

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
 Data File : VL038830.D
 Acq On : 6 Apr 2022 12:27
 Operator : SY/AP
 Sample : N2235-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 07 03:11:24 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	5.68	49	1403923	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3606202	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3150046	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2647799	11.08	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	52916	0.266	ppbv 97
3) Chlorodifluoromethane	3.00	51	57087	0.333	ppbv 99
4) Chloromethane	3.15	50	186023	2.097	ppbv 96
7) Chloroethane	3.56	64	1594	0.058	ppbv # 86
9) Propene	3.02	41	87406	0.964	ppbv 99
10) Heptane	8.14	43	116223	0.509	ppbv 97
11) Trichlorofluoromethane	3.96	101	37525	0.235	ppbv 90
12) 1,1,2-Trichlorotrifluoroet	4.50	101	4245	0.035	ppbv # 12
13) Ethanol	3.61	45	167082	30.329	ppbv # 100
15) Acetone	3.86	43	930897	6.660	ppbv # 62
16) 1,3-Butadiene	3.32	39	158659	1.986	ppbv # 16
17) tert-Butyl alcohol	4.31	59	73988	0.590	ppbv # 85
19) Isopropyl Alcohol	3.99	45	6211	0.087	ppbv # 100
20) Methylene Chloride	4.36	84	77114	1.521	ppbv 86
21) Allyl Chloride	4.32	41	3547	0.034	ppbv # 26
23) Vinyl Acetate	5.08	43	1113081	8.177	ppbv 98
25) Ethyl Acetate	5.70	43	124168	0.350	ppbv # 80
26) Hexane	5.70	57	173881	1.077	ppbv # 28
29) Chloroform	5.76	83	177495	0.786	ppbv 93
34) 2-Butanone	5.25	43	3080917	21.621	ppbv 99
35) Carbon Tetrachloride	7.03	117	9984	0.046	ppbv 95
36) Benzene	6.90	78	22664	0.069	ppbv # 87
39) 1,2-Dichloropropane	7.19	63	912140	7.269	ppbv # 28
40) 1,4-Dioxane	7.85	88	1717	0.040	ppbv # 20
41) Tetrahydrofuran	6.06	42	4527	0.033	ppbv # 37
50) 4-Methyl-2-Pentanone	8.75	43	32481	0.101	ppbv # 39
51) 2-Hexanone	10.14	43	3466743	14.355	ppbv 100
52) Tetrachloroethene	11.24	164	40105	0.350	ppbv # 81
53) Toluene	9.82	91	492937	1.302	ppbv 99
58) Ethyl Benzene	12.72	91	126077	0.268	ppbv # 85
59) m/p-Xylene	12.98	91	417360	1.055	ppbv 99
60) o-Xylene	13.70	91	177688	0.480	ppbv 98
61) Styrene	13.54	104	72335	0.321	ppbv # 91
62) Isopropylbenzene	14.68	105	765552	1.378	ppbv 96
63) 1,1,2,2-Tetrachloroethane	13.69	83	10063	0.043	ppbv # 24
64) n-propylbenzene	15.57	120	13375	0.093	ppbv # 53
69) p-Isopropyltoluene	17.66	119	120453	0.212	ppbv # 87
70) n-Butylbenzene	18.57	91	21334	0.037	ppbv # 61
72) 4-Ethyltoluene	15.85	105	92750	0.210	ppbv # 92
73) 1,3,5-Trimethylbenzene	16.01	105	24086	0.061	ppbv # 84
74) 1,2,4-Trimethylbenzene	16.77	105	249949	0.596	ppbv # 66

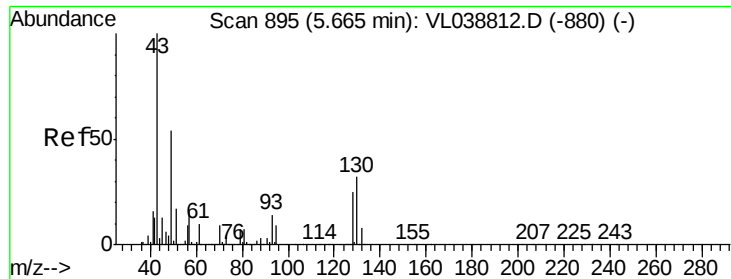
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
Data File : VL038830.D
Acq On : 6 Apr 2022 12:27
Operator : SY/AP
Sample : N2235-03
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 07 03:11:24 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Apr 2022 12:27

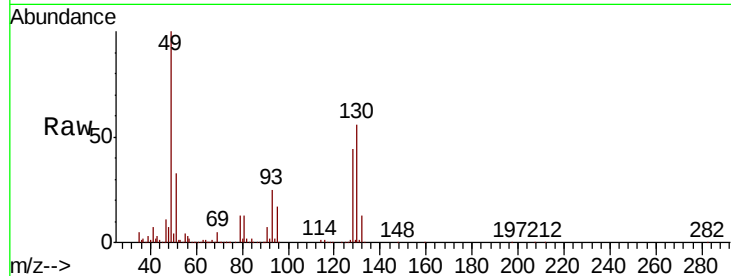
Tot Ion: 49 Resp: 1403923

Ion	Ratio	Lower	Upper
49	100		
128	47.3	24.1	72.3
130	60.8	30.9	92.8

49 100

128 47.3 24.1 72.3

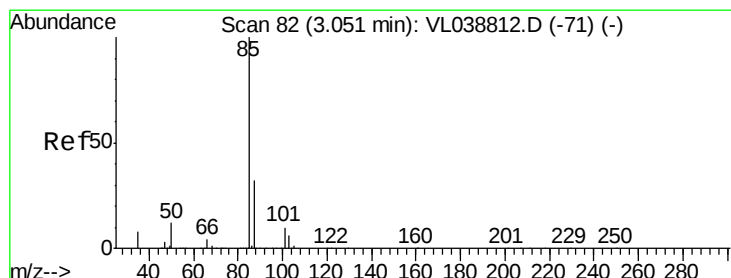
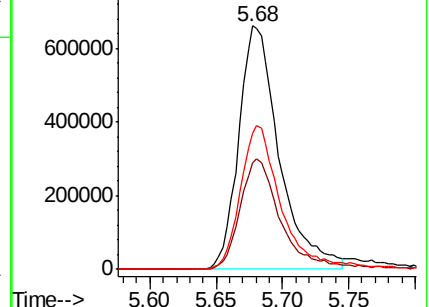
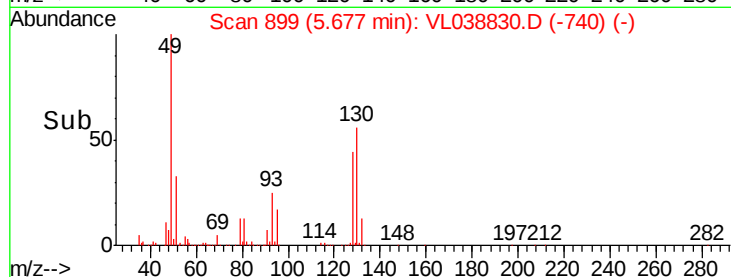
130 60.8 30.9 92.8



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: 0.266 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038830.D

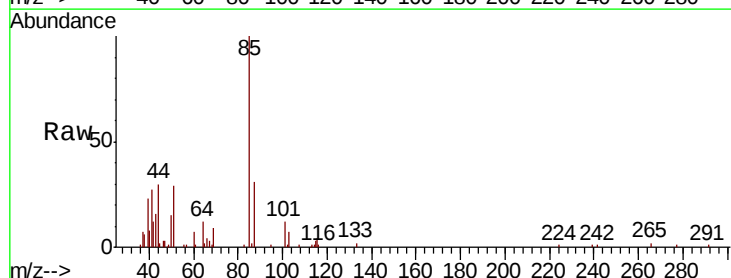
Acq: 6 Apr 2022 12:27

Tgt Ion: 85 Resp: 52916

Ion	Ratio	Lower	Upper
85	100		
87	30.6	25.9	38.9

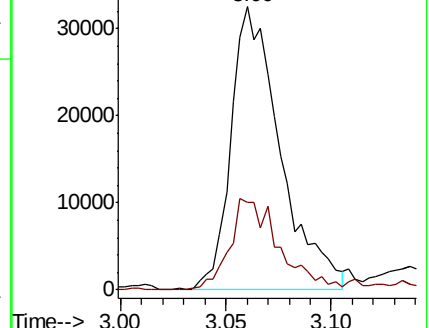
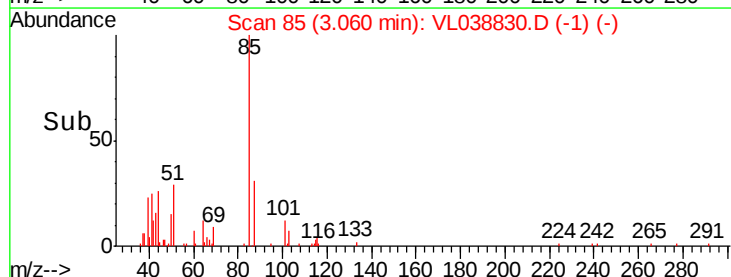
85 100

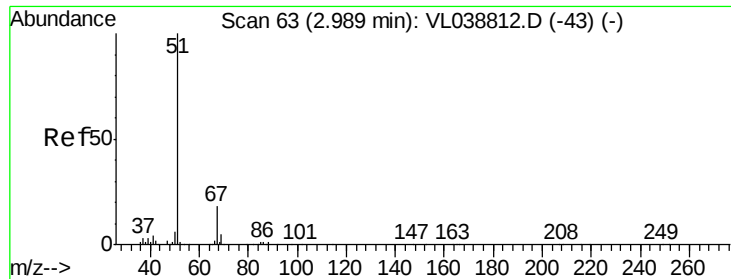
87 30.6 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.333 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

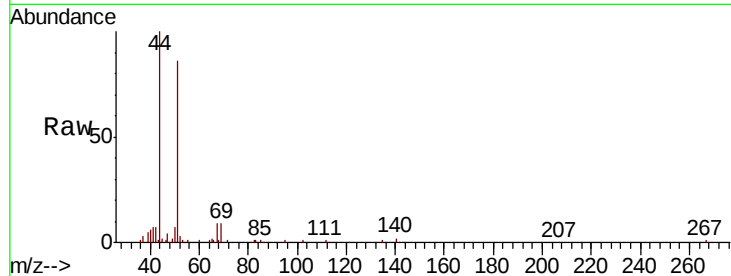
Acq: 6 Apr 2022 12:27

Tot Ion: 51 Resp: 57087

Ion Ratio Lower Upper

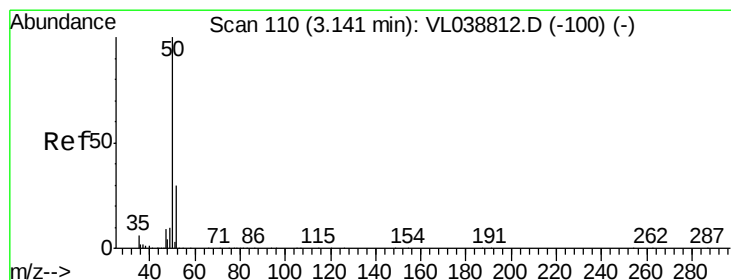
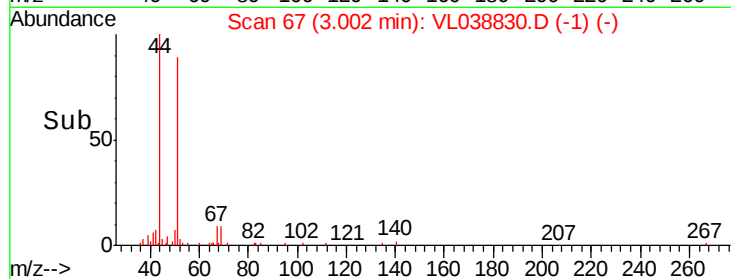
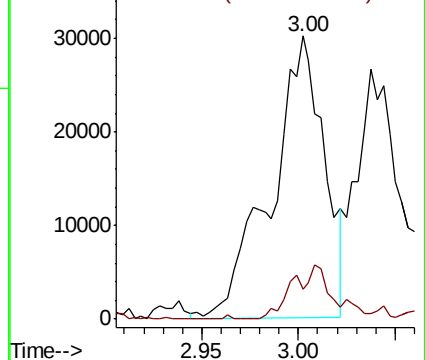
51 100

67 16.1 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: 2.097 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038830.D

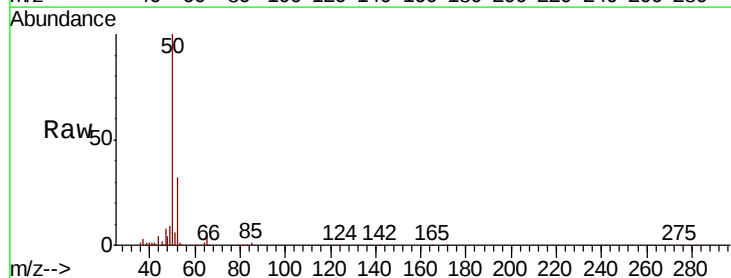
Acq: 6 Apr 2022 12:27

Tgt Ion: 50 Resp: 186023

Ion Ratio Lower Upper

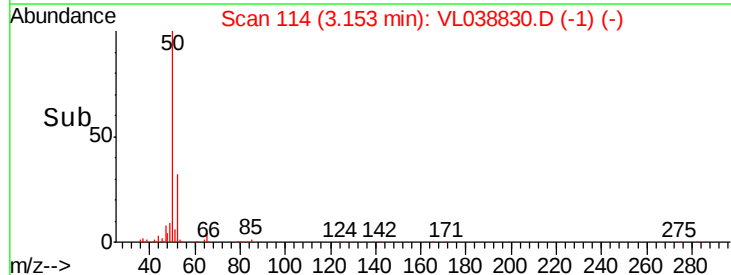
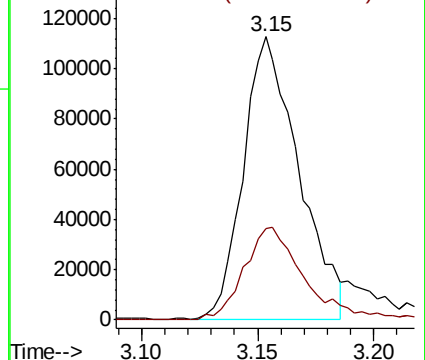
50 100

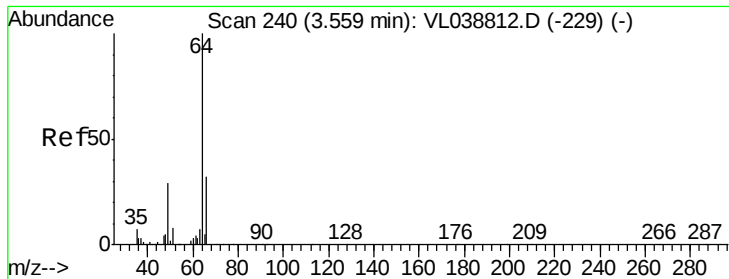
52 32.5 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.058 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

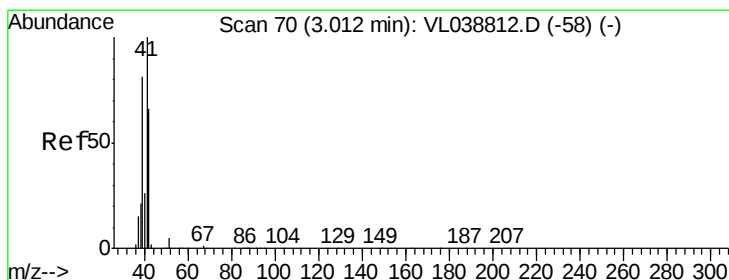
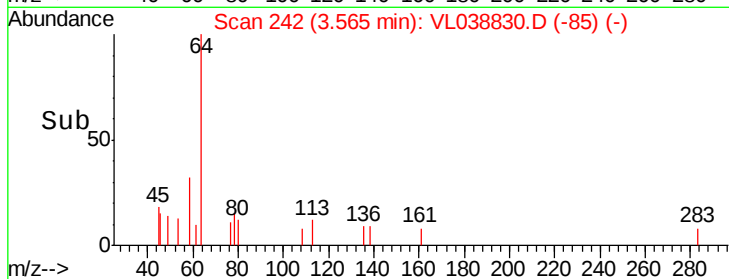
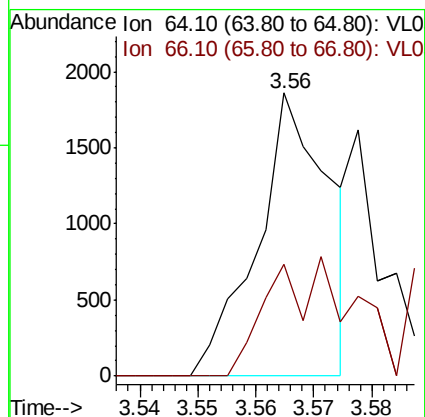
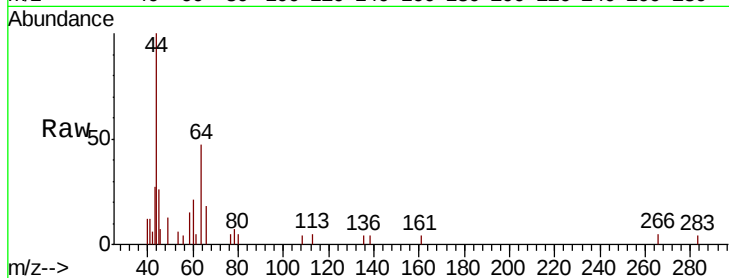
Acq: 6 Apr 2022 12:27

Tot Ion: 64 Resp: 1594

Ion Ratio Lower Upper

64 100

66 39.6 25.4 38.2#



#9

Propene

Concen: 0.964 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038830.D

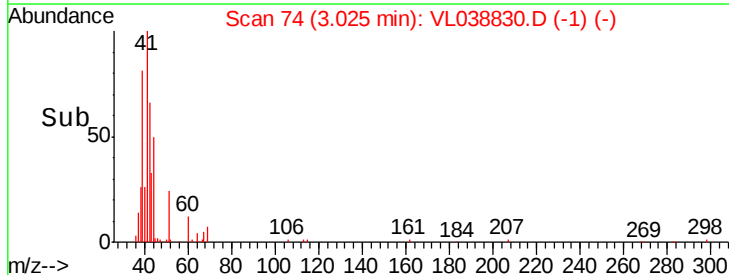
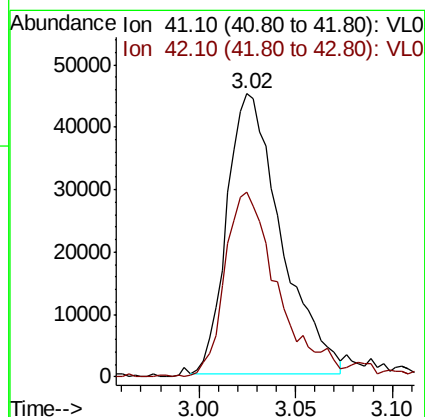
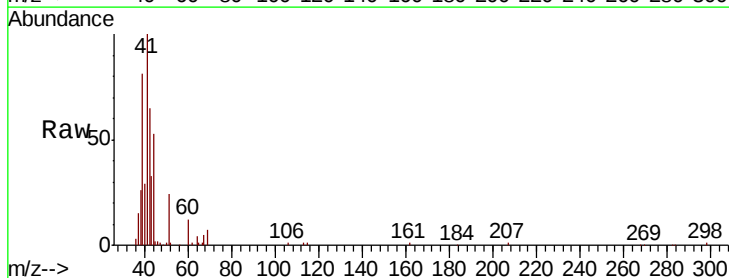
Acq: 6 Apr 2022 12:27

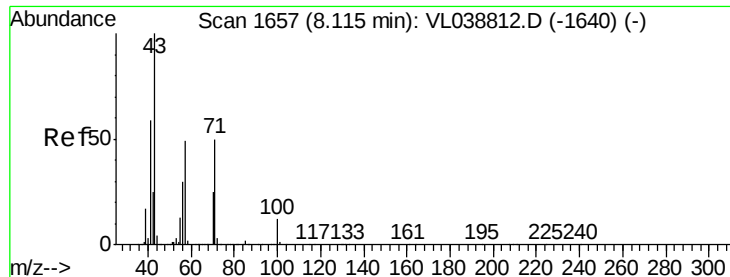
Tgt Ion: 41 Resp: 87406

Ion Ratio Lower Upper

41 100

42 68.8 54.2 81.4





#10

Heptane

Concen: 0.509 ppbv

RT: 8.14 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

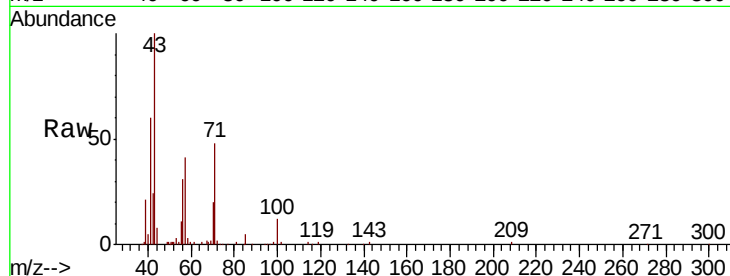
Acq: 6 Apr 2022 12:27

Tot Ion: 43 Resp: 116223

Ion Ratio Lower Upper

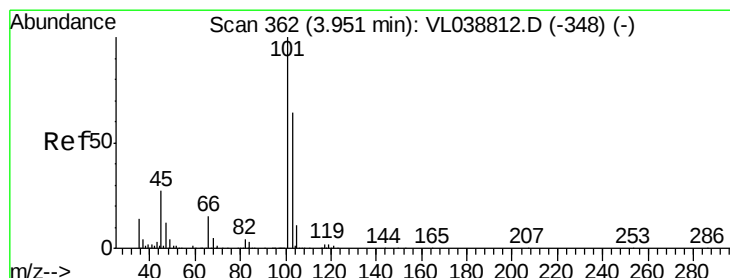
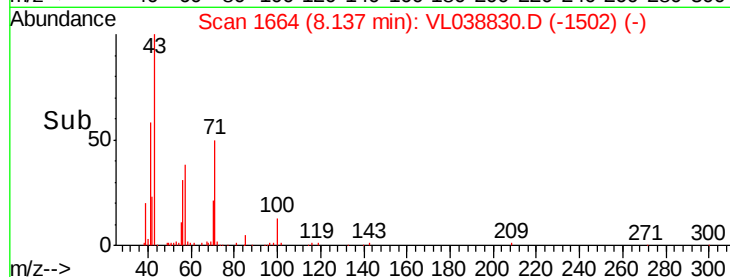
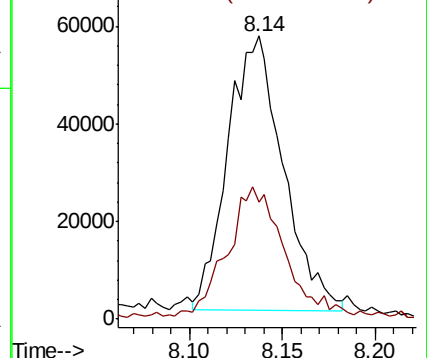
43 100

57 51.2 39.3 58.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.235 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL038830.D

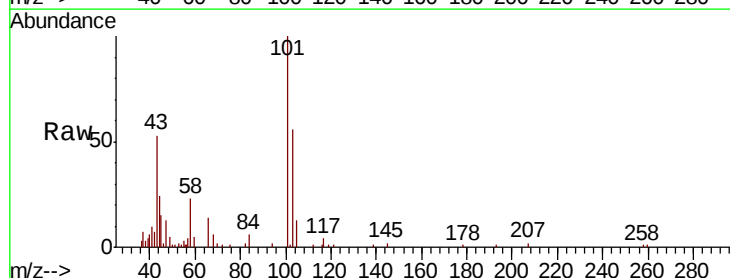
Acq: 6 Apr 2022 12:27

Tgt Ion:101 Resp: 37525

Ion Ratio Lower Upper

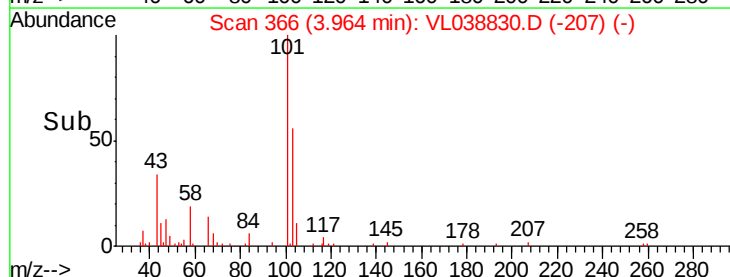
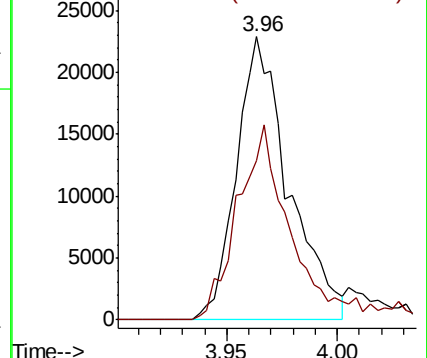
101 100

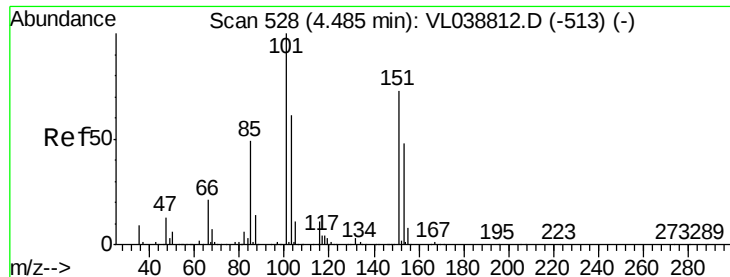
103 56.1 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.035 ppbv

RT: 4.50 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

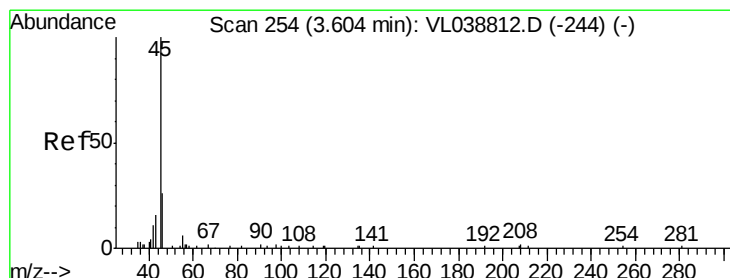
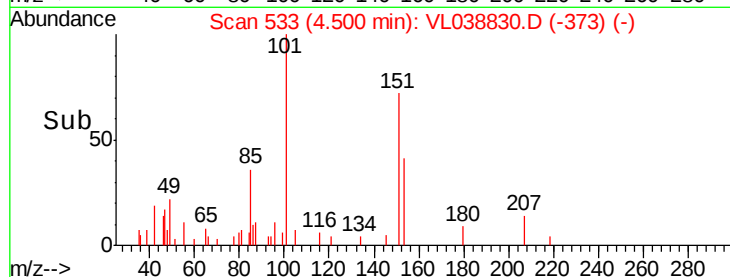
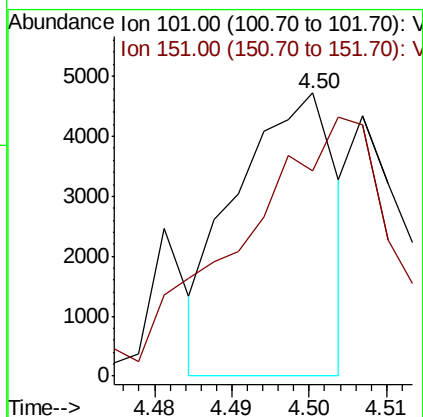
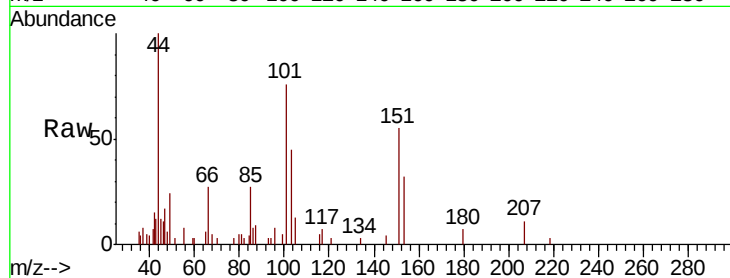
Acq: 6 Apr 2022 12:27

Tot Ion:101 Resp: 4245

Ion Ratio Lower Upper

101 100

151 0.0 59.9 89.9#



#13

Ethanol

Concen: 30.329 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL038830.D

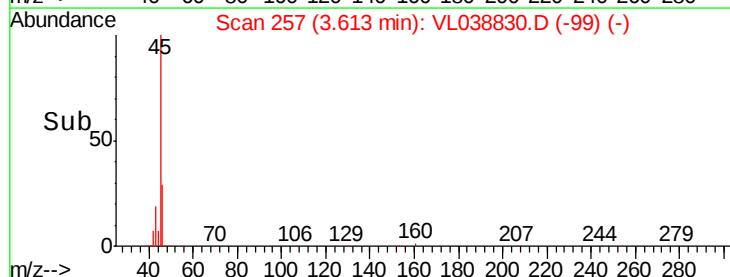
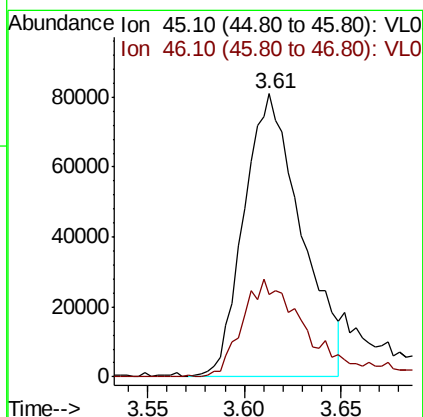
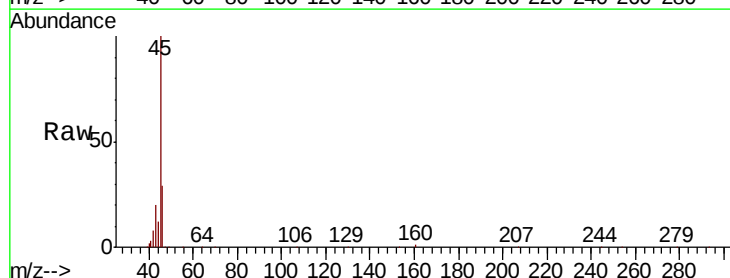
Acq: 6 Apr 2022 12:27

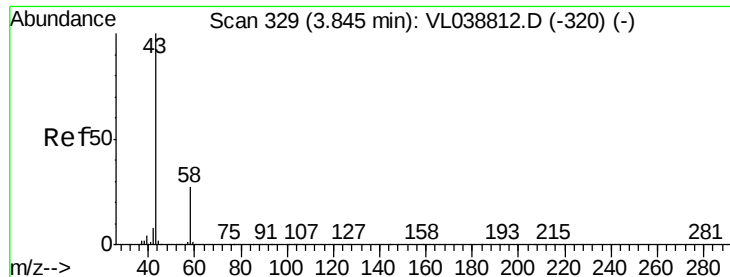
Tgt Ion: 45 Resp: 167082

Ion Ratio Lower Upper

45 100

46 43.1 0.0 0.0#





#15

Acetone

Concen: 6.660 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

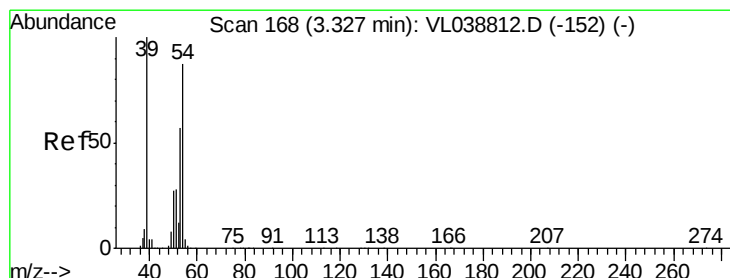
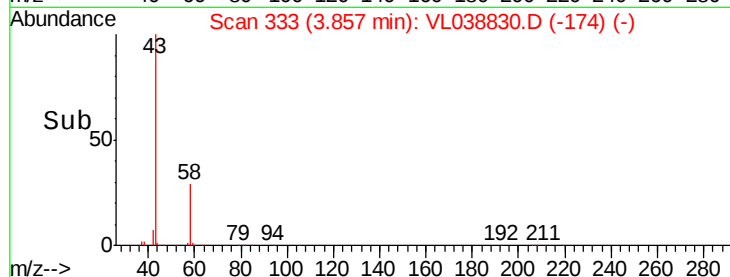
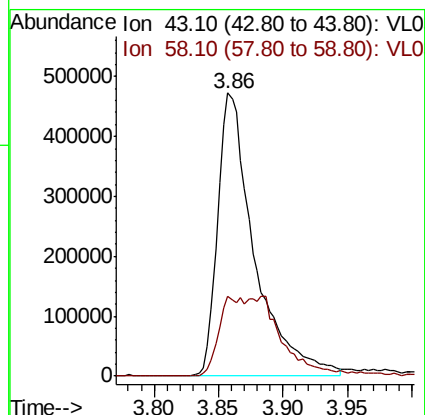
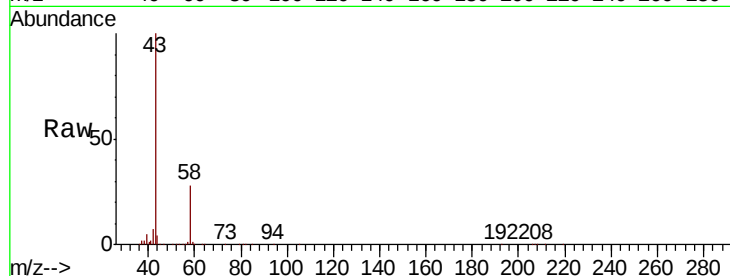
Acq: 6 Apr 2022 12:27

Tot Ion: 43 Resp: 930897

Ion Ratio Lower Upper

43 100

58 48.1 22.5 33.7#



#16

1,3-Butadiene

Concen: 1.986 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL038830.D

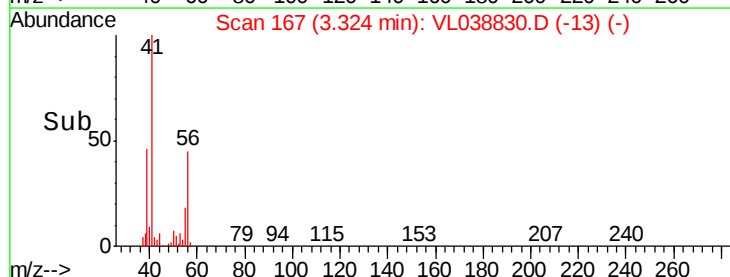
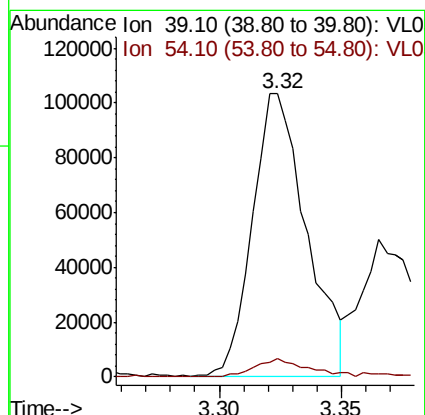
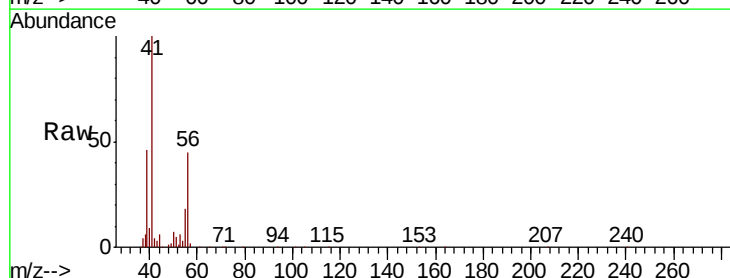
Acq: 6 Apr 2022 12:27

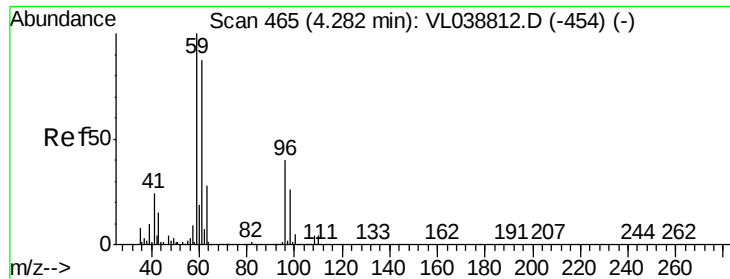
Tgt Ion: 39 Resp: 158659

Ion Ratio Lower Upper

39 100

54 6.3 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.590 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

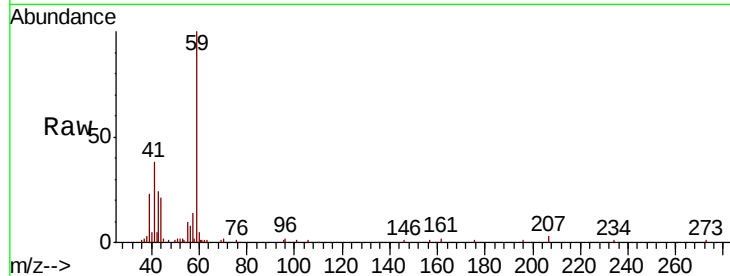
Acq: 6 Apr 2022 12:27

Tot Ion: 59 Resp: 73988

Ion Ratio Lower Upper

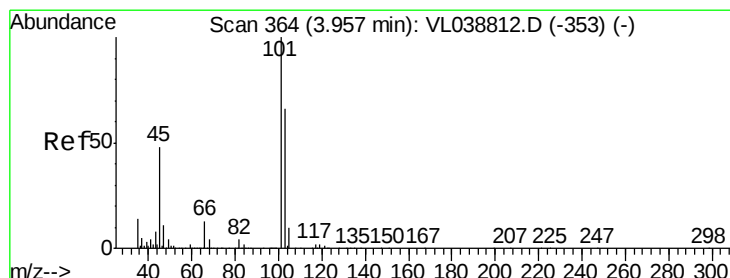
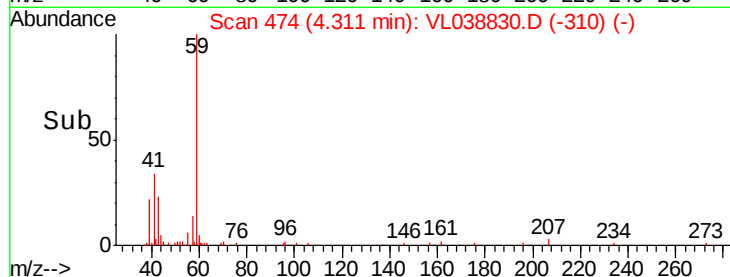
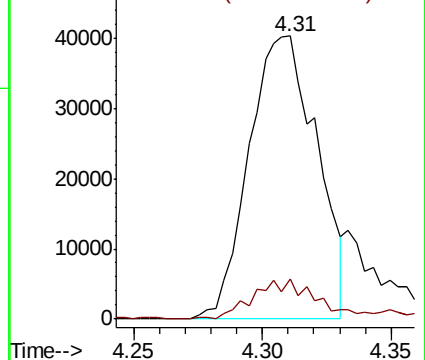
59 100

57 16.3 8.5 12.7#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 0.087 ppbv

RT: 3.99 min Scan# 374

Delta R.T. 0.03 min

Lab File: VL038830.D

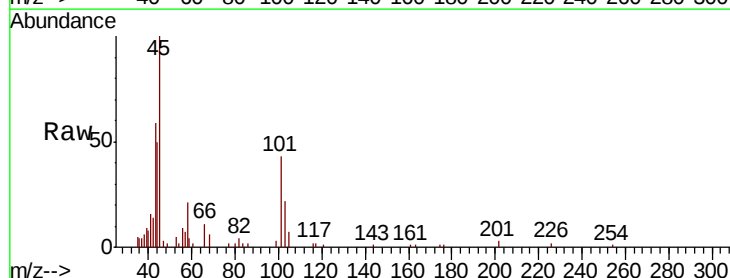
Acq: 6 Apr 2022 12:27

Tgt Ion: 45 Resp: 6211

Ion Ratio Lower Upper

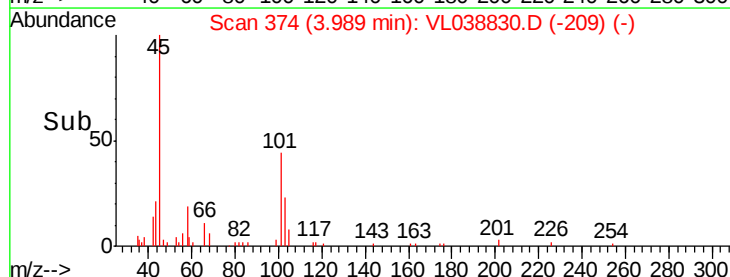
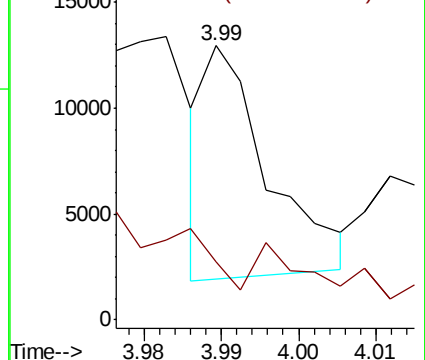
45 100

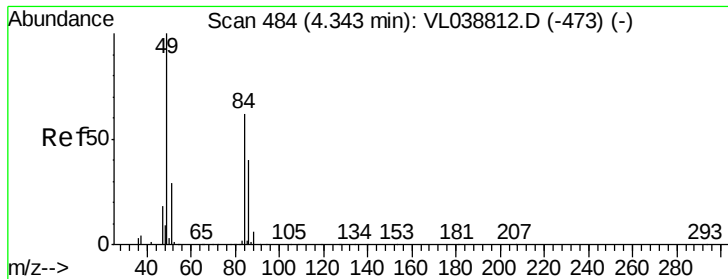
58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

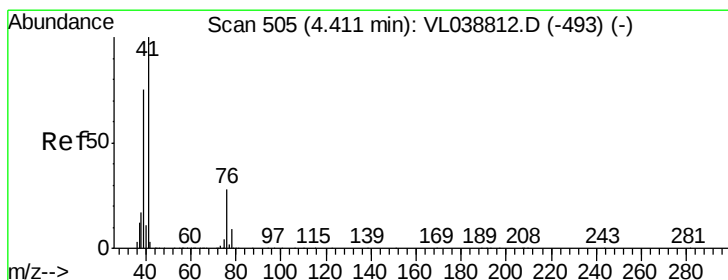
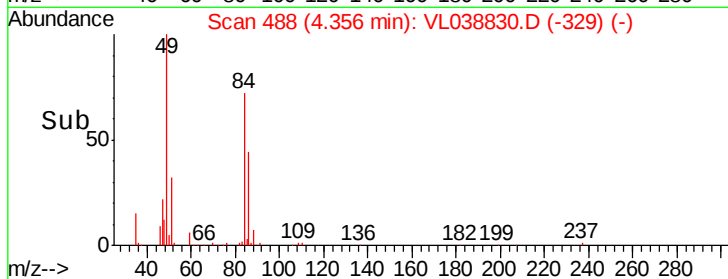
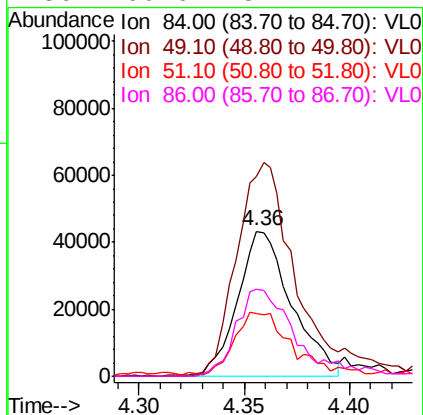
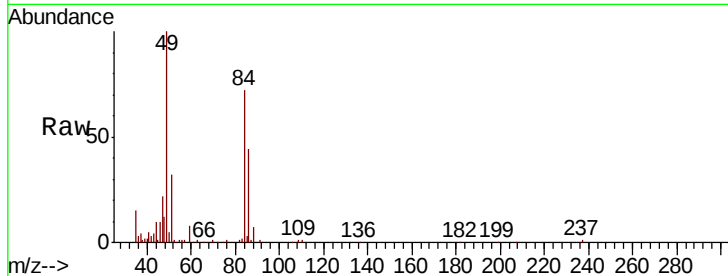
Ion 58.10 (57.80 to 58.80): VL0





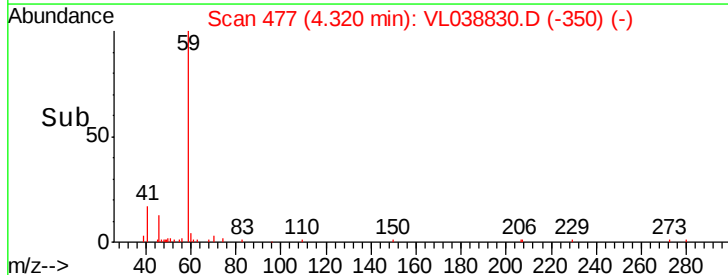
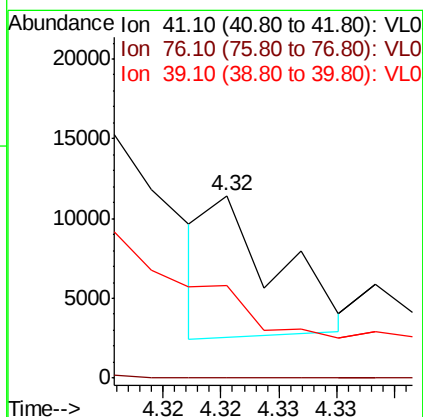
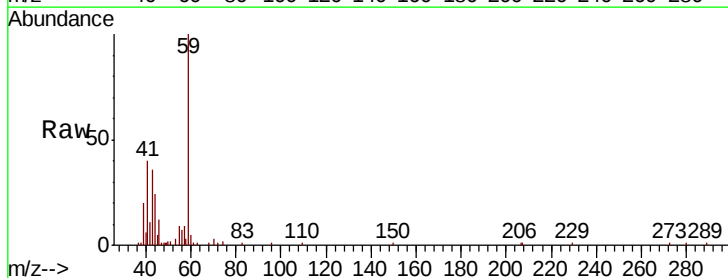
#20
Methylene Chloride
Concen: 1.521 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Apr 2022 12:27

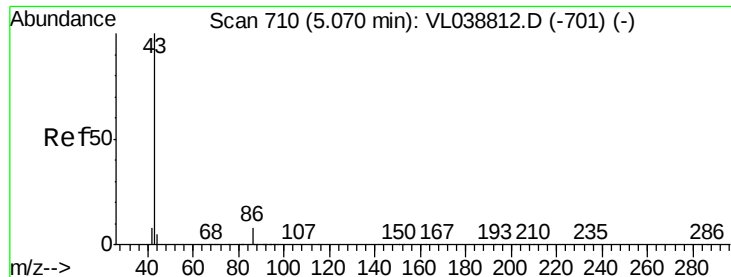
Tot Ion:	84	Resp:	77114
Ion	Ratio	Lower	Upper
84	100		
49	137.0	129.4	194.0
51	40.9	37.4	56.2
86	60.6	51.4	77.2



#21
Allyl Chloride
Concen: 0.034 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.09 min
Lab File: VL038830.D
Acq: 6 Apr 2022 12:27

Tgt Ion:	41	Resp:	3547
Ion	Ratio	Lower	Upper
41	100		
76	11.9	23.7	35.5#
39	0.0	62.0	93.0#





#23

Vinyl Acetate

Concen: 8.177 ppbv

RT: 5.08 Instrument:

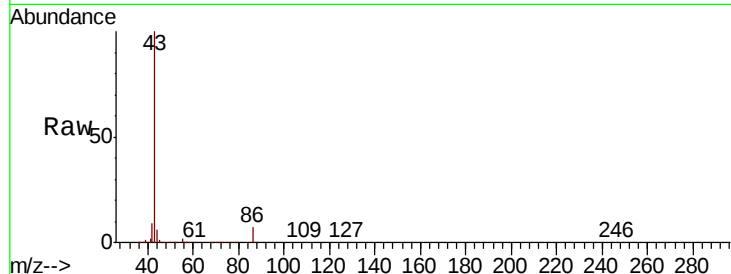
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Apr 2022 12:27

Tot Ion: 43 Resp: 1113081

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.8	8.6
42	9.0	7.8	11.6
44	5.1	3.6	5.4

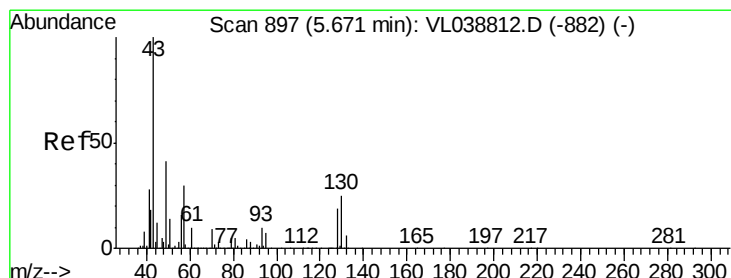
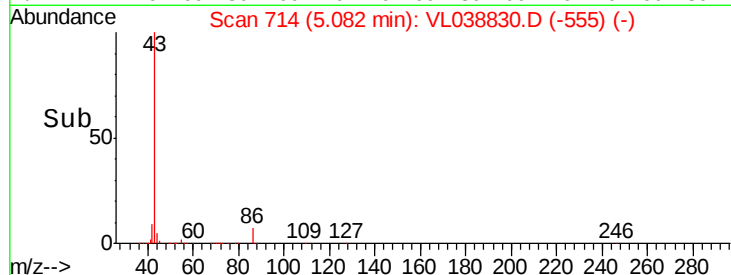
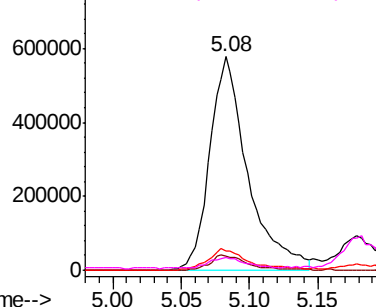


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.350 ppbv

RT: 5.70 min Scan# 905

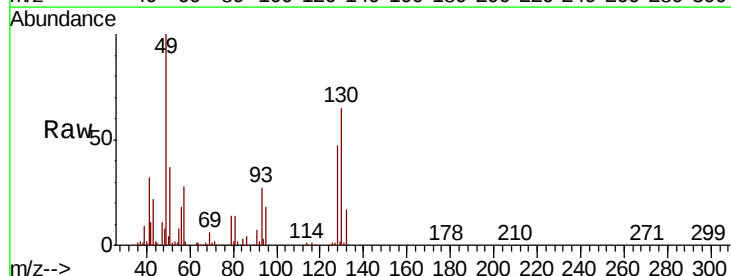
Delta R.T. 0.03 min

Lab File: VL038830.D

Acq: 6 Apr 2022 12:27

Tgt Ion: 43 Resp: 124168

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	1.3	7.9	11.9#
70	5.8	5.6	8.4

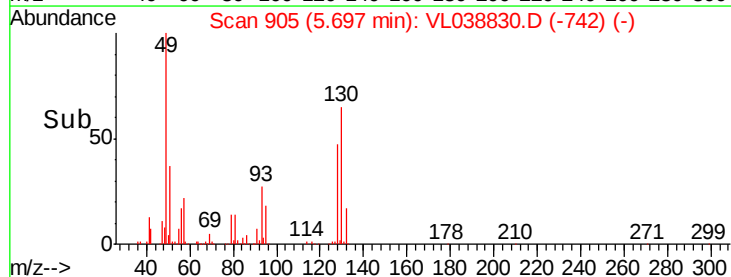
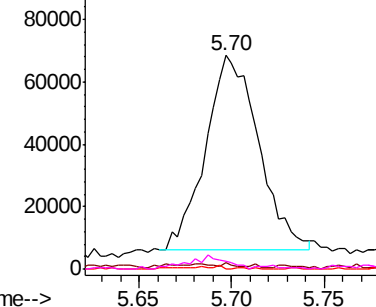


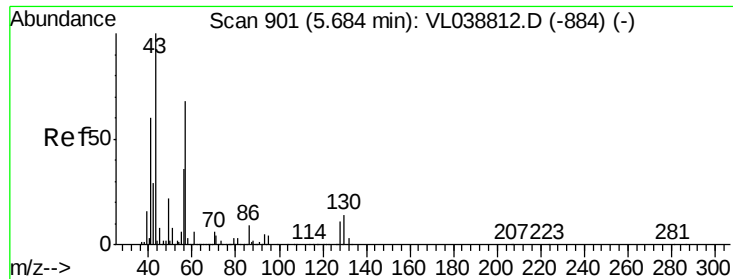
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

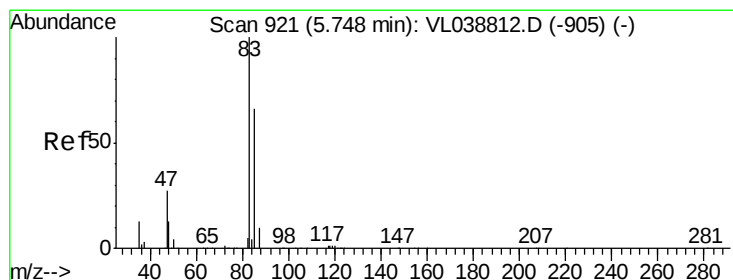
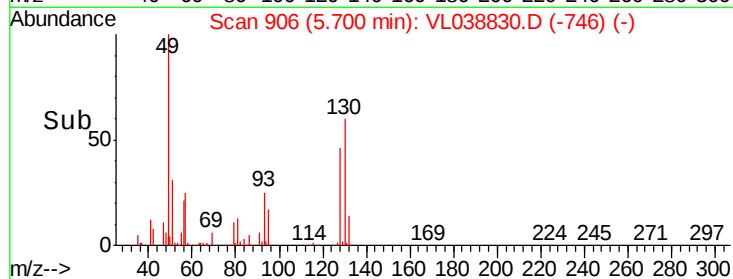
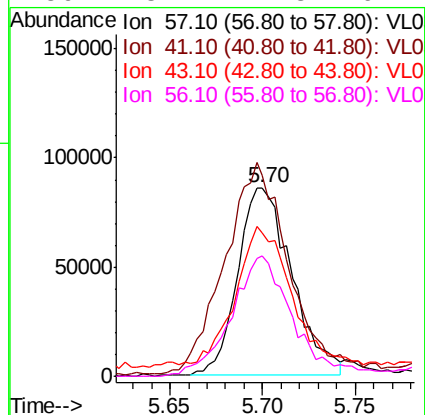
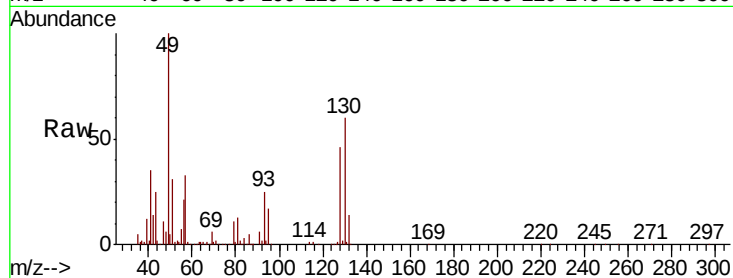
Ion 70.10 (69.80 to 70.80): VL0





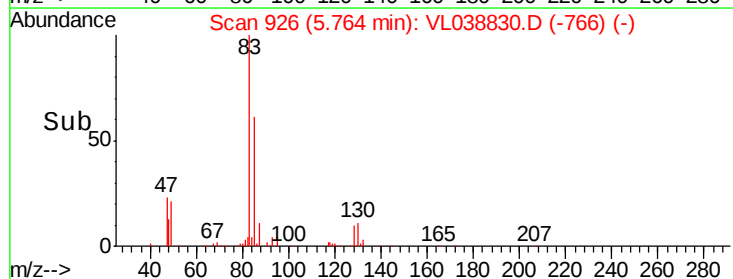
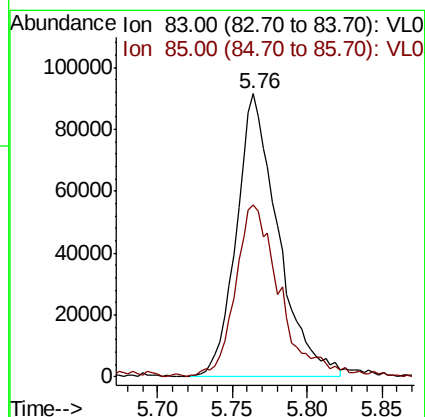
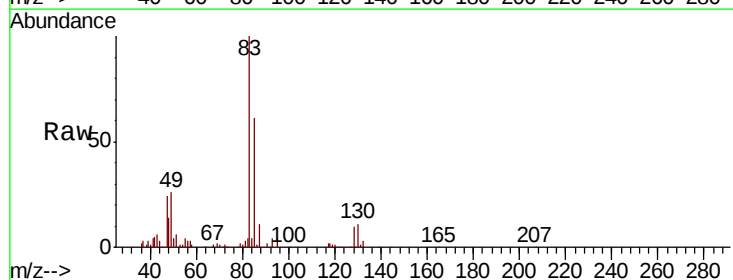
#26
Hexane
Concen: 1.077 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Apr 2022 12:27

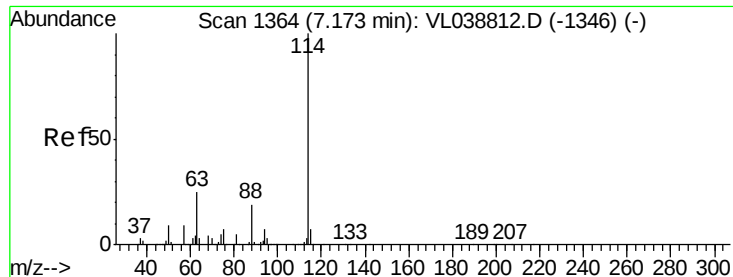
Tot Ion:	57	Resp:	173881
Ion	Ratio	Lower	Upper
57	100		
41	136.3	72.0	108.0#
43	81.4	186.6	280.0#
56	73.1	42.8	64.2#



#29
Chloroform
Concen: 0.786 ppbv
RT: 5.76 min Scan# 926
Delta R.T.: 0.02 min
Lab File: VL038830.D
Acq: 6 Apr 2022 12:27

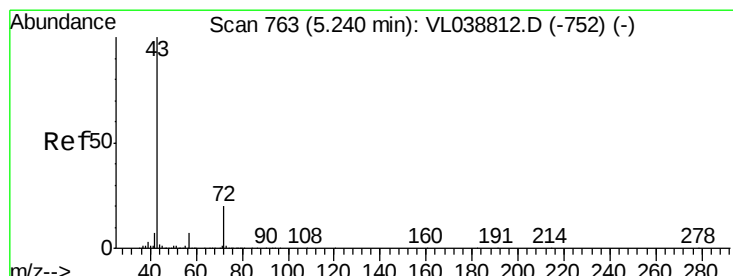
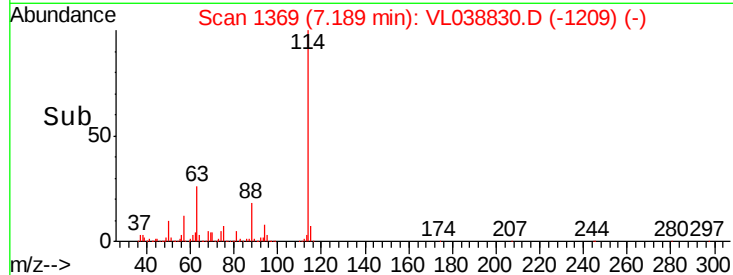
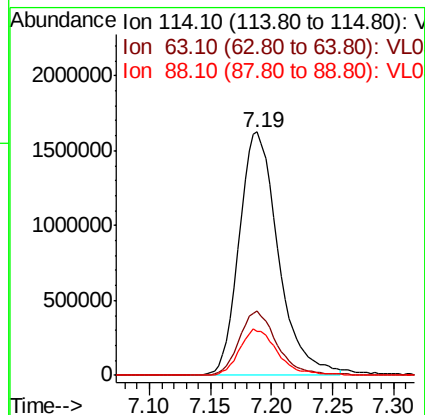
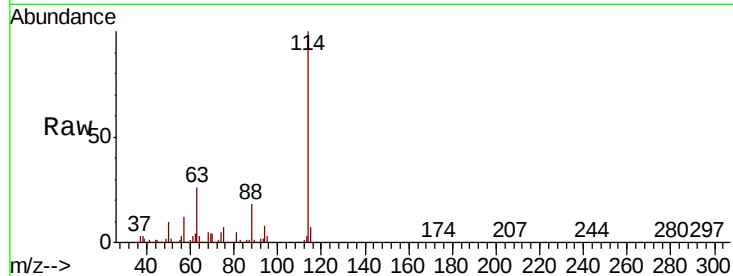
Tgt Ion:	83	Resp:	177495
Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.5	78.7





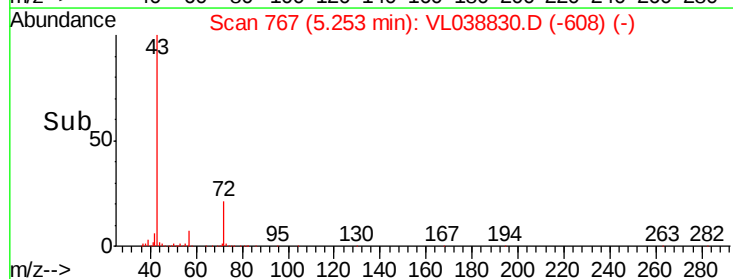
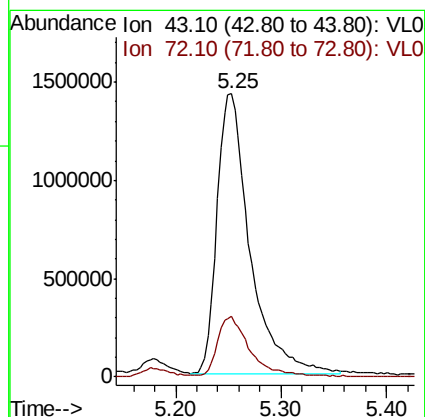
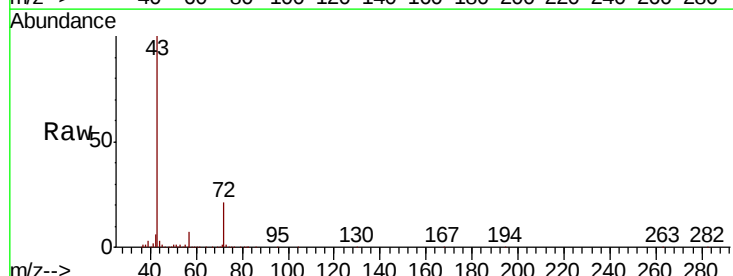
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Apr 2022 12:27

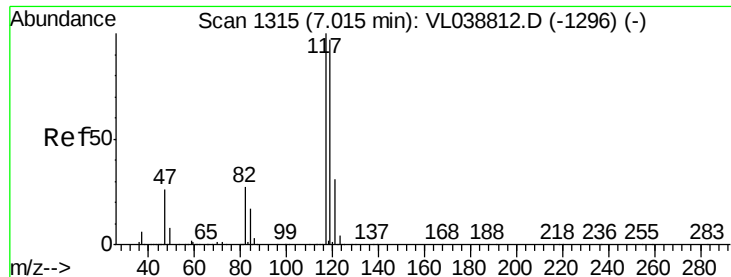
Tot Ion:114 Resp: 3606202
 Ion Ratio Lower Upper
 114 100
 63 26.0 19.8 29.8
 88 18.7 14.2 21.4



#34
 2-Butanone
 Concen: 21.621 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038830.D
 Acq: 6 Apr 2022 12:27

Tgt Ion: 43 Resp: 3080917
 Ion Ratio Lower Upper
 43 100
 72 21.5 16.9 25.3





#35

Carbon Tetrachloride

Concen: 0.046 ppbv

RT: 7.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Apr 2022 12:27

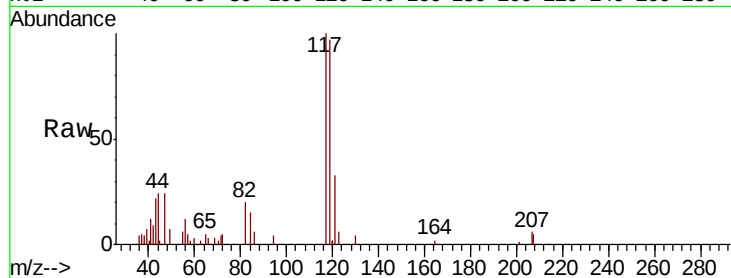
Tot Ion: 117 Resp: 9984

Ion Ratio Lower Upper

117 100

119 93.5 77.7 116.5

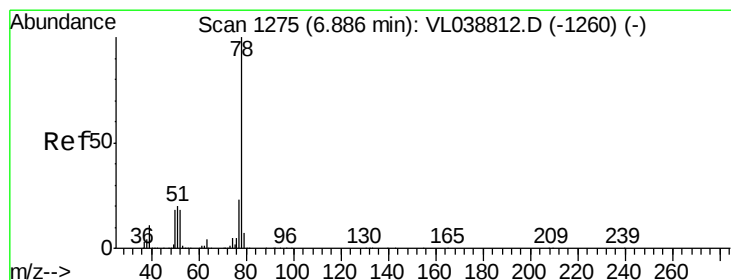
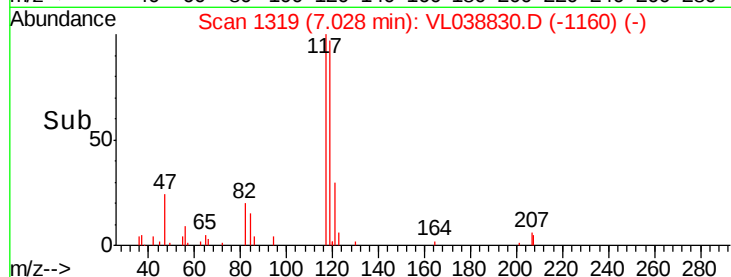
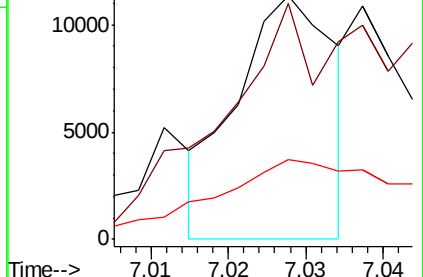
121 26.6 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.069 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VL038830.D

Acq: 6 Apr 2022 12:27

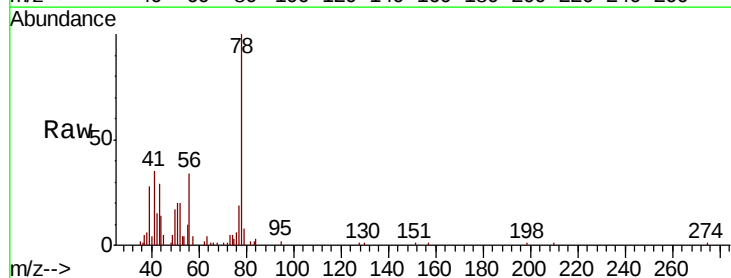
Tgt Ion: 78 Resp: 22664

Ion Ratio Lower Upper

78 100

77 16.6 18.2 27.2#

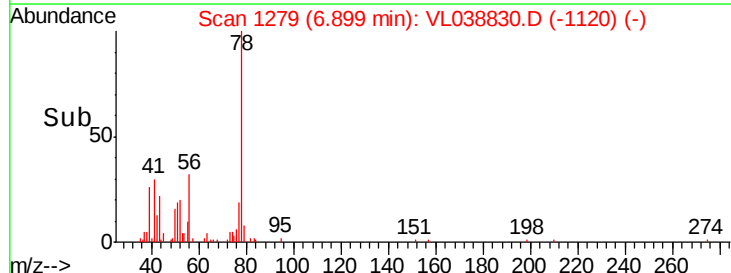
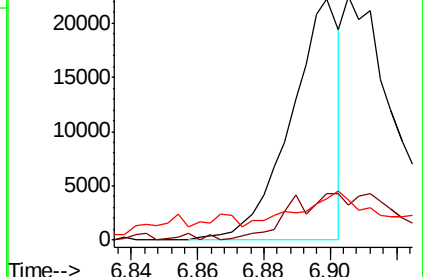
50 11.5 14.0 21.0#

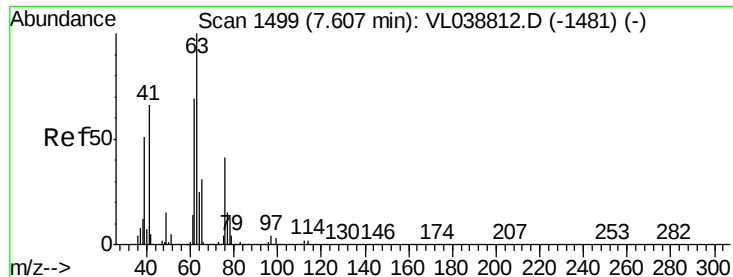


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 7.269 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Apr 2022 12:27

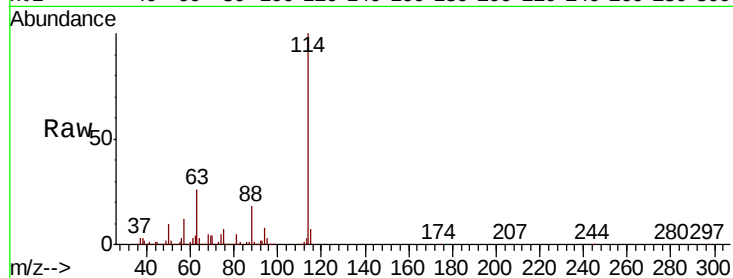
Tot Ion: 63 Resp: 912140

Ion Ratio Lower Upper

63 100

41 2.4 53.0 79.6#

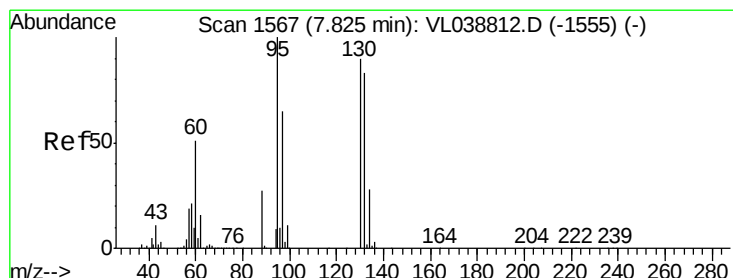
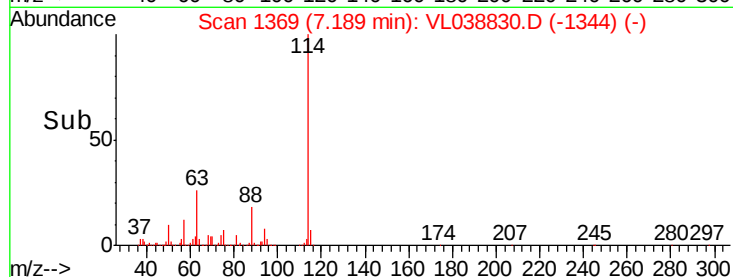
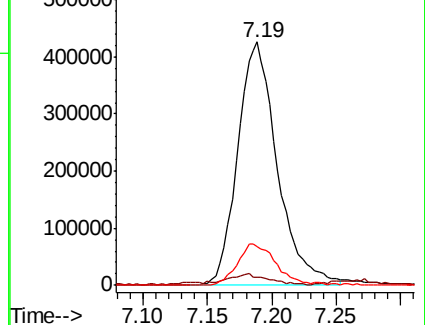
62 15.9 55.0 82.4#



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



#40

1,4-Dioxane

Concen: 0.040 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VL038830.D

Acq: 6 Apr 2022 12:27

Tgt Ion: 88 Resp: 1717

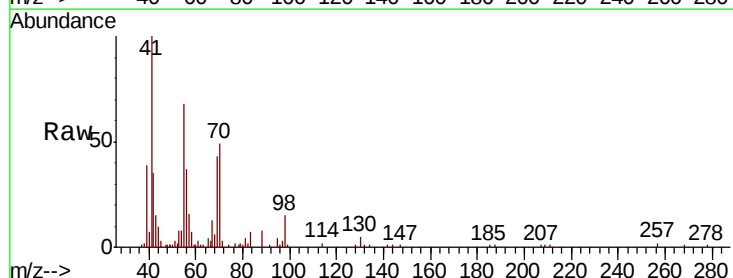
Ion Ratio Lower Upper

88 100

58 0.0 49.4 74.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

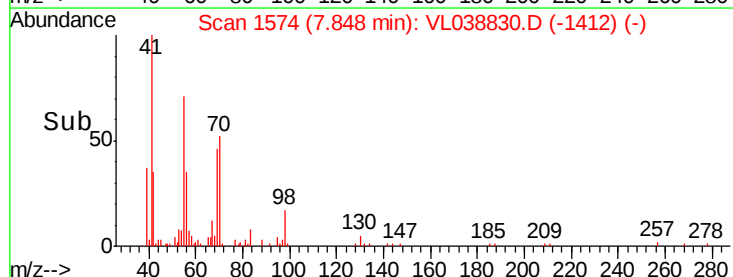
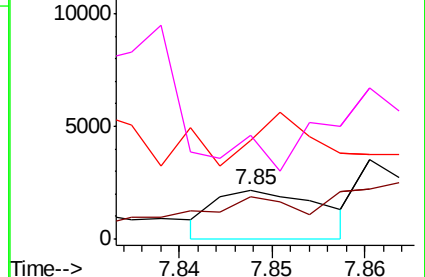


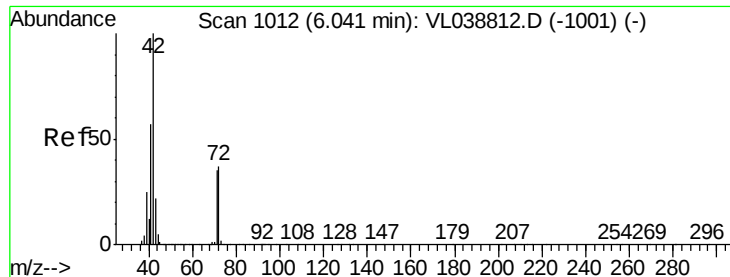
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 0.033 ppbv

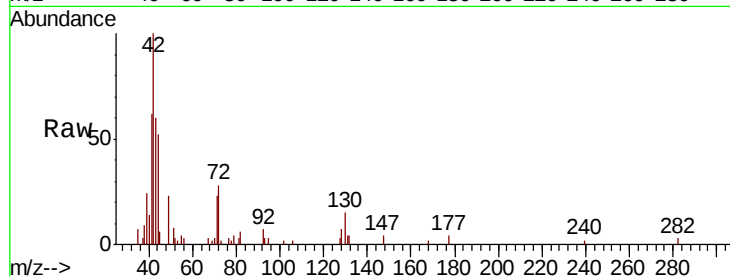
RT: 6.06 Instrument:

Delta R.T. MSVOA_L

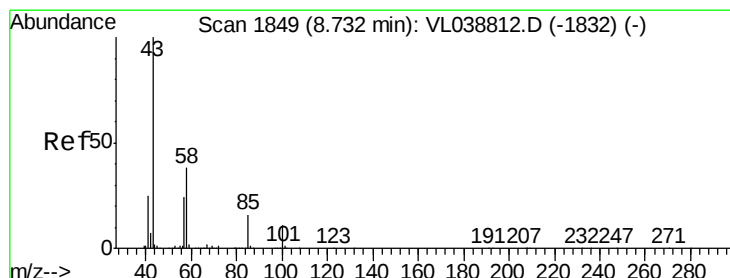
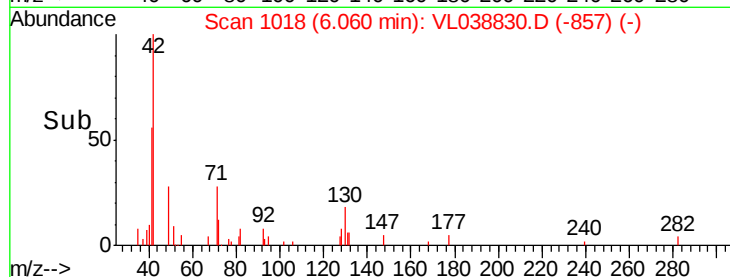
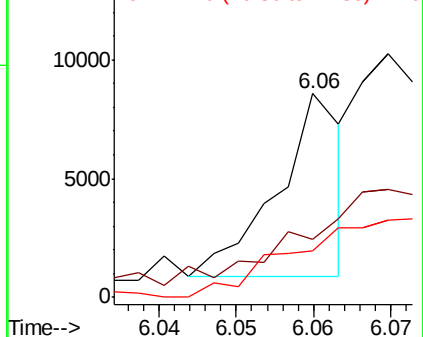
Lab File: ClientSampleId:

Acq: 6 Apr 2022 12:27

Tot Ion:	42	Resp:	4527
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	0.0	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



#50

4-Methyl-2-Pentanone

Concen: 0.101 ppbv

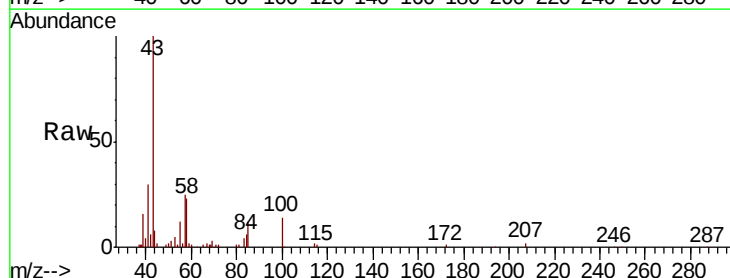
RT: 8.75 min Scan# 1855

Delta R.T. 0.02 min

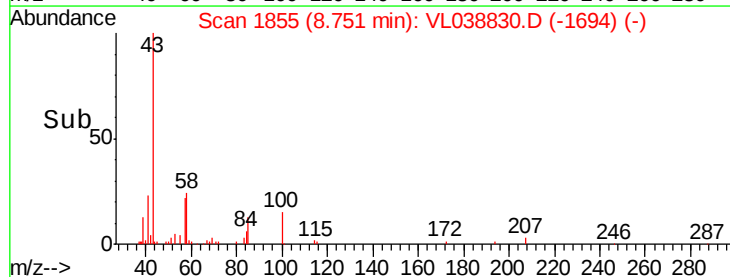
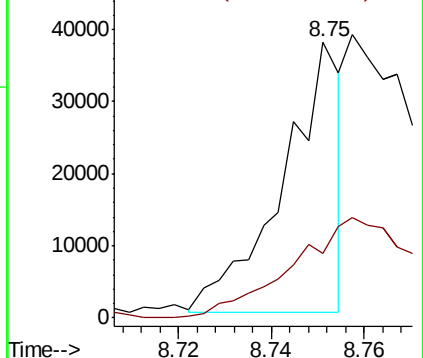
Lab File: VL038830.D

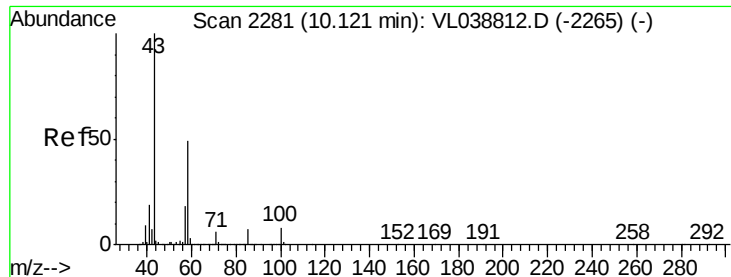
Acq: 6 Apr 2022 12:27

Tgt Ion:	43	Resp:	32481
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#



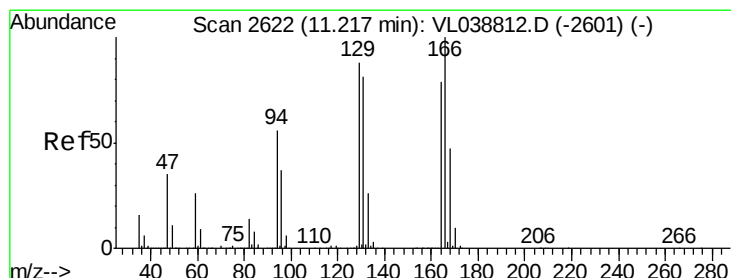
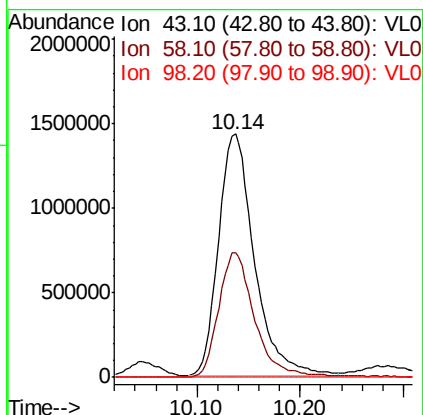
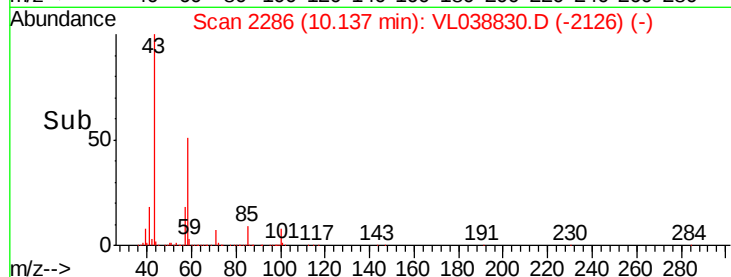
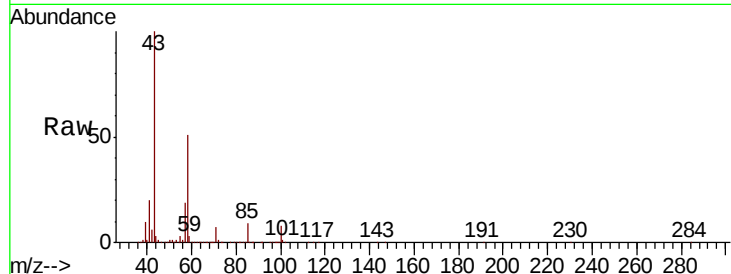
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





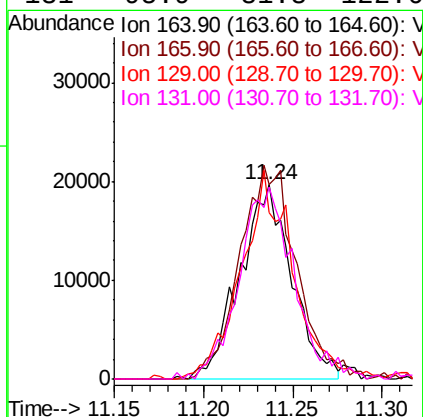
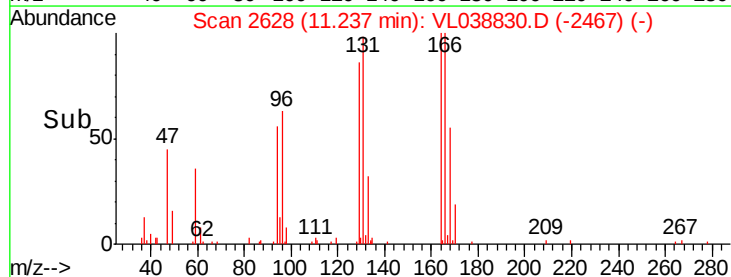
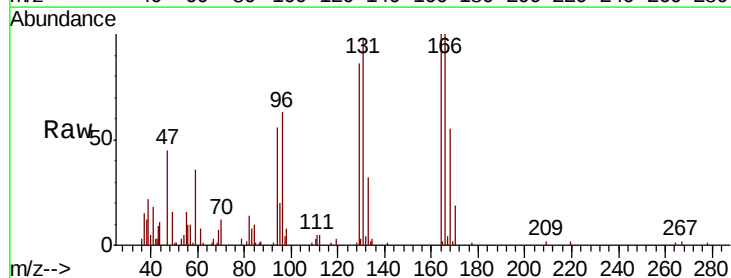
#51
2-Hexanone
Concen: 14.355 ppbv
RT: 10.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 6 Apr 2022 12:27

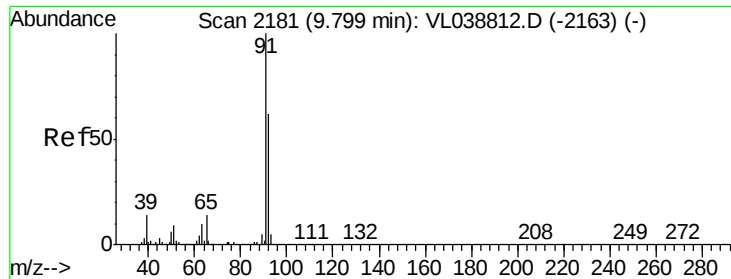
Tot Ion: 43 Resp: 3466743
Ion Ratio Lower Upper
43 100
58 52.0 41.4 62.0
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 0.350 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.02 min
Lab File: VL038830.D
Acq: 6 Apr 2022 12:27

Tgt Ion: 164 Resp: 40105
Ion Ratio Lower Upper
164 100
166 100.3 101.0 151.6#
129 83.0 88.7 133.1#
131 95.9 81.8 122.6





#53

Toluene

Concen: 1.302 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

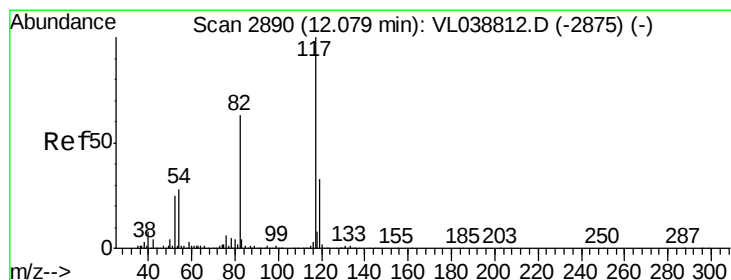
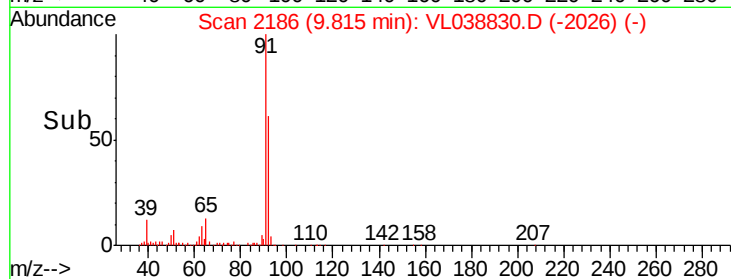
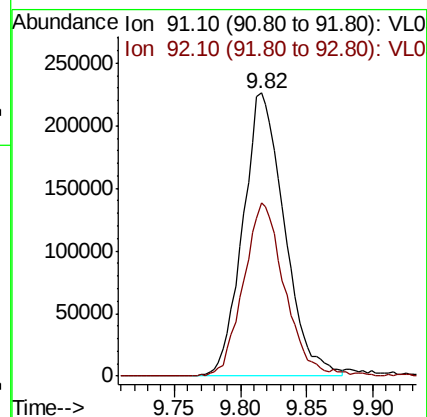
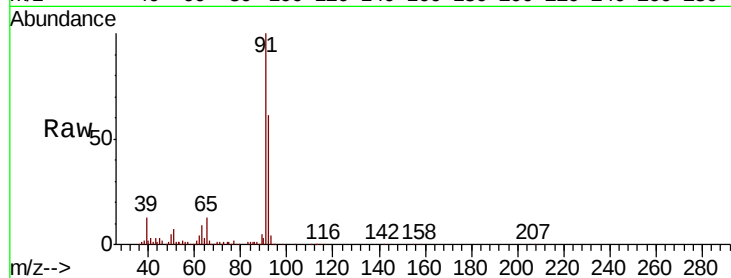
Acq: 6 Apr 2022 12:27

Tot Ion: 91 Resp: 492937

Ion Ratio Lower Upper

91 100

92 61.0 49.2 73.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.02 min

Lab File: VL038830.D

Acq: 6 Apr 2022 12:27

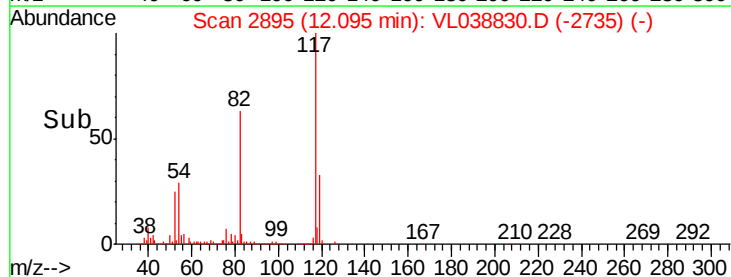
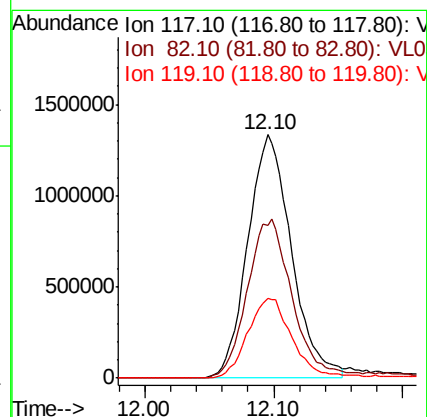
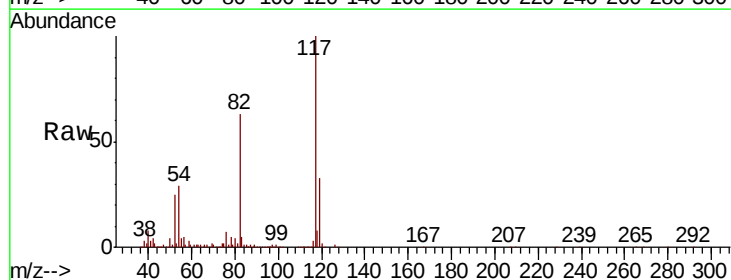
Tgt Ion: 117 Resp: 3150046

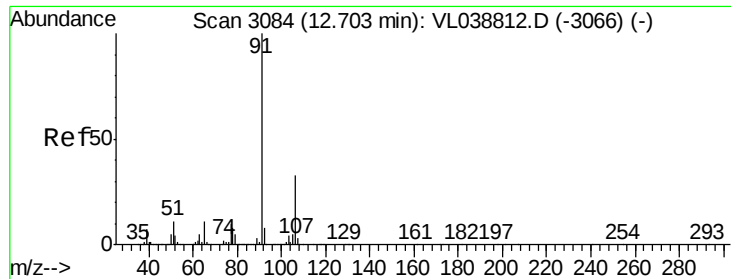
Ion Ratio Lower Upper

117 100

82 71.6 53.0 79.6

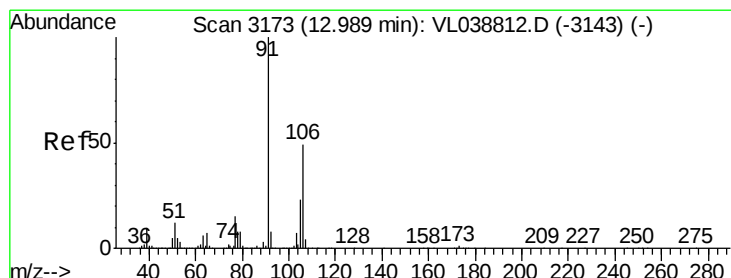
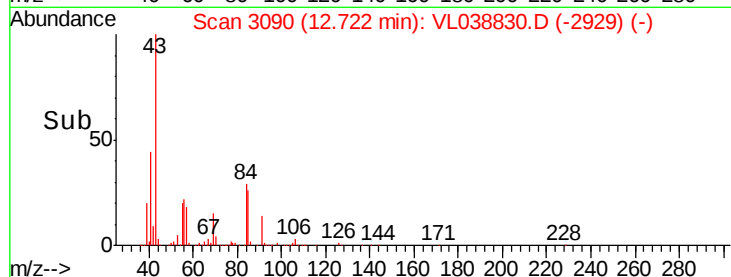
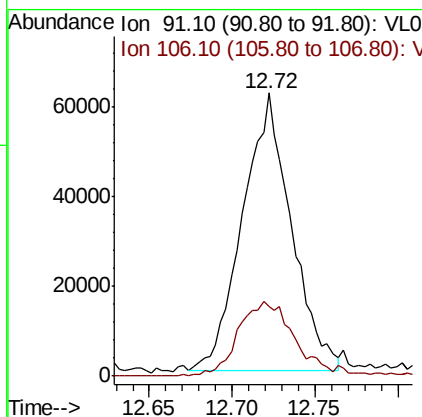
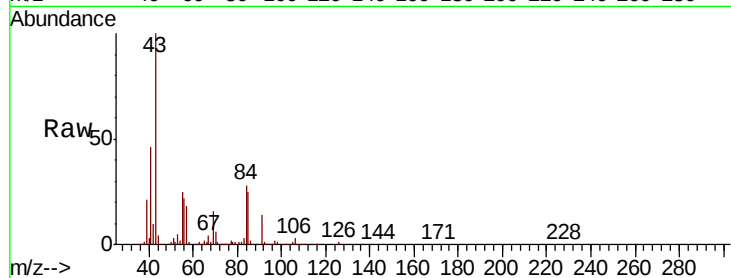
119 34.6 24.9 37.3





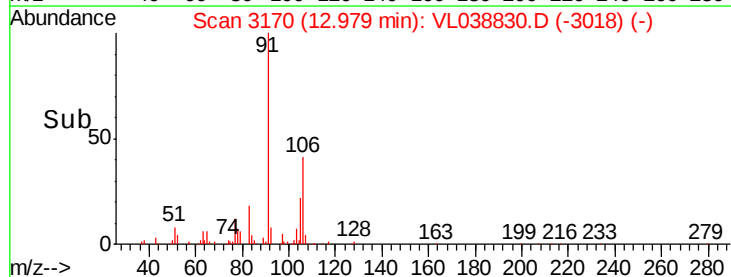
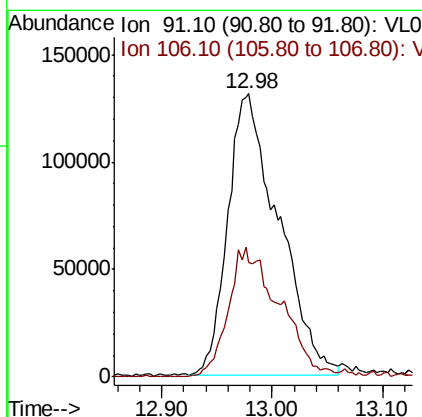
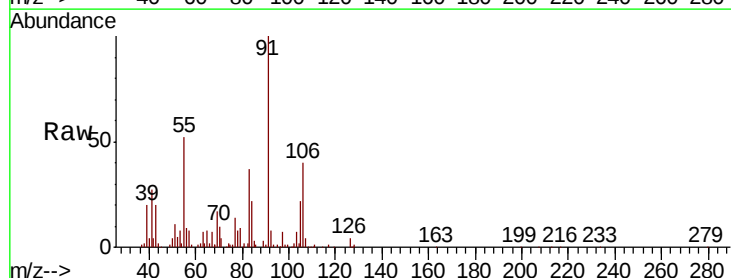
#58
Ethyl Benzene
Concen: 0.268 ppbv
RT: 12.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Apr 2022 12:27

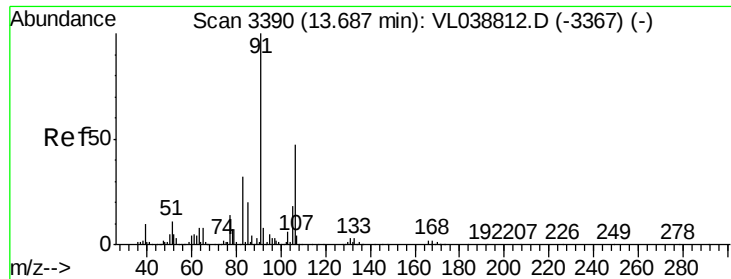
Tot Ion: 91 Resp: 126077
Ion Ratio Lower Upper
91 100
106 25.0 26.7 40.1#



#59
m/p-Xylene
Concen: 1.055 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL038830.D
Acq: 6 Apr 2022 12:27

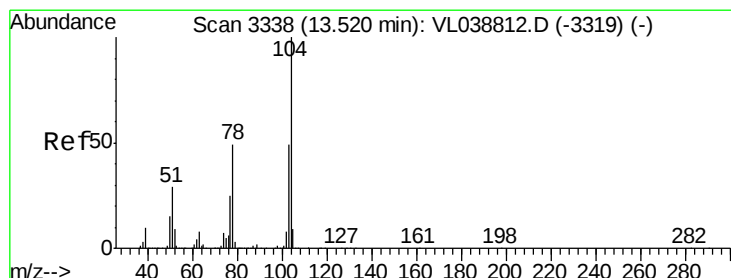
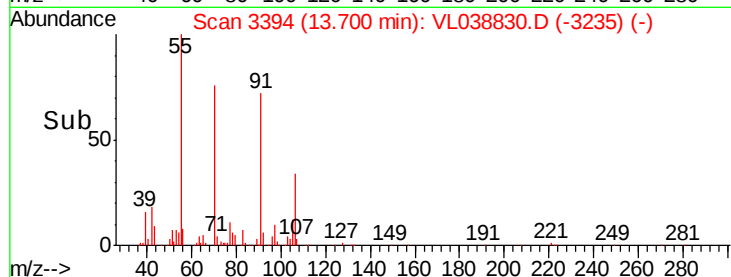
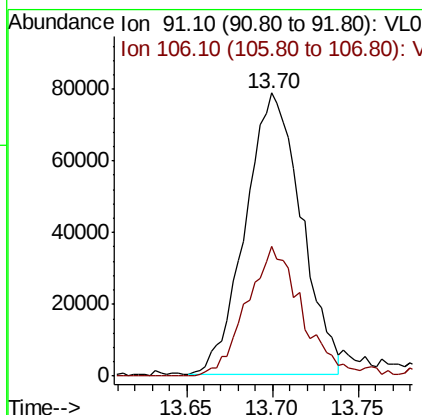
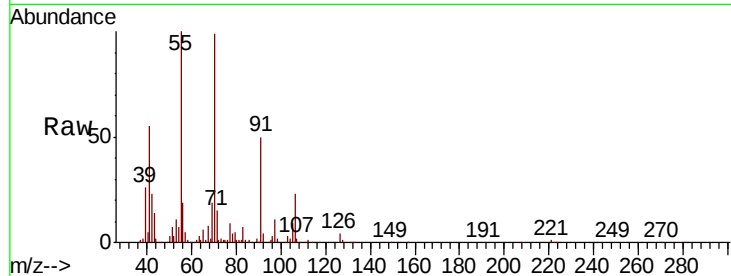
Tgt Ion: 91 Resp: 417360
Ion Ratio Lower Upper
91 100
106 46.8 37.1 55.7





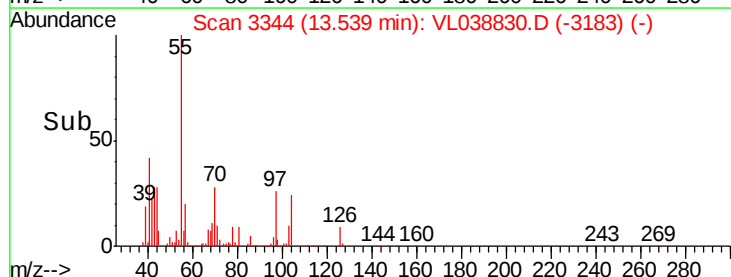
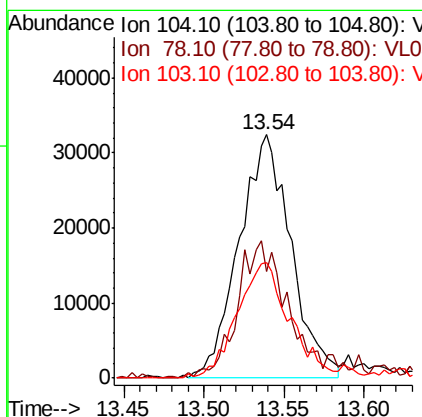
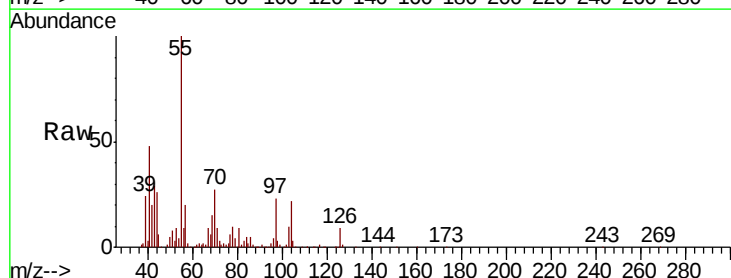
#60
o-Xylene
Concen: 0.480 ppbv
RT: 13.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Apr 2022 12:27

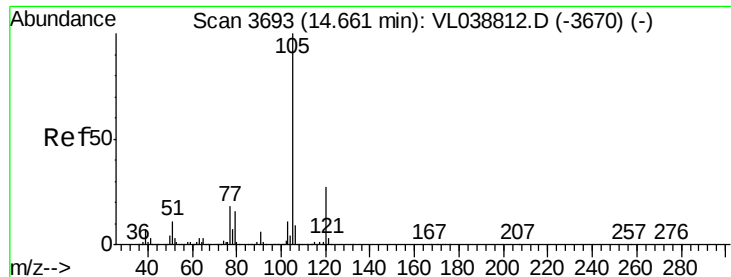
Tot Ion: 91 Resp: 177688
Ion Ratio Lower Upper
91 100
106 46.2 23.8 71.4



#61
Styrene
Concen: 0.321 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. 0.02 min
Lab File: VL038830.D
Acq: 6 Apr 2022 12:27

Tgt Ion:104 Resp: 72335
Ion Ratio Lower Upper
104 100
78 61.1 40.5 60.7#
103 50.4 39.0 58.4





#62

Isopropylbenzene

Concen: 1.378 ppbv

RT: 14.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

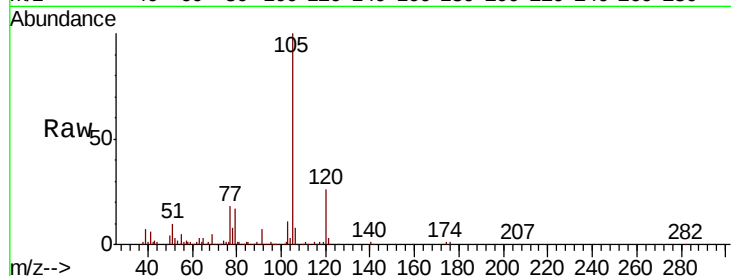
Acq: 6 Apr 2022 12:27

Tot Ion: 105 Resp: 765552

Ion Ratio Lower Upper

105 100

120 25.1 21.8 32.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.68

300000

200000

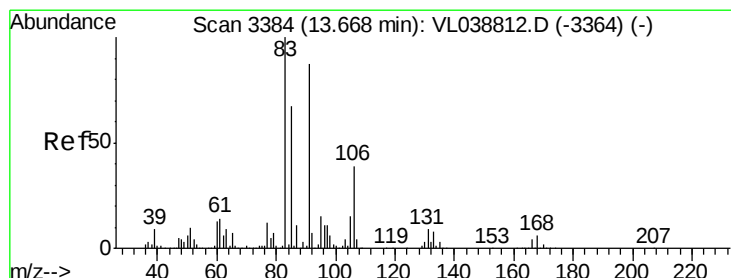
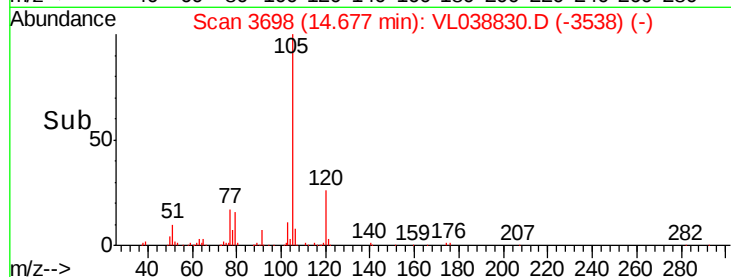
100000

0

Time-->

14.60

14.70



#63

1,1,2,2-Tetrachloroethane

Concen: 0.043 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. 0.02 min

Lab File: VL038830.D

Acq: 6 Apr 2022 12:27

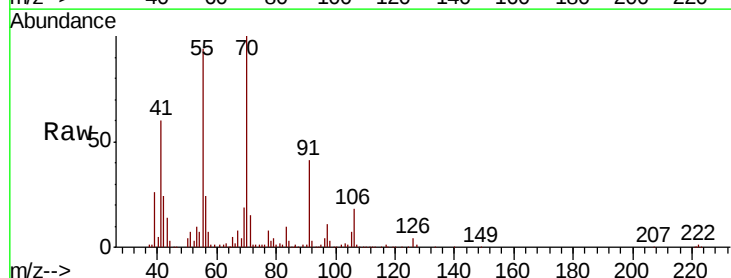
Tgt Ion: 83 Resp: 10063

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 0.0 33.0 99.0#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

15000

10000

5000

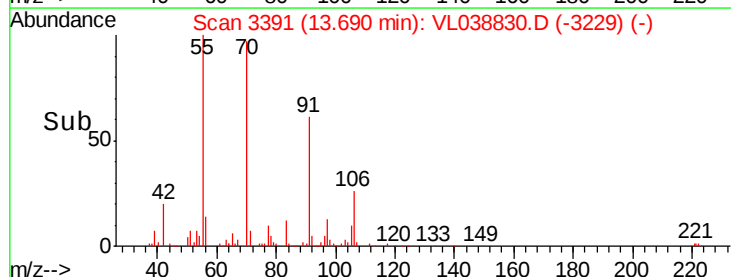
0

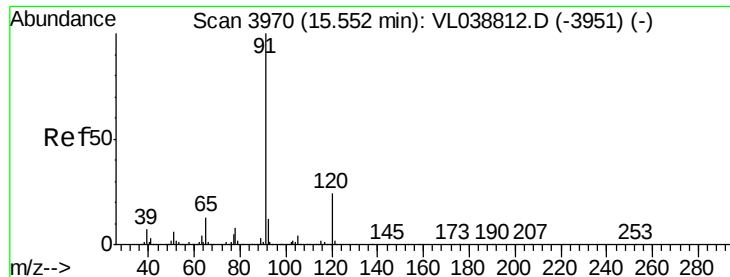
Time-->

13.68

13.69

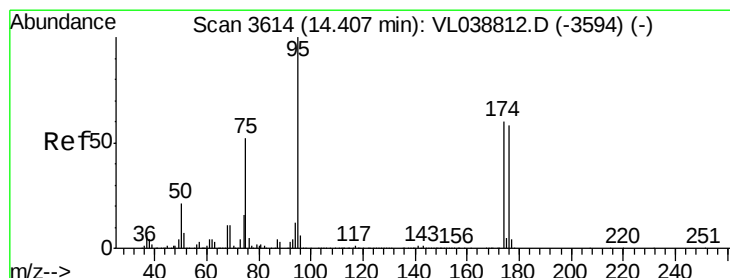
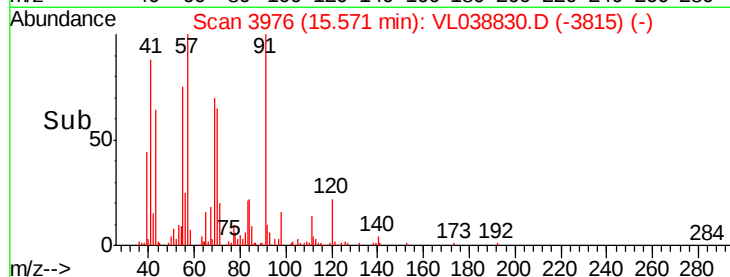
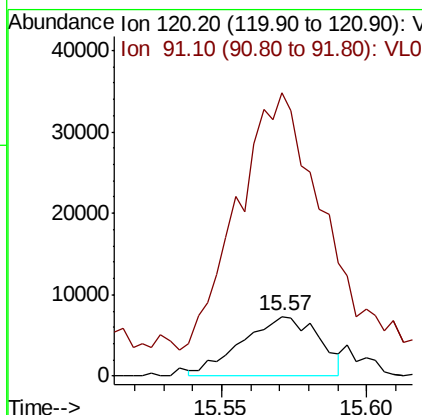
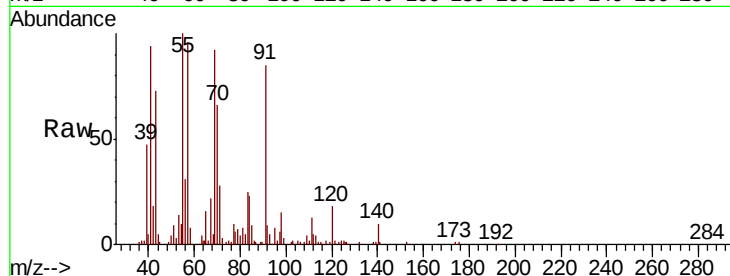
13.70





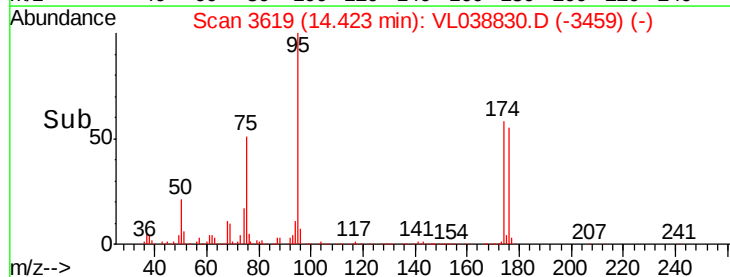
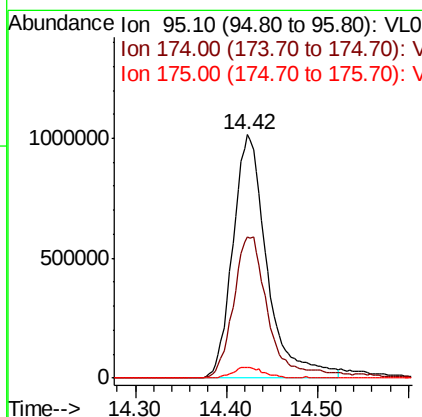
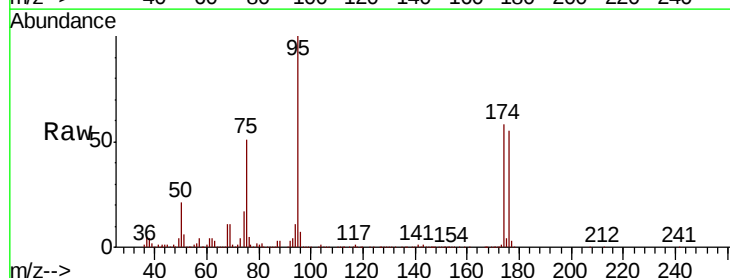
#64
 n-propylbenzene
 Concen: 0.093 ppbv
 RT: 15.57 min
 Delta R.T. MSVOA.L
 Lab File: ClientSampleId:
 Acq: 6 Apr 2022 12:27

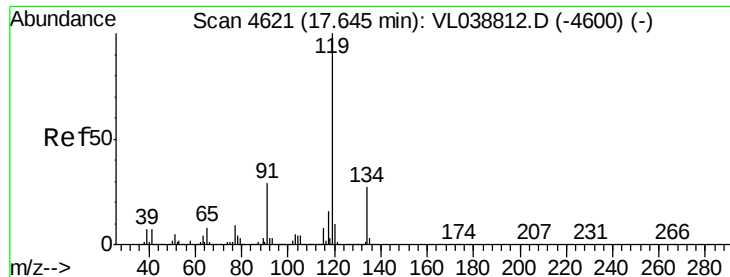
Tot Ion:120 Resp: 13375
 Ion Ratio Lower Upper
 120 100
 91 570.7 360.6 540.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.081 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T. 0.02 min
 Lab File: VL038830.D
 Acq: 6 Apr 2022 12:27

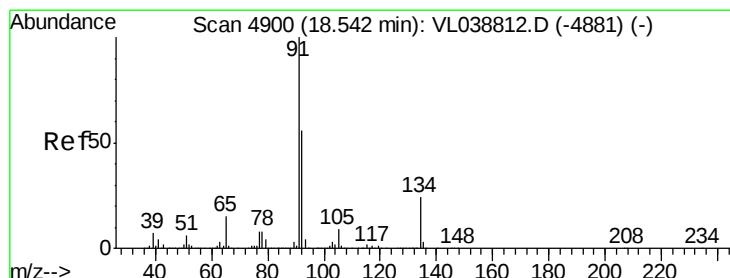
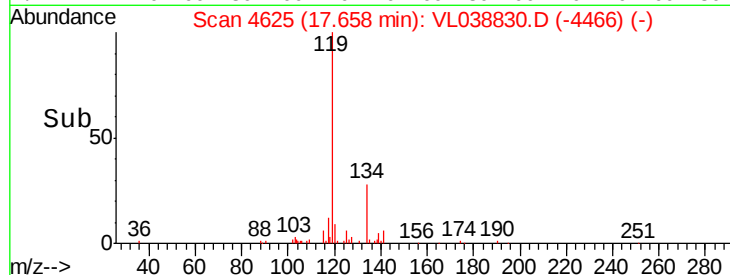
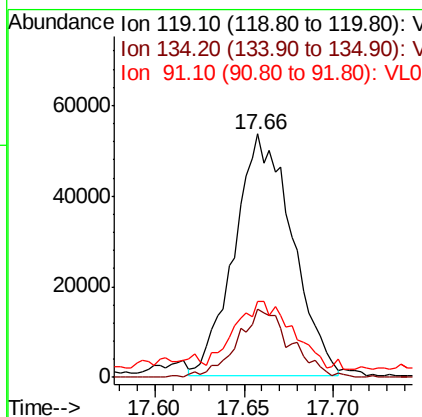
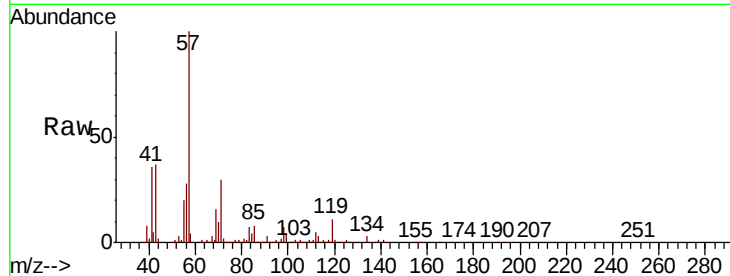
Tgt Ion: 95 Resp: 2647799
 Ion Ratio Lower Upper
 95 100
 174 61.5 52.0 78.0
 175 4.6 4.0 6.0





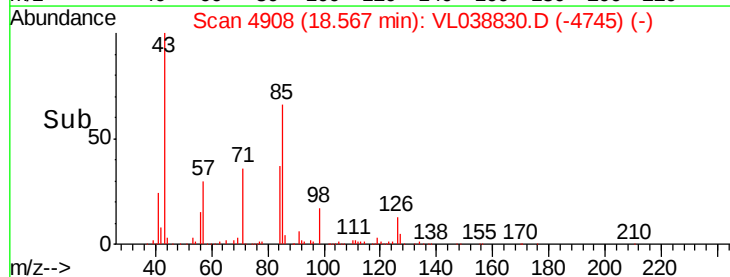
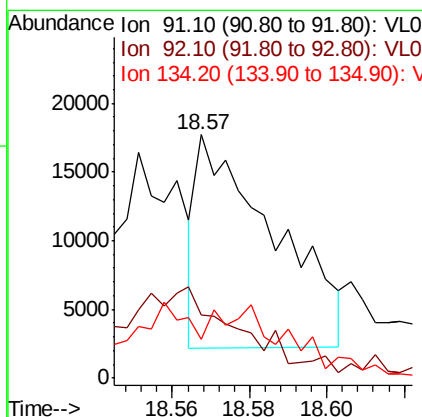
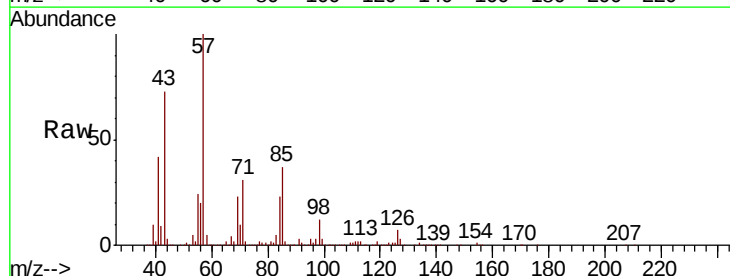
#69
 p-Isopropyltoluene
 Concen: 0.212 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Apr 2022 12:27

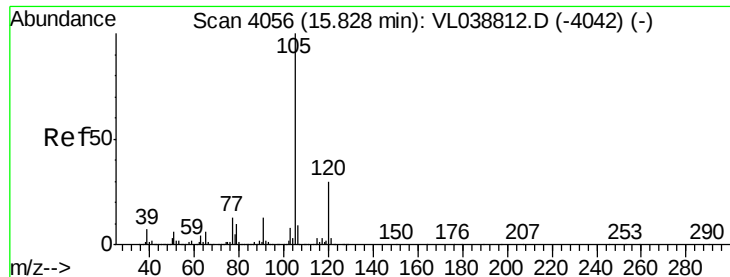
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.8	31.2
91	40.9	22.6	34.0



#70
 n-Butylbenzene
 Concen: 0.037 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.03 min
 Lab File: VL038830.D
 Acq: 6 Apr 2022 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	81.3	44.6	66.8
134	0.0	19.2	28.8





#72

4-Ethyltoluene

Concen: 0.210 ppbv

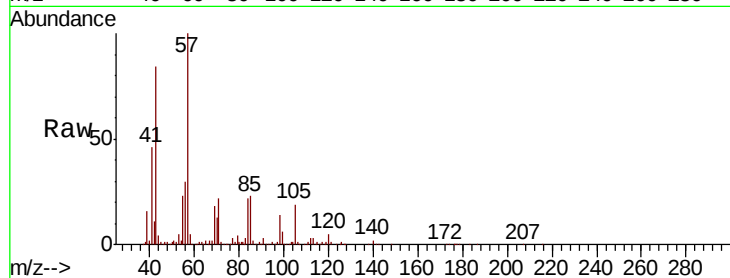
RT: 15.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 Apr 2022 12:27

Tot Ion:	105	Resp:	92750
Ion Ratio	Lower	Upper	
105	100		
120	30.2	24.3	36.5
91	13.4	9.4	14.2
77	24.7	10.6	15.8#

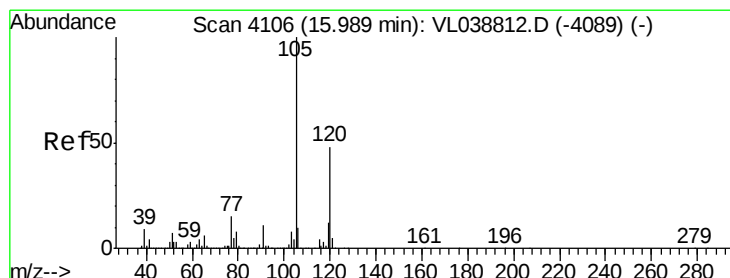
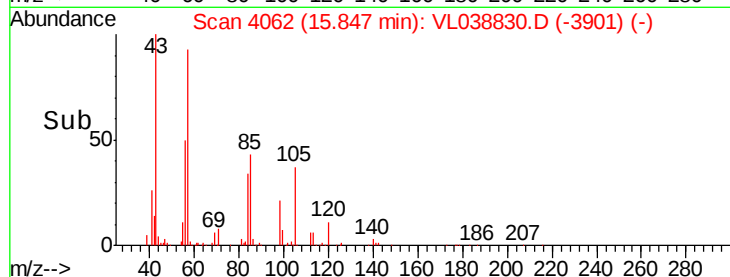
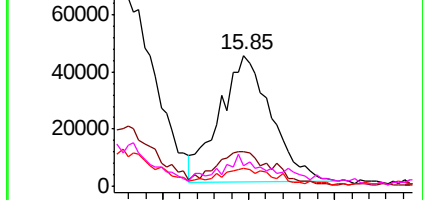


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.061 ppbv

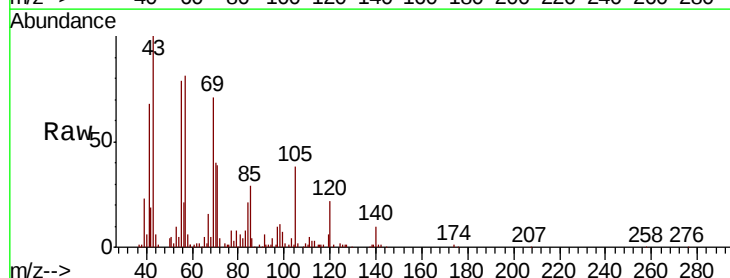
RT: 16.01 min Scan# 4113

Delta R.T. 0.02 min

Lab File: VL038830.D

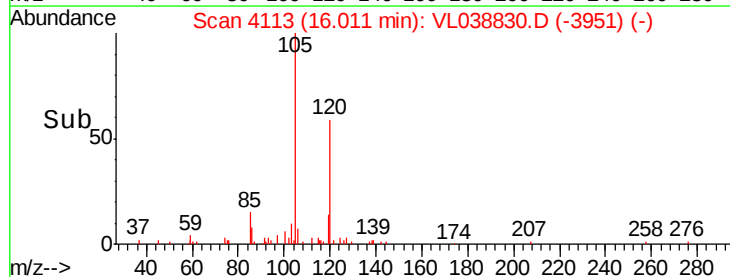
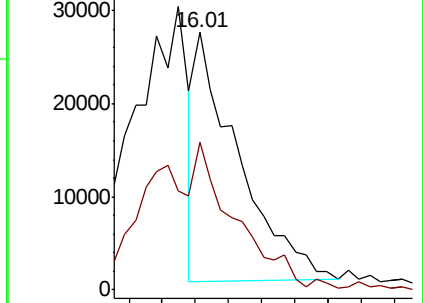
Acq: 6 Apr 2022 12:27

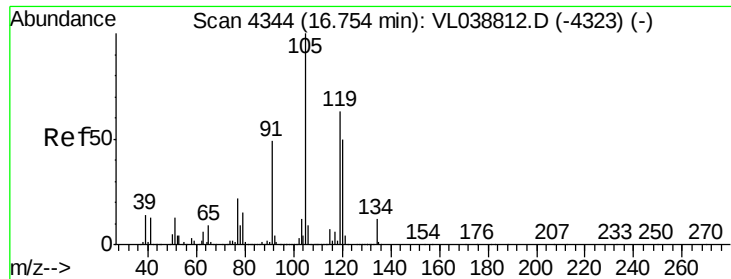
Tgt Ion:	105	Resp:	24086
Ion Ratio	Lower	Upper	
105	100		
120	59.2	38.7	58.1#



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: 0.596 ppbv
 RT: 16.77
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Apr 2022 12.27

Tot Ion:	105	Resp:	249949
Ion Ratio	Lower	Upper	
105	100		
120	38.9	39.8	59.8#
91	8.8	39.4	59.0#
77	13.4	17.3	25.9#

