

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061322\
 Data File : VL039263.D
 Acq On : 13 Jun 2022 22:37
 Operator : SY/AP
 Sample : N3306-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Quant Time: Jun 14 01:33:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1150833	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2481682	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2196440	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2041481	11.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	56314	0.279	ppbv	97
3) Chlorodifluoromethane	2.97	51	196550	1.342	ppbv #	73
4) Chloromethane	3.15	50	20118	0.267	ppbv #	68
9) Propene	3.21	41	383226	6.002	ppbv	88
10) Heptane	8.12	43	24868	0.167	ppbv #	50
11) Trichlorofluoromethane	3.96	101	55602	0.304	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	4308	0.036	ppbv #	1
13) Ethanol	3.61	45	1170323	336.103	ppbv #	100
15) Acetone	3.85	43	8188040	68.302	ppbv #	81
16) 1,3-Butadiene	3.31	39	20363	0.316	ppbv #	53
17) tert-Butyl alcohol	4.31	59	63242	0.680	ppbv #	70
19) Isopropyl Alcohol	3.98	45	4424735	78.694	ppbv	100
20) Methylene Chloride	4.35	84	552503	10.937	ppbv	97
21) Allyl Chloride	4.13	41	2930998	36.244	ppbv #	53
23) Vinyl Acetate	5.07	43	121751	1.227	ppbv #	66
25) Ethyl Acetate	5.69	43	304116	1.126	ppbv #	86
26) Hexane	5.69	57	317134	2.671	ppbv #	43
30) Cyclohexane	7.13	84	3300	0.033	ppbv #	1
34) 2-Butanone	5.25	43	227662	1.689	ppbv	100
35) Carbon Tetrachloride	7.02	117	6098	0.034	ppbv #	80
36) Benzene	6.89	78	82641	0.410	ppbv	94
39) 1,2-Dichloropropane	7.18	63	730608	9.117	ppbv #	25
44) 2,2,4-Trimethylpentane	7.87	57	82568	0.234	ppbv #	69
50) 4-Methyl-2-Pentanone	8.75	43	19382	0.096	ppbv #	54
51) 2-Hexanone	10.42	43	662890	4.221	ppbv #	44
52) Tetrachloroethene	11.23	164	47641	0.606	ppbv	93
53) Toluene	9.81	91	332629	1.434	ppbv	99
58) Ethyl Benzene	12.99	91	53541	0.177	ppbv	90
59) m/p-Xylene	12.99	91	53541	0.201	ppbv #	33
60) o-Xylene	13.69	91	79729	0.318	ppbv	95
61) Styrene	13.53	104	195812	1.461	ppbv	94
66) Benzyl Chloride	16.66	91	8538	0.193	ppbv #	71
67) sec-Butylbenzene	17.49	105	256587	0.553	ppbv #	59
69) p-Isopropyltoluene	17.66	119	85767	0.219	ppbv #	1
71) 2-Chlorotoluene	15.32	91	4434244	15.627	ppbv #	44
73) 1,3,5-Trimethylbenzene	15.99	105	12106	0.046	ppbv	88
74) 1,2,4-Trimethylbenzene	16.76	105	117974	0.399	ppbv #	61
76) 1,4-Dichlorobenzene	17.14	146	9456	0.057	ppbv #	1
79) Naphthalene	22.19	128	11181	0.049	ppbv #	88

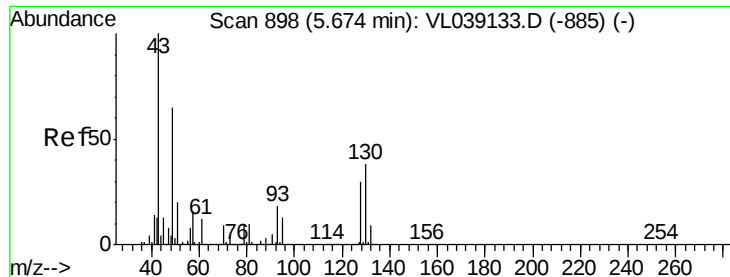
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061322\
Data File : VL039263.D
Acq On : 13 Jun 2022 22:37
Operator : SY/AP
Sample : N3306-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
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Quant Time: Jun 14 01:33:17 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Jun 2022 22:37

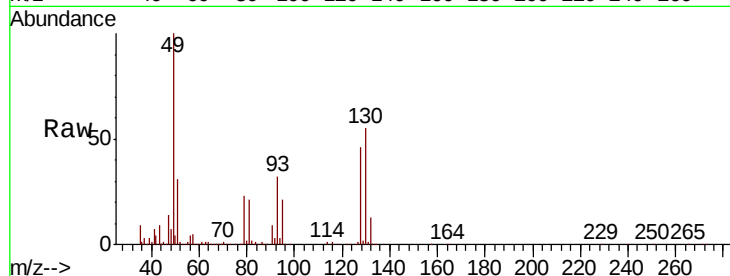
Tot Ion: 49 Resp: 1150833

Ion Ratio Lower Upper

49 100

128 46.5 24.7 74.1

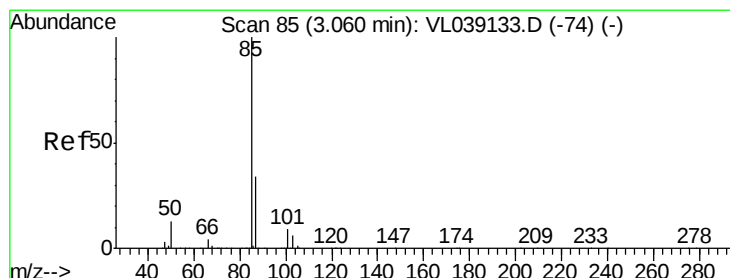
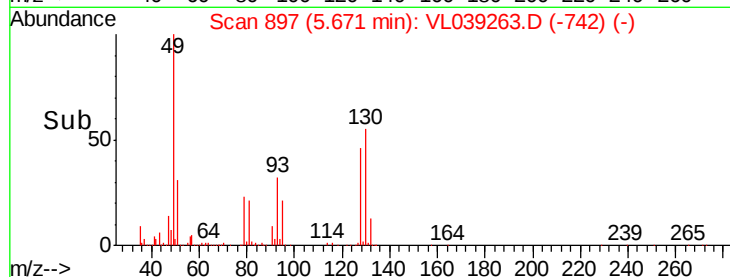
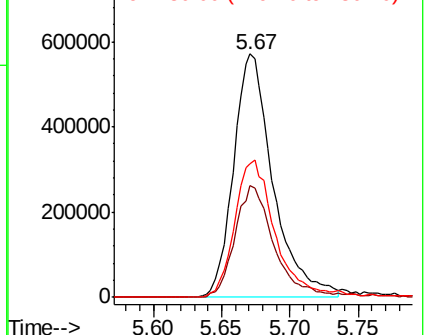
130 58.9 31.4 94.0



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: 0.279 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039263.D

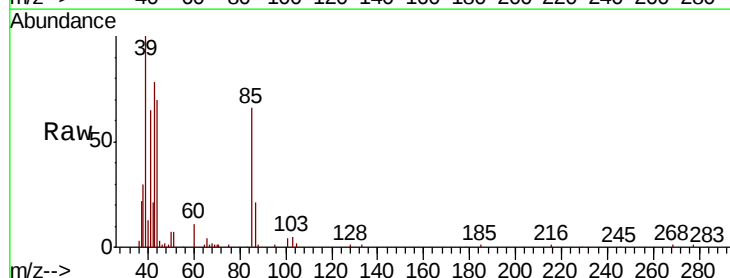
Acq: 13 Jun 2022 22:37

Tgt Ion: 85 Resp: 56314

Ion Ratio Lower Upper

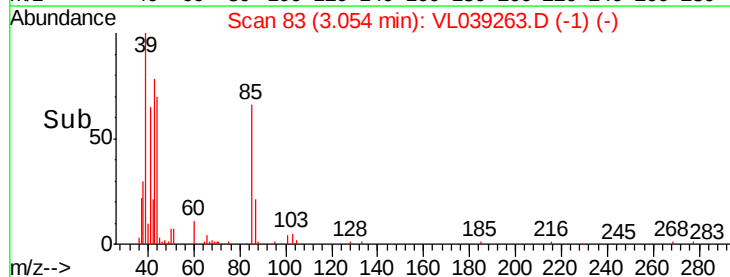
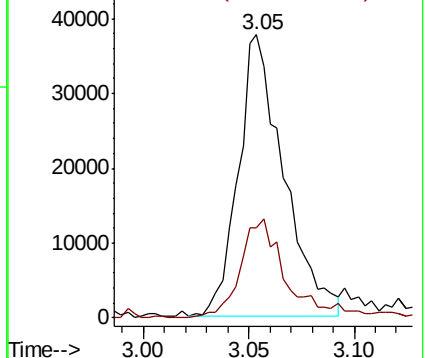
85 100

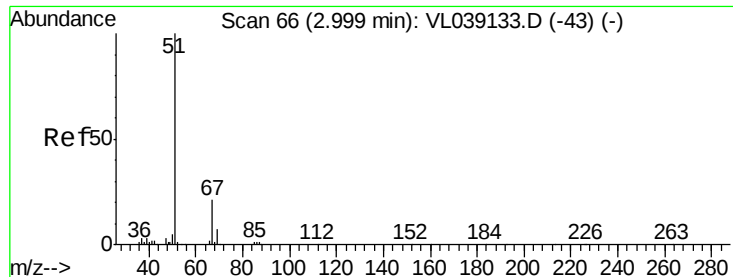
87 31.9 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.342 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

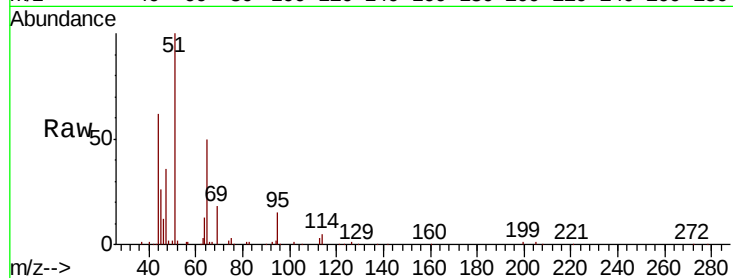
Acq: 13 Jun 2022 22:37

Tot Ion: 51 Resp: 196550

Ion Ratio Lower Upper

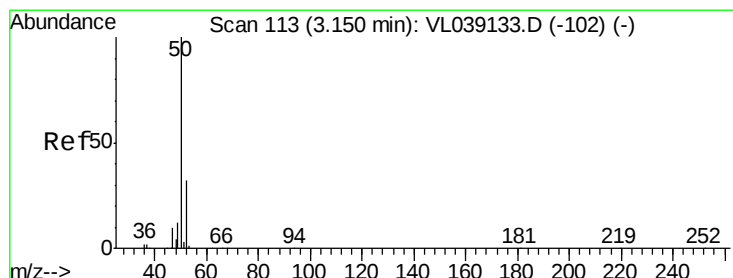
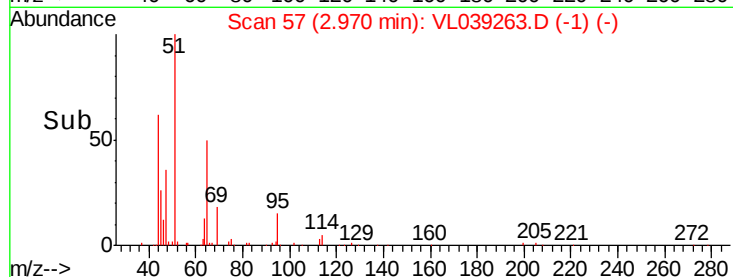
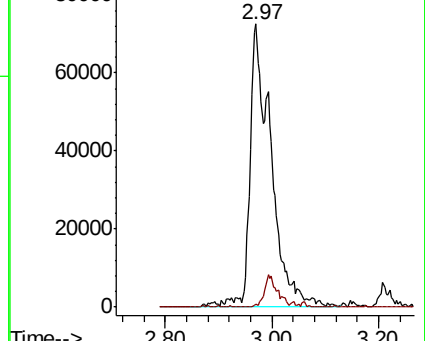
51 100

67 7.8 16.2 24.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.267 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL039263.D

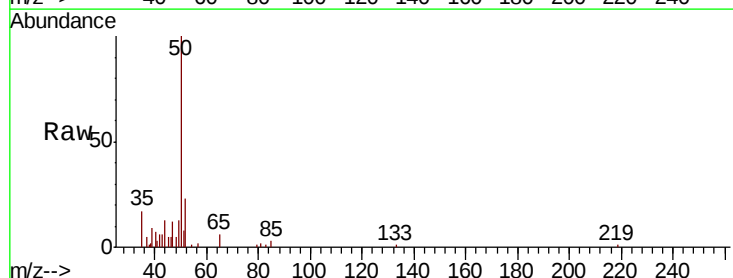
Acq: 13 Jun 2022 22:37

Tgt Ion: 50 Resp: 20118

Ion Ratio Lower Upper

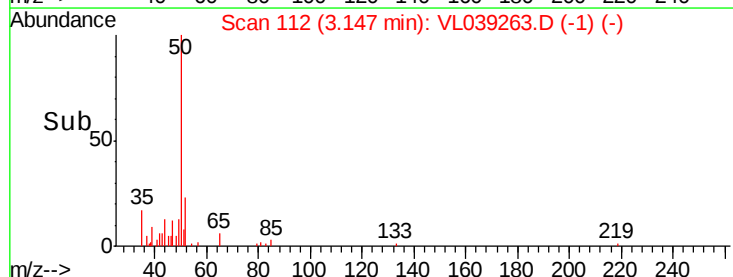
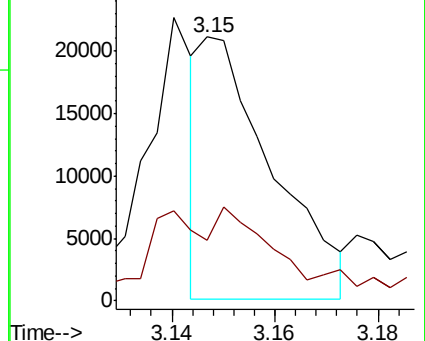
50 100

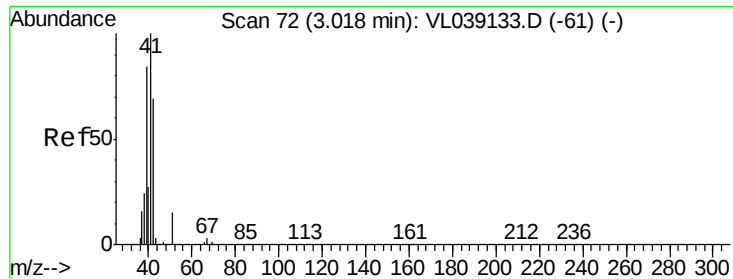
52 14.5 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

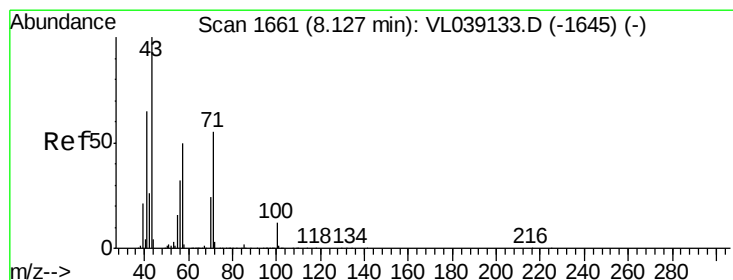
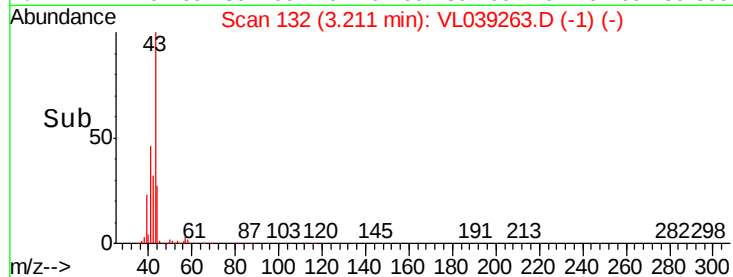
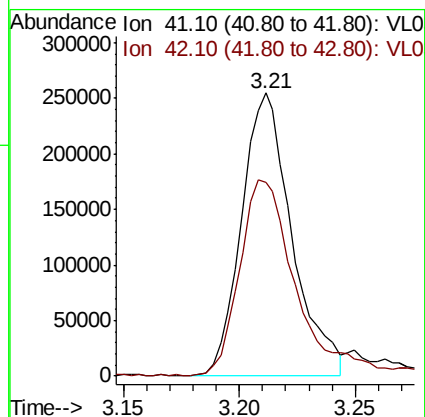
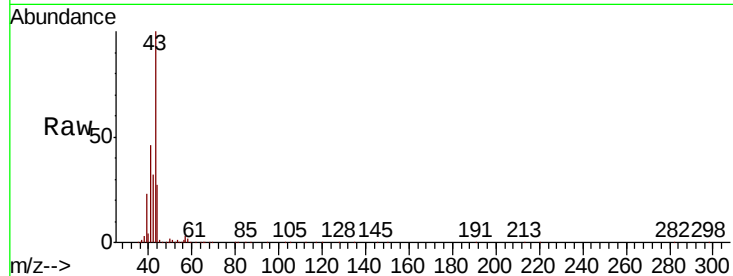
Ion 52.10 (51.80 to 52.80): VL0





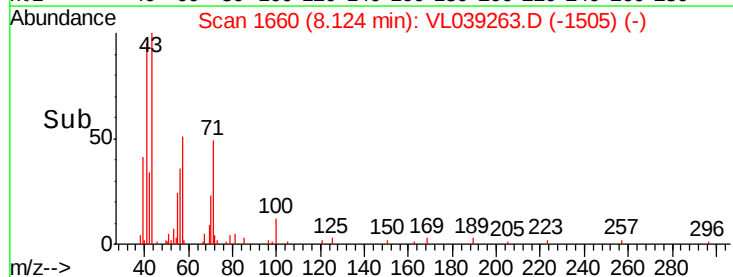
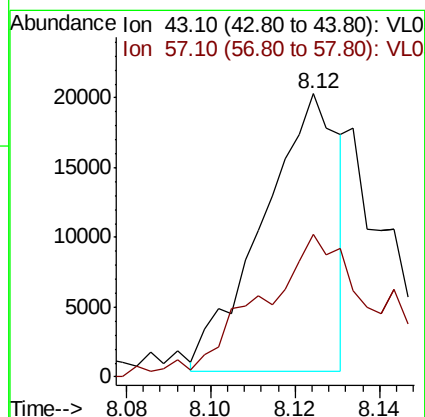
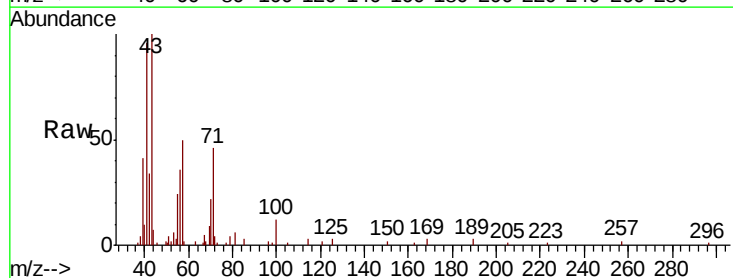
#9
 Propene
 Concen: 6.002 ppbv
 RT: 3.21
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

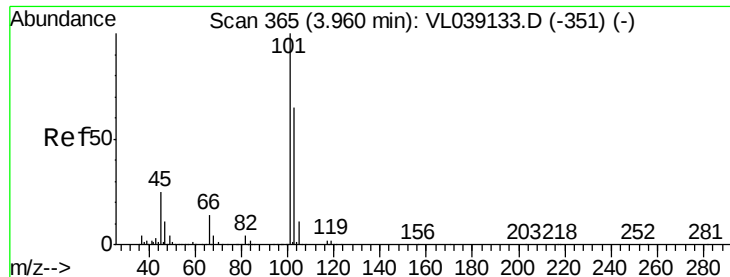
Tot Ion: 41 Resp: 383226
 Ion Ratio Lower Upper
 41 100
 42 79.4 55.4 83.2



#10
 Heptane
 Concen: 0.167 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

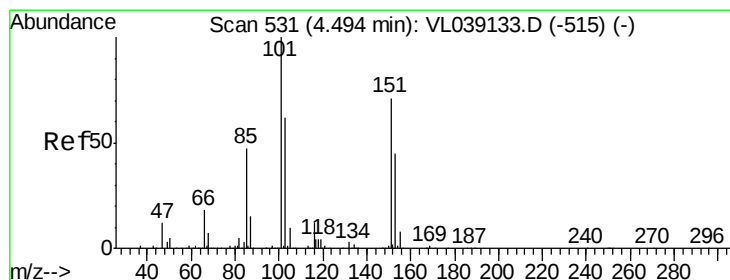
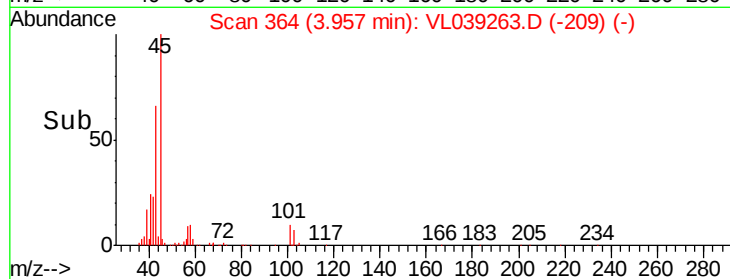
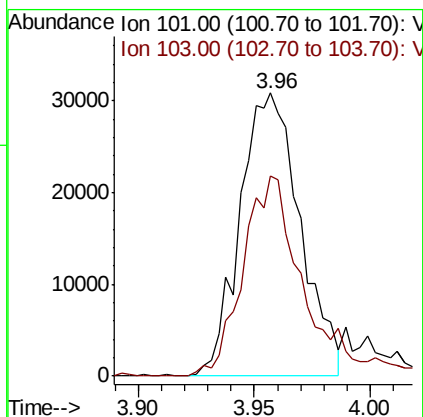
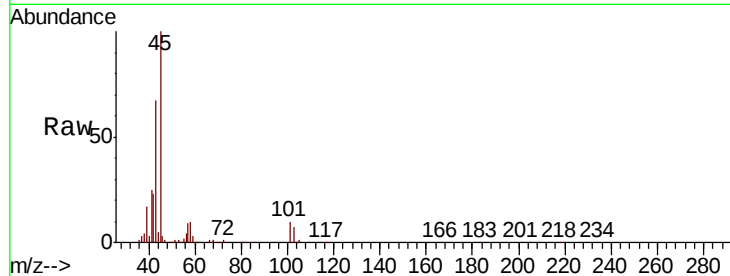
Tgt Ion: 43 Resp: 24868
 Ion Ratio Lower Upper
 43 100
 57 87.1 41.4 62.2#





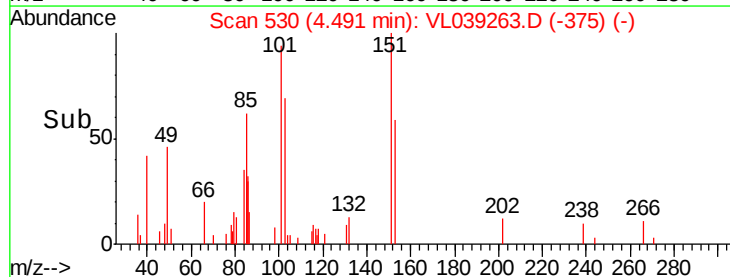
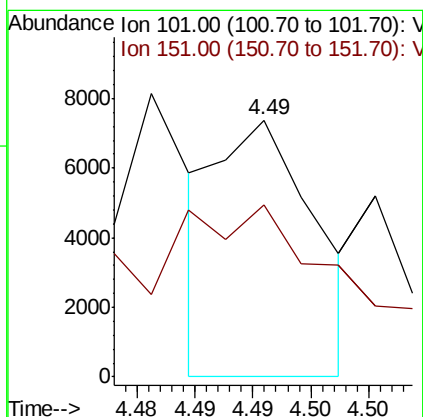
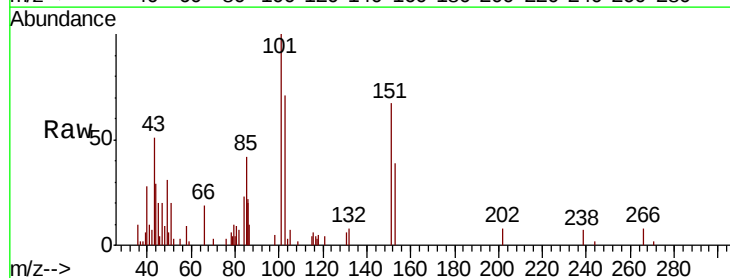
#11
 Trichlorofluoromethane
 Concen: 0.304 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

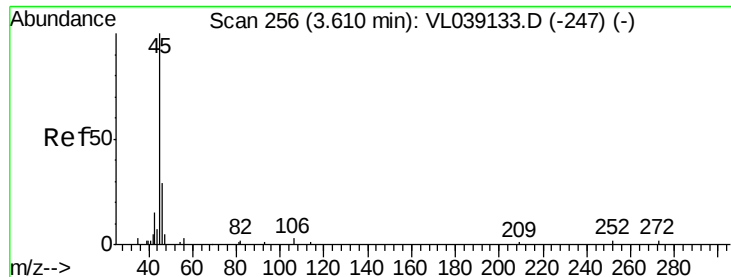
Tot Ion:101 Resp: 55602
 Ion Ratio Lower Upper
 101 100
 103 69.5 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.036 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

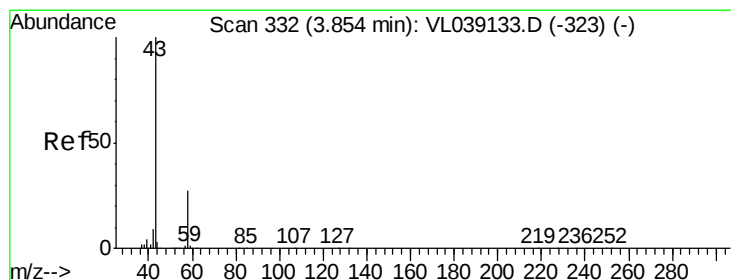
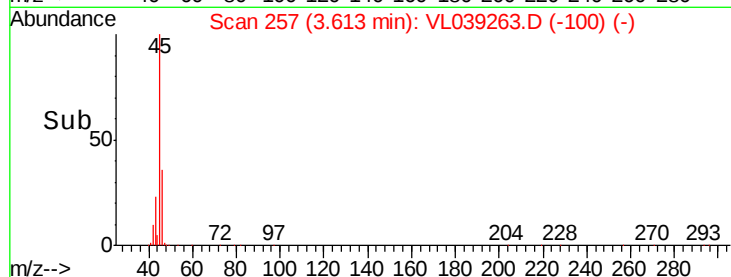
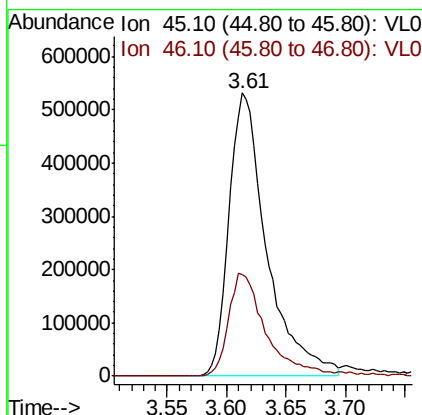
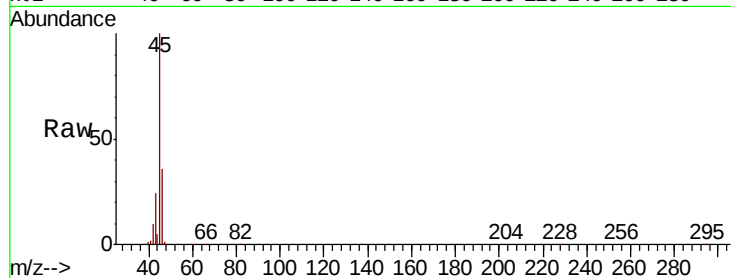
Tgt Ion:101 Resp: 4308
 Ion Ratio Lower Upper
 101 100
 151 200.4 59.4 89.0#





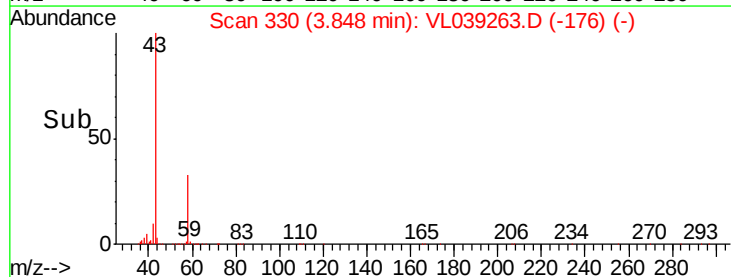
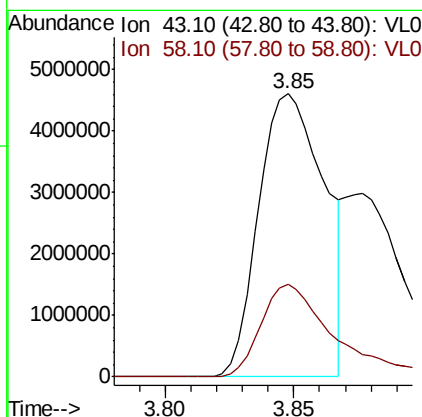
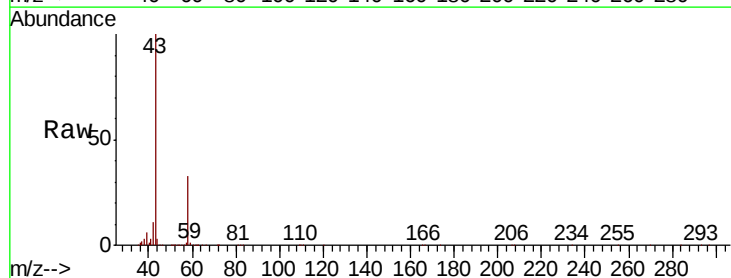
#13
 Ethanol
 Concen: 336.103 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

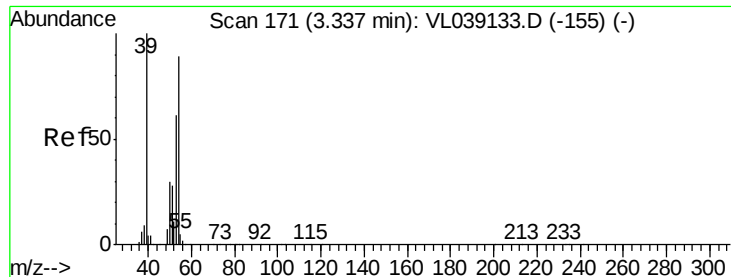
Tot Ion: 45 Resp: 1170323
 Ion Ratio Lower Upper
 45 100
 46 37.1 0.0 0.0#



#15
 Acetone
 Concen: 68.302 ppbv
 RT: 3.85 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

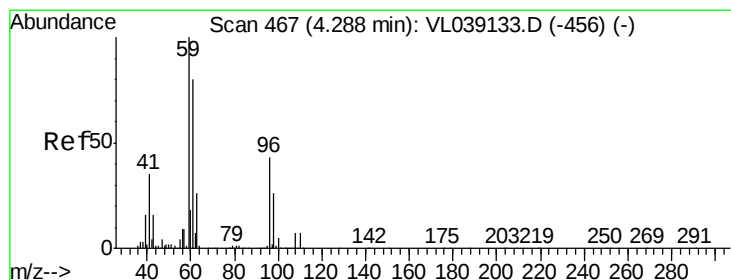
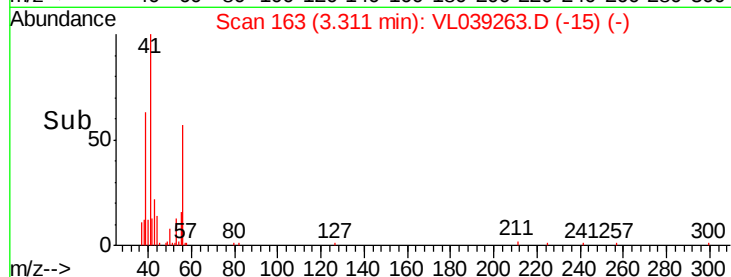
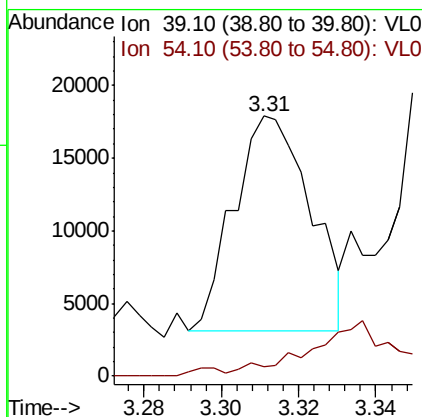
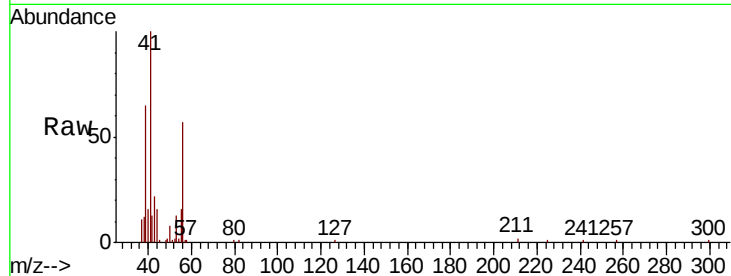
Tgt Ion: 43 Resp: 8188040
 Ion Ratio Lower Upper
 43 100
 58 38.0 22.5 33.7#





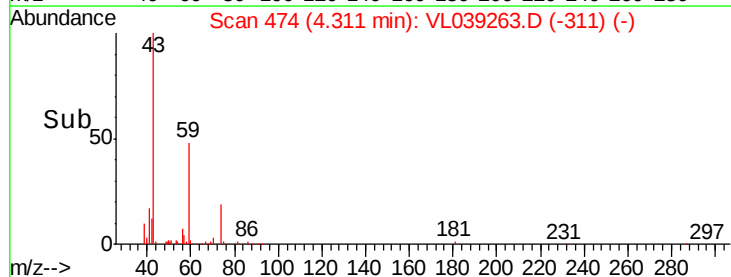
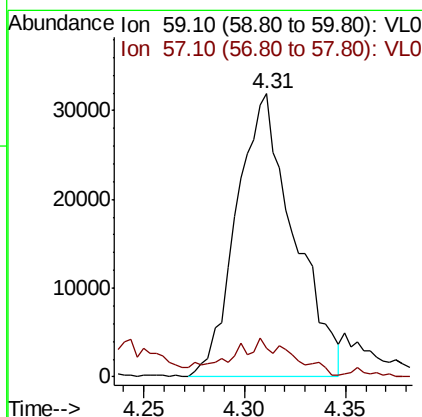
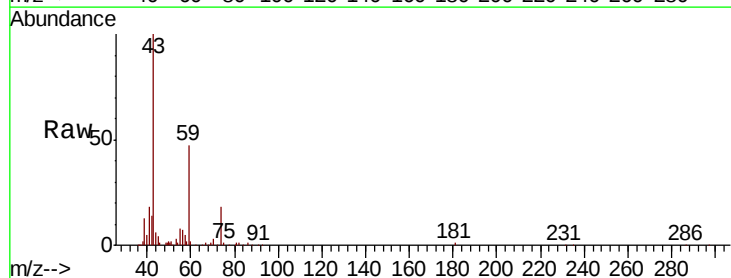
#16
 1,3-Butadiene
 Concen: 0.316 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

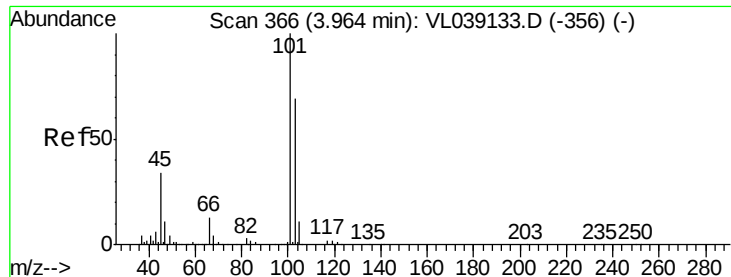
Tot Ion: 39 Resp: 20363
 Ion Ratio Lower Upper
 39 100
 54 39.9 65.8 98.6#



#17
 tert-Butyl alcohol
 Concen: 0.680 ppbv
 RT: 4.31 min Scan# 474
 Delta R.T. 0.02 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

Tgt Ion: 59 Resp: 63242
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#





#19

Isopropyl Alcohol

Concen: 78.694 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

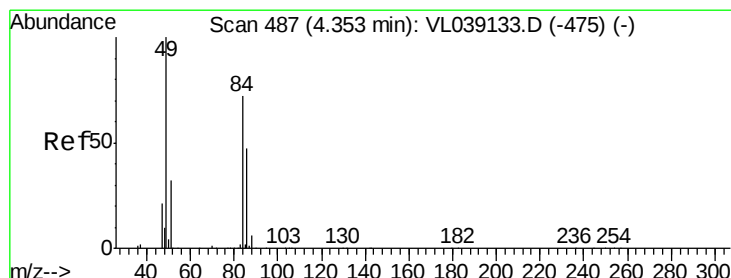
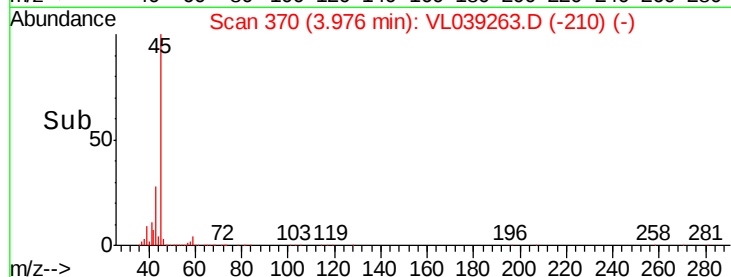
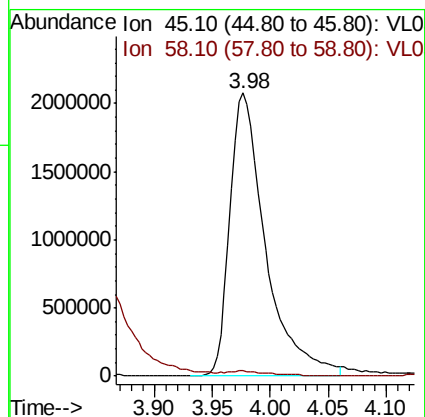
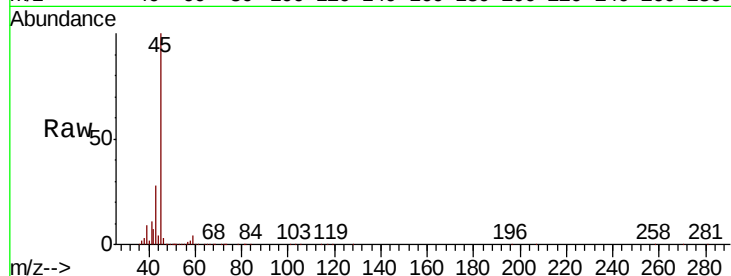
Acq: 13 Jun 2022 22:37

Tot Ion: 45 Resp: 4424735

Ion Ratio Lower Upper

45 100

58 2.3 1.8 2.8



#20

Methylene Chloride

Concen: 10.937 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039263.D

Acq: 13 Jun 2022 22:37

Tgt Ion: 84 Resp: 552503

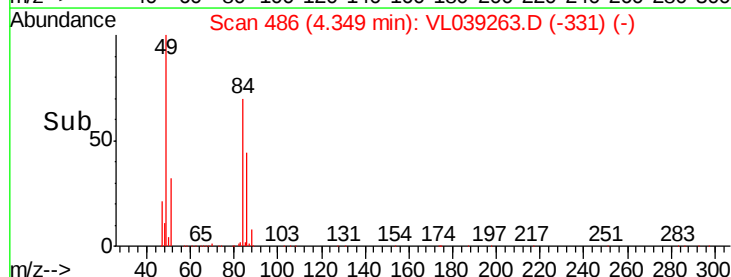
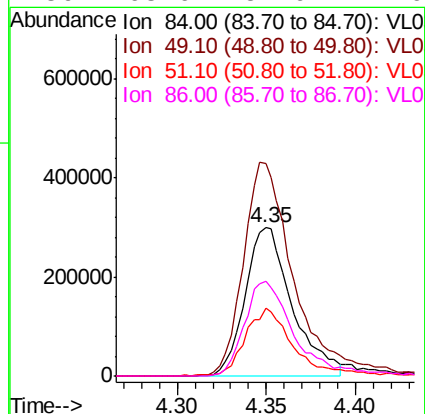
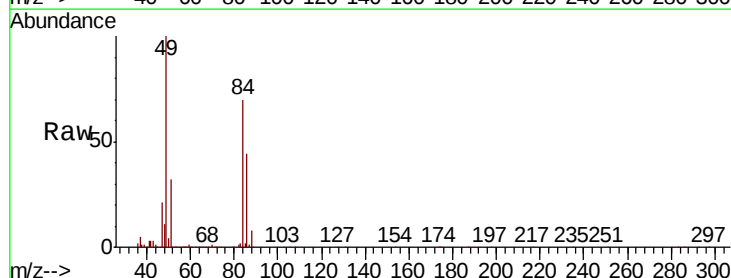
Ion Ratio Lower Upper

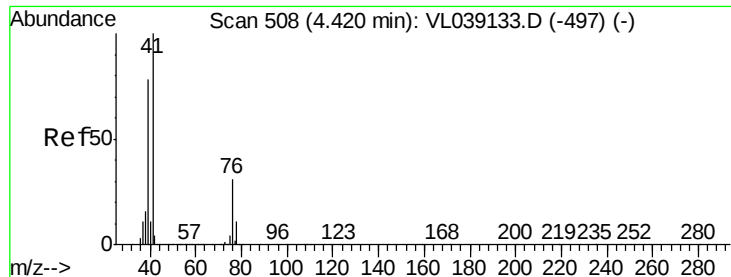
84 100

49 143.6 111.1 166.7

51 45.4 35.3 52.9

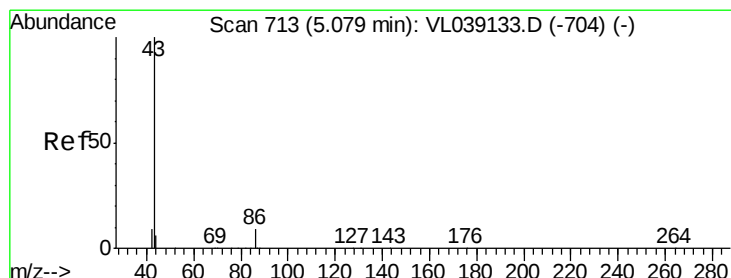
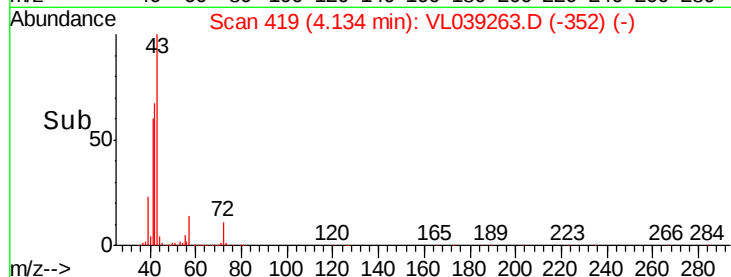
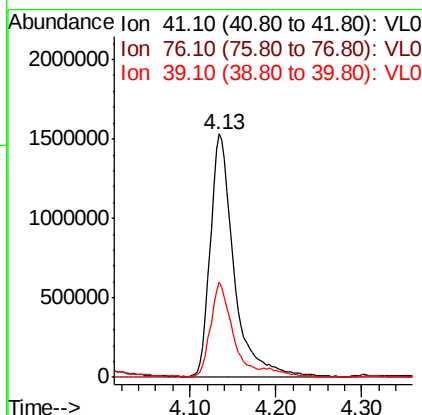
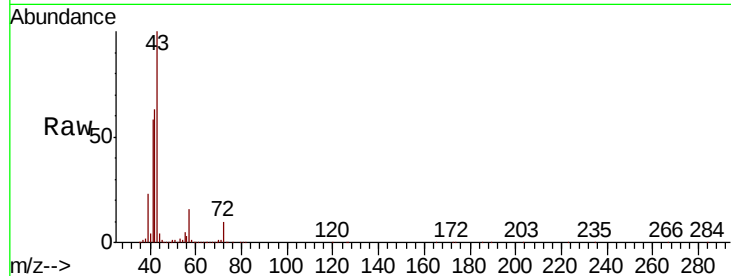
86 63.6 51.9 77.9





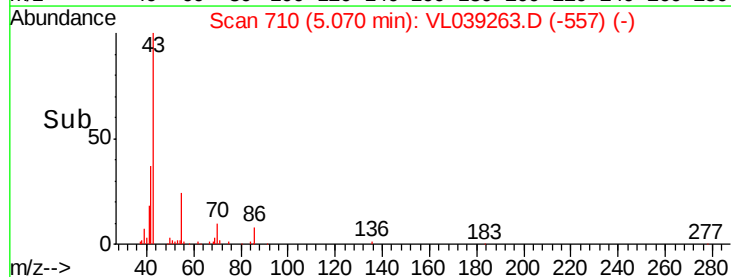
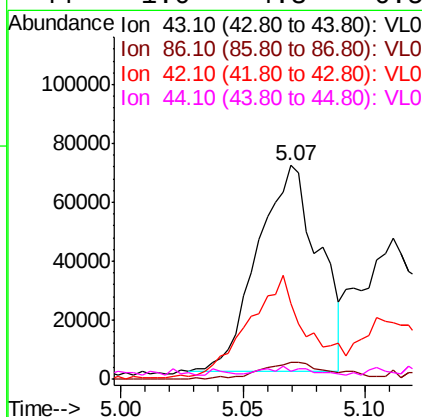
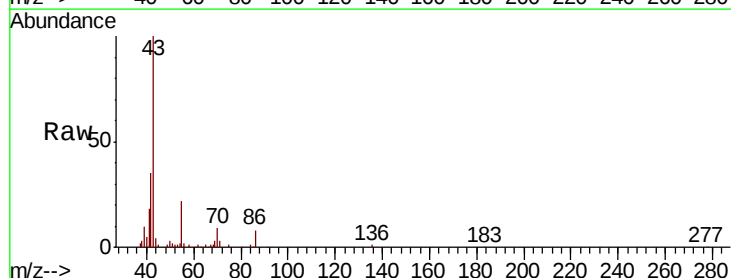
#21
Allvl Chloride
Concen: 36.244 ppbv
RT: 4.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

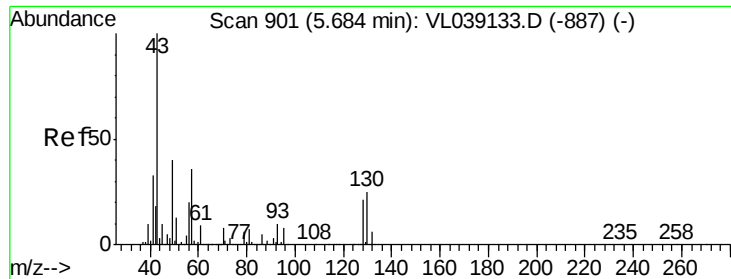
Tot Ion: 41 Resp: 2930998
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.2#
39 39.7 62.2 93.2#



#23
Vinyl Acetate
Concen: 1.227 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

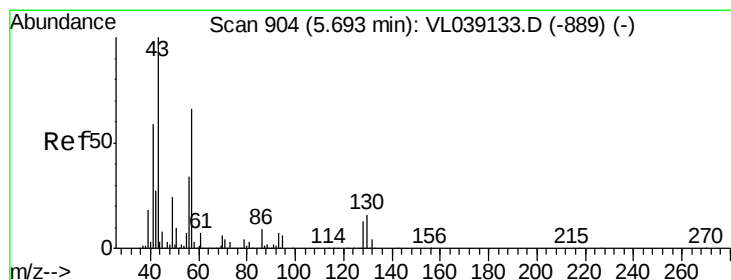
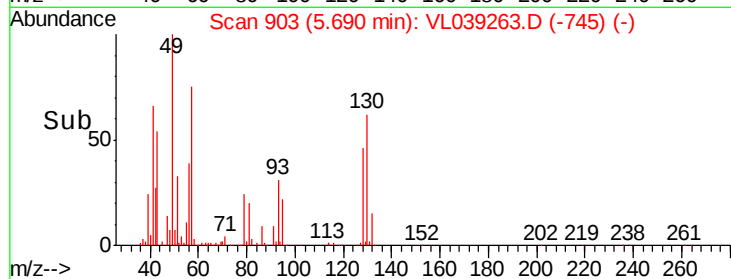
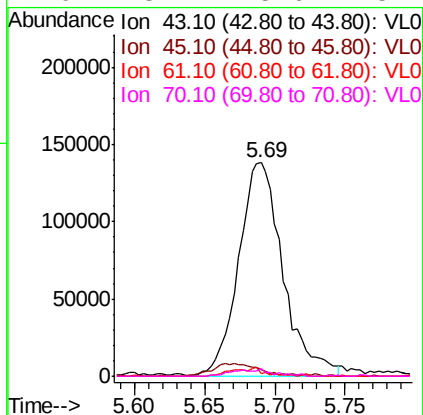
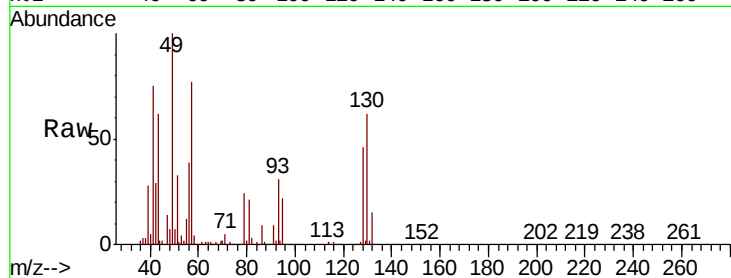
Tgt Ion: 43 Resp: 121751
Ion Ratio Lower Upper
43 100
86 8.2 6.0 9.0
42 35.4 8.2 12.4#
44 1.0 4.3 6.5#





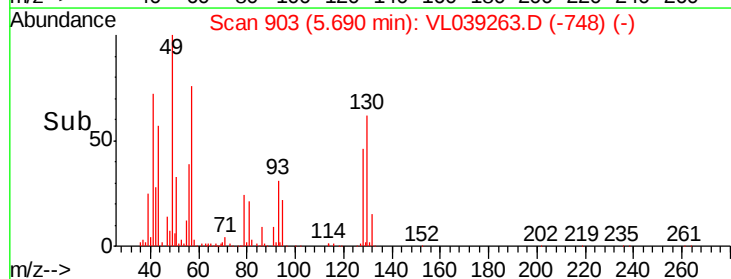
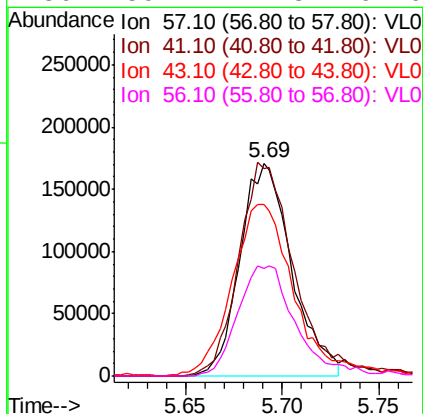
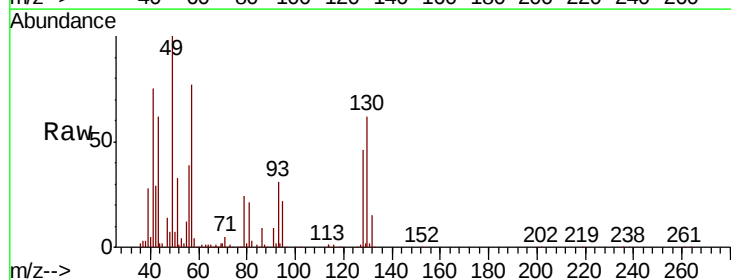
#25
Ethyl Acetate
Concen: 1.126 ppbv
RT: 5.69 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

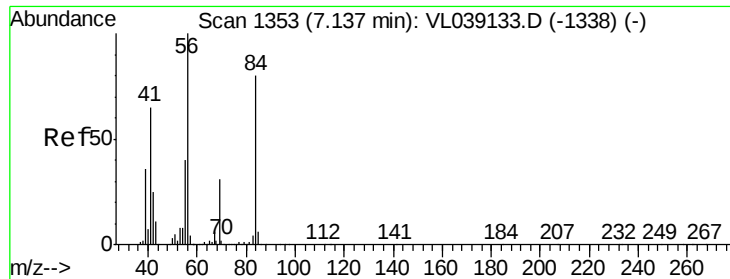
Tot Ion:	43	Resp:	304116
Ion	Ratio	Lower	Upper
43	100		
45	6.7	8.2	12.2#
61	3.4	8.4	12.6#
70	3.1	5.6	8.4#



#26
Hexane
Concen: 2.671 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: -0.00 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

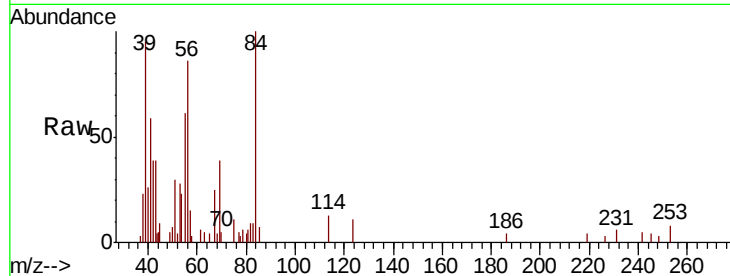
Tgt Ion:	57	Resp:	317134
Ion	Ratio	Lower	Upper
57	100		
41	111.5	72.4	108.6#
43	97.5	187.0	280.6#
56	59.7	41.8	62.6



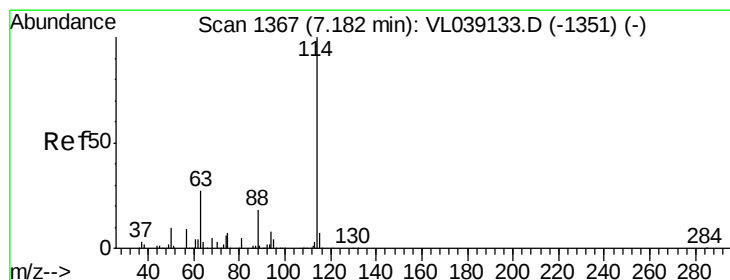
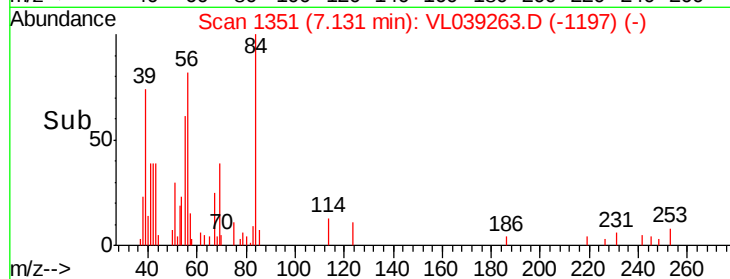
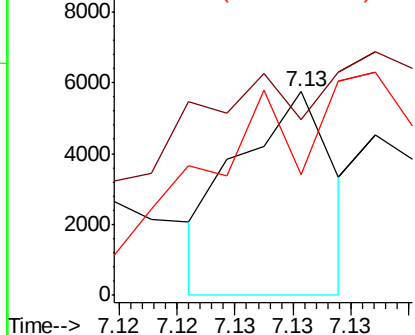


#30
Cvclohexane
Concen: 0.033 ppbv
RT: 7.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	68.9	103.3#

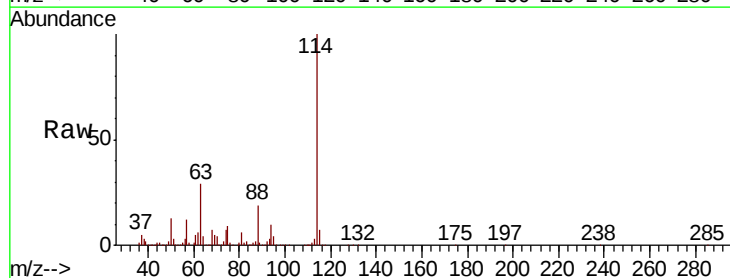


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

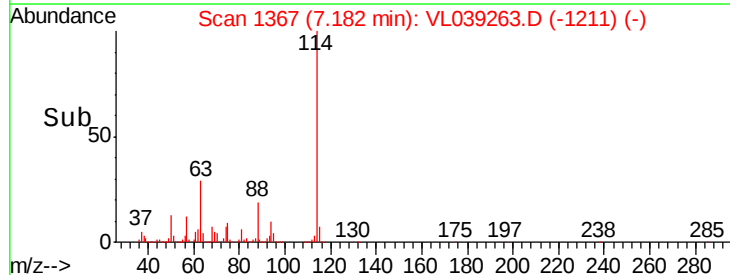
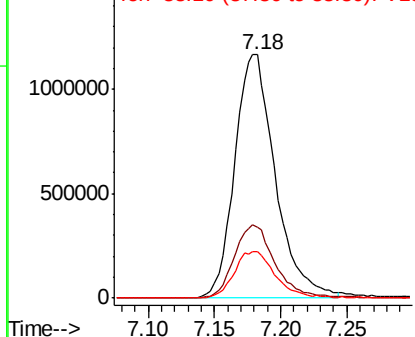


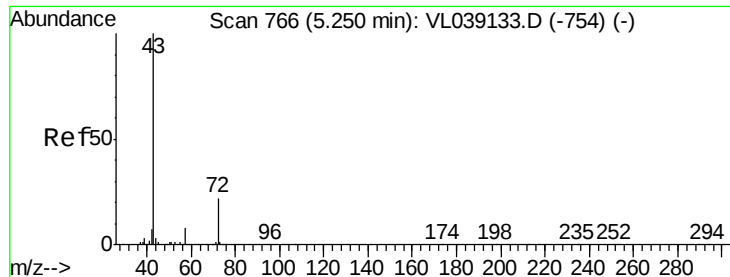
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.5	21.7	32.5
88	19.8	14.8	22.2



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: 1.689 ppbv

RT: 5.25

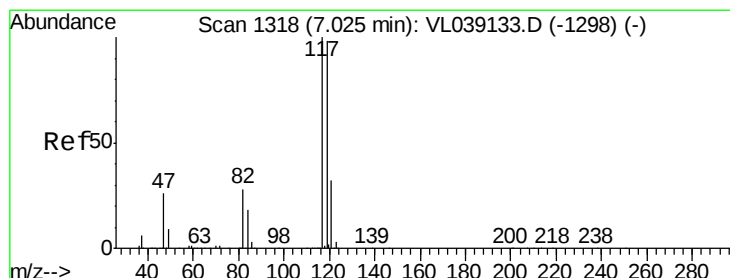
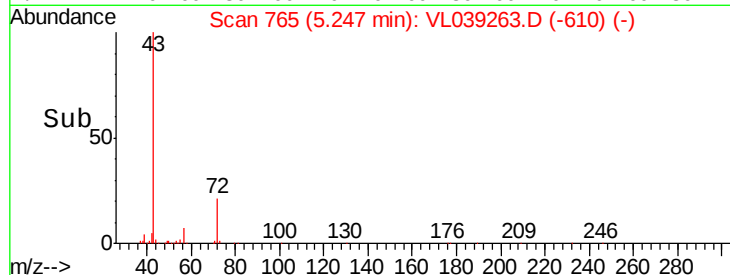
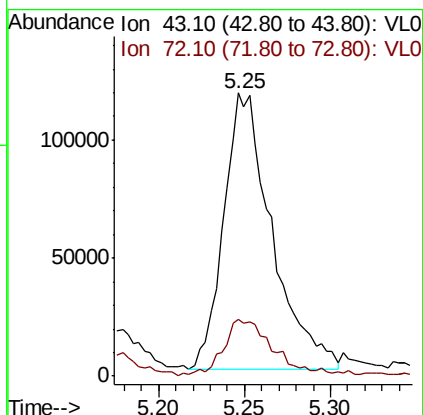
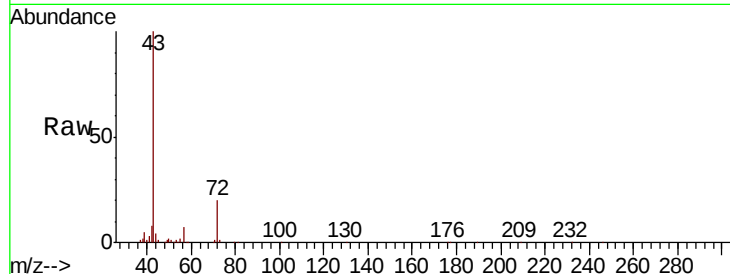
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 22:37

Tot Ion: 43 Resp: 227662

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.2	27.2



#35

Carbon Tetrachloride

Concen: 0.034 ppbv

RT: 7.02 min Scan# 1317

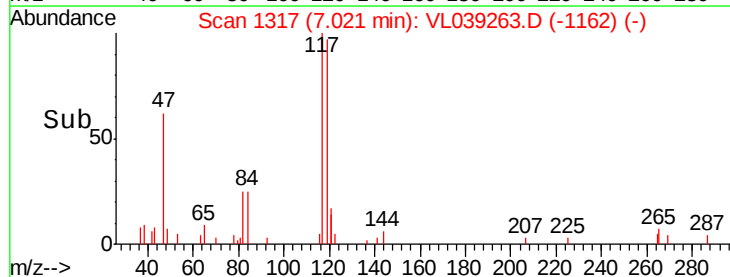
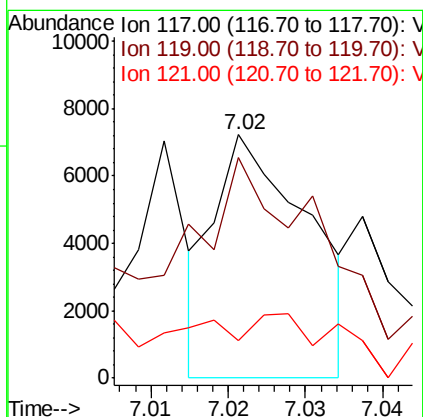
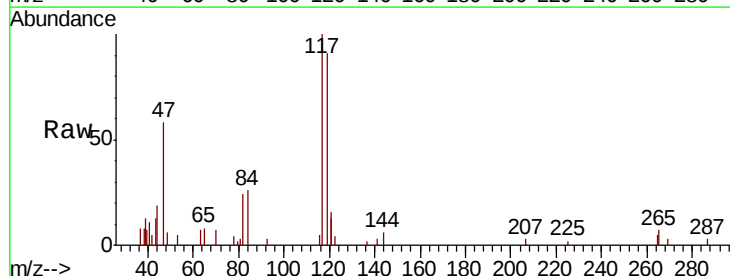
Delta R.T. -0.00 min

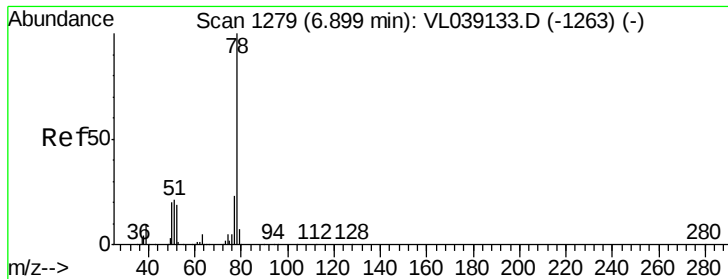
Lab File: VL039263.D

Acq: 13 Jun 2022 22:37

Tgt Ion: 117 Resp: 6098

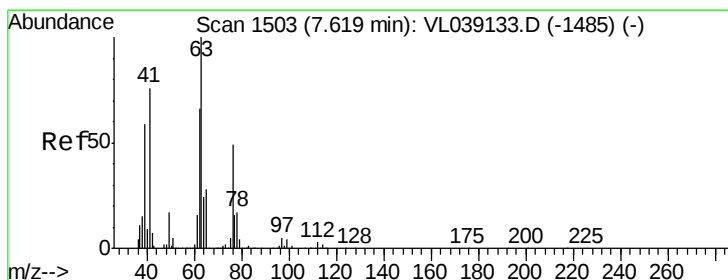
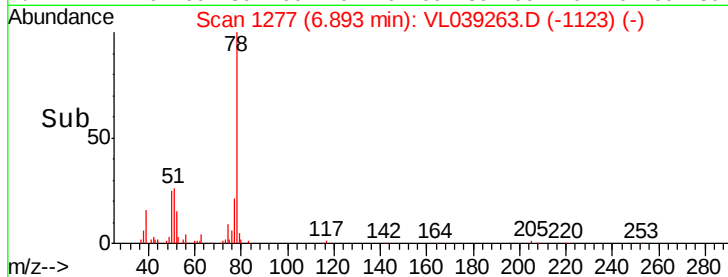
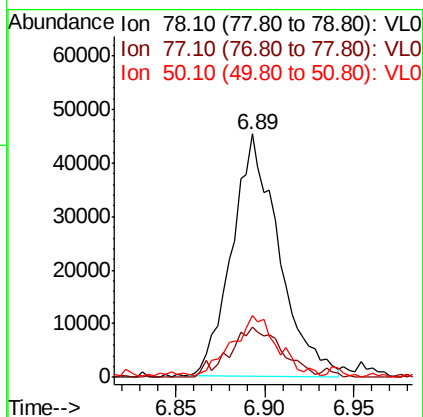
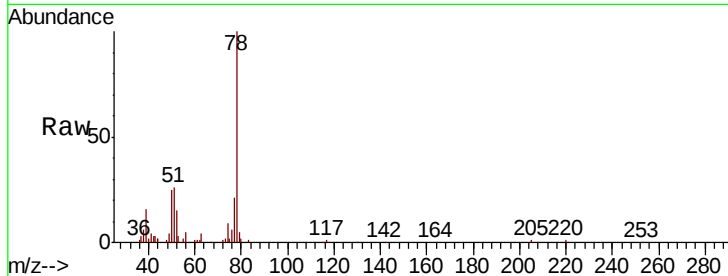
Ion	Ratio	Lower	Upper
117	100		
119	90.6	78.6	118.0
121	0.0	25.4	38.0#





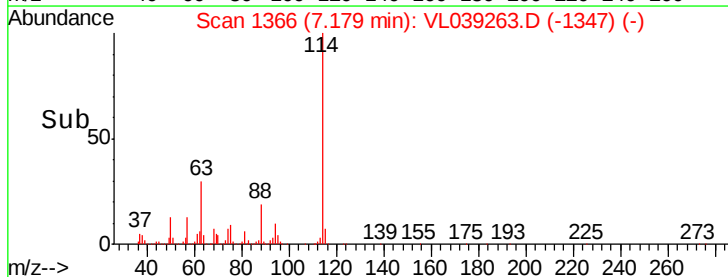
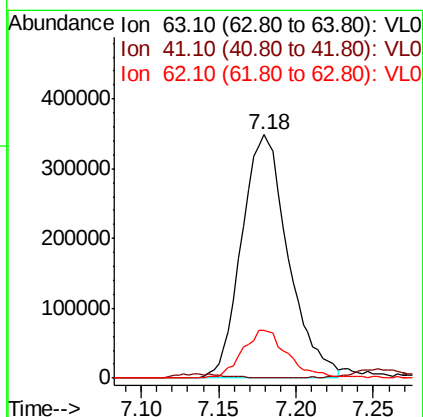
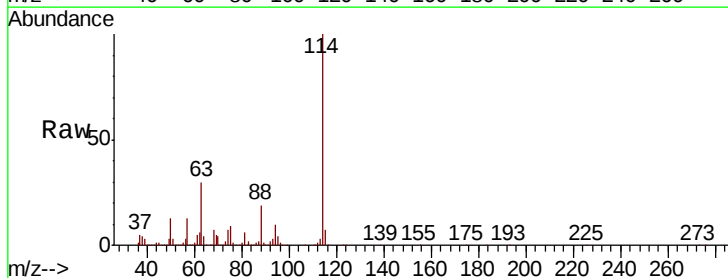
#36
Benzene
Concen: 0.410 ppbv
RT: 6.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

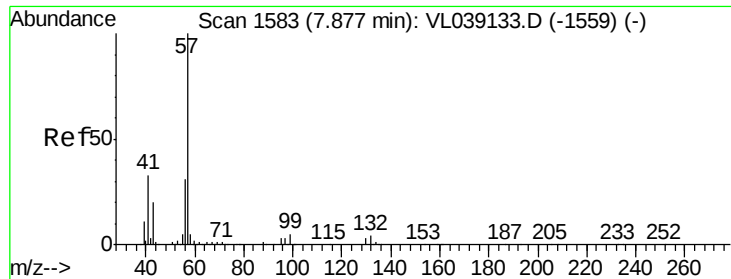
Tot Ion	78	Resp	82641
Ion Ratio	Lower	Upper	
78	100		
77	20.7	18.6	27.8
50	23.0	15.8	23.8



#39
1,2-Dichloropropane
Concen: 9.117 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.44 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

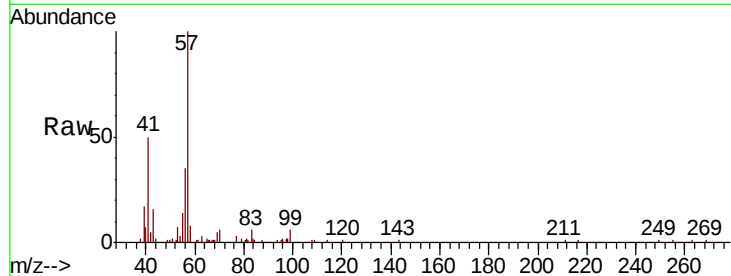
Tgt Ion	63	Resp	730608
Ion Ratio	Lower	Upper	
63	100		
41	0.0	60.8	91.2#
62	19.5	52.9	79.3#



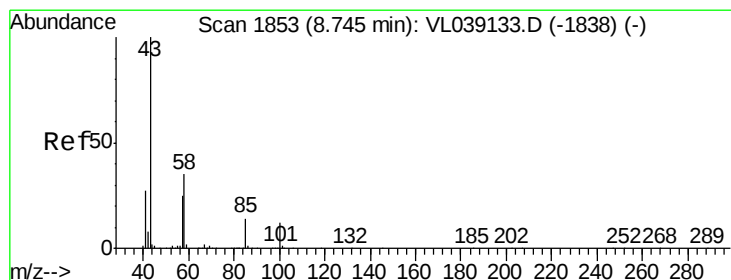
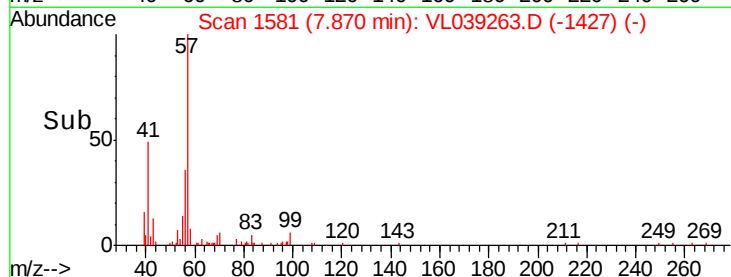
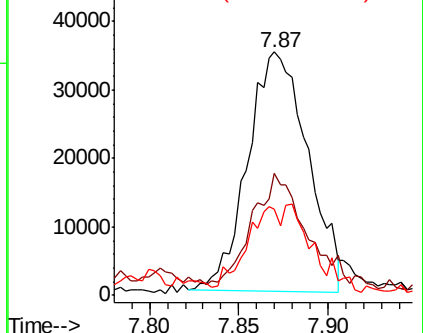


#44
 2,2,4-Trimethylpentane
 Concen: 0.234 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

Tot Ion	57	Resp	82568
Ion Ratio	Lower	Upper	
57	100		
41	52.8	26.2	39.4#
56	45.3	24.7	37.1#

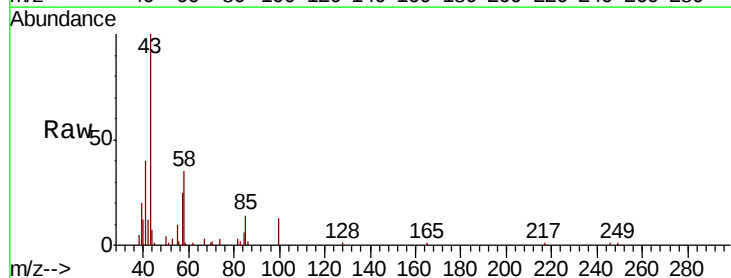


Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0

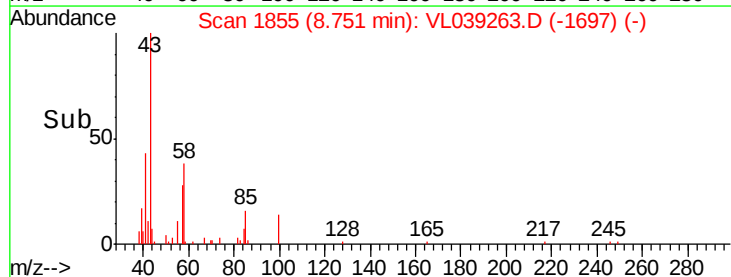
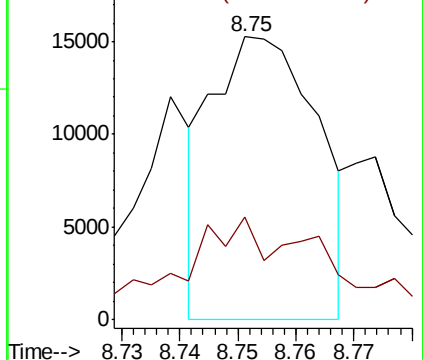


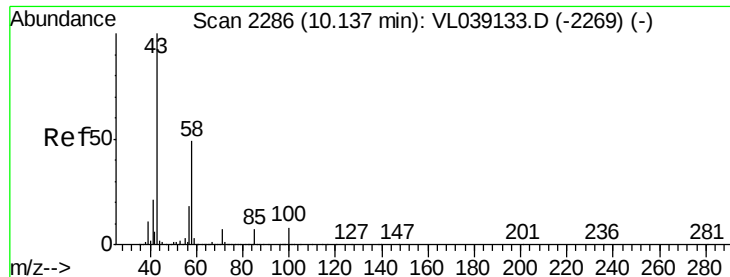
#50
 4-Methyl-2-Pentanone
 Concen: 0.096 ppbv
 RT: 8.75 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

Tgt Ion	43	Resp	19382
Ion Ratio	Lower	Upper	
43	100		
58	62.7	28.7	43.1#



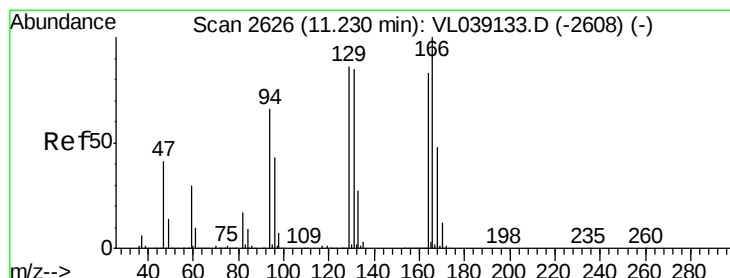
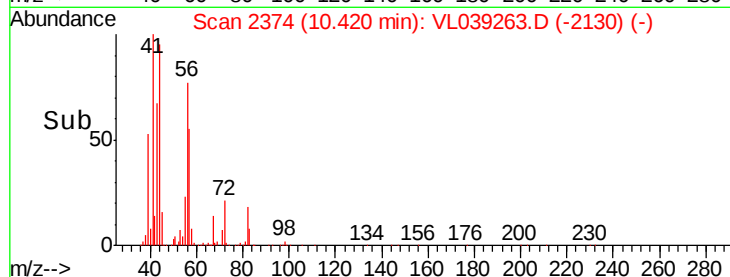
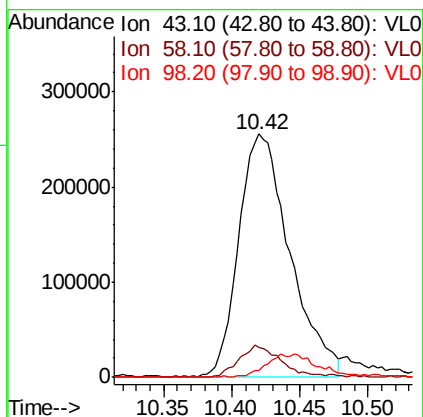
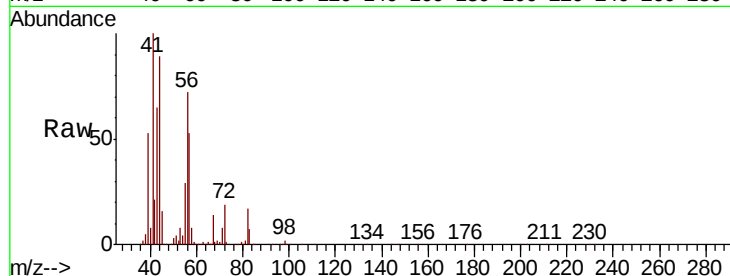
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0





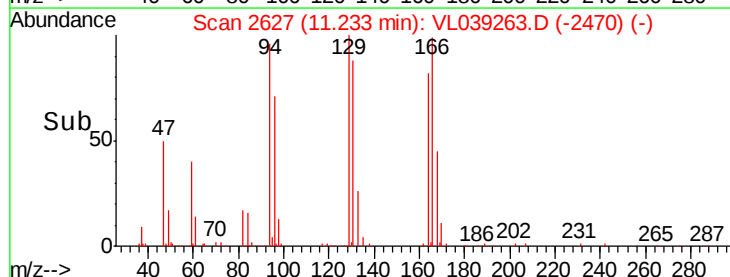
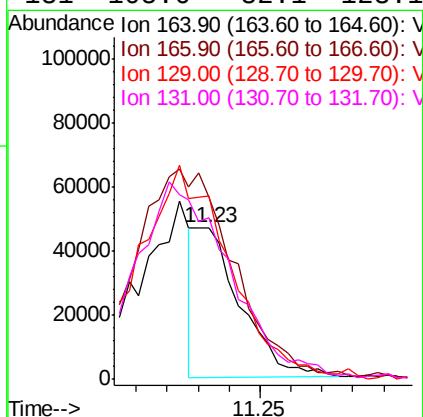
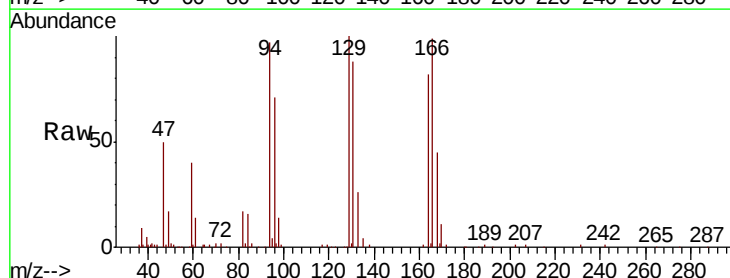
#51
 2-Hexanone
 Concen: 4.221 ppbv
 RT: 10.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

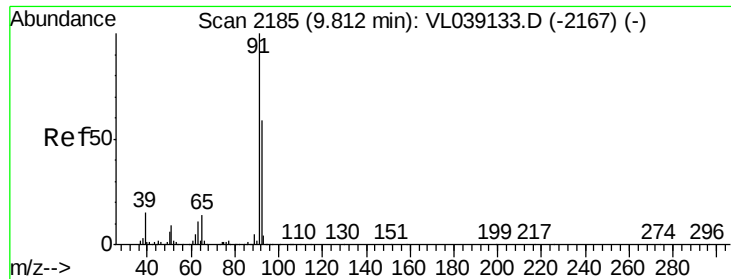
Tot Ion	Ratio	Lower	Upper
43	100		
58	11.4	40.0	60.0#
98	10.8	0.1	0.1#



#52
 Tetrachloroethene
 Concen: 0.606 ppbv
 RT: 11.23 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.5	96.3	144.5
129	120.0	82.5	123.7
131	105.6	82.1	123.1





#53

Toluene

Concen: 1.434 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

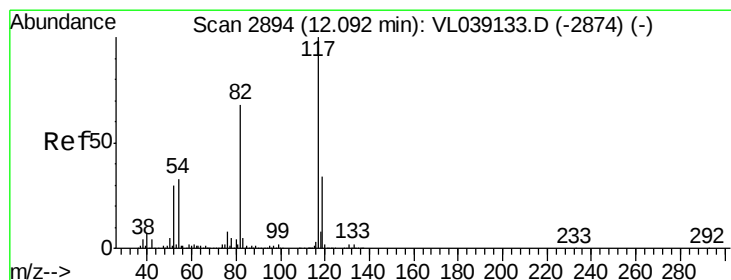
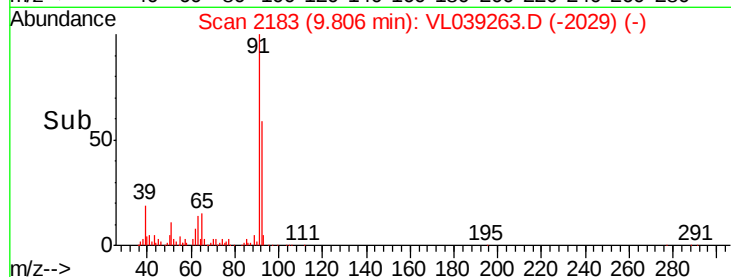
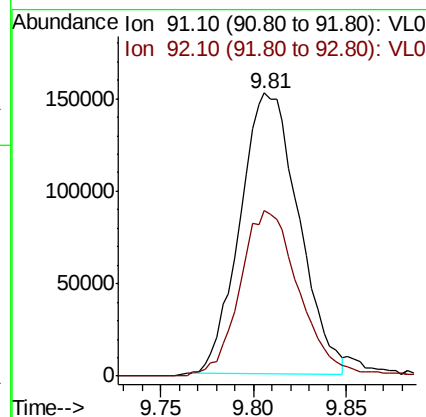
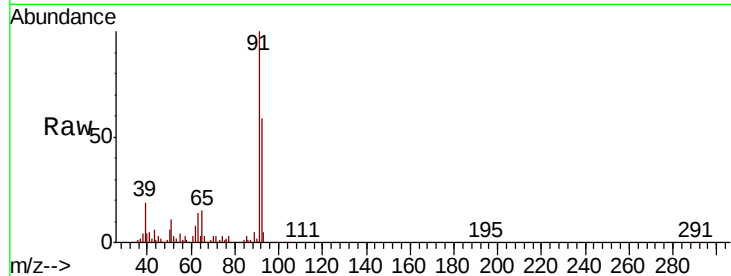
Acq: 13 Jun 2022 22:37

Tot Ion: 91 Resp: 332629

Ion Ratio Lower Upper

91 100

92 60.7 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL039263.D

Acq: 13 Jun 2022 22:37

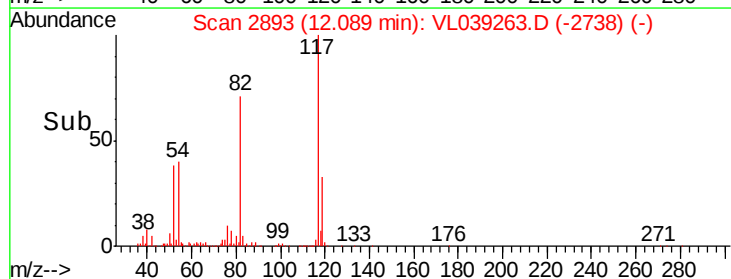
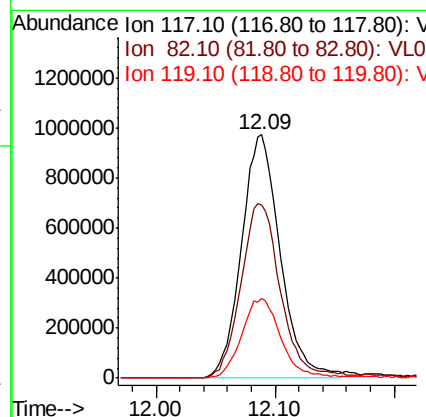
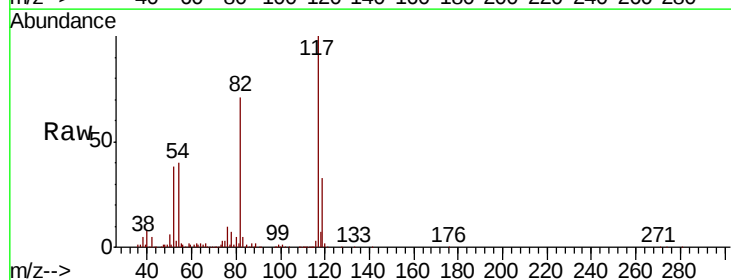
Tgt Ion: 117 Resp: 2196440

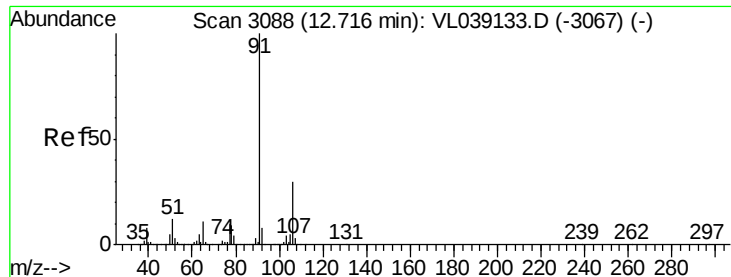
Ion Ratio Lower Upper

117 100

82 74.9 55.1 82.7

119 33.8 24.7 37.1





#58

Ethyl Benzene

Concen: 0.177 ppbv

RT: 12.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

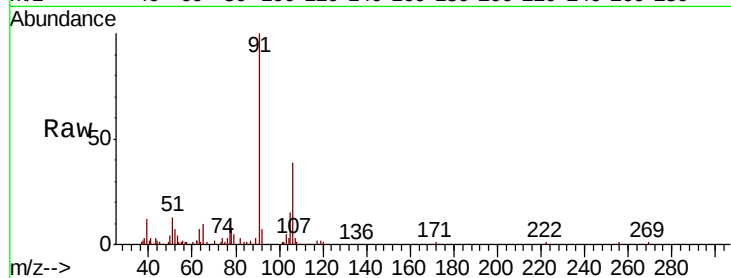
Acq: 13 Jun 2022 22:37

Tot Ion: 91 Resp: 53541

Ion Ratio Lower Upper

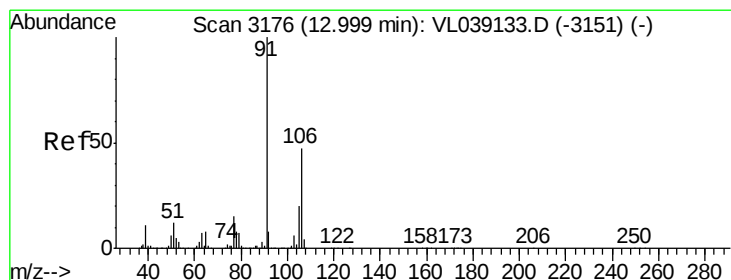
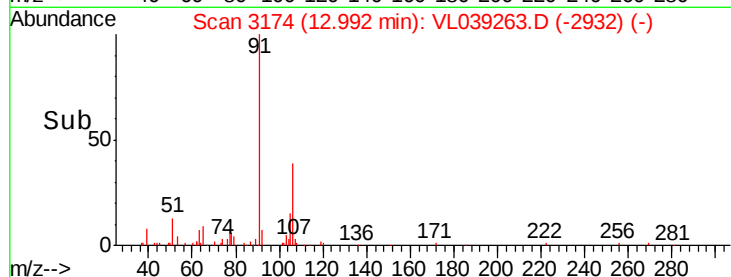
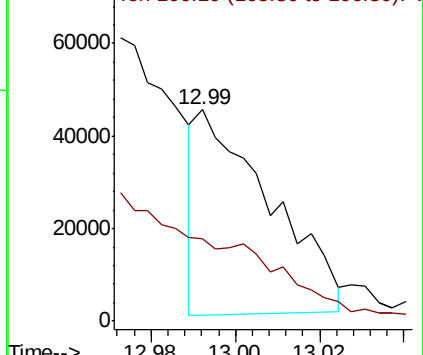
91 100

106 35.9 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.201 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL039263.D

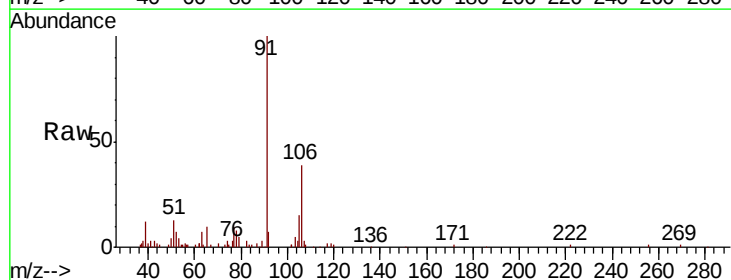
Acq: 13 Jun 2022 22:37

Tgt Ion: 91 Resp: 53541

Ion Ratio Lower Upper

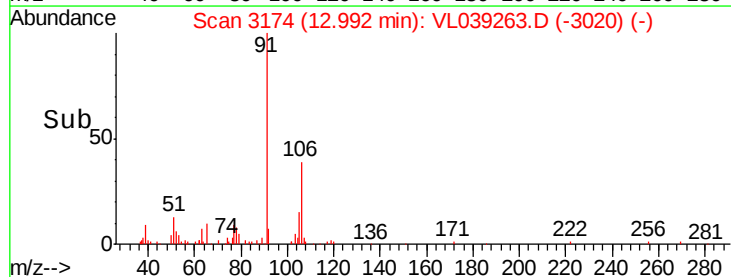
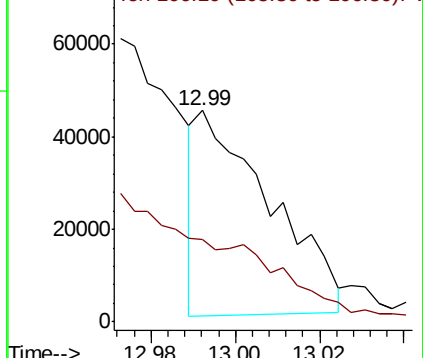
91 100

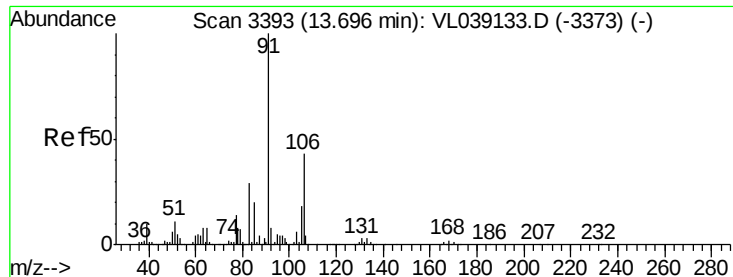
106 0.0 34.3 51.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

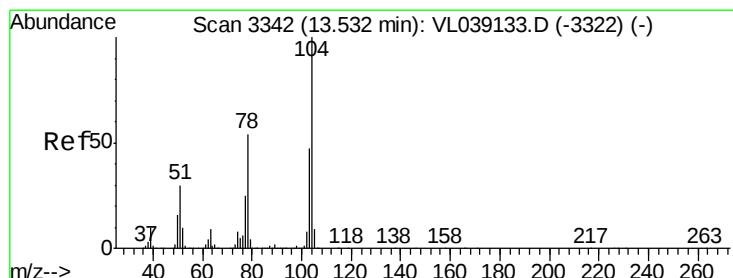
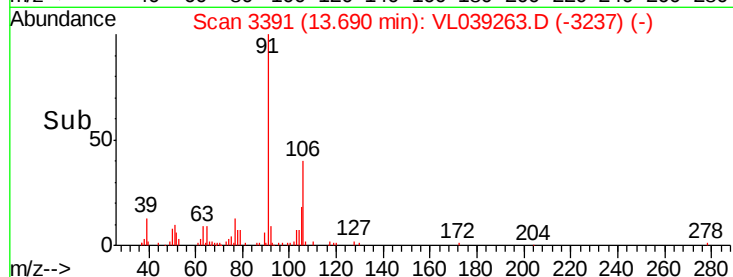
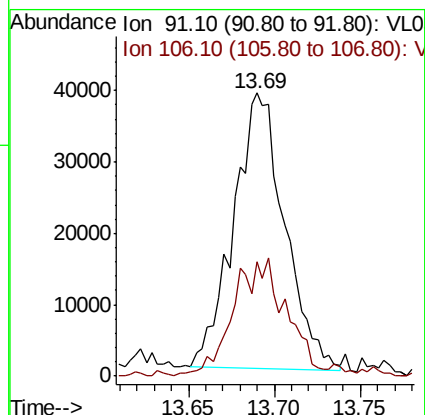
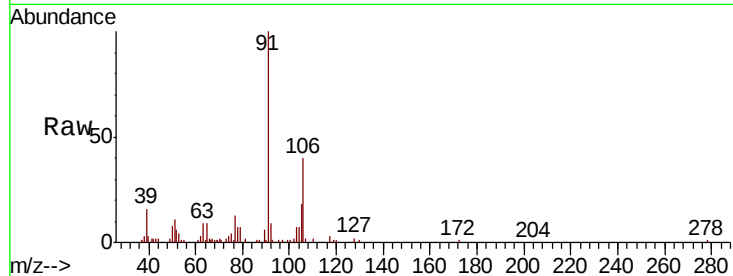
Ion 106.10 (105.80 to 106.80): V





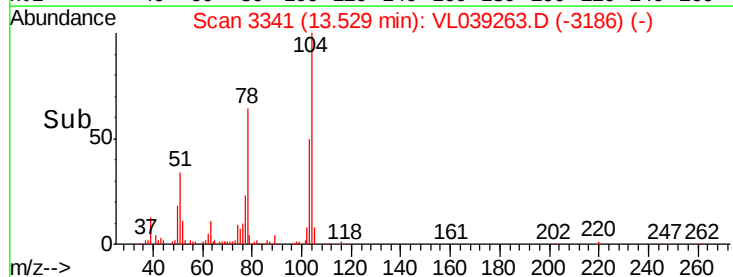
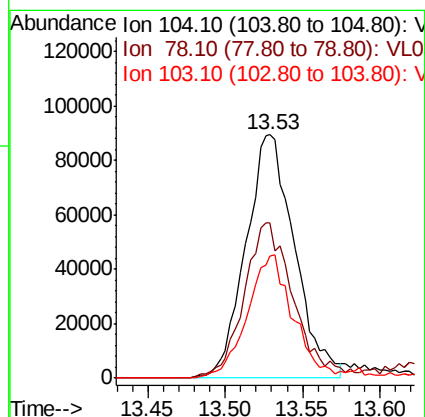
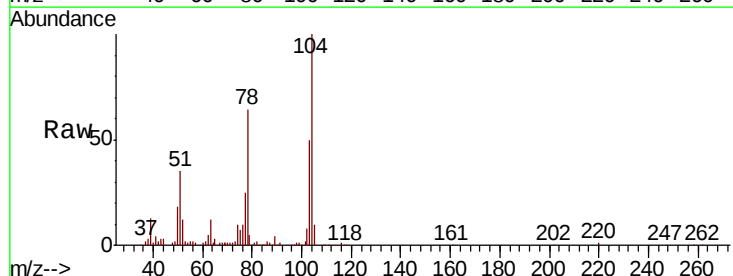
#60
o-Xylene
Concen: 0.318 ppbv
RT: 13.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

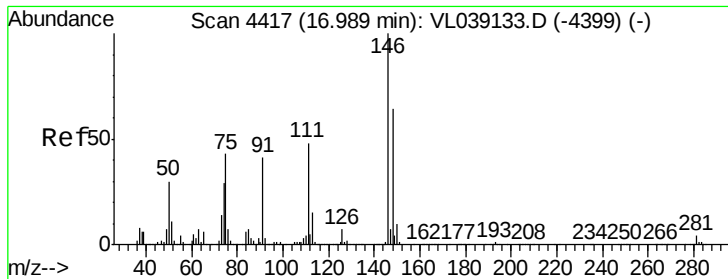
Tot Ion: 91 Resp: 79729
Ion Ratio Lower Upper
91 100
106 47.6 22.3 66.9



#61
Styrene
Concen: 1.461 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

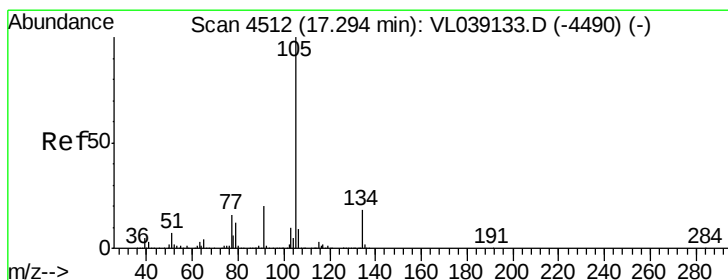
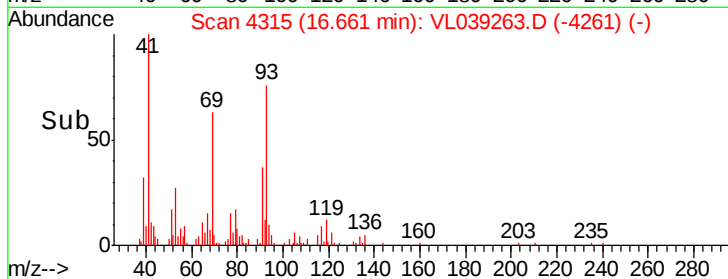
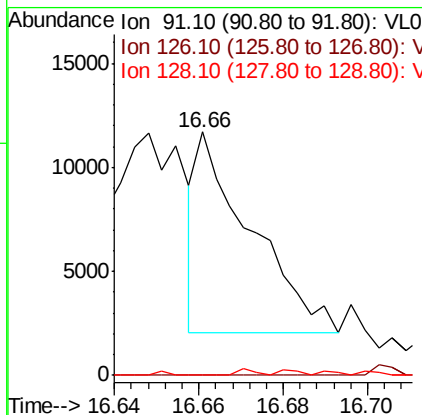
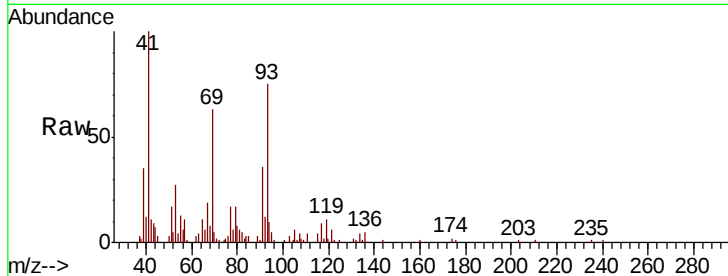
Tgt Ion: 104 Resp: 195812
Ion Ratio Lower Upper
104 100
78 65.0 45.7 68.5
103 50.4 39.6 59.4





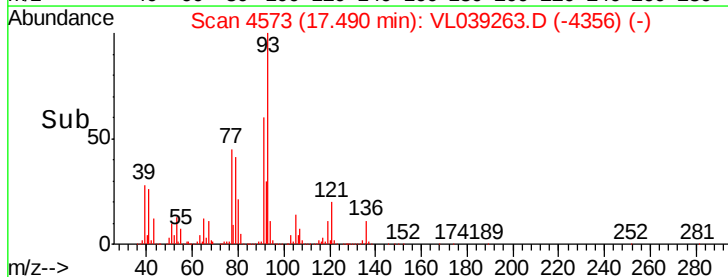
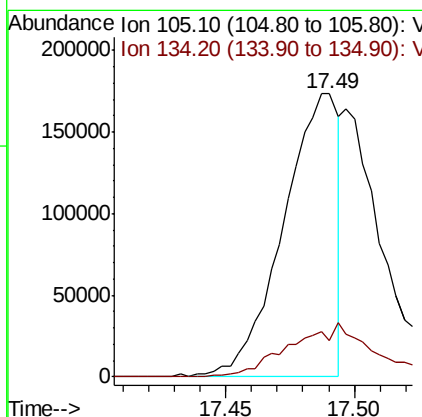
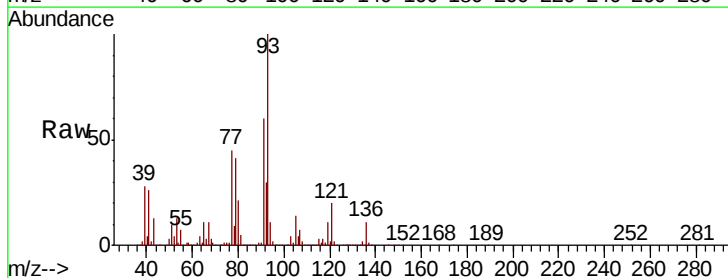
#66
Benzyl Chloride
Concen: 0.193 ppbv
RT: 16.66 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 22:37

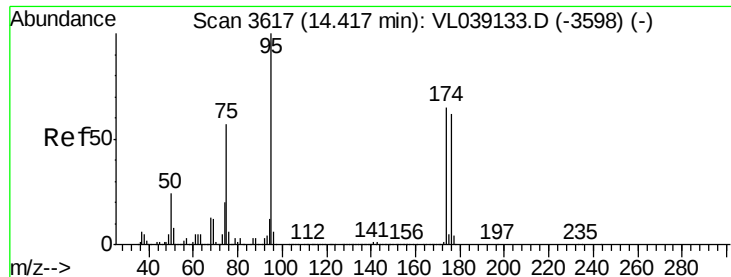
Tot Ion	Ratio	Lower	Upper
91	100		
126	2.5	13.4	20.0#
128	0.0	4.1	6.1#



#67
sec-Butylbenzene
Concen: 0.553 ppbv
RT: 17.49 min Scan# 4573
Delta R.T. 0.20 min
Lab File: VL039263.D
Acq: 13 Jun 2022 22:37

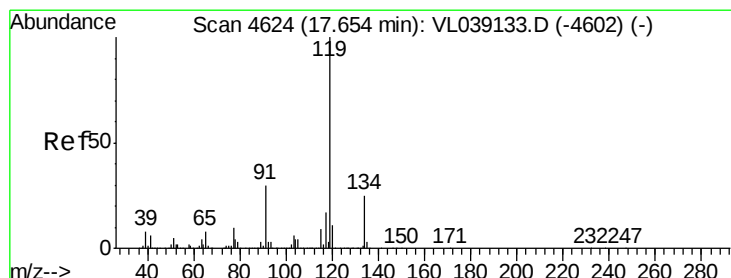
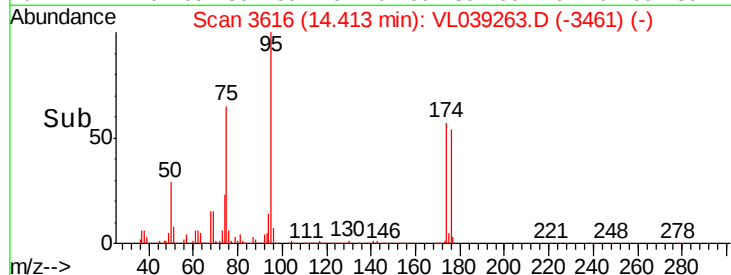
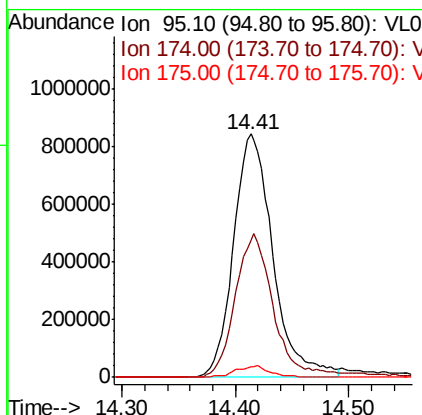
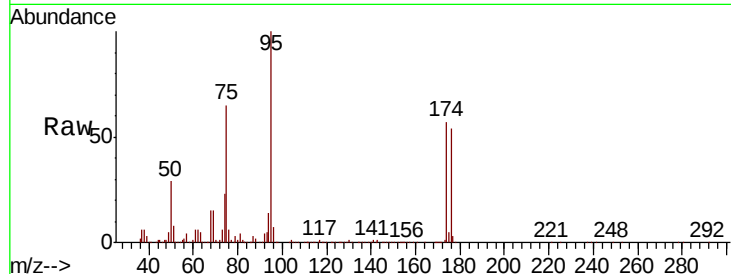
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.4	21.6#





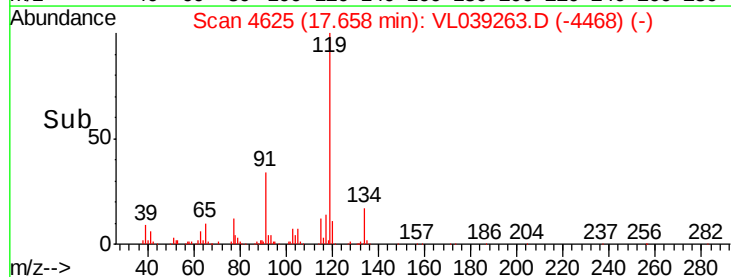
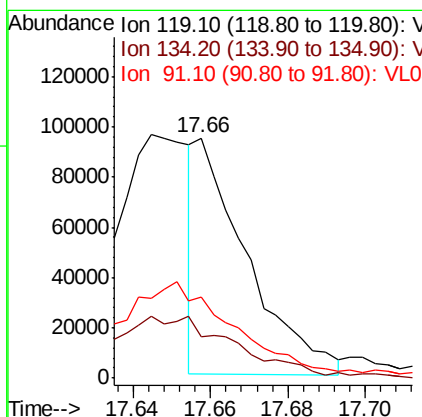
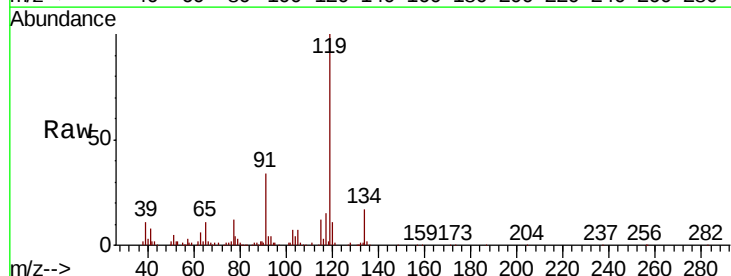
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.242 ppbv
 RT: 14.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

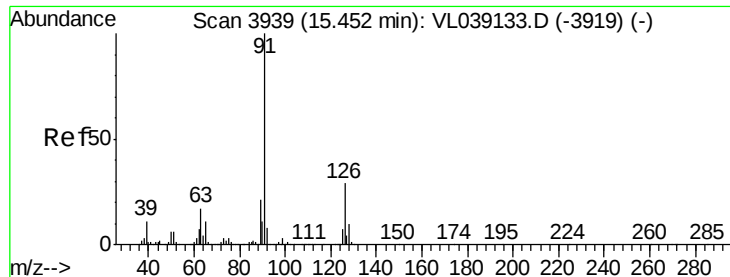
Tot Ion: 95 Resp: 2041481
 Ion Ratio Lower Upper
 95 100
 174 59.8 53.8 80.8
 175 4.5 4.1 6.1



#69
 p-Isopropyltoluene
 Concen: 0.219 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. 0.00 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

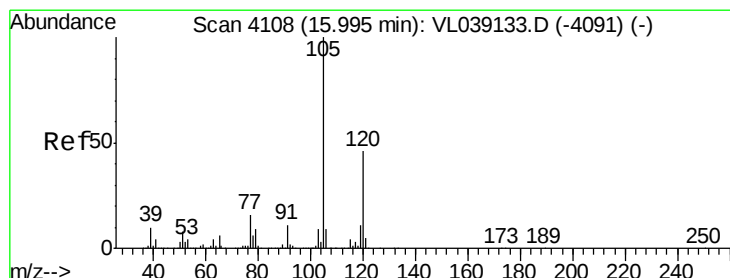
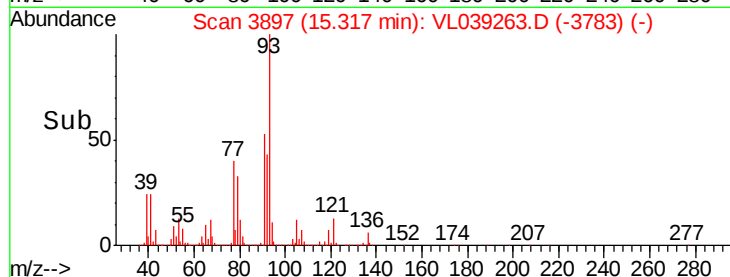
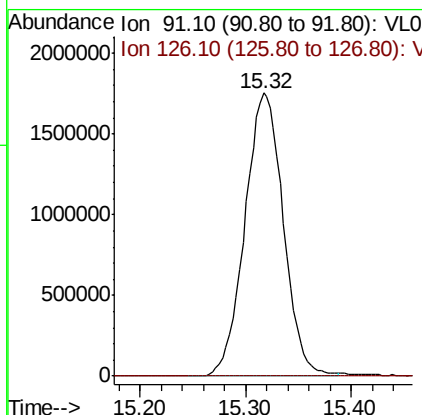
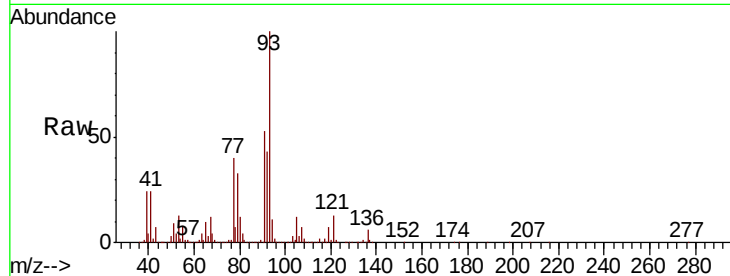
Tgt Ion: 119 Resp: 85767
 Ion Ratio Lower Upper
 119 100
 134 69.5 20.4 30.6#
 91 104.2 24.2 36.4#





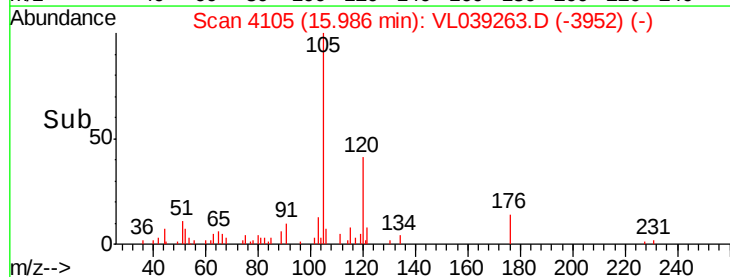
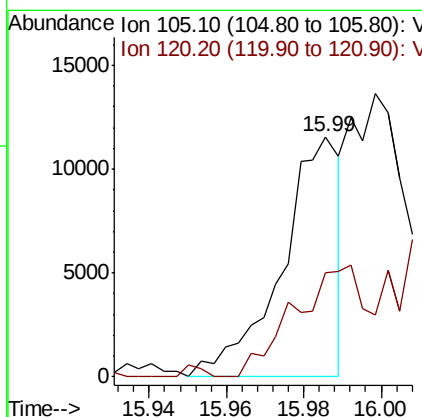
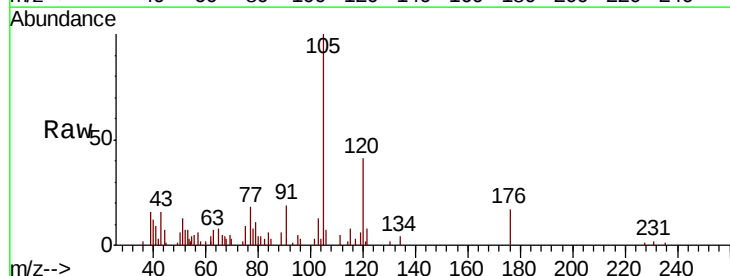
#71
 2-Chlorotoluene
 Concen: 15.627 ppbv
 RT: 15.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 13 Jun 2022 22:37

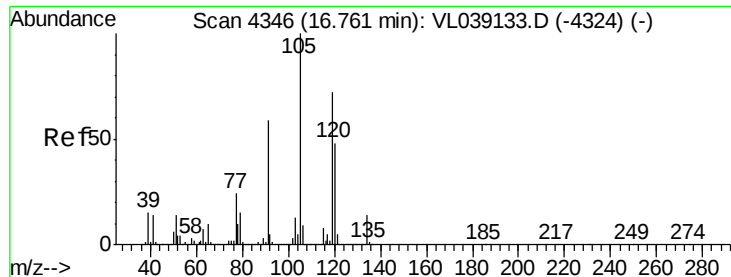
Tot Ion: 91 Resp: 4434244
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.2 48.6#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.046 ppbv
 RT: 15.99 min Scan# 4105
 Delta R.T. -0.01 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

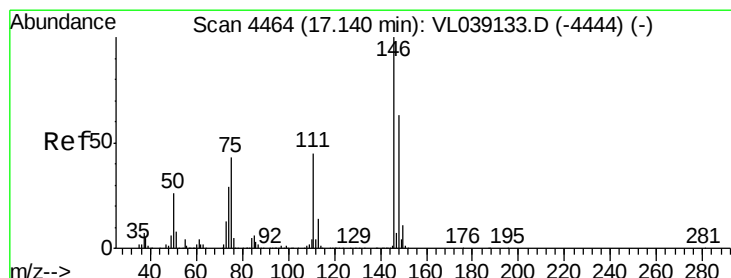
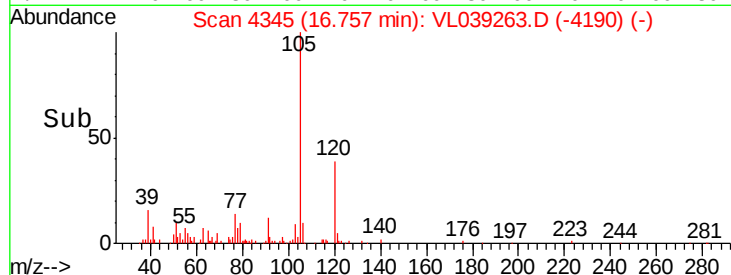
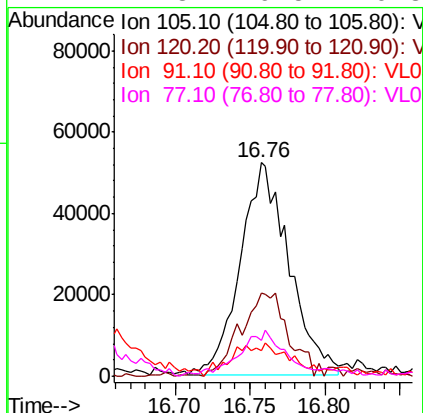
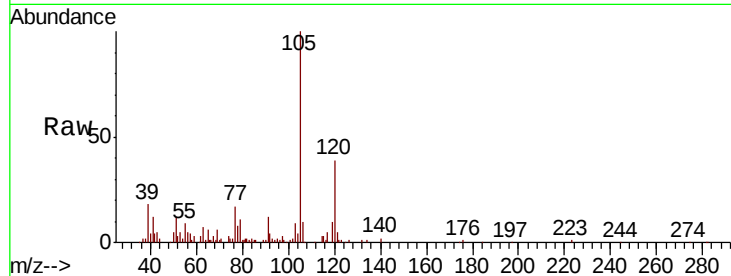
Tgt Ion:105 Resp: 12106
 Ion Ratio Lower Upper
 105 100
 120 38.2 36.7 55.1





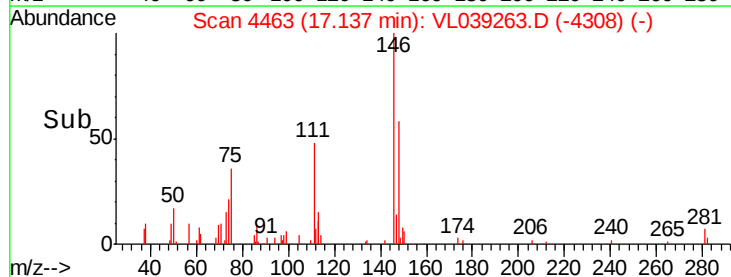
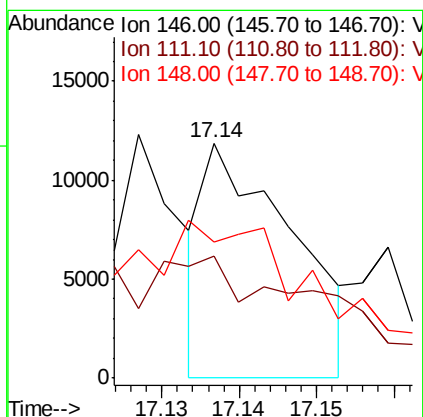
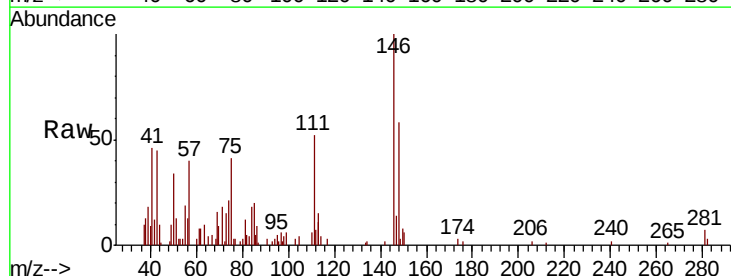
#74
 1,2,4-Trimethylbenzene
 Concen: 0.399 ppbv
 RT: 16.76
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 22:37

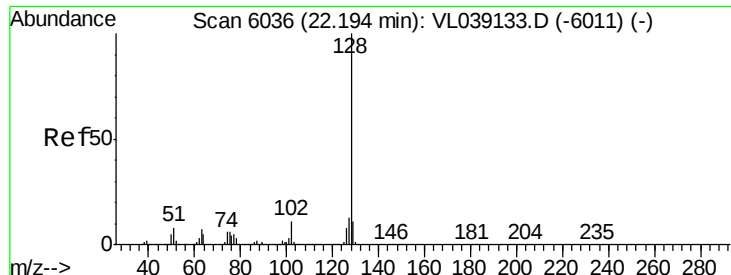
Tot Ion:	105	Resp:	117974
Ion	Ratio	Lower	Upper
105	100		
120	38.8	38.1	57.1
91	7.8	47.4	71.0#
77	14.8	19.5	29.3#



#76
 1,4-Dichlorobenzene
 Concen: 0.057 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: VL039263.D
 Acq: 13 Jun 2022 22:37

Tgt Ion:	146	Resp:	9456
Ion	Ratio	Lower	Upper
146	100		
111	163.5	23.6	71.0#
148	189.4	33.7	101.0#





#79

Naphthalene

Concen: 0.049 ppbv

RT: 22.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 22:57

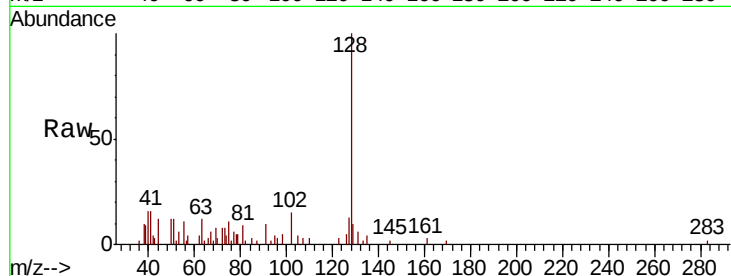
Tot Ion:128 Resp: 11181

Ion Ratio Lower Upper

128 100

127 7.2 10.4 15.6#

129 8.2 9.0 13.6#



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

