

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039198.D
 Acq On : 7 Jun 2022 00:01
 Operator : SY/AP
 Sample : N3110-09 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 07 03:19:48 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	1234485	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3358670	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2998462	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2338697	9.43	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	30615	0.141 ppbv	93
3) Chlorodifluoromethane	2.99	51	31198	0.199 ppbv #	86
4) Chloromethane	3.14	50	13491	0.167 ppbv #	84
9) Propene	3.02	41	9671	0.141 ppbv #	45
10) Heptane	8.11	43	47142	0.295 ppbv	86
11) Trichlorofluoromethane	3.95	101	25233	0.129 ppbv	93
13) Ethanol	3.60	45	243090	65.082 ppbv #	100
15) Acetone	3.84	43	1081971	8.414 ppbv	92
16) 1,3-Butadiene	3.31	39	41787	0.604 ppbv #	16
17) tert-Butyl alcohol	4.29	59	53663	0.538 ppbv #	92
19) Isopropyl Alcohol	3.96	45	22586	0.374 ppbv #	1
20) Methylene Chloride	4.34	84	852319	15.728 ppbv	94
23) Vinyl Acetate	5.06	43	15544	0.146 ppbv #	44
25) Ethyl Acetate	5.68	43	1181799	4.078 ppbv #	76
26) Hexane	5.68	57	1706079	13.395 ppbv #	38
29) Chloroform	5.75	83	21703	0.101 ppbv	92
30) Cyclohexane	7.12	84	8257	0.077 ppbv #	12
34) 2-Butanone	5.24	43	303846	1.665 ppbv	94
36) Benzene	6.89	78	13102	0.048 ppbv #	89
39) 1,2-Dichloropropane	7.17	63	791743	7.300 ppbv #	23
41) Tetrahydrofuran	5.68	42	603026	5.495 ppbv #	50
44) 2,2,4-Trimethylpentane	7.86	57	32495	0.068 ppbv #	40
51) 2-Hexanone	10.13	43	58909	0.277 ppbv #	35
52) Tetrachloroethene	11.21	164	193724	1.820 ppbv	94
53) Toluene	9.80	91	371253	1.182 ppbv	97
58) Ethyl Benzene	12.70	91	262821	0.636 ppbv	100
59) m/p-Xylene	12.96	91	932987	2.565 ppbv	91
60) o-Xylene	13.68	91	436812	1.278 ppbv	98
61) Styrene	13.51	104	17246	0.094 ppbv #	25
64) n-propylbenzene	15.54	120	15146	0.121 ppbv #	1
65) tert-Butylbenzene	16.74	119	105532	0.227 ppbv #	77
66) Benzyl Chloride	17.18	91	2483	0.041 ppbv #	68
67) sec-Butylbenzene	17.28	105	19253	0.030 ppbv #	55
70) n-Butylbenzene	18.54	91	68725	0.125 ppbv #	77
72) 4-Ethyltoluene	15.82	105	254692	0.636 ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	163512	0.453 ppbv	94
74) 1,2,4-Trimethylbenzene	16.75	105	962317	2.387 ppbv #	64
79) Naphthalene	22.20	128	11642	0.038 ppbv	95
80) Naphthalene,2-methyl-	24.96	142	7220	0.063 ppbv #	87

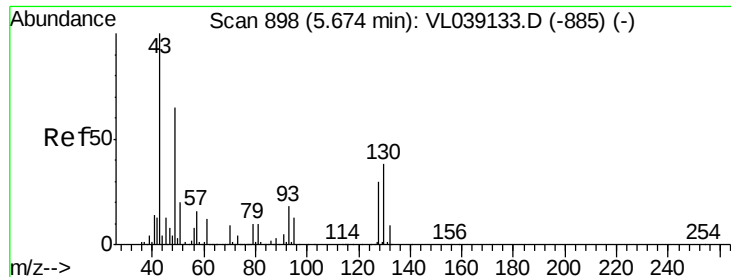
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
Data File : VL039198.D
Acq On : 7 Jun 2022 00:01
Operator : SY/AP
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Quant Time: Jun 07 03:19:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD 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: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 00:01

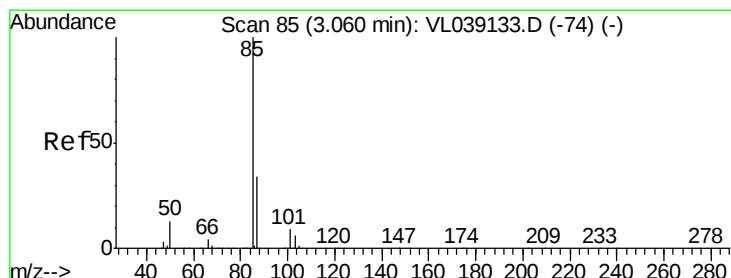
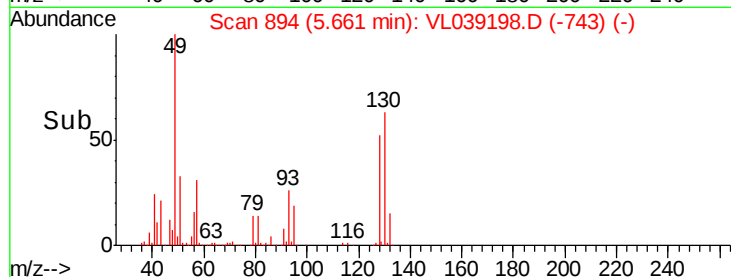
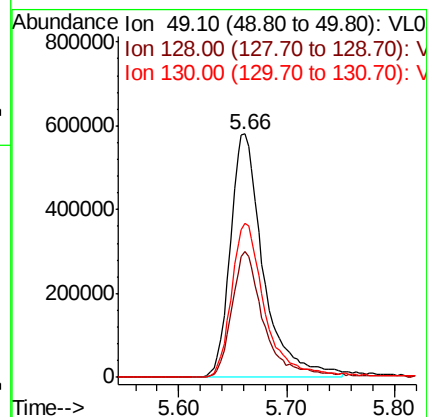
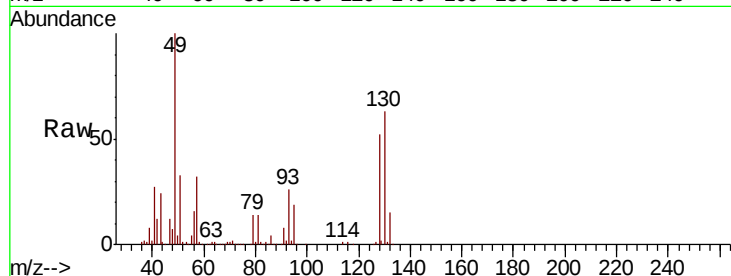
Tot Ion: 49 Resp: 1234485

Ion Ratio Lower Upper

49 100

128 52.0 24.7 74.1

130 64.9 31.4 94.0



#2

Dichlorodifluoromethane

Concen: 0.141 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL039198.D

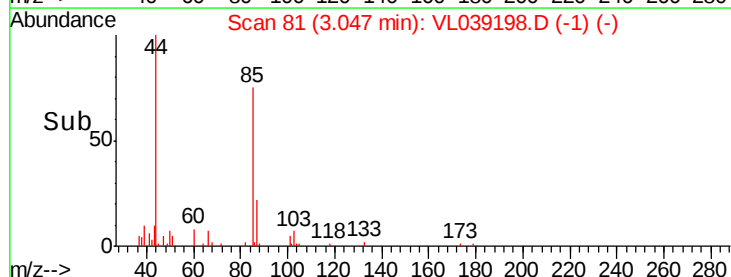
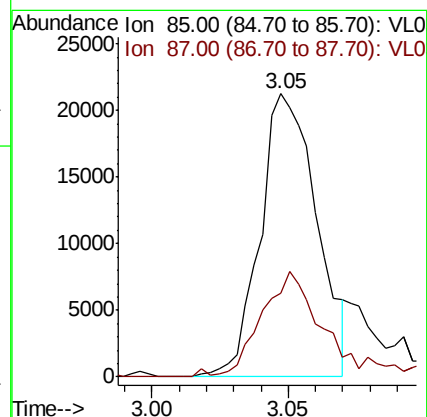
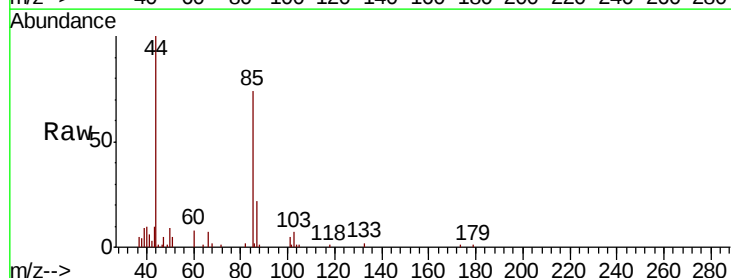
Acq: 7 Jun 2022 00:01

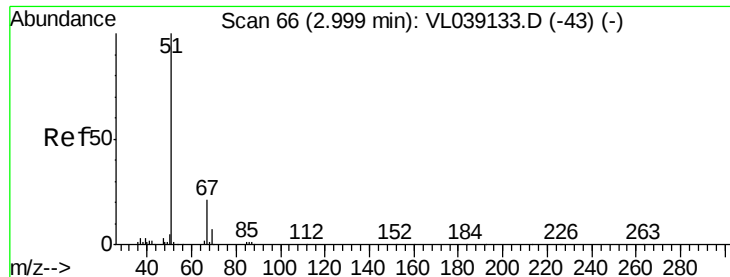
Tgt Ion: 85 Resp: 30615

Ion Ratio Lower Upper

85 100

87 29.4 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.199 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

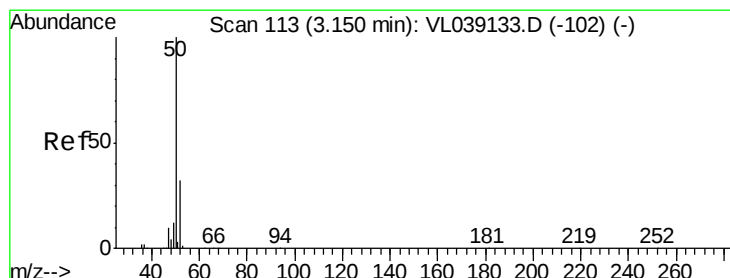
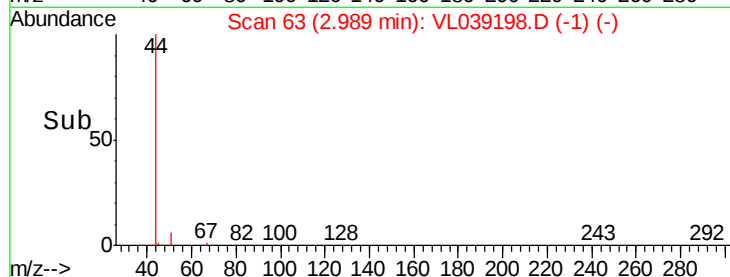
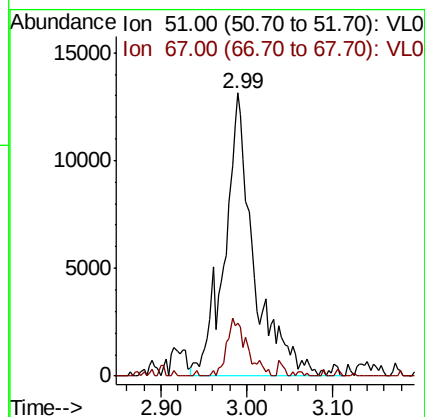
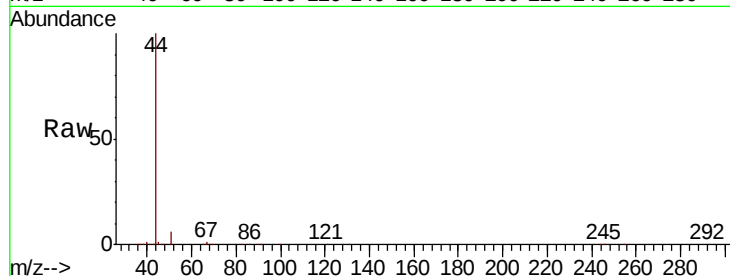
Acq: 7 Jun 2022 00:01

Tot Ion: 51 Resp: 31198

Ion Ratio Lower Upper

51 100

67 13.9 16.2 24.4#



#4

Chloromethane

Concen: 0.167 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL039198.D

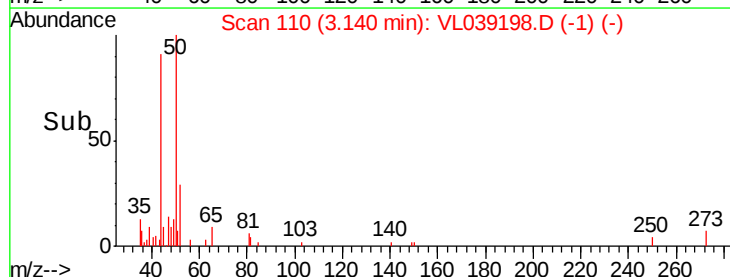
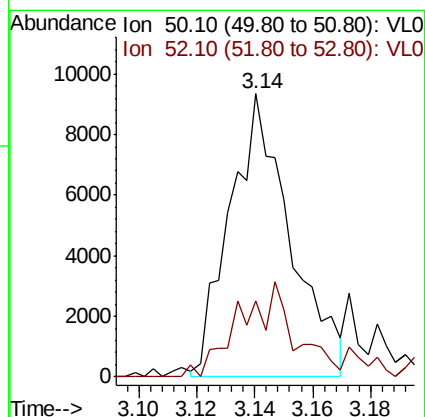
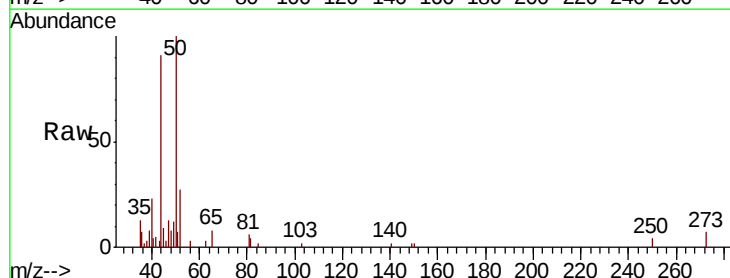
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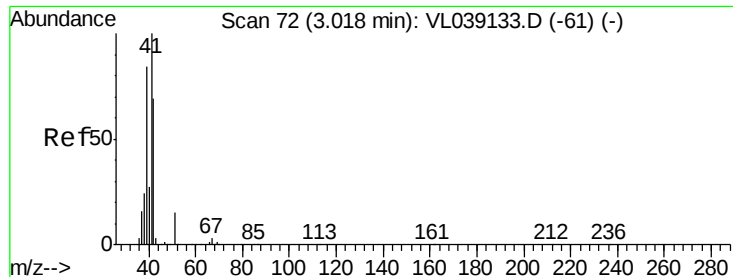
Tgt Ion: 50 Resp: 13491

Ion Ratio Lower Upper

50 100

52 23.5 25.9 38.9#





#9

Propene

Concen: 0.141 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

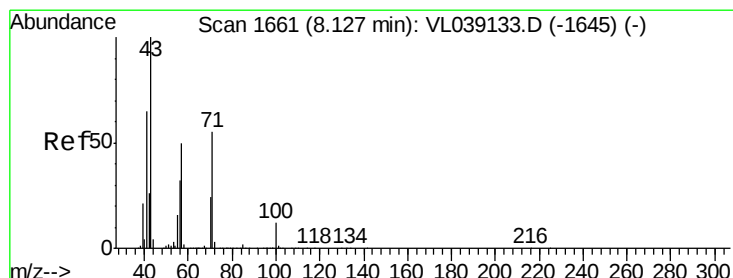
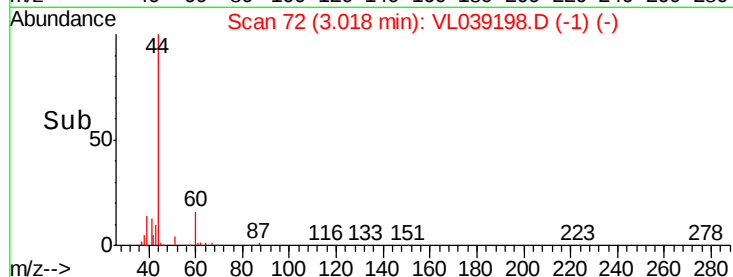
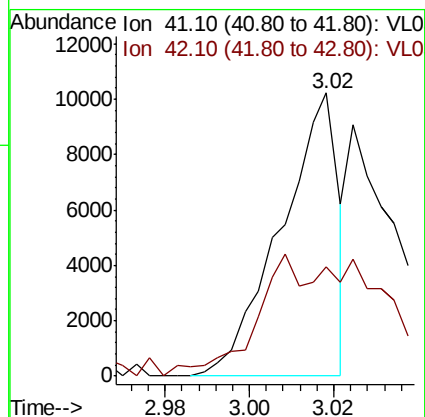
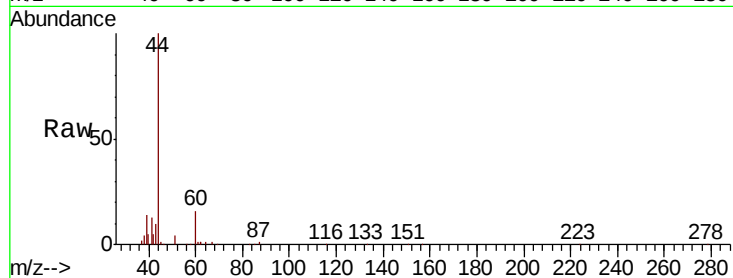
Acq: 7 Jun 2022 00:01

Tot Ion: 41 Resp: 9671

Ion Ratio Lower Upper

41 100

42 114.0 55.4 83.2#



#10

Heptane

Concen: 0.295 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VL039198.D

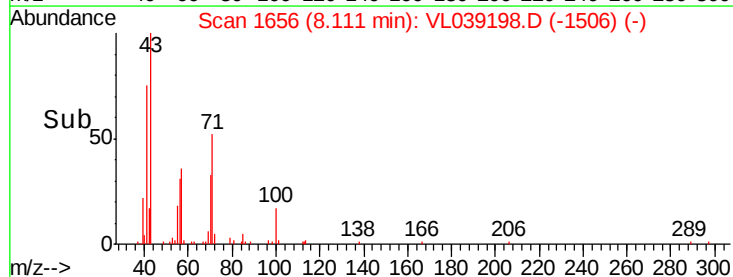
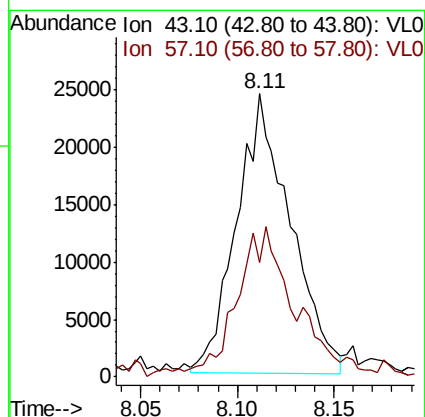
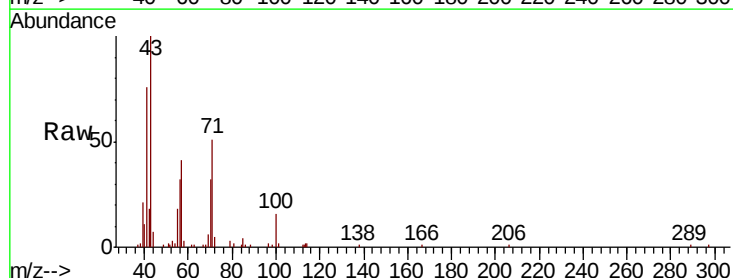
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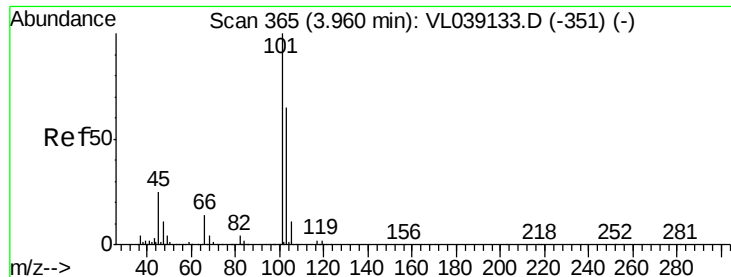
Tgt Ion: 43 Resp: 47142

Ion Ratio Lower Upper

43 100

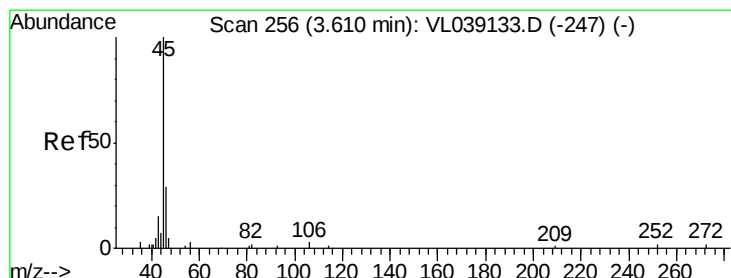
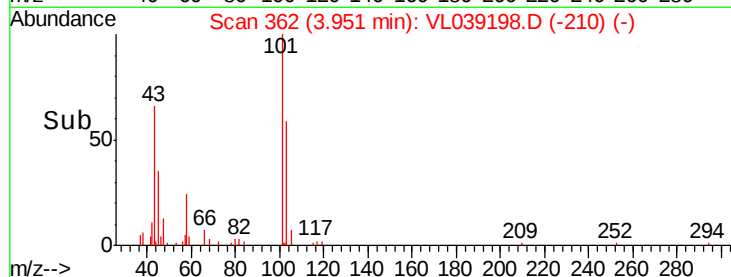
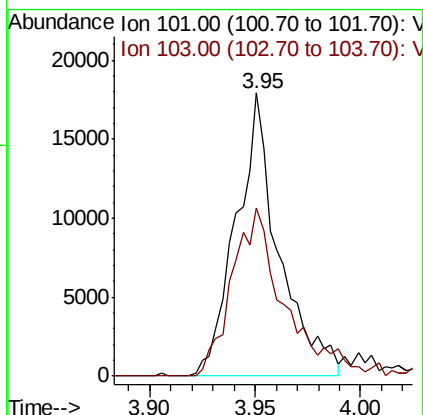
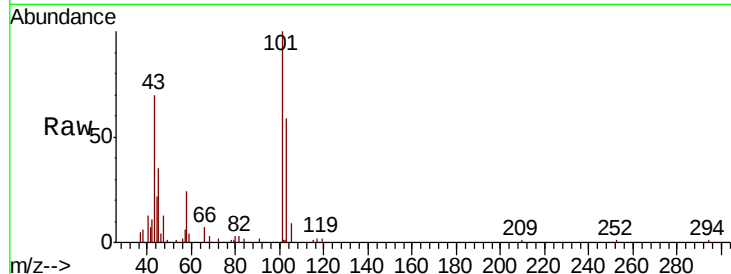
57 61.7 41.4 62.2





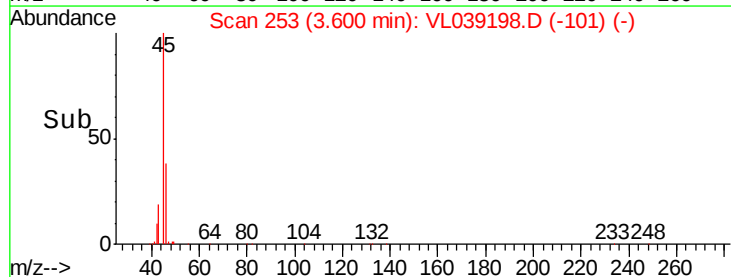
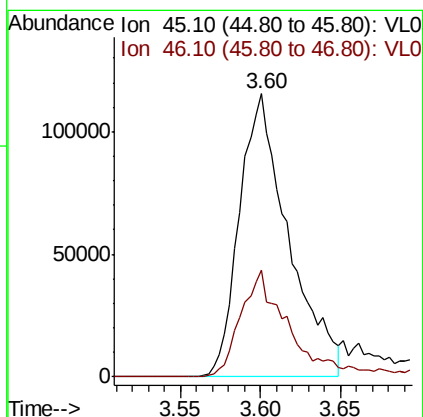
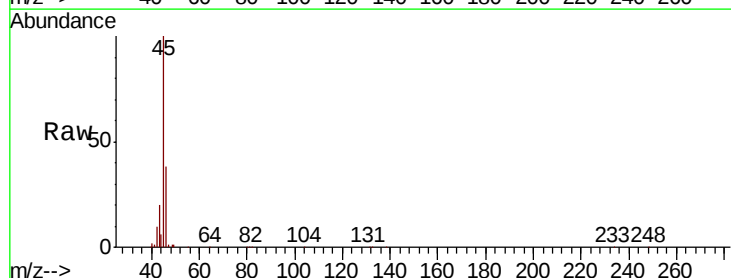
#11
 Trichlorofluoromethane
 Concen: 0.129 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 00:01

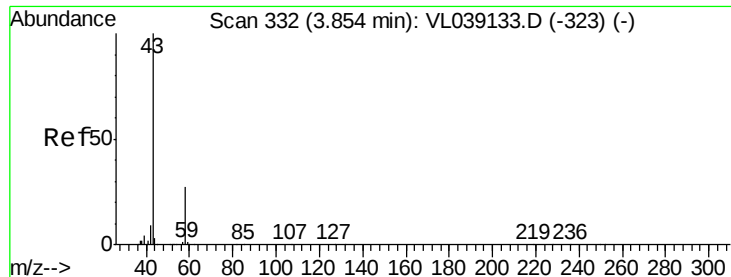
Tot Ion: 101 Resp: 25233
 Ion Ratio Lower Upper
 101 100
 103 59.2 51.7 77.5



#13
 Ethanol
 Concen: 65.082 ppbv
 RT: 3.60 min Scan# 253
 Delta R.T.: -0.01 min
 Lab File: VL039198.D
 Acq: 7 Jun 2022 00:01

Tgt Ion: 45 Resp: 243090
 Ion Ratio Lower Upper
 45 100
 46 40.0 0.0 0.0#





#15

Acetone

Concen: 8.414 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

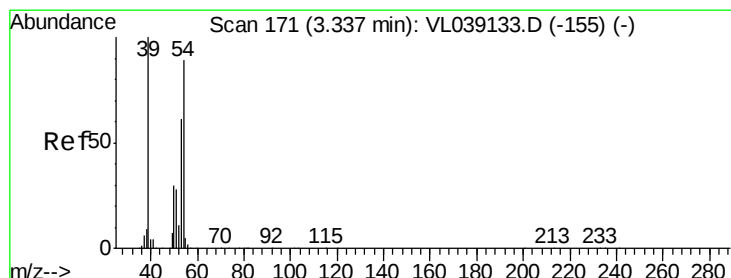
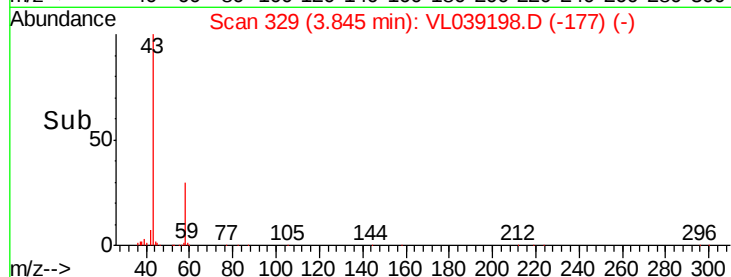
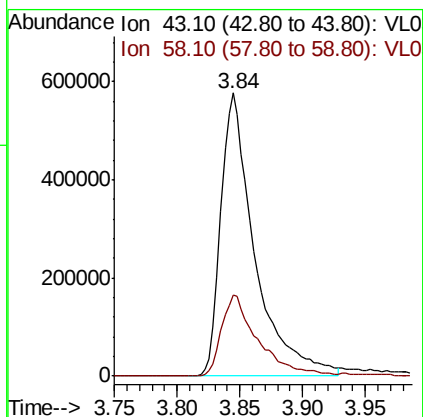
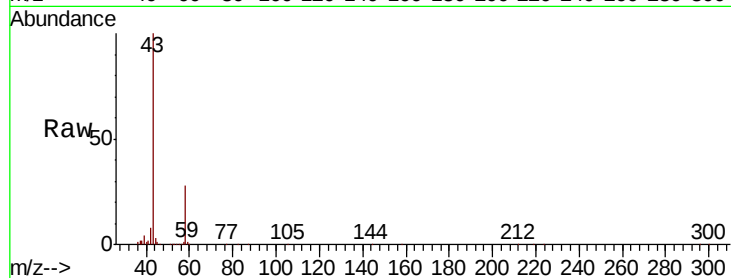
Acq: 7 Jun 2022 00:01

Tot Ion: 43 Resp: 1081971

Ion Ratio Lower Upper

43 100

58 32.2 22.5 33.7



#16

1,3-Butadiene

Concen: 0.604 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.03 min

Lab File: VL039198.D

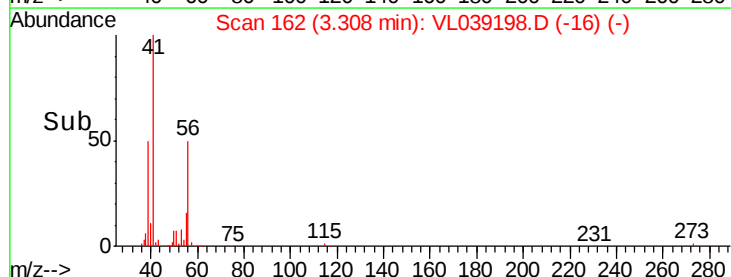
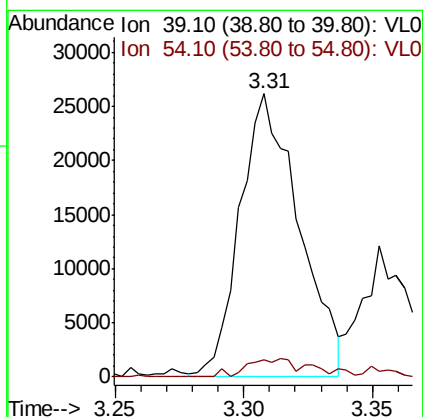
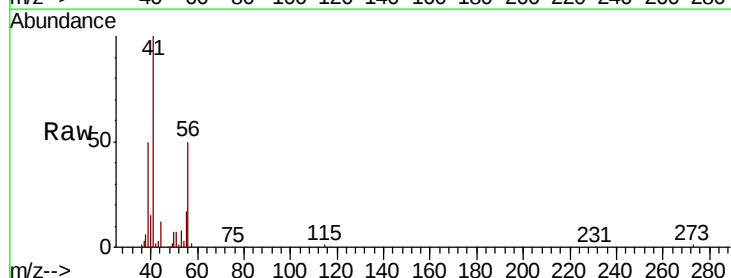
Acq: 7 Jun 2022 00:01

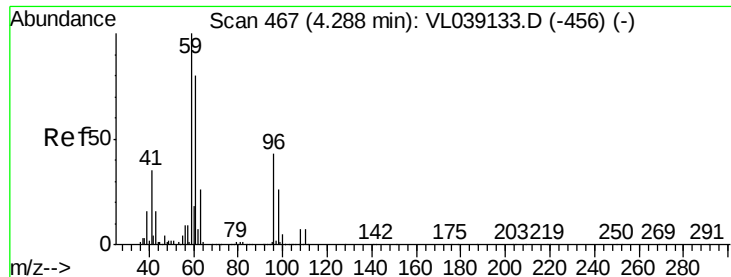
Tgt Ion: 39 Resp: 41787

Ion Ratio Lower Upper

39 100

54 7.0 65.8 98.6#





#17

tert-Butyl alcohol

Concen: 0.538 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

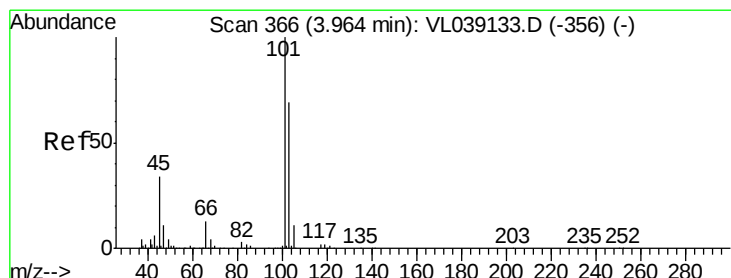
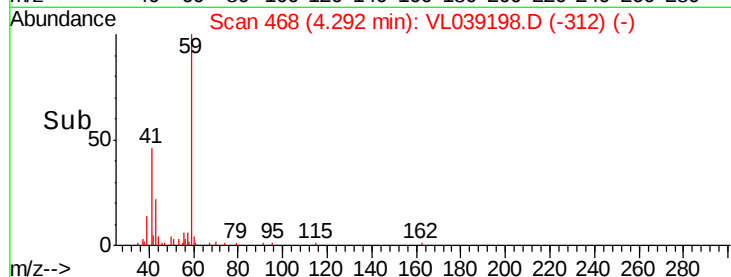
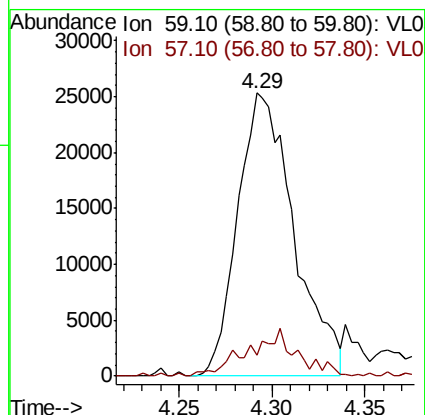
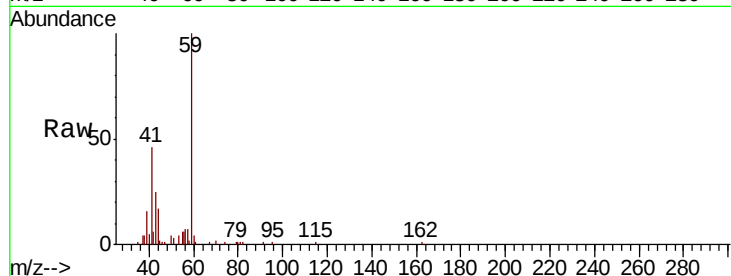
Acq: 7 Jun 2022 00:01

Tot Ion: 59 Resp: 53663

Ion Ratio Lower Upper

59 100

57 14.6 9.1 13.7#



#19

Isopropyl Alcohol

Concen: 0.374 ppbv

RT: 3.96 min Scan# 366

Delta R.T. -0.00 min

Lab File: VL039198.D

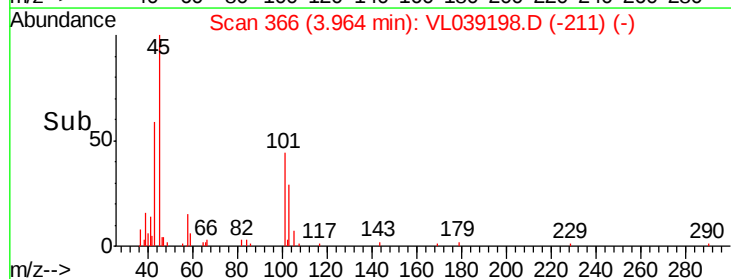
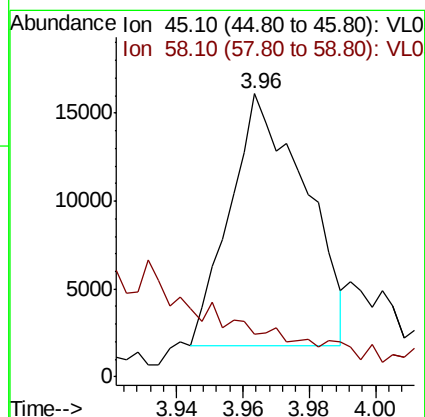
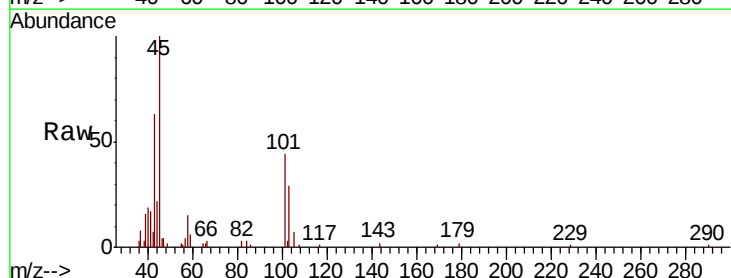
Acq: 7 Jun 2022 00:01

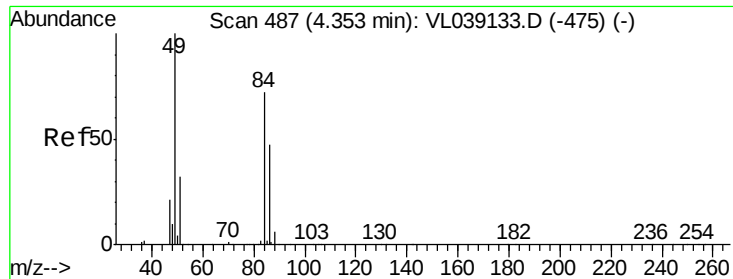
Tgt Ion: 45 Resp: 22586

Ion Ratio Lower Upper

45 100

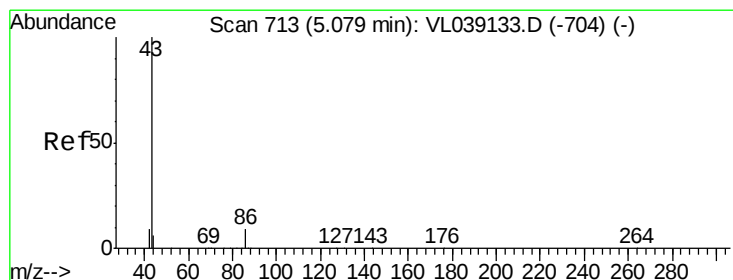
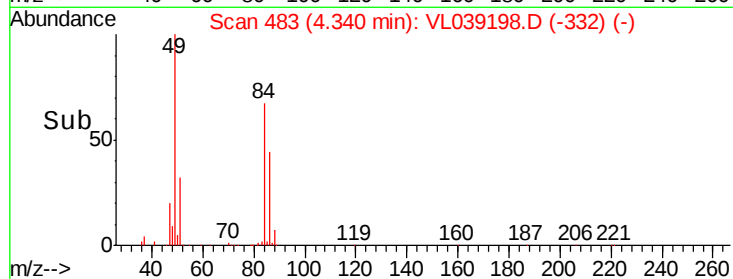
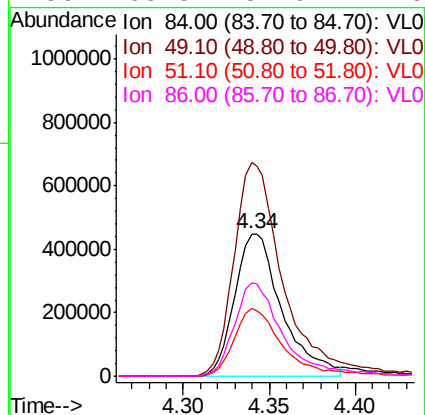
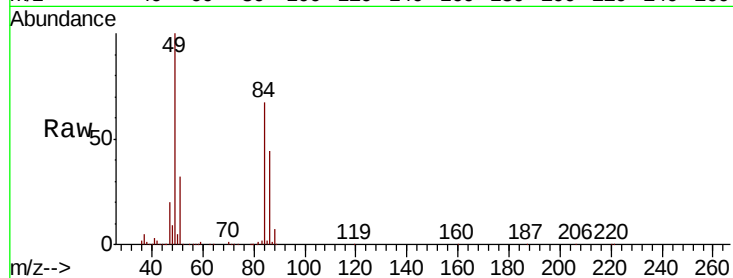
58 1528.0 1.8 2.8#





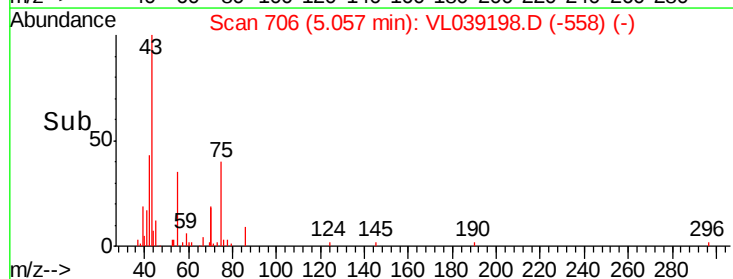
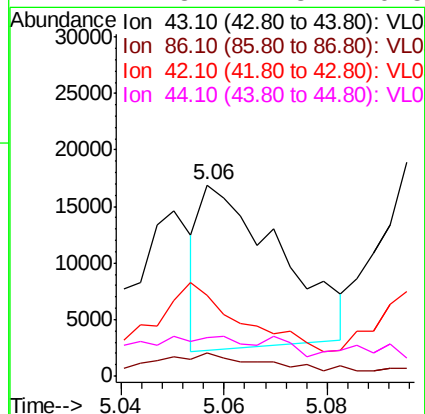
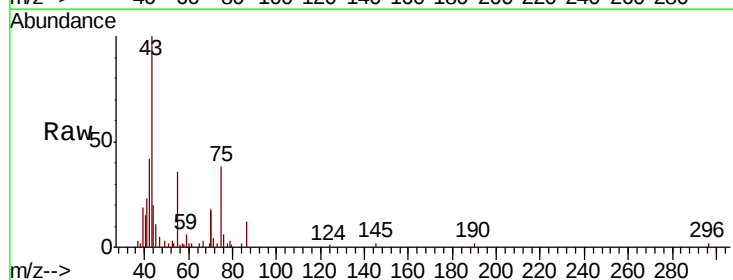
#20
Methvlene Chloride
Concen: 15.728 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 00:01

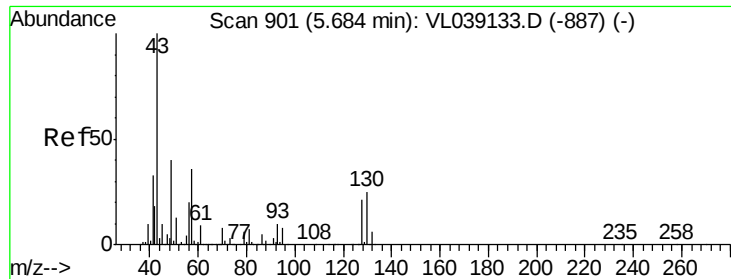
Tot Ion:	84	Resp:	852319
Ion	Ratio	Lower	Upper
84	100		
49	149.7	111.1	166.7
51	47.2	35.3	52.9
86	65.5	51.9	77.9



#23
Vinyl Acetate
Concen: 0.146 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

Tgt Ion:	43	Resp:	15544
Ion	Ratio	Lower	Upper
43	100		
86	11.8	6.0	9.0#
42	49.8	8.2	12.4#
44	12.3	4.3	6.5#

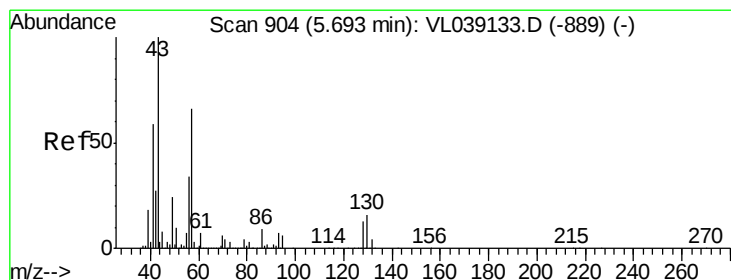
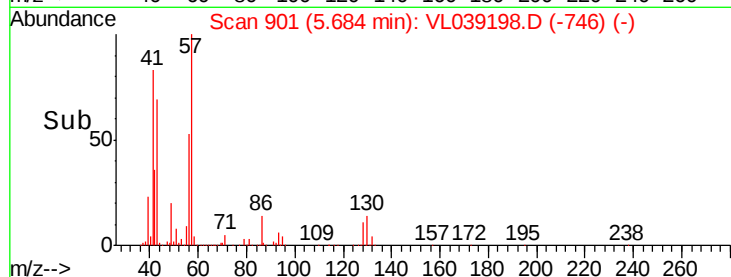
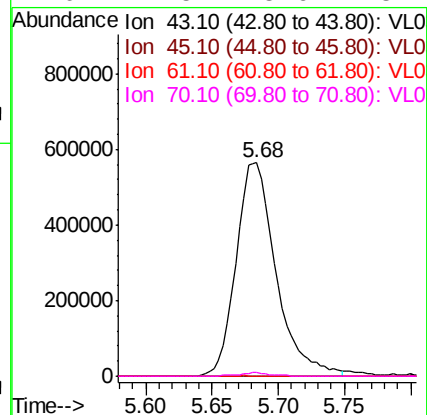
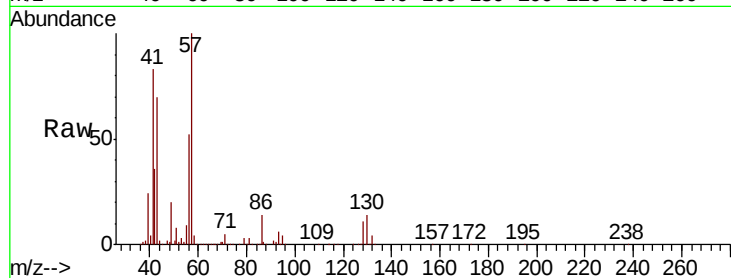




#25
Ethyl Acetate
Concen: 4.078 ppbv
RT: 5.68 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 00:01

Tot Ion: 43 Resp: 1181799

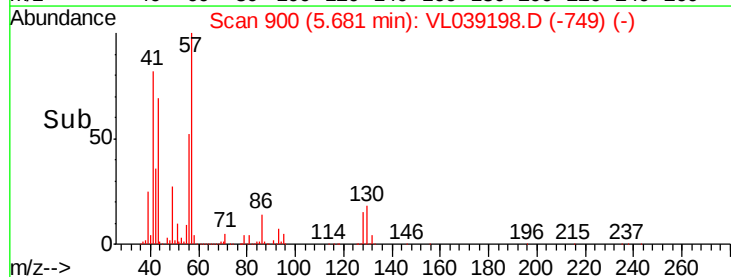
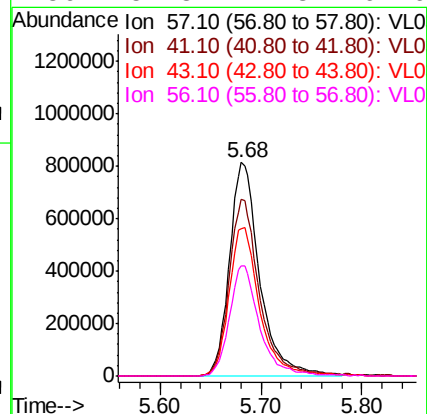
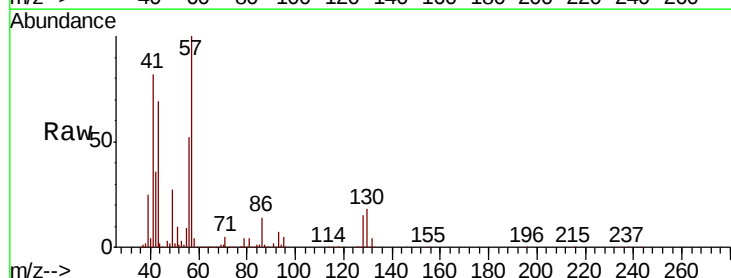
Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.2	12.2#
61	0.3	8.4	12.6#
70	1.5	5.6	8.4#

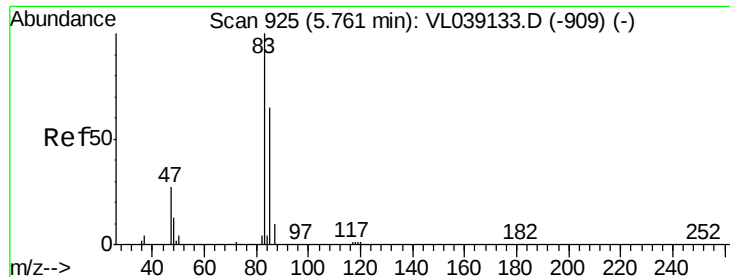


#26
Hexane
Concen: 13.395 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

Tgt Ion: 57 Resp: 1706079

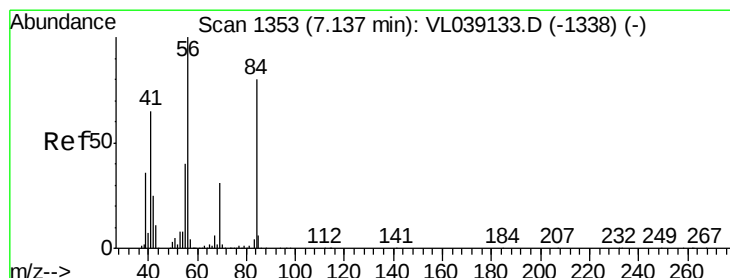
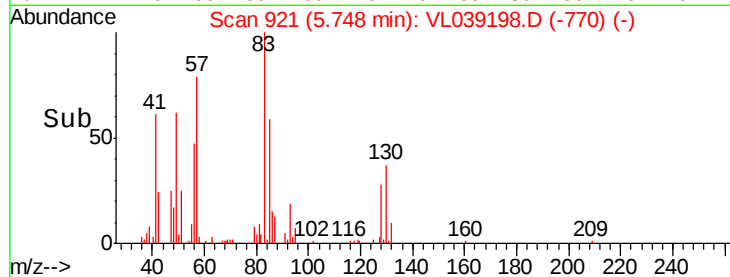
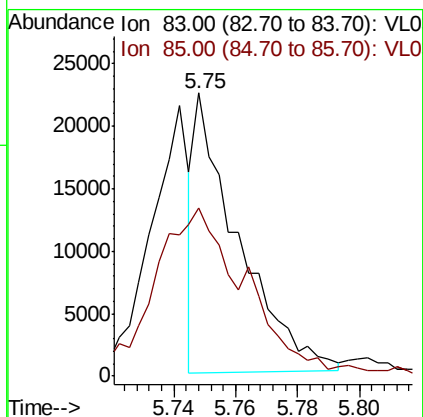
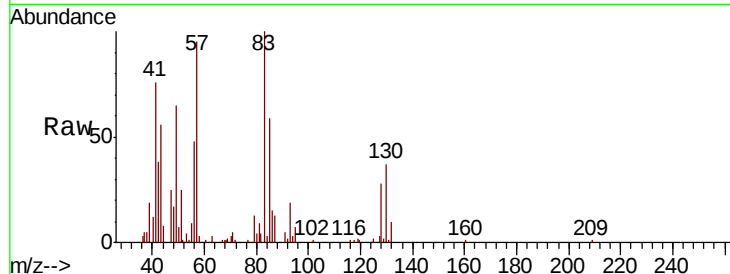
Ion	Ratio	Lower	Upper
57	100		
41	84.1	72.4	108.6
43	70.7	187.0	280.6#
56	51.8	41.8	62.6





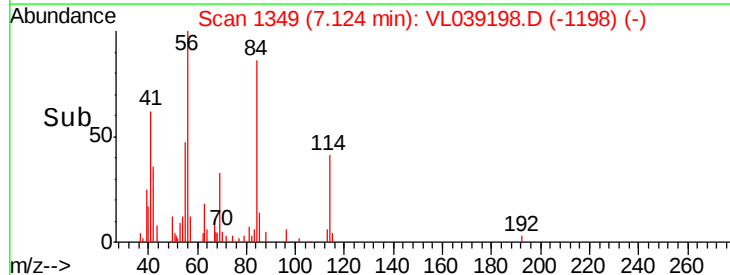
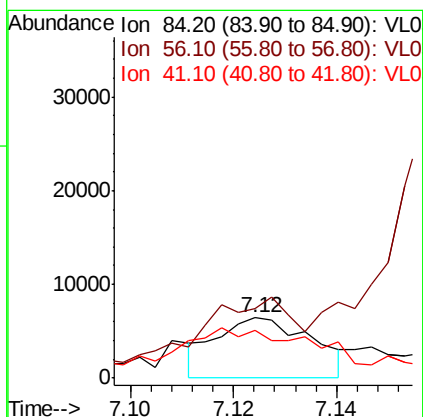
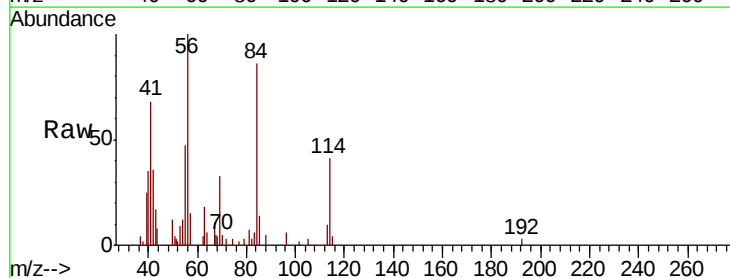
#29
Chloroform
Concen: 0.101 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 00:01

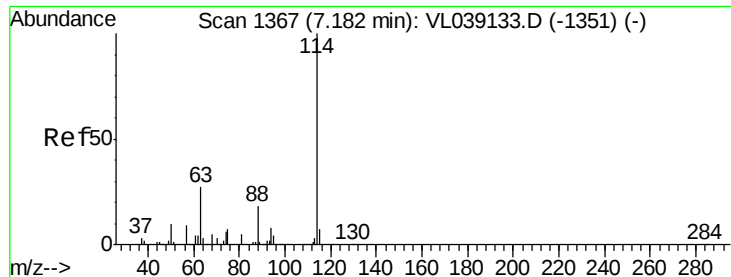
Tot Ion: 83 Resp: 21703
Ion Ratio Lower Upper
83 100
85 59.0 52.4 78.6



#30
Cyclohexane
Concen: 0.077 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

Tgt Ion: 84 Resp: 8257
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 128.4 68.9 103.3#

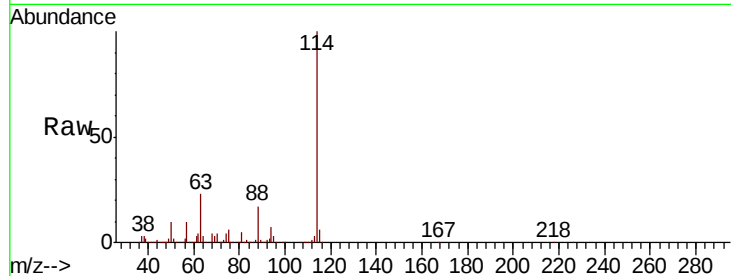




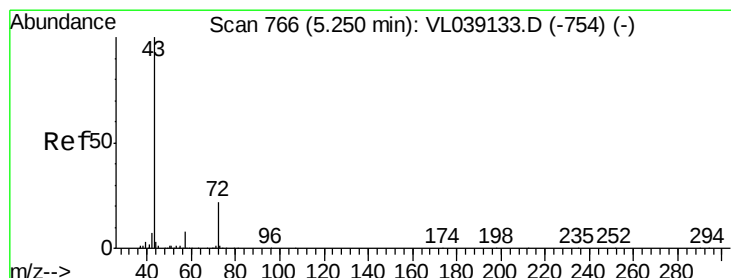
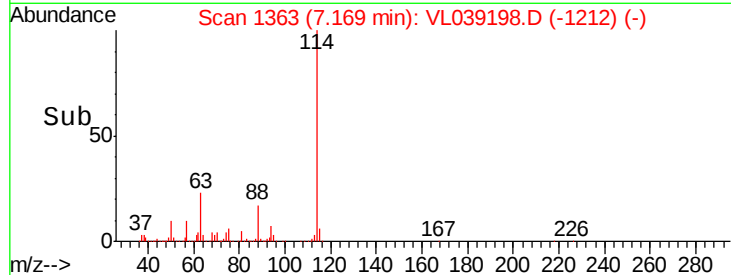
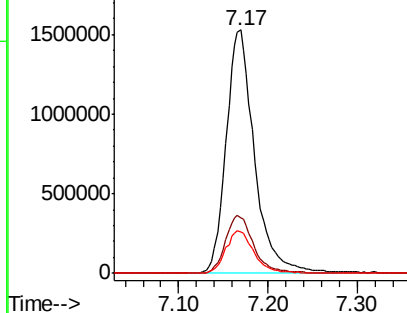
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 00:01

Tot Ion: 114 Resp: 3358670

Ion	Ratio	Lower	Upper
114	100		
63	23.8	21.7	32.5
88	17.7	14.8	22.2



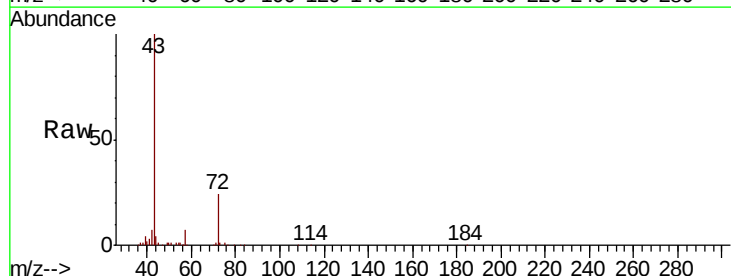
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



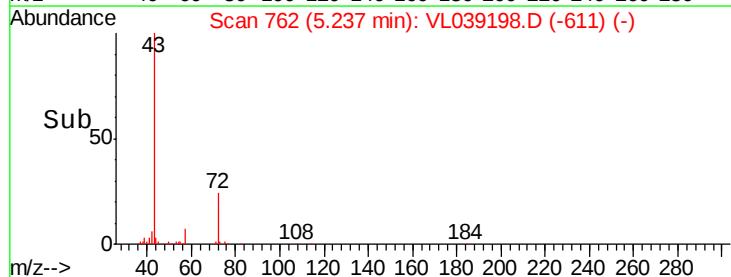
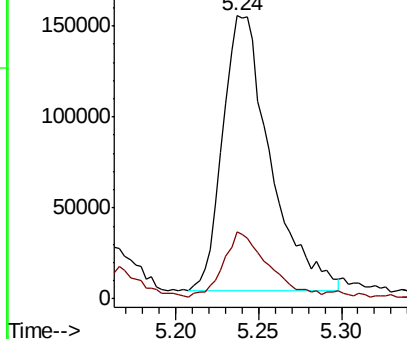
#34
 2-Butanone
 Concen: 1.665 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T.: -0.01 min
 Lab File: VL039198.D
 Acq: 7 Jun 2022 00:01

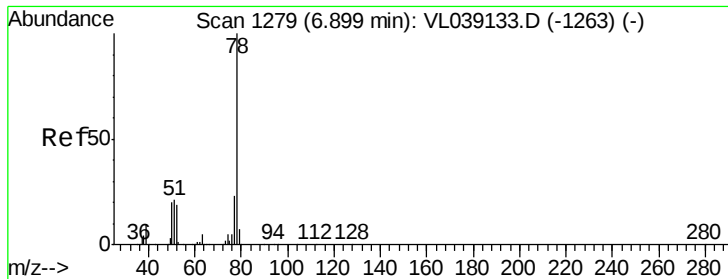
Tgt Ion: 43 Resp: 303846

Ion	Ratio	Lower	Upper
43	100		
72	25.7	18.2	27.2



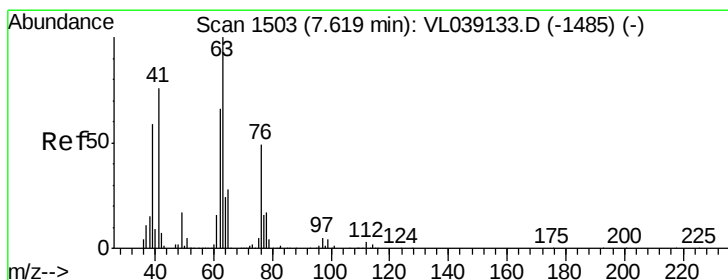
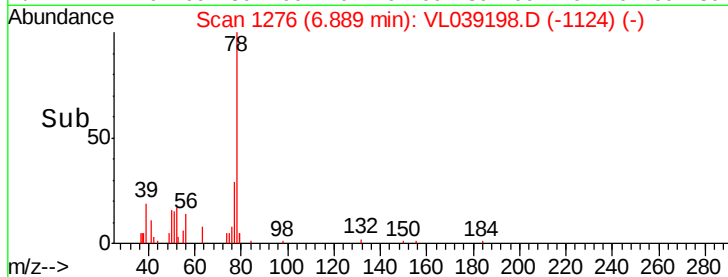
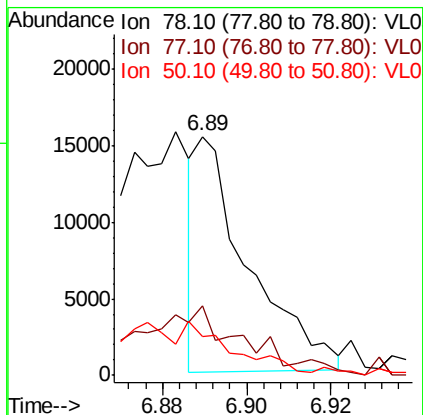
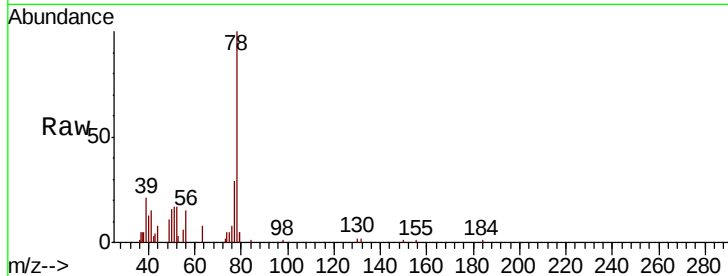
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





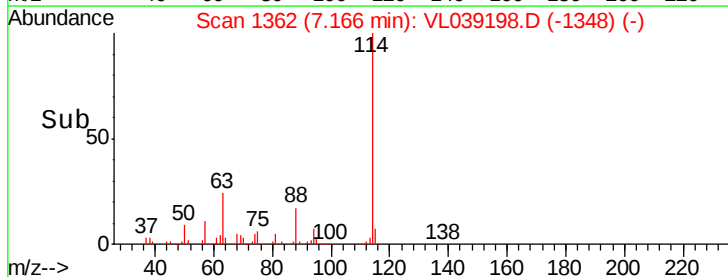
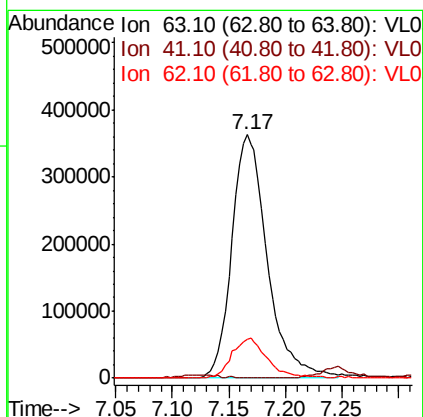
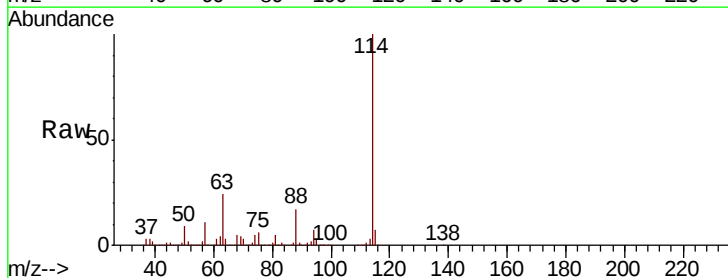
#36
Benzene
Concen: 0.048 ppbv
RT: 6.89
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 00:01

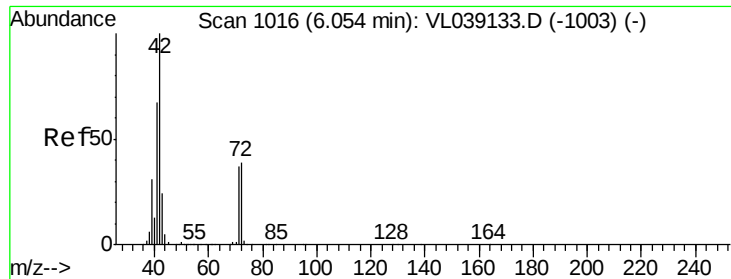
Tot Ion	78	Resp	13102
Ion Ratio	Lower	Upper	
78	100		
77	29.2	18.6	27.8#
50	15.6	15.8	23.8#



#39
1,2-Dichloropropane
Concen: 7.300 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

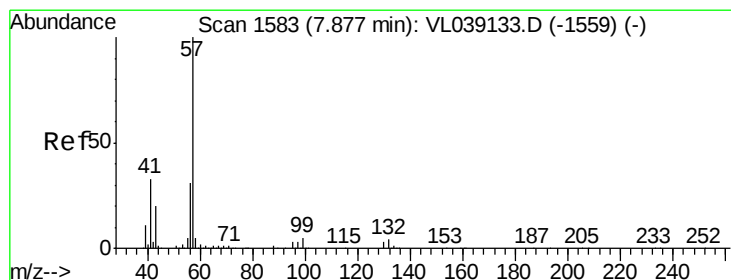
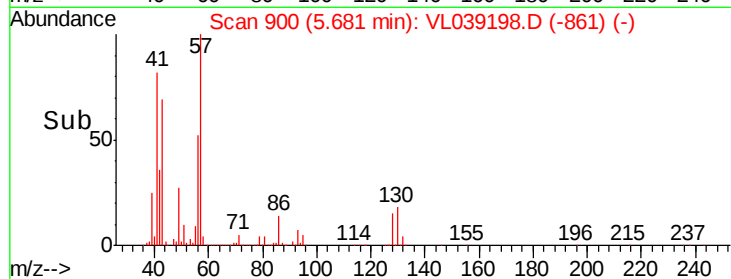
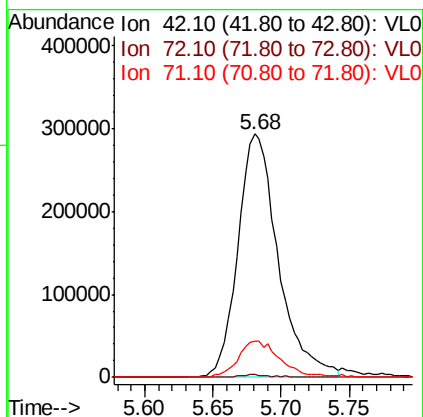
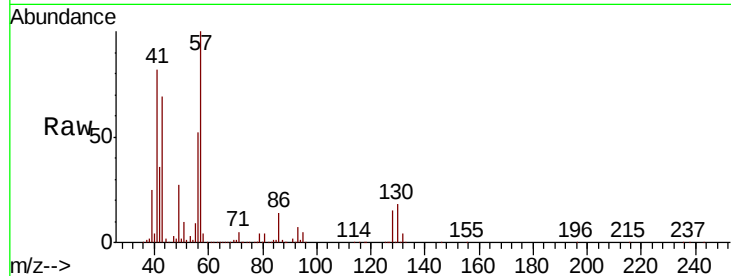
Tgt Ion	63	Resp	791743
Ion Ratio	Lower	Upper	
63	100		
41	0.0	60.8	91.2#
62	15.7	52.9	79.3#





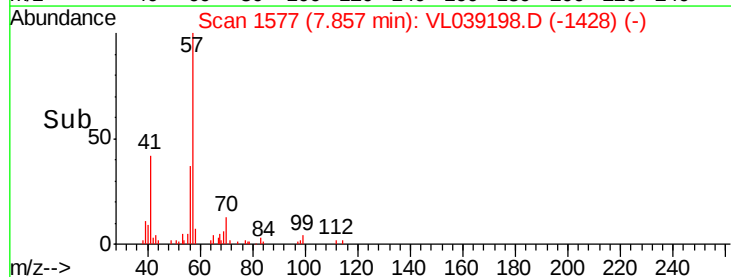
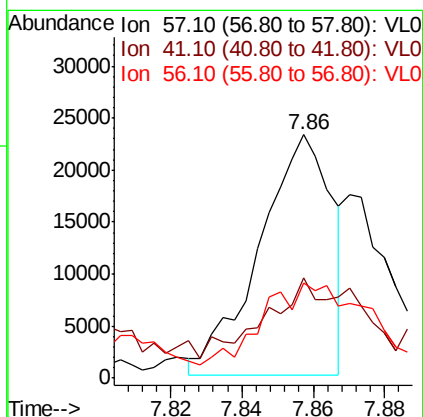
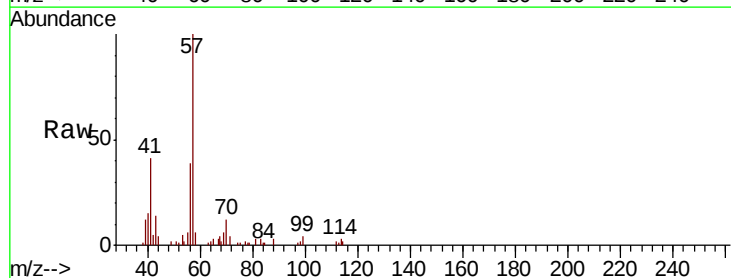
#41
Tetrahydrofuran
Concen: 5.495 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 00:01

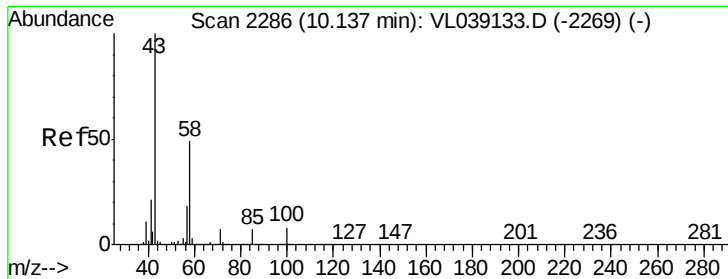
Tot Ion	Ratio	Lower	Upper
42	100		
72	1.1	32.0	48.0#
71	16.0	31.1	46.7#



#44
2,2,4-Trimethylpentane
Concen: 0.068 ppbv
RT: 7.86 min Scan# 1577
Delta R.T.: -0.02 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

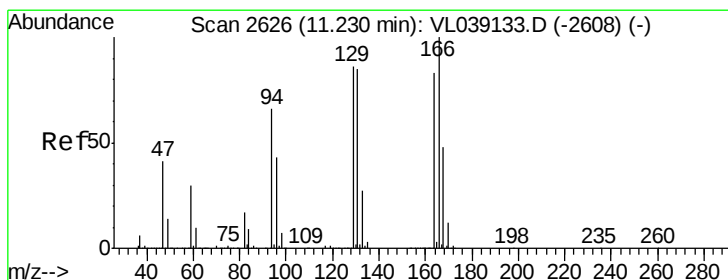
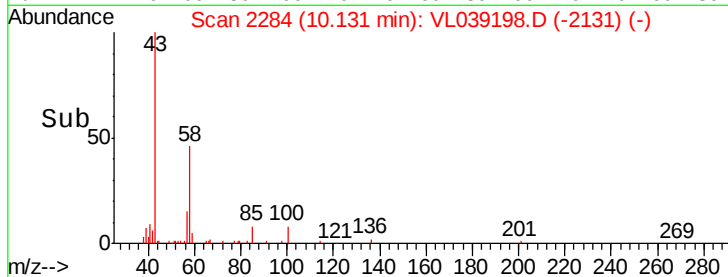
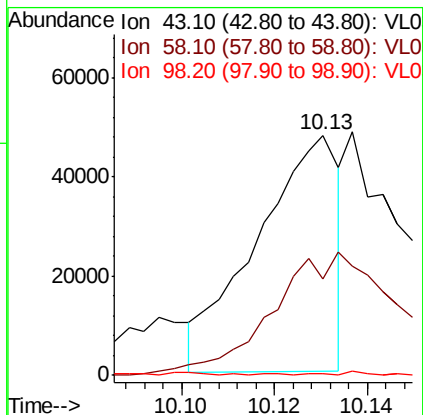
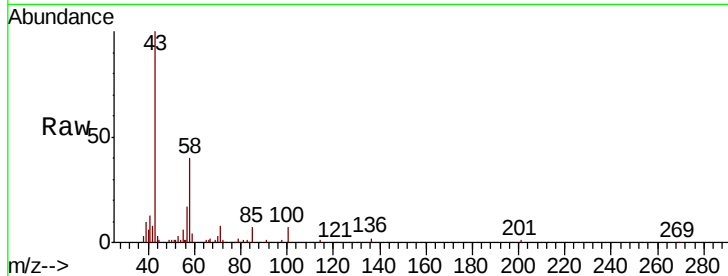
Tgt Ion	Ratio	Lower	Upper
57	100		
41	59.9	26.2	39.4#
56	70.8	24.7	37.1#





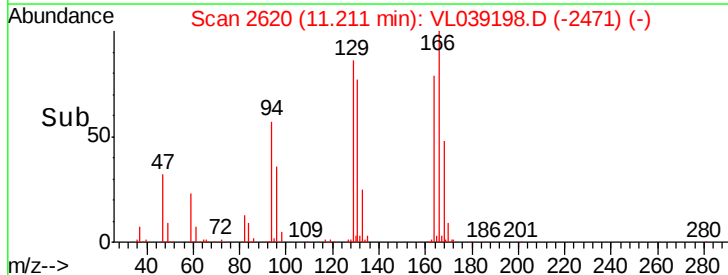
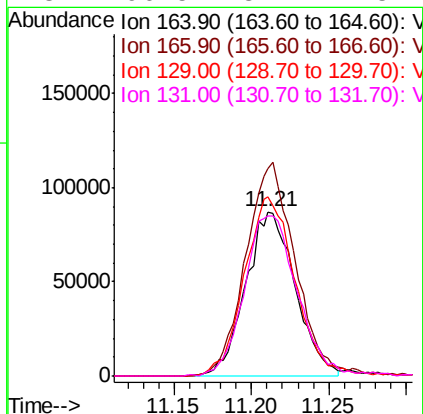
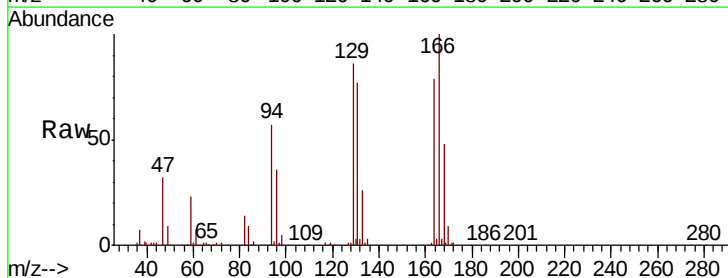
#51
2-Hexanone
Concen: 0.277 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 00:01

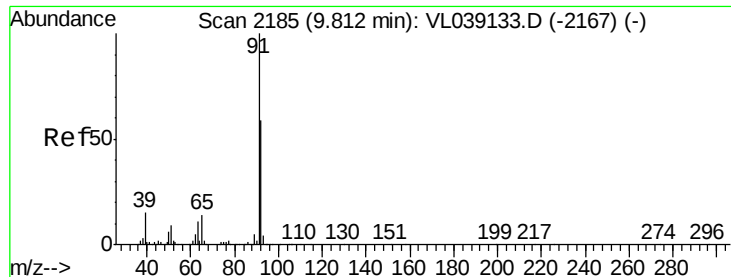
Tot Ion	Ratio	Lower	Upper
43	100		
58	95.0	40.0	60.0#
98	0.0	0.1	0.1#



#52
Tetrachloroethene
Concen: 1.820 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	96.3	144.5
129	109.3	82.5	123.7
131	96.5	82.1	123.1





#53

Toluene

Concen: 1.182 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

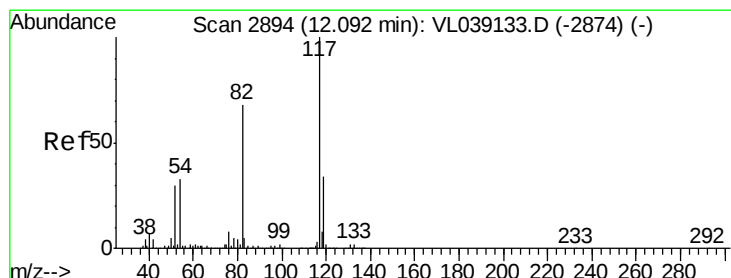
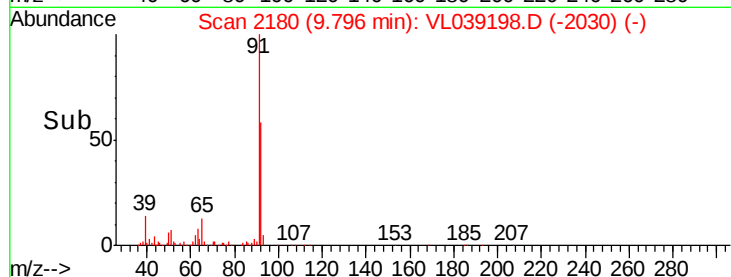
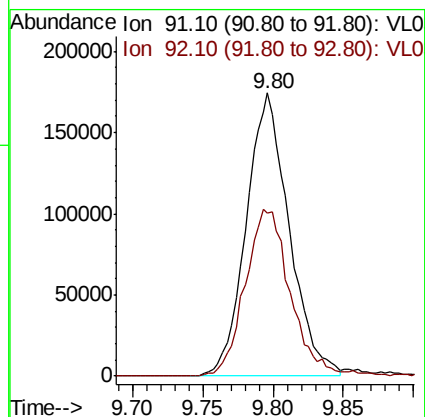
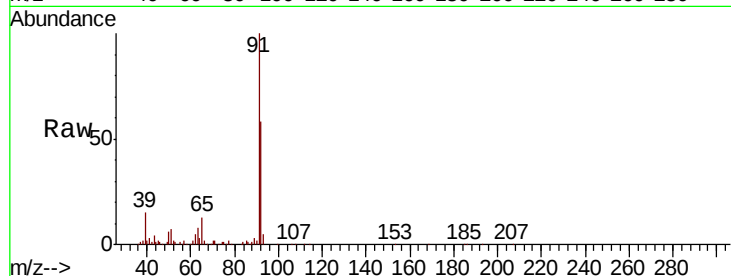
Acq: 7 Jun 2022 00:01

Tot Ion: 91 Resp: 371253

Ion Ratio Lower Upper

91 100

92 62.3 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL039198.D

Acq: 7 Jun 2022 00:01

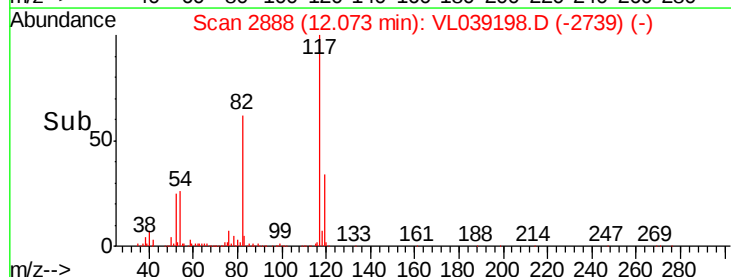
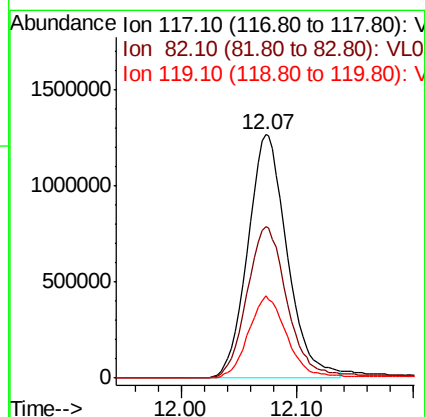
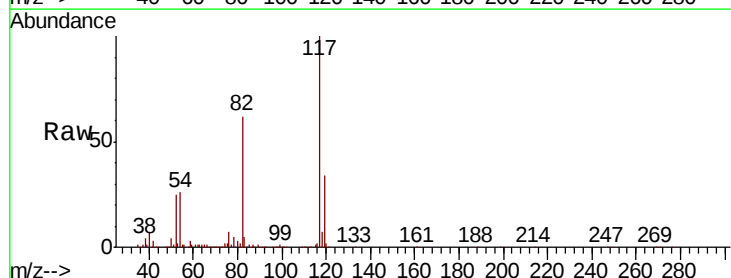
Tgt Ion: 117 Resp: 2998462

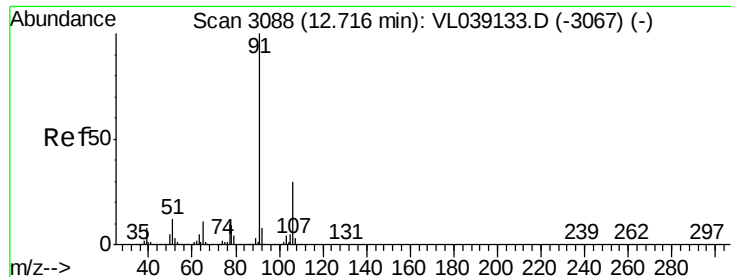
Ion Ratio Lower Upper

117 100

82 66.6 55.1 82.7

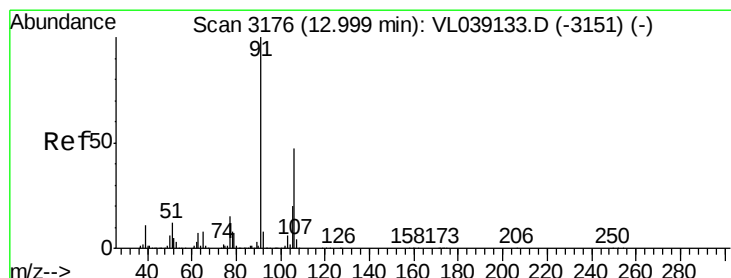
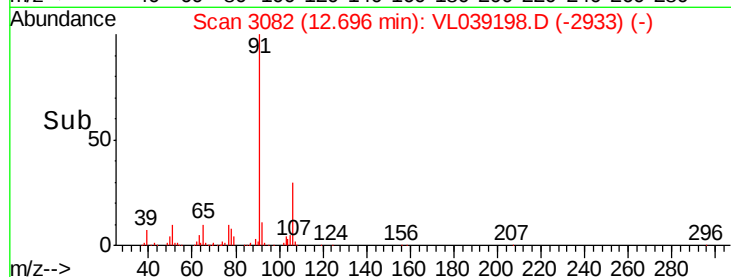
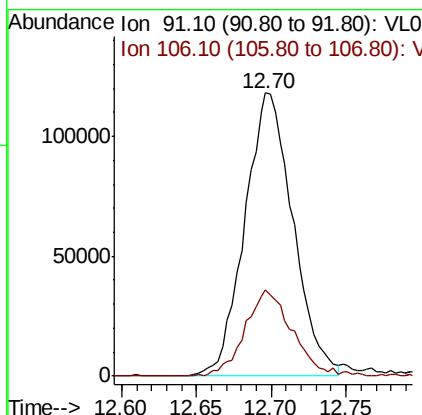
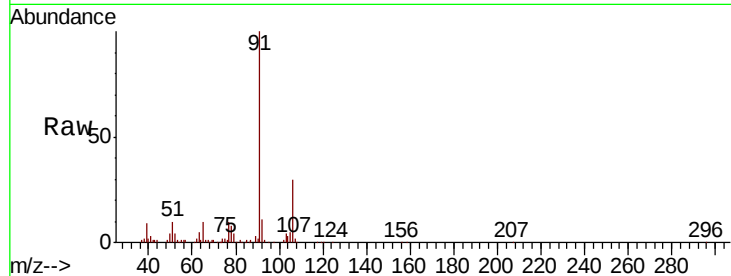
119 34.0 24.7 37.1





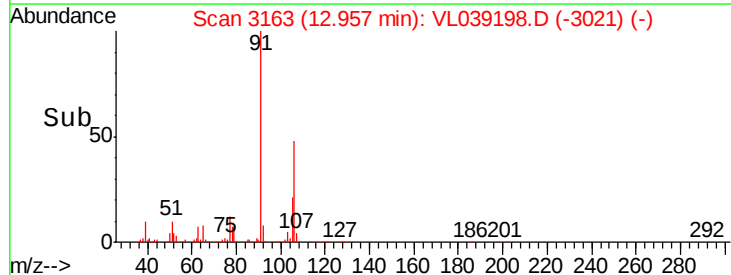
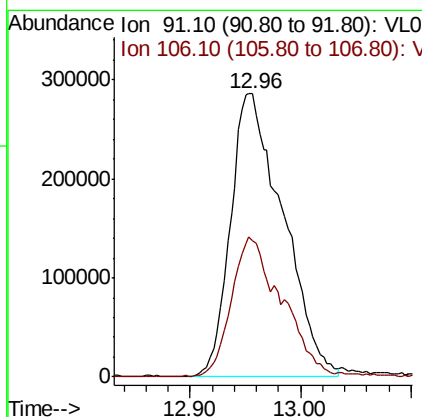
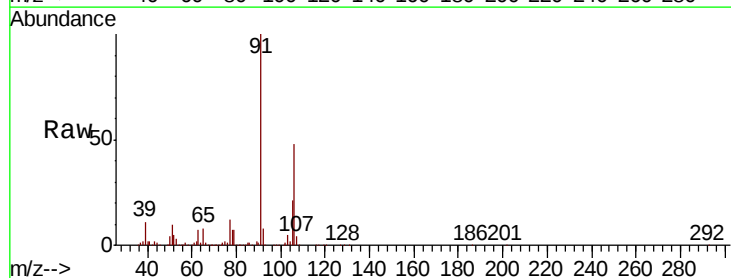
#58
Ethyl Benzene
Concen: 0.636 ppbv
RT: 12.70 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 00:01

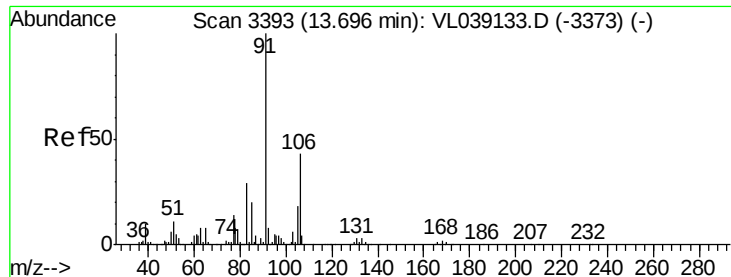
Tot Ion: 91 Resp: 262821
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#59
m/p-Xylene
Concen: 2.565 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

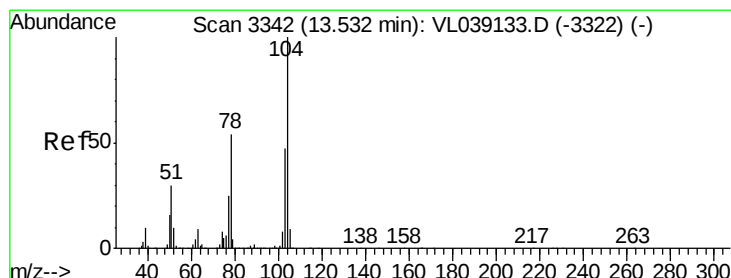
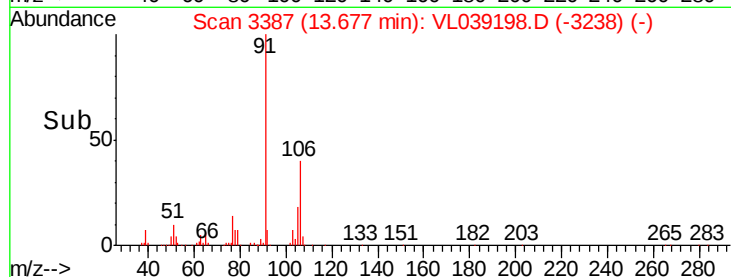
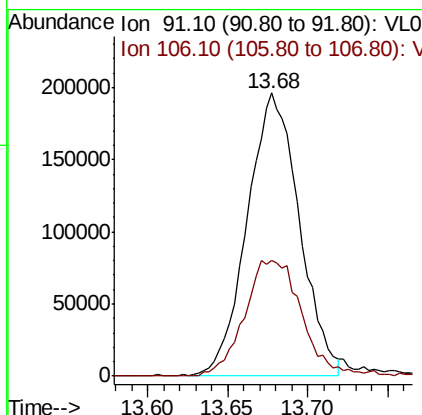
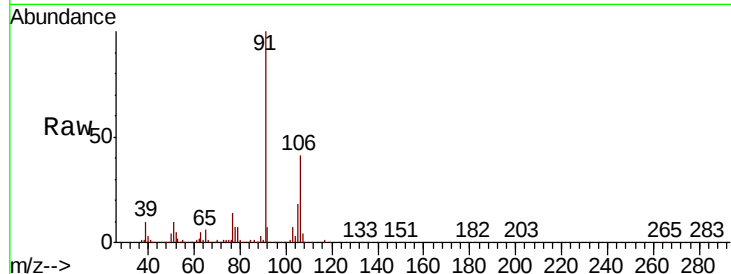
Tgt Ion: 91 Resp: 932987
Ion Ratio Lower Upper
91 100
106 49.0 34.3 51.5





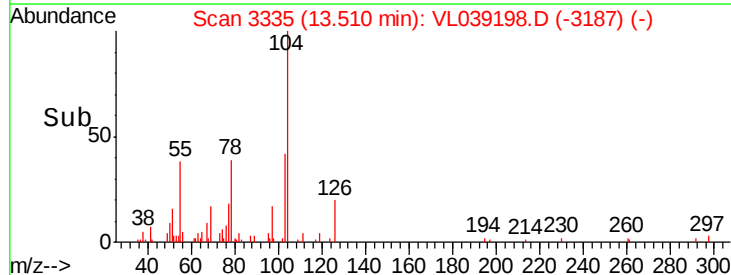
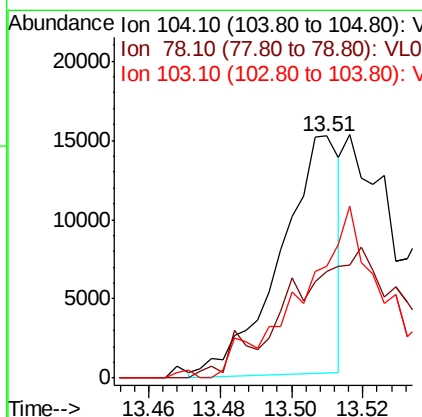
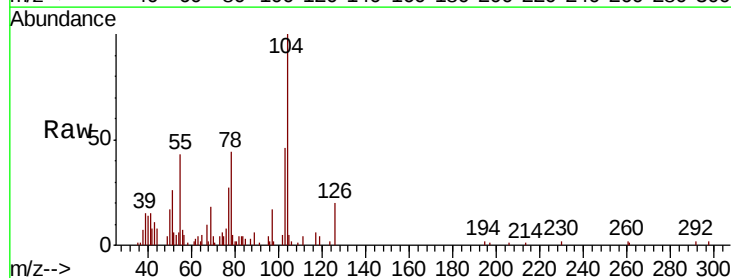
#60
o-Xylene
Concen: 1.278 ppbv
RT: 13.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 00:01

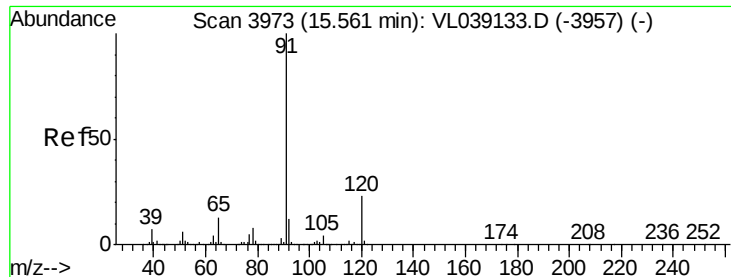
Tot Ion: 91 Resp: 436812
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.9



#61
Styrene
Concen: 0.094 ppbv
RT: 13.51 min Scan# 3335
Delta R.T. -0.02 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

Tgt Ion:104 Resp: 17246
Ion Ratio Lower Upper
104 100
78 0.0 45.7 68.5#
103 0.0 39.6 59.4#





#64

n-propylbenzene

Concen: 0.121 ppbv

RT: 15.54

Delta R.T. MSVOA_L

Lab File:

Acq: 7 Jun 2022 00:01

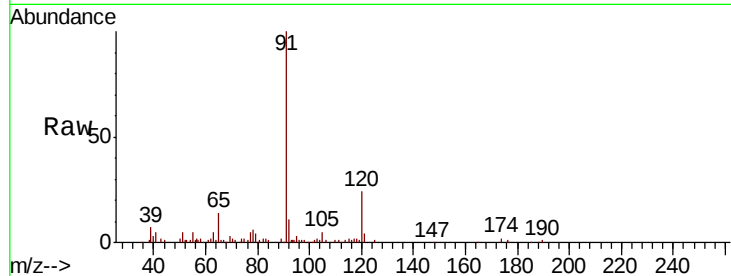
ClientSampleId:

Tot Ion:120 Resp: 15146

Ion Ratio Lower Upper

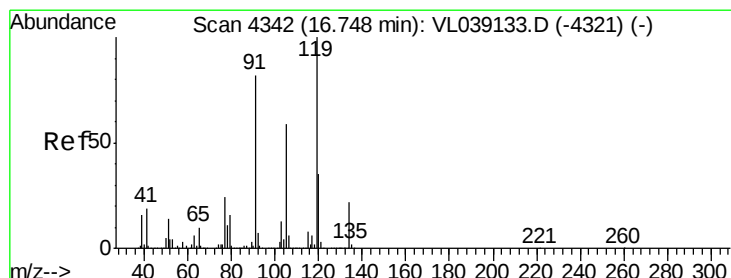
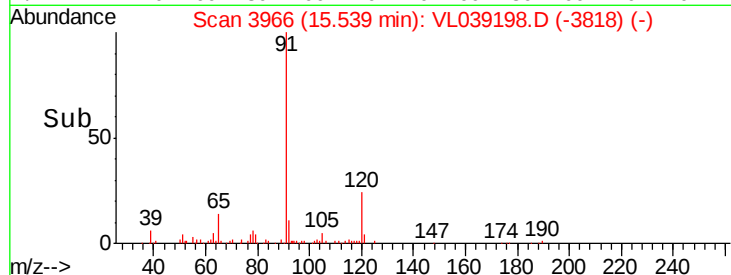
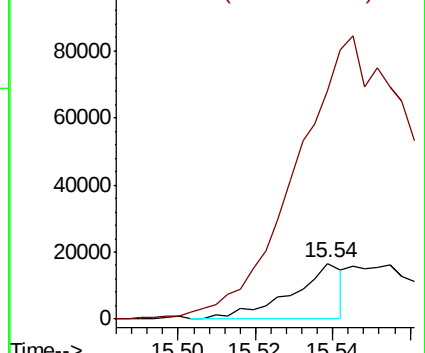
120 100

91 1269.9 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.227 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL039198.D

Acq: 7 Jun 2022 00:01

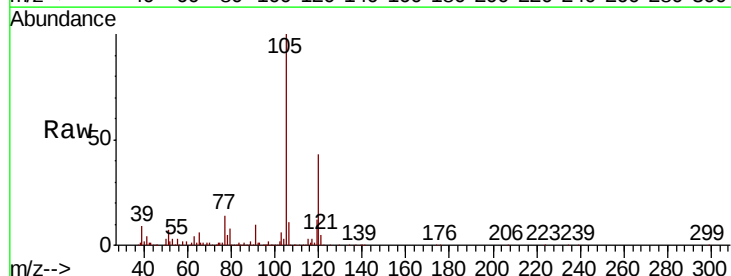
Tgt Ion:119 Resp: 105532

Ion Ratio Lower Upper

119 100

91 99.9 67.1 100.7

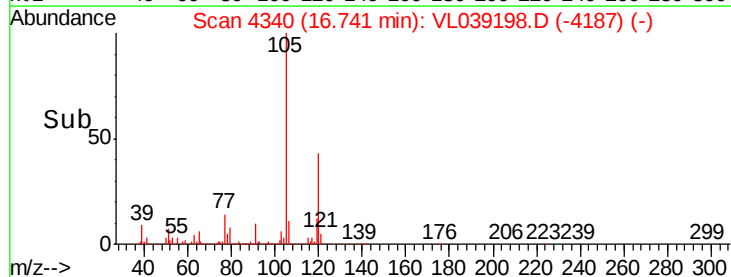
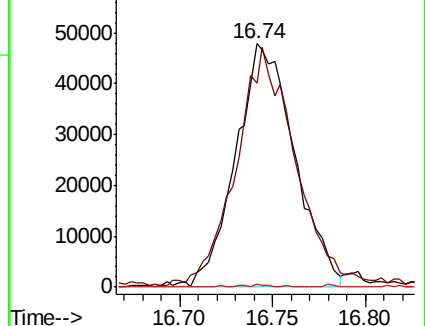
134 0.0 15.8 23.8#

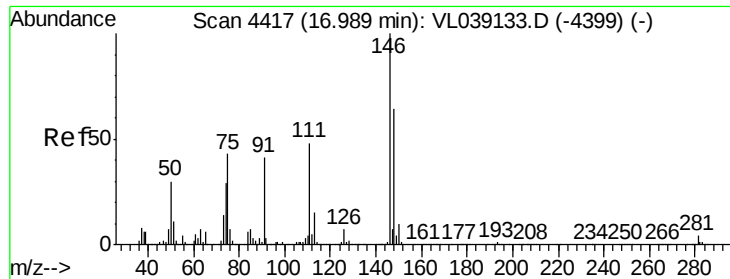


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

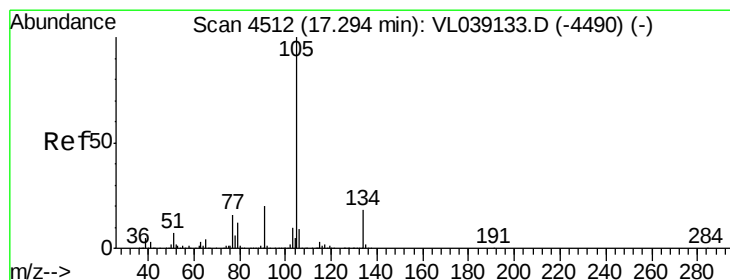
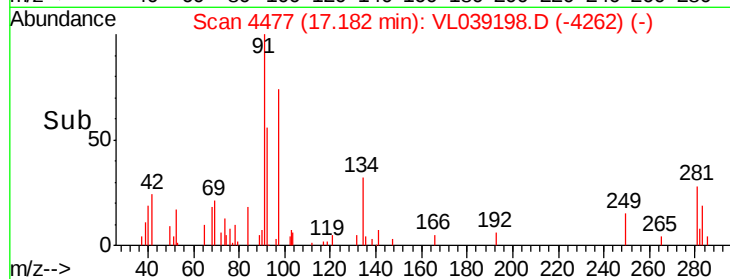
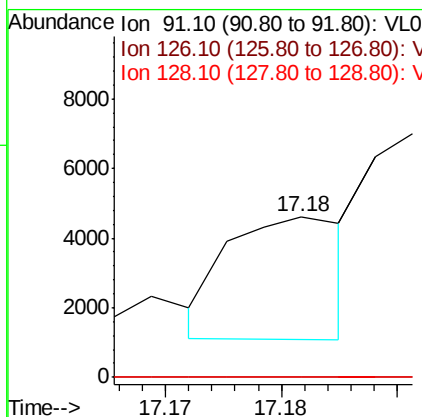
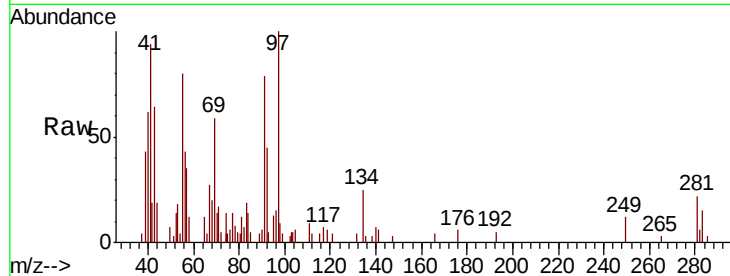
Ion 134.20 (133.90 to 134.90): V





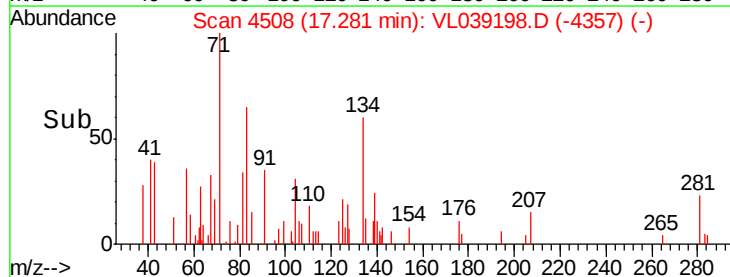
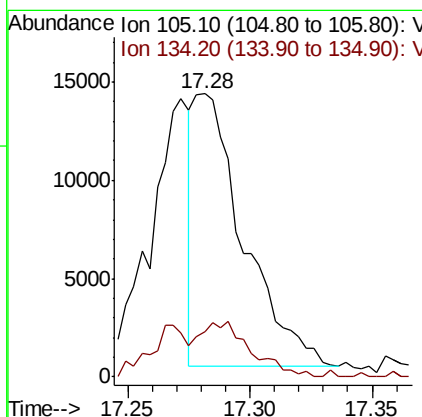
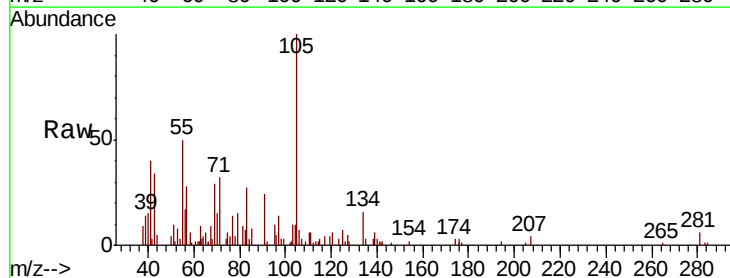
#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 17.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 00:01

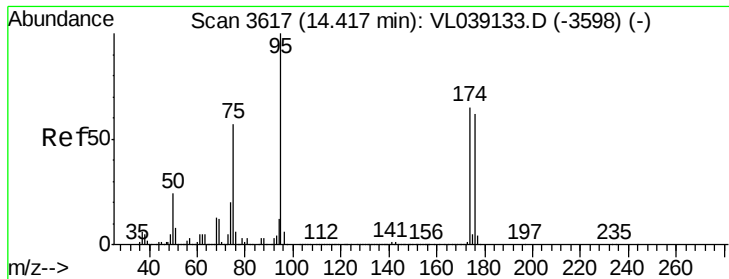
Tot Ion	91	Resp	2483
Ion Ratio	Lower	Upper	
91	100		
126	0.0	13.4	20.0#
128	2.3	4.1	6.1#



#67
sec-Butylbenzene
Concen: 0.030 ppbv
RT: 17.28 min Scan# 4508
Delta R.T.: -0.01 min
Lab File: VL039198.D
Acq: 7 Jun 2022 00:01

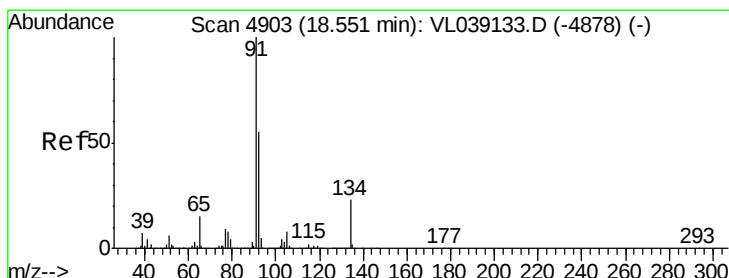
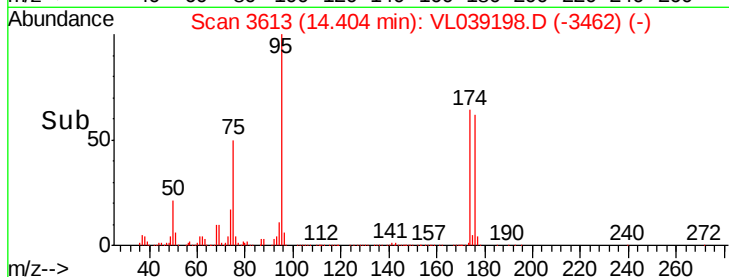
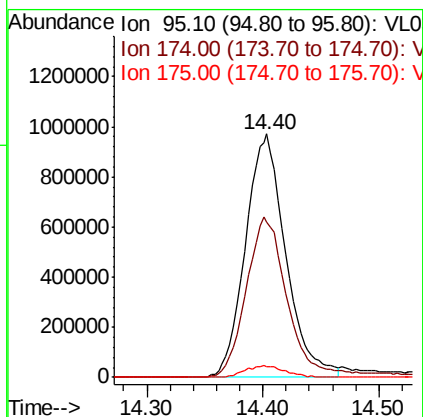
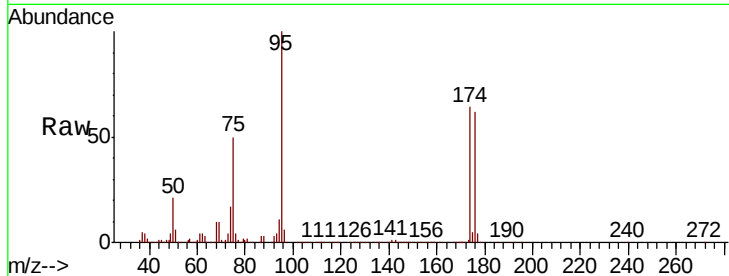
Tgt Ion	105	Resp	19253
Ion Ratio	Lower	Upper	
105	100		
134	37.8	14.4	21.6#





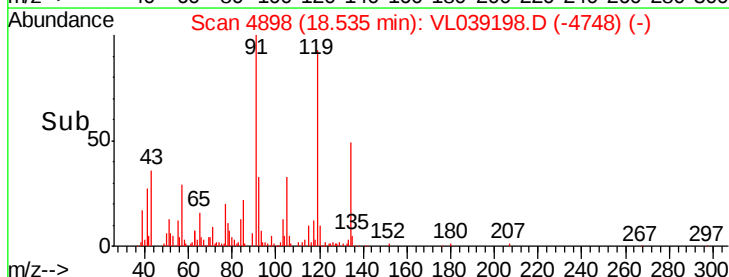
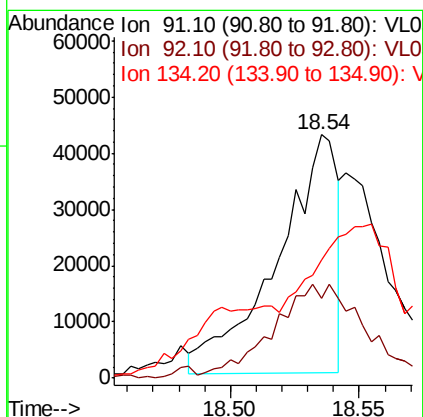
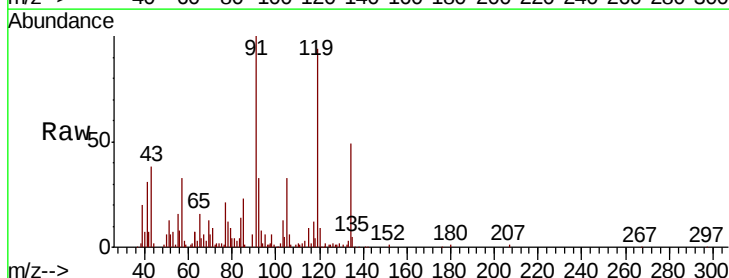
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.434 ppbv
 RT: 14.40 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 00:01

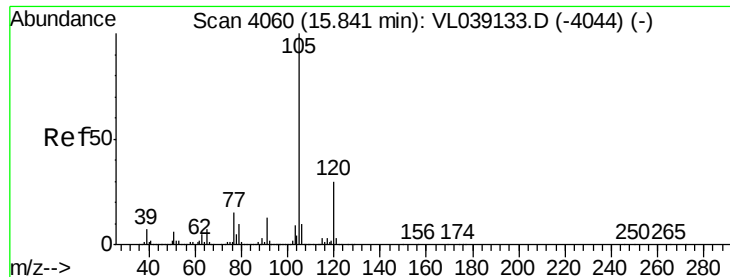
Tot Ion: 95 Resp: 2338697
 Ion Ratio Lower Upper
 95 100
 174 70.4 53.8 80.8
 175 5.0 4.1 6.1



#70
 n-Butylbenzene
 Concen: 0.125 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.02 min
 Lab File: VL039198.D
 Acq: 7 Jun 2022 00:01

Tgt Ion: 91 Resp: 68725
 Ion Ratio Lower Upper
 91 100
 92 64.5 43.6 65.4
 134 0.0 17.7 26.5#





#72

4-Ethyltoluene

Concen: 0.636 ppbv

RT: 15.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 00:01

Tot Ion:105 Resp: 254692

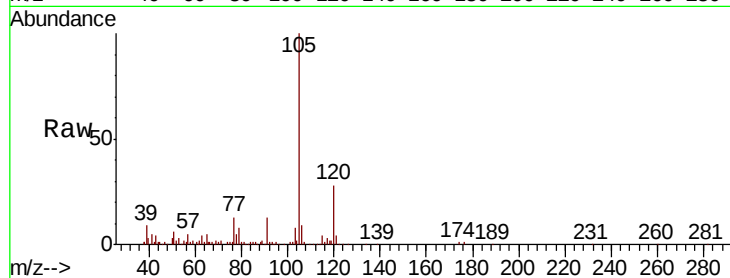
Ion Ratio Lower Upper

105 100

120 30.6 23.9 35.9

91 12.5 10.6 16.0

77 12.9 11.7 17.5

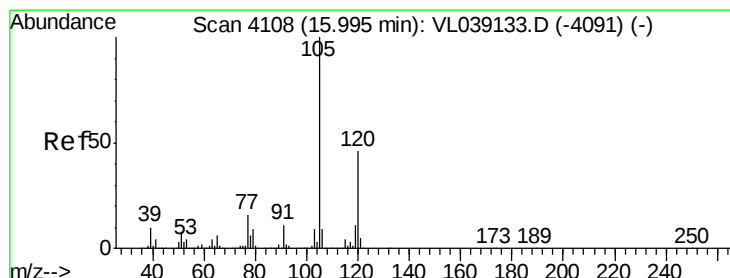
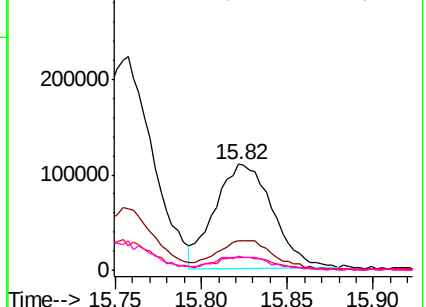
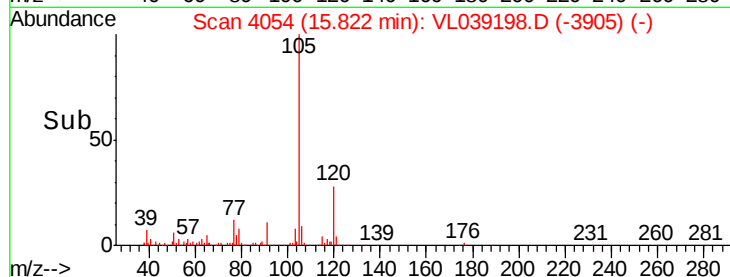


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.453 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.01 min

Lab File: VL039198.D

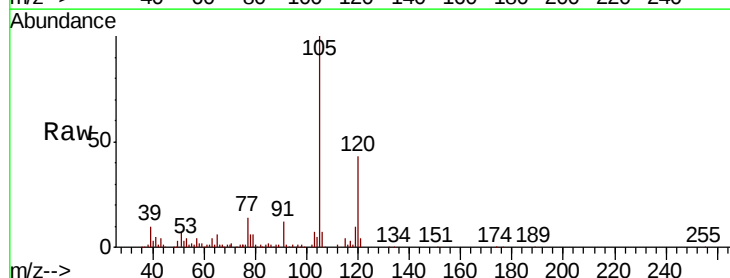
Acq: 7 Jun 2022 00:01

Tgt Ion:105 Resp: 163512

Ion Ratio Lower Upper

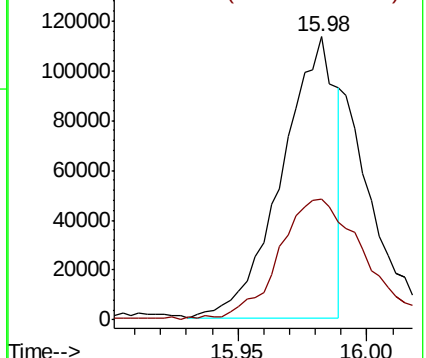
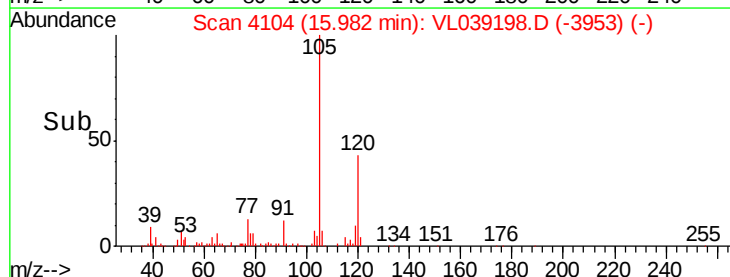
105 100

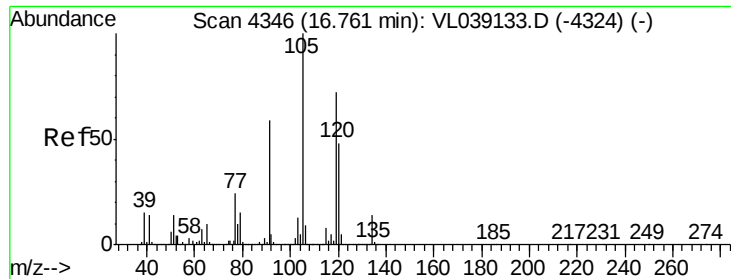
120 42.1 36.7 55.1



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: 2.387 ppbv

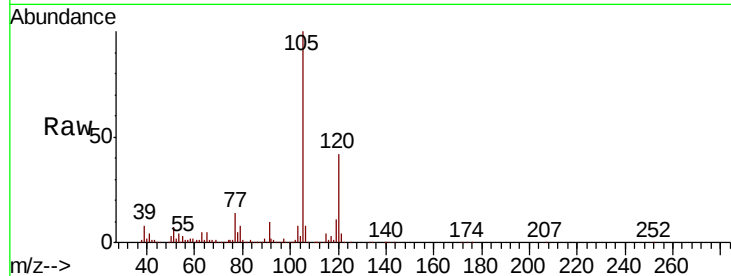
RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 00:01

Tot Ion:	105	Resp:	962317
Ion	Ratio	Lower	Upper
105	100		
120	41.9	38.1	57.1
91	10.4	47.4	71.0#
77	13.7	19.5	29.3#



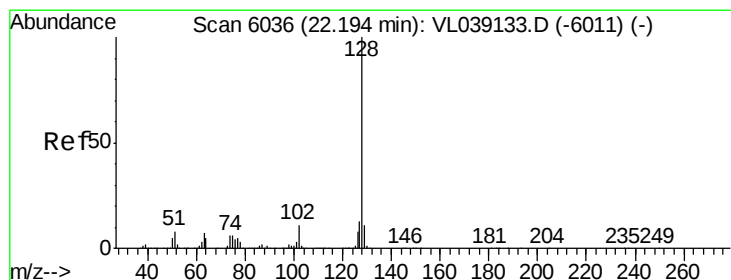
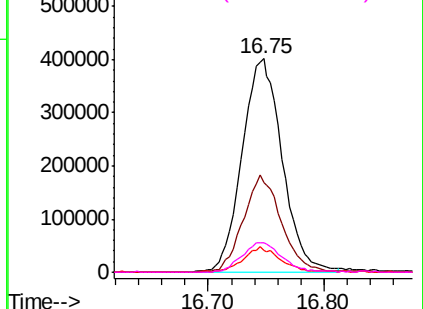
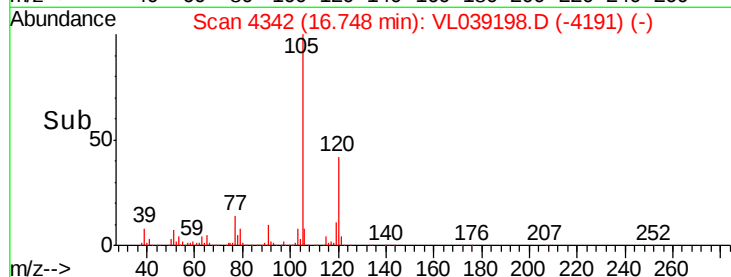
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#79

Naphthalene

Concen: 0.038 ppbv

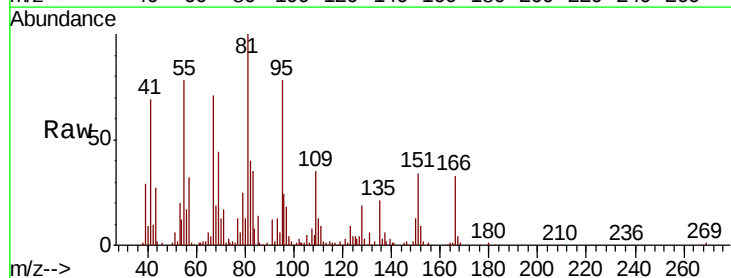
RT: 22.20 min Scan# 6037

Delta R.T. 0.00 min

Lab File: VL039198.D

Acq: 7 Jun 2022 00:01

Tgt Ion:	128	Resp:	11642
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.4	15.6
129	9.7	9.0	13.6

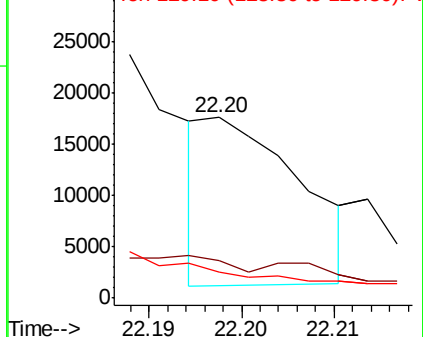
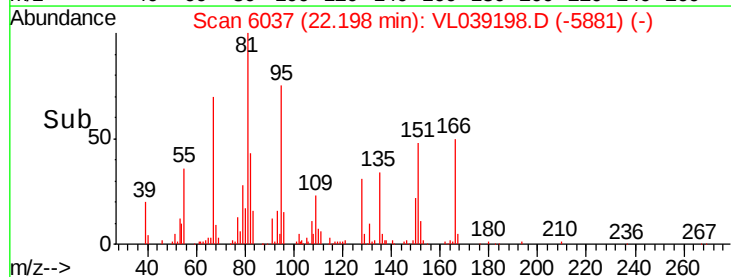


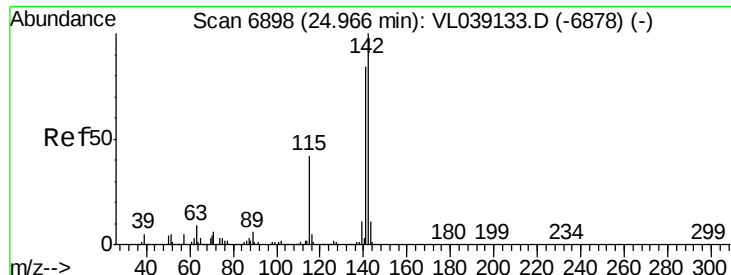
Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

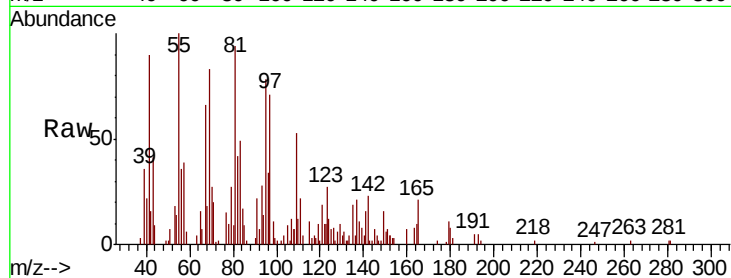
Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.063 ppbv
 RT: 24.96
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 00:01

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	64.6	96.8
115	50.7	32.7	49.1



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

