

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072522\
 Data File : VL039528.D
 Acq On : 25 Jul 2022 22:48
 Operator : SY/AP
 Sample : N3842-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Quant Time: Jul 26 08:06:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1145055	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3123612	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2820908	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2151799	10.28	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	52427	0.317 ppbv	97
3) Chlorodifluoromethane	2.97	51	409568	2.819 ppbv #	65
4) Chloromethane	3.15	50	58983	0.742 ppbv	99
7) Chloroethane	3.56	64	1812	0.065 ppbv	100
9) Propene	3.21	41	1286281	19.606 ppbv	95
10) Heptane	8.13	43	10930	0.071 ppbv #	1
11) Trichlorofluoromethane	3.96	101	21223	0.115 ppbv	89
13) Ethanol	3.61	45	9279606	2437.977 ppbv	74
15) Acetone	3.85	43	3978263	29.367 ppbv	97
16) 1,3-Butadiene	3.31	39	8183	0.116 ppbv #	10
17) tert-Butyl alcohol	4.31	59	42545	0.370 ppbv	94
19) Isopropyl Alcohol	3.97	45	1894210	26.214 ppbv #	95
20) Methylene Chloride	4.35	84	1148733	21.274 ppbv	97
21) Allyl Chloride	4.35	41	51130	0.545 ppbv #	29
23) Vinyl Acetate	5.07	43	163048	1.801 ppbv #	26
25) Ethyl Acetate	5.69	43	1116568	4.020 ppbv #	91
26) Hexane	5.69	57	912103	8.146 ppbv #	57
27) Carbon Disulfide	4.56	76	56045	0.415 ppbv #	82
29) Chloroform	5.76	83	736803	3.784 ppbv	97
30) Cyclohexane	7.13	84	8547	0.084 ppbv #	1
34) 2-Butanone	5.25	43	266055	1.692 ppbv #	72
35) Carbon Tetrachloride	7.02	117	6843	0.035 ppbv #	62
36) Benzene	6.90	78	44312	0.183 ppbv	97
37) 1,2-Dichloroethane	6.31	62	11770	0.082 ppbv #	81
39) 1,2-Dichloropropane	7.18	63	759453	8.409 ppbv #	26
41) Tetrahydrofuran	6.04	42	5451	0.060 ppbv #	35
42) Bromodichloromethane	7.80	83	30457	0.158 ppbv	99
44) 2,2,4-Trimethylpentane	7.87	57	39482	0.096 ppbv #	29
50) 4-Methyl-2-Pentanone	8.75	43	18476	0.078 ppbv #	65
51) 2-Hexanone	10.14	43	6894	0.038 ppbv #	29
52) Tetrachloroethene	11.22	164	19491	0.200 ppbv #	78
53) Toluene	9.81	91	324992	1.165 ppbv	98
58) Ethyl Benzene	12.72	91	127595	0.350 ppbv	99
59) m/p-Xylene	13.00	91	113173	0.352 ppbv #	32
60) o-Xylene	13.70	91	149545	0.492 ppbv	96
61) Styrene	13.53	104	20372	0.124 ppbv #	37
64) n-propylbenzene	15.56	120	6884	0.059 ppbv #	1
69) p-Isopropyltoluene	17.65	119	116383	0.238 ppbv	96
72) 4-Ethyltoluene	15.84	105	10920	0.031 ppbv #	23
73) 1,3,5-Trimethylbenzene	16.00	105	82622	0.252 ppbv	91
74) 1,2,4-Trimethylbenzene	16.76	105	206025	0.567 ppbv #	66

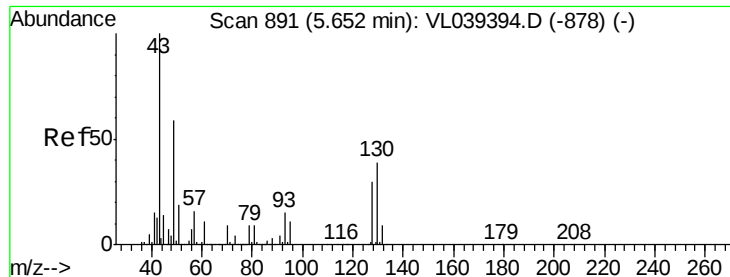
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072522\
Data File : VL039528.D
Acq On : 25 Jul 2022 22:48
Operator : SY/AP
Sample : N3842-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Quant Time: Jul 26 08:06:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3-Dichlorobenzene	17.14	146	1786331	8.244	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	1786331	8.318	ppbv	100
79) Naphthalene	22.19	128	82651	0.331	ppbv	96
80) Naphthalene,2-methyl-	24.97	142	10068	0.118	ppbv #	77

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Jul 2022 22:48

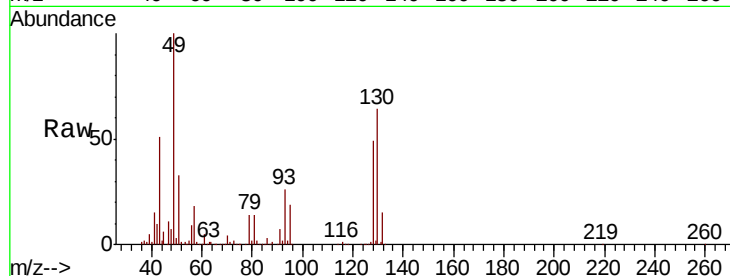
Tot Ion: 49 Resp: 1145055

Ion Ratio Lower Upper

49 100

128 51.6 26.7 80.0

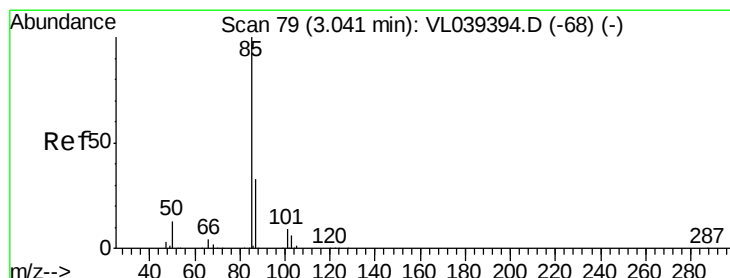
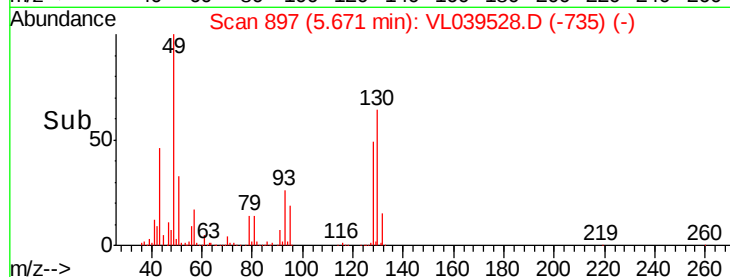
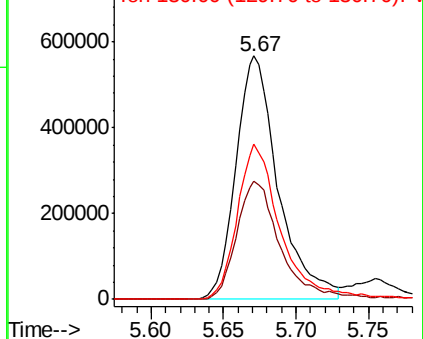
130 66.3 34.3 102.8



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: 0.317 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL039528.D

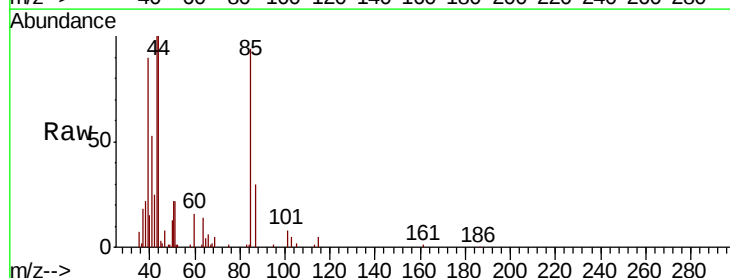
Acq: 25 Jul 2022 22:48

Tgt Ion: 85 Resp: 52427

Ion Ratio Lower Upper

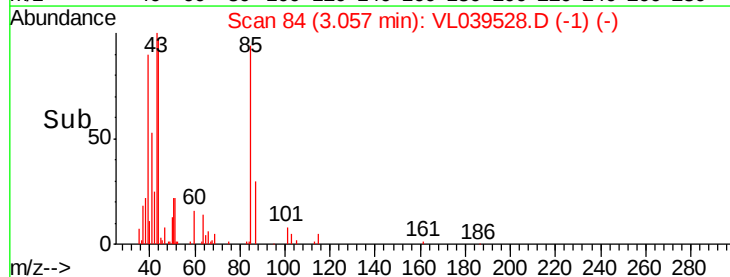
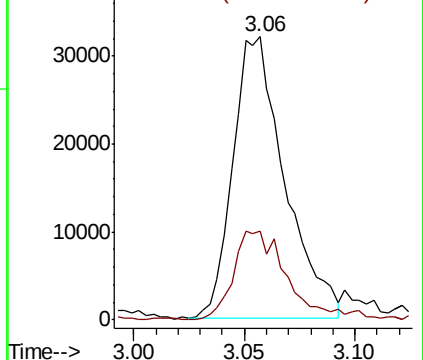
85 100

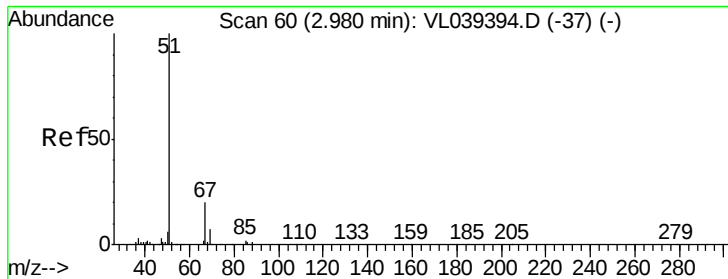
87 31.8 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 2.819 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

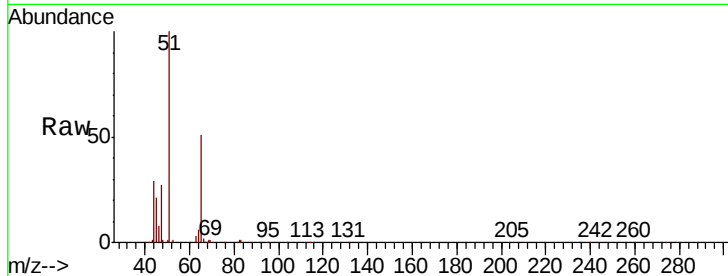
Acq: 25 Jul 2022 22:48

Tot Ion: 51 Resp: 409568

Ion Ratio Lower Upper

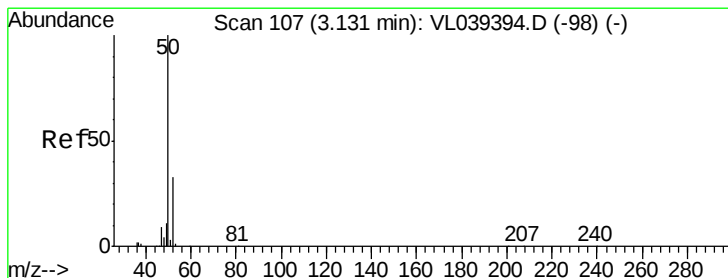
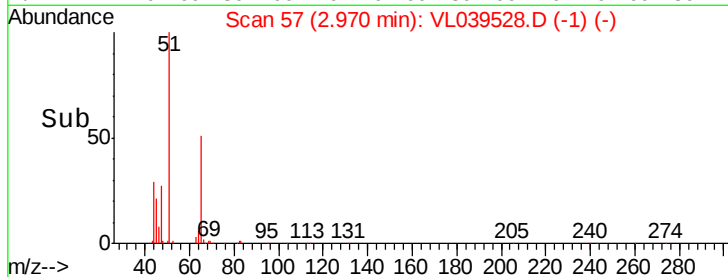
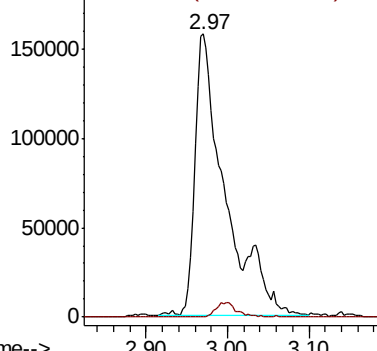
51 100

67 3.8 15.7 23.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.742 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.02 min

Lab File: VL039528.D

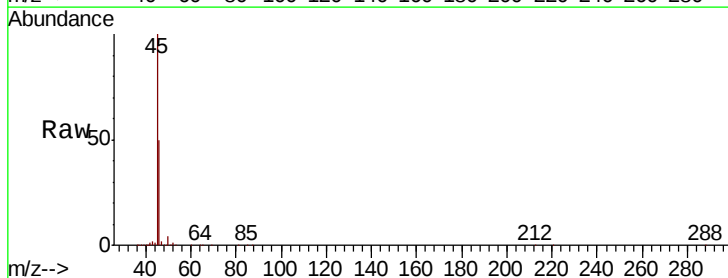
Acq: 25 Jul 2022 22:48

Tgt Ion: 50 Resp: 58983

Ion Ratio Lower Upper

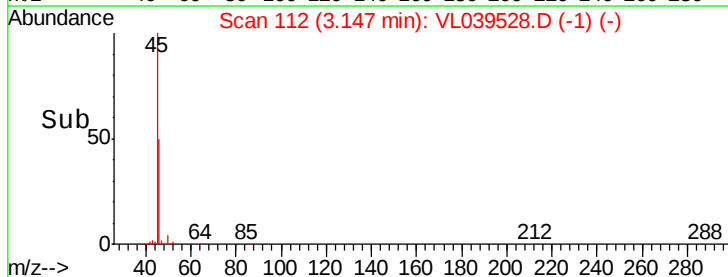
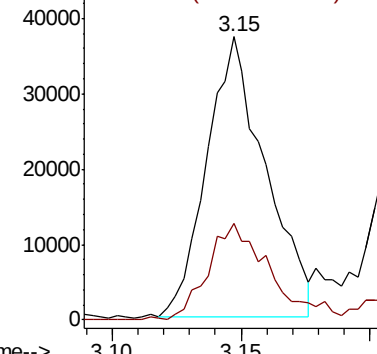
50 100

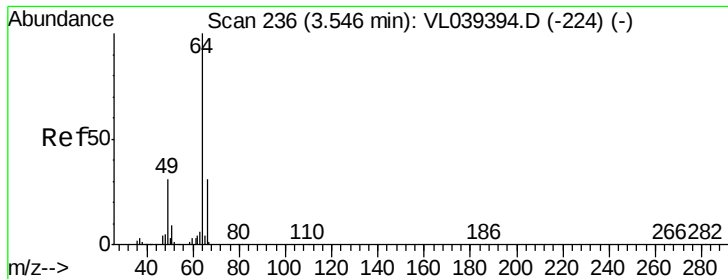
52 33.7 26.5 39.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.065 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

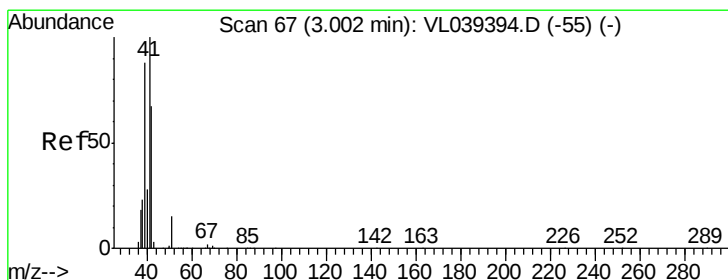
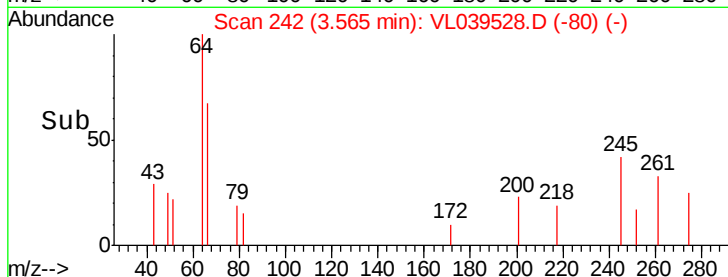
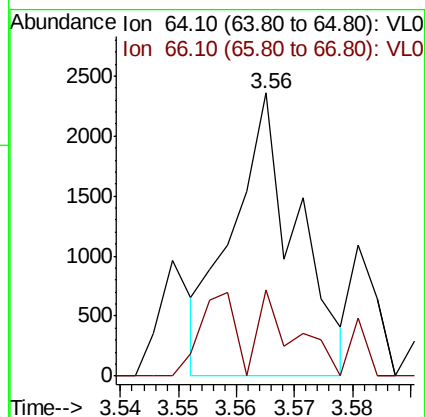
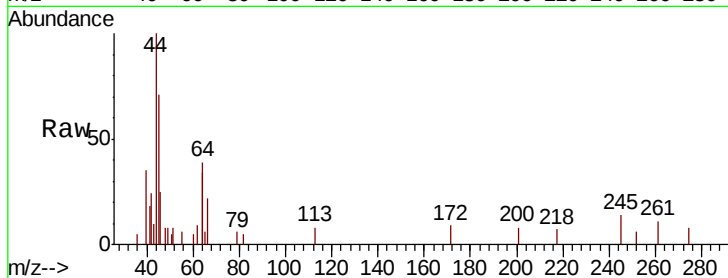
Acq: 25 Jul 2022 22:48

Tot Ion: 64 Resp: 1812

Ion Ratio Lower Upper

64 100

66 30.7 24.7 37.1



#9

Propene

Concen: 19.606 ppbv

RT: 3.21 min Scan# 132

Delta R.T. 0.21 min

Lab File: VL039528.D

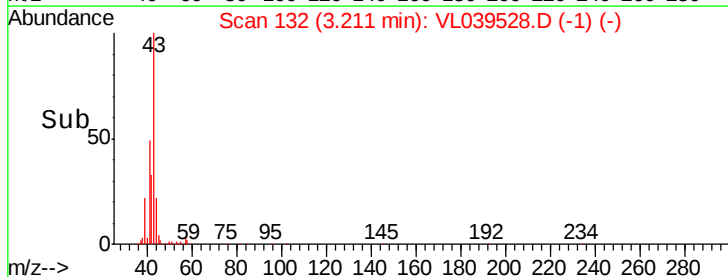
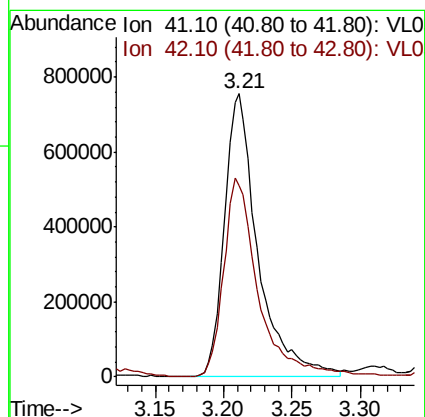
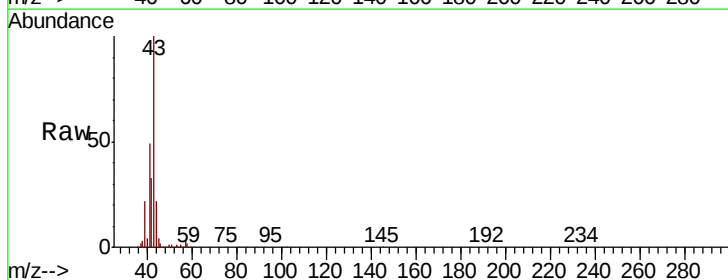
Acq: 25 Jul 2022 22:48

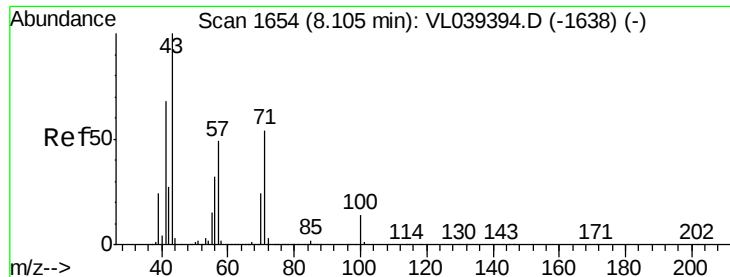
Tgt Ion: 41 Resp: 1286281

Ion Ratio Lower Upper

41 100

42 73.0 55.2 82.8





#10

Heptane

Concen: 0.071 ppbv

RT: 8.13 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

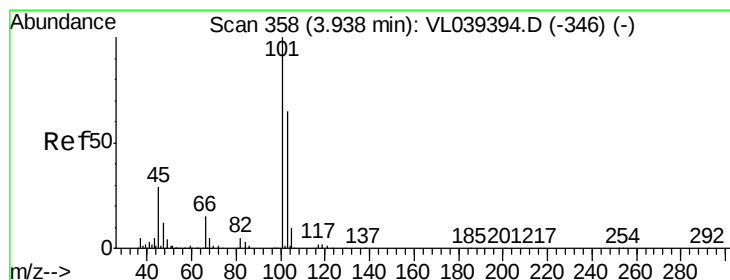
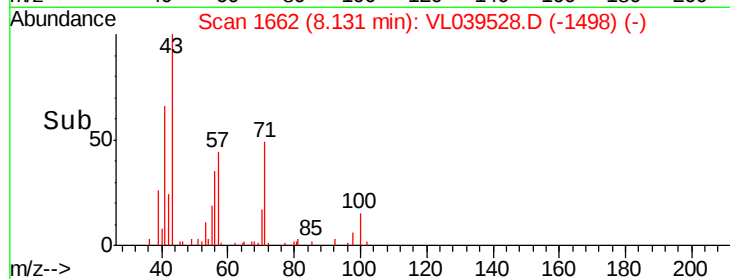
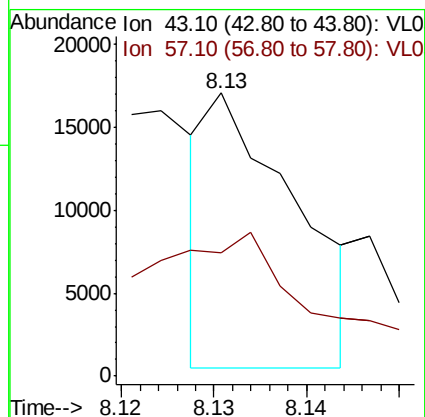
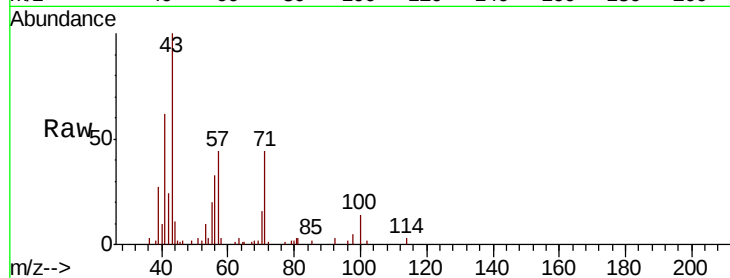
Acq: 25 Jul 2022 22:48

Tot Ion: 43 Resp: 10930

Ion Ratio Lower Upper

43 100

57 176.5 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.115 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.02 min

Lab File: VL039528.D

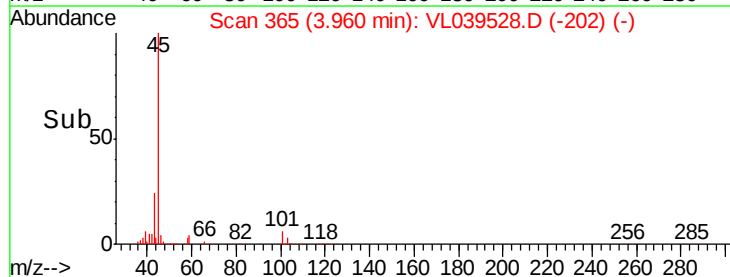
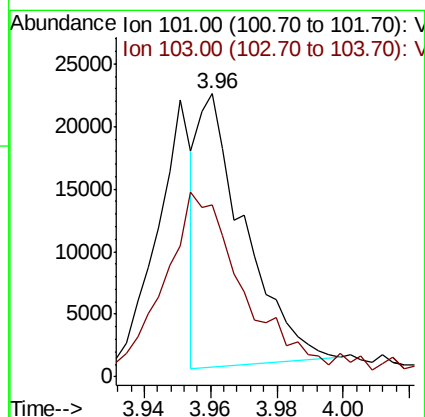
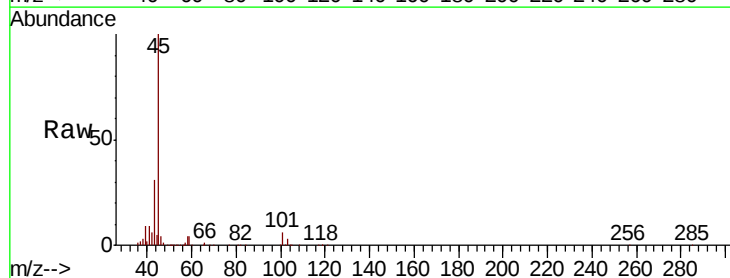
Acq: 25 Jul 2022 22:48

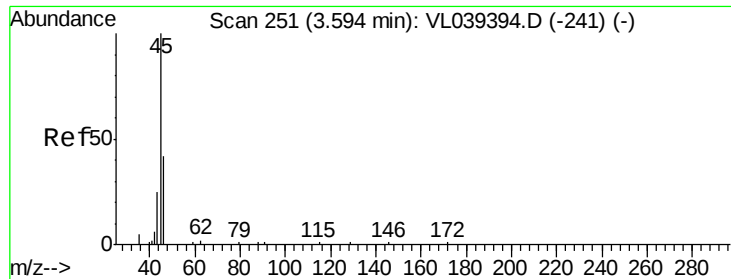
Tgt Ion: 101 Resp: 21223

Ion Ratio Lower Upper

101 100

103 56.5 51.8 77.8





#13

Ethanol

Concen: 2437.977 ppbv

RT: 3.61

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

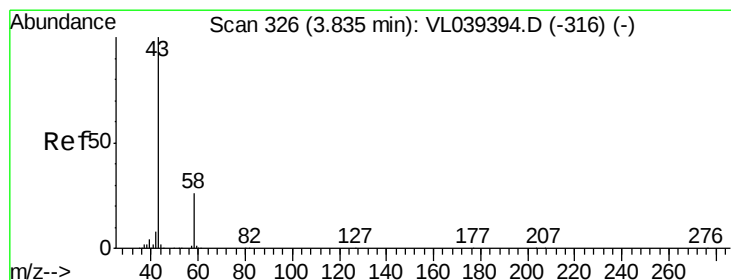
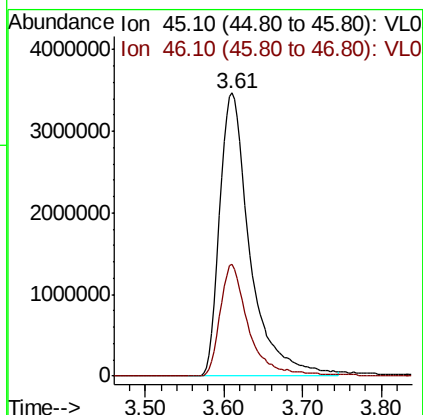
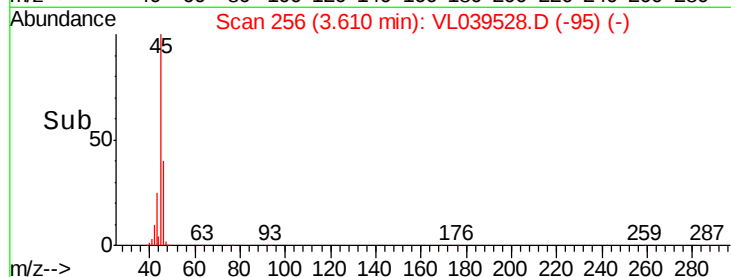
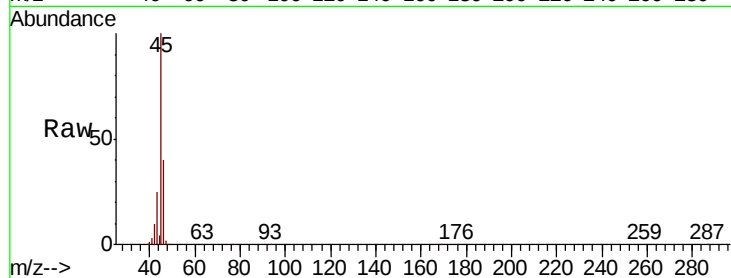
Acq: 25 Jul 2022 22:48

Tot Ion: 45 Resp: 9279606

Ion Ratio Lower Upper

45 100

46 37.6 22.8 91.2



#15

Acetone

Concen: 29.367 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL039528.D

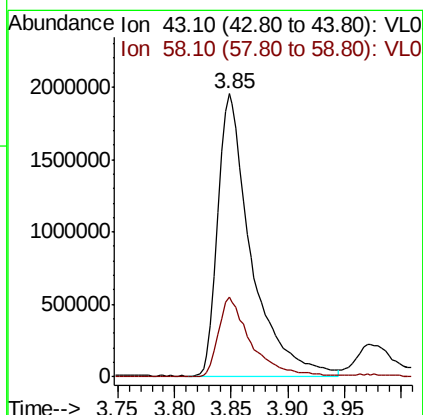
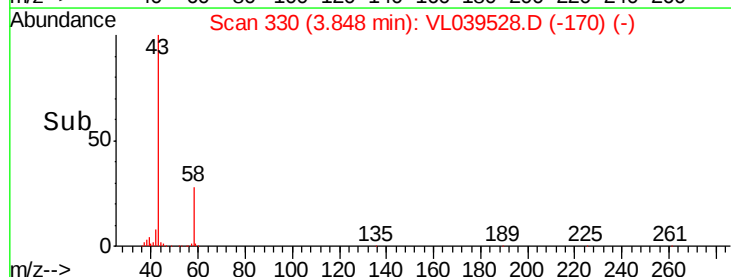
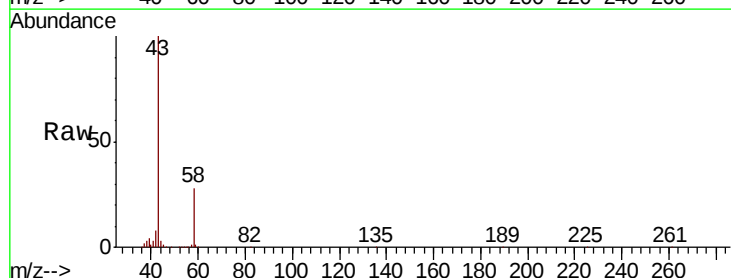
Acq: 25 Jul 2022 22:48

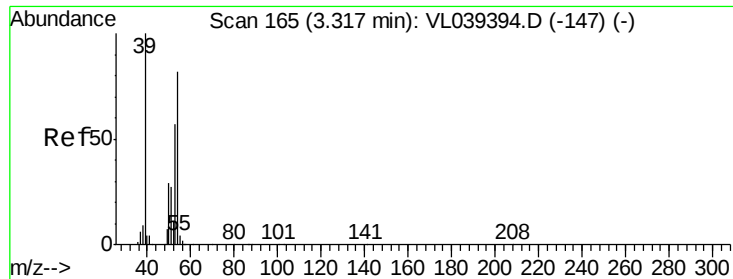
Tgt Ion: 43 Resp: 3978263

Ion Ratio Lower Upper

43 100

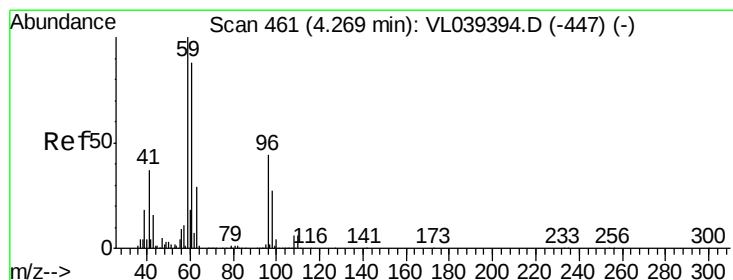
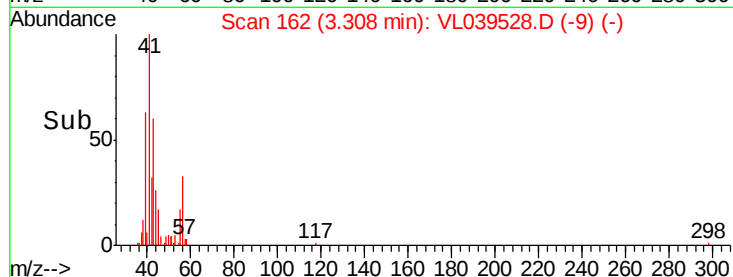
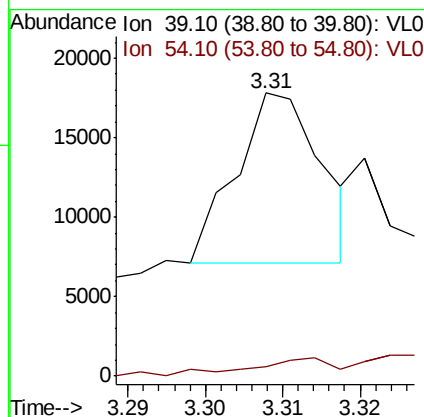
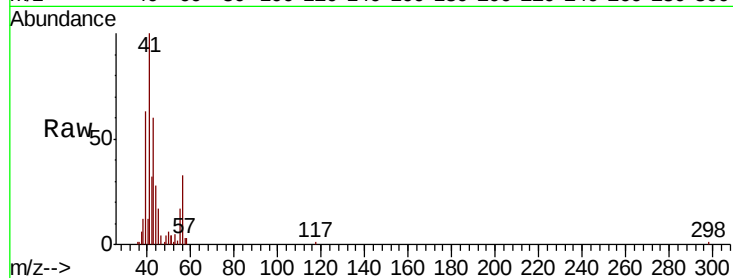
58 28.0 21.0 31.6





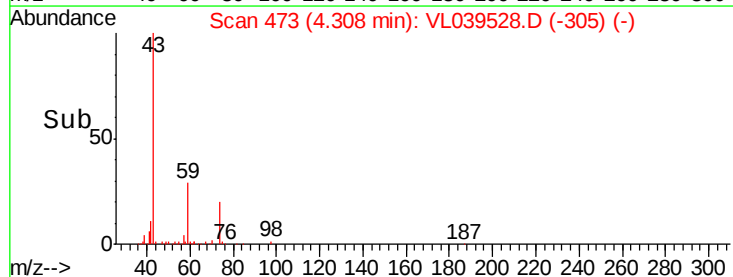
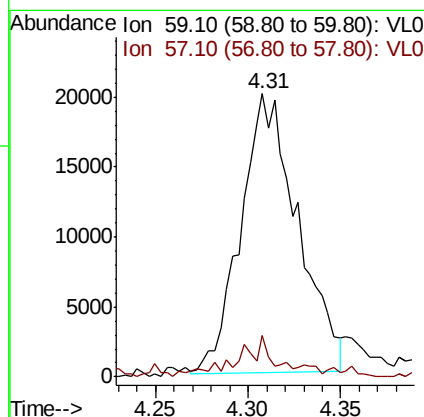
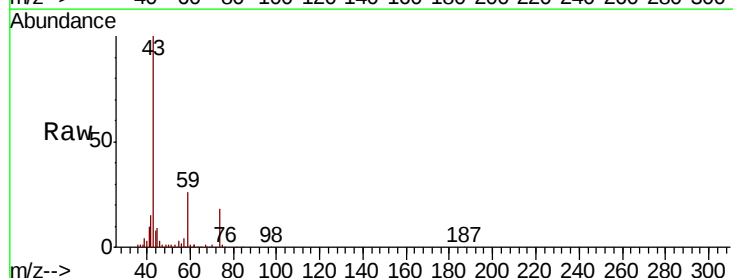
#16
 1,3-Butadiene
 Concen: 0.116 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

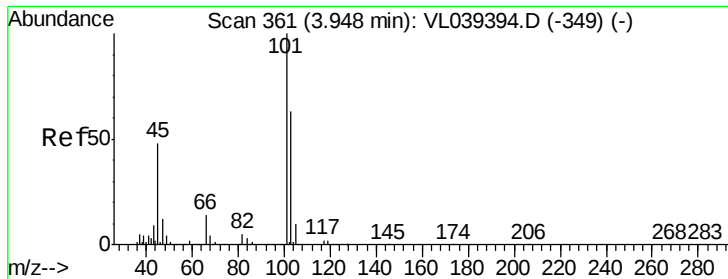
Tot Ion: 39 Resp: 8183
 Ion Ratio Lower Upper
 39 100
 54 0.0 63.7 95.5#



#17
 tert-Butyl alcohol
 Concen: 0.370 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. 0.04 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

Tgt Ion: 59 Resp: 42545
 Ion Ratio Lower Upper
 59 100
 57 13.0 8.7 13.1





#19

Isopropyl Alcohol

Concen: 26.214 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

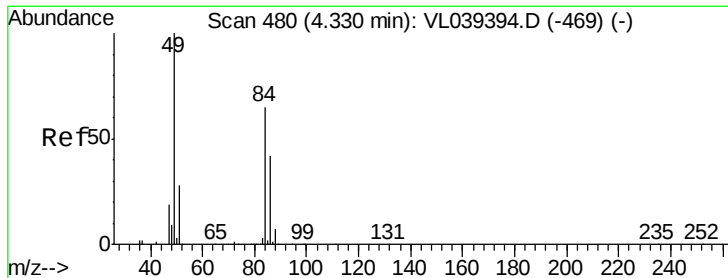
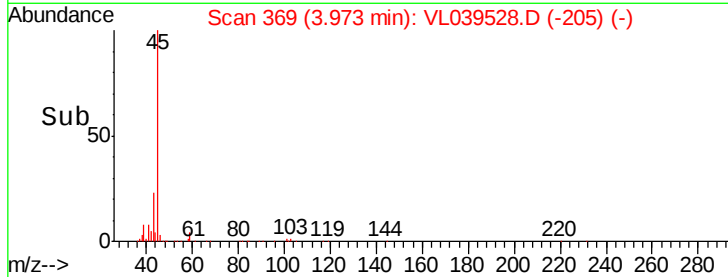
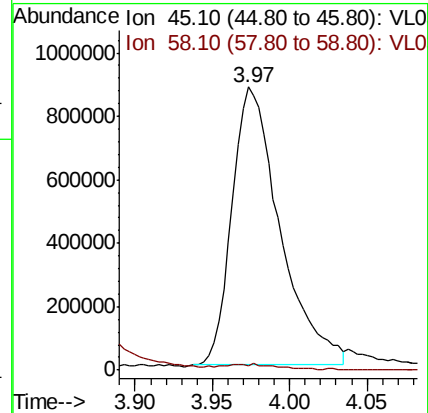
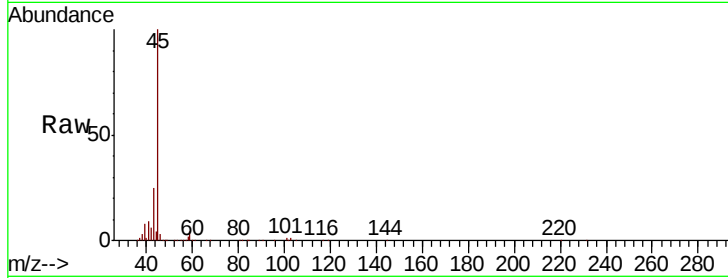
Acq: 25 Jul 2022 22:48

Tot Ion: 45 Resp: 1894210

Ion Ratio Lower Upper

45 100

58 2.3 3.2 4.8#



#20

Methylene Chloride

Concen: 21.274 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL039528.D

Acq: 25 Jul 2022 22:48

Tgt Ion: 84 Resp: 1148733

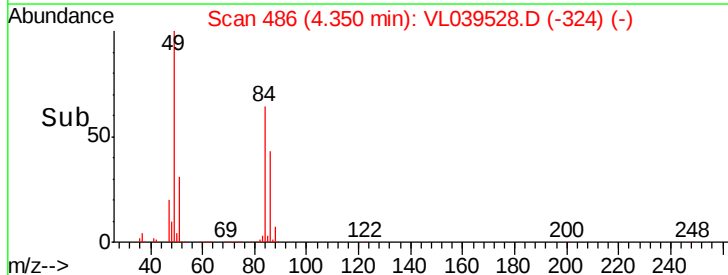
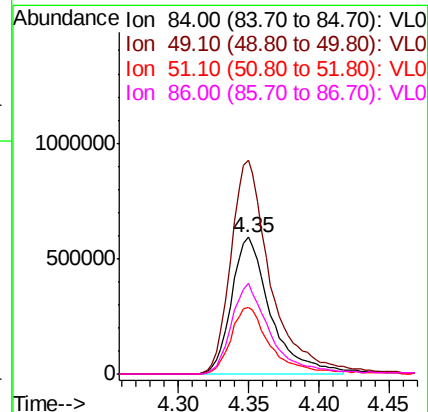
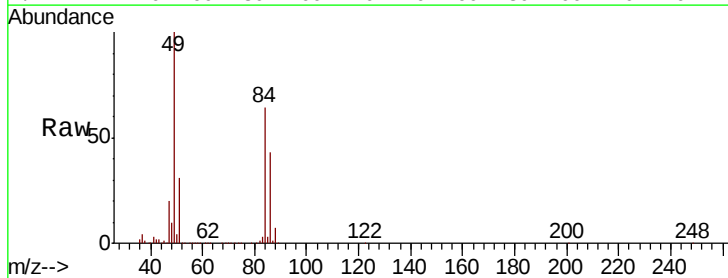
Ion Ratio Lower Upper

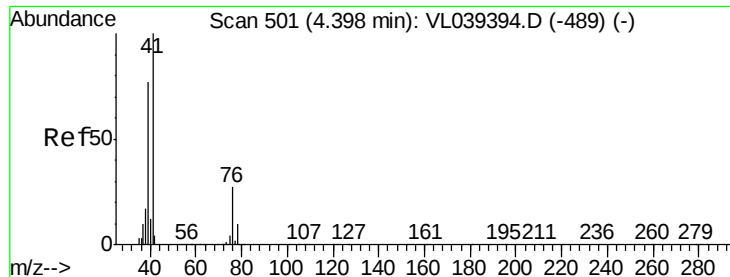
84 100

49 155.8 123.1 184.7

51 48.1 34.4 51.6

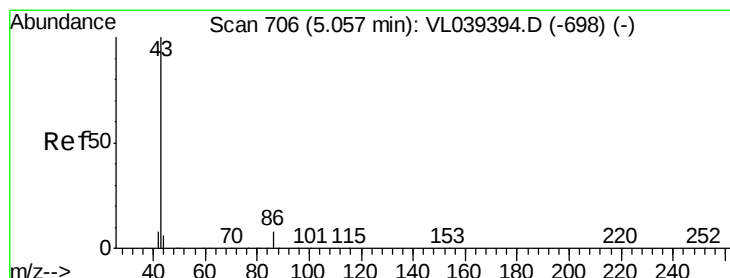
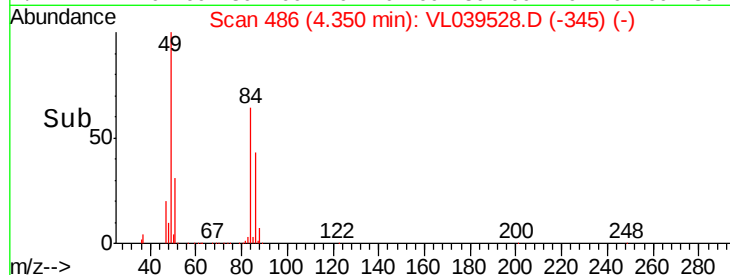
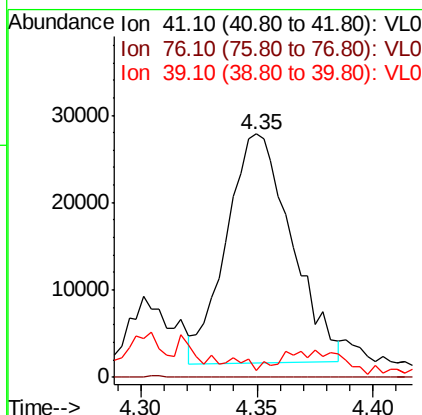
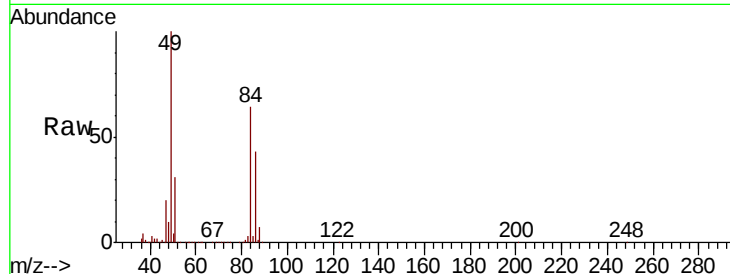
86 66.4 51.1 76.7





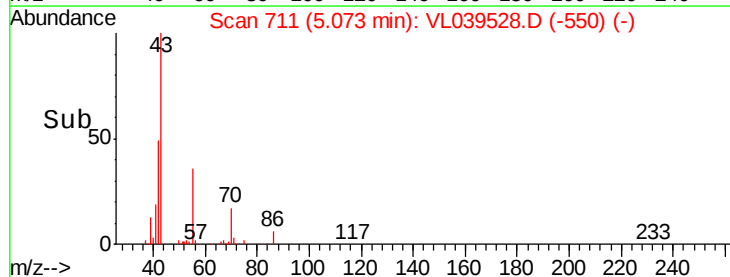
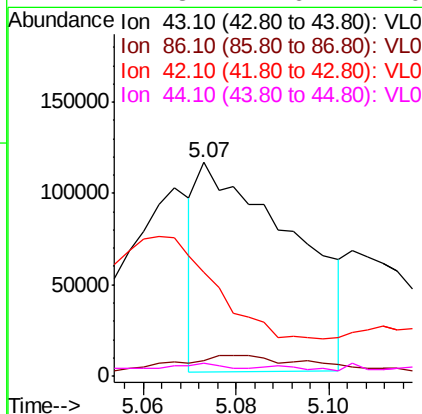
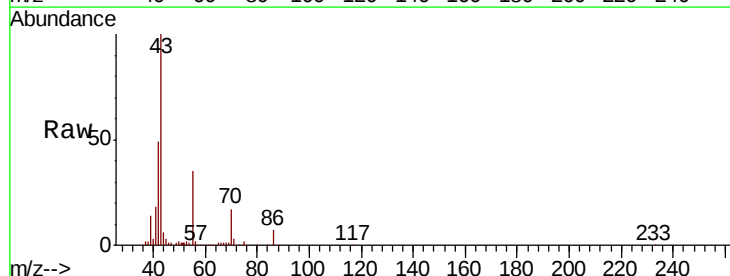
#21
Allvl Chloride
Concen: 0.545 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Jul 2022 22:48

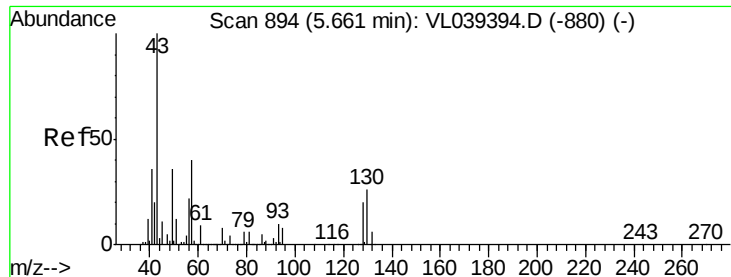
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	11.8	63.5	95.3#



#23
Vinyl Acetate
Concen: 1.801 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.02 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

Tgt Ion	Ratio	Lower	Upper
43	100		
86	4.1	5.0	7.6#
42	68.3	7.7	11.5#
44	7.3	4.6	7.0#

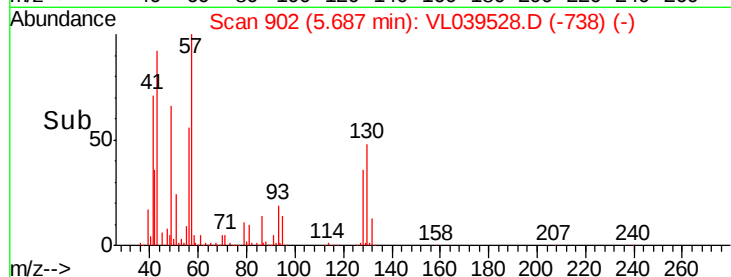
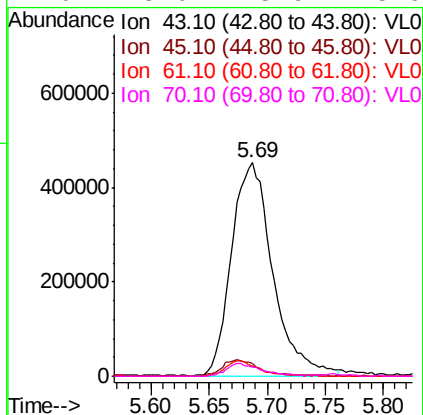
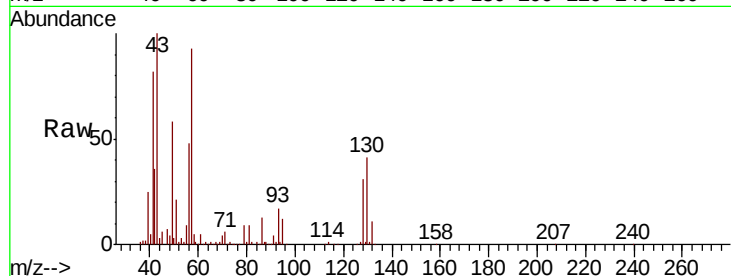




#25
Ethyl Acetate
Concen: 4.020 ppbv
RT: 5.69 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Jul 2022 22:48

Tot Ion: 43 Resp: 1116568

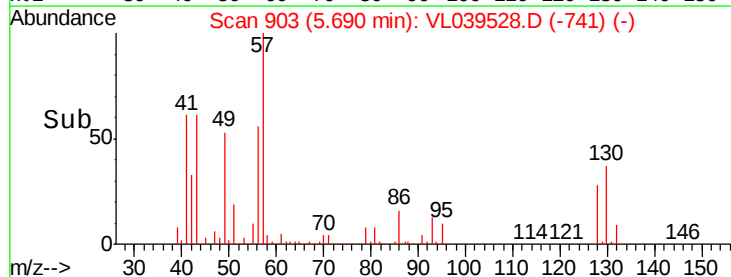
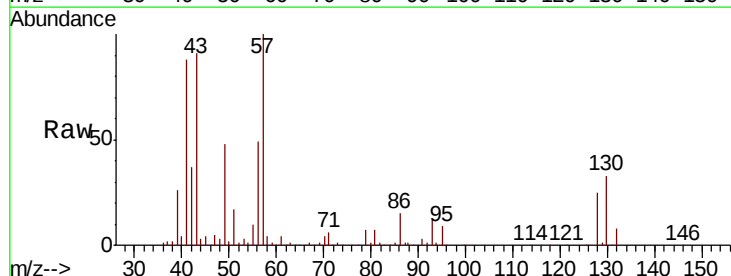
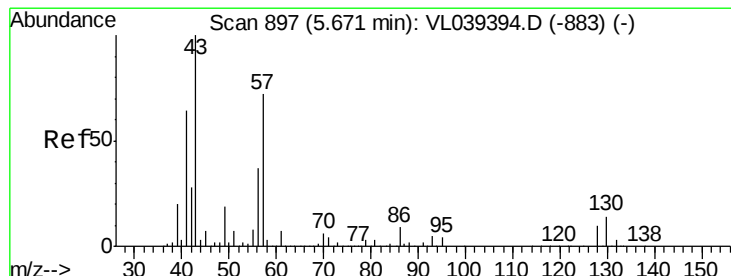
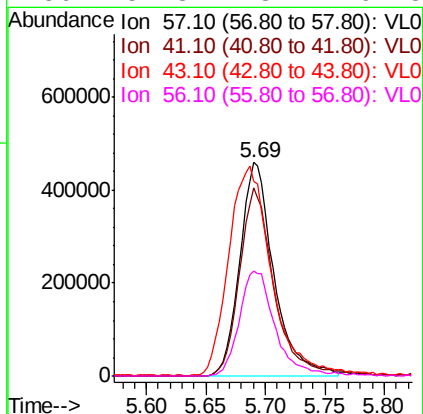
Ion	Ratio	Lower	Upper
43	100		
45	7.4	8.2	12.4#
61	6.1	8.3	12.5#
70	5.0	5.9	8.9#

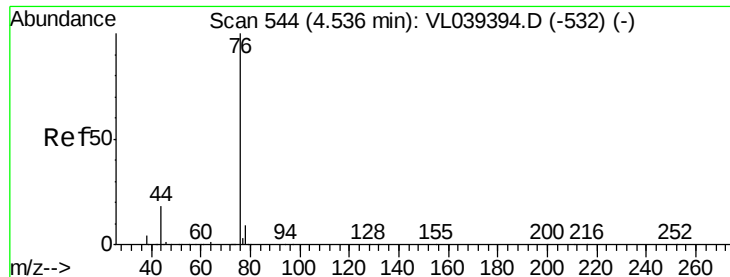


#26
Hexane
Concen: 8.146 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

Tgt Ion: 57 Resp: 912103

Ion	Ratio	Lower	Upper
57	100		
41	91.1	76.9	115.3
43	124.9	191.0	286.6#
56	52.3	43.2	64.8





#27

Carbon Disulfide

Concen: 0.415 ppbv

RT: 4.56 Instrument:

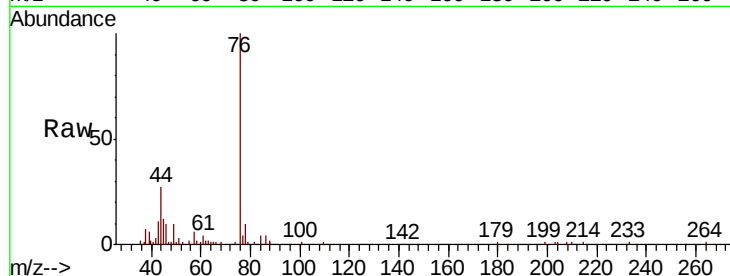
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Jul 2022 22:48

Tot Ion: 76 Resp: 56045

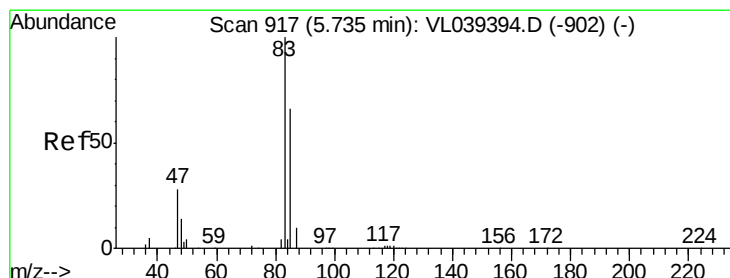
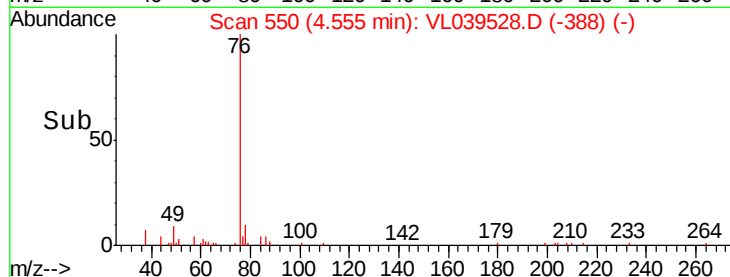
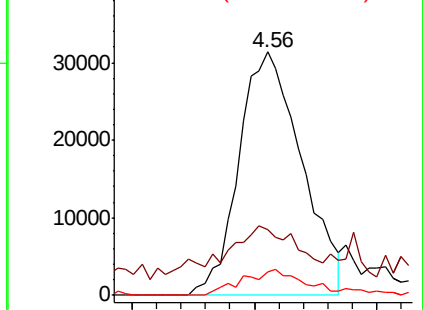
Ion	Ratio	Lower	Upper
76	100		
44	28.5	14.6	21.8#
78	12.3	7.8	11.6#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 3.784 ppbv

RT: 5.76 min Scan# 924

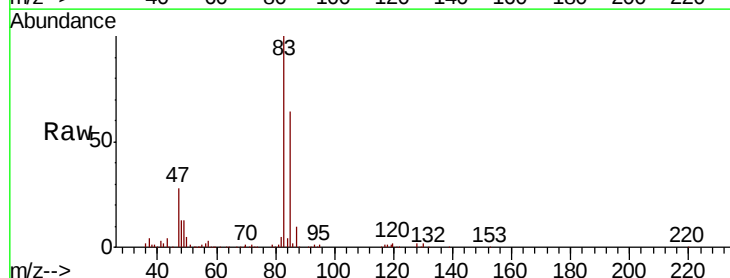
Delta R.T. 0.02 min

Lab File: VL039528.D

Acq: 25 Jul 2022 22:48

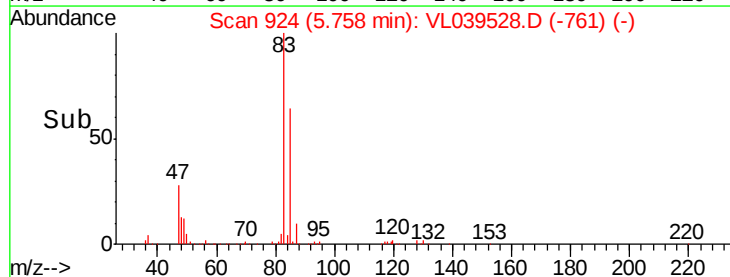
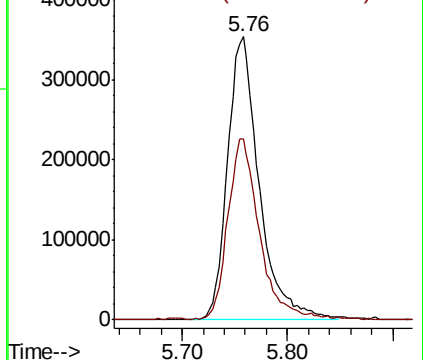
Tgt Ion: 83 Resp: 736803

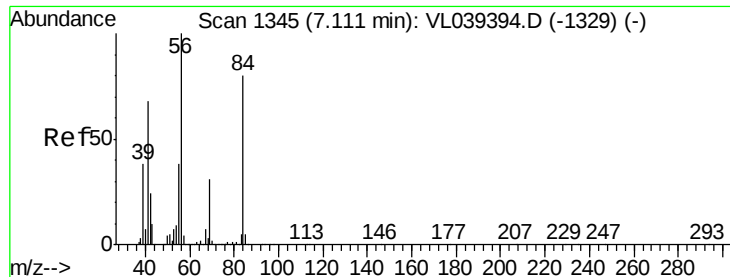
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.8	79.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

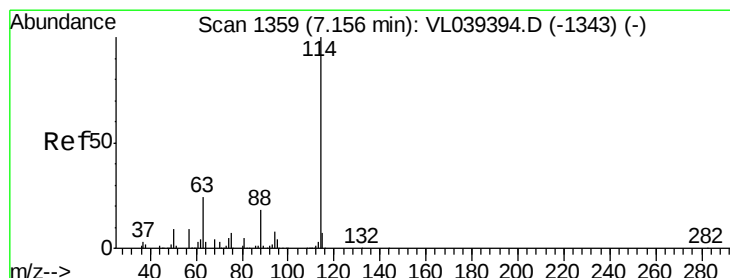
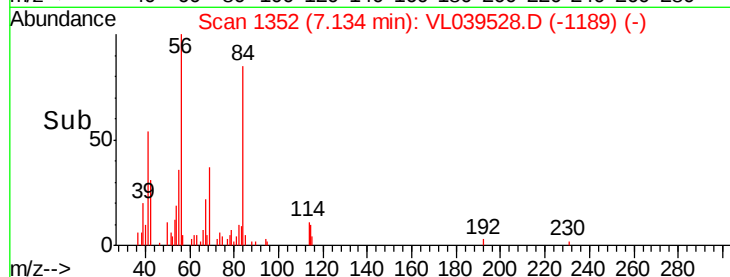
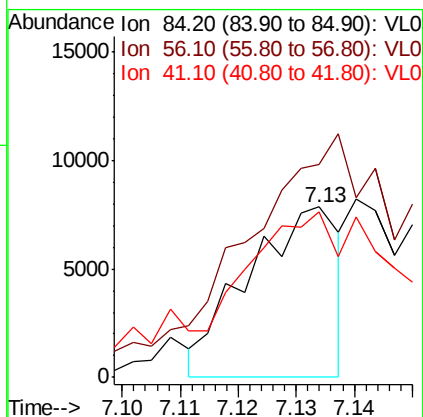
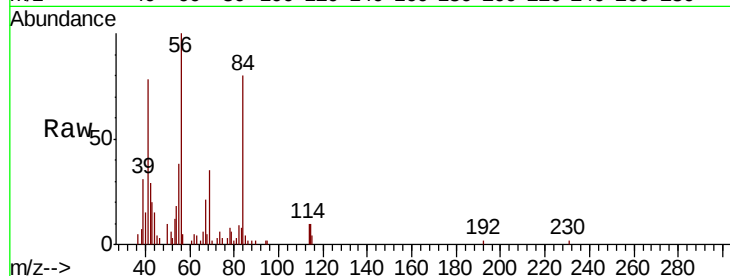
Ion 85.00 (84.70 to 85.70): VL0





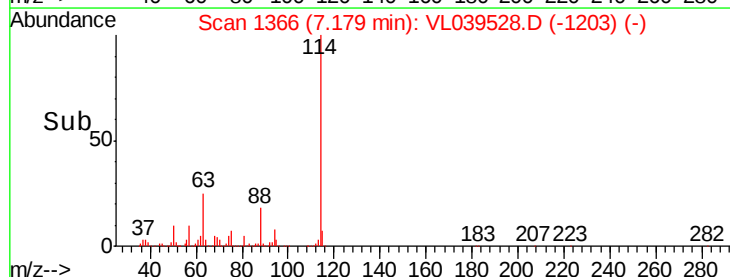
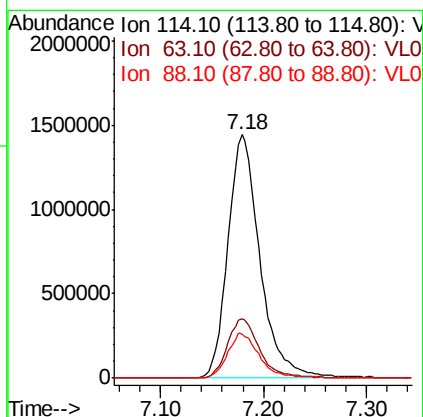
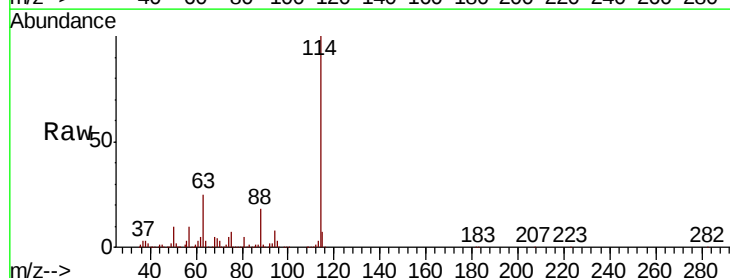
#30
Cvclohexane
Concen: 0.084 ppbv
RT: 7.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Jul 2022 22:48

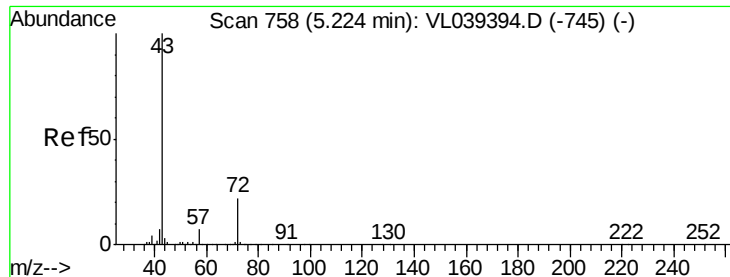
Tot Ion	84	Resp	8547
Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	202.4	67.7	101.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T.: 0.02 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

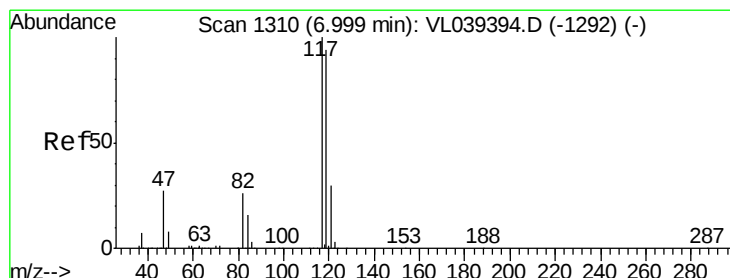
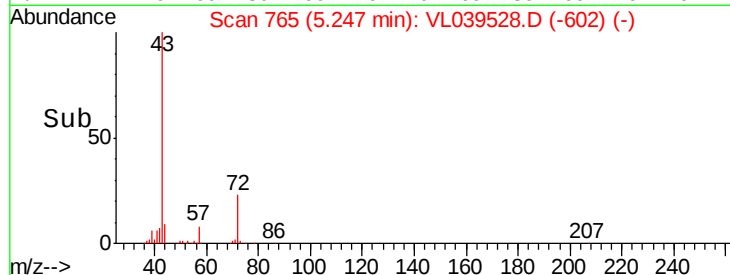
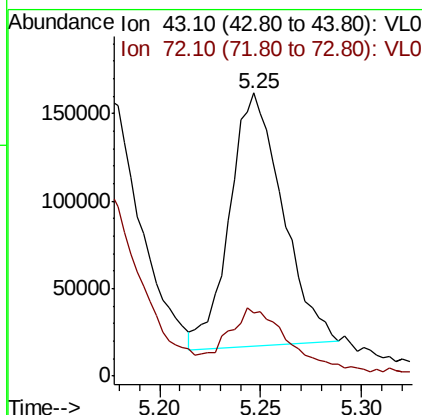
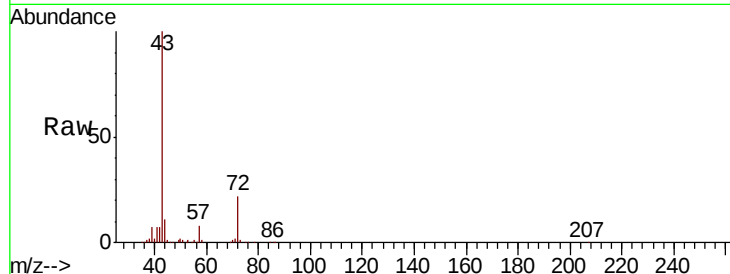
Tgt Ion	114	Resp	3123612
Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.2	30.4
88	18.4	14.5	21.7





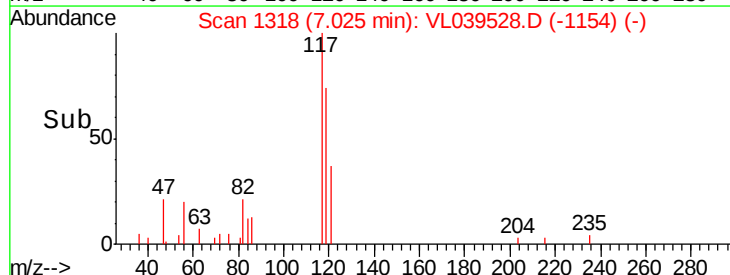
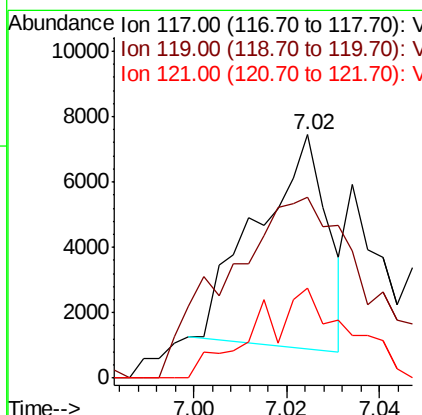
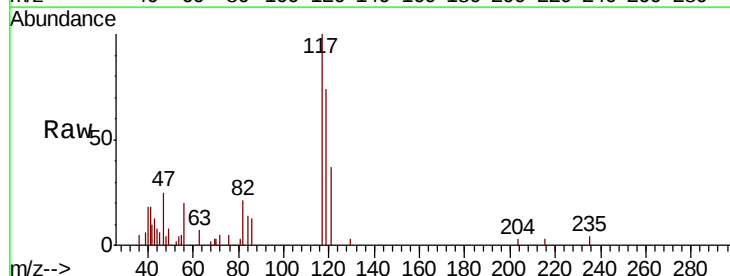
#34
 2-Butanone
 Concen: 1.692 ppbv
 RT: 5.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

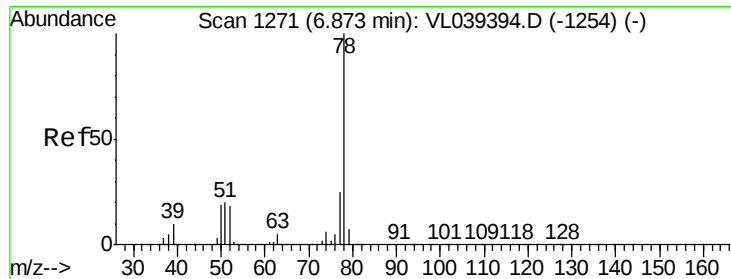
Tot Ion: 43 Resp: 266055
 Ion Ratio Lower Upper
 43 100
 72 35.6 17.9 26.9#



#35
 Carbon Tetrachloride
 Concen: 0.035 ppbv
 RT: 7.02 min Scan# 1318
 Delta R.T. 0.03 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

Tgt Ion: 117 Resp: 6843
 Ion Ratio Lower Upper
 117 100
 119 54.0 75.4 113.2#
 121 44.9 24.2 36.2#





#36

Benzene

Concen: 0.183 ppbv

RT: 6.90 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Jul 2022 22:48

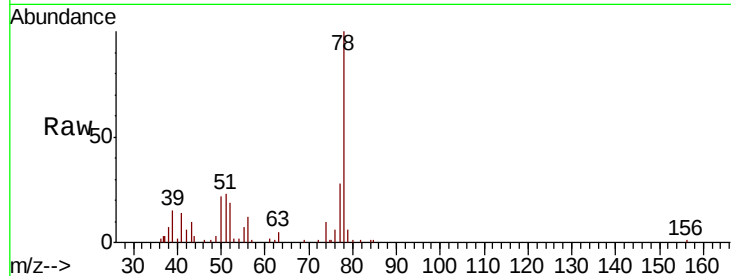
Tot Ion: 78 Resp: 44312

Ion Ratio Lower Upper

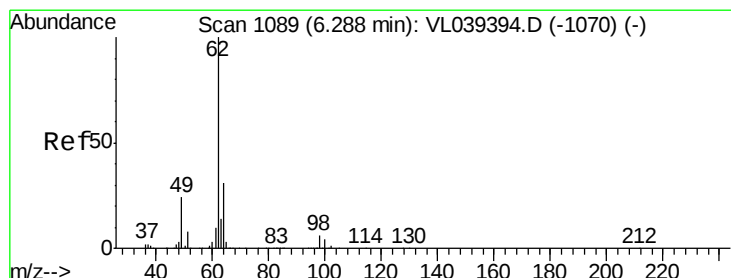
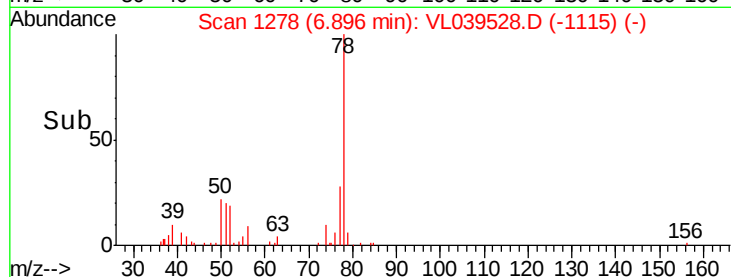
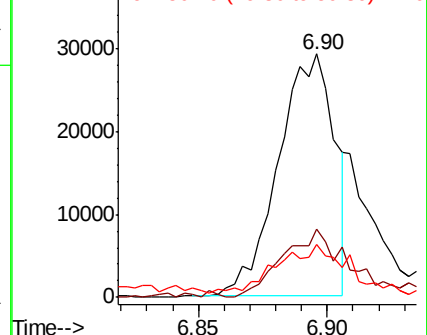
78 100

77 26.8 20.3 30.5

50 18.0 15.5 23.3



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 0.082 ppbv

RT: 6.31 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VL039528.D

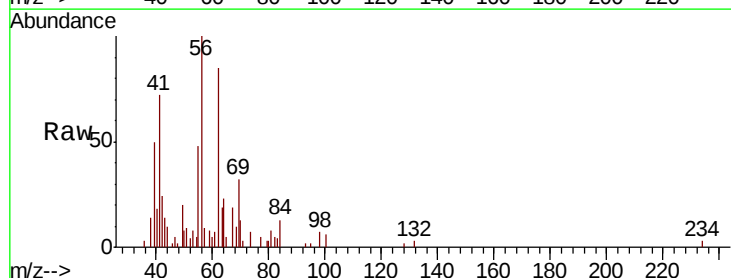
Acq: 25 Jul 2022 22:48

Tgt Ion: 62 Resp: 11770

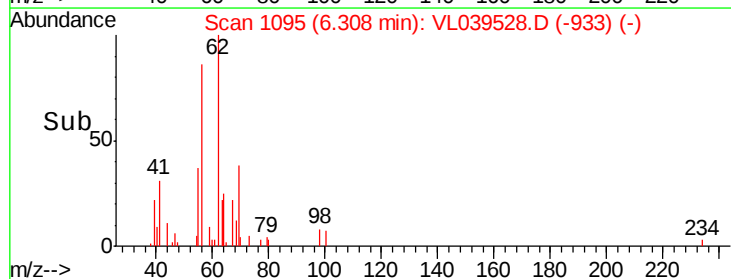
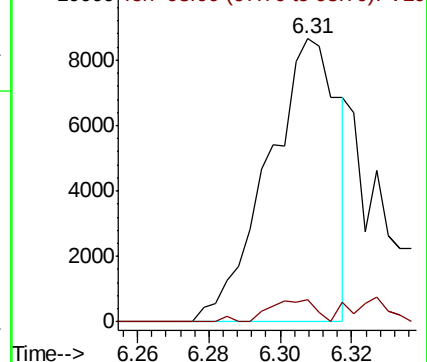
Ion Ratio Lower Upper

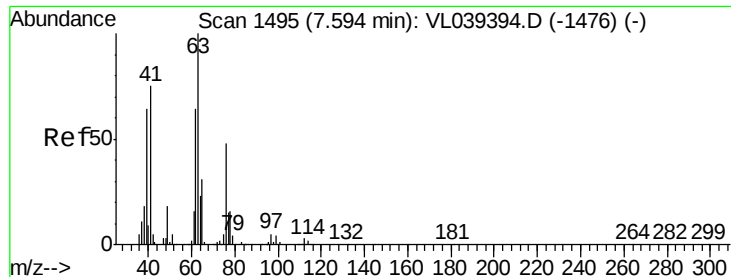
62 100

98 0.0 5.1 7.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#39

1,2-Dichloropropane

Concen: 8.409 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Jul 2022 22:48

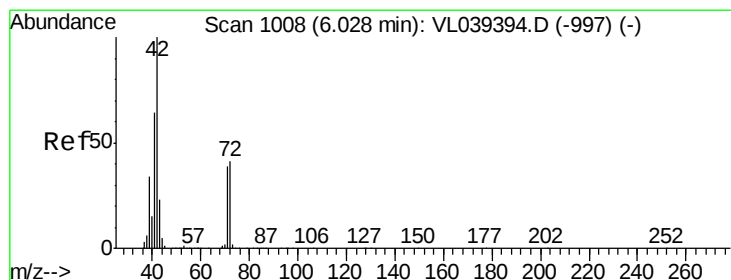
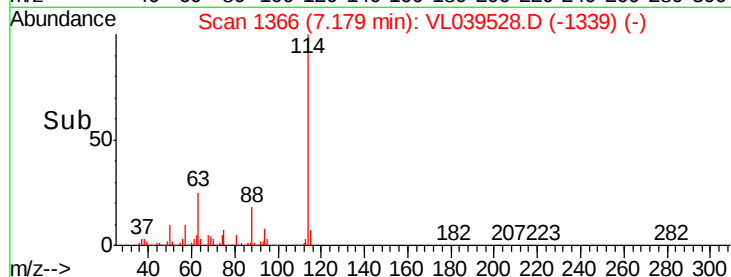
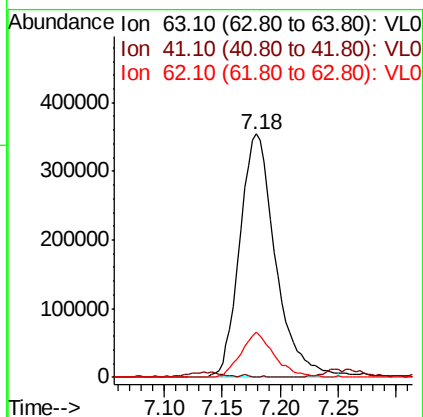
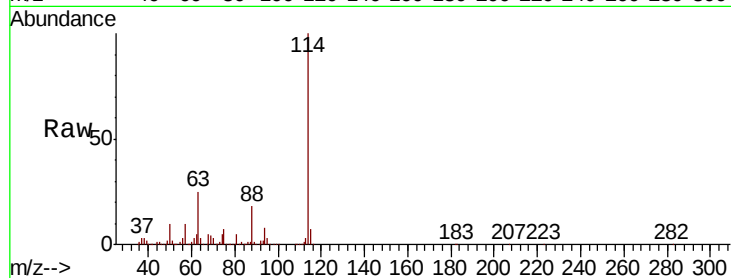
Tot Ion: 63 Resp: 759453

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 18.6 51.4 77.0#



#41

Tetrahydrofuran

Concen: 0.060 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. 0.02 min

Lab File: VL039528.D

Acq: 25 Jul 2022 22:48

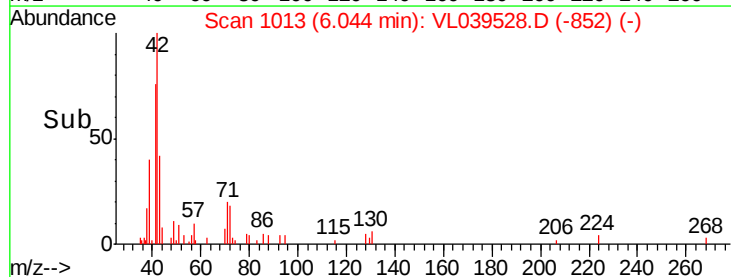
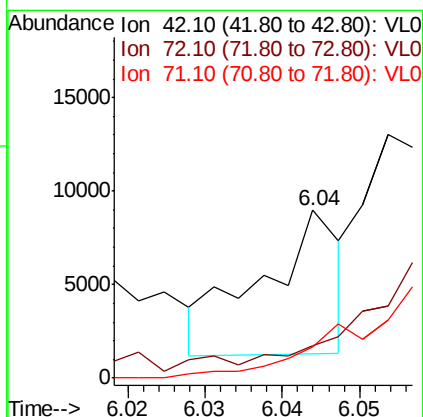
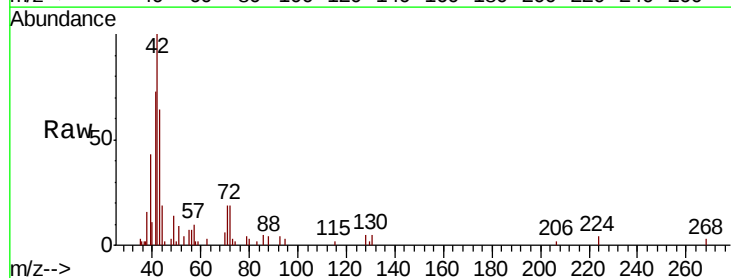
Tgt Ion: 42 Resp: 5451

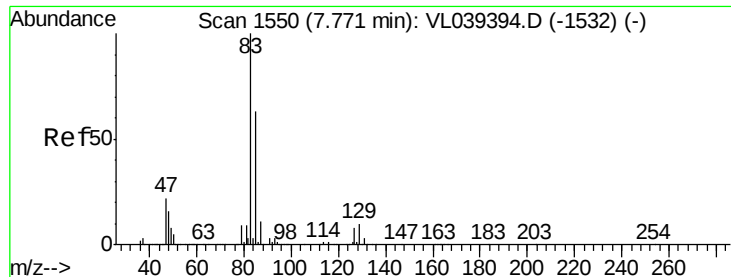
Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

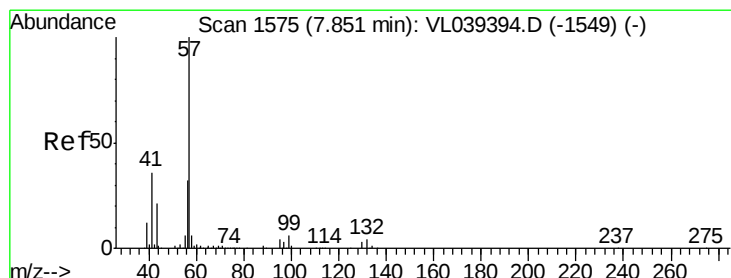
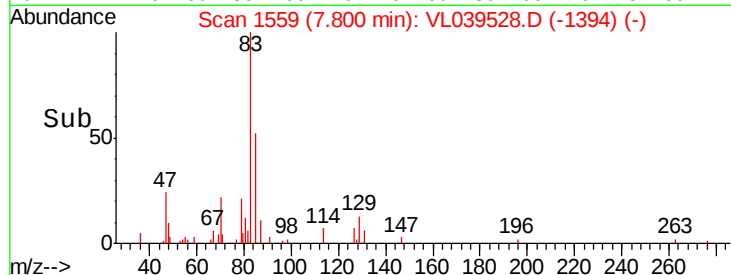
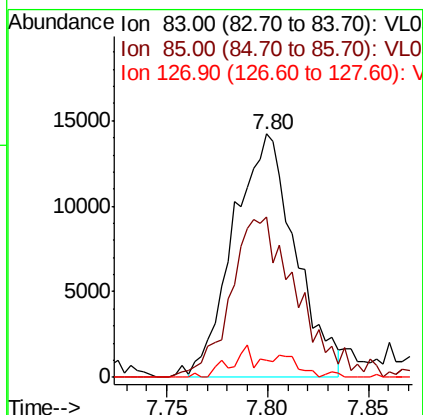
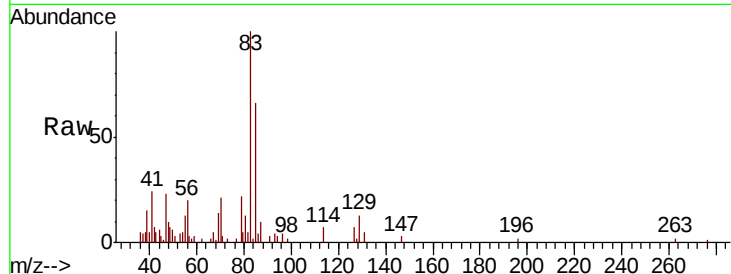
71 0.0 31.8 47.8#





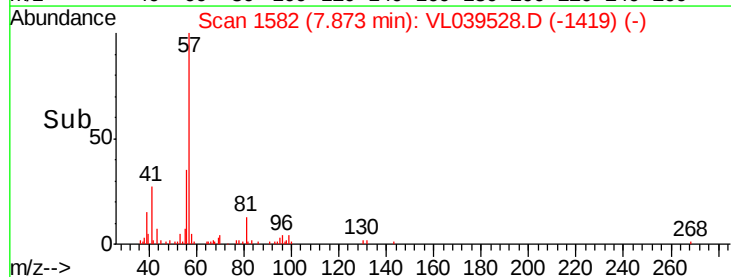
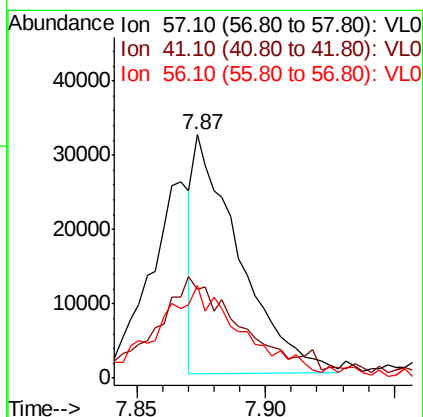
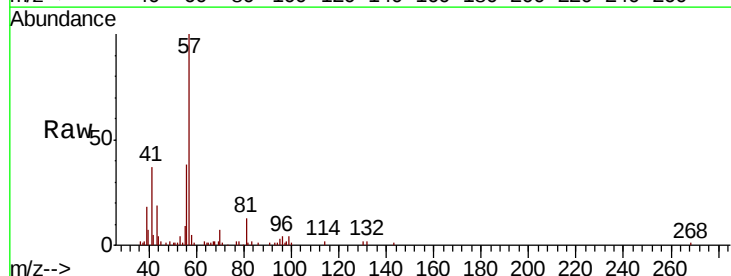
#42
 Bromodichloromethane
 Concen: 0.158 ppbv
 RT: 7.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

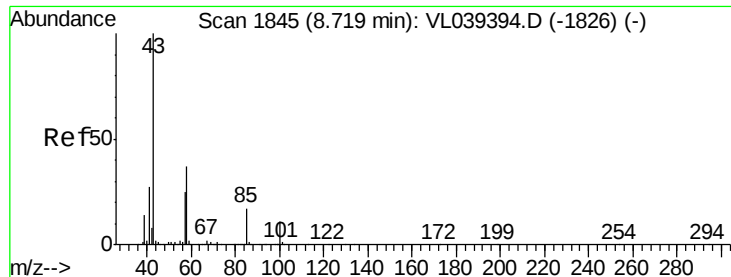
Tot Ion:	83	Resp:	30457
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1
127	7.2	6.6	9.8



#44
 2,2,4-Trimethylpentane
 Concen: 0.096 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T.: 0.02 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

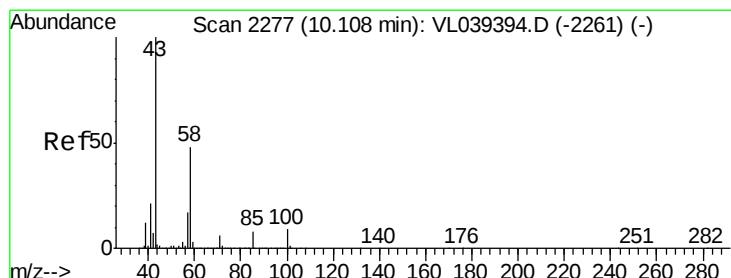
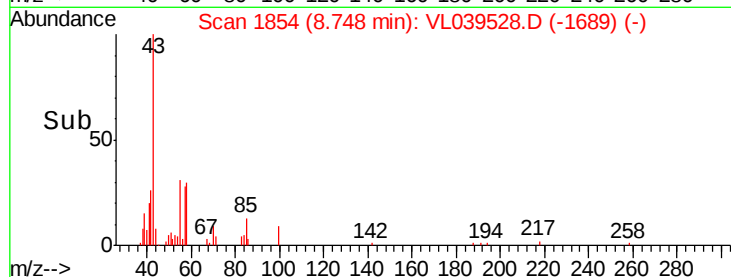
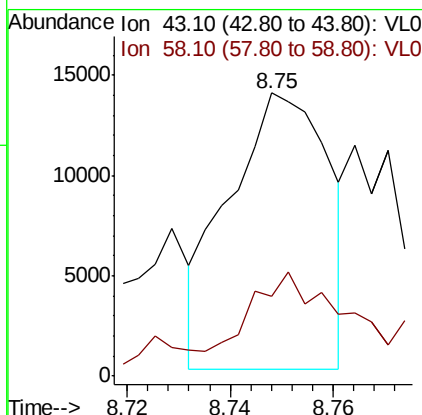
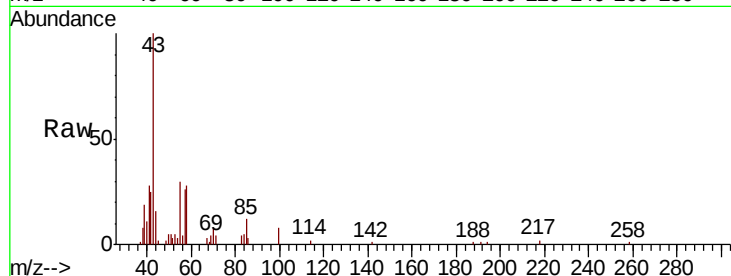
Tgt Ion:	57	Resp:	39482
Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.4	41.2#
56	76.8	24.5	36.7#





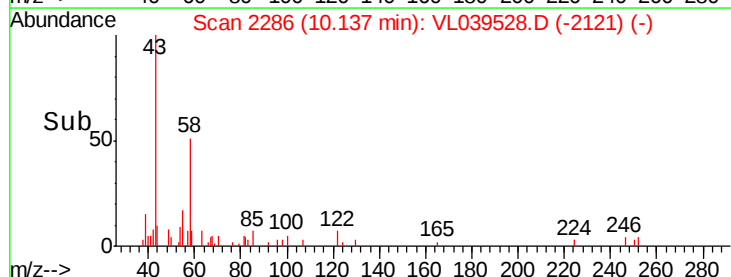
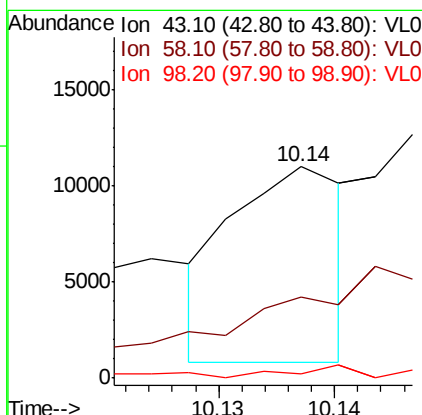
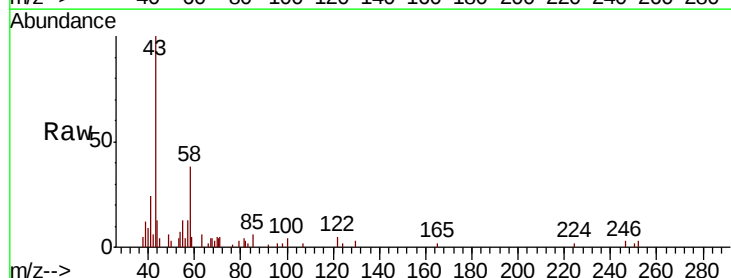
#50
 4-Methyl-2-Pentanone
 Concen: 0.078 ppbv
 RT: 8.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

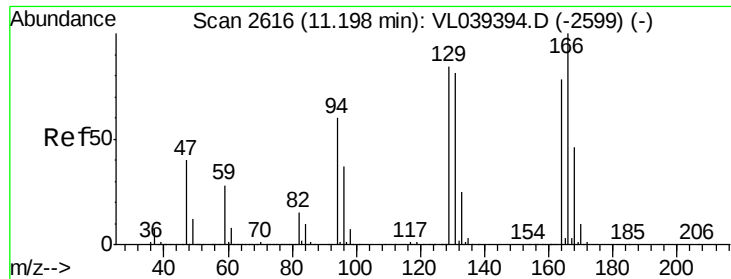
Tot Ion: 43 Resp: 18476
 Ion Ratio Lower Upper
 43 100
 58 56.7 28.8 43.2#



#51
 2-Hexanone
 Concen: 0.038 ppbv
 RT: 10.14 min Scan# 2286
 Delta R.T. 0.03 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

Tgt Ion: 43 Resp: 6894
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.4 57.6#
 98 0.0 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.200 ppbv

RT: 11.22

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Jul 2022 22:48

Tot Ion:164 Resp: 19491

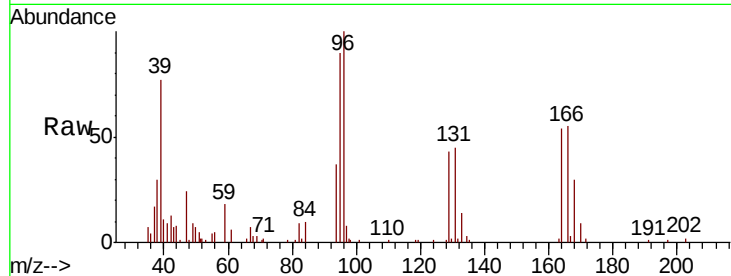
Ion Ratio Lower Upper

164 100

166 99.6 102.2 153.2#

129 81.4 85.8 128.8#

131 86.7 83.3 124.9



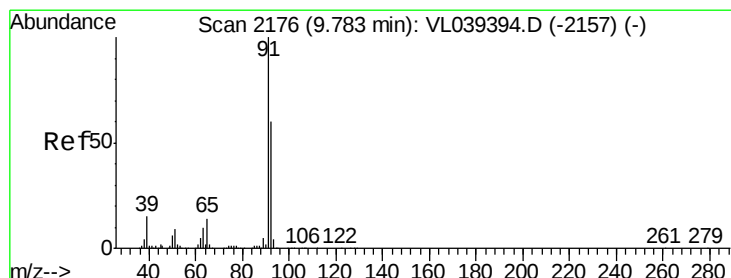
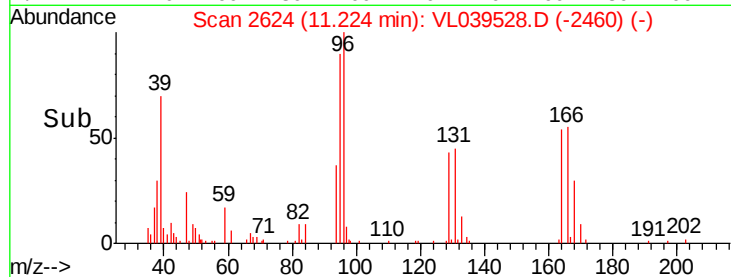
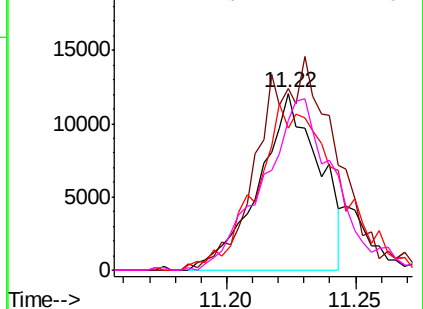
Abundance

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: 1.165 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.03 min

Lab File: VL039528.D

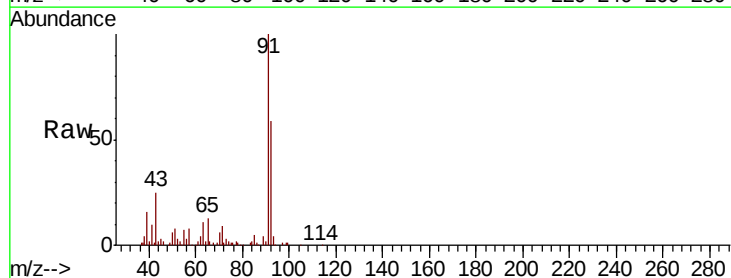
Acq: 25 Jul 2022 22:48

Tgt Ion: 91 Resp: 324992

Ion Ratio Lower Upper

91 100

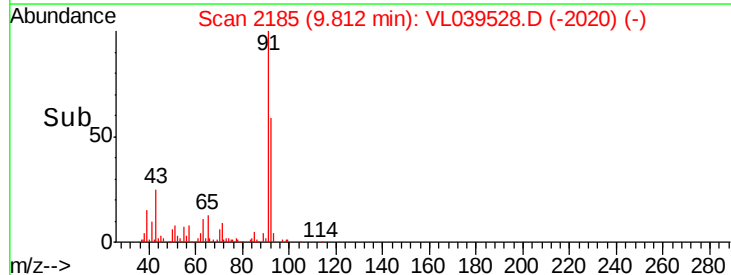
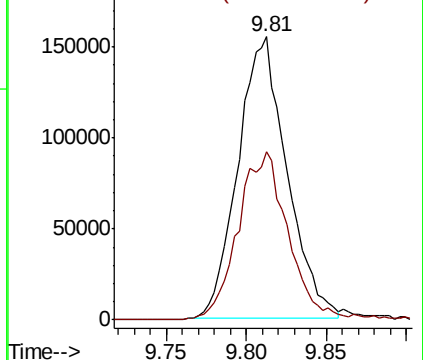
92 61.7 48.2 72.2

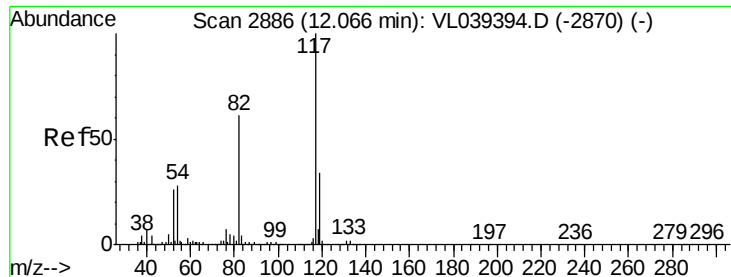


Abundance

Ion 91.10 (90.80 to 91.80): VL0

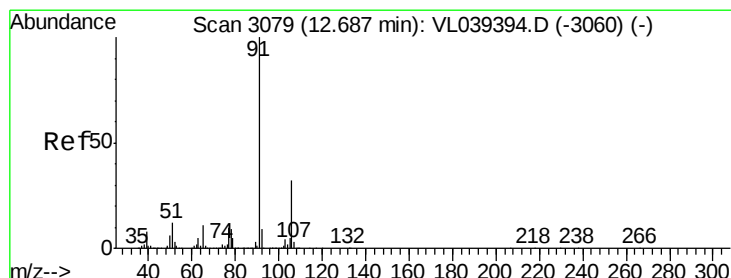
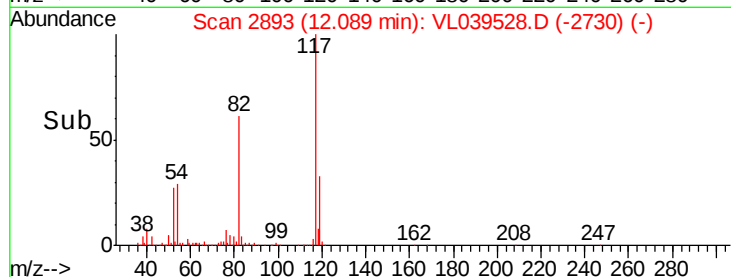
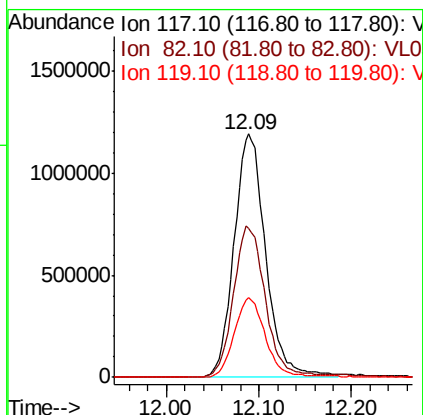
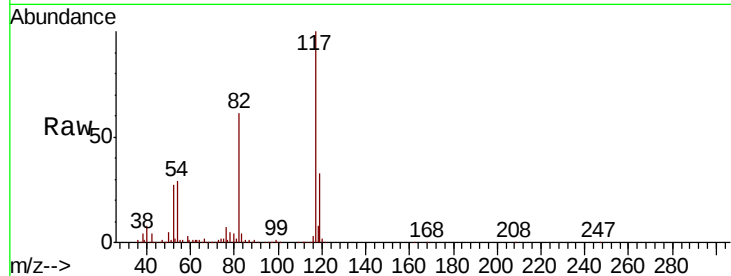
Ion 92.10 (91.80 to 92.80): VL0





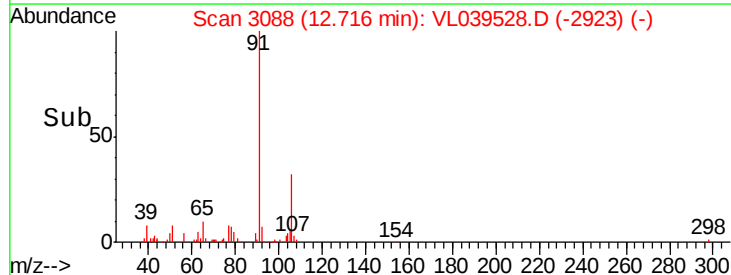
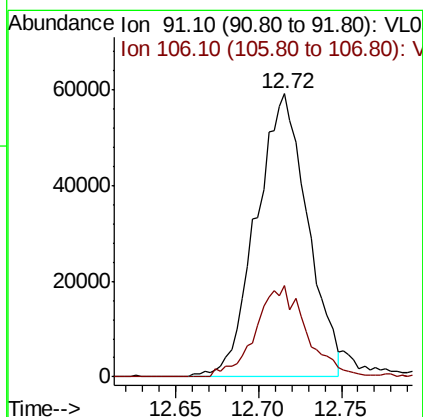
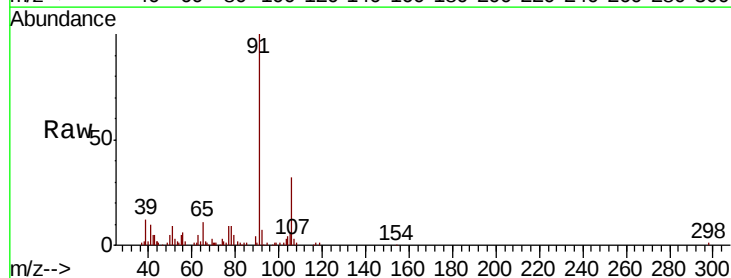
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Jul 2022 22:48

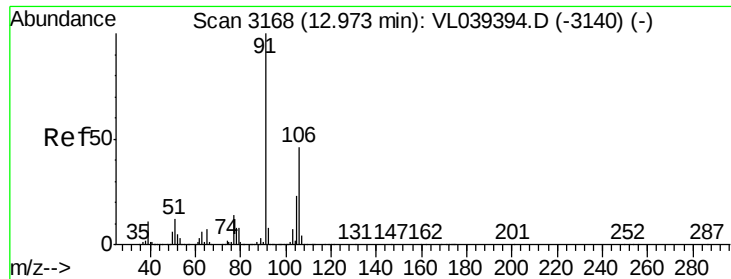
Tot Ion:117 Resp: 2820908
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 33.0 24.1 36.1



#58
Ethyl Benzene
Concen: 0.350 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: 0.03 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

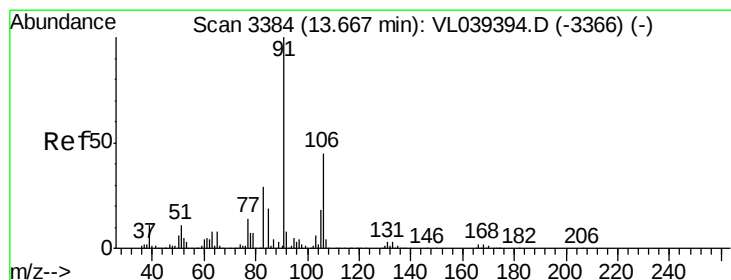
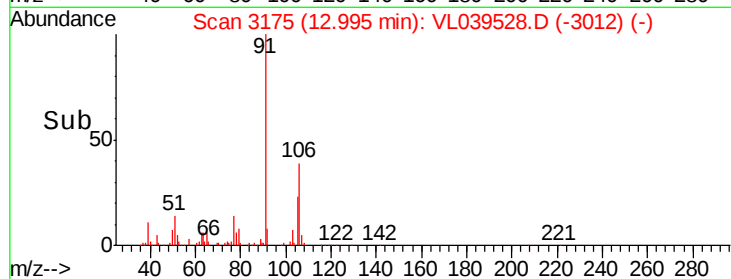
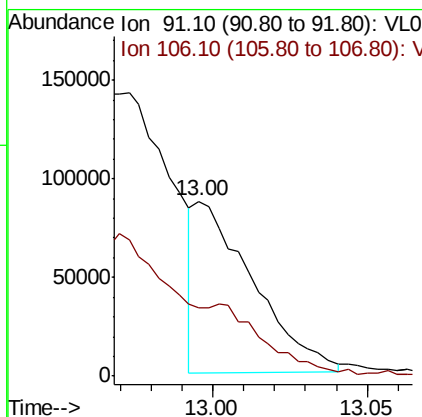
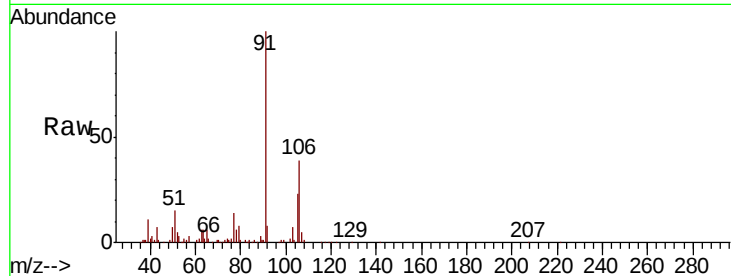
Tgt Ion: 91 Resp: 127595
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0





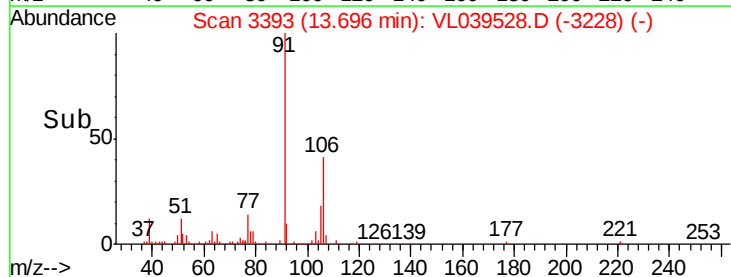
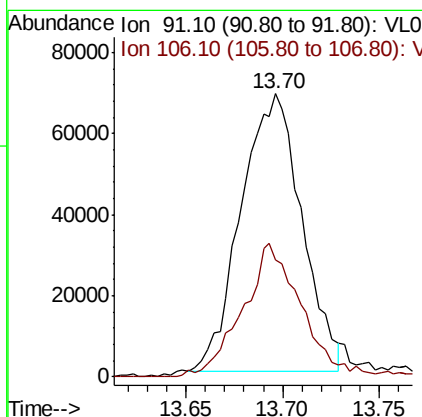
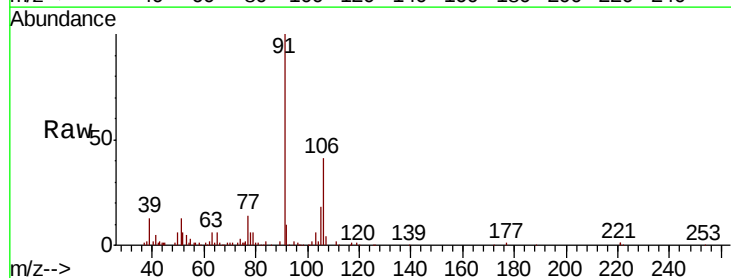
#59
m/p-Xylene
Concen: 0.352 ppbv
RT: 13.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Jul 2022 22:48

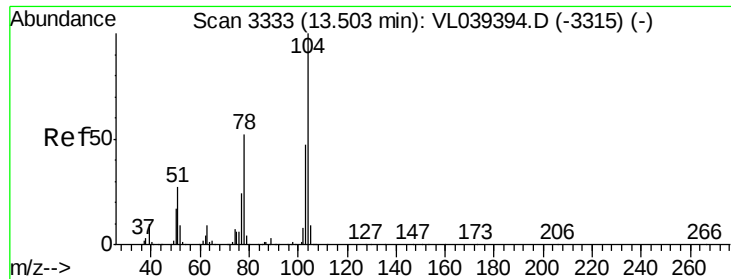
Tot Ion: 91 Resp: 113173
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#



#60
o-Xylene
Concen: 0.492 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.03 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

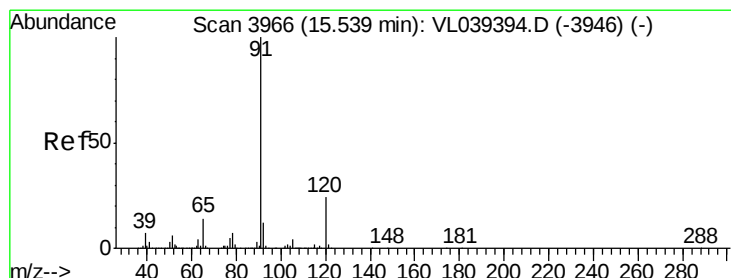
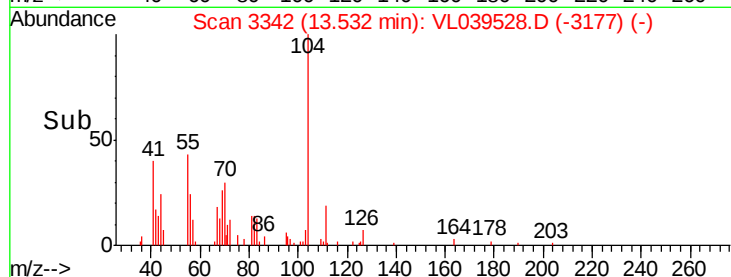
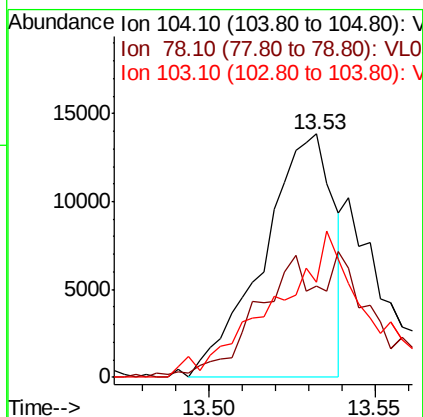
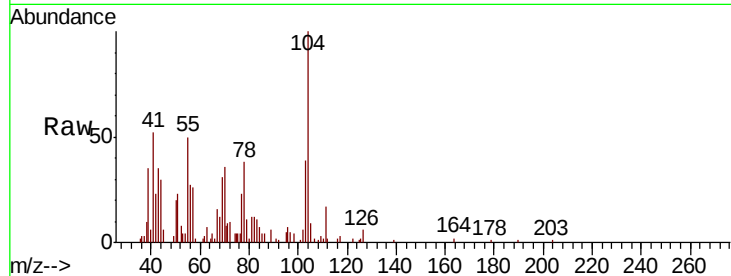
Tgt Ion: 91 Resp: 149545
Ion Ratio Lower Upper
91 100
106 47.7 22.4 67.3





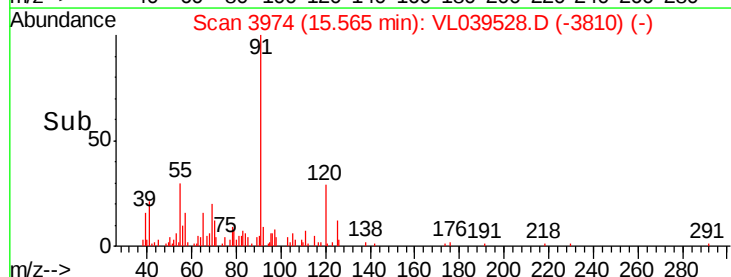
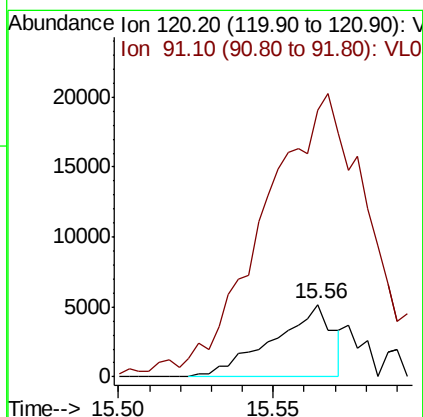
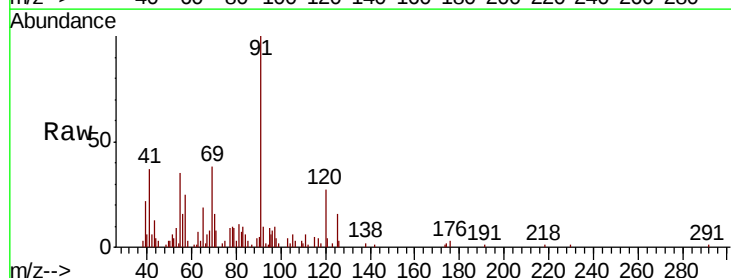
#61
Stvrene
Concen: 0.124 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Jul 2022 22:48

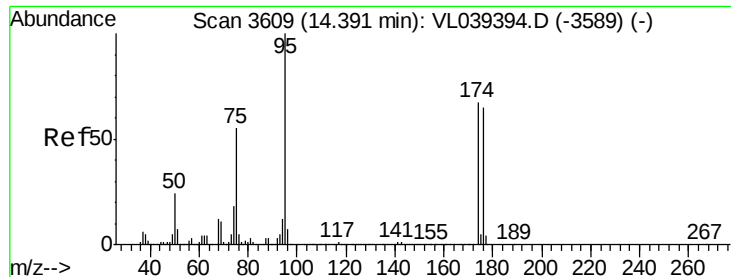
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	41.2	61.8#
103	82.9	38.7	58.1#



#64
n-propylbenzene
Concen: 0.059 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. 0.03 min
Lab File: VL039528.D
Acq: 25 Jul 2022 22:48

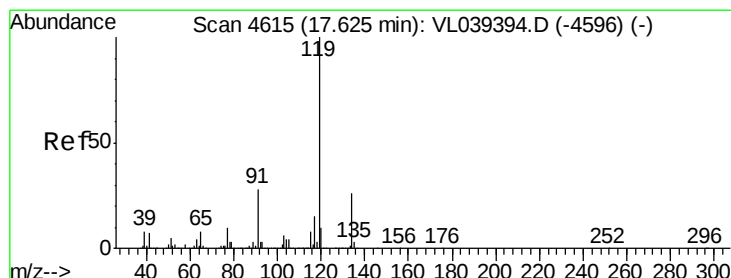
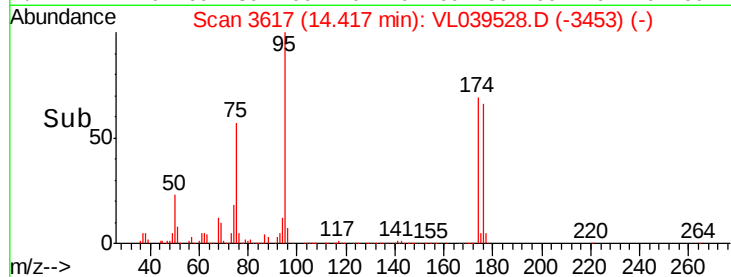
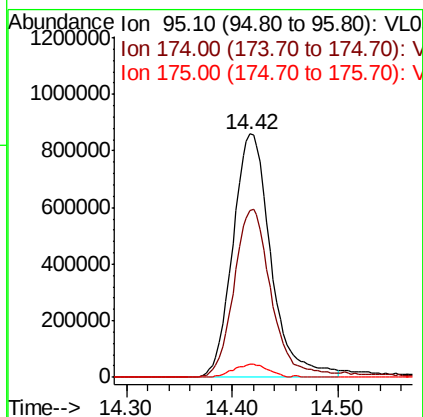
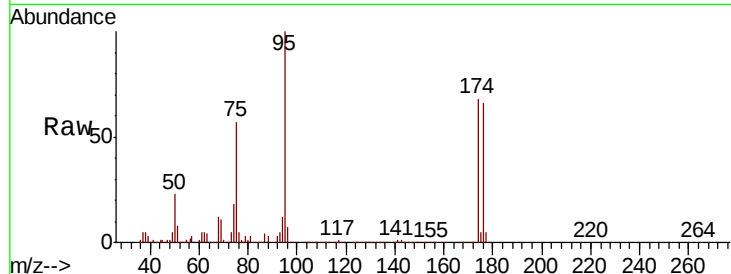
Tgt Ion	Ratio	Lower	Upper
120	100		
91	723.4	367.2	550.8#





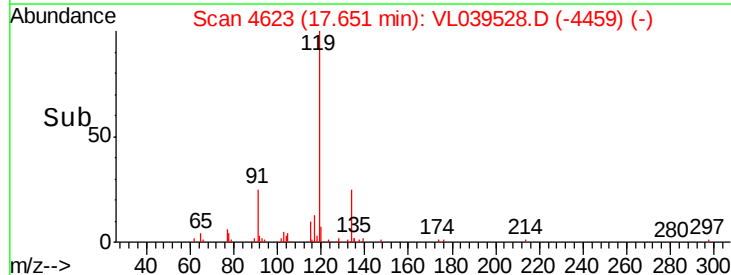
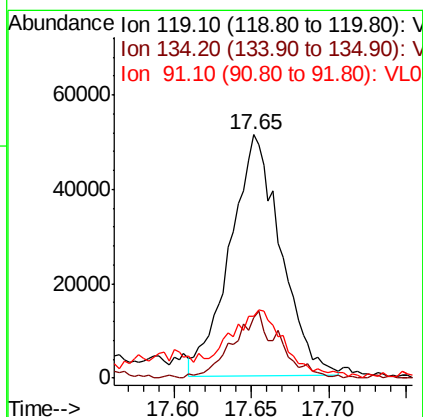
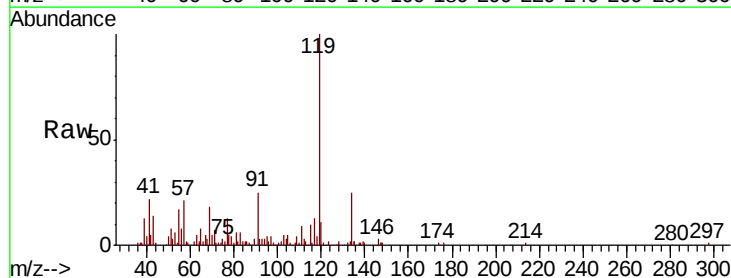
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.282 ppbv
 RT: 14.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

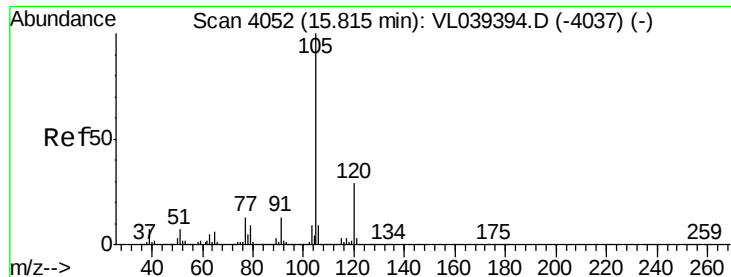
Tot Ion:	95	Resp:	2151799
Ion	Ratio	Lower	Upper
95	100		
174	70.6	55.9	83.9
175	5.4	4.2	6.4



#69
 p-Isopropyltoluene
 Concen: 0.238 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. 0.03 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

Tgt Ion:	119	Resp:	116383
Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.3	30.5
91	31.9	22.9	34.3





#72

4-Ethyltoluene

Concen: 0.031 ppbv

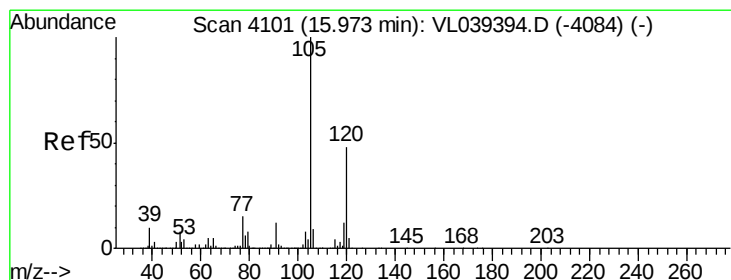
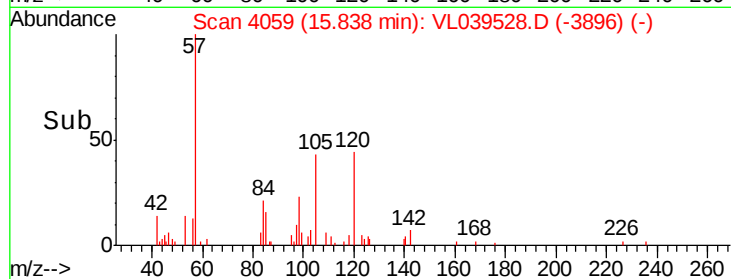
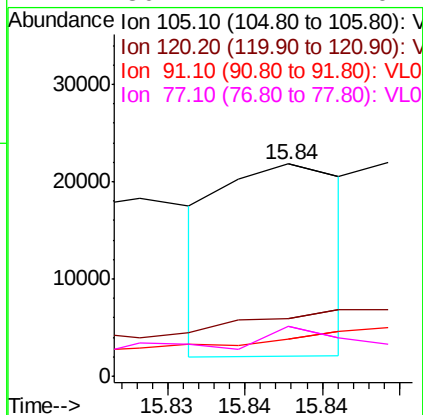
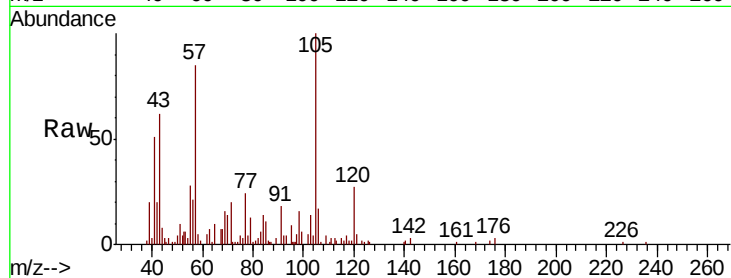
RT: 15.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Jul 2022 22:48

Tot Ion:	105	Resp:	10920
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	0.0	10.2	15.4#
77	80.4	11.1	16.7#



#73

1,3,5-Trimethylbenzene

Concen: 0.252 ppbv

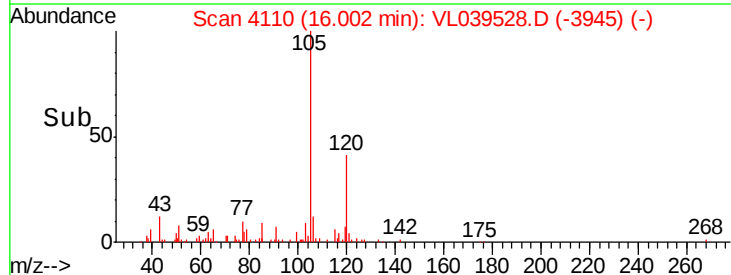
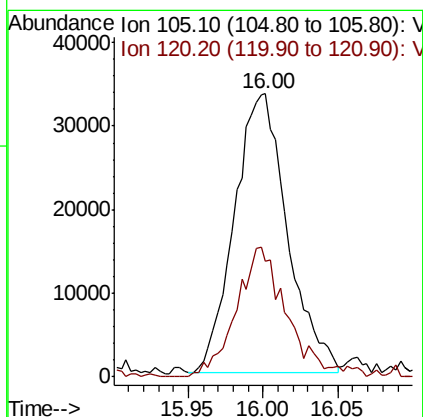
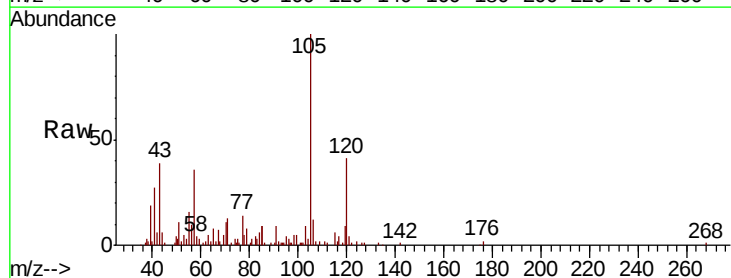
RT: 16.00 min Scan# 4110

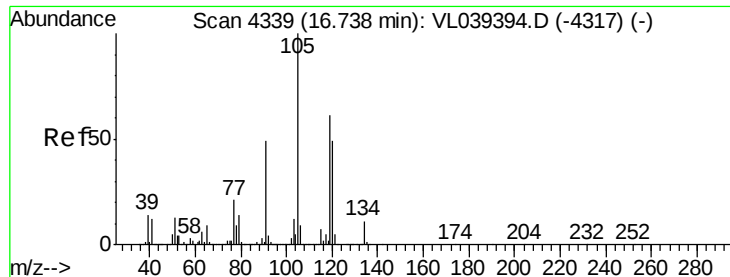
Delta R.T. 0.03 min

Lab File: VL039528.D

Acq: 25 Jul 2022 22:48

Tgt Ion:	105	Resp:	82622
Ion	Ratio	Lower	Upper
105	100		
120	41.6	38.2	57.4





#74

1,2,4-Trimethylbenzene

Concen: 0.567 ppbv

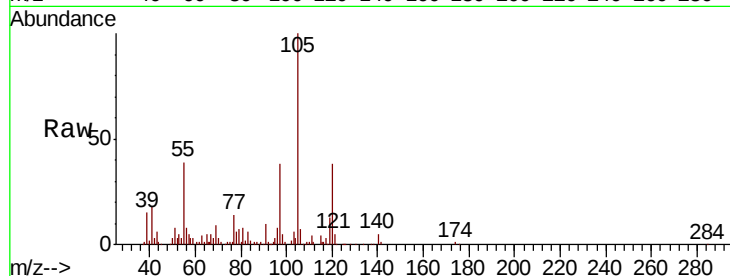
RT: 16.76 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Jul 2022 22:48

Tot Ion:	105	Resp:	206025
Ion Ratio	Lower	Upper	
105	100		
120	37.7	39.5	59.3#
91	8.8	39.2	58.8#
77	13.3	17.2	25.8#

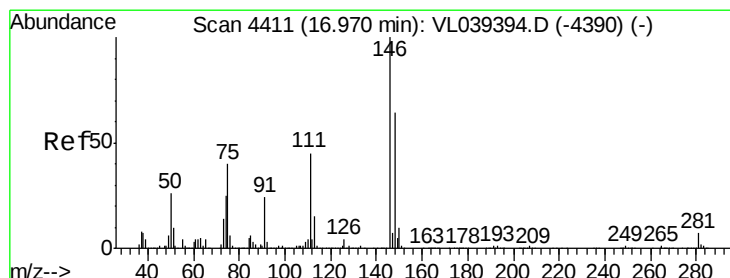
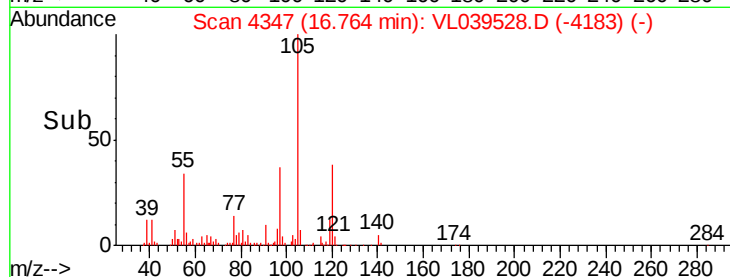
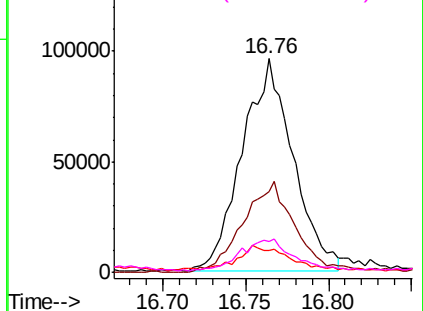


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#75

1,3-Dichlorobenzene

Concen: 8.244 ppbv

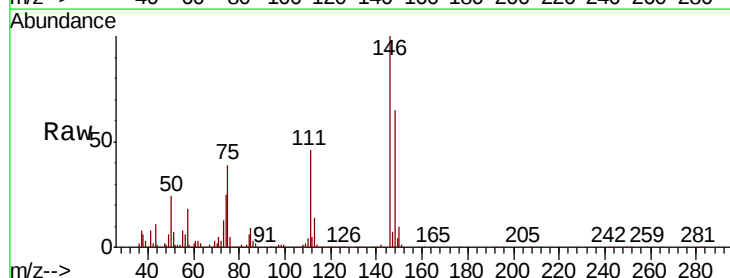
RT: 17.14 min Scan# 4463

Delta R.T. 0.17 min

Lab File: VL039528.D

Acq: 25 Jul 2022 22:48

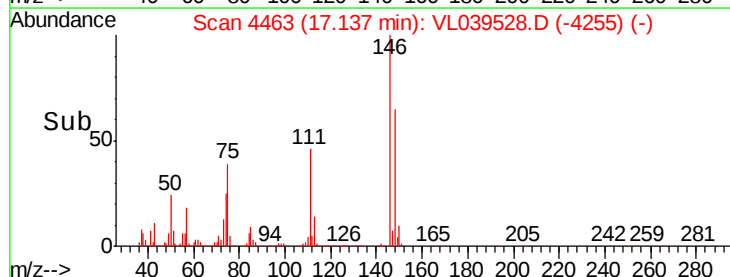
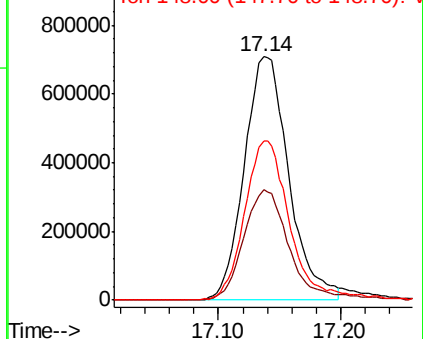
Tgt Ion:	146	Resp:	1786331
Ion Ratio	Lower	Upper	
146	100		
111	46.4	22.9	68.7
148	66.9	32.1	96.5

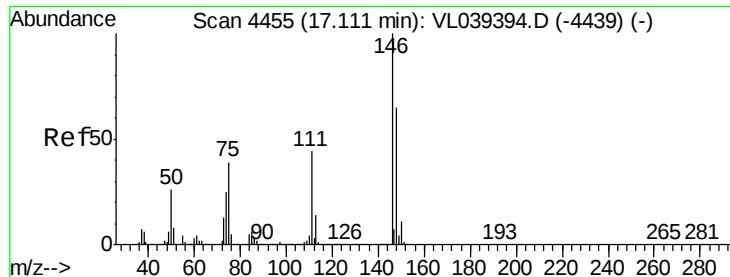


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

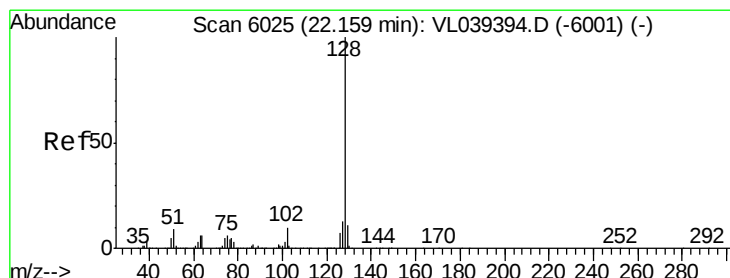
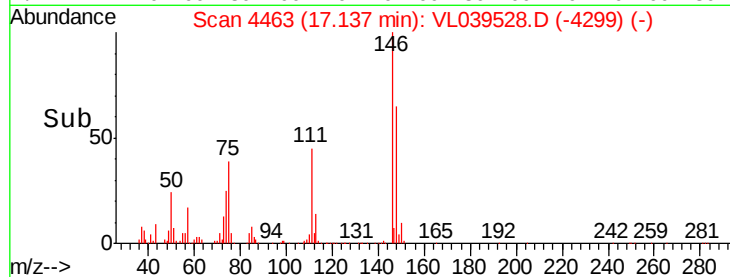
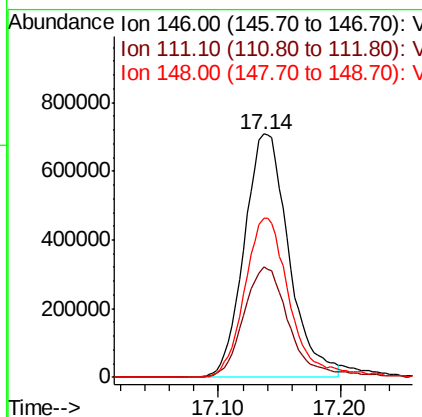
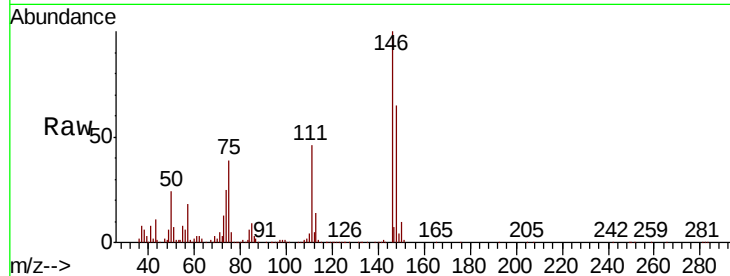




#76
 1,4-Dichlorobenzene
 Concen: 8.318 ppbv
 RT: 17.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

Tot Ion:146 Resp: 1786331

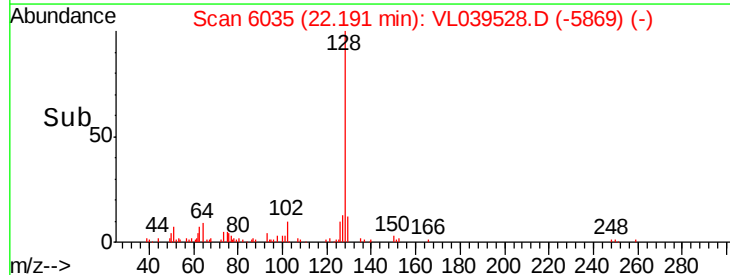
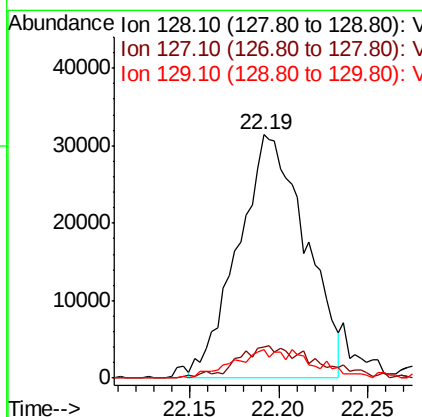
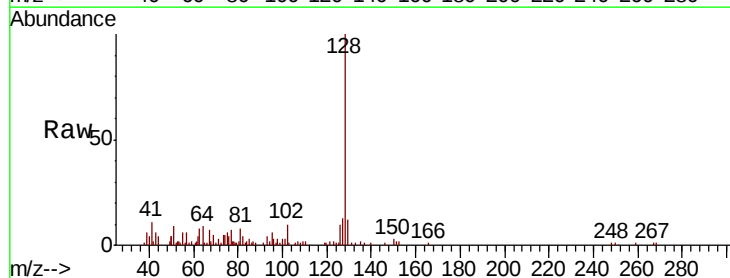
Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.9	68.8
148	67.0	33.6	100.8

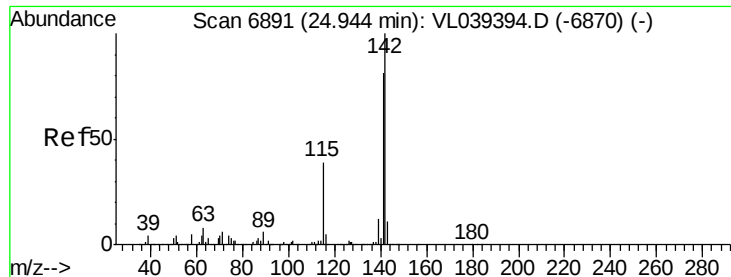


#79
 Naphthalene
 Concen: 0.331 ppbv
 RT: 22.19 min Scan# 6035
 Delta R.T. 0.03 min
 Lab File: VL039528.D
 Acq: 25 Jul 2022 22:48

Tgt Ion:128 Resp: 82651

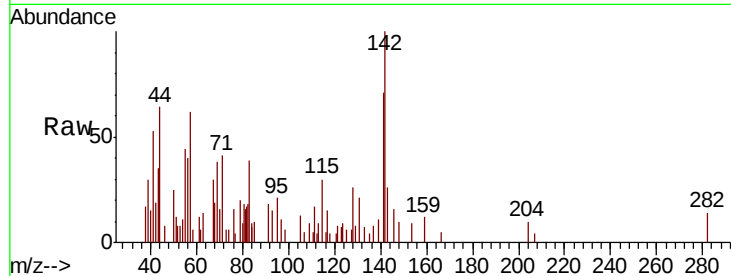
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.6	15.8
129	12.3	8.8	13.2





#80
 Naphthalene, 2-methyl-
 Concen: 0.118 ppbv
 RT: 24.97
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jul 2022 22:48

Tot Ion	Ratio	Lower	Upper
142	100		
141	75.7	68.9	103.3
115	67.5	30.0	45.0



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

