

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039196.D
 Acq On : 6 Jun 2022 22:40
 Operator : SY/AP
 Sample : N3110-01 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 07 03:19:13 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	5.66	49	1131618	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3106516	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2761960	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2195179	9.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	29147	0.147	ppbv 96
3) Chlorodifluoromethane	2.99	51	37312	0.259	ppbv # 87
4) Chloromethane	3.14	50	3726	0.050	ppbv 98
9) Propene	3.02	41	6735	0.107	ppbv # 1
10) Heptane	8.11	43	10576	0.072	ppbv # 26
11) Trichlorofluoromethane	3.95	101	46537	0.259	ppbv 99
13) Ethanol	3.59	45	235377	68.745	ppbv # 100
15) Acetone	3.84	43	575617	4.883	ppbv 96
16) 1,3-Butadiene	3.30	39	63418	1.001	ppbv # 13
17) tert-Butyl alcohol	4.29	59	9025	0.099	ppbv # 70
19) Isopropyl Alcohol	4.00	45	7949	0.144	ppbv # 93
20) Methylene Chloride	4.34	84	712454	14.342	ppbv 94
23) Vinyl Acetate	5.06	43	10195	0.105	ppbv # 71
25) Ethyl Acetate	5.68	43	982864	3.699	ppbv # 77
26) Hexane	5.68	57	1393031	11.931	ppbv # 39
27) Carbon Disulfide	4.55	76	45766	0.378	ppbv # 84
29) Chloroform	5.74	83	193290	0.984	ppbv 99
30) Cyclohexane	7.11	84	3637	0.037	ppbv # 1
34) 2-Butanone	5.24	43	31688	0.188	ppbv # 26
35) Carbon Tetrachloride	7.01	117	327648	1.445	ppbv 95
39) 1,2-Dichloropropane	7.22	63	9027	0.090	ppbv # 23
41) Tetrahydrofuran	5.72	42	5954	0.059	ppbv # 50
44) 2,2,4-Trimethylpentane	7.87	57	25309	0.057	ppbv # 60
51) 2-Hexanone	10.10	43	14468	0.074	ppbv # 28
52) Tetrachloroethene	11.21	164	138289	1.404	ppbv 95
53) Toluene	9.79	91	425293	1.464	ppbv 97
58) Ethyl Benzene	12.70	91	351578	0.924	ppbv 97
59) m/p-Xylene	12.98	91	333867	0.997	ppbv # 33
60) o-Xylene	13.68	91	518812	1.648	ppbv 98
61) Styrene	13.51	104	12237	0.073	ppbv # 25
62) Isopropylbenzene	14.65	105	19966	0.043	ppbv # 50
64) n-propylbenzene	15.54	120	14689	0.128	ppbv # 1
65) tert-Butylbenzene	16.75	119	44214	0.103	ppbv # 1
66) Benzyl Chloride	17.18	91	5622	0.101	ppbv # 83
69) p-Isopropyltoluene	17.64	119	44177	0.090	ppbv # 58
70) n-Butylbenzene	18.54	91	100149	0.198	ppbv # 48
72) 4-Ethyltoluene	15.82	105	192300	0.521	ppbv # 75
73) 1,3,5-Trimethylbenzene	15.99	105	247139	0.743	ppbv 88
74) 1,2,4-Trimethylbenzene	16.74	105	969465	2.610	ppbv # 61
79) Naphthalene	22.20	128	15133	0.053	ppbv 95

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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

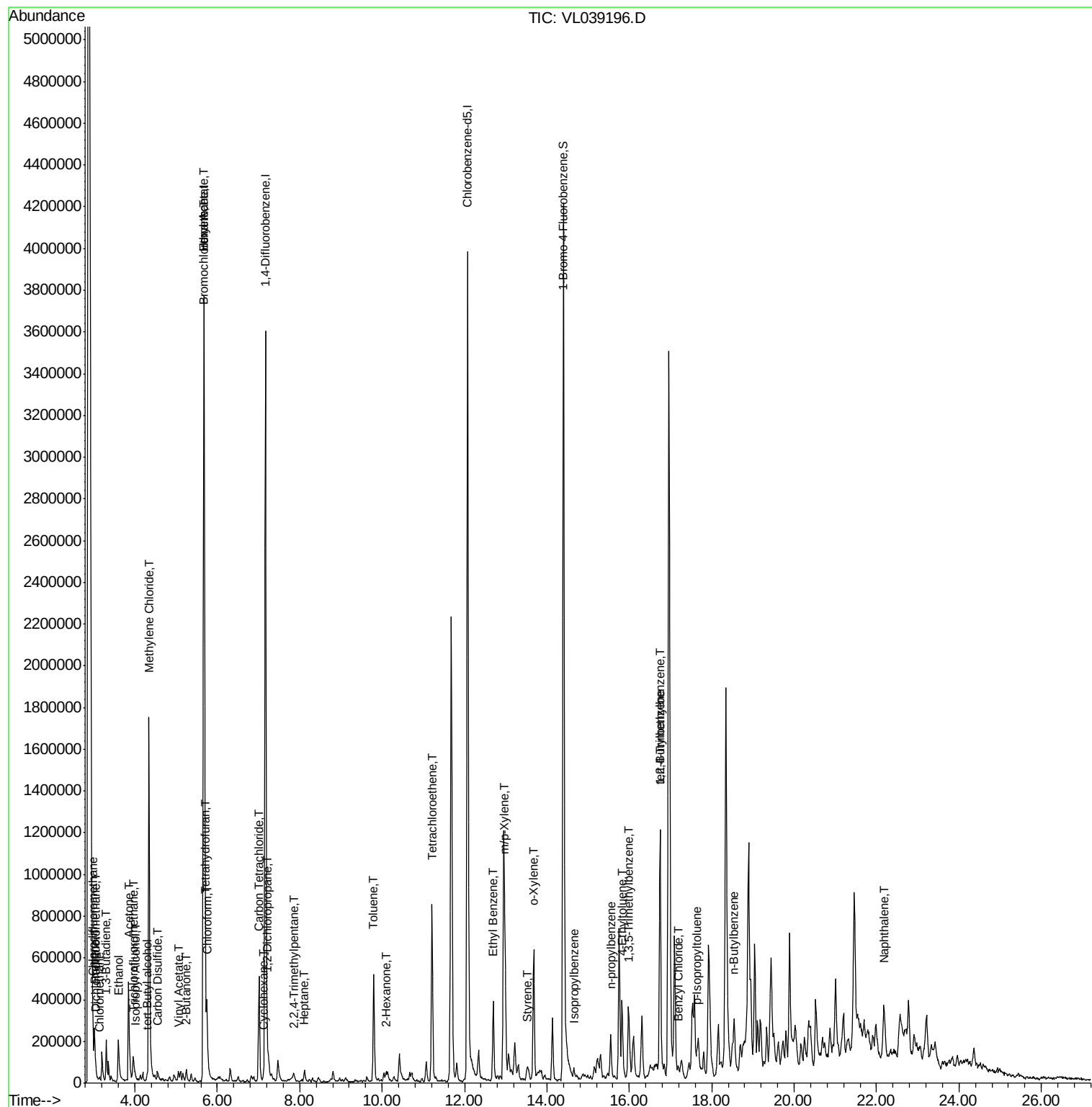
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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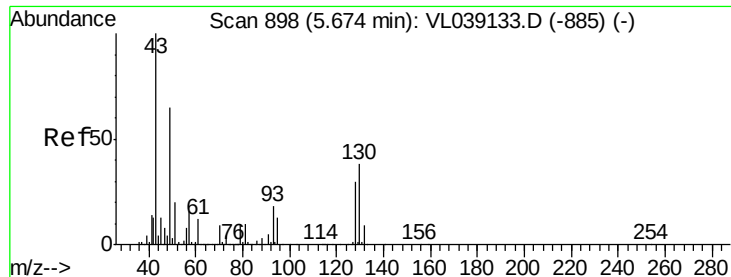
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 22:40

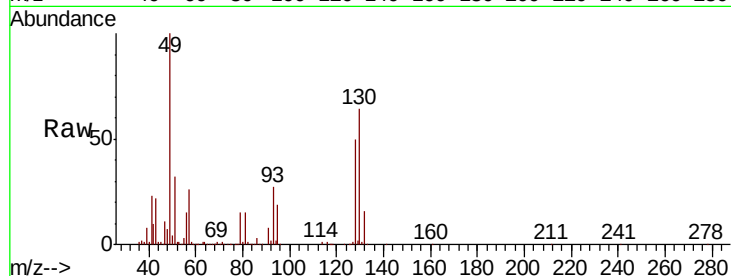
Tot Ion: 49 Resp: 1131618

Ion Ratio Lower Upper

49 100

128 52.9 24.7 74.1

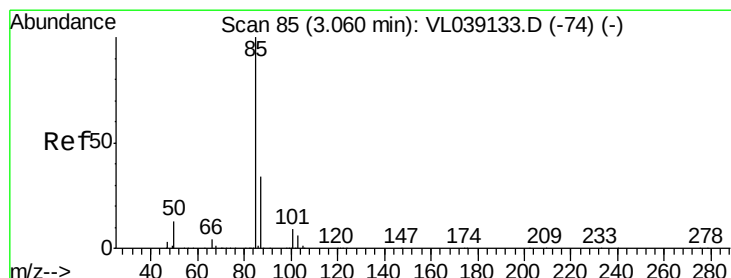
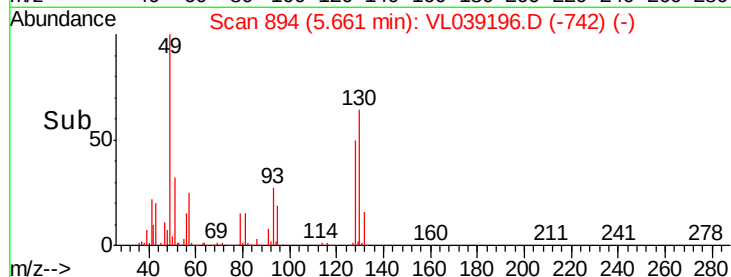
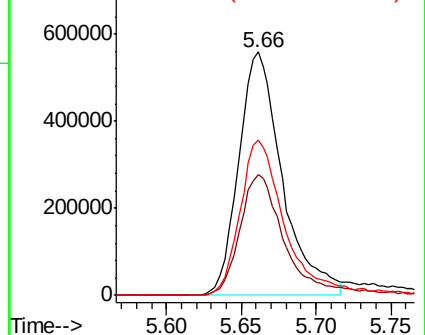
130 68.7 31.4 94.0



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: 0.147 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL039196.D

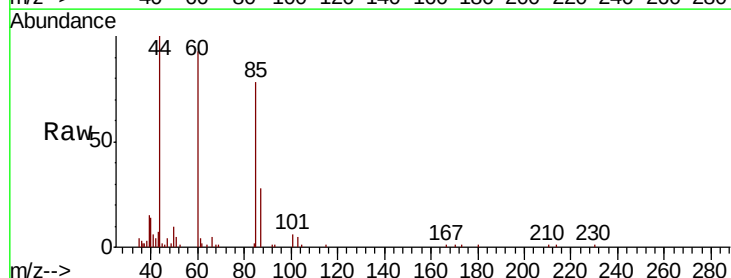
Acq: 6 Jun 2022 22:40

Tgt Ion: 85 Resp: 29147

Ion Ratio Lower Upper

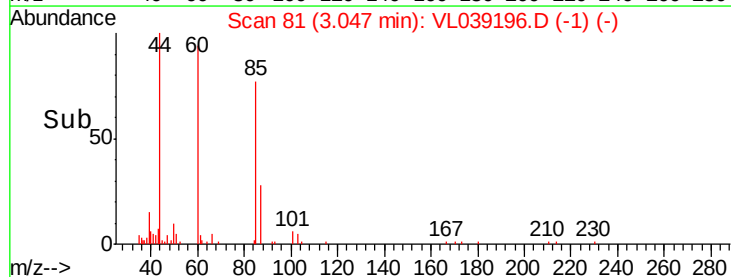
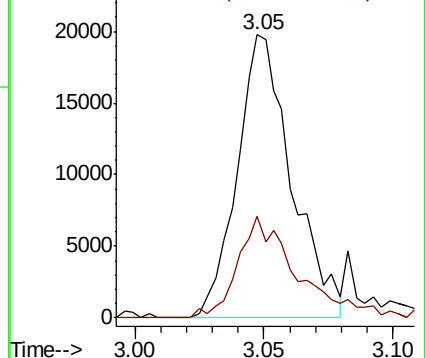
85 100

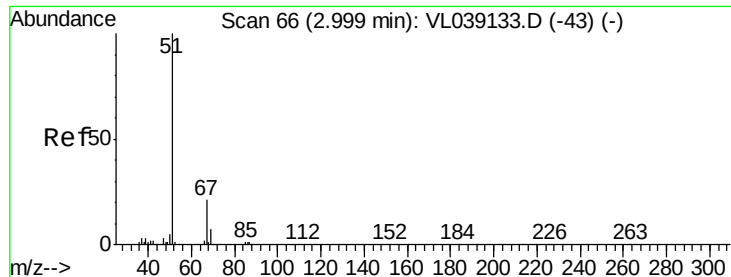
87 35.7 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.259 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

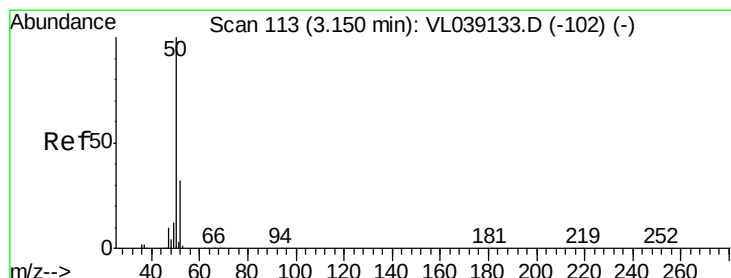
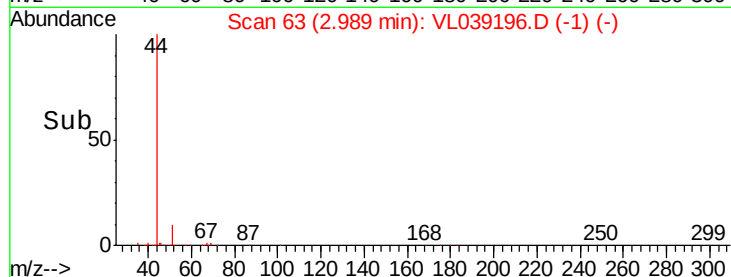
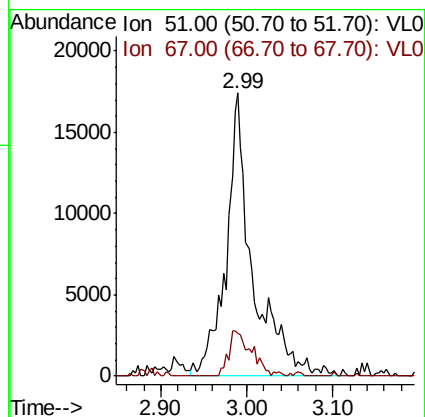
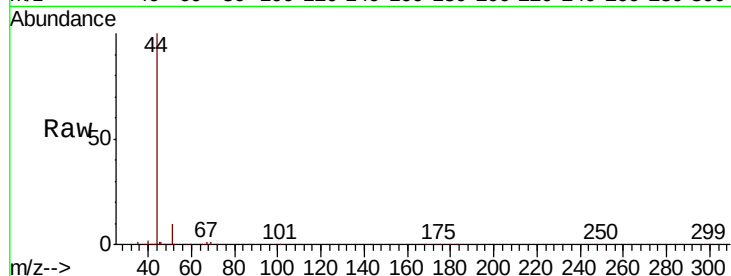
Acq: 6 Jun 2022 22:40

Tot Ion: 51 Resp: 37312

Ion Ratio Lower Upper

51 100

67 14.4 16.2 24.4#



#4

Chloromethane

Concen: 0.050 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039196.D

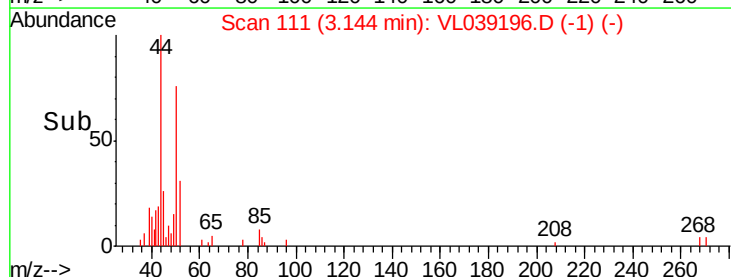
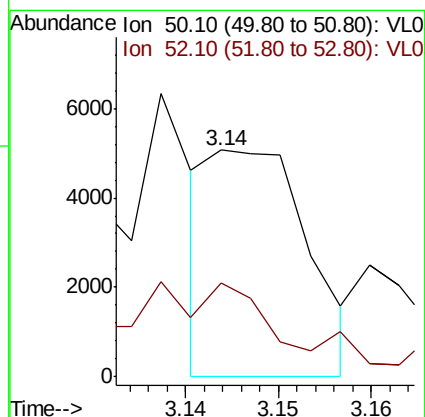
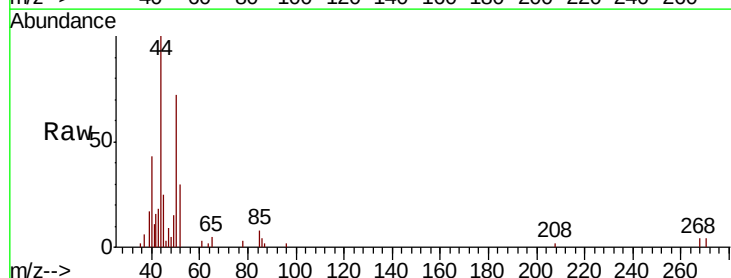
Acq: 6 Jun 2022 22:40

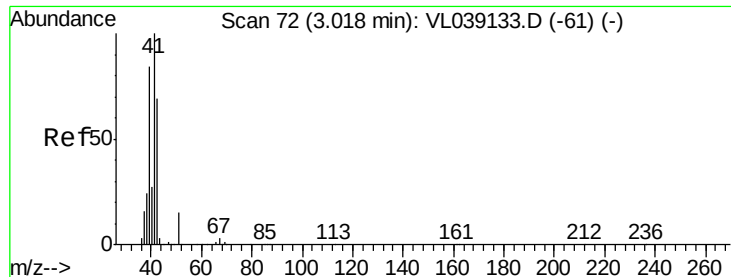
Tgt Ion: 50 Resp: 3726

Ion Ratio Lower Upper

50 100

52 31.4 25.9 38.9





#9

Propene

Concen: 0.107 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

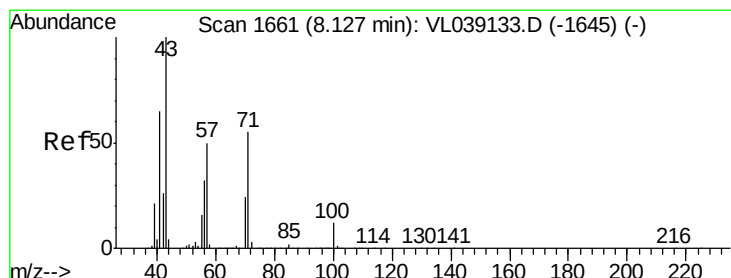
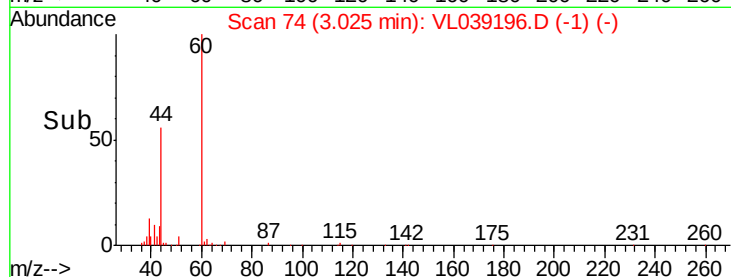
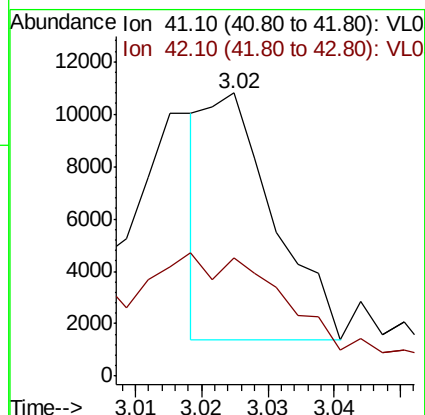
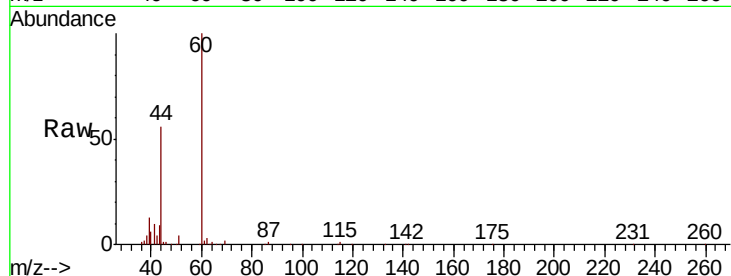
Acq: 6 Jun 2022 22:40

Tot Ion: 41 Resp: 6735

Ion Ratio Lower Upper

41 100

42 151.9 55.4 83.2#



#10

Heptane

Concen: 0.072 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL039196.D

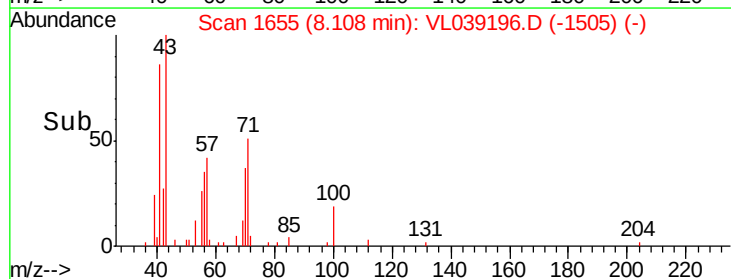
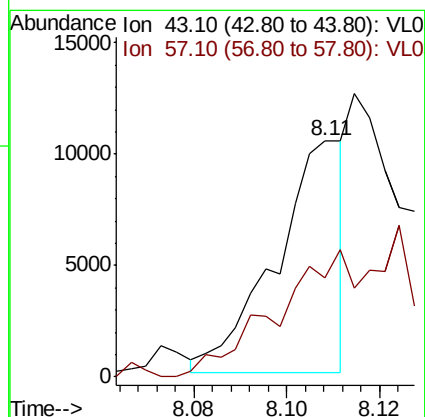
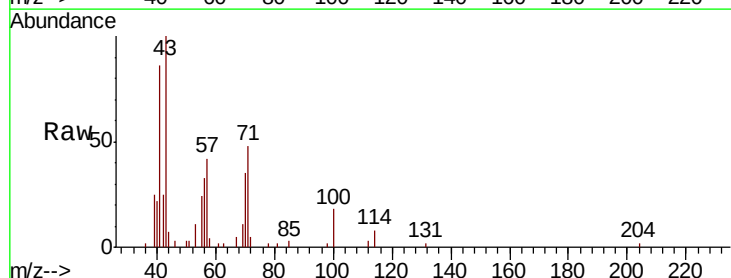
Acq: 6 Jun 2022 22:40

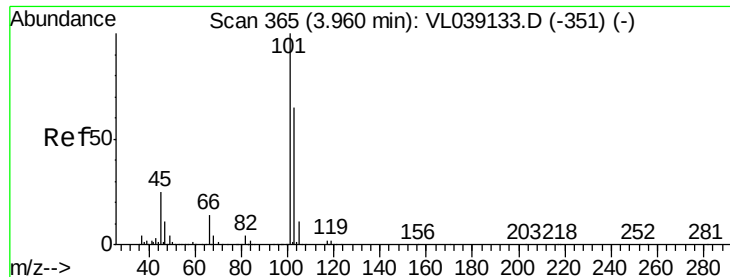
Tgt Ion: 43 Resp: 10576

Ion Ratio Lower Upper

43 100

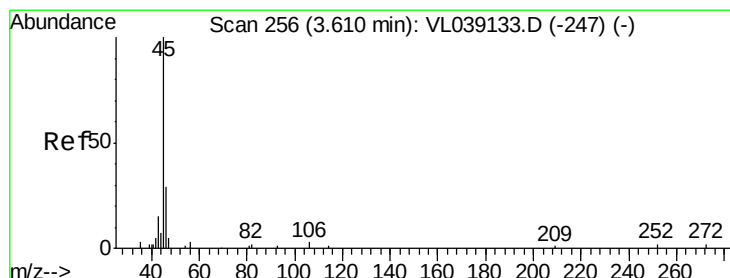
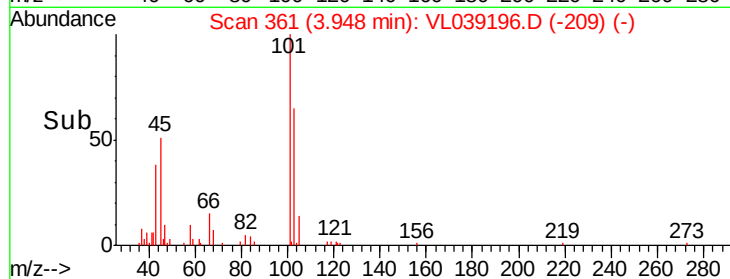
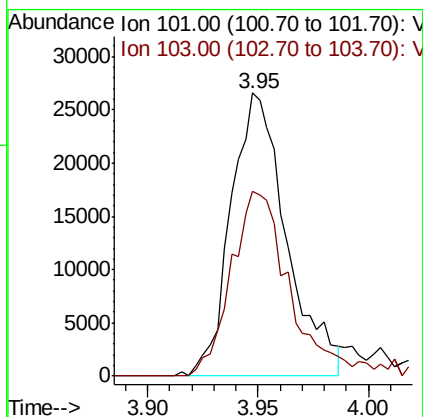
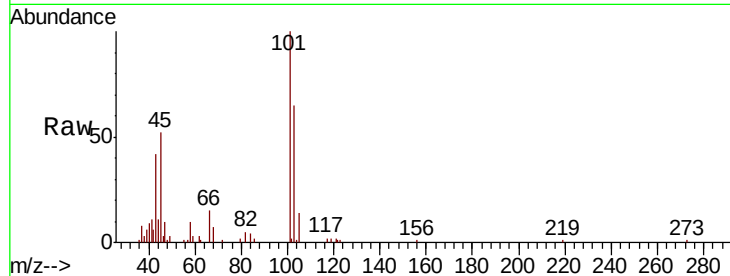
57 0.0 41.4 62.2#





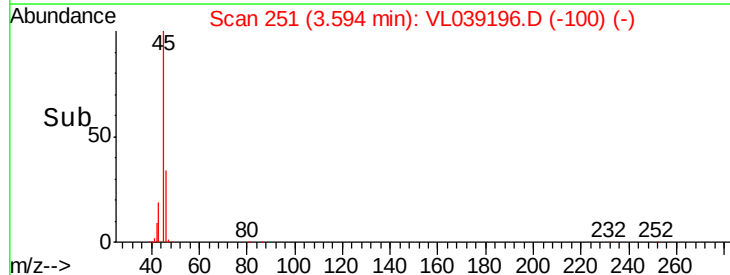
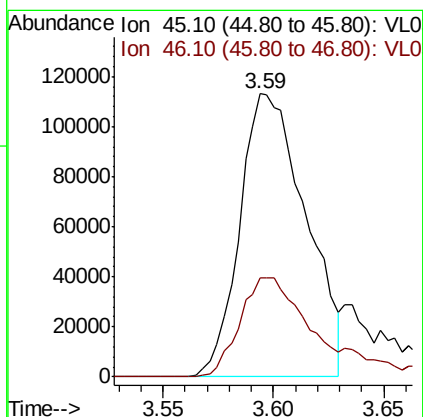
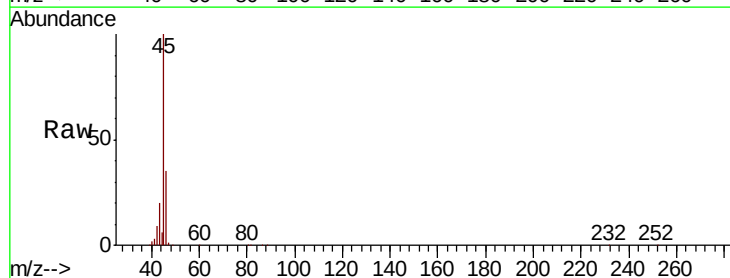
#11
 Trichlorofluoromethane
 Concen: 0.259 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 22:40

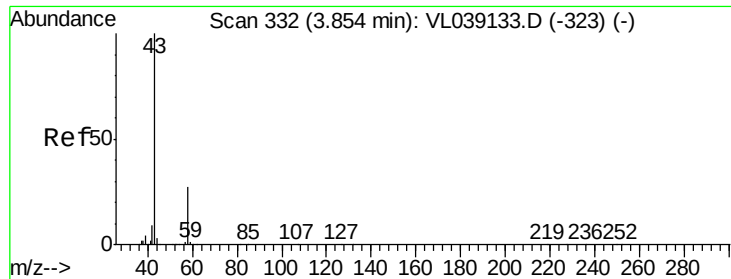
Tot Ion: 101 Resp: 46537
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5



#13
 Ethanol
 Concen: 68.745 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.02 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

Tgt Ion: 45 Resp: 235377
 Ion Ratio Lower Upper
 45 100
 46 44.4 0.0 0.0#





#15

Acetone

Concen: 4.883 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

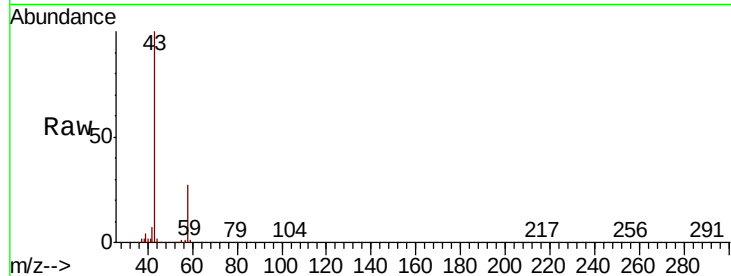
Acq: 6 Jun 2022 22:40

Tot Ion: 43 Resp: 575617

Ion Ratio Lower Upper

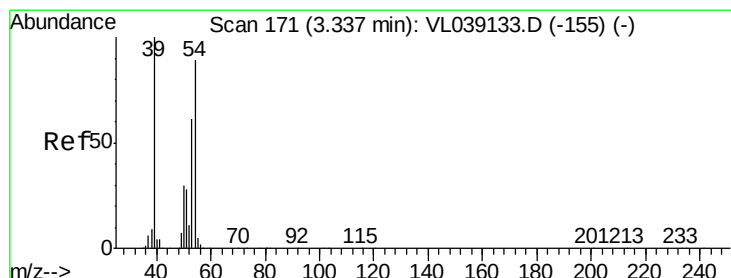
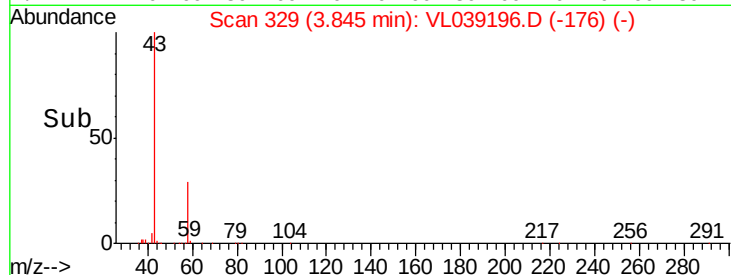
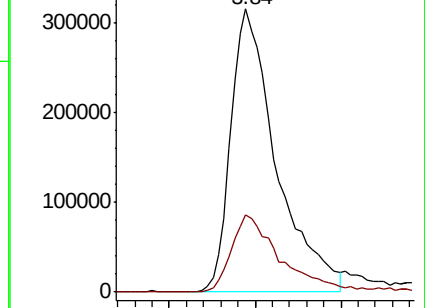
43 100

58 30.5 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 1.001 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL039196.D

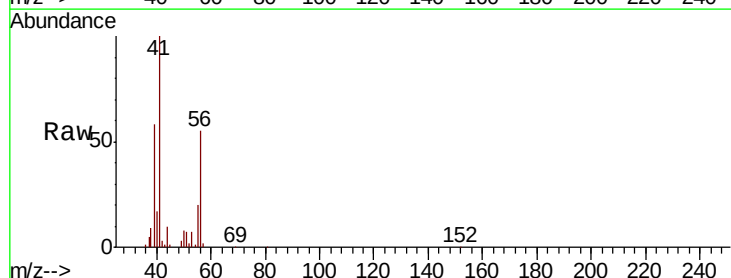
Acq: 6 Jun 2022 22:40

Tgt Ion: 39 Resp: 63418

Ion Ratio Lower Upper

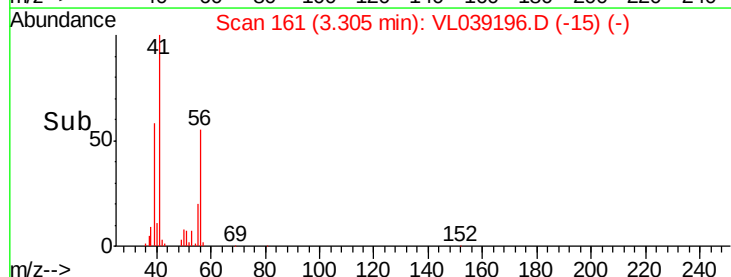
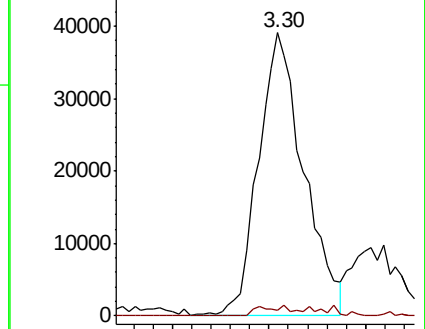
39 100

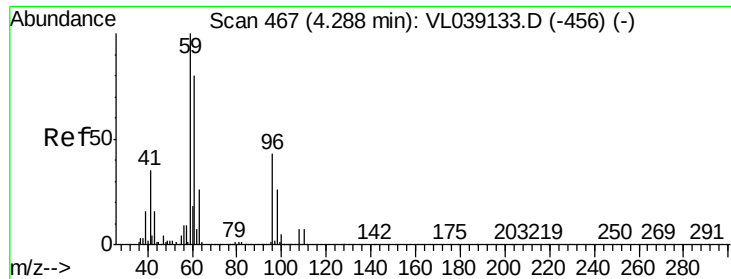
54 4.4 65.8 98.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

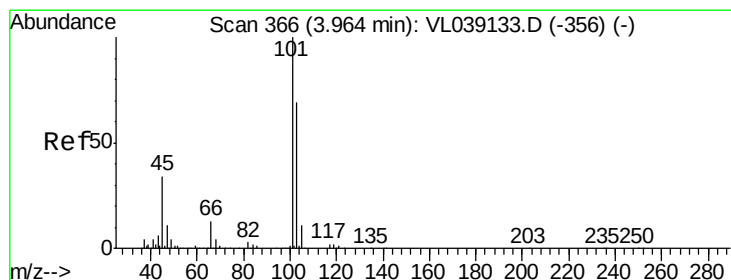
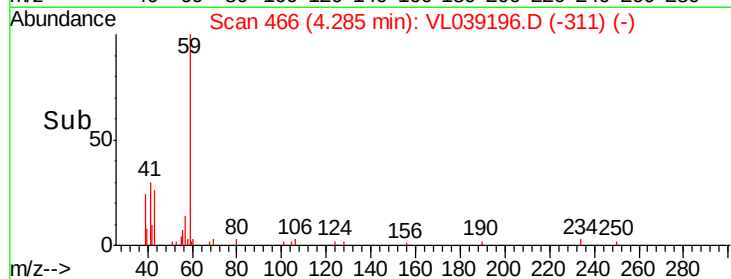
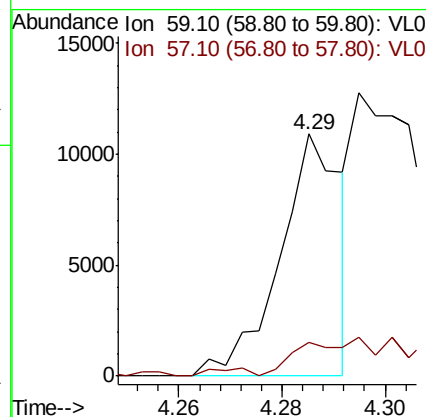
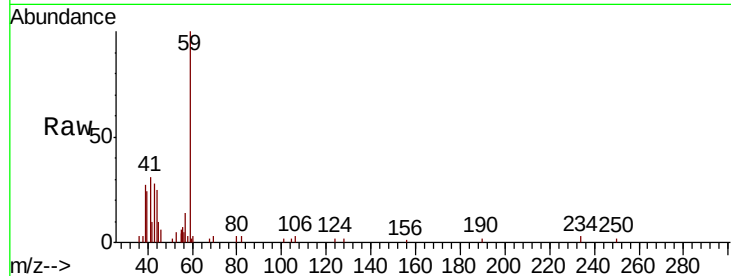
Ion 54.10 (53.80 to 54.80): VL0





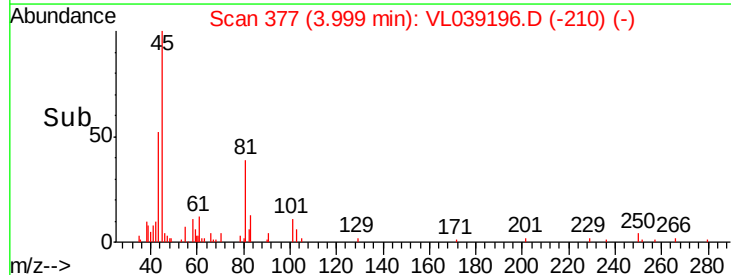
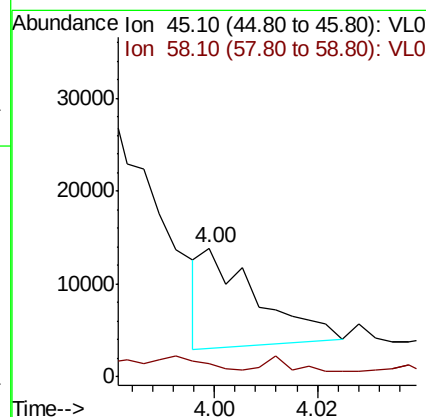
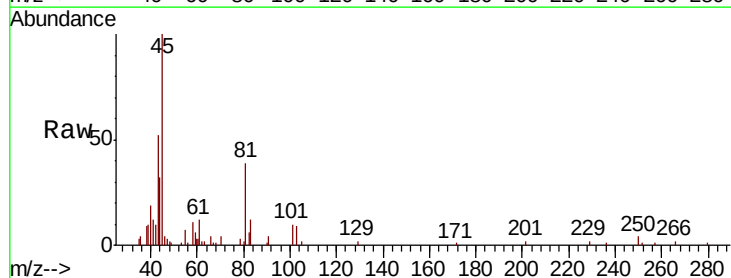
#17
 tert-Butyl alcohol
 Concen: 0.099 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 22:40

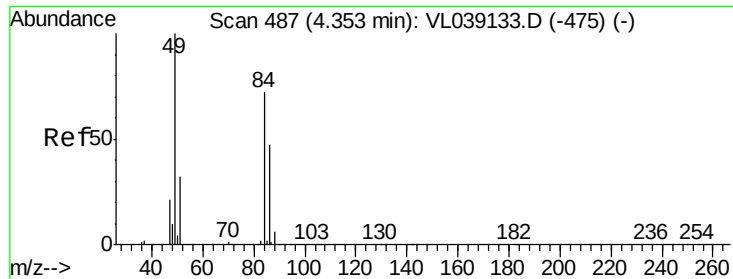
Tot Ion: 59 Resp: 9025
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#



#19
 Isopropyl Alcohol
 Concen: 0.144 ppbv
 RT: 4.00 min Scan# 377
 Delta R.T. 0.04 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

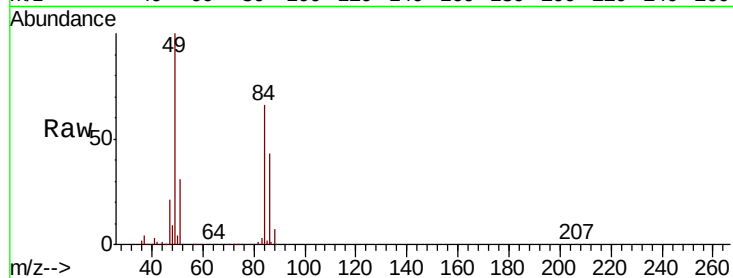
Tgt Ion: 45 Resp: 7949
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.8#



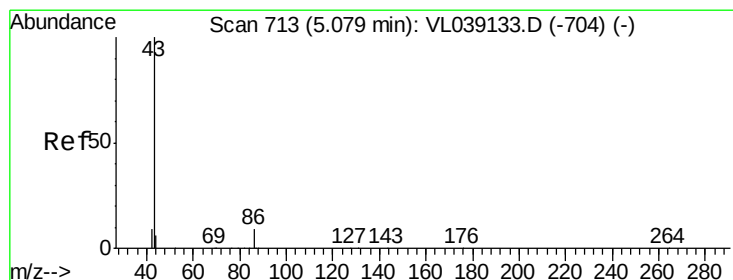
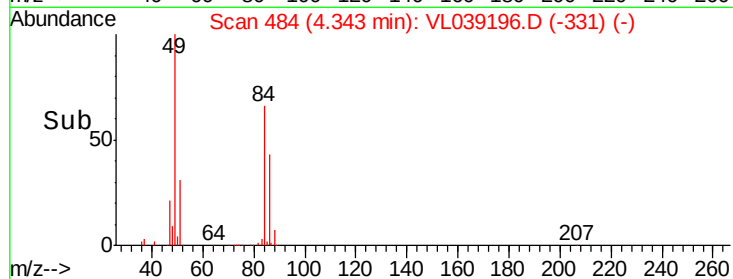
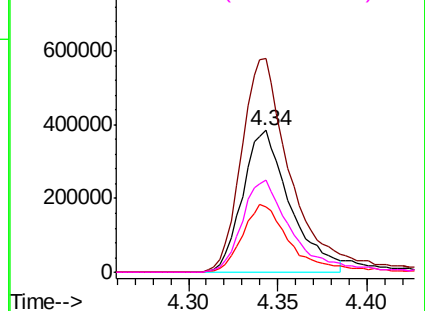


#20
Methvlene Chloride
Concen: 14.342 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

Tot Ion:	84	Resp:	712454
Ion	Ratio	Lower	Upper
84	100		
49	150.6	111.1	166.7
51	45.9	35.3	52.9
86	64.9	51.9	77.9

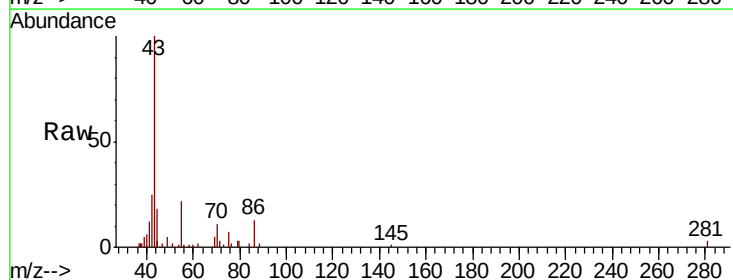


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

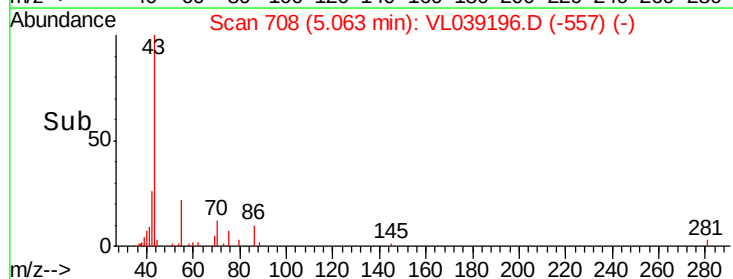
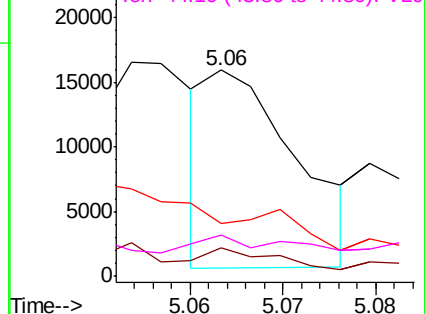


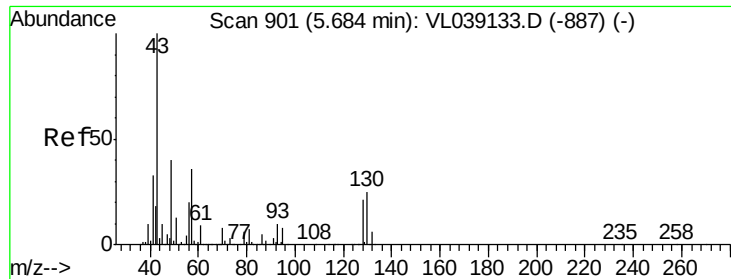
#23
Vinyl Acetate
Concen: 0.105 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

Tgt Ion:	43	Resp:	10195
Ion	Ratio	Lower	Upper
43	100		
86	18.4	6.0	9.0#
42	23.4	8.2	12.4#
44	10.4	4.3	6.5#



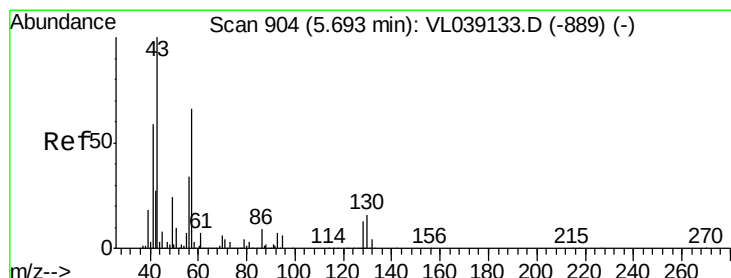
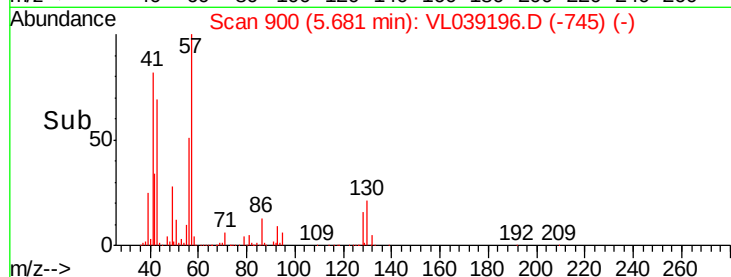
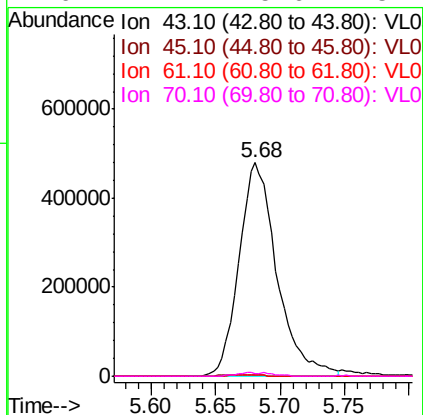
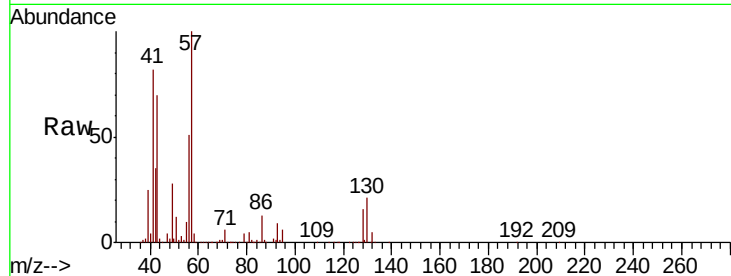
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0





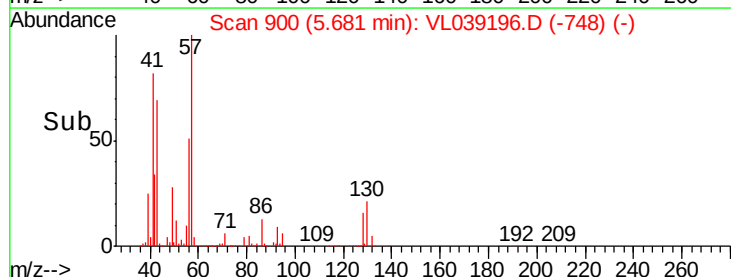
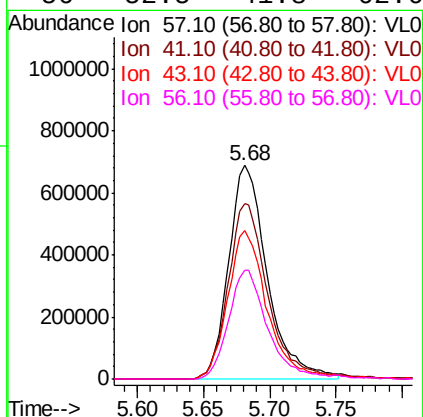
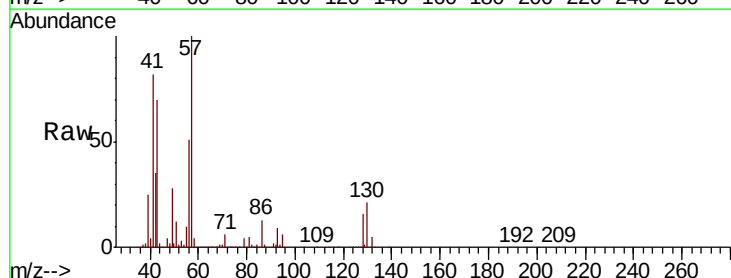
#25
Ethyl Acetate
Concen: 3.699 ppbv
RT: 5.68 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 22:40

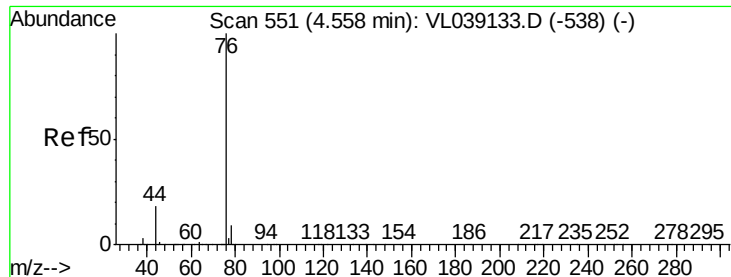
Tot Ion:	43	Resp:	982864
Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.2	12.2#
61	0.7	8.4	12.6#
70	1.7	5.6	8.4#



#26
Hexane
Concen: 11.931 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

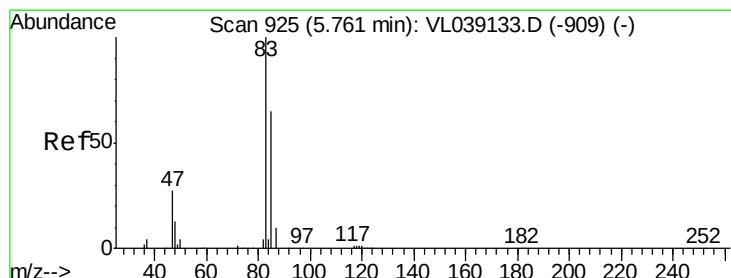
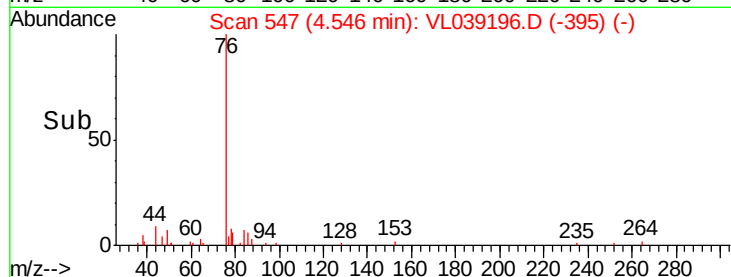
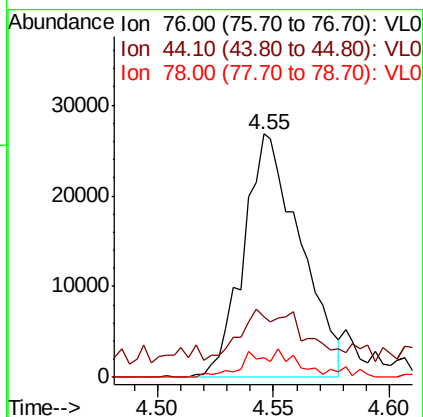
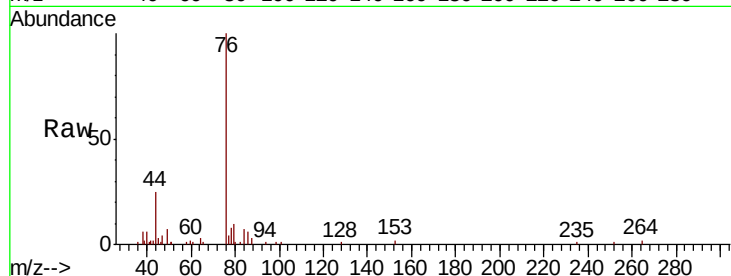
Tgt Ion:	57	Resp:	1393031
Ion	Ratio	Lower	Upper
57	100		
41	85.8	72.4	108.6
43	72.1	187.0	280.6#
56	52.5	41.8	62.6





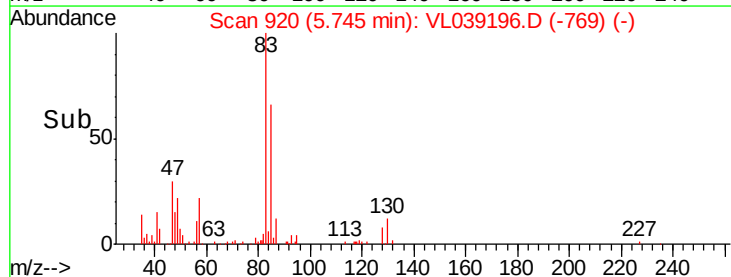
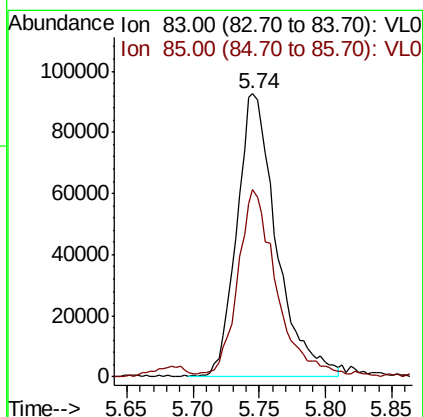
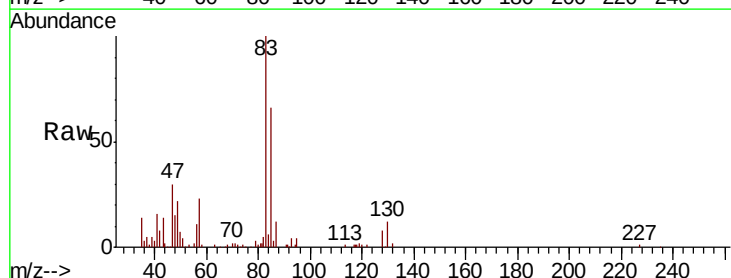
#27
Carbon Disulfide
Concen: 0.378 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 22:40

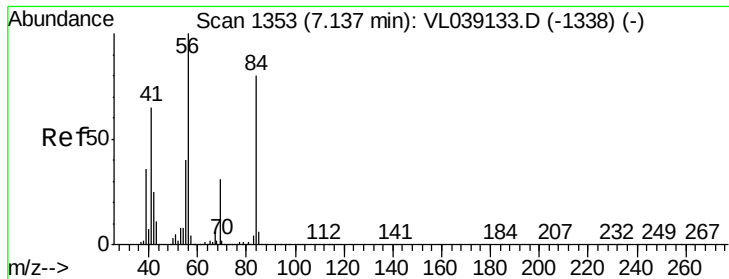
Tot Ion	Ratio	Lower	Upper
76	100		
44	27.8	14.4	21.6#
78	11.3	7.7	11.5



#29
Chloroform
Concen: 0.984 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

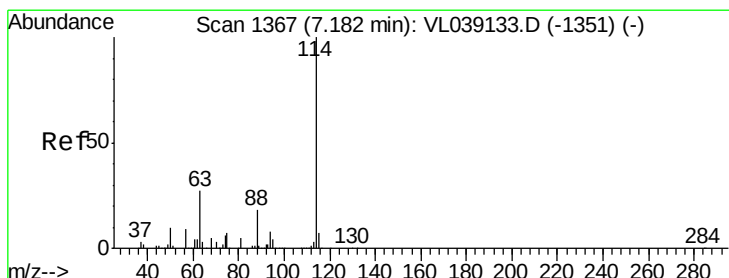
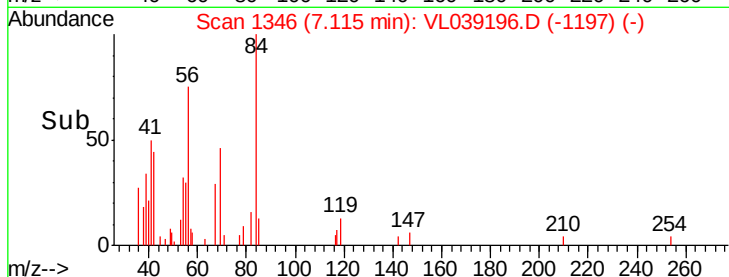
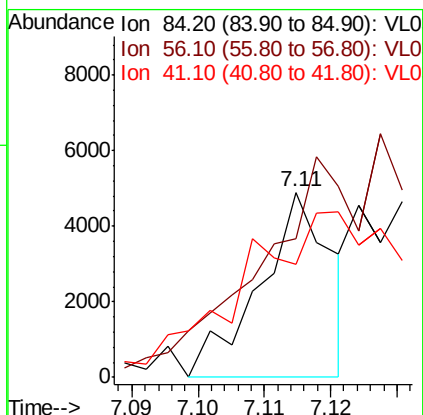
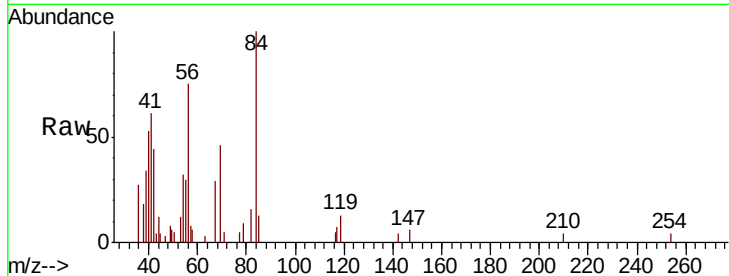
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6





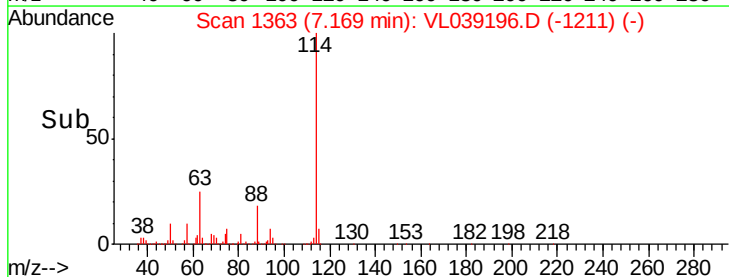
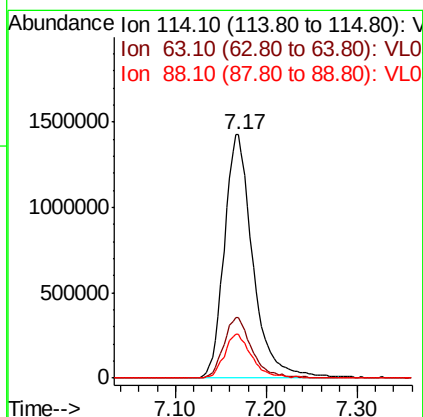
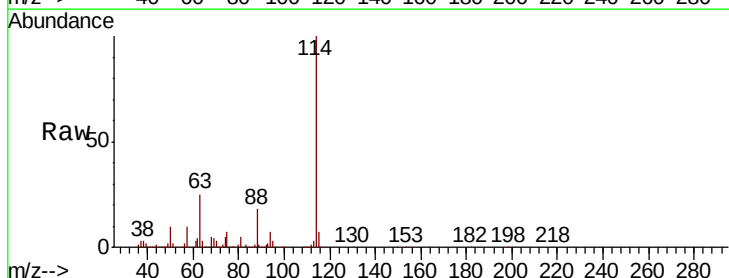
#30
Cvclohexane
Concen: 0.037 ppbv
RT: 7.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

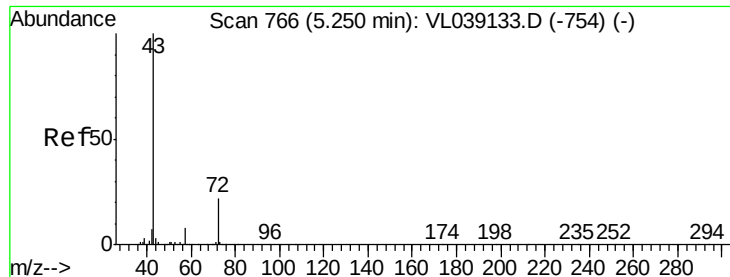
Tot Ion	84	Resp	3637
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	260.5	68.9	103.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

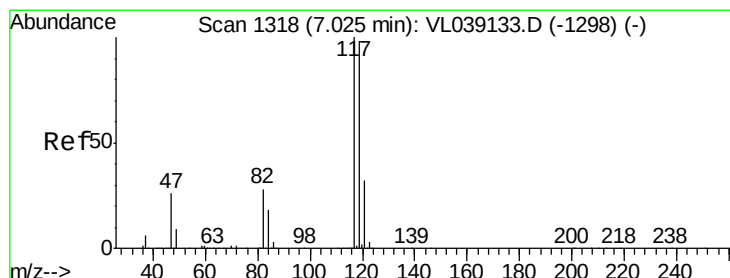
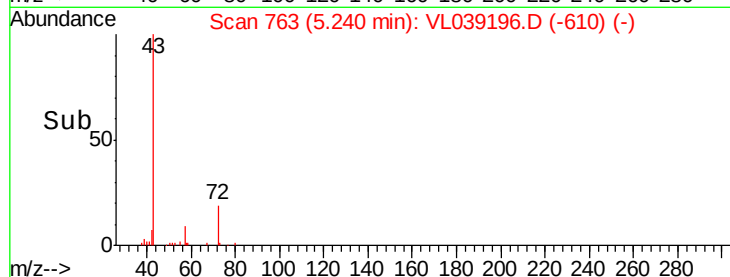
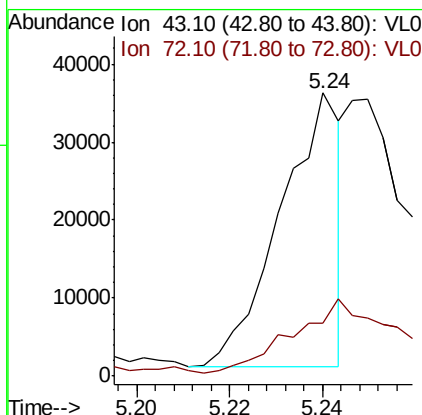
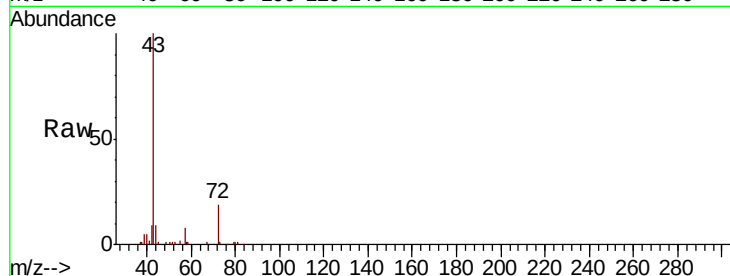
Tgt Ion	114	Resp	3106516
Ion	Ratio	Lower	Upper
114	100		
63	24.9	21.7	32.5
88	17.9	14.8	22.2





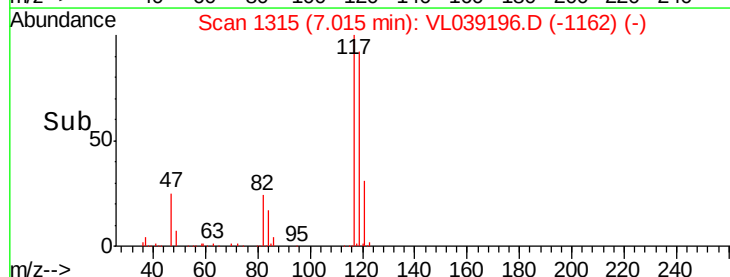
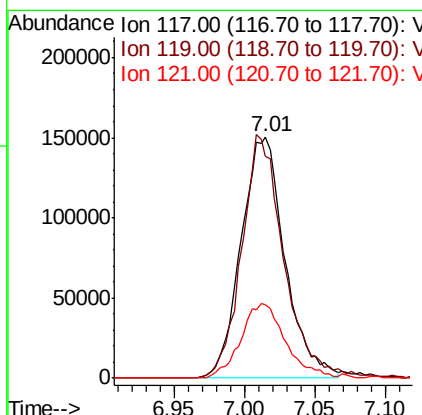
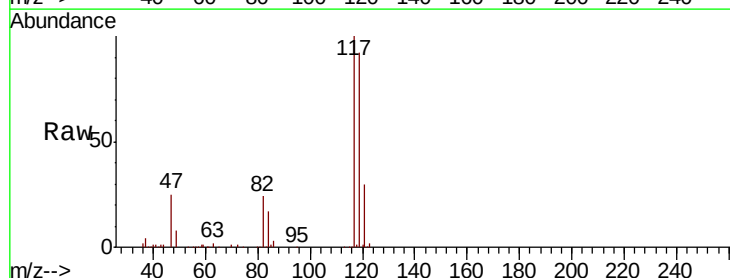
#34
 2-Butanone
 Concen: 0.188 ppbv
 RT: 5.24 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 22:40

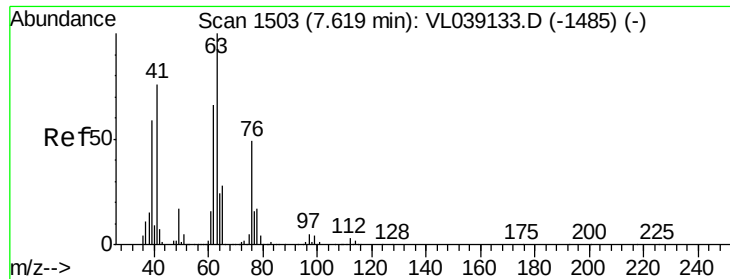
Tot Ion: 43 Resp: 31688
 Ion Ratio Lower Upper
 43 100
 72 58.4 18.2 27.2#



#35
 Carbon Tetrachloride
 Concen: 1.445 ppbv
 RT: 7.01 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

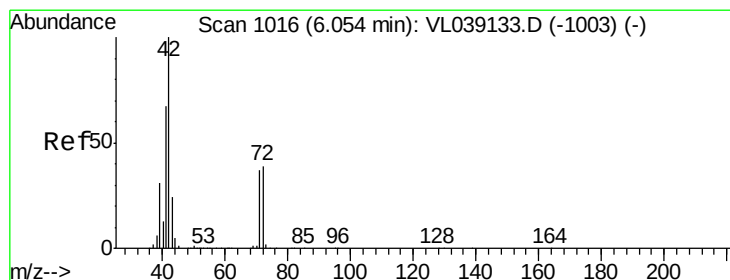
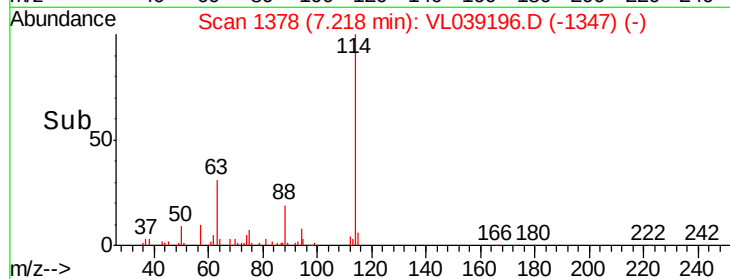
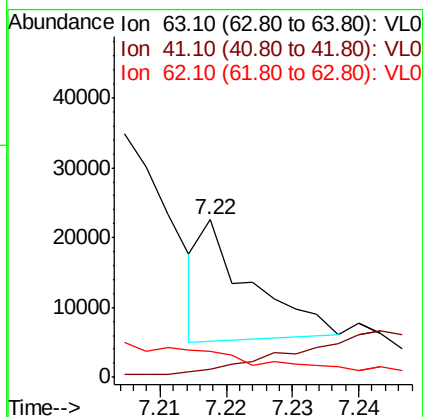
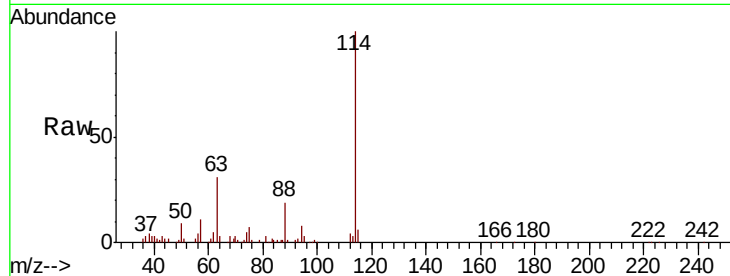
Tgt Ion: 117 Resp: 327648
 Ion Ratio Lower Upper
 117 100
 119 92.2 78.6 118.0
 121 30.5 25.4 38.0





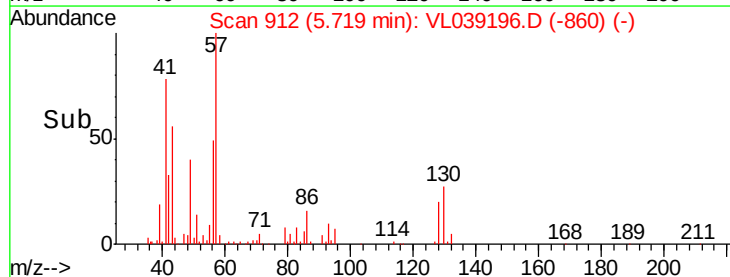
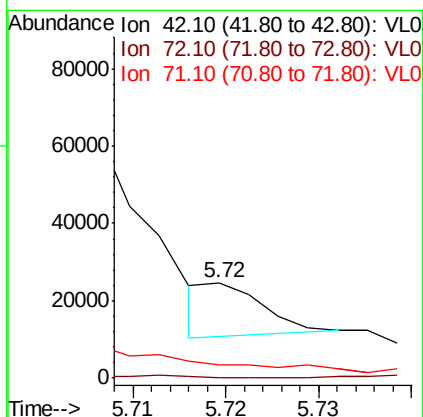
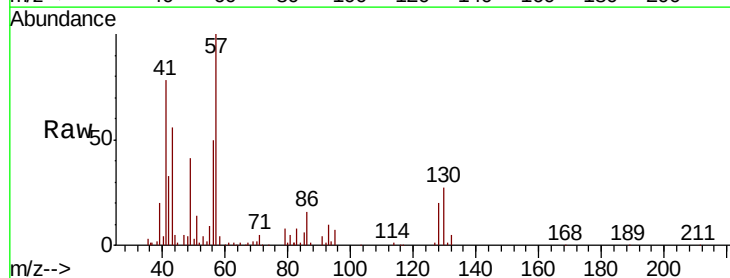
#39
 1,2-Dichloropropane
 Concen: 0.090 ppbv
 RT: 7.22
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 22:40

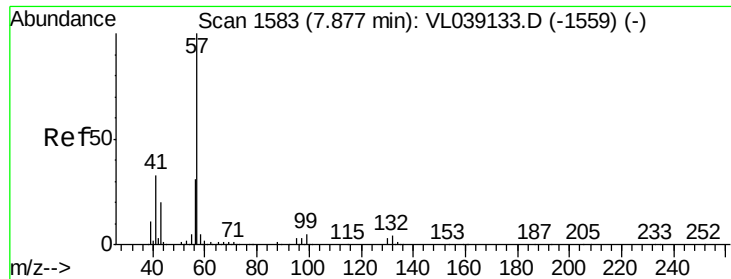
Tot Ion	63	Resp	9027
Ion	Ratio	Lower	Upper
63	100		
41	1.7	60.8	91.2#
62	13.4	52.9	79.3#



#41
 Tetrahydrofuran
 Concen: 0.059 ppbv
 RT: 5.72 min Scan# 912
 Delta R.T. -0.33 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

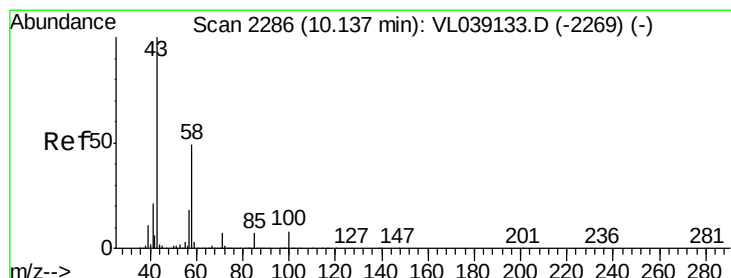
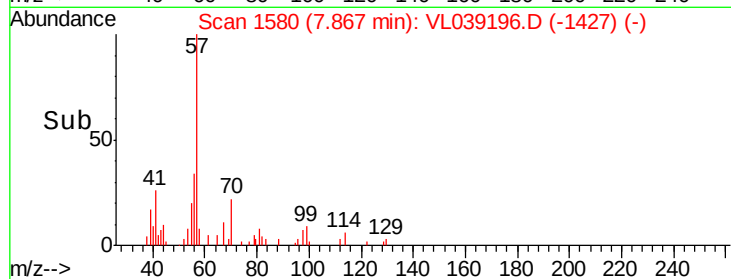
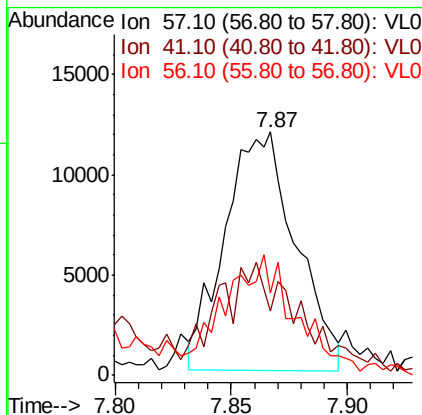
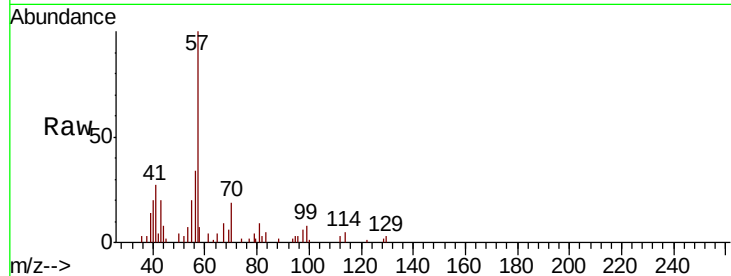
Tgt Ion	42	Resp	5954
Ion	Ratio	Lower	Upper
42	100		
72	17.7	32.0	48.0#
71	0.0	31.1	46.7#





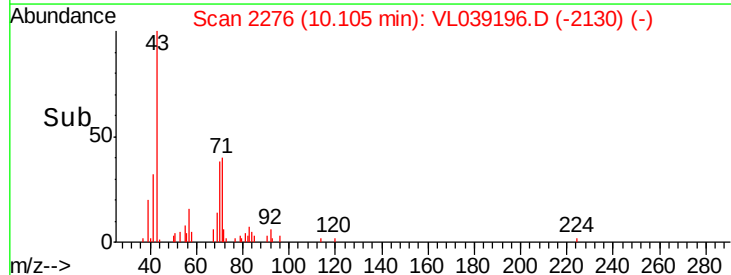
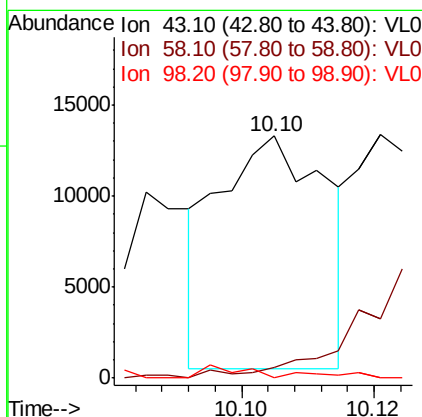
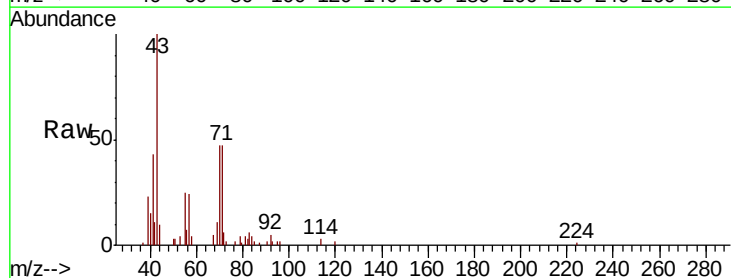
#44
 2,2,4-Trimethylpentane
 Concen: 0.057 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 22:40

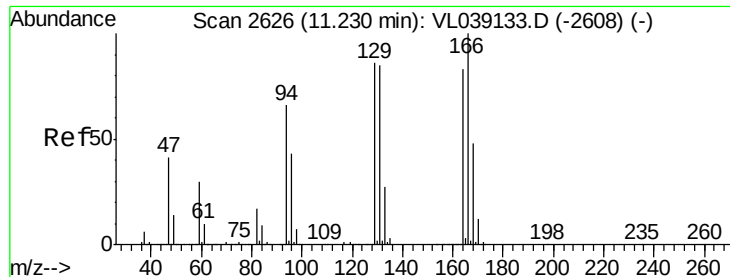
Tot Ion	57	Resp	25309
Ion	Ratio	Lower	Upper
57	100		
41	54.0	26.2	39.4#
56	54.6	24.7	37.1#



#51
 2-Hexanone
 Concen: 0.074 ppbv
 RT: 10.10 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

Tgt Ion	43	Resp	14468
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	3.5	0.1	0.1#





#52

Tetrachloroethene

Concen: 1.404 ppbv

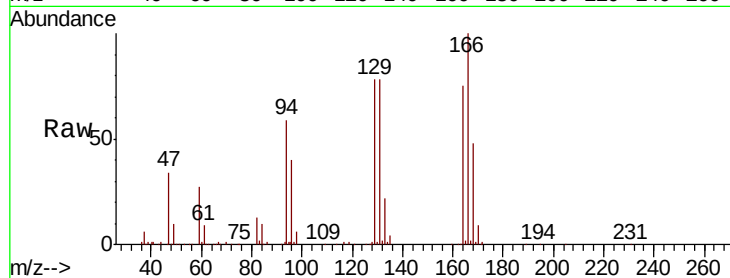
RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 22:40

Tot Ion:	164	Resp:	138289
Ion	Ratio	Lower	Upper
164	100		
166	132.9	96.3	144.5
129	104.0	82.5	123.7
131	102.4	82.1	123.1

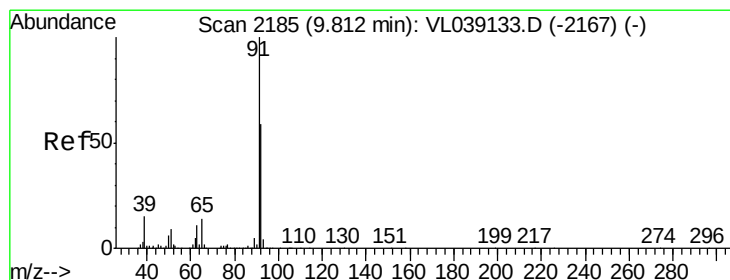
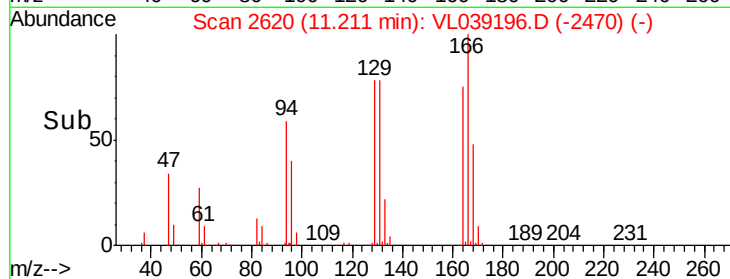
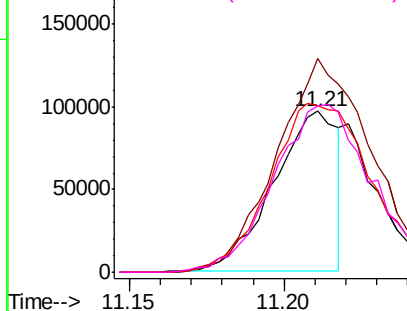


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 1.464 ppbv

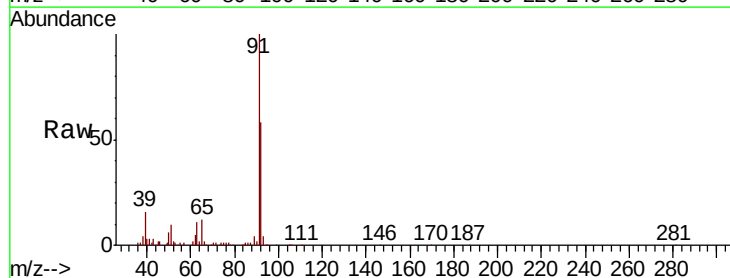
RT: 9.79 min Scan# 2179

Delta R.T. -0.02 min

Lab File: VL039196.D

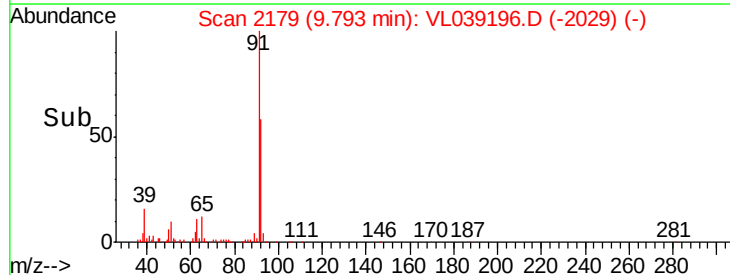
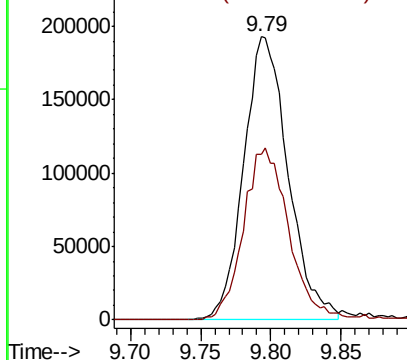
Acq: 6 Jun 2022 22:40

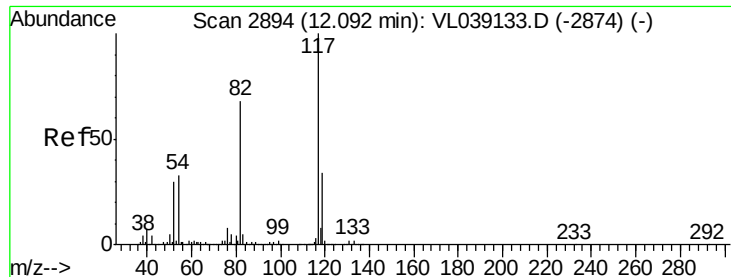
Tgt Ion:	91	Resp:	425293
Ion	Ratio	Lower	Upper
91	100		
92	62.6	48.1	72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

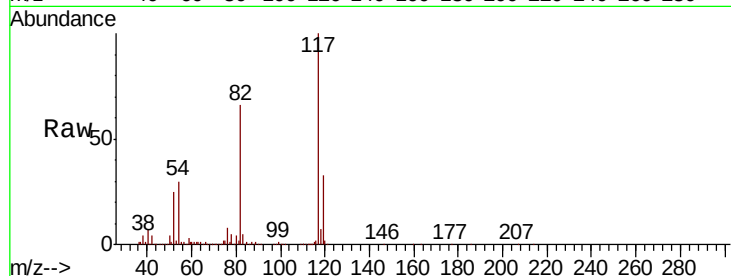
Ion 92.10 (91.80 to 92.80): VL0



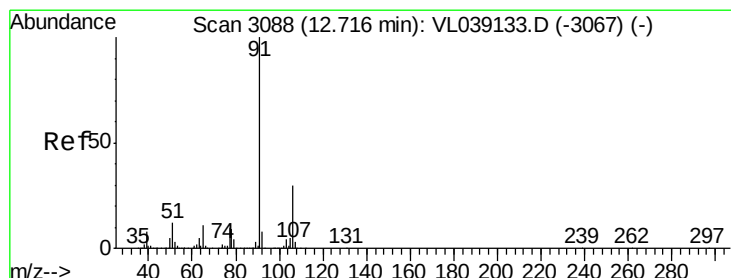
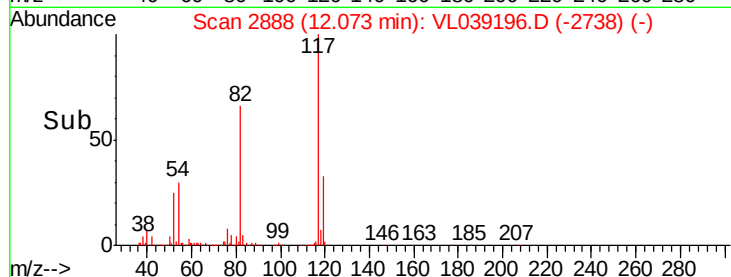
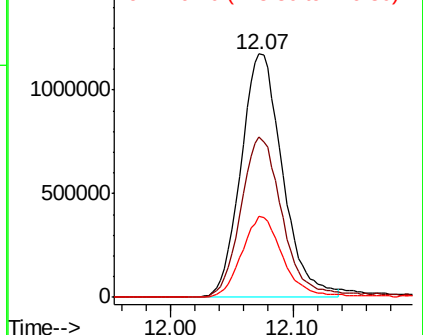


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

Tot Ion: 117 Resp: 2761960
Ion Ratio Lower Upper
117 100
82 68.1 55.1 82.7
119 34.2 24.7 37.1

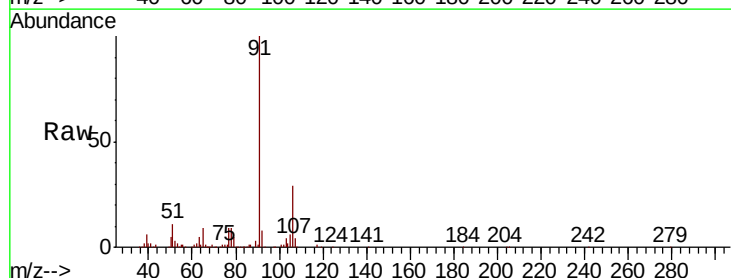


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

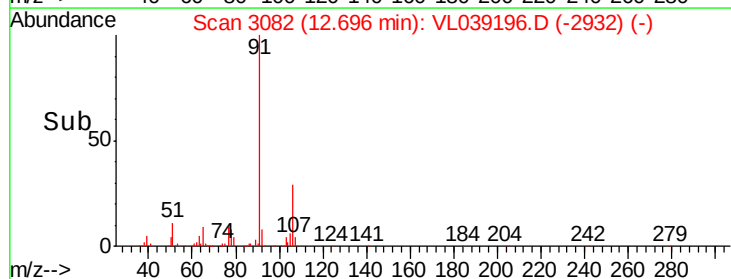
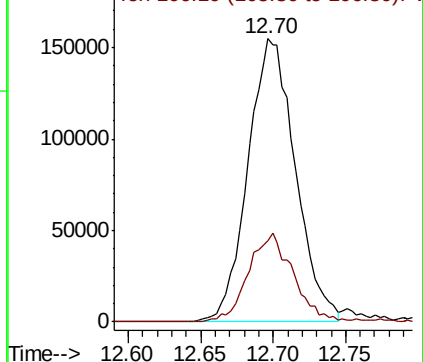


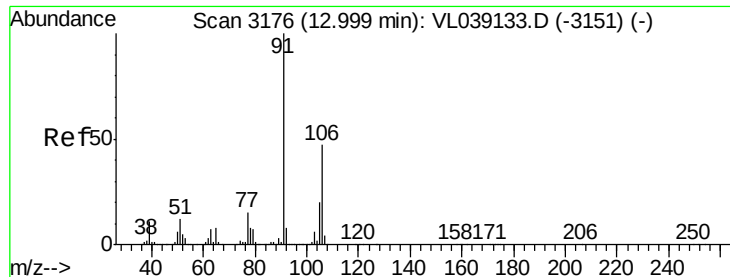
#58
Ethyl Benzene
Concen: 0.924 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

Tgt Ion: 91 Resp: 351578
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.4



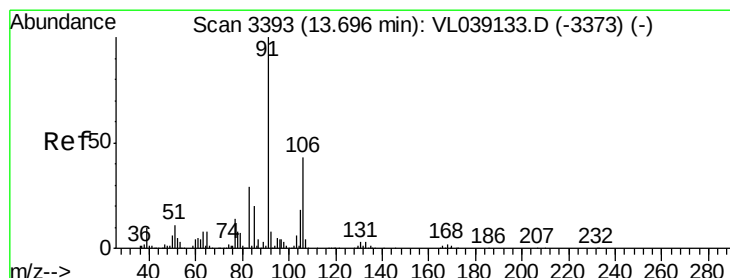
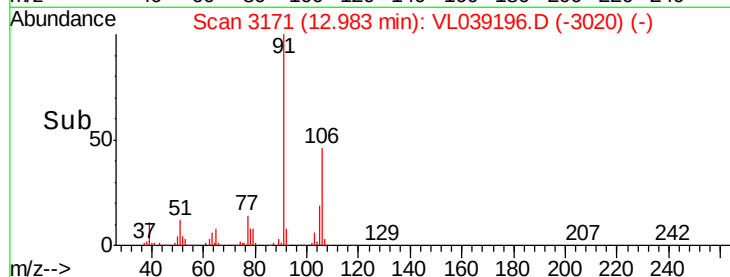
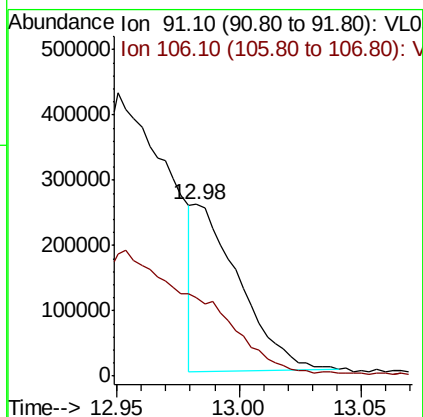
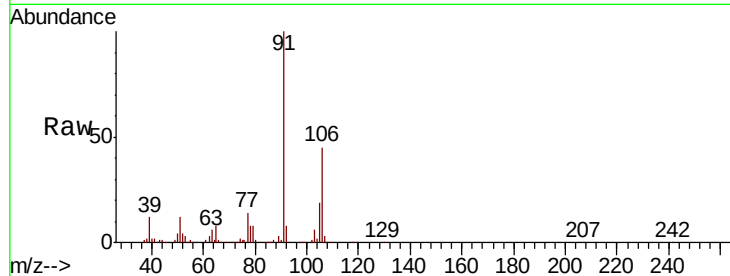
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





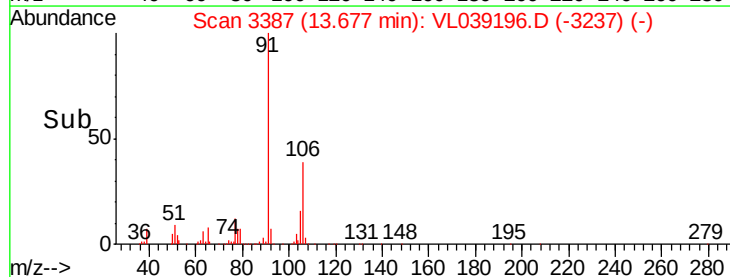
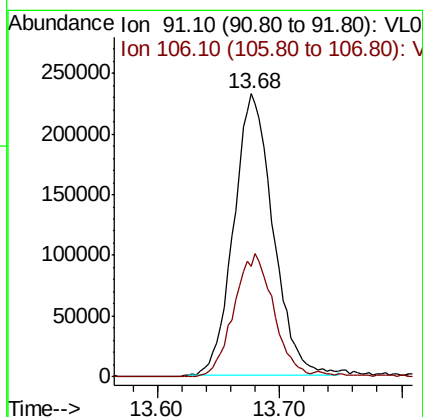
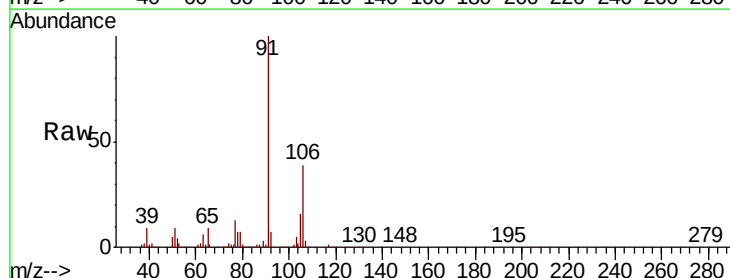
#59
m/p-Xylene
Concen: 0.997 ppbv
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

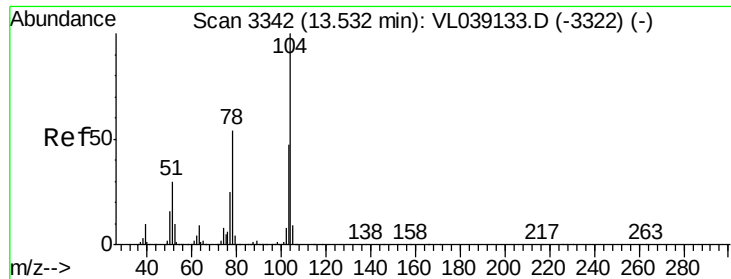
Tot Ion: 91 Resp: 333867
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 1.648 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

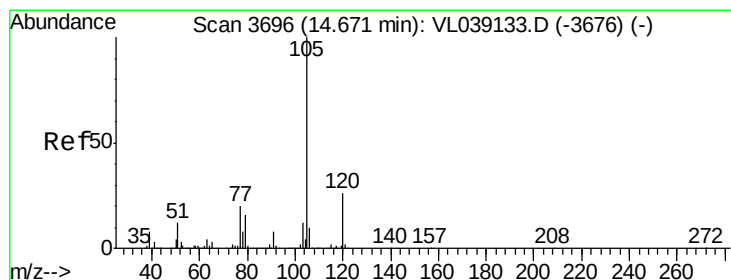
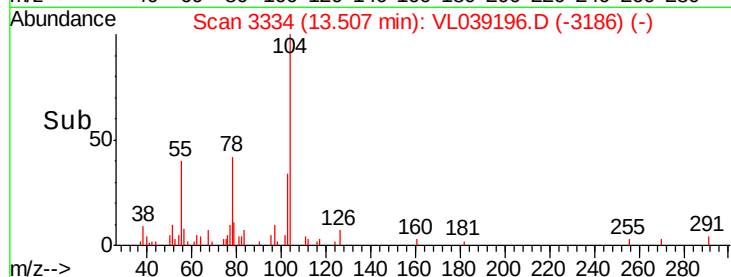
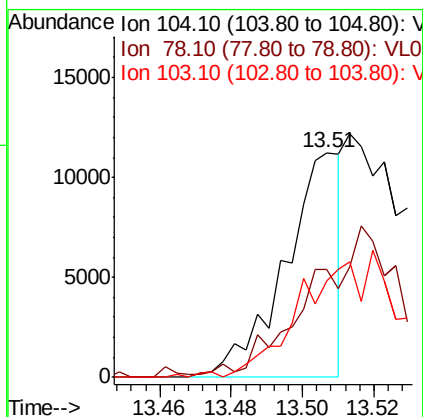
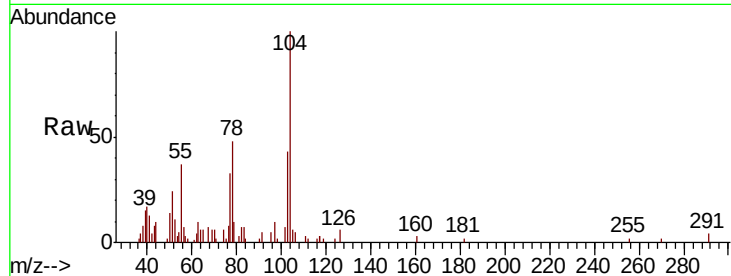
Tgt Ion: 91 Resp: 518812
Ion Ratio Lower Upper
91 100
106 45.6 22.3 66.9





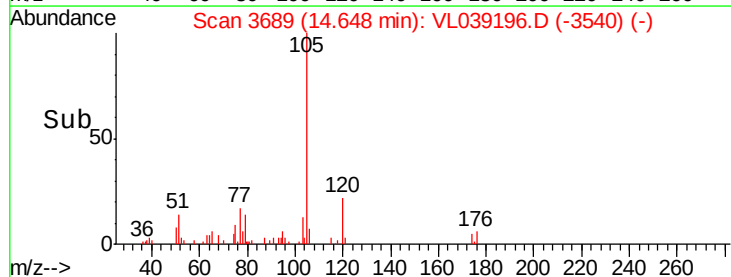
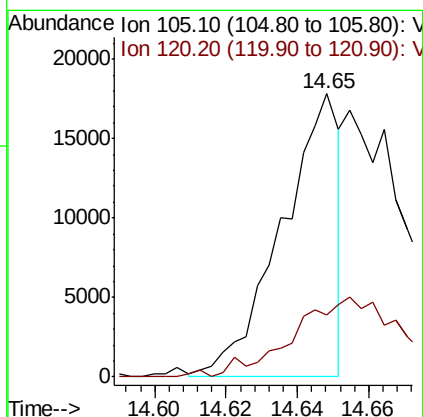
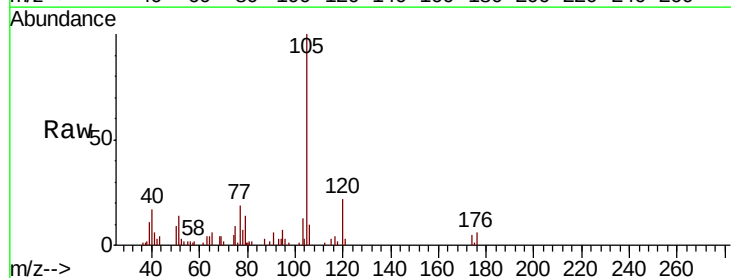
#61
Stvrene
Concen: 0.073 ppbv
RT: 13.51 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

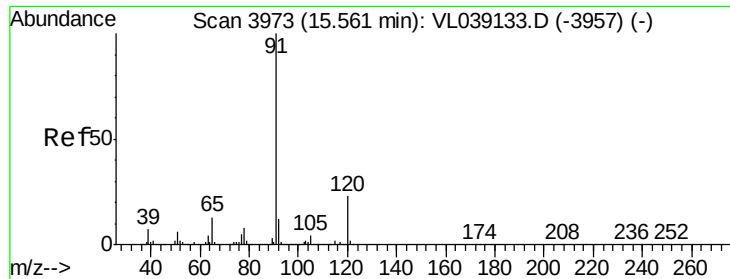
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.7	68.5#
103	0.0	39.6	59.4#



#62
Isopropylbenzene
Concen: 0.043 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

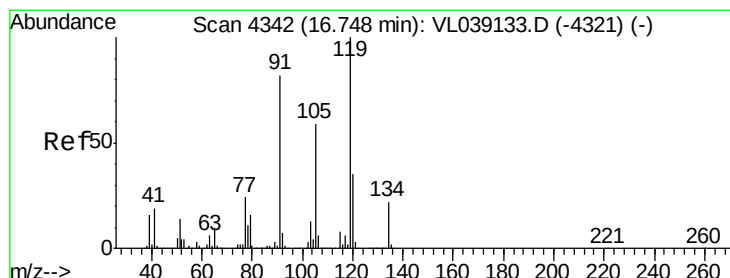
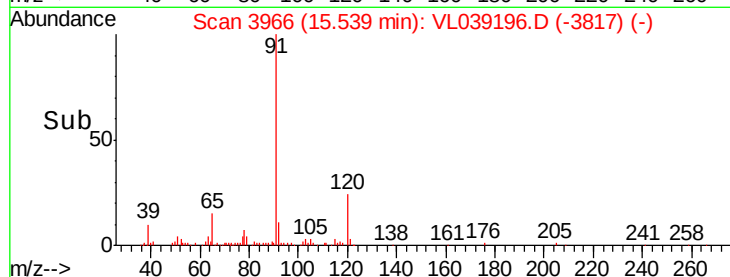
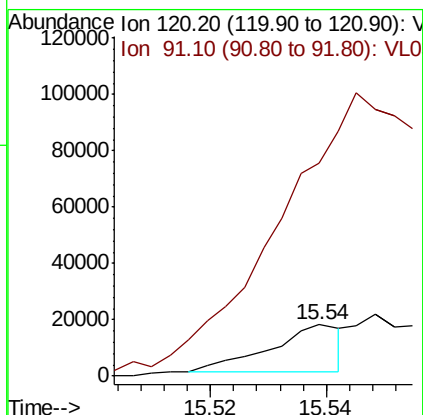
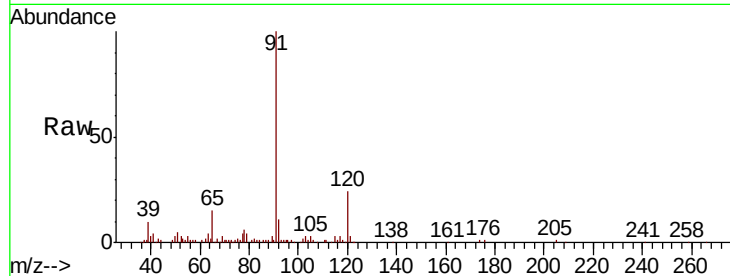
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#





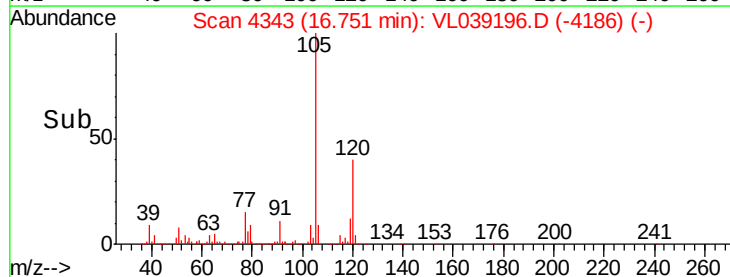
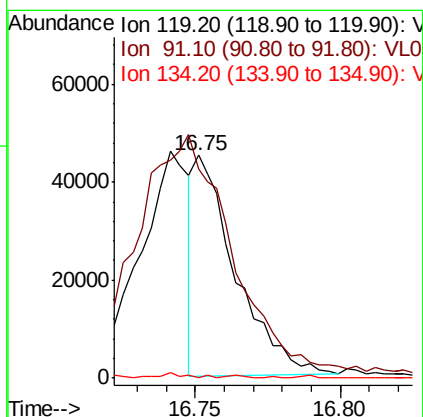
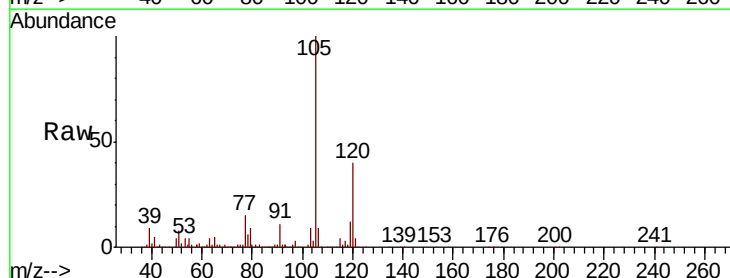
#64
n-propylbenzene
Concen: 0.128 ppbv
RT: 15.54 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 Jun 2022 22:40

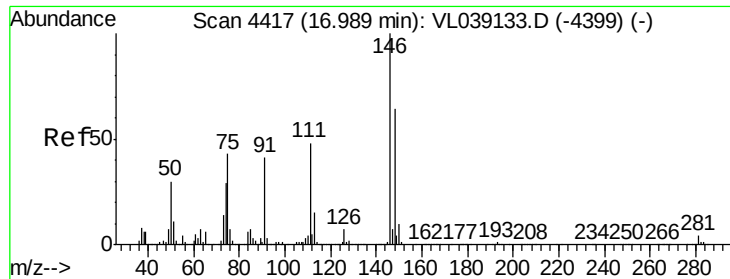
Tot Ion:120 Resp: 14689
Ion Ratio Lower Upper
120 100
91 0.0 388.4 582.6#



#65
tert-Butylbenzene
Concen: 0.103 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. 0.00 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

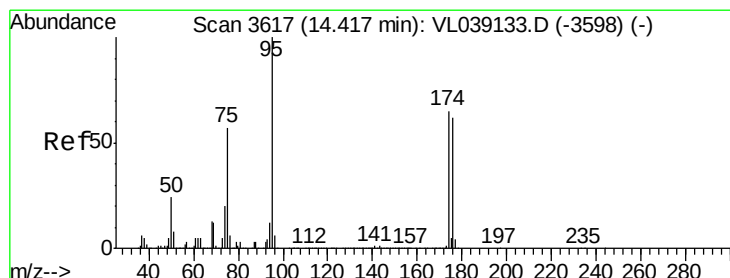
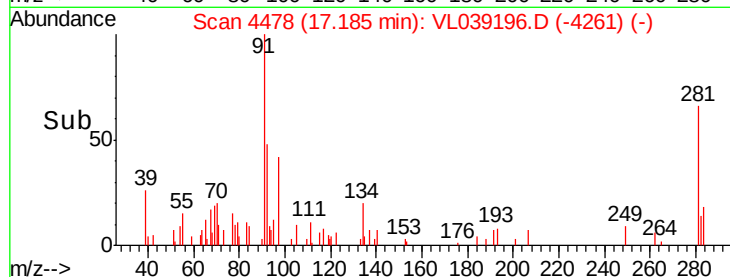
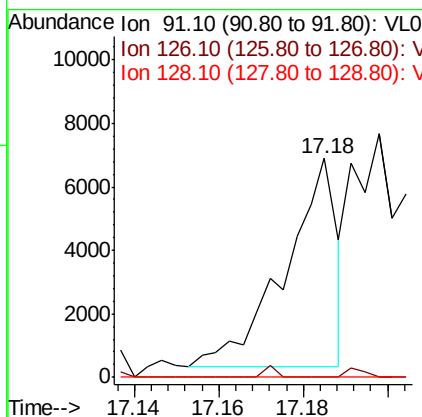
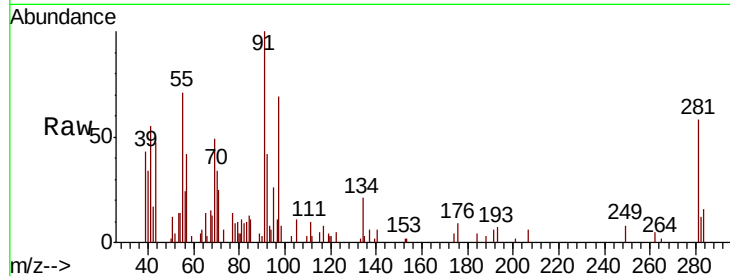
Tgt Ion:119 Resp: 44214
Ion Ratio Lower Upper
119 100
91 265.8 67.1 100.7#
134 0.0 15.8 23.8#





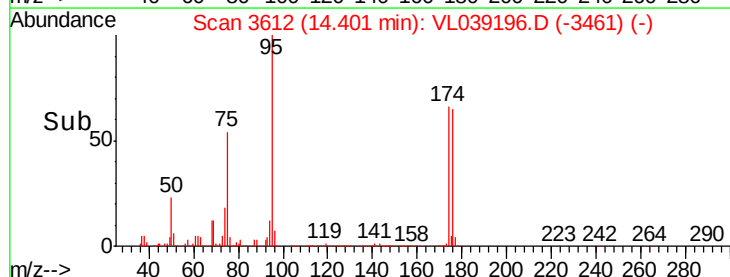
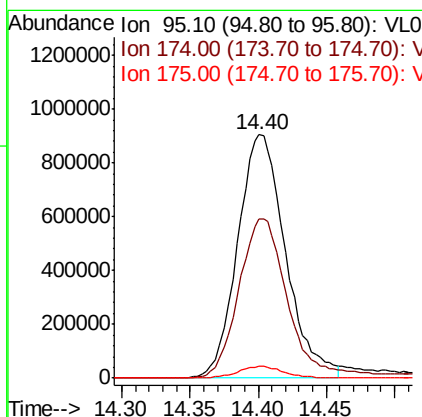
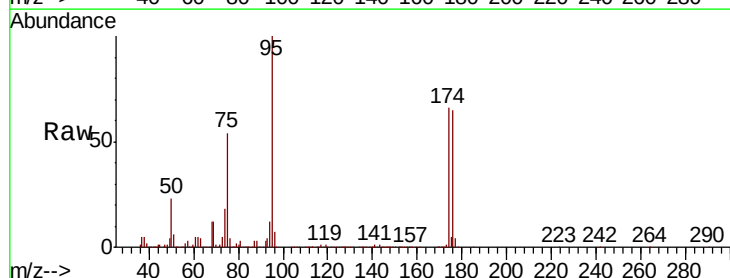
#66
Benzyl Chloride
Concen: 0.101 ppbv
RT: 17.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 22:40

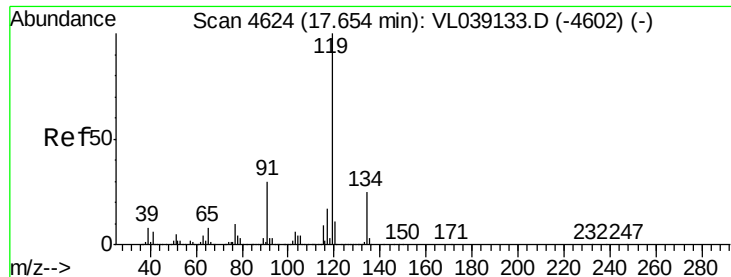
Tot Ion: 91 Resp: 5622
Ion Ratio Lower Upper
91 100
126 8.5 13.4 20.0#
128 1.2 4.1 6.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.614 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL039196.D
Acq: 6 Jun 2022 22:40

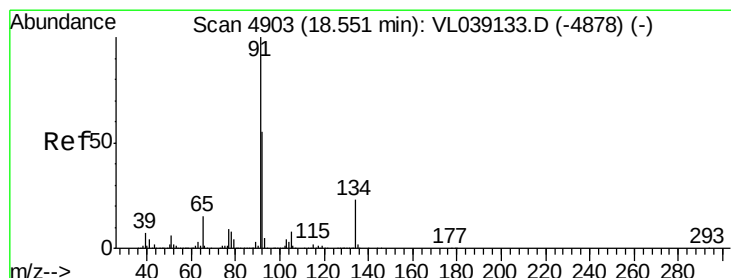
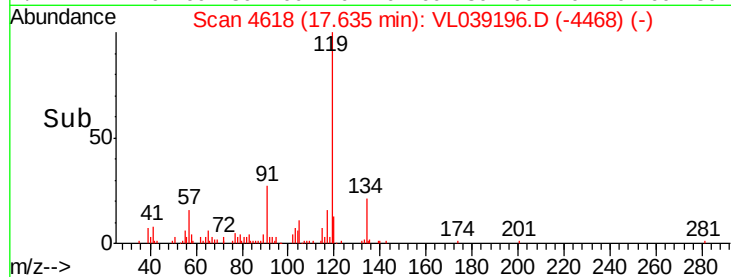
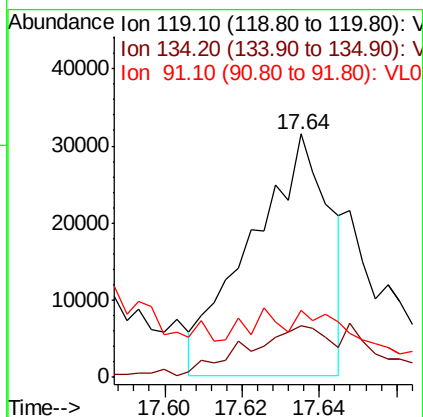
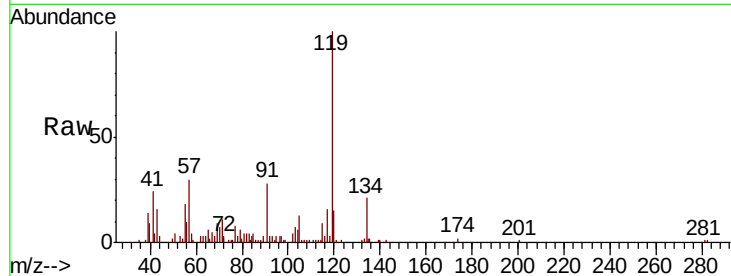
Tgt Ion: 95 Resp: 2195179
Ion Ratio Lower Upper
95 100
174 70.4 53.8 80.8
175 4.9 4.1 6.1





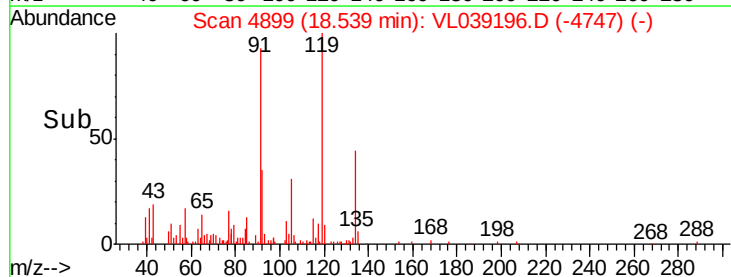
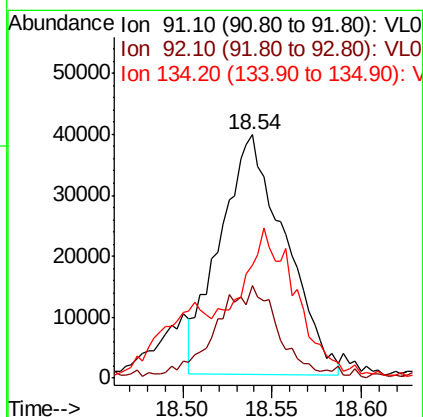
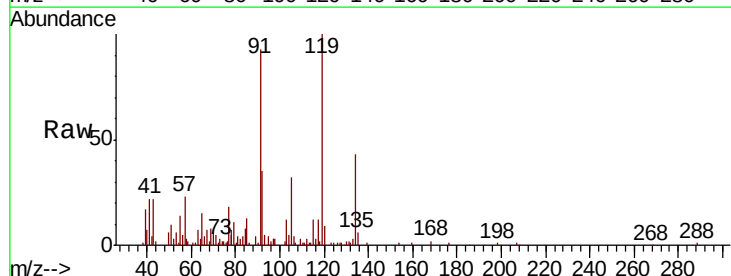
#69
 p-Isopropyltoluene
 Concen: 0.090 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 22:40

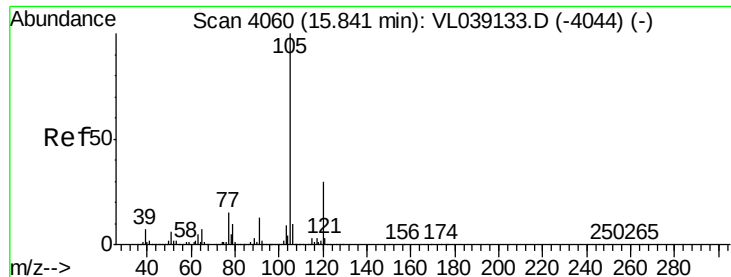
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	49.5	24.2	36.4#



#70
 n-Butylbenzene
 Concen: 0.198 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.2	43.6	65.4#
134	82.2	17.7	26.5#





#72

4-Ethyltoluene

Concen: 0.521 ppbv

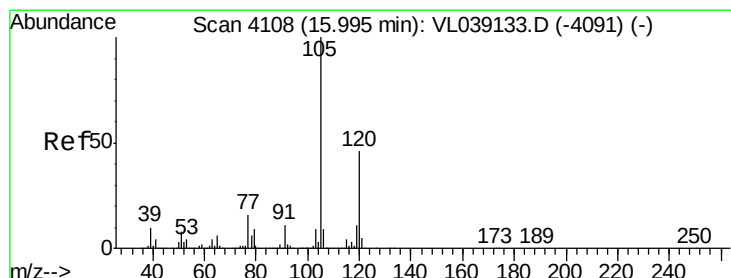
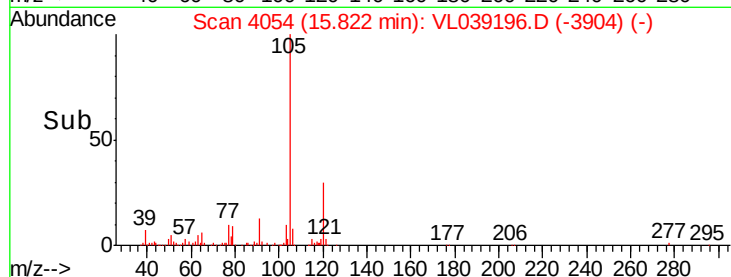
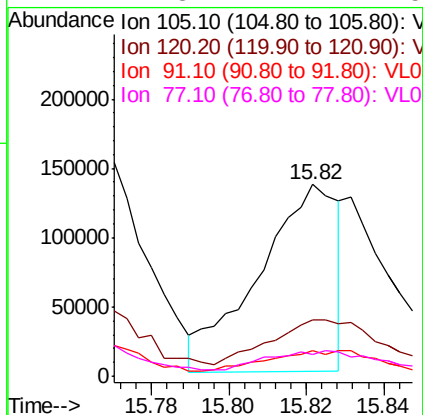
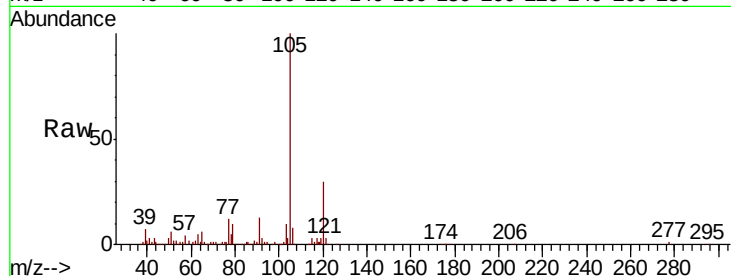
RT: 15.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Jun 2022 22:40

Tot Ion:	105	Resp:	192300
Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.9	35.9#
91	19.2	10.6	16.0#
77	22.3	11.7	17.5#



#73

1,3,5-Trimethylbenzene

Concen: 0.743 ppbv

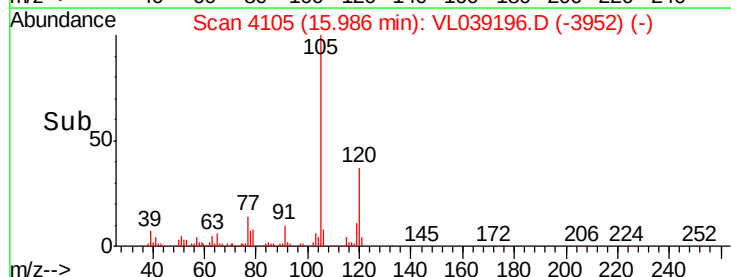
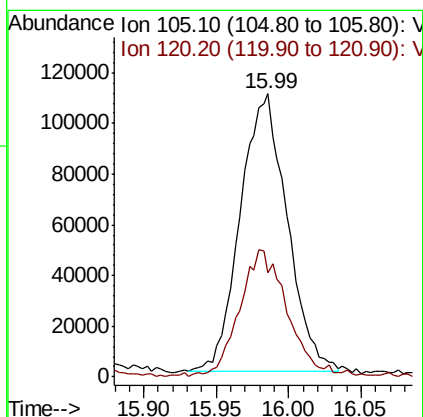
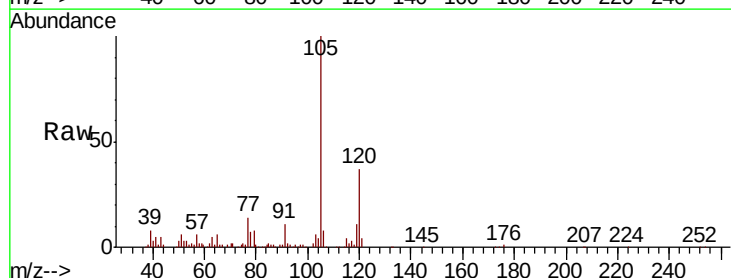
RT: 15.99 min Scan# 4105

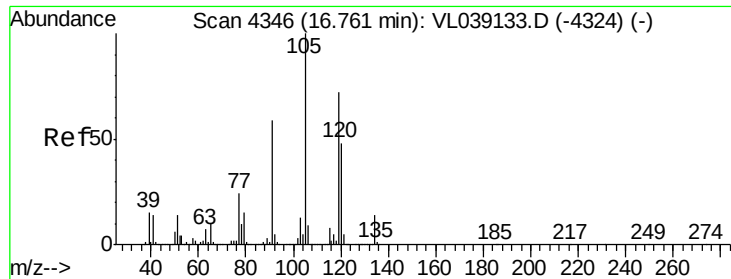
Delta R.T. -0.01 min

Lab File: VL039196.D

Acq: 6 Jun 2022 22:40

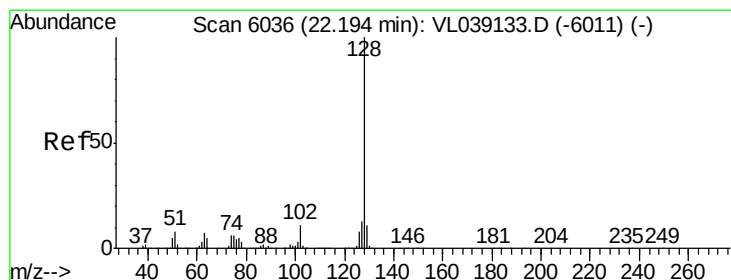
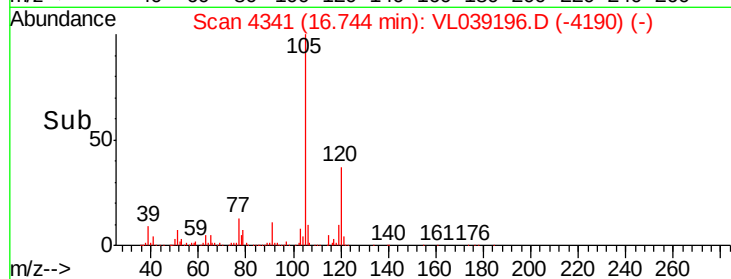
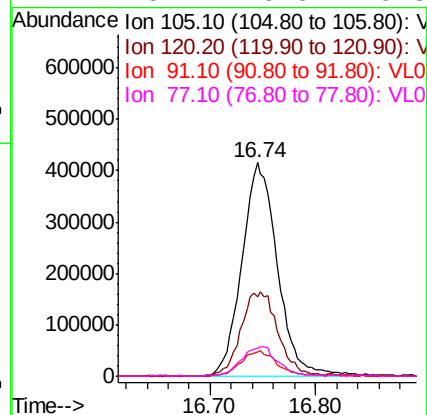
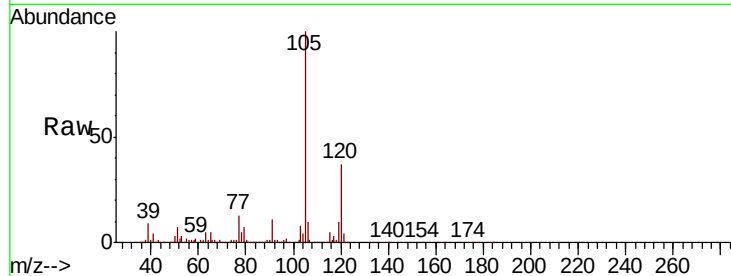
Tgt Ion:	105	Resp:	247139
Ion	Ratio	Lower	Upper
105	100		
120	37.6	36.7	55.1





#74
 1,2,4-Trimethylbenzene
 Concen: 2.610 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 22:40

Tot Ion:	105	Resp:	969465
Ion	Ratio	Lower	Upper
105	100		
120	37.1	38.1	57.1#
91	11.0	47.4	71.0#
77	13.2	19.5	29.3#



#79
 Naphthalene
 Concen: 0.053 ppbv
 RT: 22.20 min Scan# 6037
 Delta R.T. 0.00 min
 Lab File: VL039196.D
 Acq: 6 Jun 2022 22:40

Tgt Ion:	128	Resp:	15133
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.4	15.6
129	13.1	9.0	13.6

