

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039389.D
 Acq On : 28 Jun 2022 11:52
 Operator : SY/AP
 Sample : N3453-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-2

Quant Time: Jun 29 06:04:11 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	5.65	49	1142333	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3158061	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2708000	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2131503	9.52	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	34352	0.171	ppbv	97
4) Chloromethane	3.14	50	4734	0.063	ppbv #	62
9) Propene	3.20	41	198788	3.137	ppbv	89
10) Heptane	8.10	43	74451	0.504	ppbv	89
11) Trichlorofluoromethane	3.94	101	34795	0.192	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4274	0.036	ppbv #	1
13) Ethanol	3.59	45	419550	121.386	ppbv #	100
15) Acetone	3.83	43	2068840	17.386	ppbv	96
16) 1,3-Butadiene	3.29	39	6768	0.106	ppbv #	66
17) tert-Butyl alcohol	4.29	59	16841	0.182	ppbv #	70
19) Isopropyl Alcohol	3.96	45	10862	0.195	ppbv #	93
20) Methylene Chloride	4.33	84	260229	5.189	ppbv	94
23) Vinyl Acetate	5.05	43	5556	0.056	ppbv #	1
25) Ethyl Acetate	5.67	43	2184471	8.145	ppbv #	75
26) Hexane	5.67	57	3083503	26.162	ppbv #	39
27) Carbon Disulfide	4.54	76	67499	0.553	ppbv #	86
30) Cyclohexane	7.11	84	24347	0.246	ppbv #	1
34) 2-Butanone	5.23	43	122358	0.713	ppbv	93
36) Benzene	6.87	78	263263	1.027	ppbv	96
39) 1,2-Dichloropropane	7.16	63	765783	7.509	ppbv #	23
41) Tetrahydrofuran	6.30	42	14206	0.138	ppbv #	36
44) 2,2,4-Trimethylpentane	7.85	57	24353	0.054	ppbv #	1
51) 2-Hexanone	10.10	43	13479	0.067	ppbv #	28
52) Tetrachloroethene	11.21	164	9555	0.095	ppbv	94
53) Toluene	9.78	91	988490	3.348	ppbv	99
58) Ethyl Benzene	12.69	91	213193	0.572	ppbv #	87
59) m/p-Xylene	12.95	91	694191	2.113	ppbv	94
60) o-Xylene	13.67	91	274858	0.890	ppbv	98
62) Isopropylbenzene	14.64	105	74190	0.162	ppbv	95
64) n-propylbenzene	15.53	120	4837	0.043	ppbv #	1
65) tert-Butylbenzene	16.74	119	122337	0.292	ppbv #	73
66) Benzyl Chloride	16.83	91	5006	0.092	ppbv #	69
67) sec-Butylbenzene	17.28	105	17752	0.031	ppbv #	1
69) p-Isopropyltoluene	17.62	119	26068	0.054	ppbv #	47
70) n-Butylbenzene	18.54	91	81476	0.164	ppbv #	42
72) 4-Ethyltoluene	15.82	105	144360	0.399	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.98	105	264653	0.811	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	1081333	2.970	ppbv #	63
79) Naphthalene	22.16	128	30788	0.110	ppbv #	84
80) Naphthalene,2-methyl-	24.95	142	9571	0.092	ppbv #	72

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Sample : N3453-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

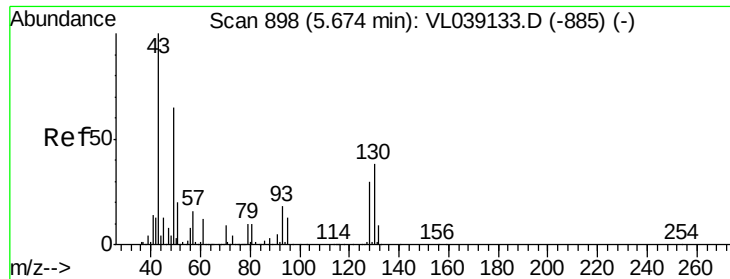
Instrument :
MSVOA_L
ClientSampleId :
SG-2

Quant Time: Jun 29 06:04:11 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N3453-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Jun 2022 11:52 SG-2

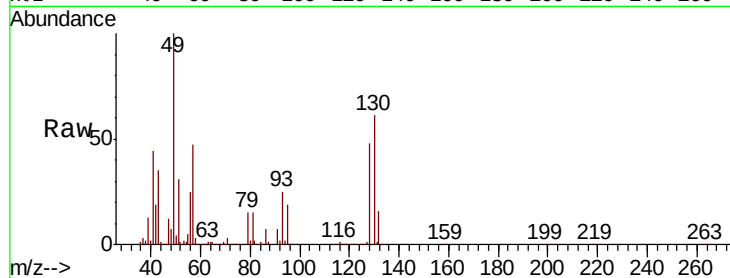
Tot Ion: 49 Resp: 1142333

Ion Ratio Lower Upper

49 100

128 50.5 24.7 74.1

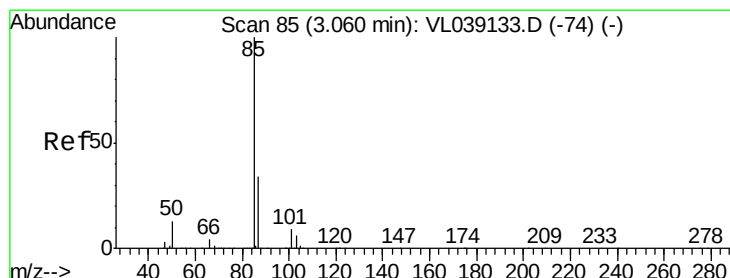
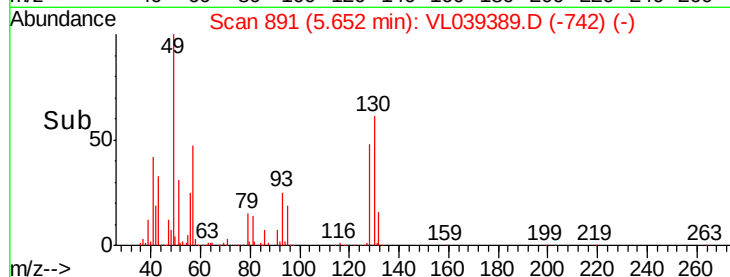
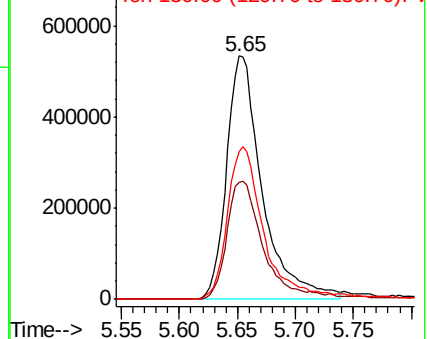
130 65.5 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.171 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.02 min

Lab File: VL039389.D

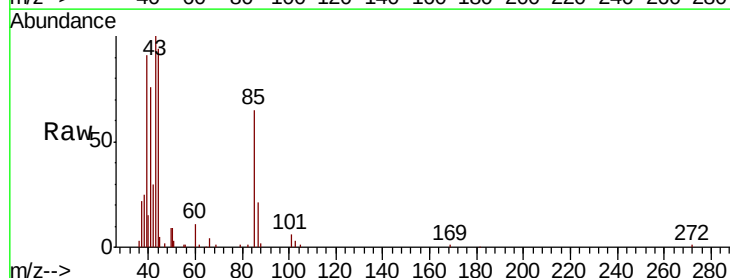
Acq: 28 Jun 2022 11:52

Tgt Ion: 85 Resp: 34352

Ion Ratio Lower Upper

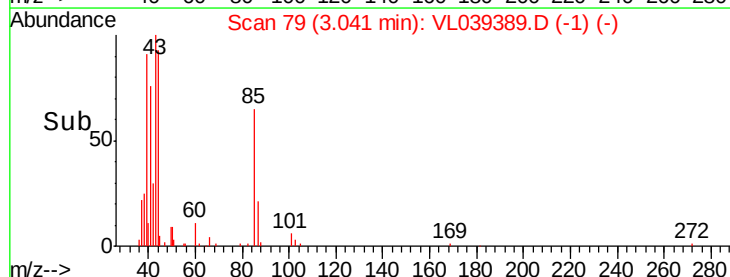
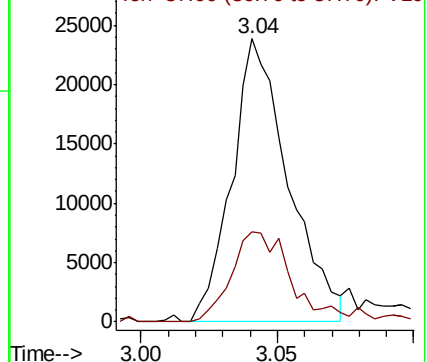
85 100

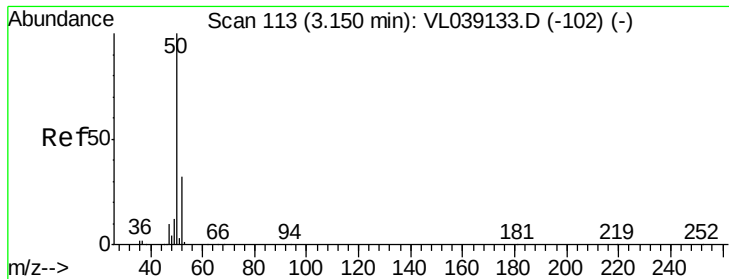
87 31.8 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.063 ppbv

RT: 3.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

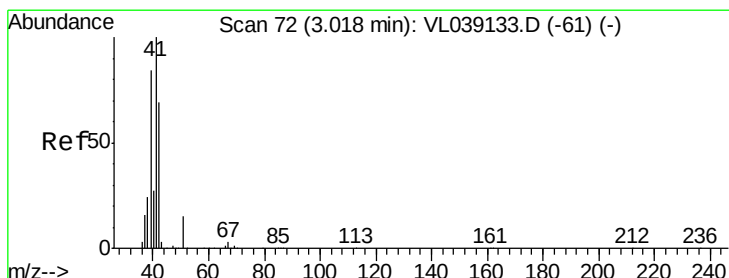
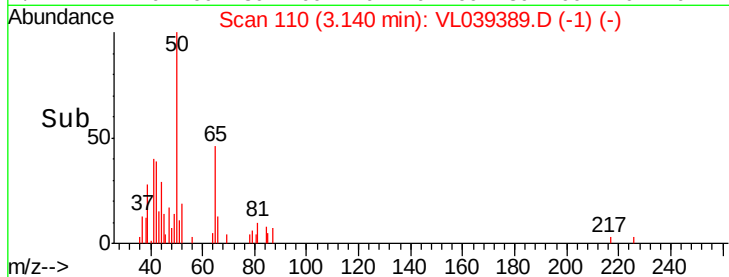
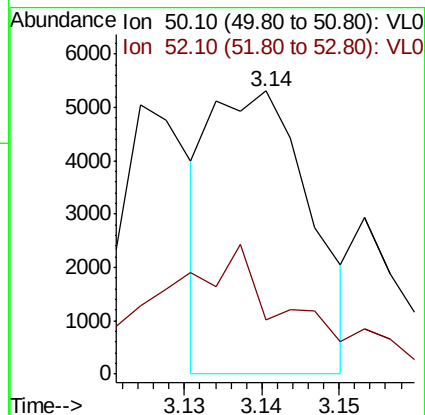
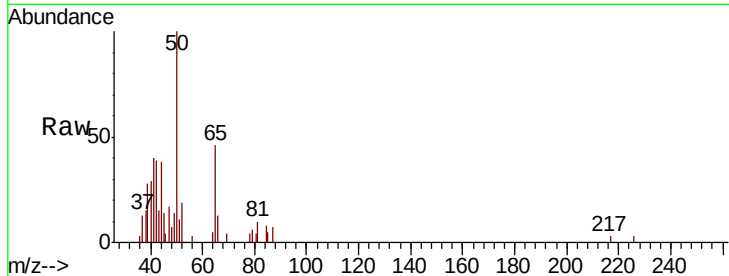
Acq: 28 Jun 2022 11:52 SG-2

Tot Ion: 50 Resp: 4734

Ion Ratio Lower Upper

50 100

52 11.0 25.9 38.9#



#9

Propene

Concen: 3.137 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.18 min

Lab File: VL039389.D

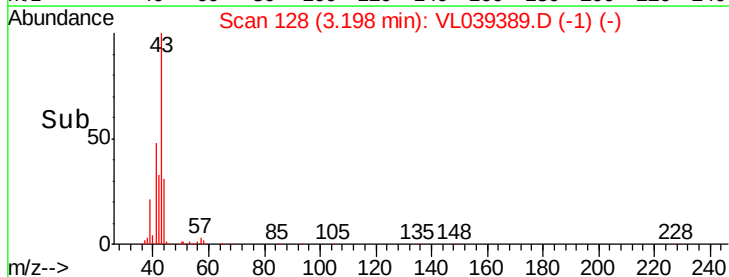
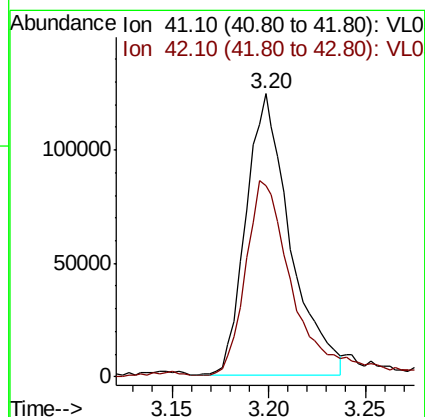
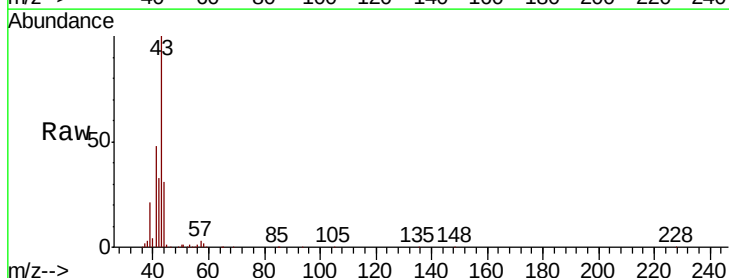
Acq: 28 Jun 2022 11:52

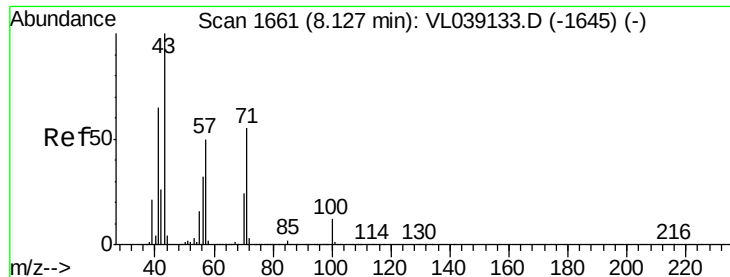
Tgt Ion: 41 Resp: 198788

Ion Ratio Lower Upper

41 100

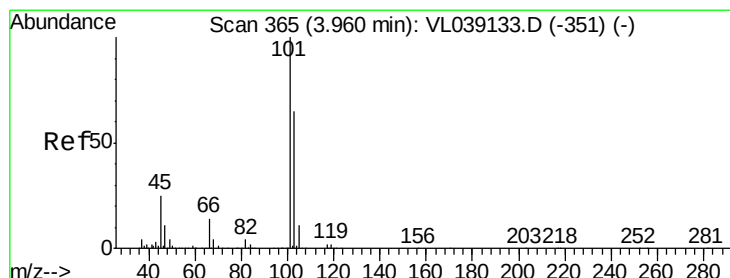
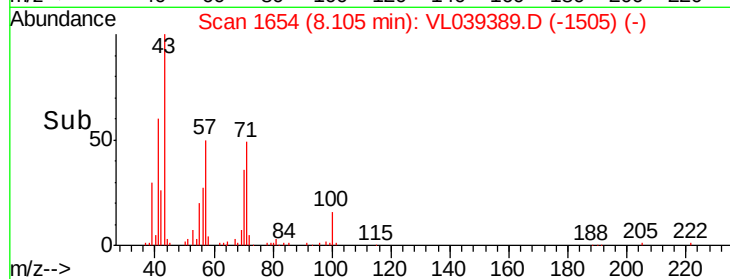
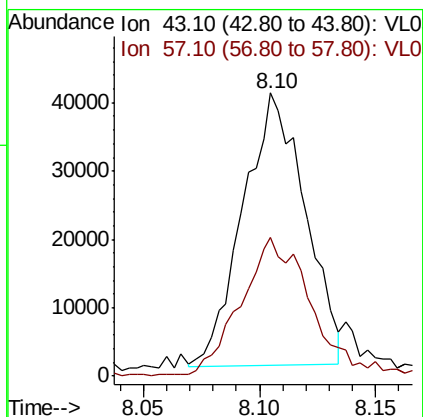
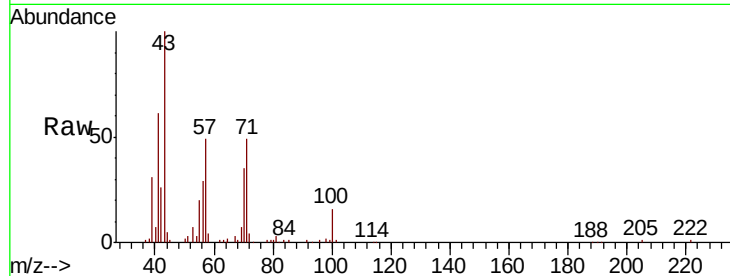
42 78.0 55.4 83.2





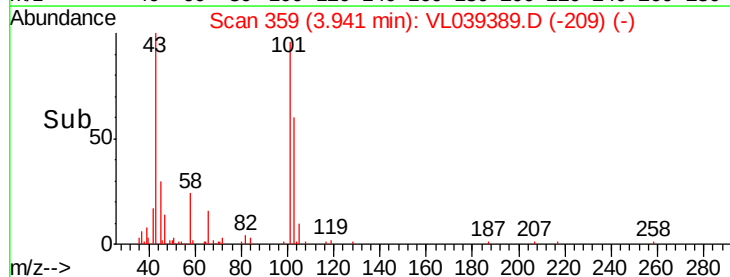
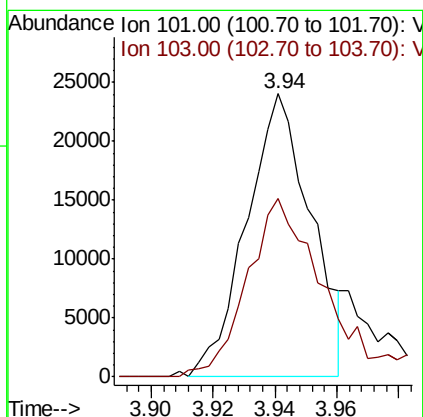
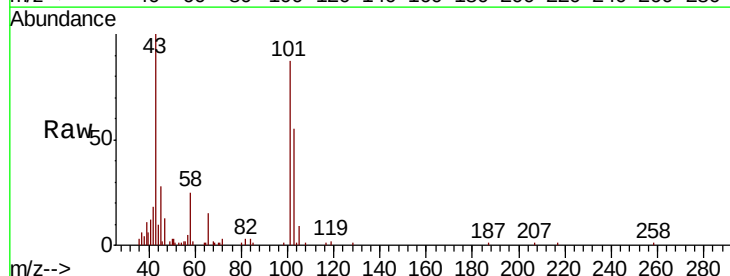
#10
 Heptane
 Concen: 0.504 ppbv
 RT: 8.10
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Jun 2022 11:52

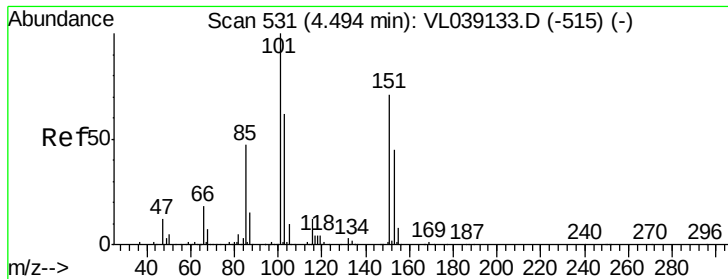
Tot Ion: 43 Resp: 74451
 Ion Ratio Lower Upper
 43 100
 57 59.4 41.4 62.2



#11
 Trichlorofluoromethane
 Concen: 0.192 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.02 min
 Lab File: VL039389.D
 Acq: 28 Jun 2022 11:52

Tgt Ion: 101 Resp: 34795
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.7 77.5





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.036 ppbv

RT: 4.48 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

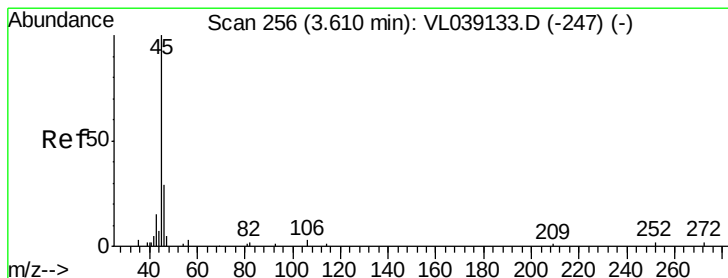
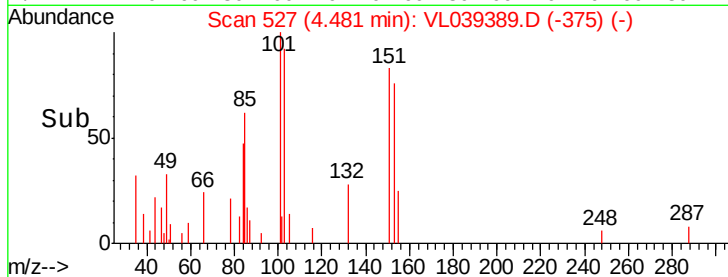
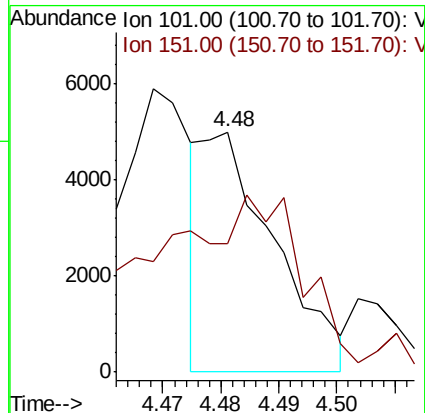
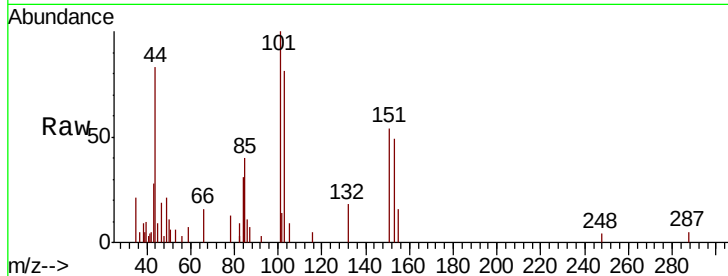
Acq: 28 Jun 2022 11:52 SG-2

Tot Ion:101 Resp: 4274

Ion Ratio Lower Upper

101 100

151 174.8 59.4 89.0#



#13

Ethanol

Concen: 121.386 ppbv

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL039389.D

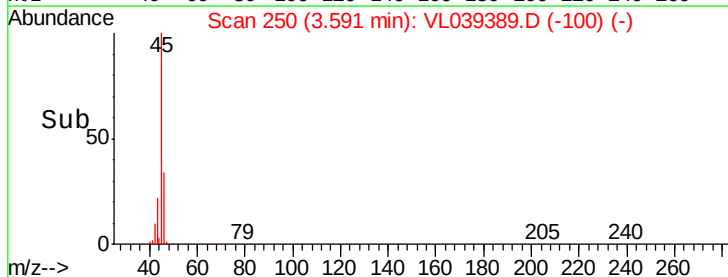
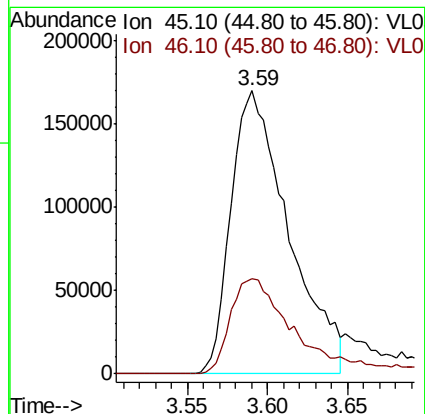
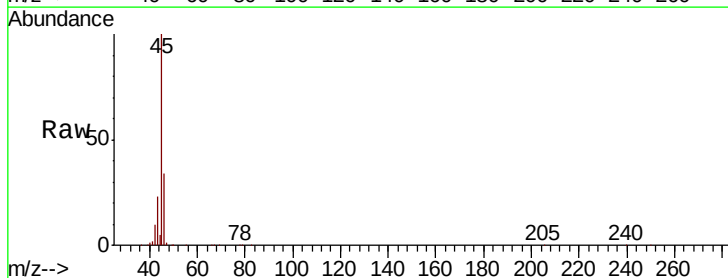
Acq: 28 Jun 2022 11:52

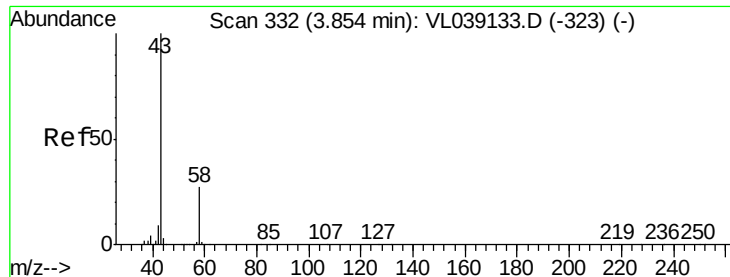
Tgt Ion: 45 Resp: 419550

Ion Ratio Lower Upper

45 100

46 40.8 0.0 0.0#





#15

Acetone

Concen: 17.386 ppbv

RT: 3.83 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

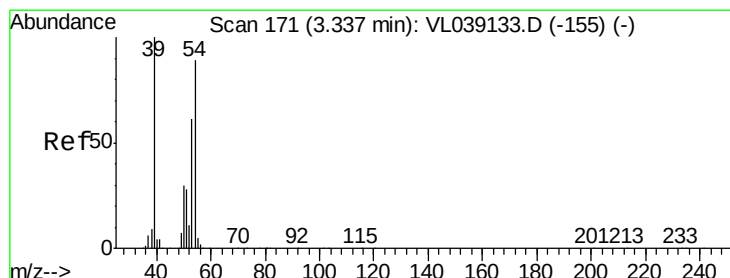
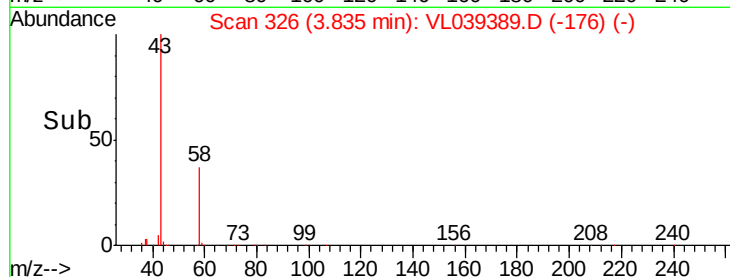
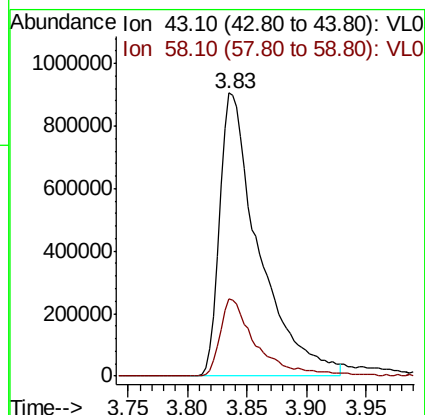
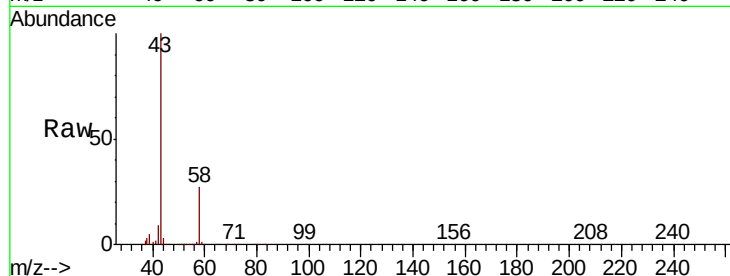
Acq: 28 Jun 2022 11:52 SG-2

Tot Ion: 43 Resp: 2068840

Ion Ratio Lower Upper

43 100

58 26.0 22.5 33.7



#16

1,3-Butadiene

Concen: 0.106 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.04 min

Lab File: VL039389.D

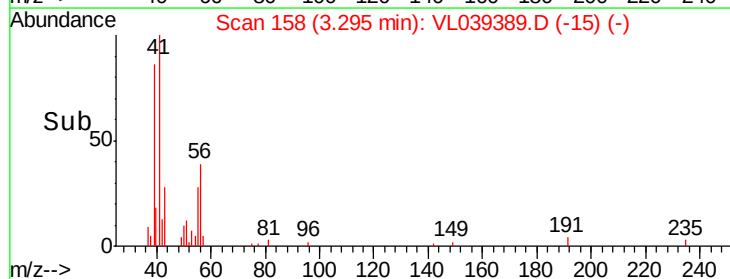
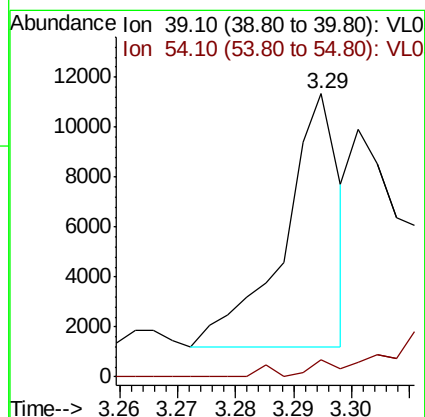
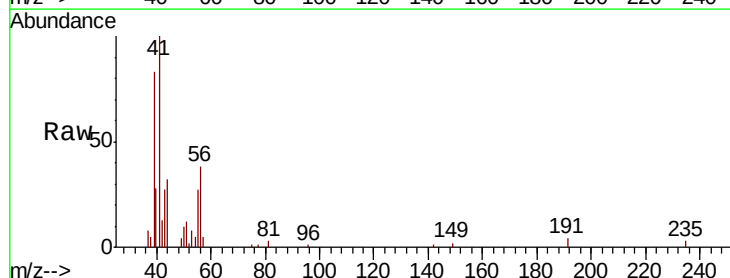
Acq: 28 Jun 2022 11:52

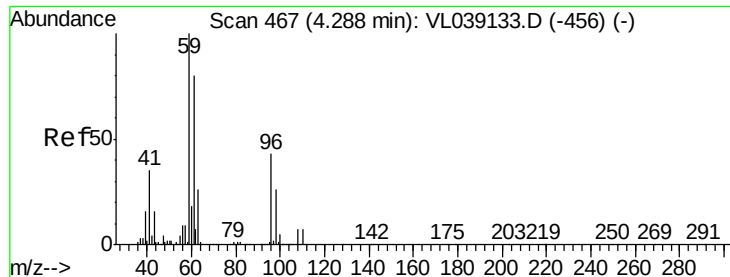
Tgt Ion: 39 Resp: 6768

Ion Ratio Lower Upper

39 100

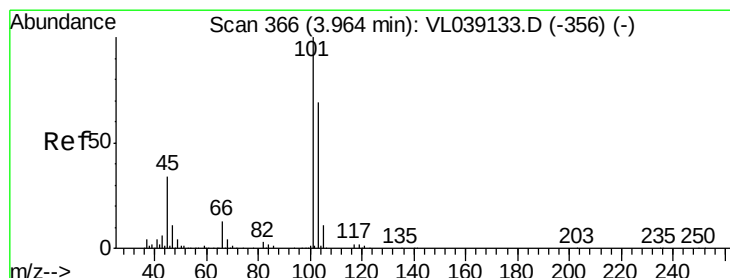
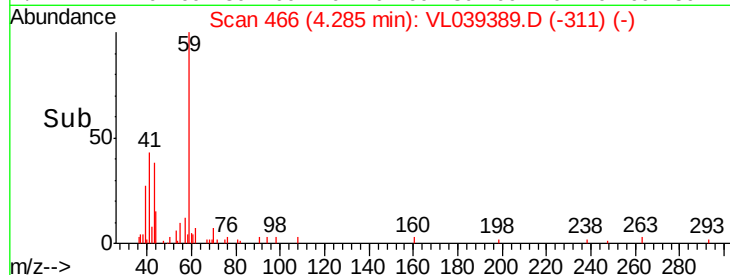
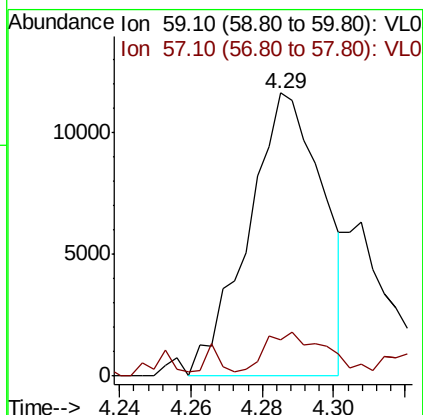
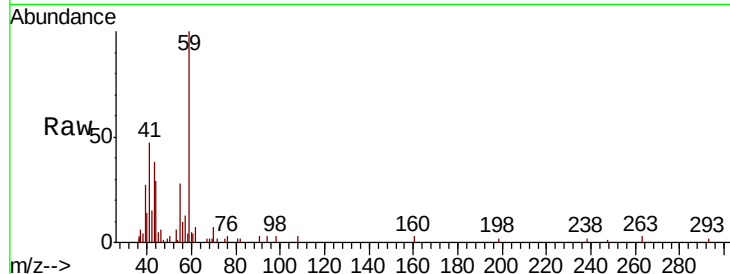
54 51.7 65.8 98.6#





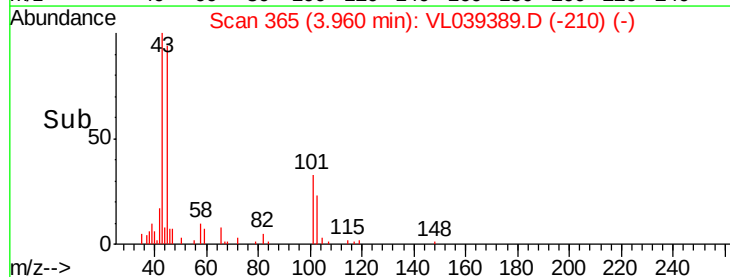
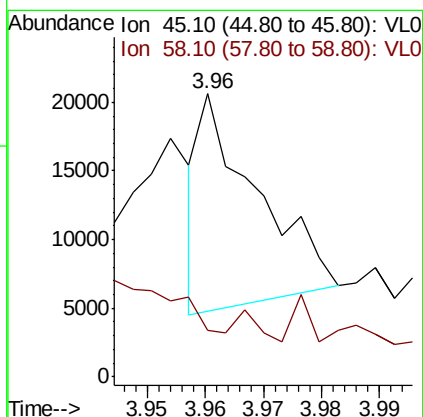
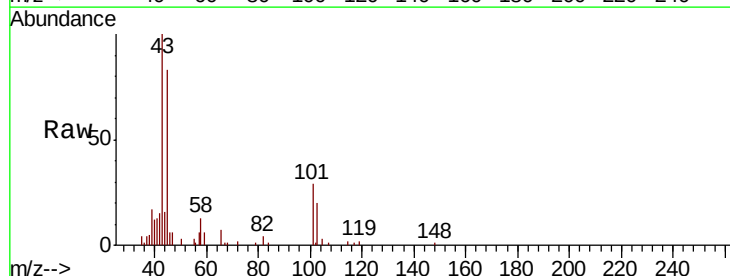
#17
tert-Butyl alcohol
Concen: 0.182 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-2
Acq: 28 Jun 2022 11:52

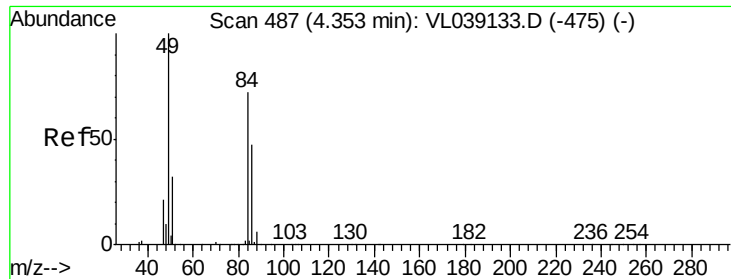
Tot Ion: 59 Resp: 16841
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#



#19
Isopropyl Alcohol
Concen: 0.195 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

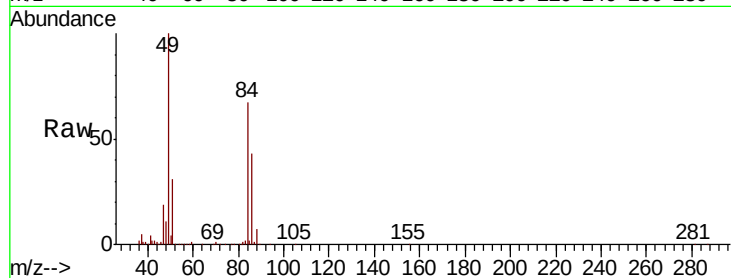
Tgt Ion: 45 Resp: 10862
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8#





#20
Methvlene Chloride
Concen: 5.189 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 11:52

Tot Ion:	84	Resp:	260229
Ion	Ratio	Lower	Upper
84	100		
49	149.5	111.1	166.7
51	45.9	35.3	52.9
86	63.9	51.9	77.9



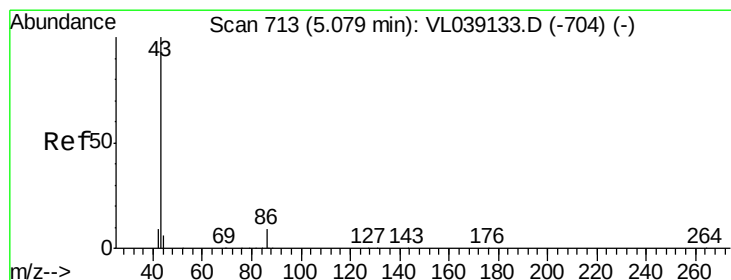
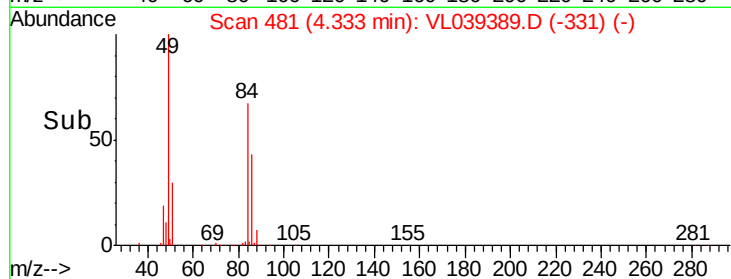
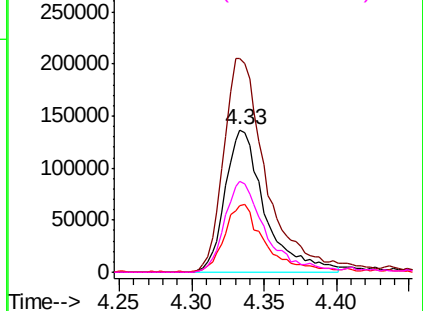
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

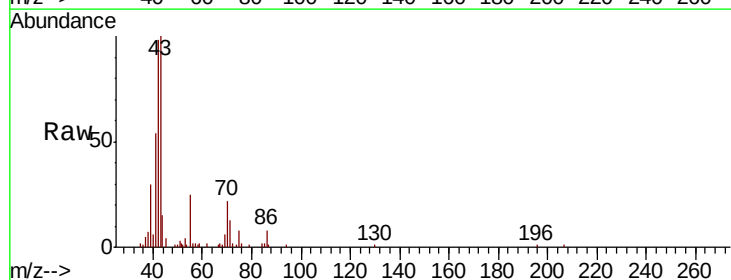
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#23
Vinyl Acetate
Concen: 0.056 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.03 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion:	43	Resp:	5556
Ion	Ratio	Lower	Upper
43	100		
86	10.9	6.0	9.0#
42	100.1	8.2	12.4#
44	5.9	4.3	6.5



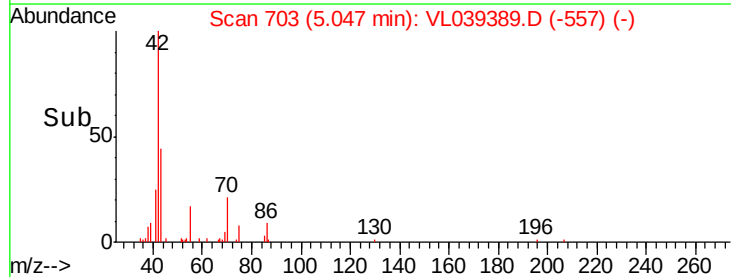
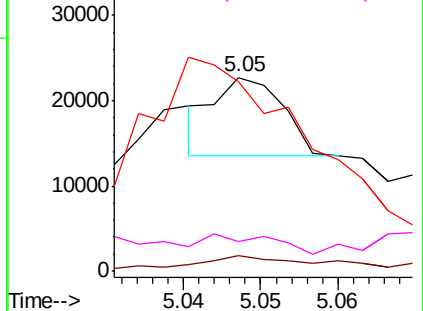
Abundance

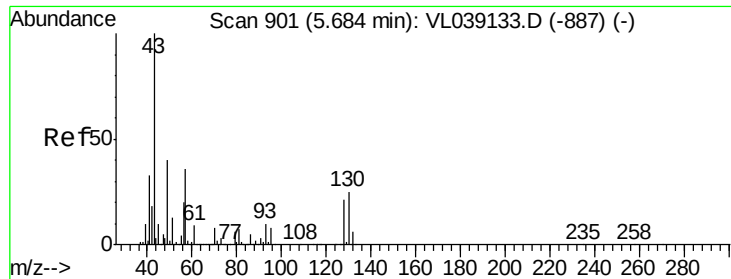
Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

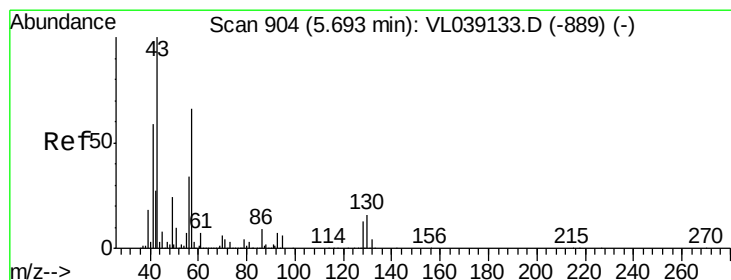
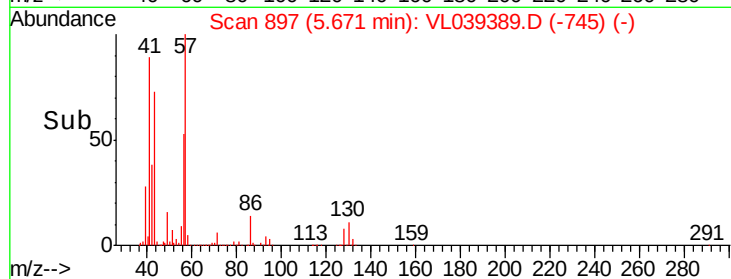
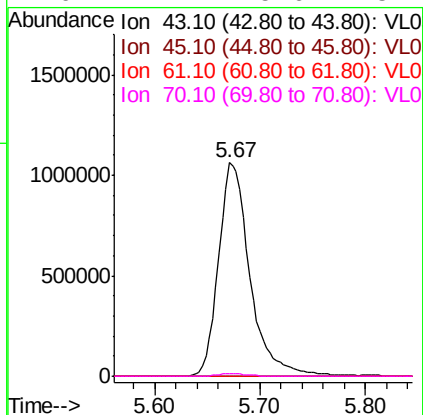
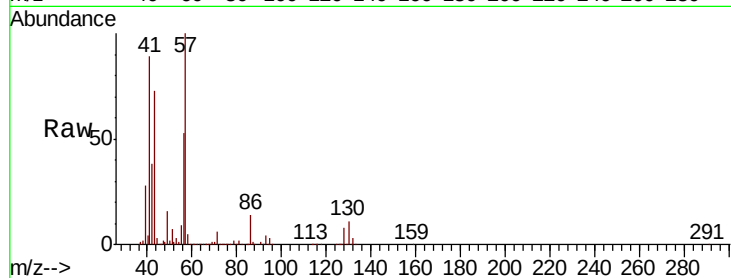
Ion 44.10 (43.80 to 44.80): VL0





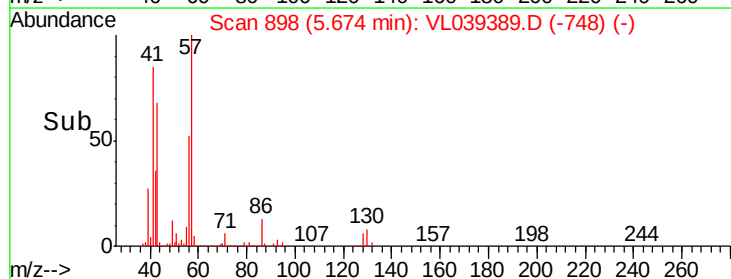
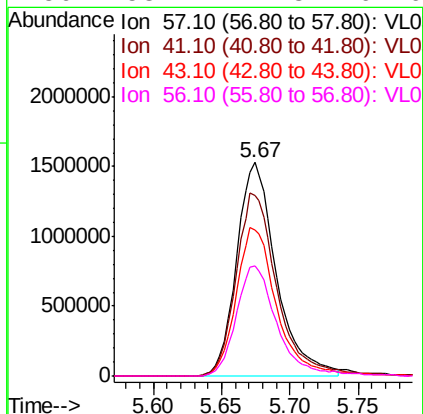
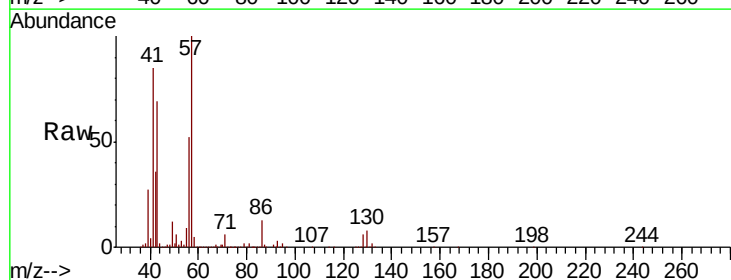
#25
Ethyl Acetate
Concen: 8.145 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 11:52

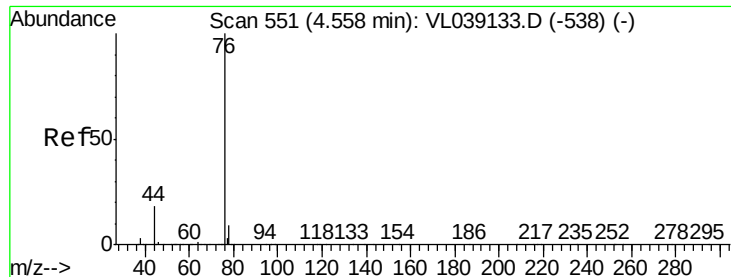
Tot Ion:	43	Resp:	2184471
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.1	8.4	12.6#
70	1.4	5.6	8.4#



#26
Hexane
Concen: 26.162 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion:	57	Resp:	3083503
Ion	Ratio	Lower	Upper
57	100		
41	90.1	72.4	108.6
43	71.6	187.0	280.6#
56	53.7	41.8	62.6





#27

Carbon Disulfide

Concen: 0.553 ppbv

RT: 4.54 Instrument: MSVOA_1

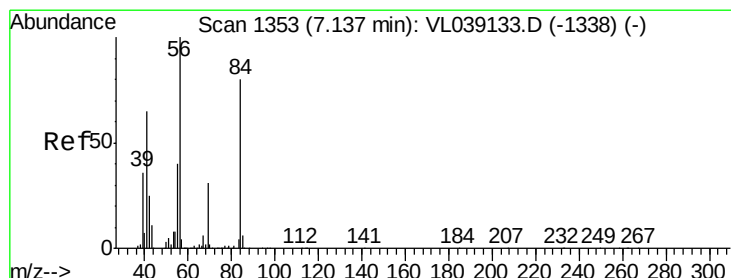
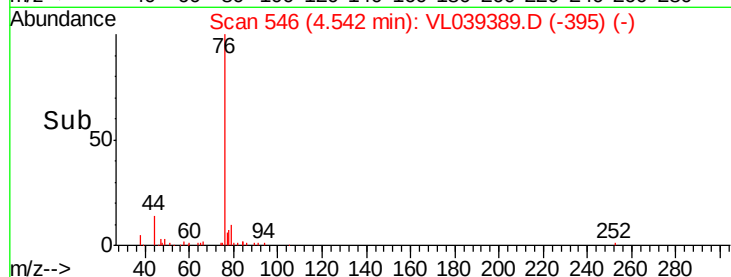
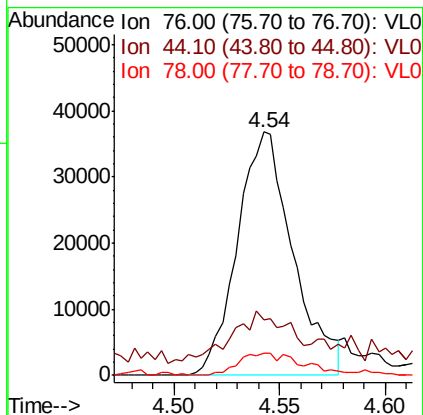
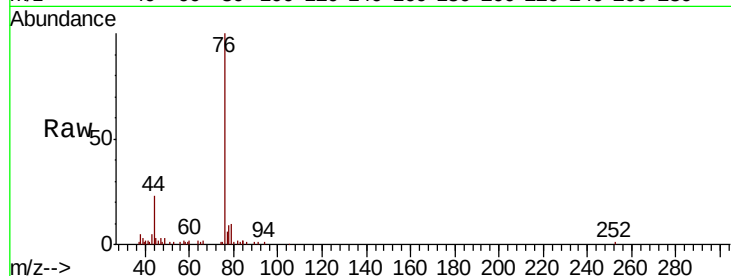
Delta R.T.

Lab File: ClientSampleId :

Acq: 28 Jun 2022 11:52

Tot Ion: 76 Resp: 67499

Ion	Ratio	Lower	Upper
76	100		
44	26.1	14.4	21.6#
78	11.3	7.7	11.5



#30

Cyclohexane

Concen: 0.246 ppbv

RT: 7.11 min Scan# 1345

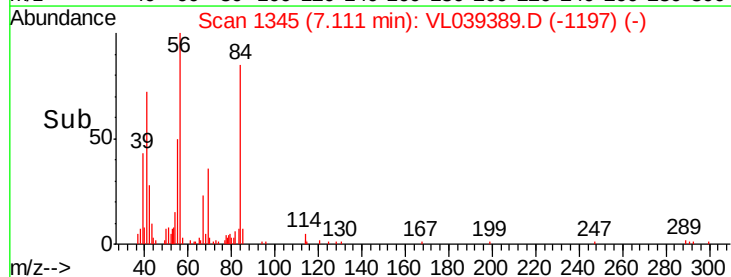
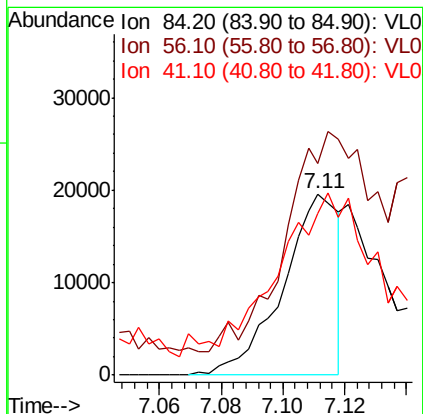
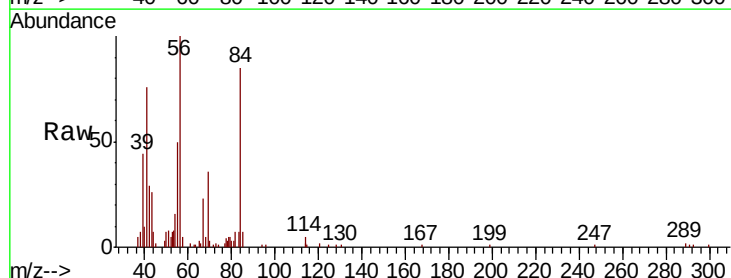
Delta R.T. -0.03 min

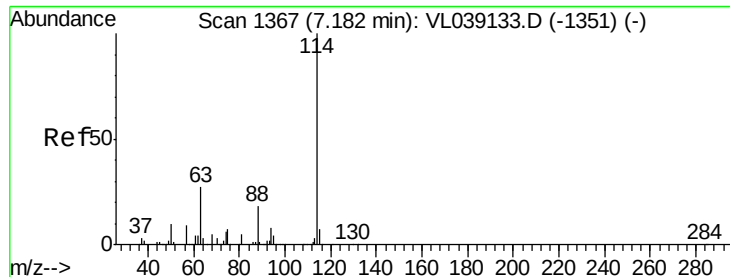
Lab File: VL039389.D

Acq: 28 Jun 2022 11:52

Tgt Ion: 84 Resp: 24347

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	173.0	68.9	103.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 11:52 SG-2

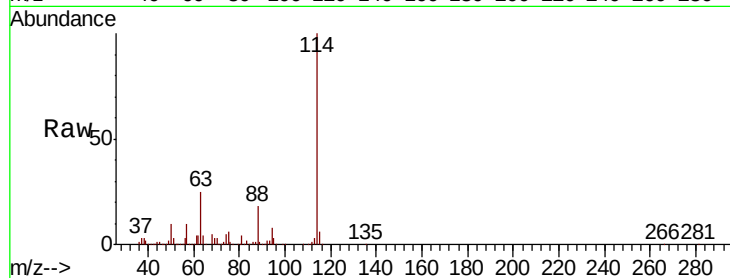
Tot Ion:114 Resp: 3158061

Ion Ratio Lower Upper

114 100

63 24.7 21.7 32.5

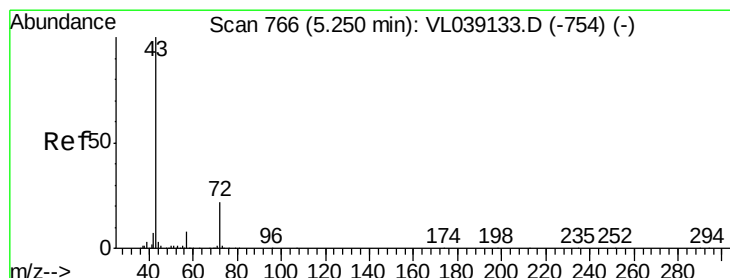
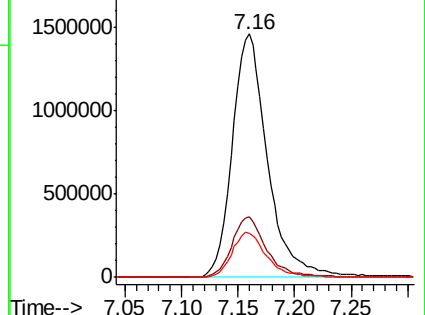
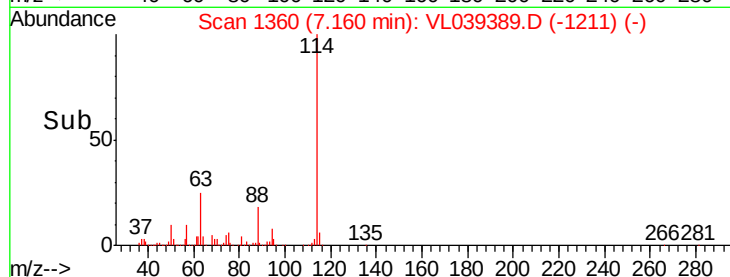
88 18.4 14.8 22.2



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: 0.713 ppbv

RT: 5.23 min Scan# 760

Delta R.T. -0.02 min

Lab File: VL039389.D

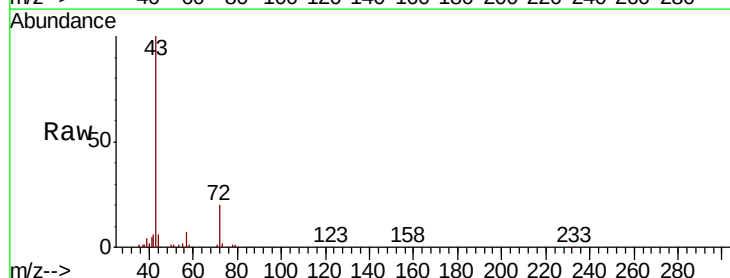
Acq: 28 Jun 2022 11:52

Tgt Ion: 43 Resp: 122358

Ion Ratio Lower Upper

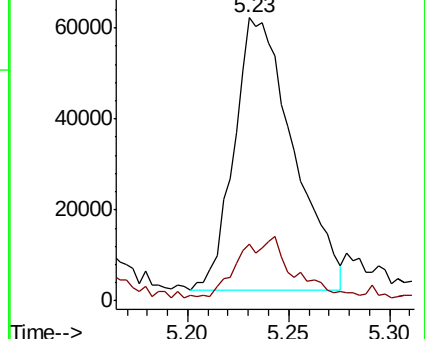
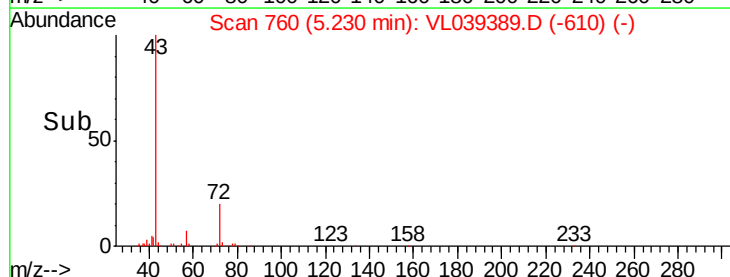
43 100

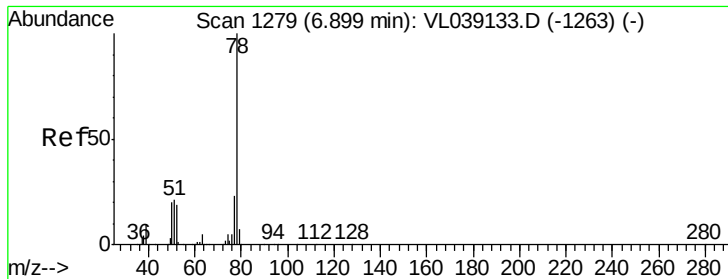
72 25.9 18.2 27.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

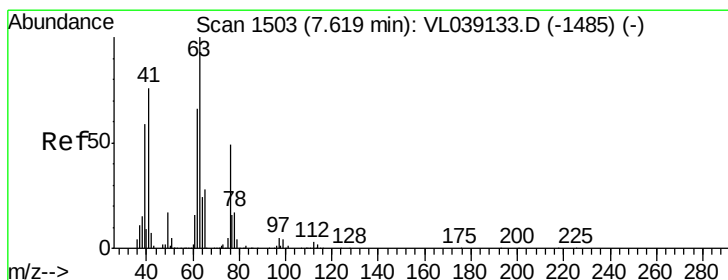
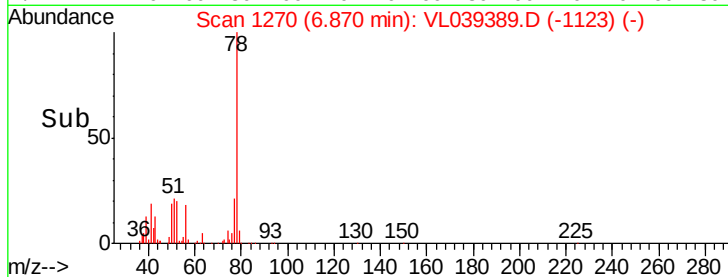
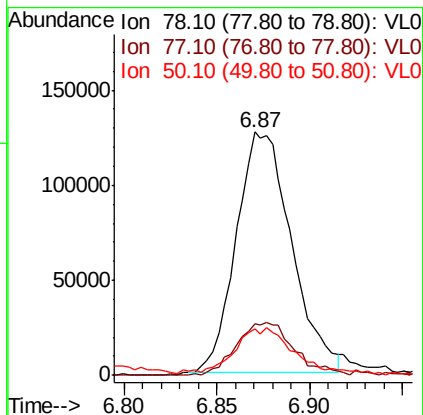
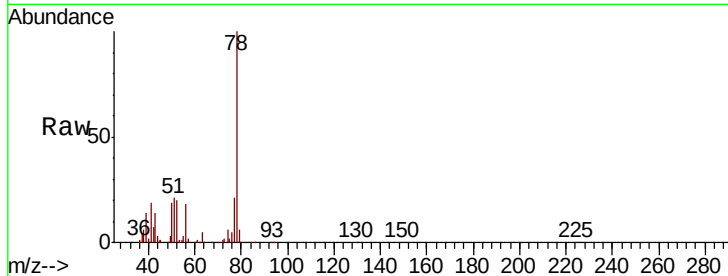
Ion 72.10 (71.80 to 72.80): VL0





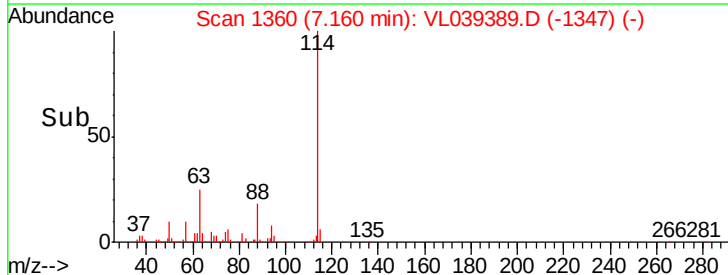
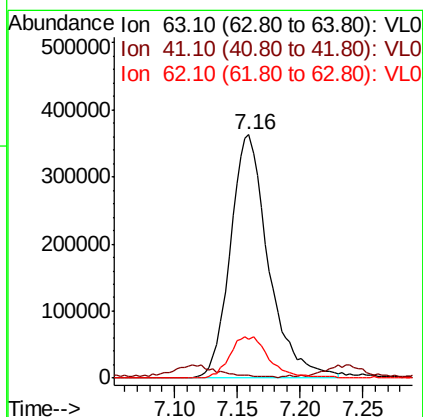
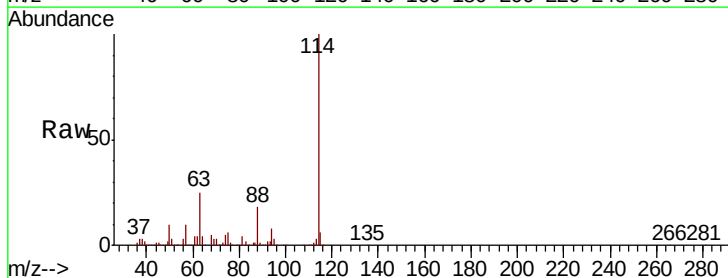
#36
Benzene
Concen: 1.027 ppbv
RT: 6.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 11:52

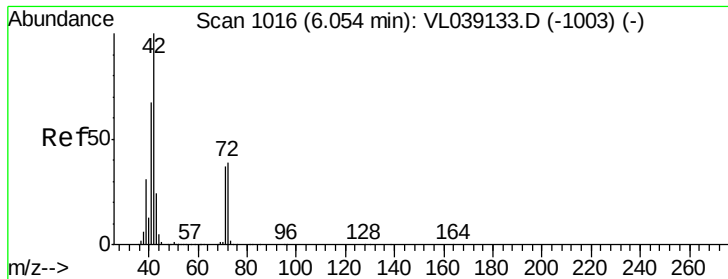
Tot Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.6	27.8
50	17.7	15.8	23.8



#39
1,2-Dichloropropane
Concen: 7.509 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.46 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	15.9	52.9	79.3#





#41

Tetrahydrofuran

Concen: 0.138 ppbv

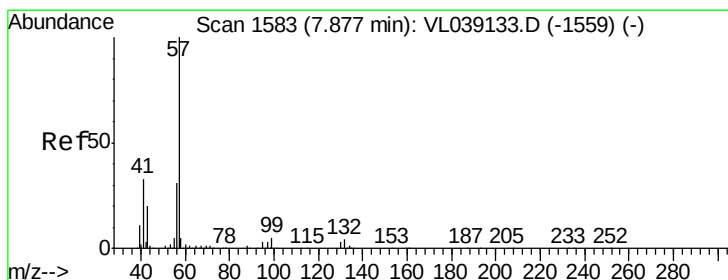
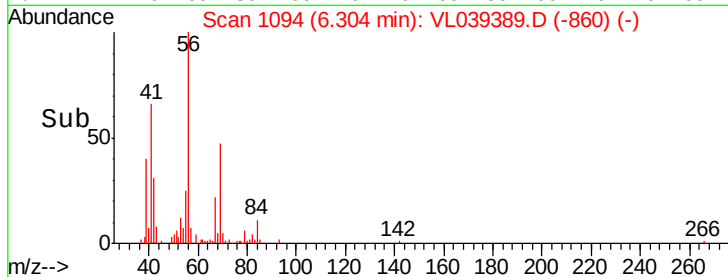
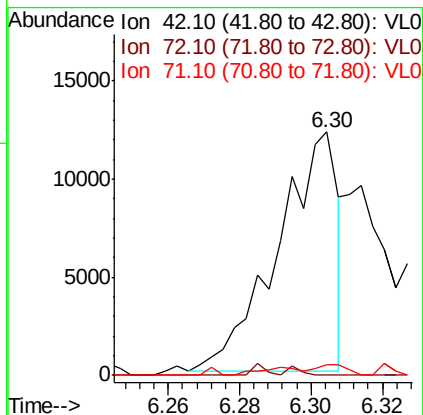
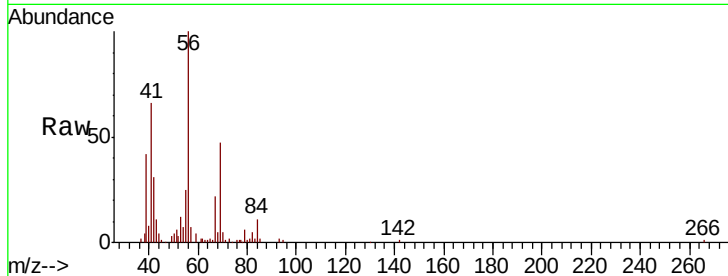
RT: 6.30 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: SG-2

Acq: 28 Jun 2022 11:52

Tot Ion:	42	Resp:	14206
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.1	46.7#



#44

2,2,4-Trimethylpentane

Concen: 0.054 ppbv

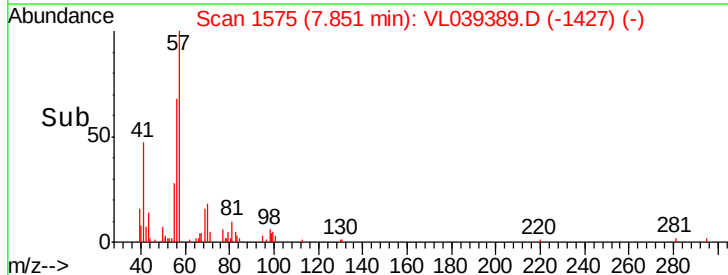
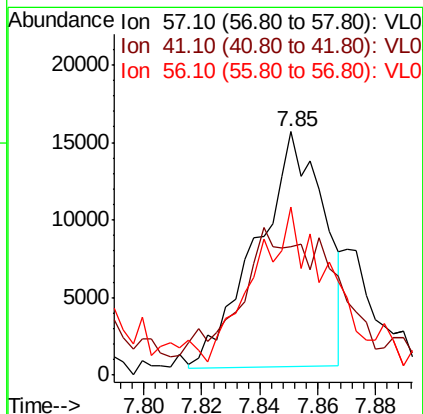
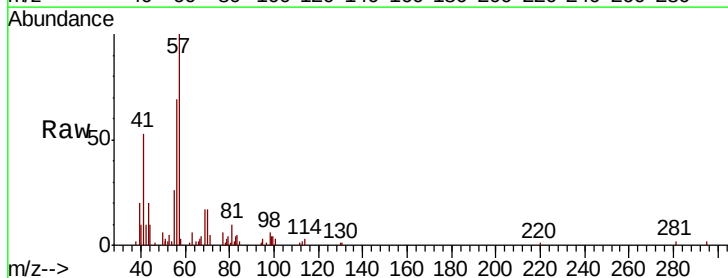
RT: 7.85 min Scan# 1575

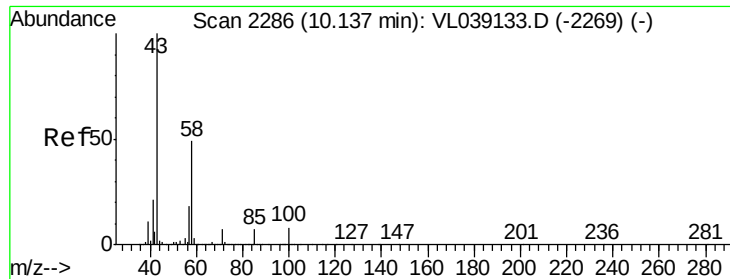
Delta R.T. -0.03 min

Lab File: VL039389.D

Acq: 28 Jun 2022 11:52

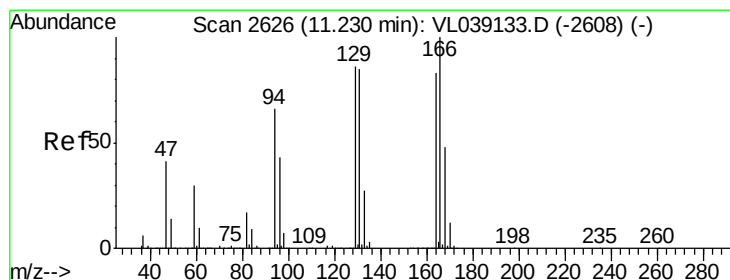
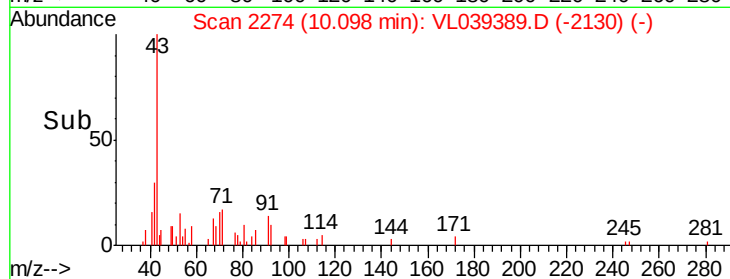
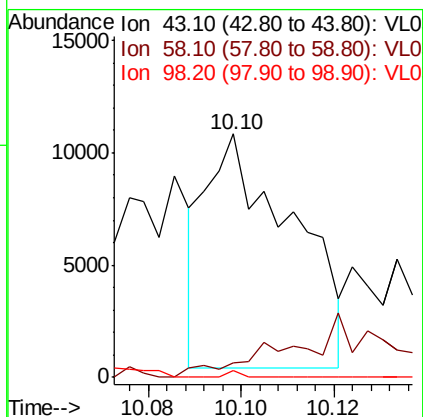
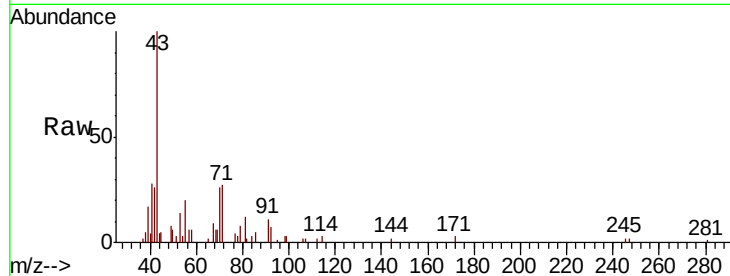
Tgt Ion:	57	Resp:	24353
Ion	Ratio	Lower	Upper
57	100		
41	104.3	26.2	39.4#
56	89.8	24.7	37.1#





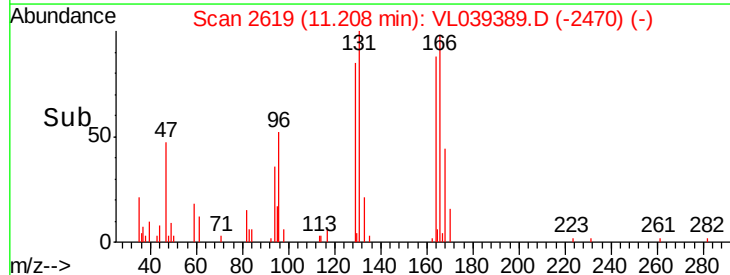
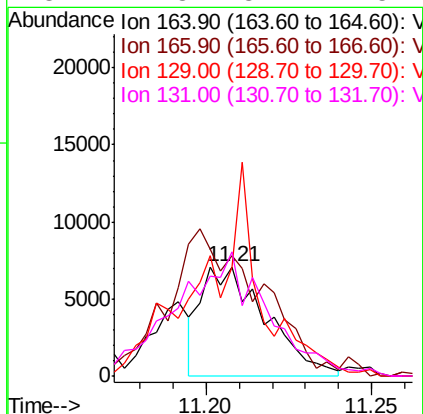
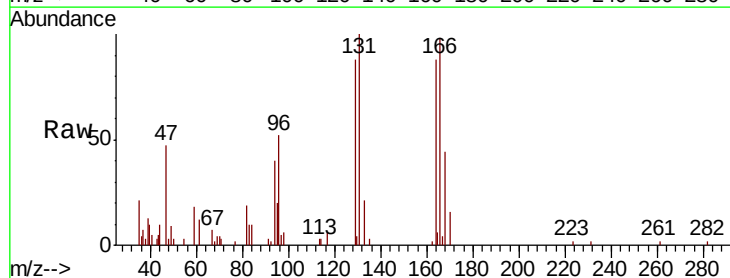
#51
 2-Hexanone
 Concen: 0.067 ppbv
 RT: 10.10
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Jun 2022 11:52

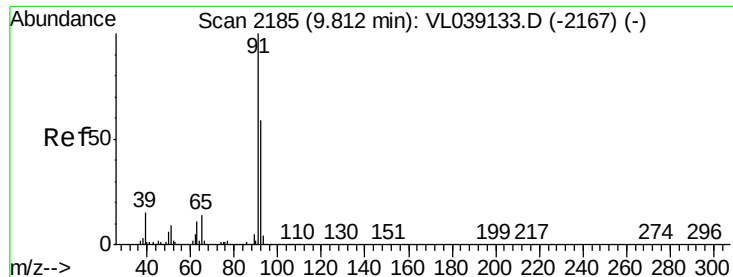
Tot Ion:	43	Resp:	13479
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.0	0.1	0.1#



#52
 Tetrachloroethene
 Concen: 0.095 ppbv
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: VL039389.D
 Acq: 28 Jun 2022 11:52

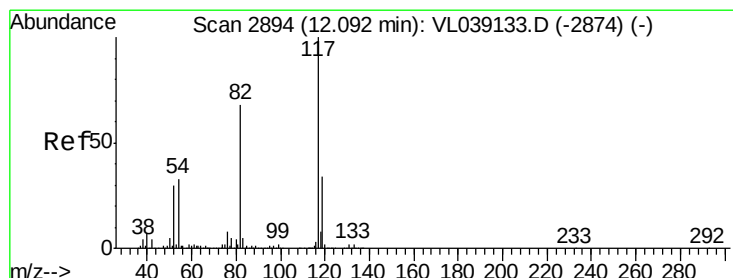
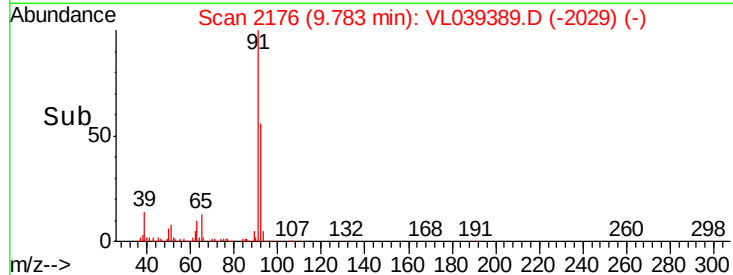
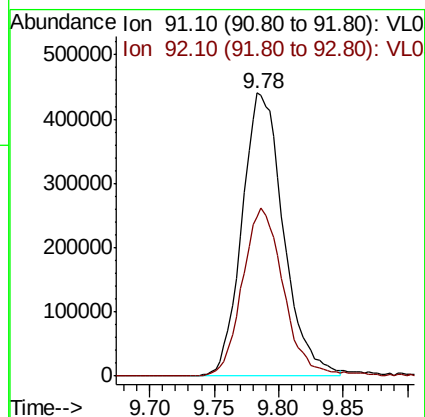
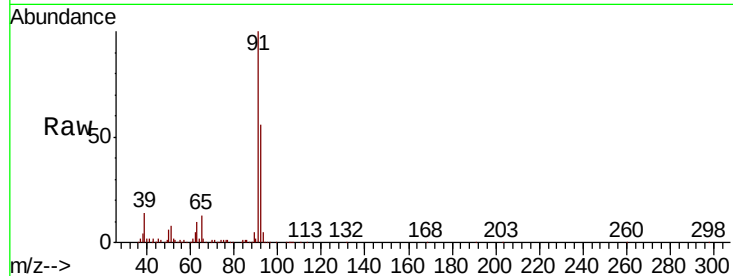
Tgt Ion:	164	Resp:	9555
Ion	Ratio	Lower	Upper
164	100		
166	110.3	96.3	144.5
129	102.3	82.5	123.7
131	111.8	82.1	123.1





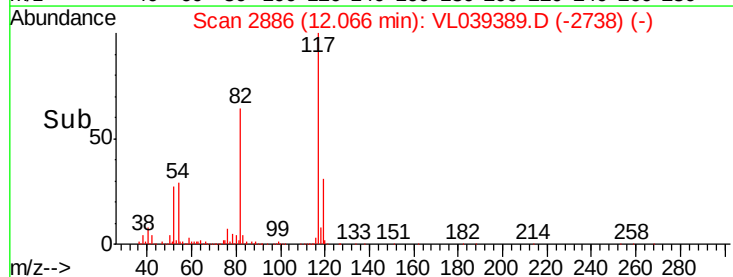
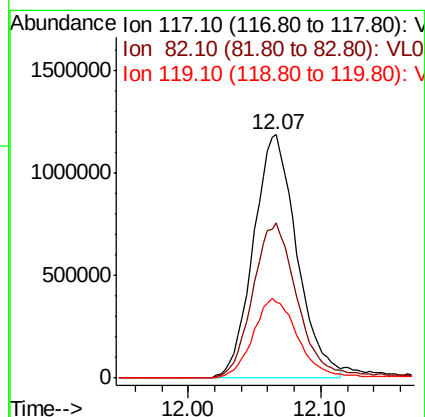
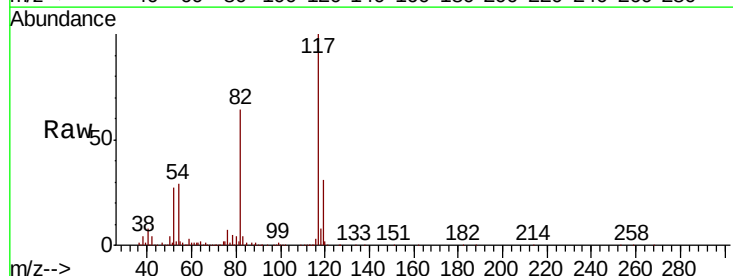
#53
Toluene
Concen: 3.348 ppbv
RT: 9.78
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Jun 2022 11:52

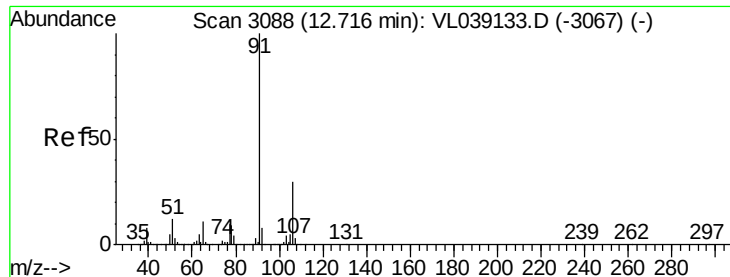
Tot Ion: 91 Resp: 988490
Ion Ratio Lower Upper
91 100
92 59.7 48.1 72.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T.: -0.03 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion: 117 Resp: 2708000
Ion Ratio Lower Upper
117 100
82 67.4 55.1 82.7
119 34.9 24.7 37.1





#58

Ethyl Benzene

Concen: 0.572 ppbv

RT: 12.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

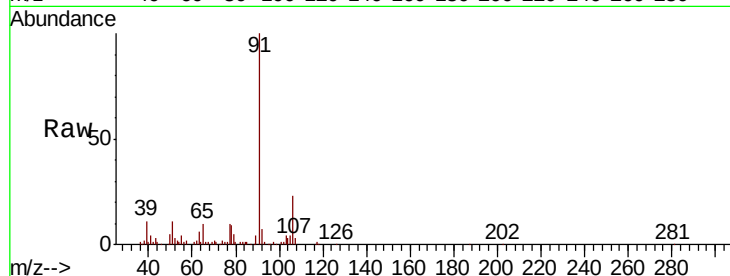
Acq: 28 Jun 2022 11:52

Tot Ion: 91 Resp: 213193

Ion Ratio Lower Upper

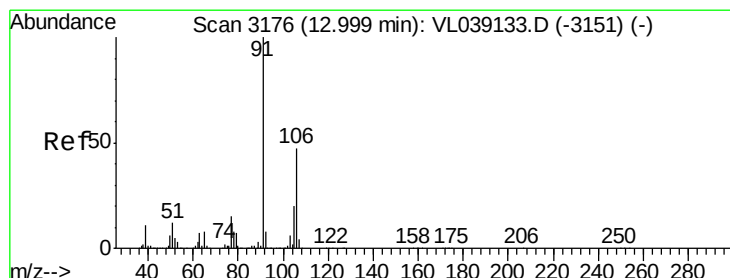
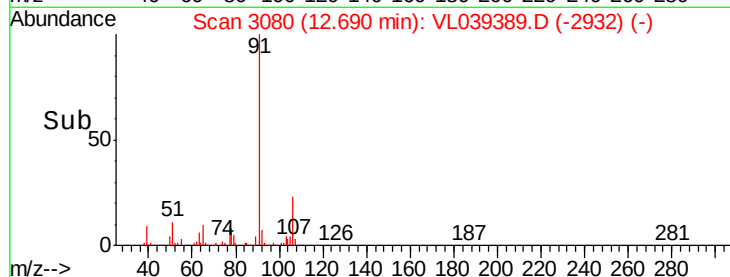
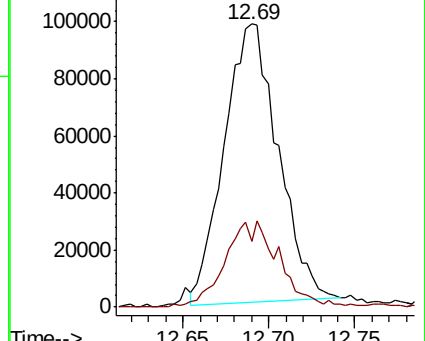
91 100

106 23.1 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: 2.113 ppbv

RT: 12.95 min Scan# 3160

Delta R.T. -0.05 min

Lab File: VL039389.D

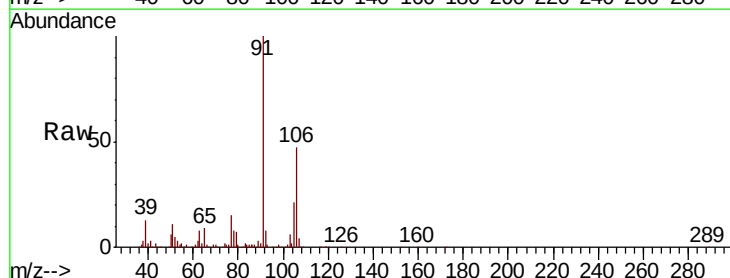
Acq: 28 Jun 2022 11:52

Tgt Ion: 91 Resp: 694191

Ion Ratio Lower Upper

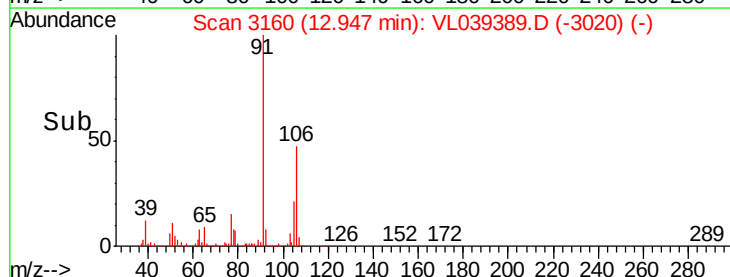
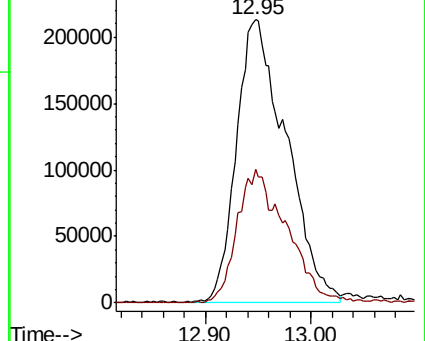
91 100

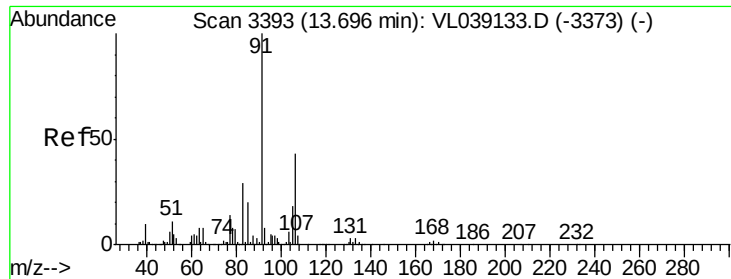
106 46.7 34.3 51.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

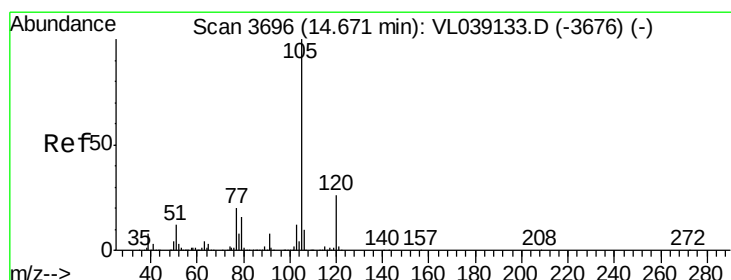
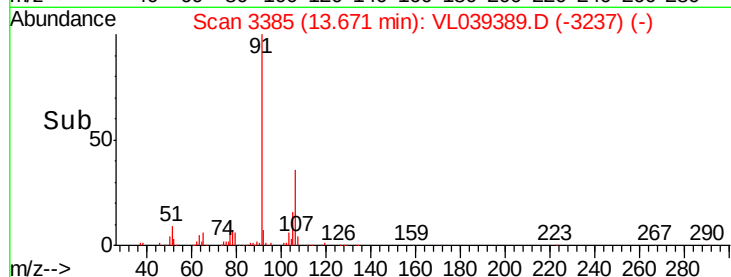
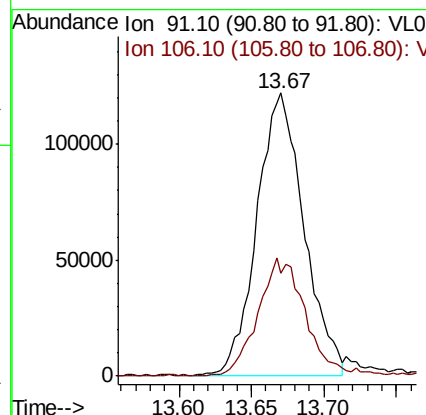
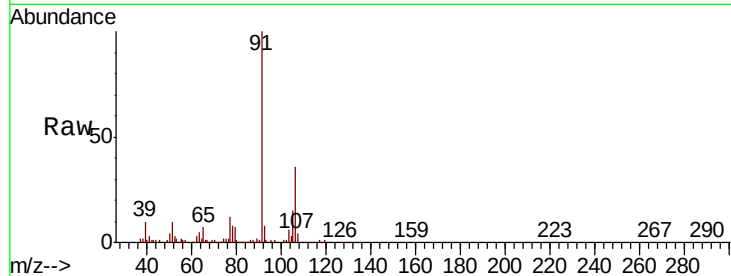
Ion 106.10 (105.80 to 106.80): V





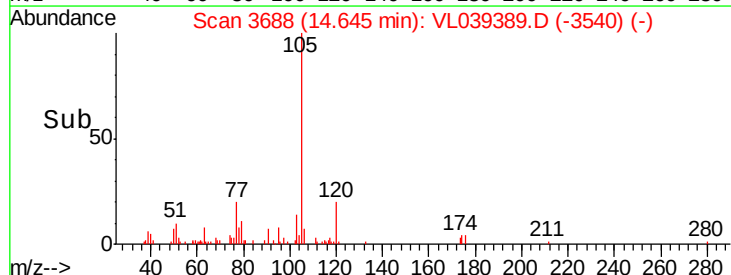
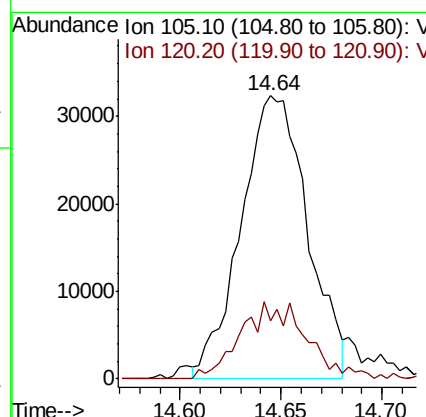
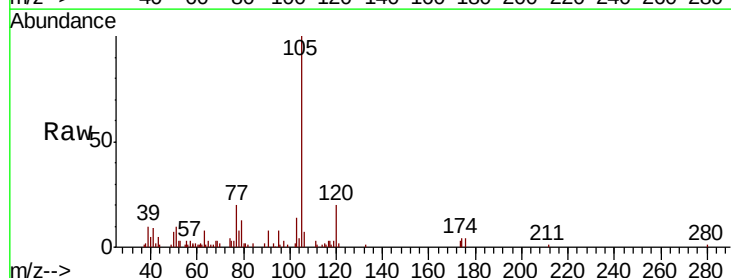
#60
o-Xylene
Concen: 0.890 ppbv
RT: 13.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 11:52

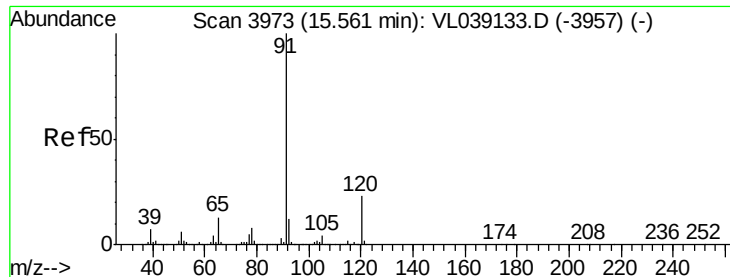
Tot Ion: 91 Resp: 274858
Ion Ratio Lower Upper
91 100
106 43.3 22.3 66.9



#62
Isopropylbenzene
Concen: 0.162 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.03 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion: 105 Resp: 74190
Ion Ratio Lower Upper
105 100
120 28.1 20.3 30.5





#64

n-propylbenzene

Concen: 0.043 ppbv

RT: 15.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

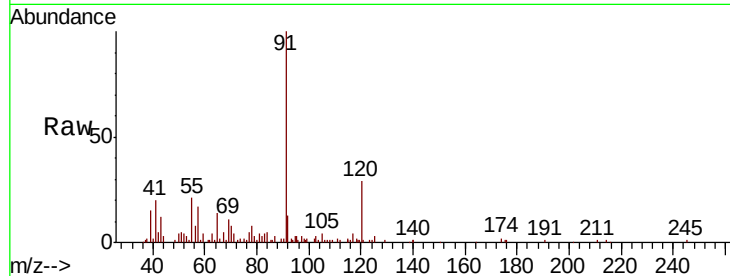
Acq: 28 Jun 2022 11:52

Tot Ion:120 Resp: 4837

Ion Ratio Lower Upper

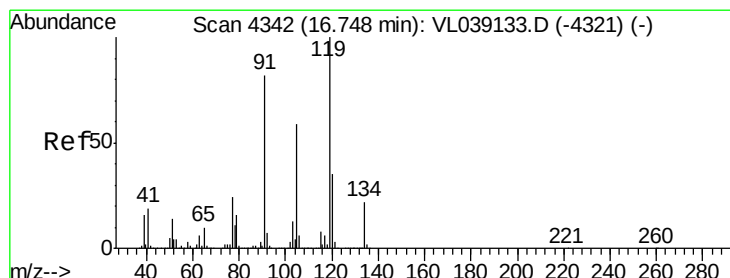
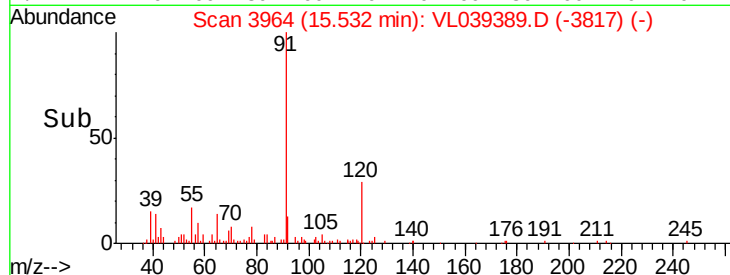
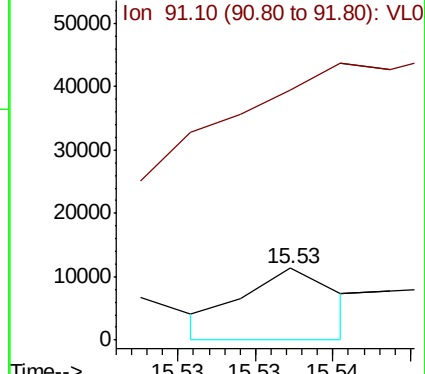
120 100

91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.292 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.01 min

Lab File: VL039389.D

Acq: 28 Jun 2022 11:52

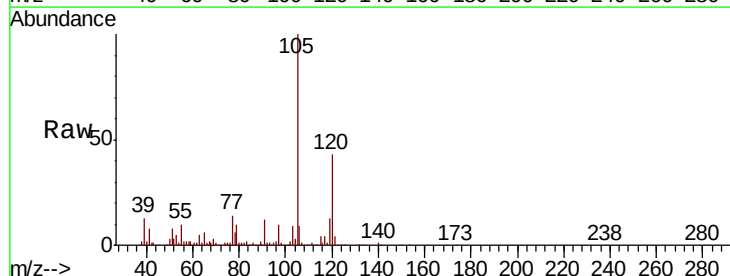
Tgt Ion:119 Resp: 122337

Ion Ratio Lower Upper

119 100

91 105.5 67.1 100.7#

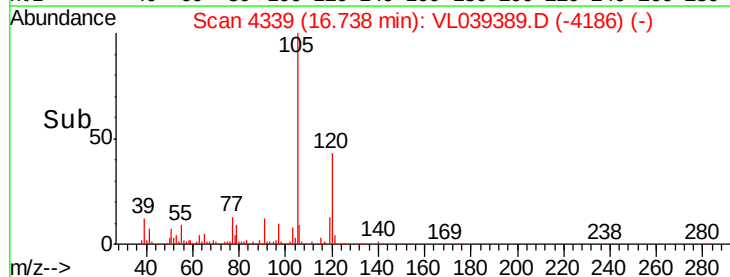
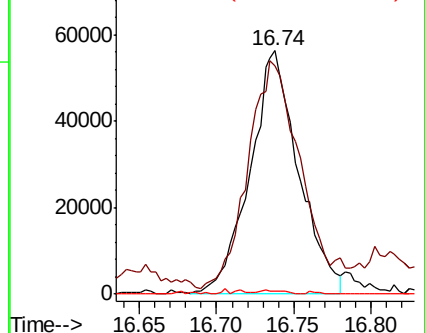
134 2.1 15.8 23.8#

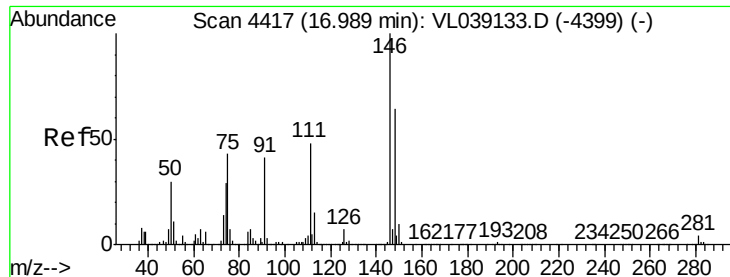


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

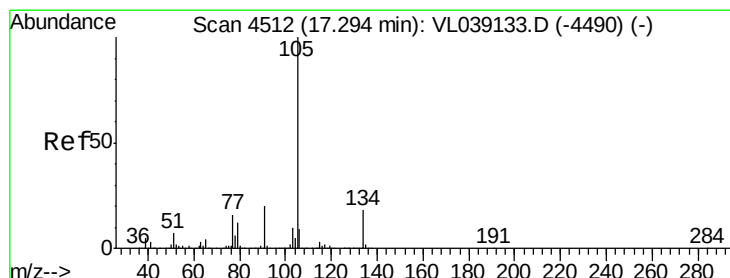
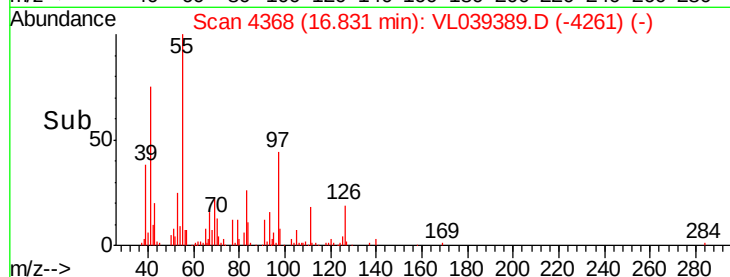
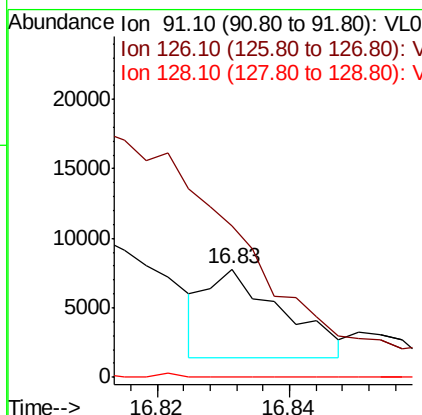
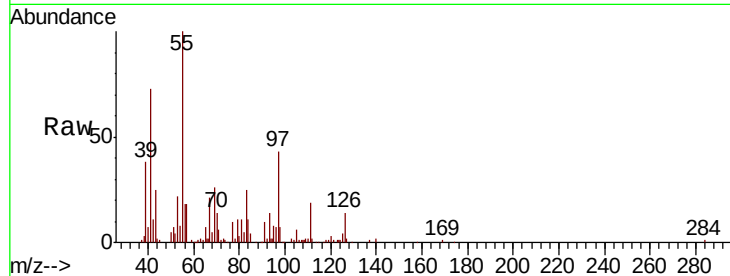
Ion 134.20 (133.90 to 134.90): V





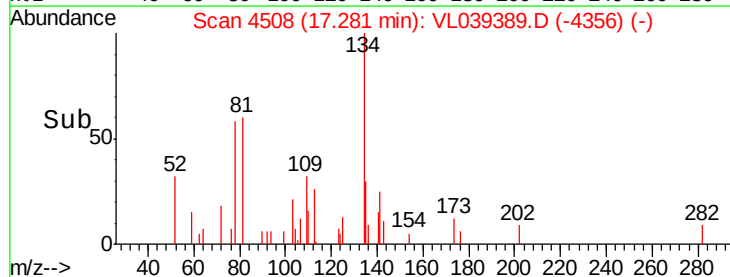
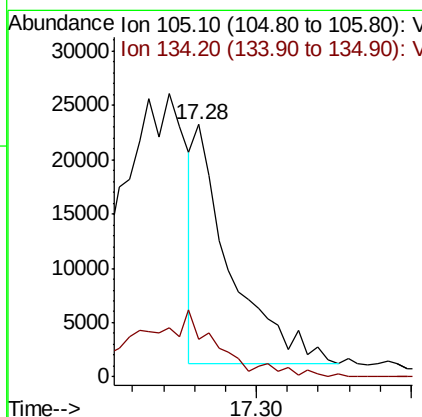
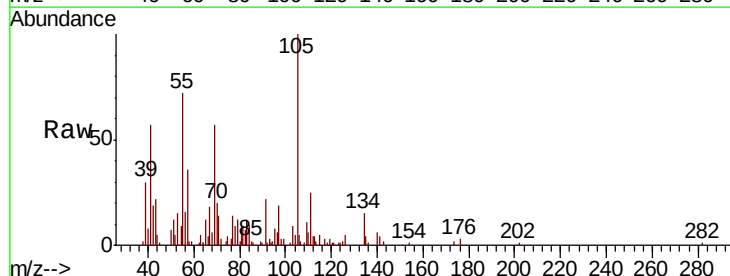
#66
Benzyl Chloride
Concen: 0.092 ppbv
RT: 16.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG-2
Acq: 28 Jun 2022 11:52

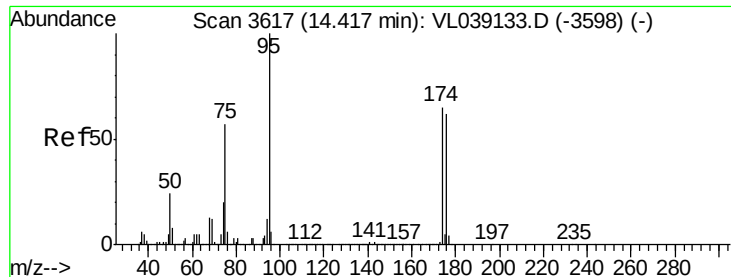
Tot Ion	91	Resp	5006
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.4	20.0#
128	2.9	4.1	6.1#



#67
sec-Butylbenzene
Concen: 0.031 ppbv
RT: 17.28 min Scan# 4508
Delta R.T. -0.01 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

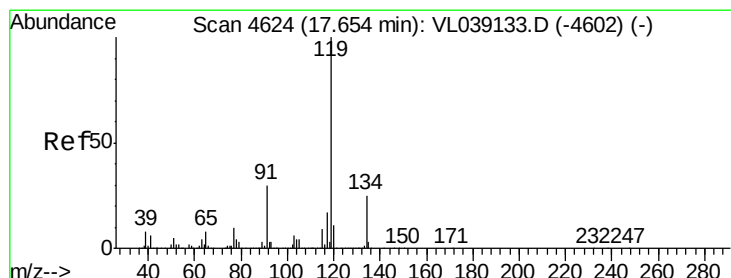
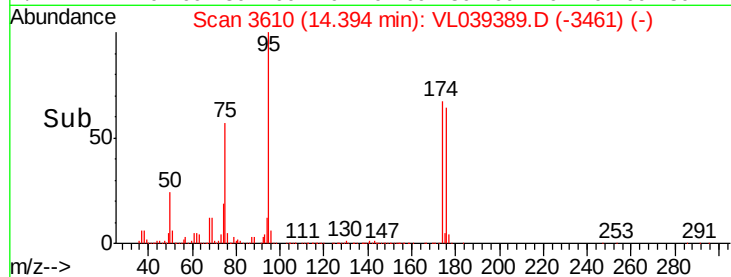
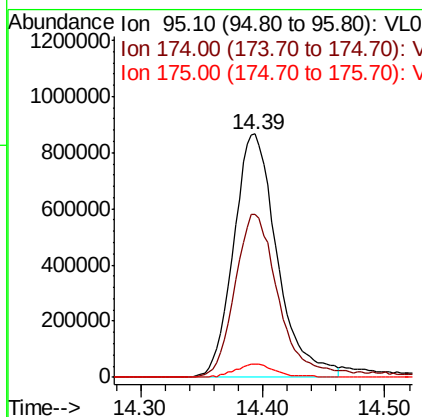
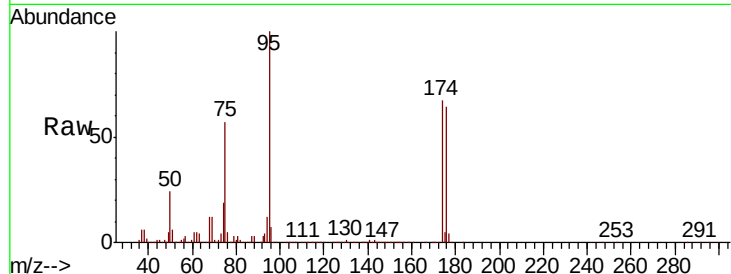
Tgt Ion	105	Resp	17752
Ion	Ratio	Lower	Upper
105	100		
134	66.5	14.4	21.6#





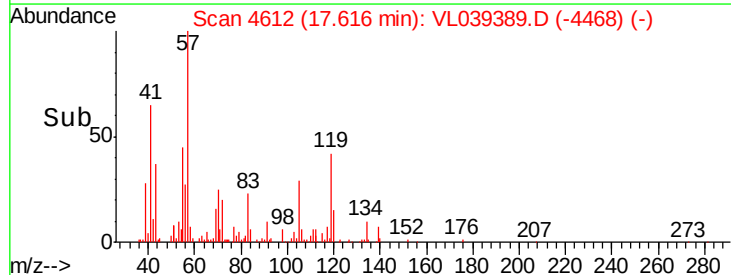
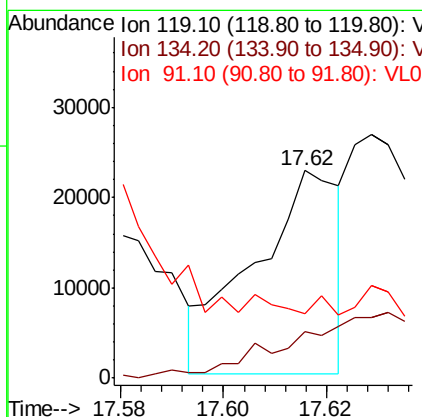
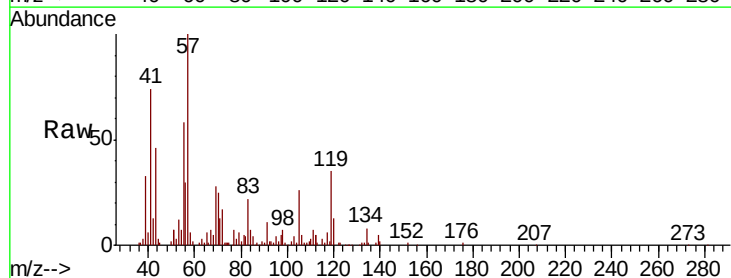
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.521 ppbv
 RT: 14.39 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 28 Jun 2022 11:52

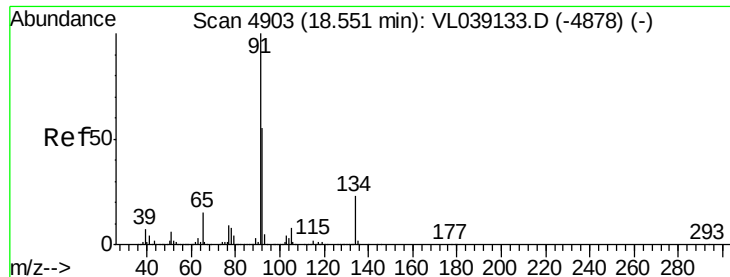
Tot Ion: 95 Resp: 2131503
 Ion Ratio Lower Upper
 95 100
 174 70.6 53.8 80.8
 175 5.1 4.1 6.1



#69
 p-Isopropyltoluene
 Concen: 0.054 ppbv
 RT: 17.62 min Scan# 4612
 Delta R.T. -0.04 min
 Lab File: VL039389.D
 Acq: 28 Jun 2022 11:52

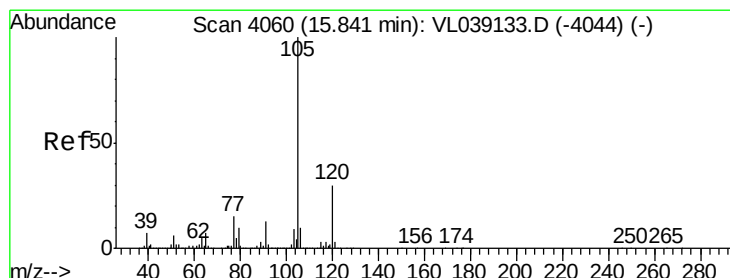
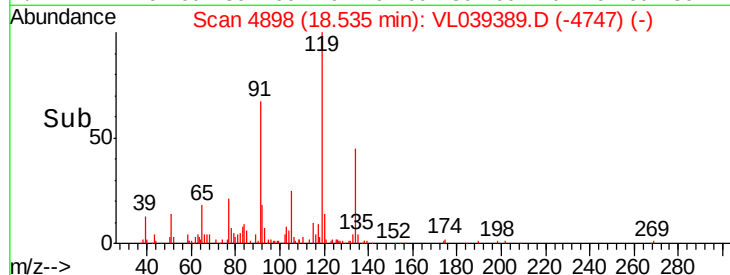
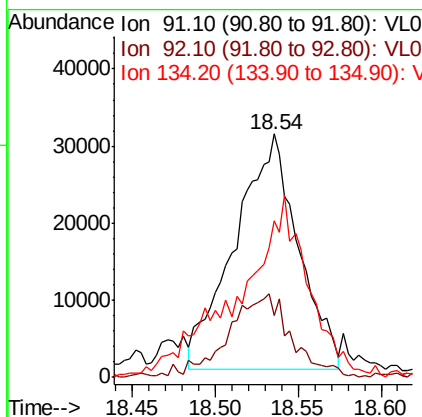
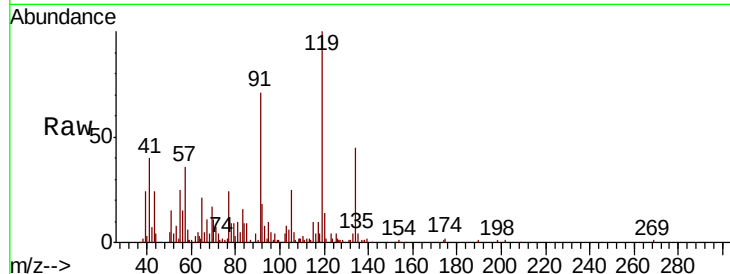
Tgt Ion: 119 Resp: 26068
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.4 30.6#
 91 0.0 24.2 36.4#





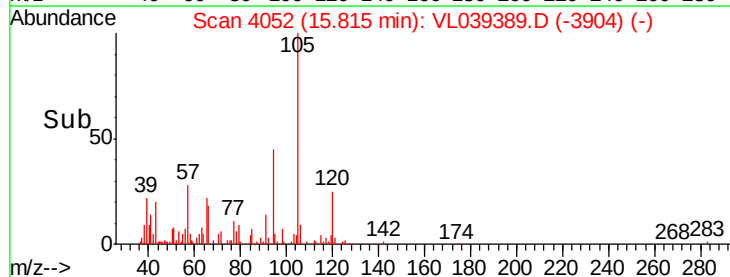
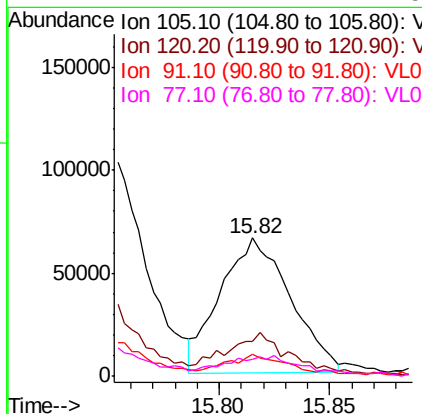
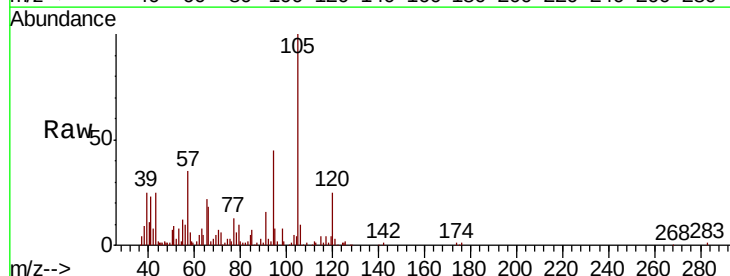
#70
n-Butylbenzene
Concen: 0.164 ppbv
RT: 18.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG-2
Acq: 28 Jun 2022 11:52

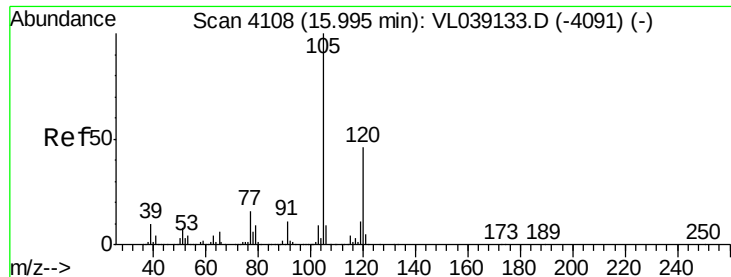
Tot Ion	Ratio	Lower	Upper
91	100		
92	35.6	43.6	65.4#
134	86.7	17.7	26.5#



#72
4-Ethyltoluene
Concen: 0.399 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.03 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

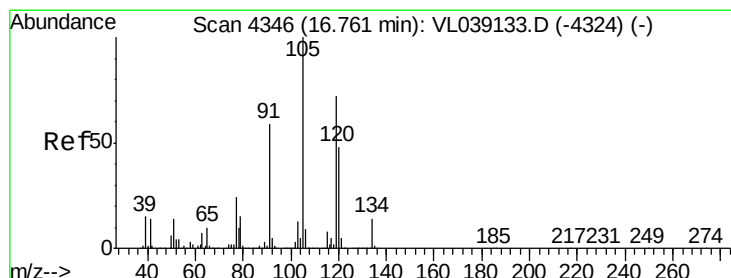
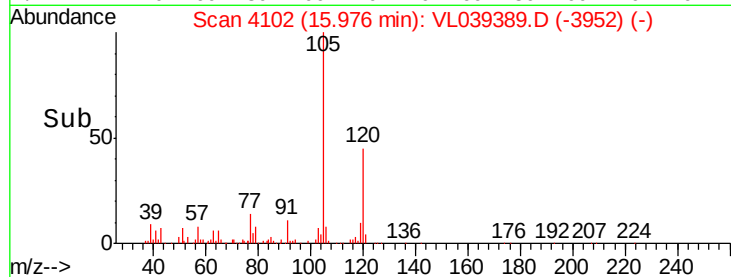
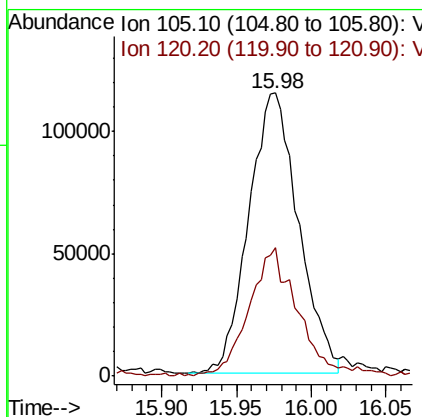
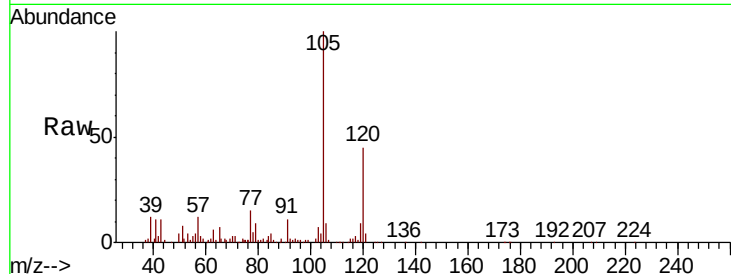
Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.6	23.9	35.9
91	13.4	10.6	16.0
77	17.7	11.7	17.5#





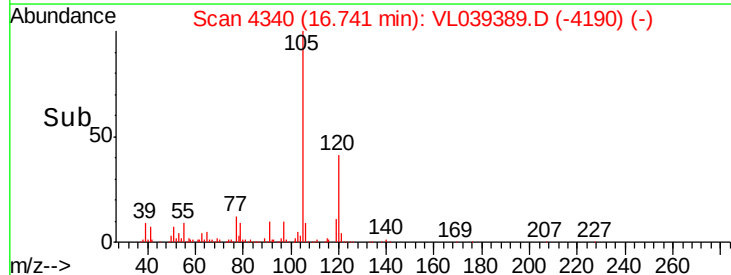
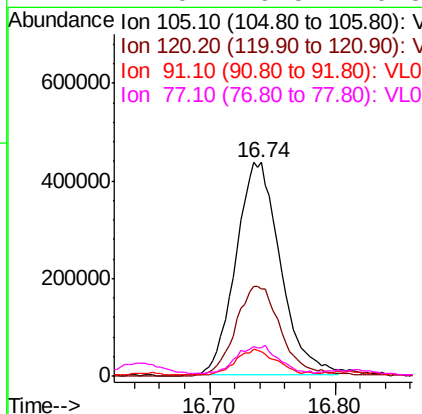
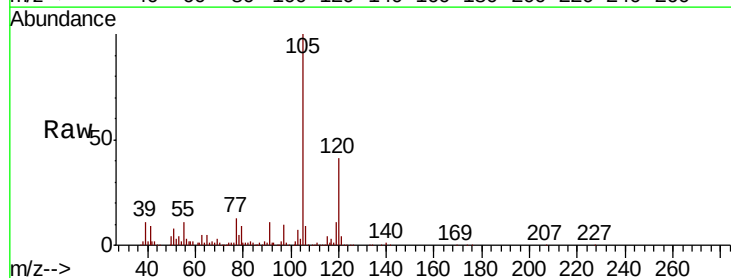
#73
 1,3,5-Trimethylbenzene
 Concen: 0.811 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : SG-2
 Acq: 28 Jun 2022 11:52

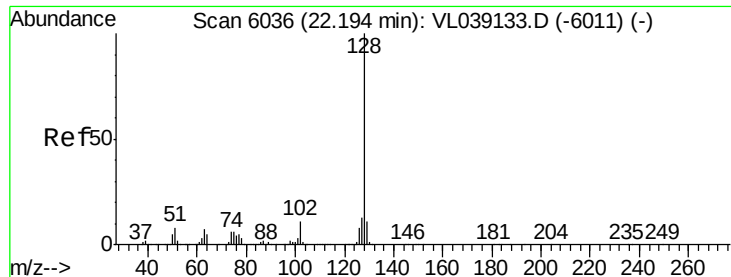
Tot Ion:105 Resp: 264653
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 2.970 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.02 min
 Lab File: VL039389.D
 Acq: 28 Jun 2022 11:52

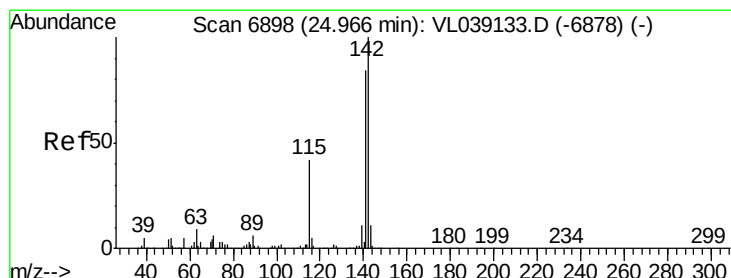
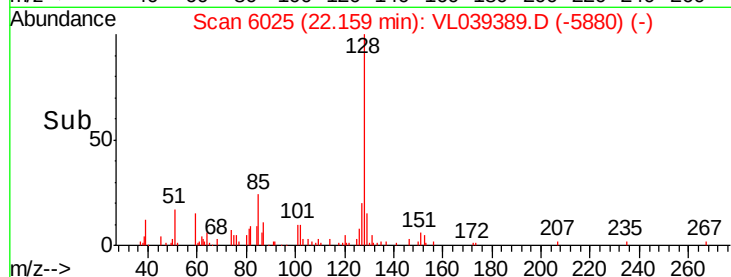
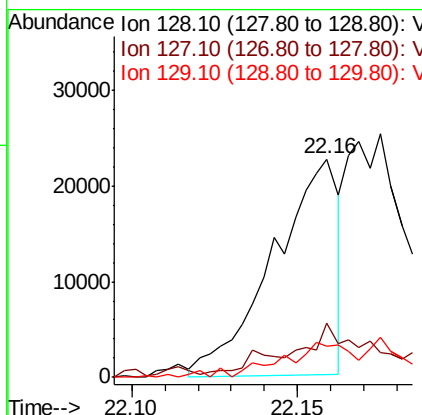
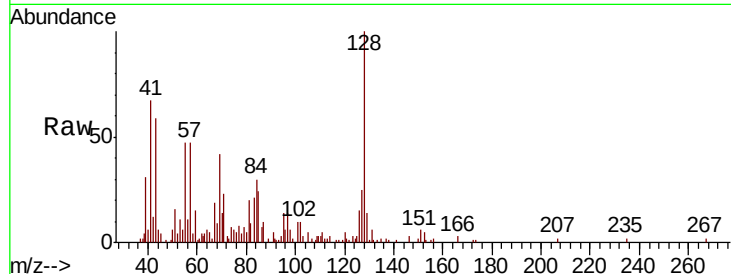
Tgt Ion:105 Resp: 1081333
 Ion Ratio Lower Upper
 105 100
 120 40.9 38.1 57.1
 91 10.9 47.4 71.0#
 77 12.0 19.5 29.3#





#79
Naphthalene
Concen: 0.110 ppbv
RT: 22.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 11:52

Tot Ion	Ratio	Lower	Upper
128	100		
127	22.6	10.4	15.6#
129	13.6	9.0	13.6#



#80
Naphthalene, 2-methyl-
Concen: 0.092 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL039389.D
Acq: 28 Jun 2022 11:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	107.8	64.6	96.8#
115	55.7	32.7	49.1#

