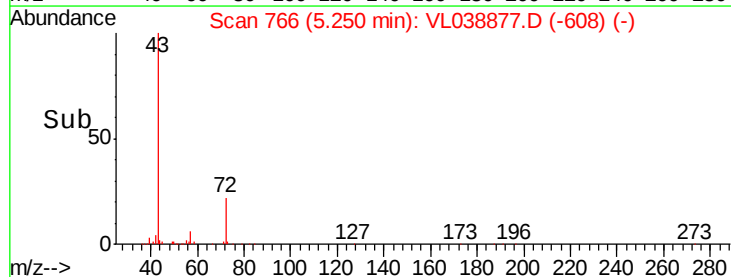
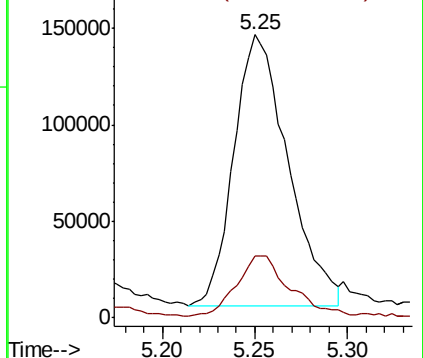
Tgt Ion: 43 Resp: 285130

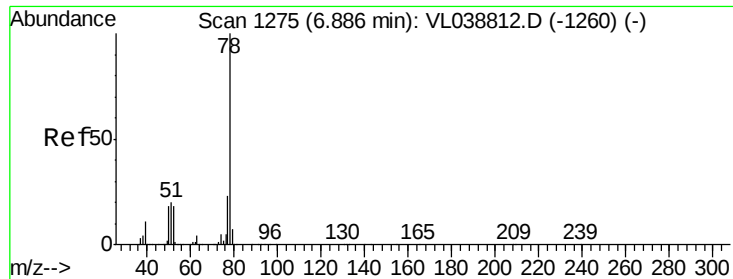
Ion	Ratio	Lower	Upper
43	100		
72	24.7	16.9	25.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

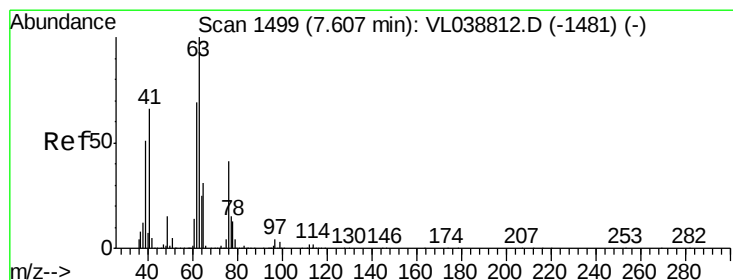
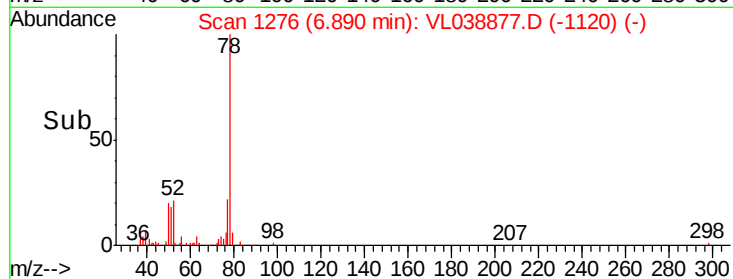
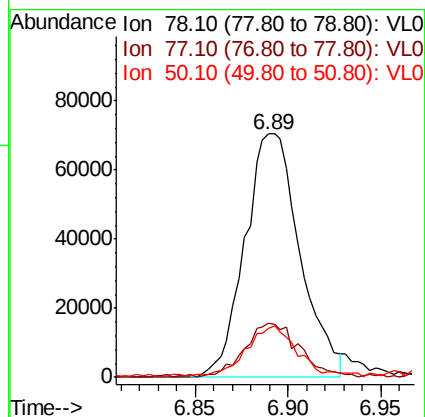
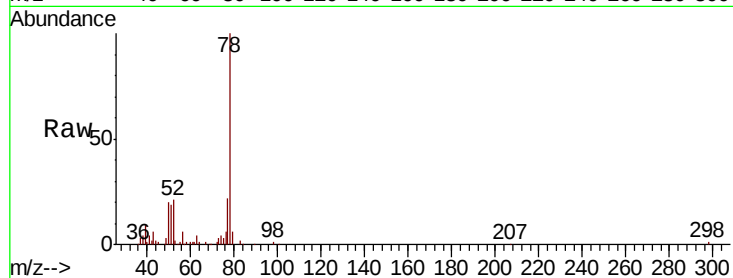
Ion 72.10 (71.80 to 72.80): VL0





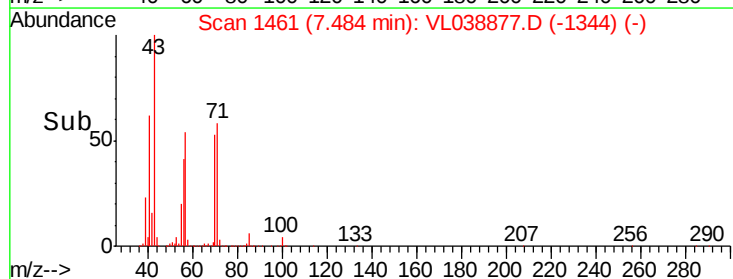
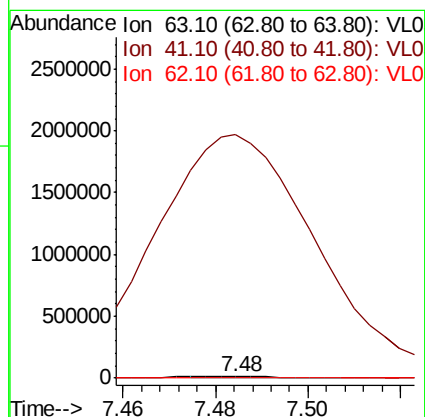
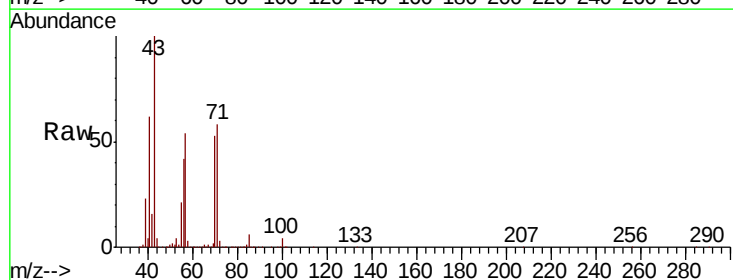
#36
Benzene
Concen: 0.483 ppbv
RT: 6.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

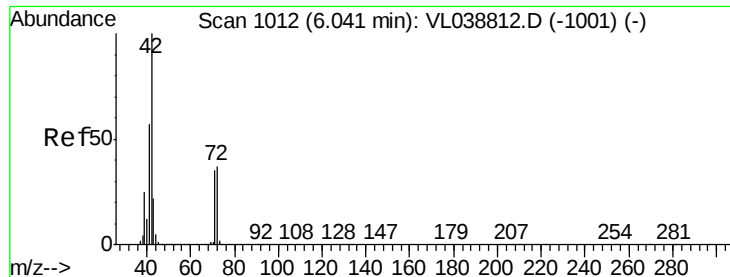
Tot Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.2	27.2
50	19.4	14.0	21.0



#39
1,2-Dichloropropane
Concen: 0.100 ppbv
RT: 7.48 min Scan# 1461
Delta R.T. -0.12 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

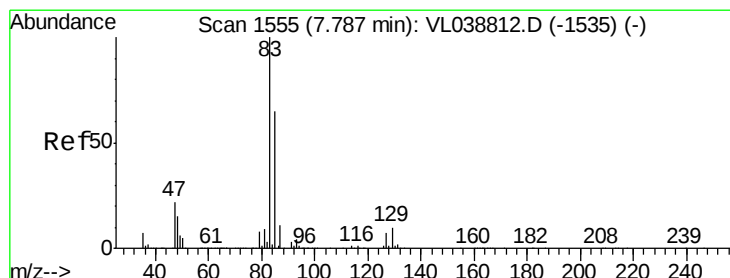
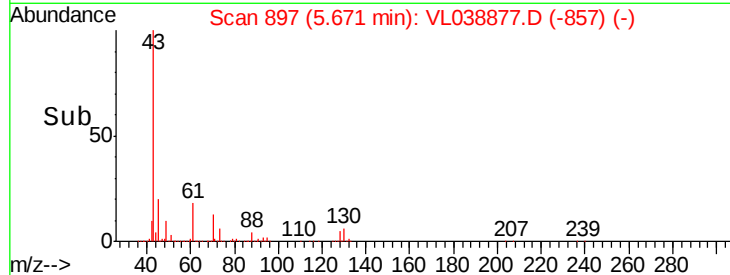
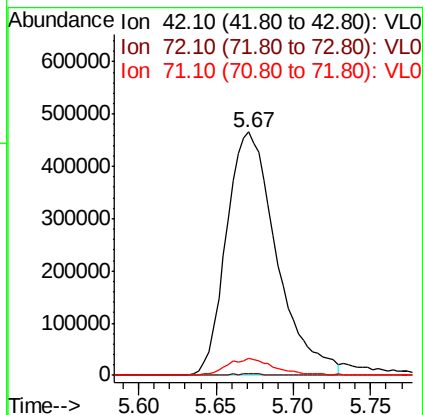
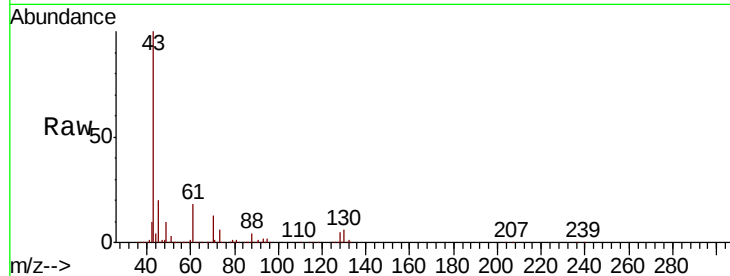
Tgt Ion	Ratio	Lower	Upper
63	100		
41	12555.6	53.0	79.6#
62	31.6	55.0	82.4#





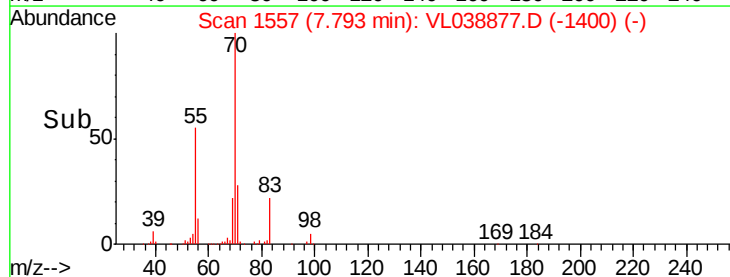
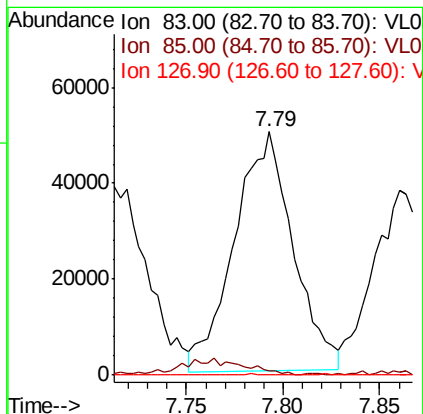
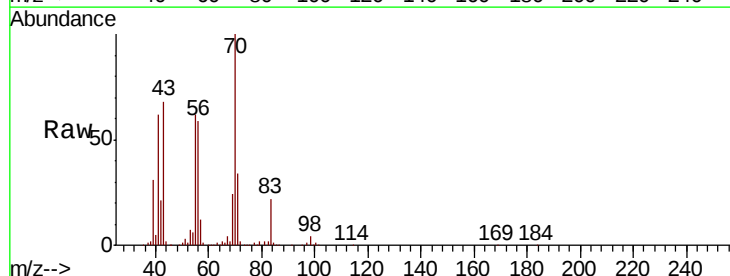
#41
Tetrahydrofuran
Concen: 8.401 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

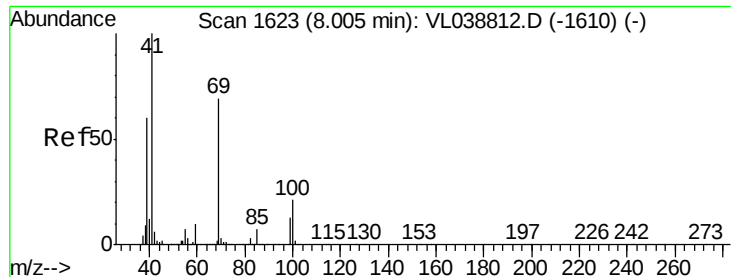
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.6	31.4	47.0#
71	7.0	30.2	45.4#



#42
Bromodichloromethane
Concen: 0.486 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.01 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	1.4	51.7	77.5#
127	0.0	5.9	8.9#





#43

Methyl Methacrylate

Concen: 0.706 ppbv

RT: 8.12

Instrument: MSVOA_1

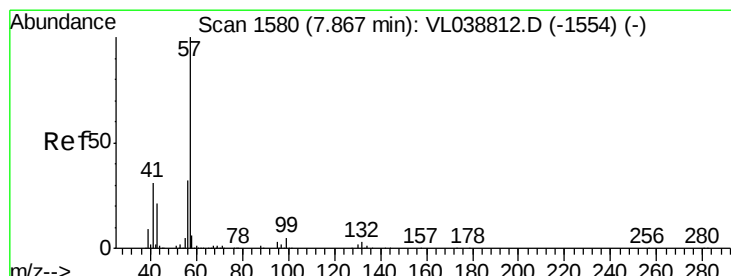
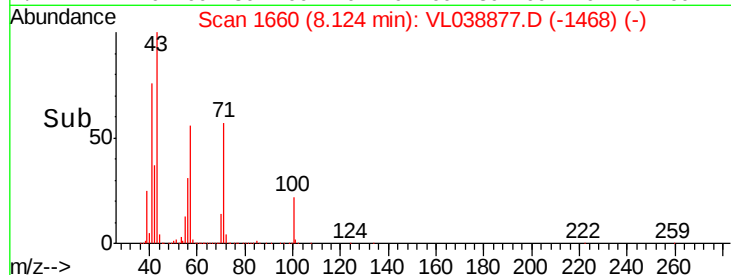
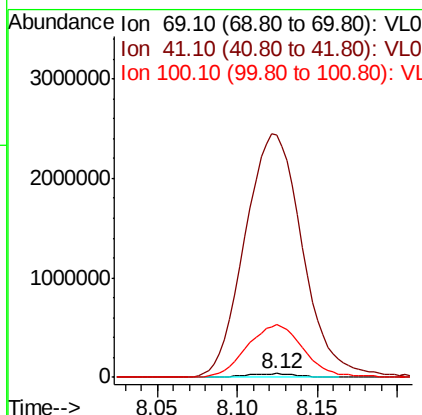
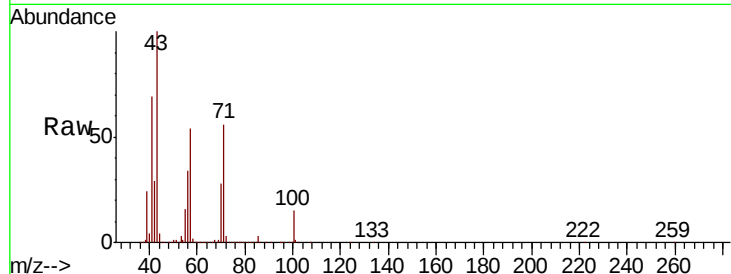
Delta R.T. ClientSampleId:

Lab File: A-2

Acq: 11 Apr 2022 19:40

Tot Ion: 69 Resp: 81329

Ion	Ratio	Lower	Upper
69	100		
41	7512.8	119.0	178.4#
100	1585.9	26.4	39.6#



#44

2,2,4-Trimethylpentane

Concen: 0.260 ppbv

RT: 7.87 min Scan# 1581

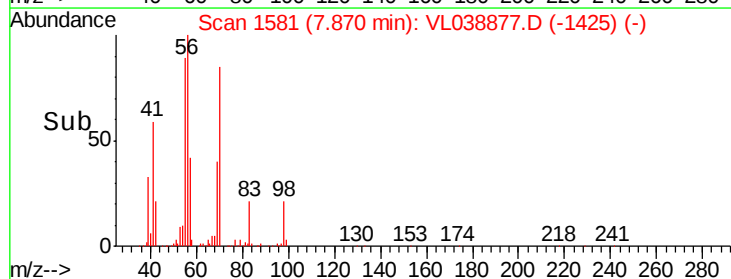
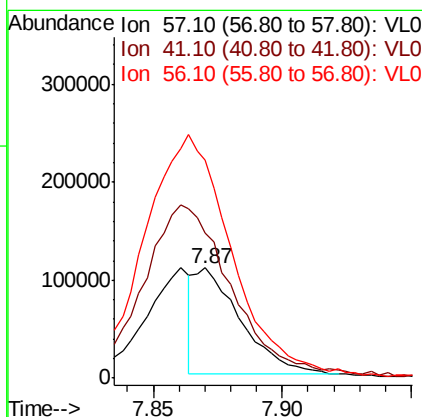
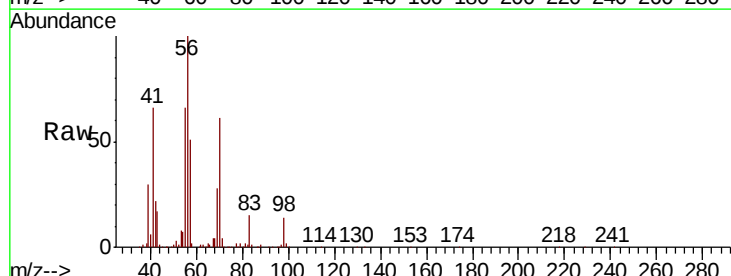
Delta R.T. 0.00 min

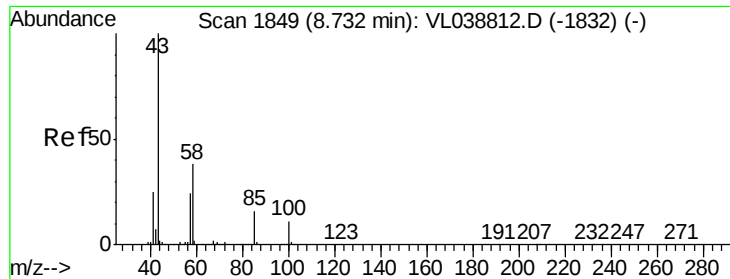
Lab File: VL038877.D

Acq: 11 Apr 2022 19:40

Tgt Ion: 57 Resp: 132508

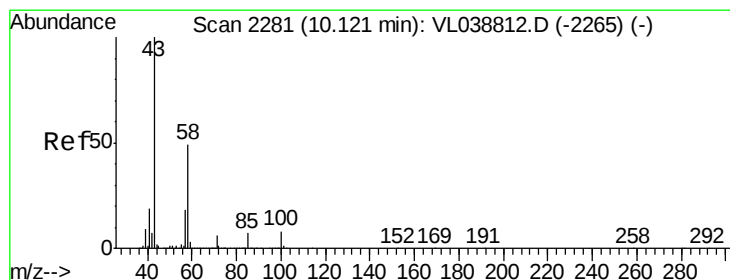
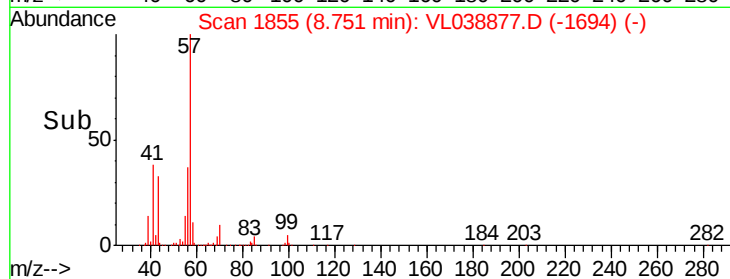
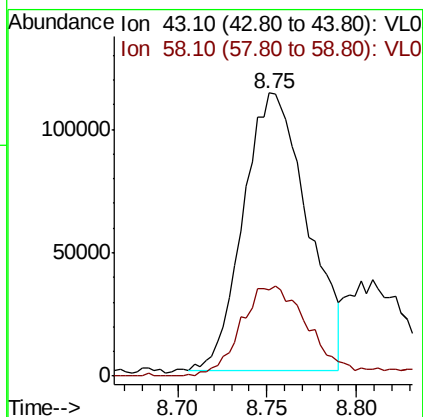
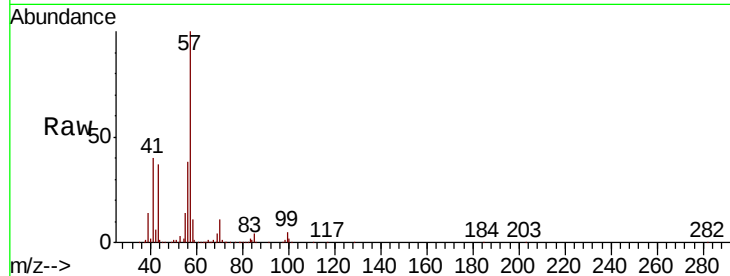
Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.0	37.4#
56	0.0	25.3	37.9#





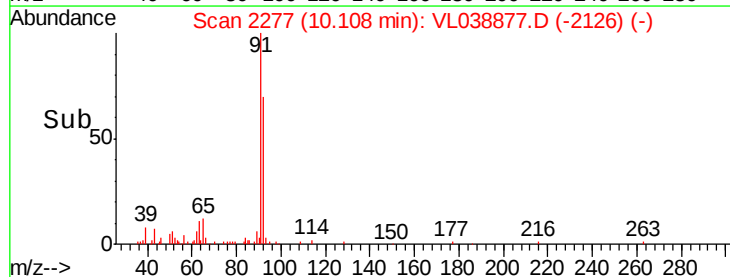
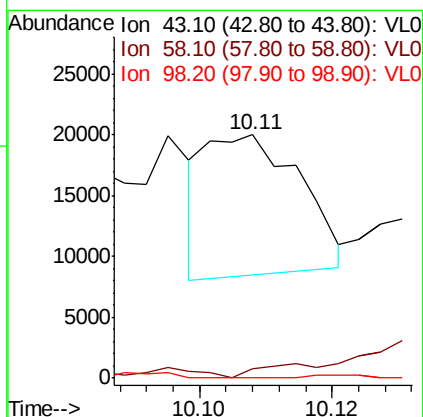
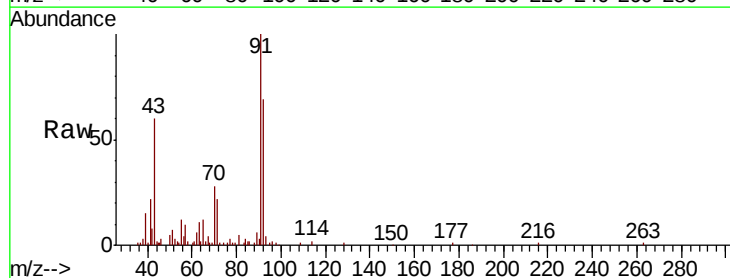
#50
 4-Methyl-2-Pentanone
 Concen: 0.964 ppbv
 RT: 8.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 19:40

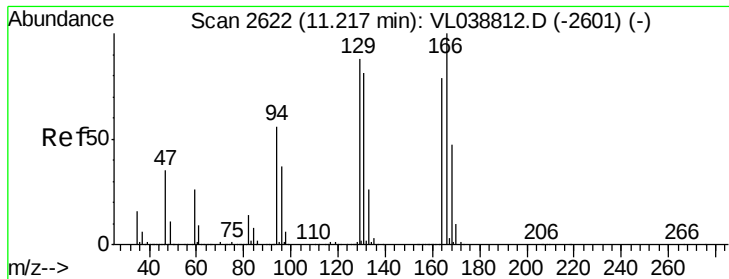
Tot Ion	43	Resp	283489
Ion Ratio	Lower	Upper	
43	100		
58	36.9	29.0	43.6



#51
 2-Hexanone
 Concen: 0.052 ppbv
 RT: 10.11 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: VL038877.D
 Acq: 11 Apr 2022 19:40

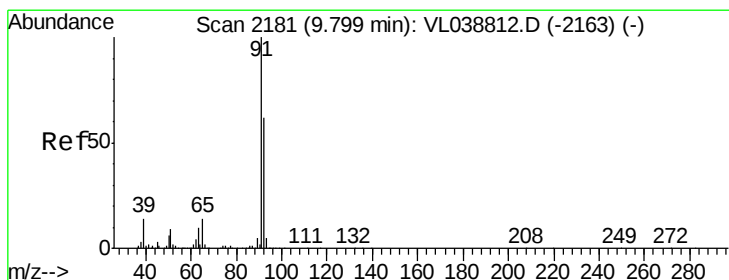
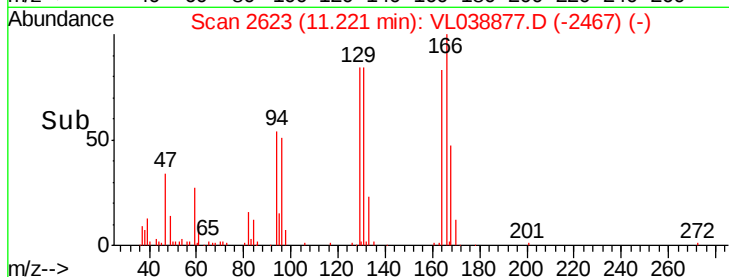
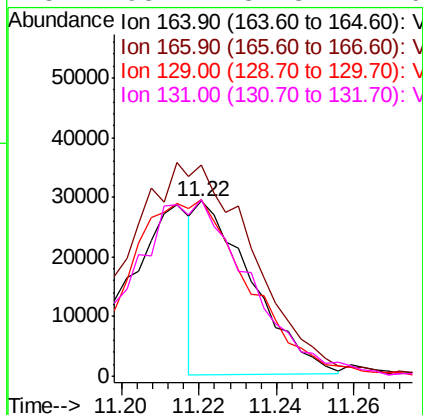
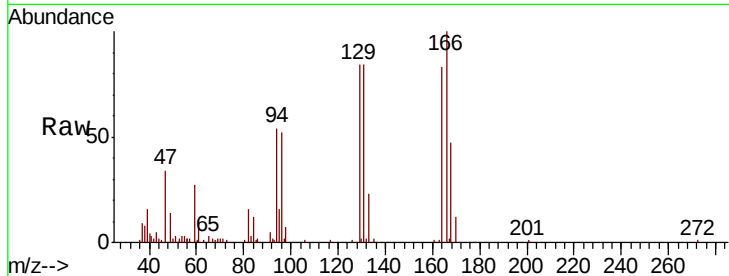
Tgt Ion	43	Resp	11458
Ion Ratio	Lower	Upper	
43	100		
58	118.1	41.4	62.0#
98	0.0	0.1	0.1#





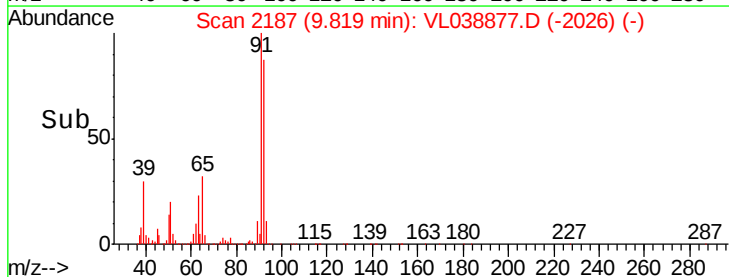
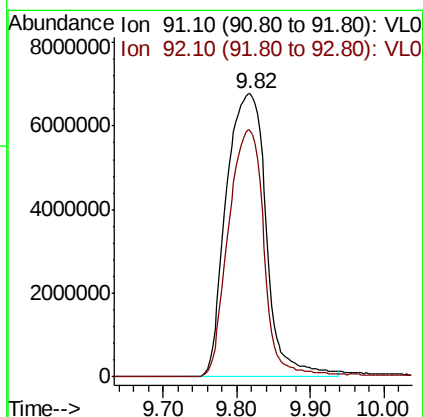
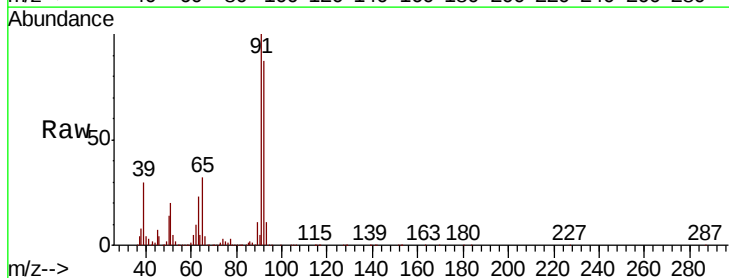
#52
Tetrachloroethene
Concen: 0.277 ppbv
RT: 11.22
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

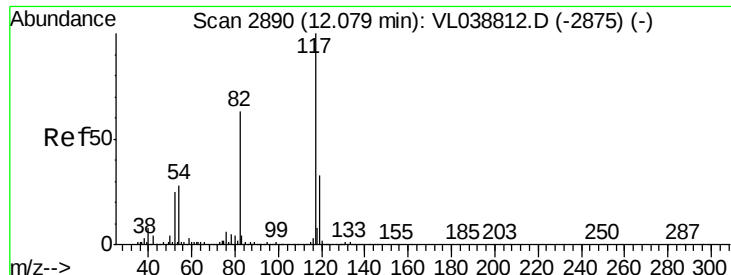
Tot Ion:	164	Resp:	29137
Ion	Ratio	Lower	Upper
164	100		
166	117.7	101.0	151.6
129	97.7	88.7	133.1
131	95.7	81.8	122.6



#53
Toluene
Concen: 73.787 ppbv
RT: 9.82 min Scan# 2187
Delta R.T.: 0.02 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

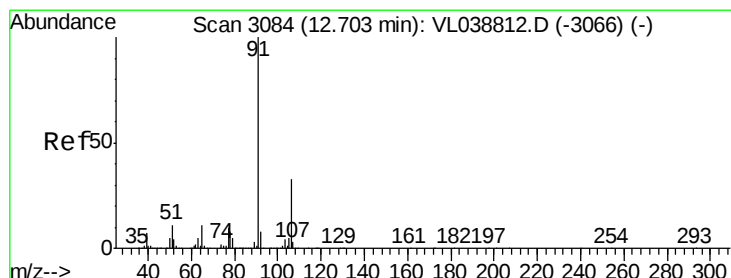
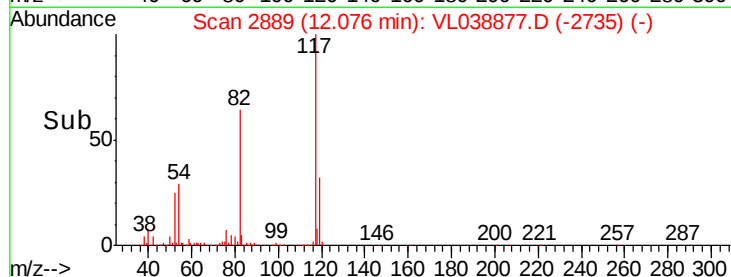
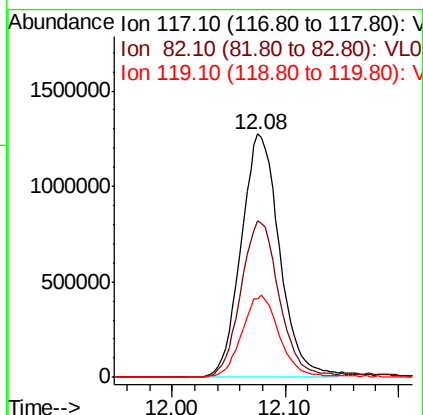
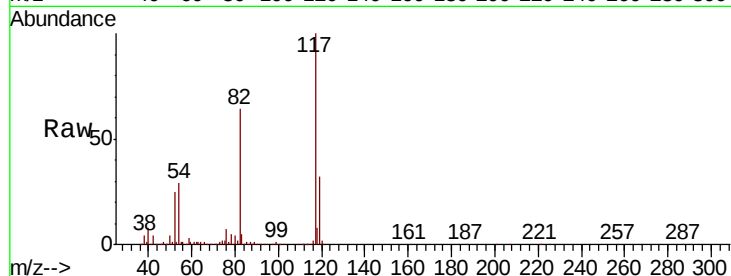
Tgt Ion:	91	Resp:	25627079
Ion	Ratio	Lower	Upper
91	100		
92	79.1	49.2	73.8#





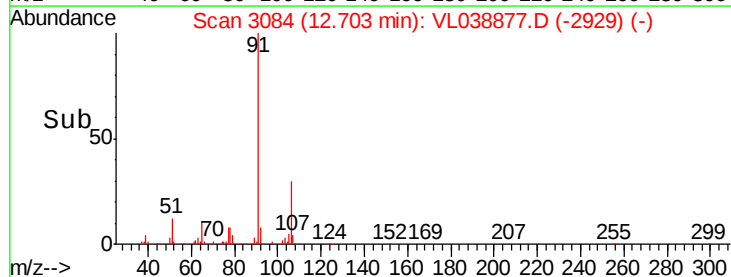
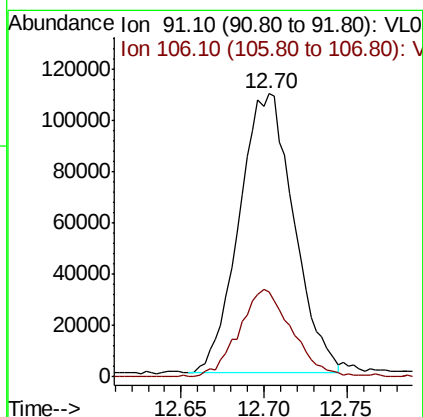
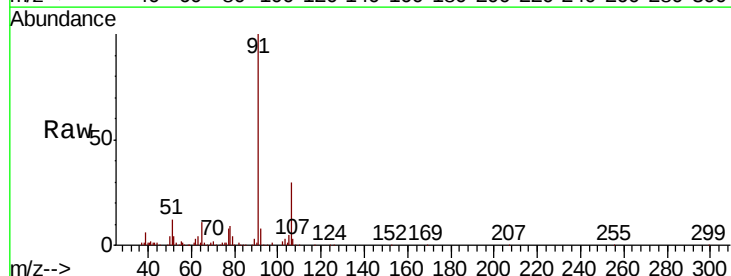
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

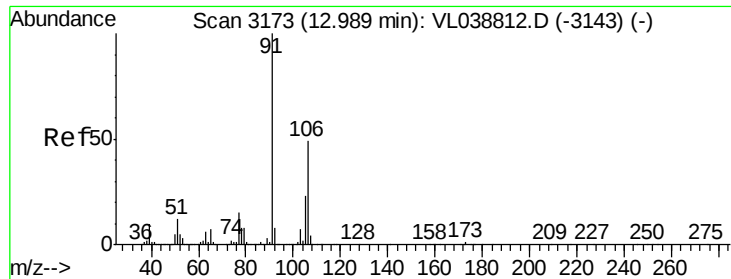
Tot Ion: 117 Resp: 3012634
Ion Ratio Lower Upper
117 100
82 64.8 53.0 79.6
119 33.5 24.9 37.3



#58
Ethyl Benzene
Concen: 0.558 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: -0.00 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

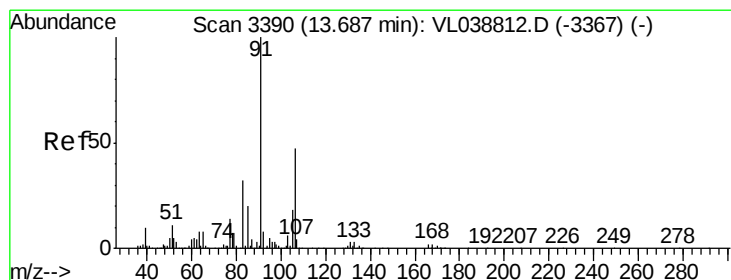
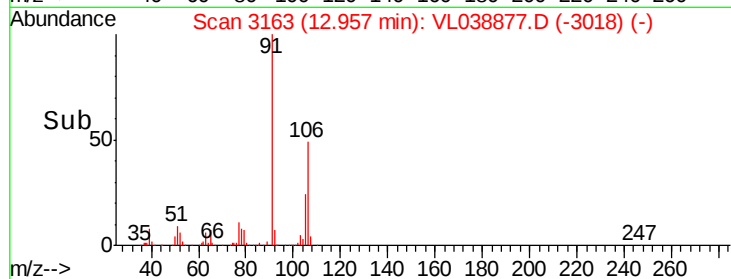
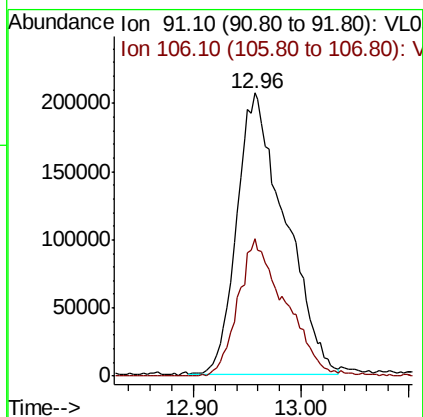
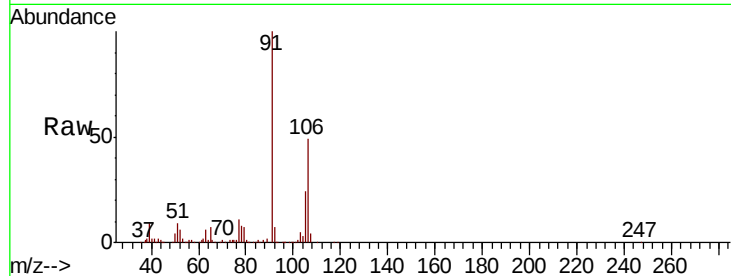
Tgt Ion: 91 Resp: 251022
Ion Ratio Lower Upper
91 100
106 30.0 26.7 40.1





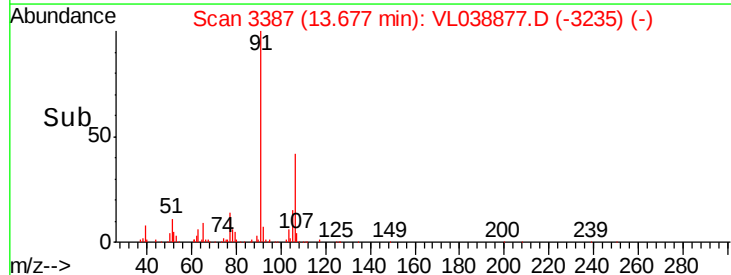
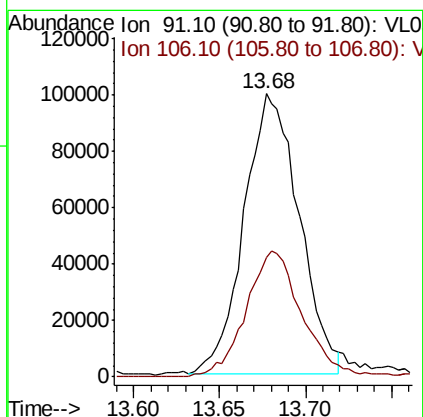
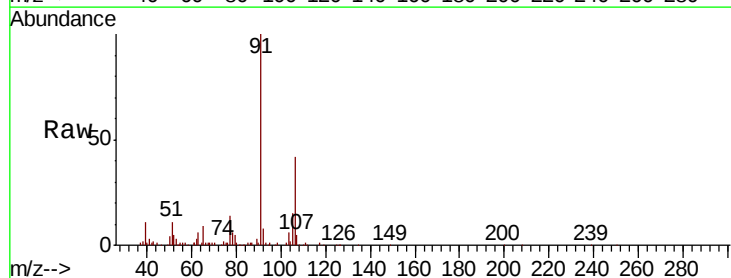
#59
m/p-Xylene
Concen: 1.704 ppbv
RT: 12.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

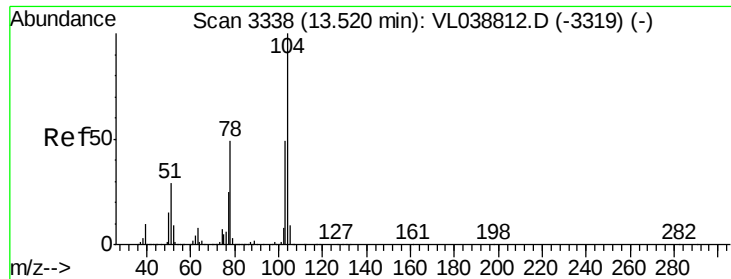
Tot Ion: 91 Resp: 644380
Ion Ratio Lower Upper
91 100
106 48.0 37.1 55.7



#60
o-Xylene
Concen: 0.622 ppbv
RT: 13.68 min Scan# 3387
Delta R.T.: -0.01 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

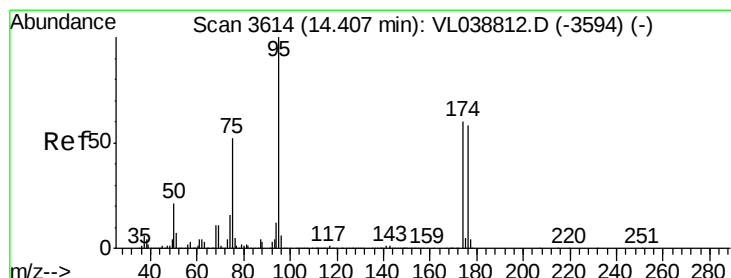
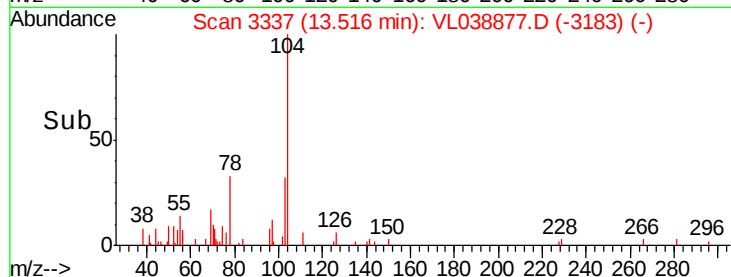
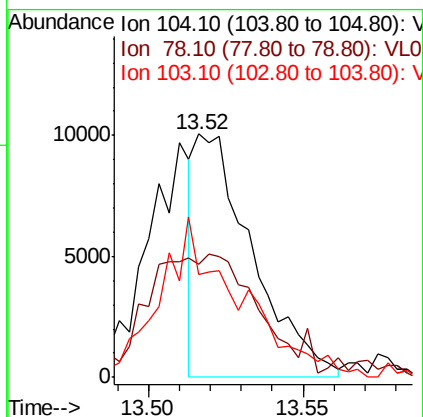
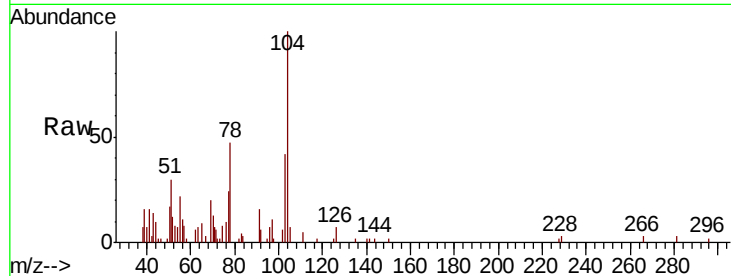
Tgt Ion: 91 Resp: 220171
Ion Ratio Lower Upper
91 100
106 46.5 23.8 71.4





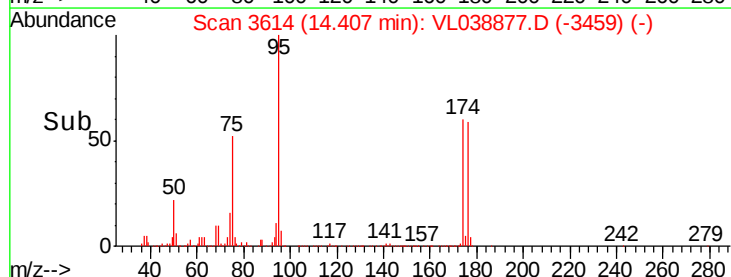
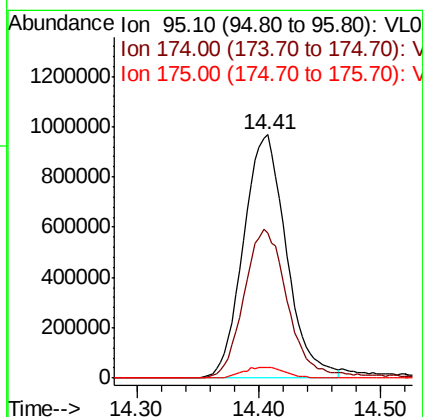
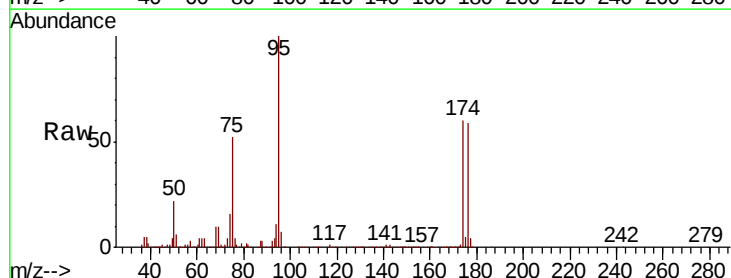
#61
Stvrene
Concen: 0.060 ppbv
RT: 13.52 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 19:40

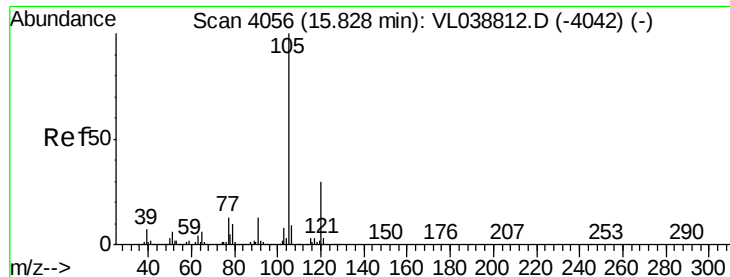
Tot Ion	Ratio	Lower	Upper
104	100		
78	107.2	40.5	60.7#
103	91.7	39.0	58.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.295 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.00 min
Lab File: VL038877.D
Acq: 11 Apr 2022 19:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	52.0	78.0
175	4.6	4.0	6.0





#72

4-Ethyltoluene

Concen: 0.135 ppbv

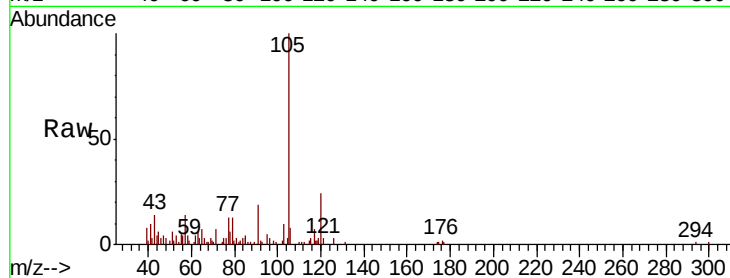
RT: 15.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 19:40

Tot Ion:	105	Resp:	57103
Ion	Ratio	Lower	Upper
105	100		
120	33.6	24.3	36.5
91	17.1	9.4	14.2#
77	18.8	10.6	15.8#



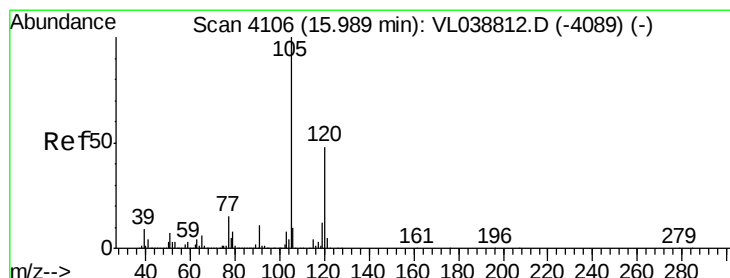
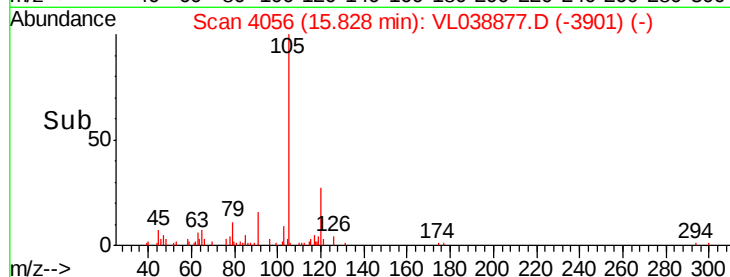
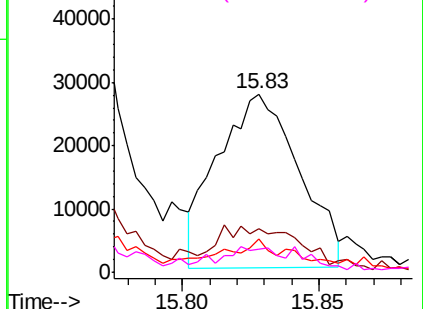
Abundance

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: 0.071 ppbv

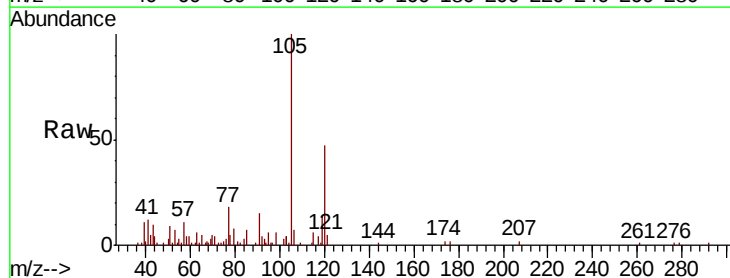
RT: 15.99 min Scan# 4106

Delta R.T. -0.00 min

Lab File: VL038877.D

Acq: 11 Apr 2022 19:40

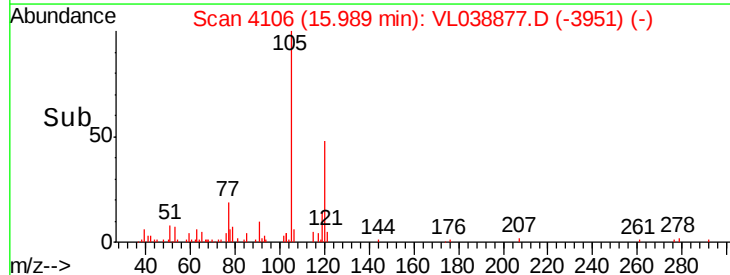
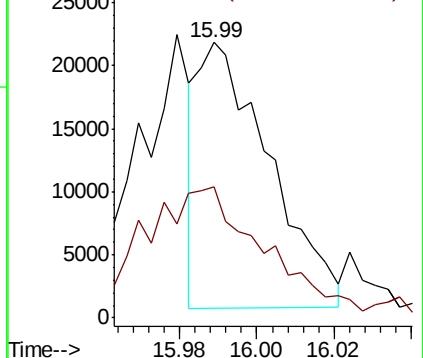
Tgt Ion:	105	Resp:	26940
Ion	Ratio	Lower	Upper
105	100		
120	44.9	38.7	58.1

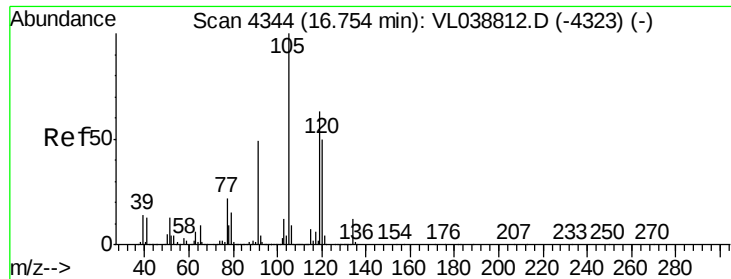


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.473 ppbv

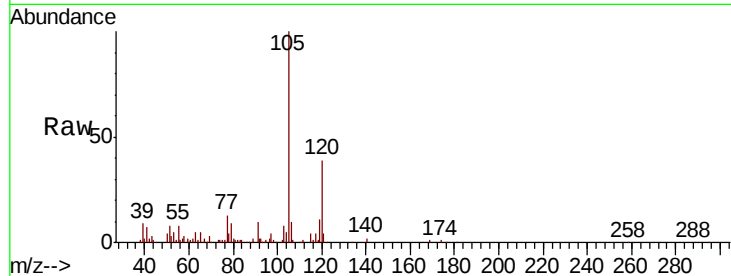
RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 19:40

Tot Ion:	105	Resp:	189726
Ion Ratio	Lower	Upper	
105	100		
120	38.7	39.8	59.8#
91	9.1	39.4	59.0#
77	12.6	17.3	25.9#

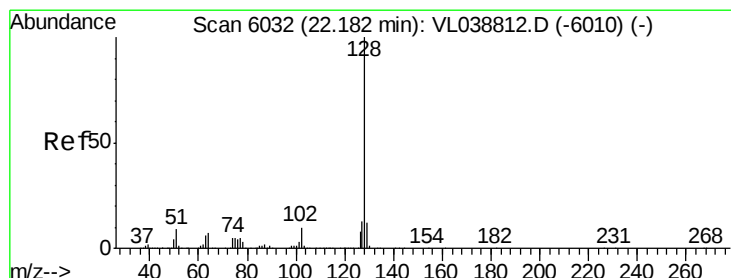
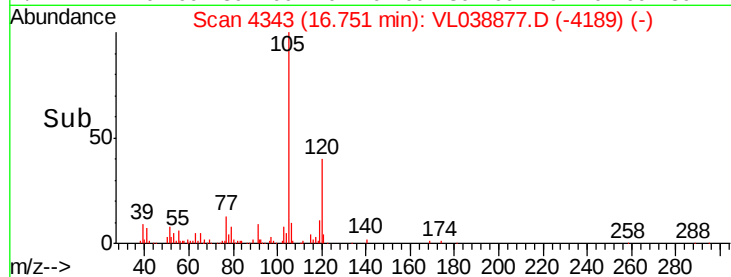
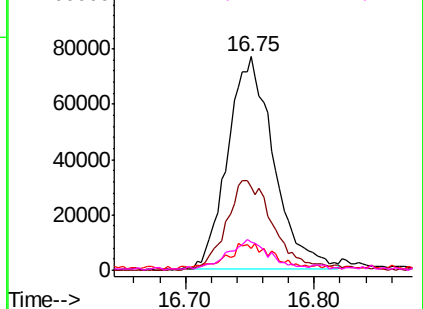


Abundance Ion 105.10 (104.80 to 105.80): V

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



#79

Naphthalene

Concen: 0.031 ppbv

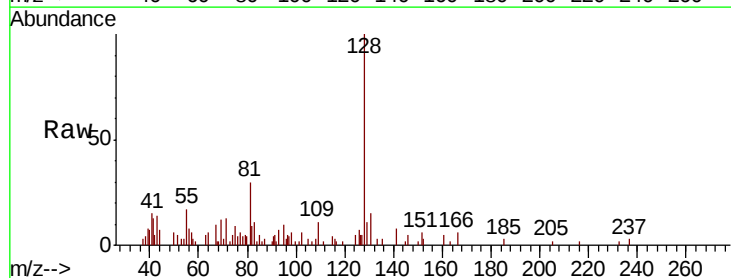
RT: 22.18 min Scan# 6031

Delta R.T. -0.00 min

Lab File: VL038877.D

Acq: 11 Apr 2022 19:40

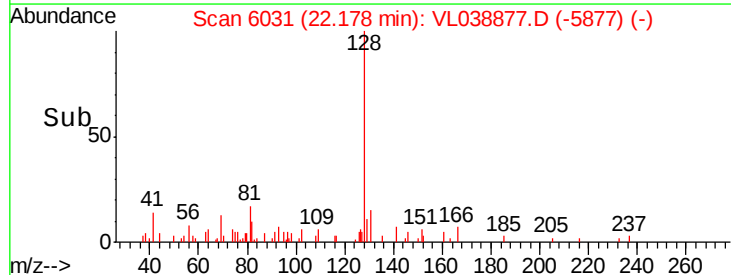
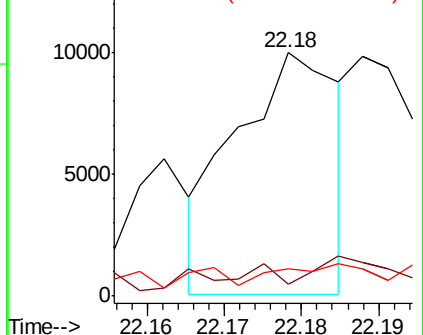
Tgt Ion:	128	Resp:	9189
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	15.8#
129	2.4	9.4	14.0#

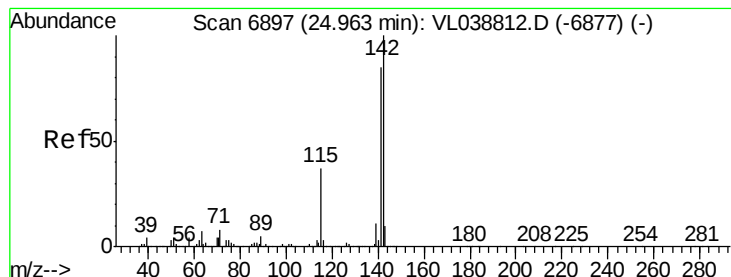


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

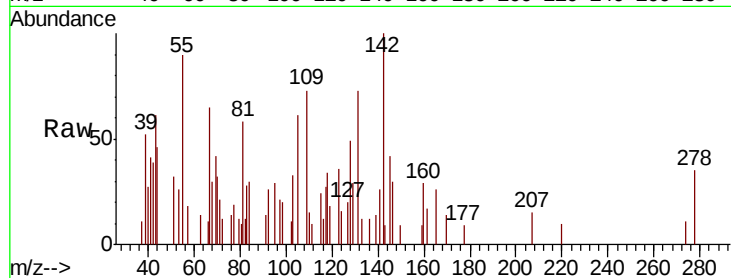
Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.045 ppbv
 RT: 24.96
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 19:40

Tot Ion	Ratio	Lower	Upper
142	100		
141	35.4	68.8	103.2#
115	140.0	31.6	47.4#



Abundance Ion 142.00 (141.70 to 142.70): V
 Ion 141.00 (140.70 to 141.70): V
 Ion 115.00 (114.70 to 115.70): V

