

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040737.D
 Acq On : 4 Oct 2023 12:33
 Operator : SY/MD
 Sample : 04716-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:26:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.188	49	1086237	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3005224	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2512155	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1864665	9.607	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.738	85	118885	0.497	ppbv	96
3) Chlorodifluoromethane	2.684	51	263056	1.487	ppbv #	78
4) Chloromethane	2.822	50	40613	0.599	ppbv	89
6) Bromomethane	3.127	94	1433	0.037	ppbv #	55
8) Dichlorotetrafluoroethane	2.867	85	6551	0.033	ppbv	99
9) Propene	2.880	41	322666	6.329	ppbv	99
10) Heptane	7.571	43	45037	0.392	ppbv	98
11) Trichlorofluoromethane	3.565	101	47090	0.224	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	12094	0.080	ppbv	100
13) Ethanol	3.240	45	421215	27.915	ppbv	99
15) Acetone	3.472	43	1368256	9.550	ppbv #	88
16) 1,3-Butadiene	2.973	39	26050	0.417	ppbv #	58
17) tert-Butyl alcohol	3.896	59	20028	0.136	ppbv #	71
19) Isopropyl Alcohol	3.578	45	358865	4.157	ppbv #	1
20) Methylene Chloride	3.935	84	429528	5.570	ppbv	93
21) Allyl Chloride	3.951	41	9176	0.105	ppbv #	1
23) Vinyl Acetate	4.613	43	36504	0.246	ppbv #	1
25) Ethyl Acetate	5.208	43	317758	1.375	ppbv #	84
26) Hexane	5.208	57	397997	3.642	ppbv #	43
27) Carbon Disulfide	4.127	76	10855	0.071	ppbv #	6
28) Methyl tert-Butyl Ether	4.590	73	4389	0.047	ppbv #	33
29) Chloroform	5.266	83	12137	0.064	ppbv	94
30) Cyclohexane	6.590	84	11075	0.135	ppbv #	1
34) 2-Butanone	4.790	43	81168	0.537	ppbv #	90
35) Carbon Tetrachloride	6.487	117	14793	0.072	ppbv	92
36) Benzene	6.359	78	128487	0.577	ppbv	92
38) Trichloroethene	7.278	130	5778	0.068	ppbv	91
39) 1,2-Dichloropropane	6.645	63	716433	8.364	ppbv #	23
44) 2,2,4-Trimethylpentane	7.317	57	147010	0.415	ppbv #	84
52) Tetrachloroethene	10.600	164	5164	0.071	ppbv #	71
53) Toluene	9.208	91	2967757	12.631	ppbv	99
58) Ethyl Benzene	12.076	91	69313	0.242	ppbv	95
59) m/p-Xylene	12.355	91	104787	0.390	ppbv #	32
60) o-Xylene	13.043	91	149974	0.585	ppbv	99
61) Styrene	12.883	104	22253	0.207	ppbv #	45
62) Isopropylbenzene	14.005	105	11813	0.031	ppbv #	50
64) n-propylbenzene	14.908	120	13258	0.137	ppbv #	16
65) tert-Butylbenzene	16.088	119	32851	0.095	ppbv #	38
67) sec-Butylbenzene	16.616	105	15426	0.031	ppbv #	76
69) p-Isopropyltoluene	16.973	119	20466	0.052	ppbv #	41
72) 4-Ethyltoluene	15.169	105	55641	0.193	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.336	105	106539	0.411	ppbv	92
74) 1,2,4-Trimethylbenzene	16.095	105	325525	1.031	ppbv #	63

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 05 04:26:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

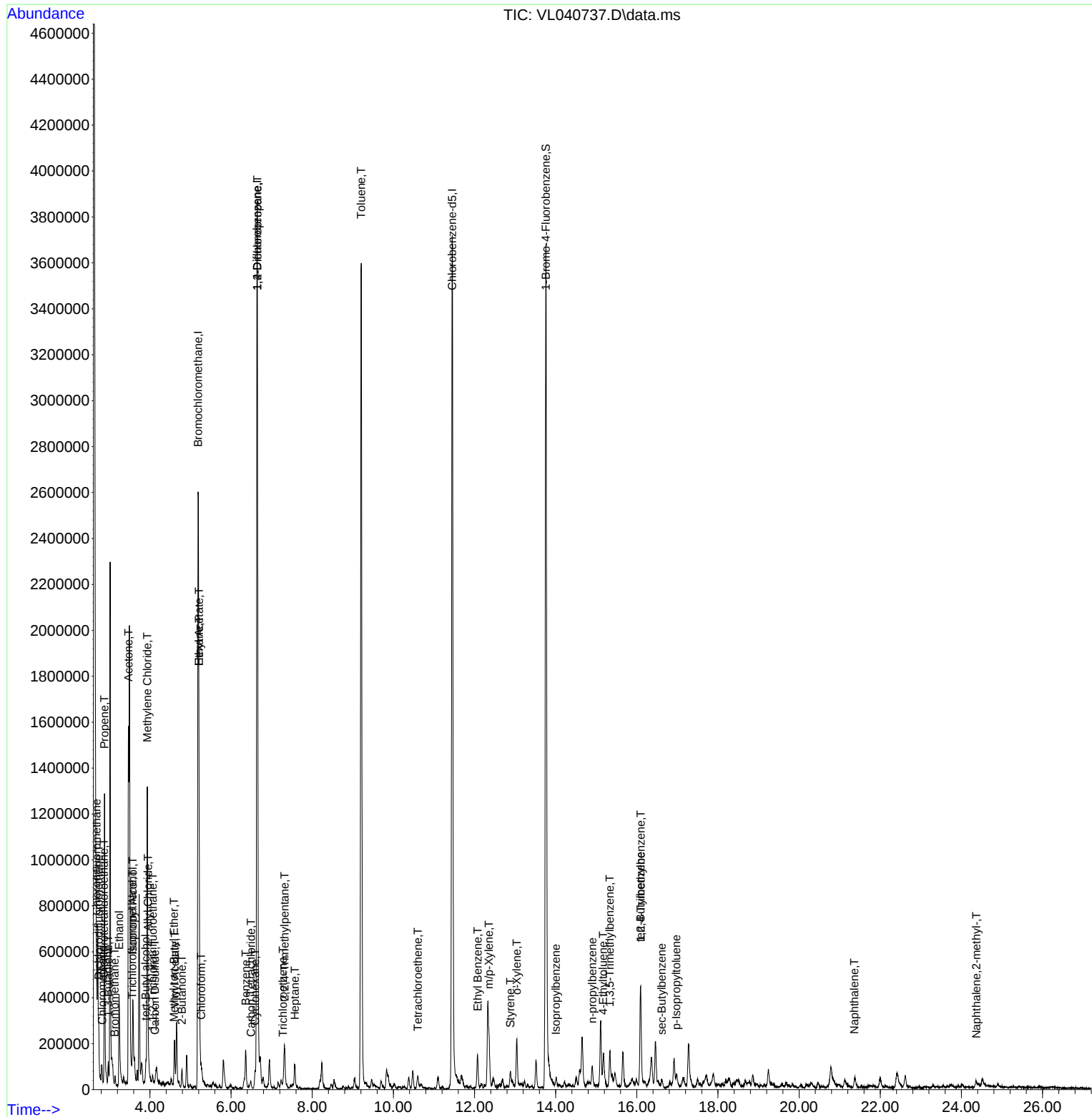
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	21.361	128	17250	0.088	ppbv #	78
80) Naphthalene,2-methyl-	24.371	142	25054	0.521	ppbv #	88

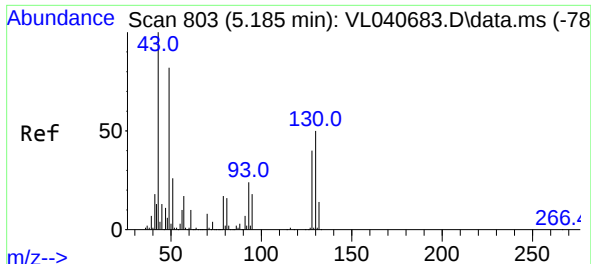
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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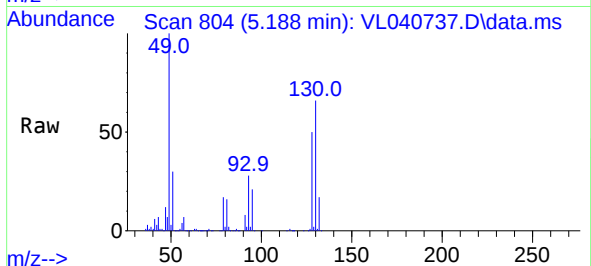
Quant Time: Oct 05 04:26:25 2023
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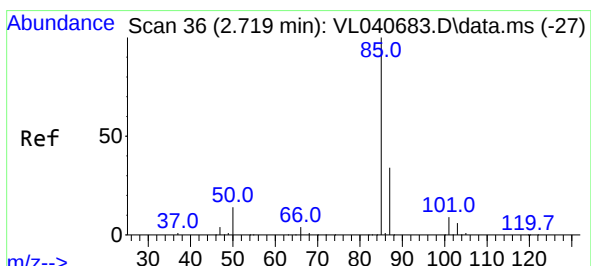
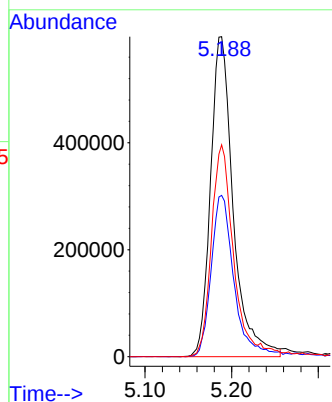
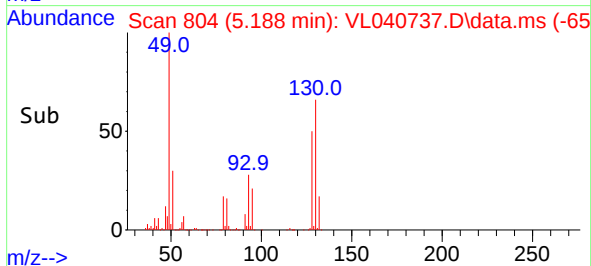


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Instrument :
MSVOA_L
ClientSampleId :

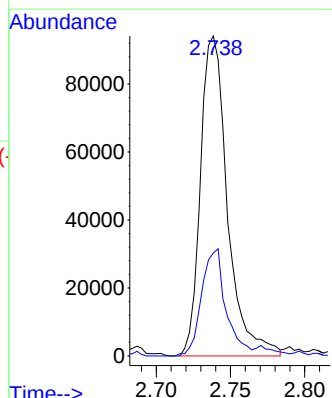
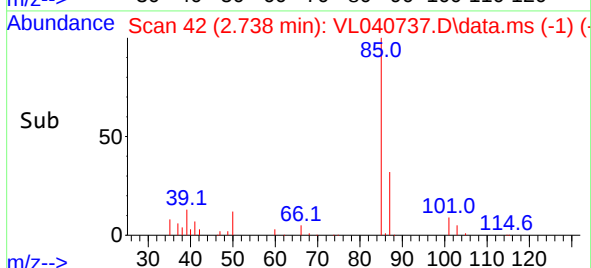
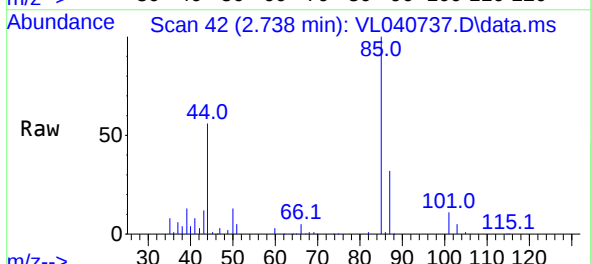


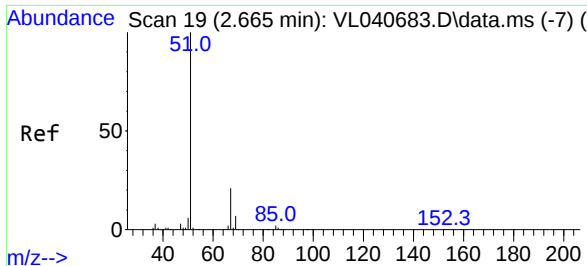
Tgt Ion: 49 Resp: 1086237
Ion Ratio Lower Upper
49 100
128 52.2 25.4 76.0
130 67.3 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 0.497 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.006 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 85 Resp: 118885
Ion Ratio Lower Upper
85 100
87 31.5 27.2 40.8





#3

Chlorodifluoromethane

Concen: 1.487 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

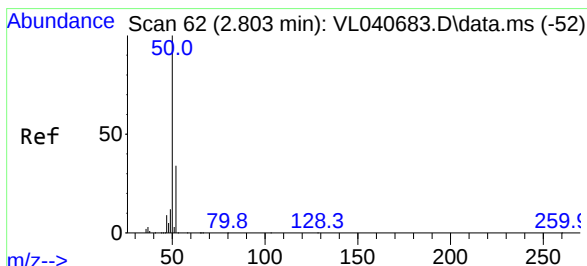
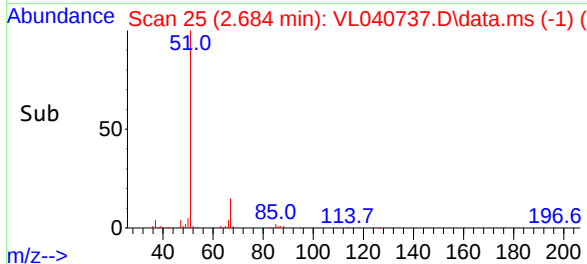
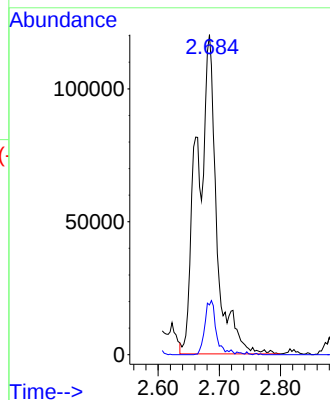
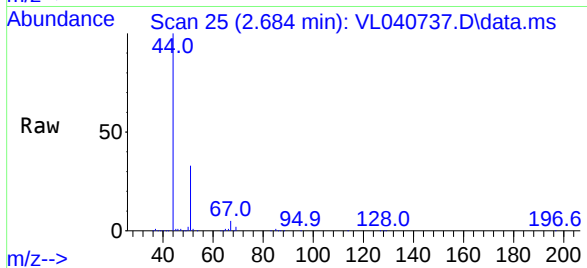
ClientSampleId :

Tgt Ion: 51 Resp: 263056

Ion Ratio Lower Upper

51 100

67 10.4 16.7 25.1#



#4

Chloromethane

Concen: 0.599 ppbv

RT: 2.822 min Scan# 68

Delta R.T. 0.006 min

Lab File: VL040737.D

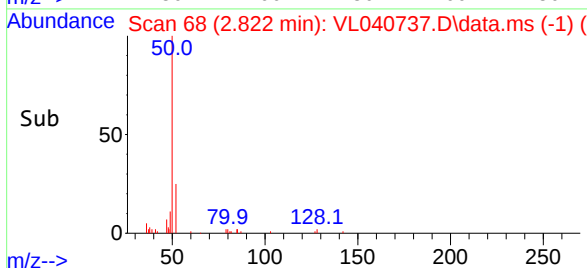
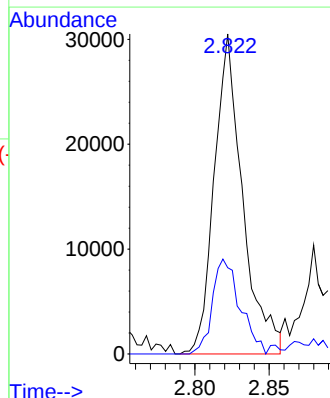
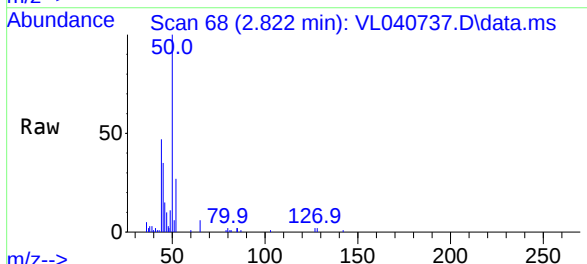
Acq: 4 Oct 2023 12:33

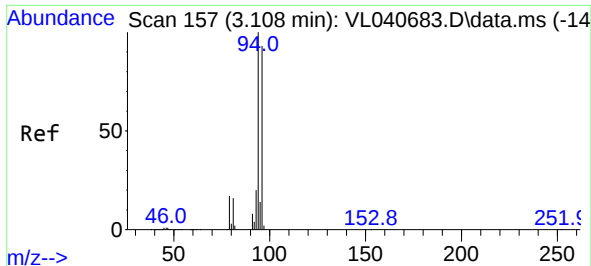
Tgt Ion: 50 Resp: 40613

Ion Ratio Lower Upper

50 100

52 27.4 27.1 40.7

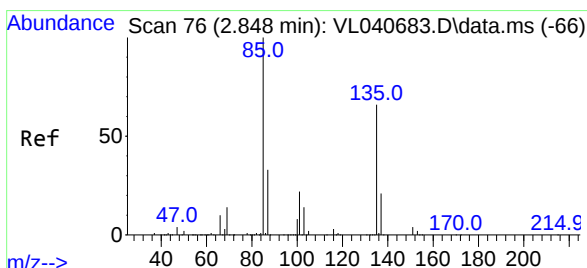
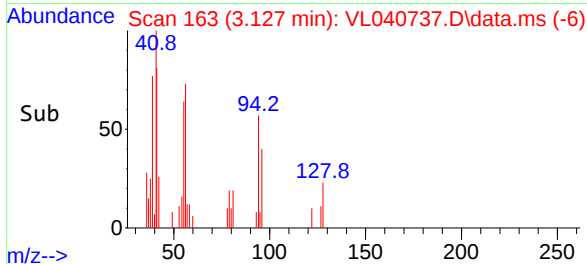
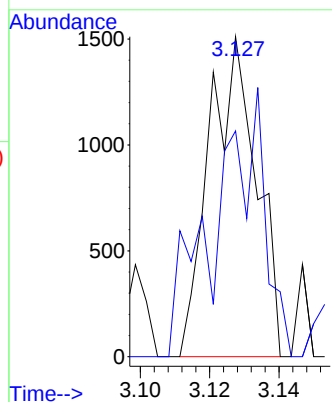
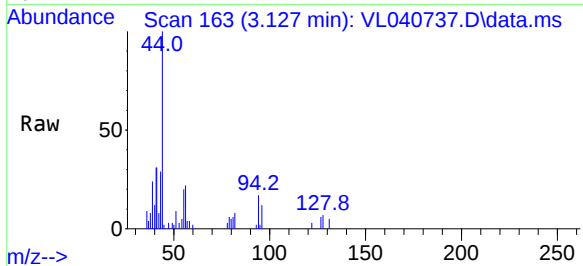




#6
Bromomethane
Concen: 0.037 ppbv
RT: 3.127 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

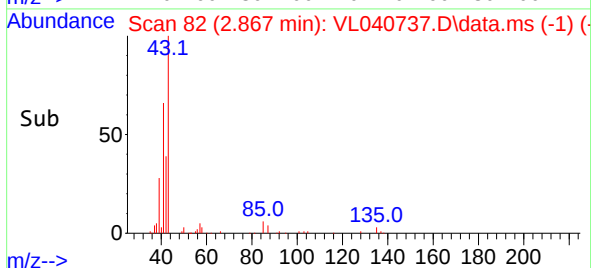
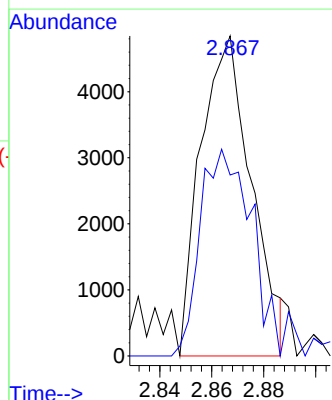
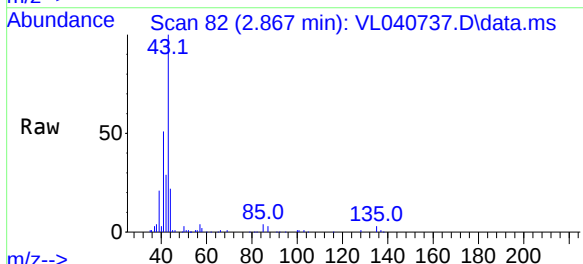
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 1433
Ion Ratio Lower Upper
94 100
96 50.2 74.4 111.6#

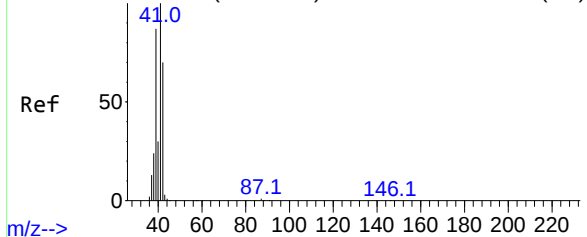


#8
Dichlorotetrafluoroethane
Concen: 0.033 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.006 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 85 Resp: 6551
Ion Ratio Lower Upper
85 100
135 67.8 53.4 80.2



Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



#9

Propene

Concen: 6.329 ppbv

RT: 2.880 min Scan# 80

Delta R.T. 0.183 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

ClientSampleId :

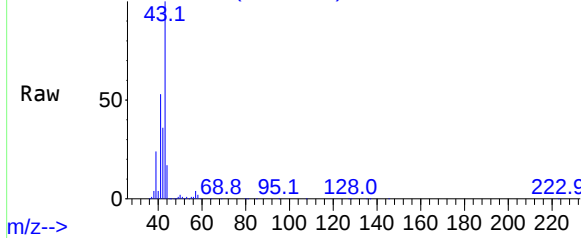
Tgt Ion: 41 Resp: 322666

Ion Ratio Lower Upper

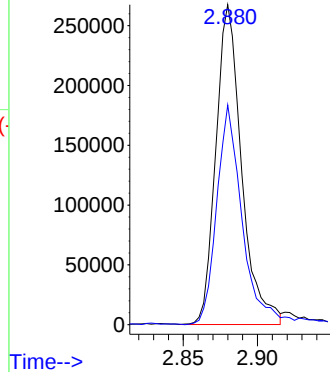
41 100

42 70.1 56.7 85.1

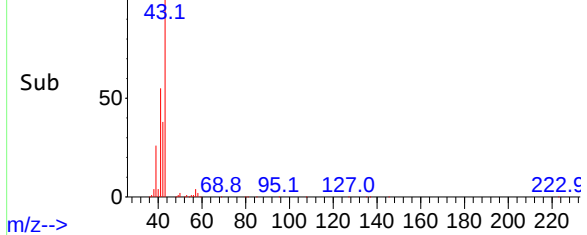
Abundance Scan 86 (2.880 min): VL040737.D\data.ms



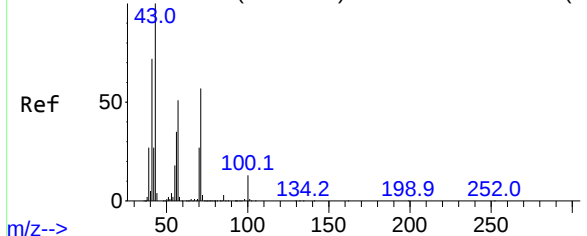
Abundance



Abundance Scan 86 (2.880 min): VL040737.D\data.ms (-1)



Abundance Scan 1546 (7.574 min): VL040683.D\data.ms (-1)



#10

Heptane

Concen: 0.392 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

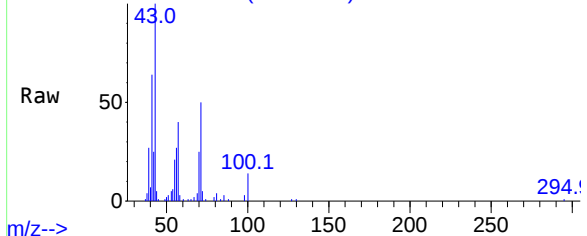
Tgt Ion: 43 Resp: 45037

Ion Ratio Lower Upper

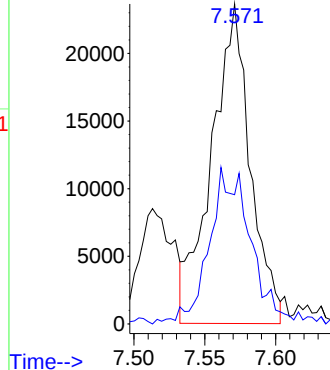
43 100

57 53.5 41.8 62.6

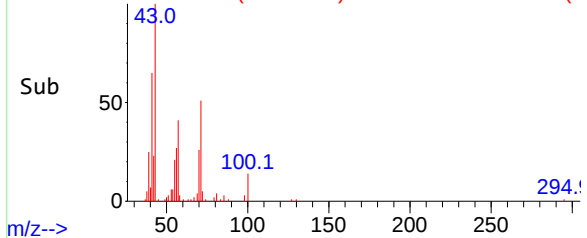
Abundance Scan 1545 (7.571 min): VL040737.D\data.ms

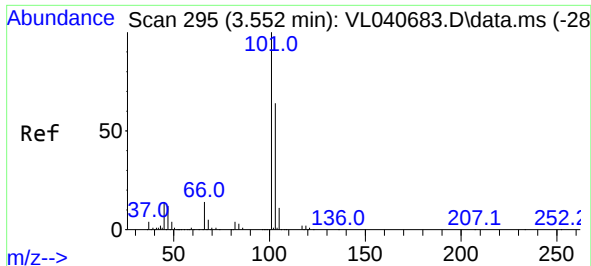


Abundance



Abundance Scan 1545 (7.571 min): VL040737.D\data.ms (-1)

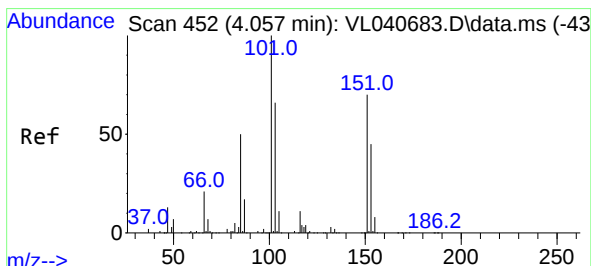
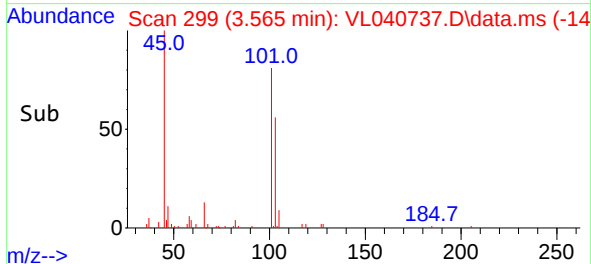
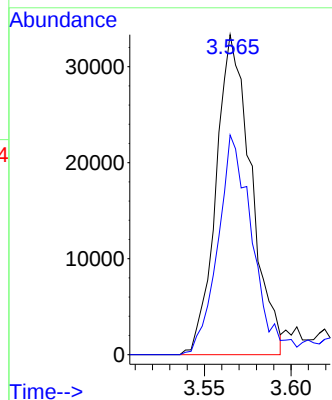
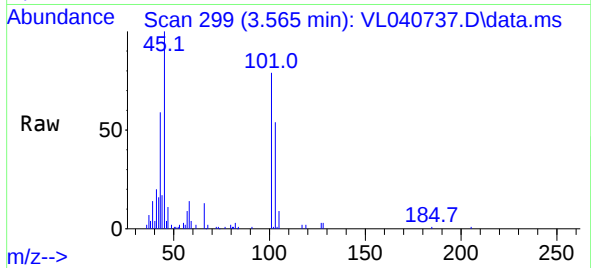




#11
 Trichlorofluoromethane
 Concen: 0.224 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

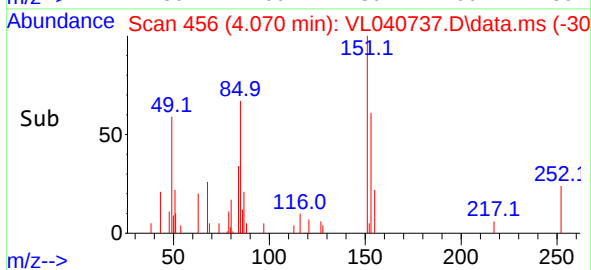
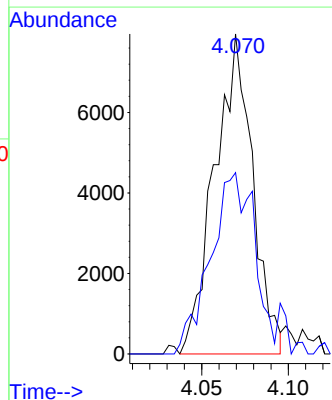
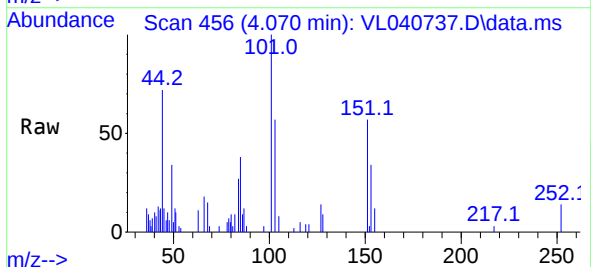
Instrument :
 MSVOA_1
 ClientSampleId :

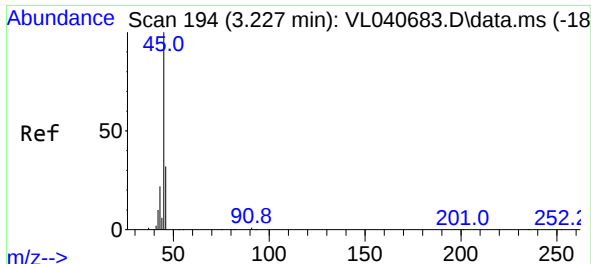
Tgt Ion:101 Resp: 47090
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.080 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. -0.003 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

Tgt Ion:101 Resp: 12094
 Ion Ratio Lower Upper
 101 100
 151 70.7 56.8 85.2





#13

Ethanol

Concen: 27.915 ppbv

RT: 3.240 min Scan# 19

Delta R.T. -0.003 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

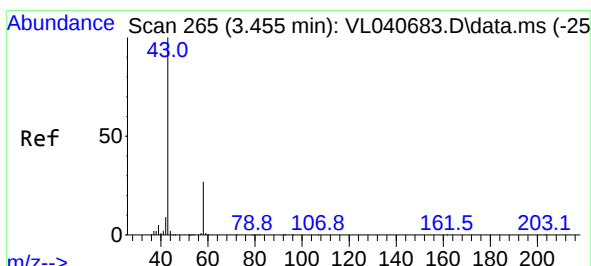
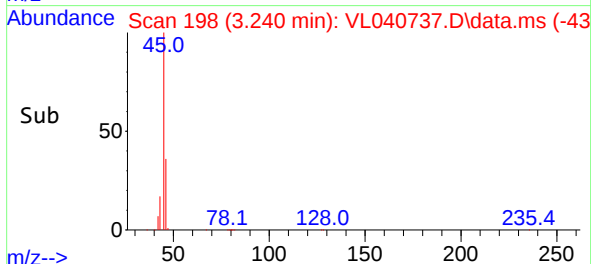
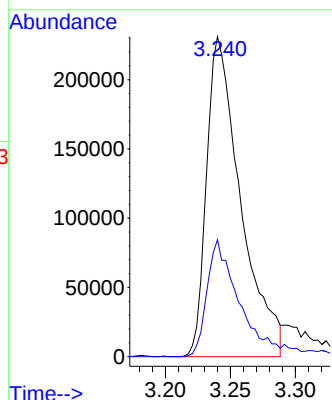
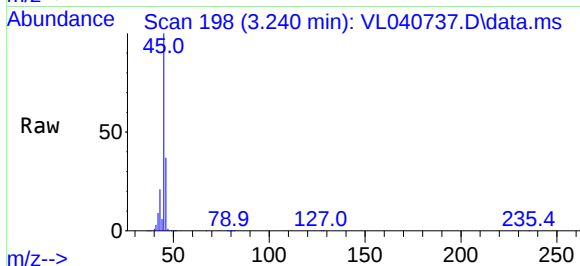
ClientSampleId :

Tgt Ion: 45 Resp: 421215

Ion Ratio Lower Upper

45 100

46 38.7 15.2 61.0



#15

Acetone

Concen: 9.550 ppbv

RT: 3.472 min Scan# 270

Delta R.T. 0.000 min

Lab File: VL040737.D

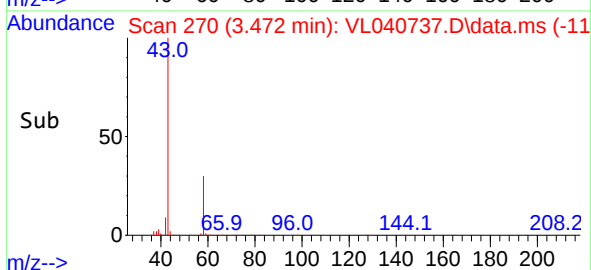
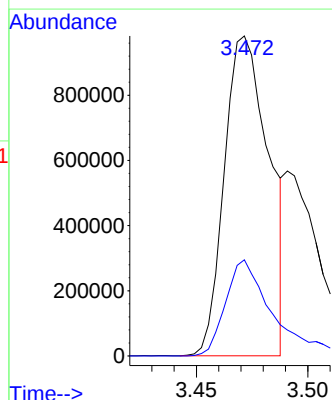
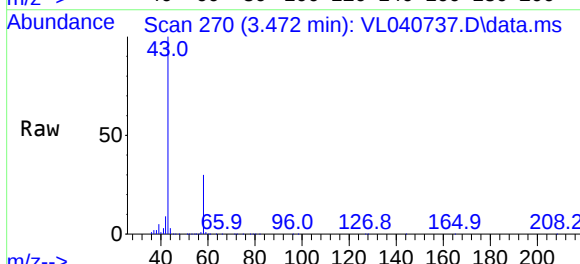
Acq: 4 Oct 2023 12:33

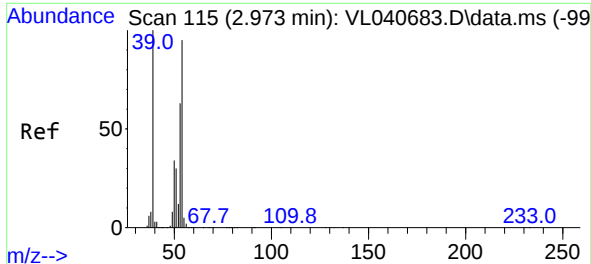
Tgt Ion: 43 Resp: 1368256

Ion Ratio Lower Upper

43 100

58 34.9 22.6 34.0#

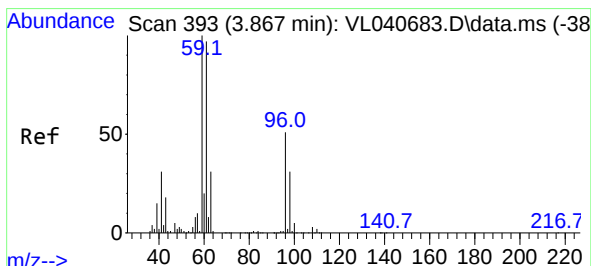
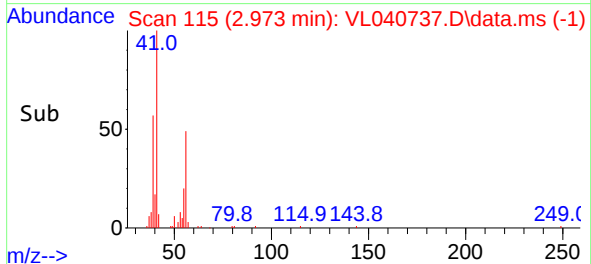
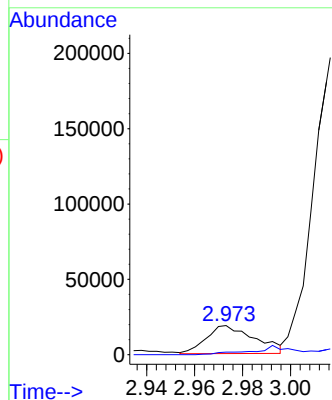
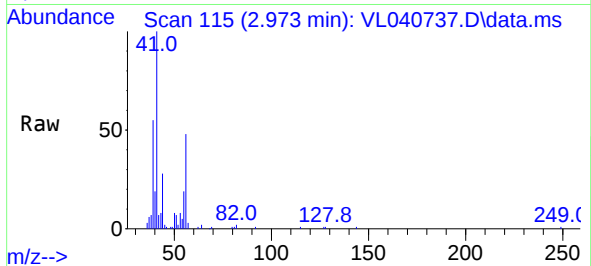




#16
1,3-Butadiene
Concen: 0.417 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.016 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

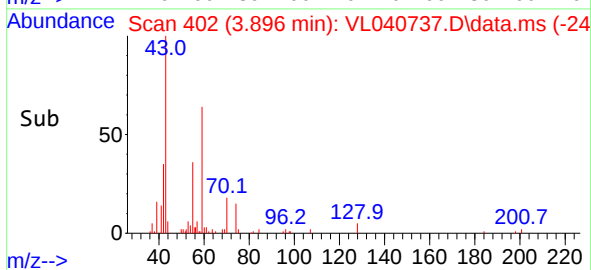
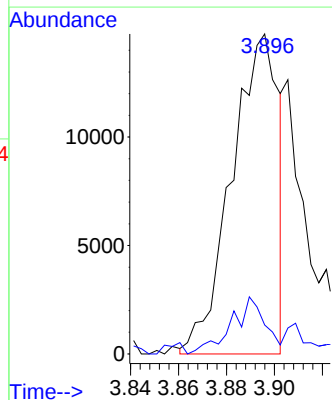
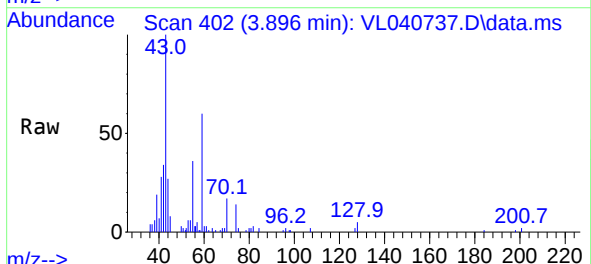
Instrument :
MSVOA_L
ClientSampleId :

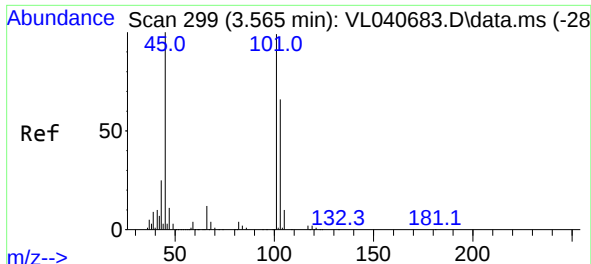
Tgt Ion: 39 Resp: 26050
Ion Ratio Lower Upper
39 100
54 43.3 64.8 97.2#



#17
tert-Butyl alcohol
Concen: 0.136 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.013 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 59 Resp: 20028
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 4.157 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

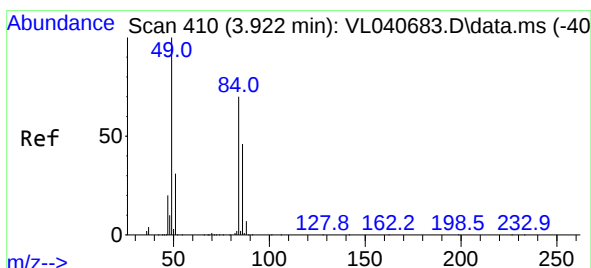
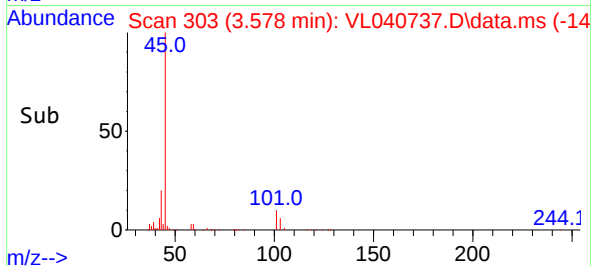
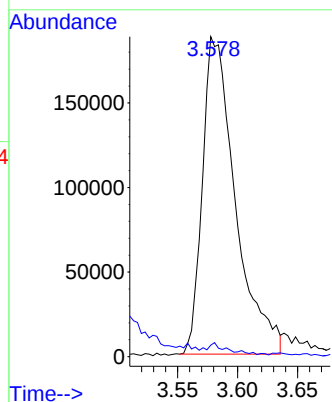
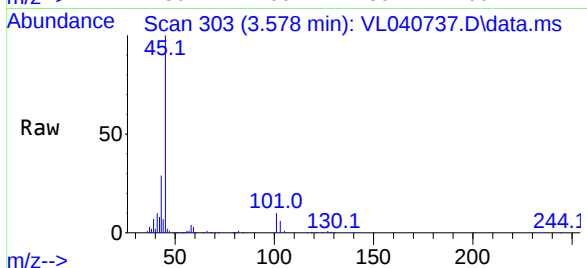
ClientSampleId :

Tgt Ion: 45 Resp: 358865

Ion Ratio Lower Upper

45 100

58 132.9 1.9 2.9#



#20

Methylene Chloride

Concen: 5.570 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Tgt Ion: 84 Resp: 429528

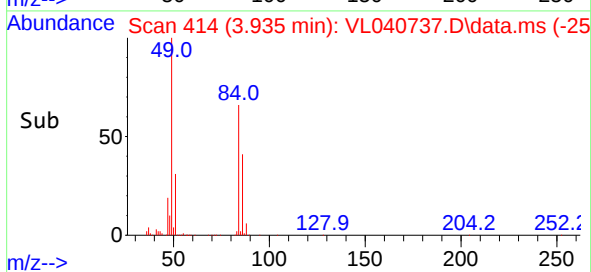
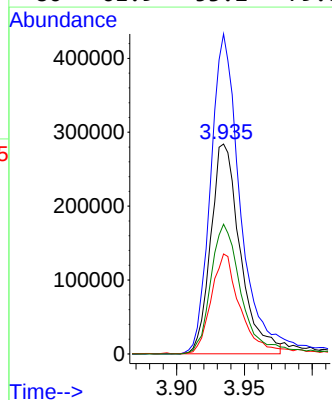
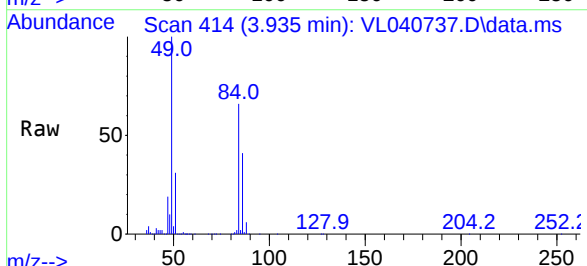
Ion Ratio Lower Upper

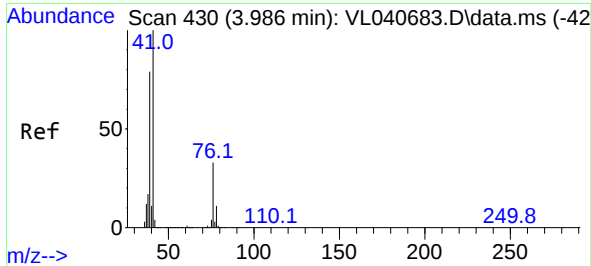
84 100

49 152.6 114.4 171.6

51 47.6 35.5 53.3

86 61.9 53.2 79.8

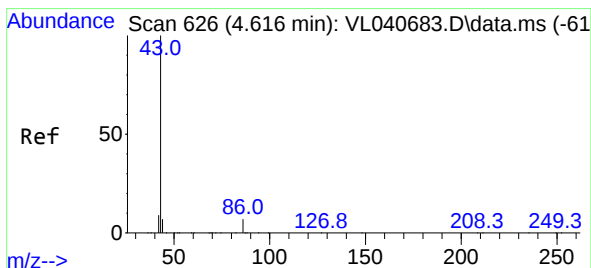
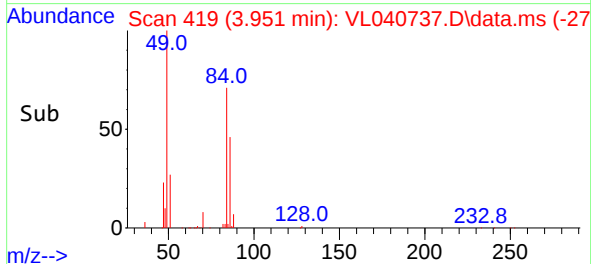
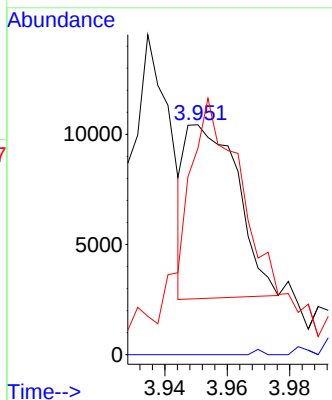
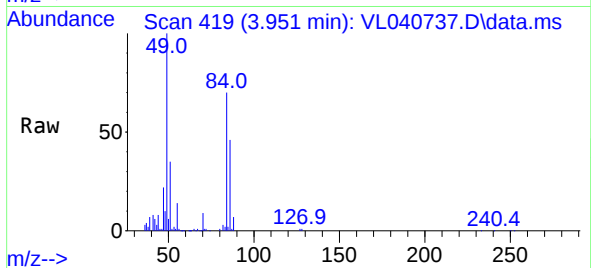




#21
 Allyl Chloride
 Concen: 0.105 ppbv
 RT: 3.951 min Scan# 41
 Delta R.T. -0.051 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

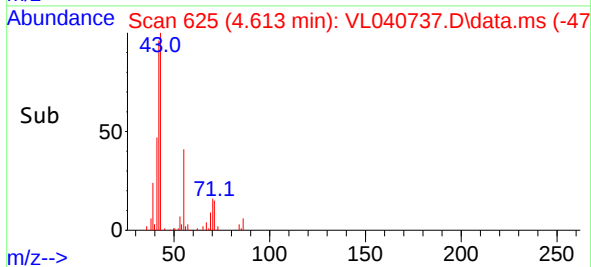
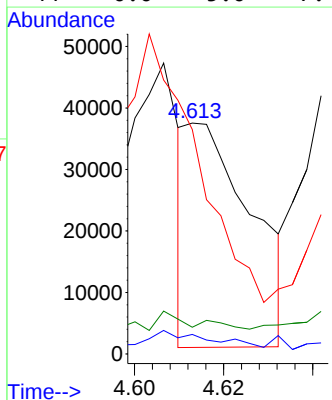
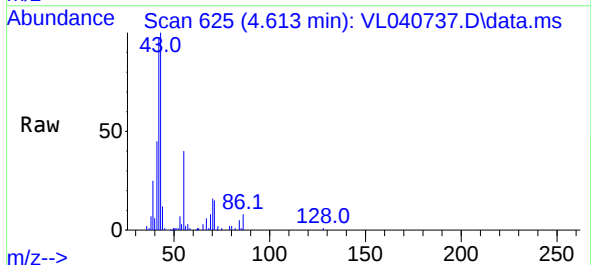
Instrument :
 MSVOA_L
 ClientSampleId :

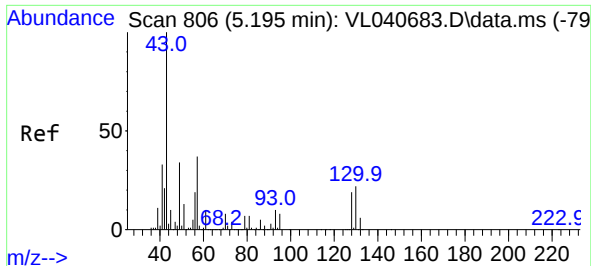
Tgt Ion: 41 Resp: 9176
 Ion Ratio Lower Upper
 41 100
 76 0.0 26.6 40.0#
 39 202.4 65.0 97.4#



#23
 Vinyl Acetate
 Concen: 0.246 ppbv
 RT: 4.613 min Scan# 625
 Delta R.T. -0.019 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

Tgt Ion: 43 Resp: 36504
 Ion Ratio Lower Upper
 43 100
 86 3.0 5.6 8.4#
 42 143.8 7.6 11.4#
 44 0.0 5.0 7.4#





#25

Ethyl Acetate

Concen: 1.375 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

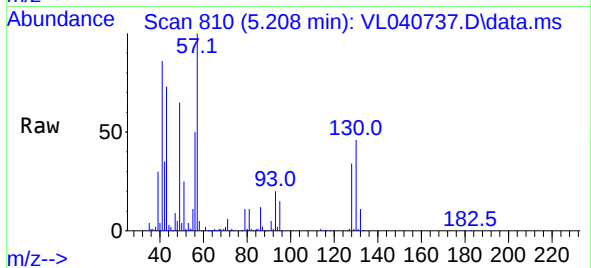
Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 317758

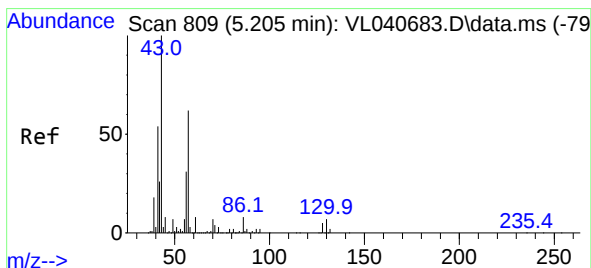
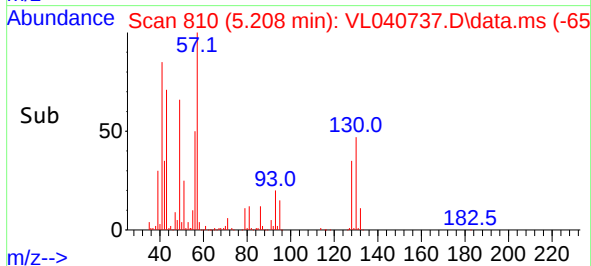
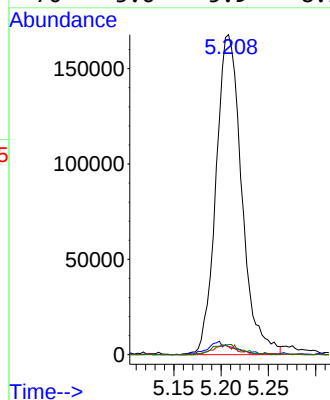
Ion Ratio Lower Upper

43 100

45 4.5 8.2 12.4#

61 3.1 8.2 12.4#

70 3.6 5.9 8.9#



#26

Hexane

Concen: 3.642 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.013 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Tgt Ion: 57 Resp: 397997

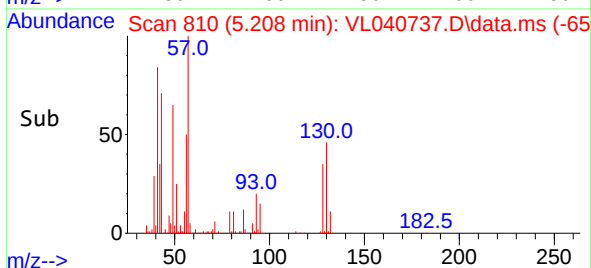
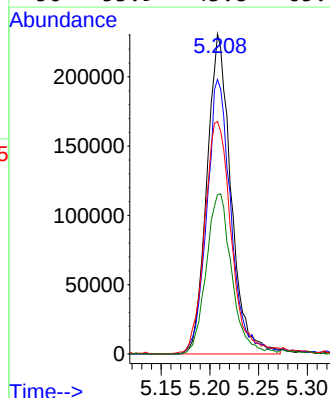
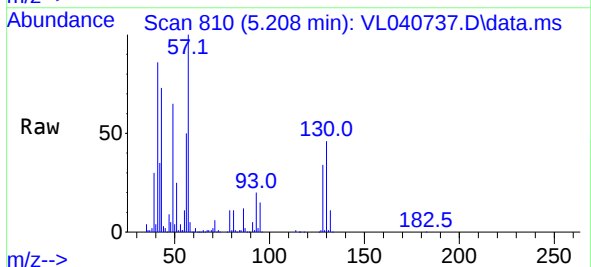
Ion Ratio Lower Upper

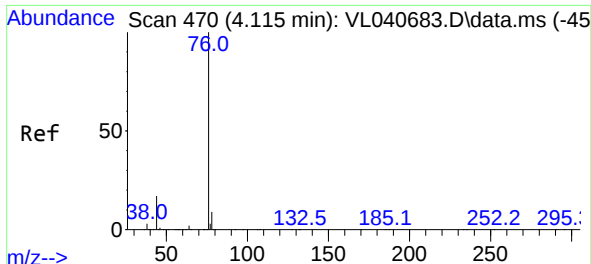
57 100

41 86.8 75.2 112.8

43 82.4 185.6 278.4#

56 53.9 43.8 65.8

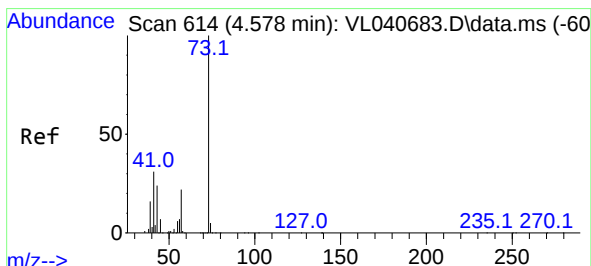
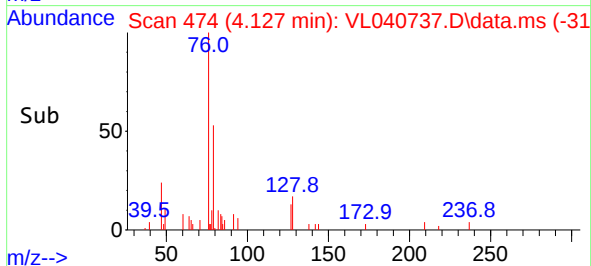
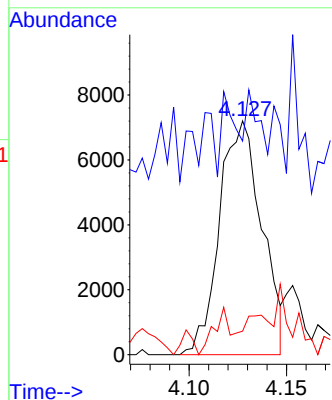
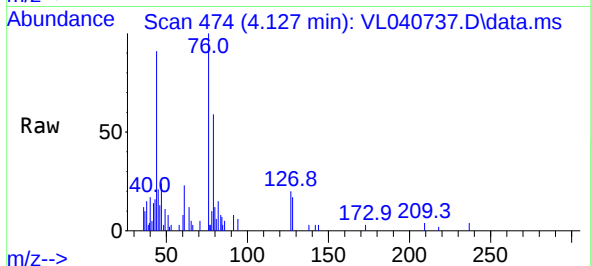




#27
Carbon Disulfide
Concen: 0.071 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

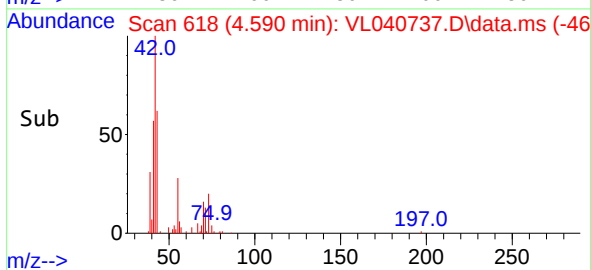
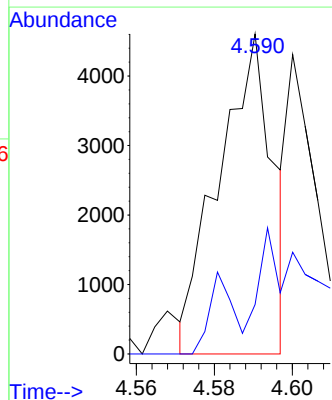
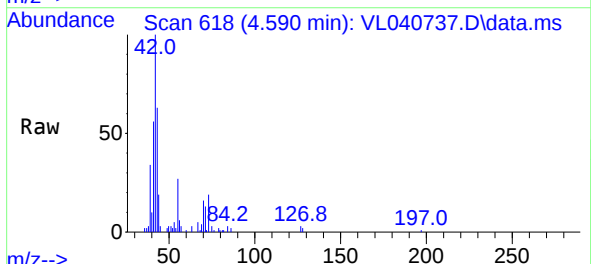
Instrument :
MSVOA_L
ClientSampleId :

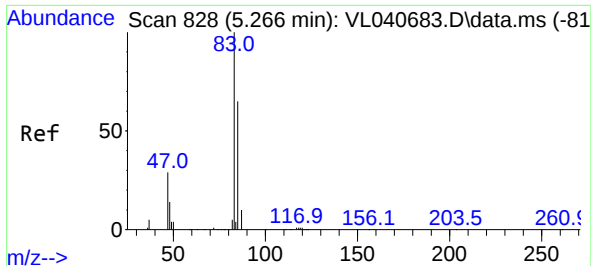
Tgt Ion: 76 Resp: 10855
Ion Ratio Lower Upper
76 100
44 78.8 14.5 21.7#
78 14.7 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.047 ppbv
RT: 4.590 min Scan# 618
Delta R.T. -0.000 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 73 Resp: 4389
Ion Ratio Lower Upper
73 100
57 56.1 18.8 28.2#





#29

Chloroform

Concen: 0.064 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

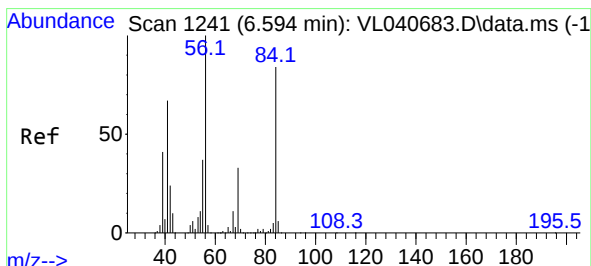
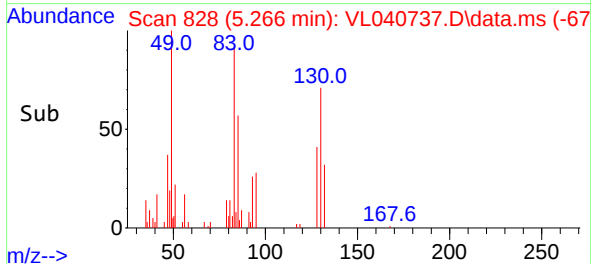
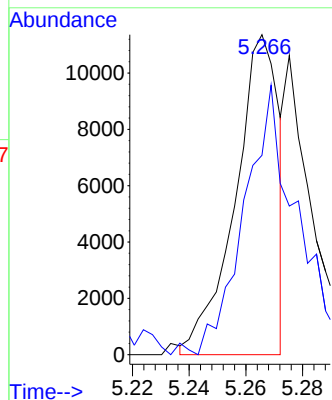
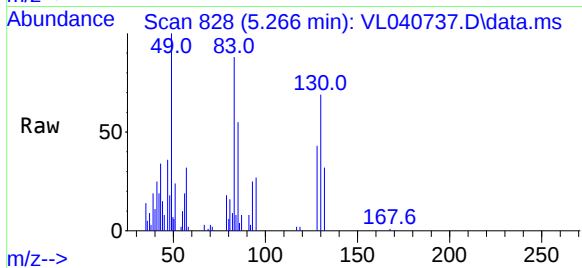
ClientSampleId :

Tgt Ion: 83 Resp: 12137

Ion Ratio Lower Upper

83 100

85 60.4 51.8 77.8



#30

Cyclohexane

Concen: 0.135 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.019 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

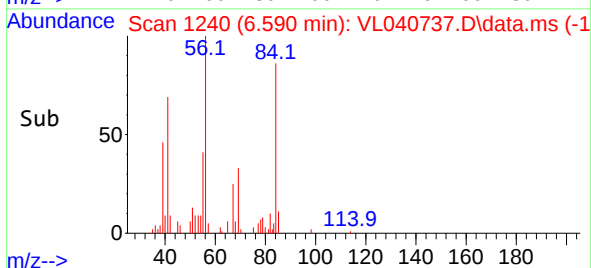
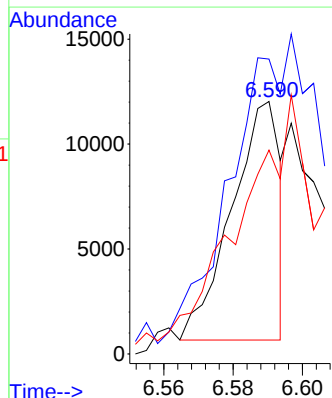
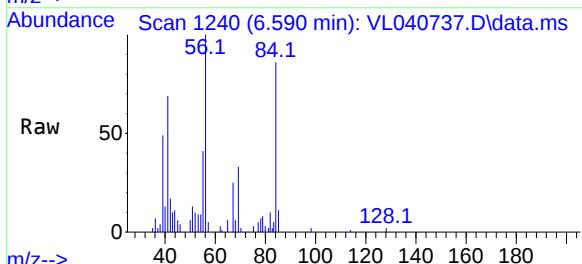
Tgt Ion: 84 Resp: 11075

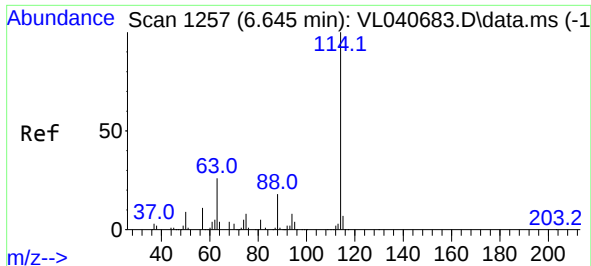
Ion Ratio Lower Upper

84 100

56 291.2 103.2 154.8#

41 196.9 65.5 98.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

ClientSampleId :

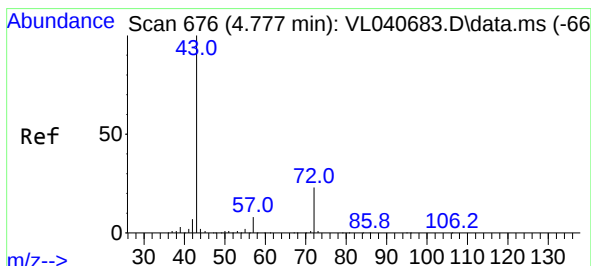
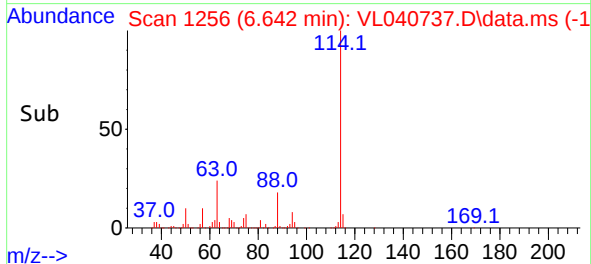
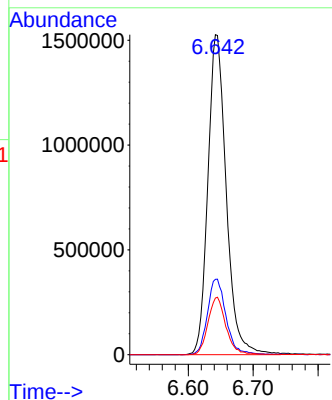
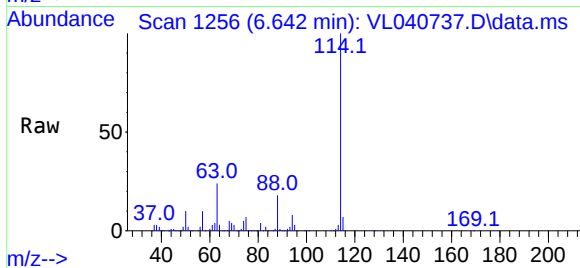
Tgt Ion:114 Resp: 3005224

Ion Ratio Lower Upper

114 100

63 24.1 21.1 31.7

88 17.7 14.5 21.7



#34

2-Butanone

Concen: 0.537 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.000 min

Lab File: VL040737.D

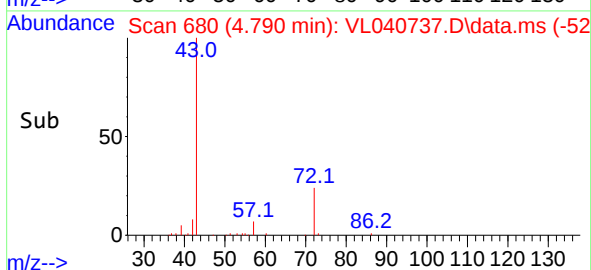
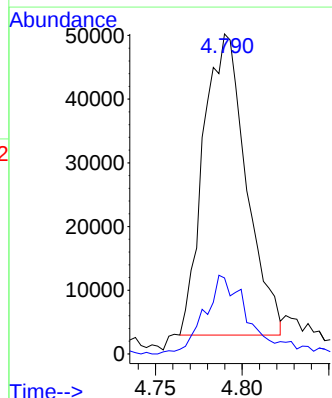
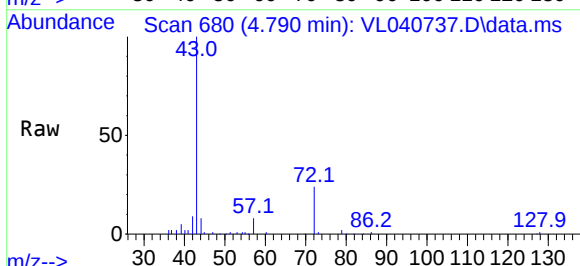
Acq: 4 Oct 2023 12:33

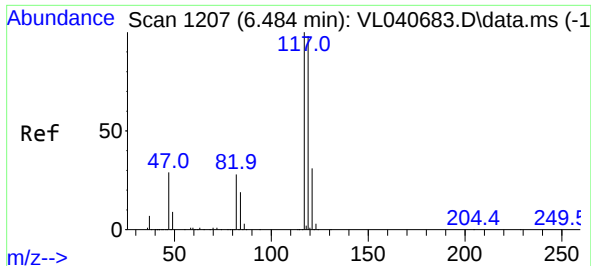
Tgt Ion: 43 Resp: 81168

Ion Ratio Lower Upper

43 100

72 28.3 18.6 27.8#

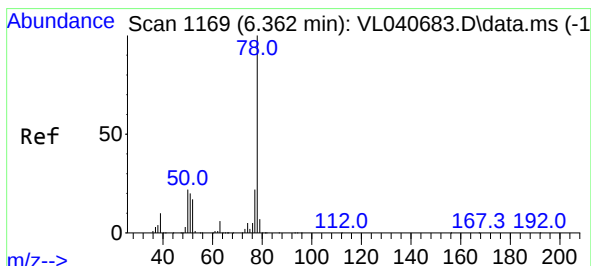
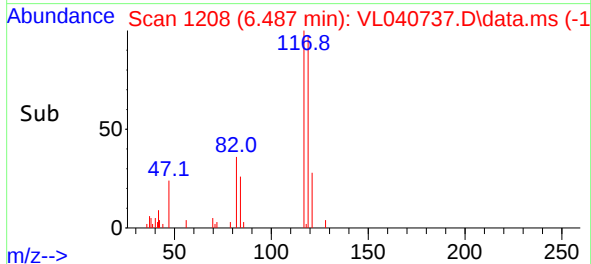
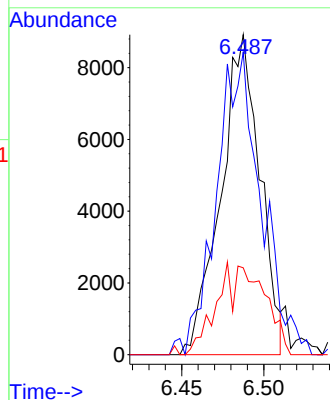
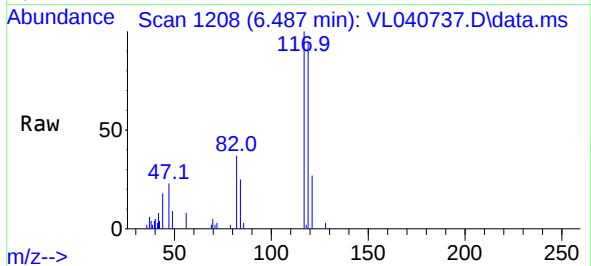




#35
Carbon Tetrachloride
Concen: 0.072 ppbv
RT: 6.487 min Scan# 1168
Delta R.T. -0.016 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

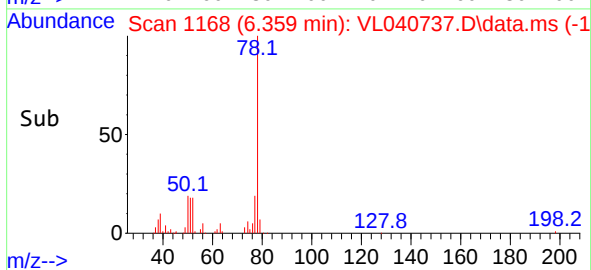
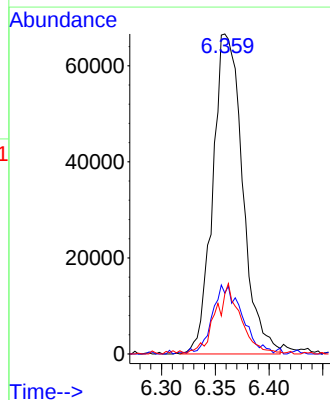
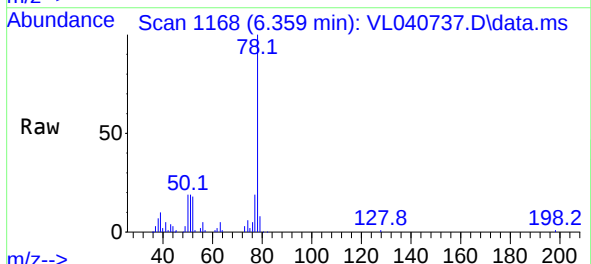
Instrument :
MSVOA_L
ClientSampleId :

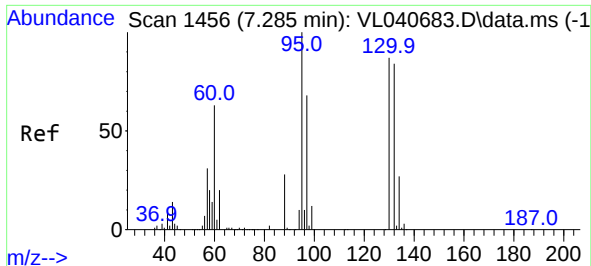
Tgt Ion:117 Resp: 14793
Ion Ratio Lower Upper
117 100
119 89.5 78.6 117.8
121 27.2 24.7 37.1



#36
Benzene
Concen: 0.577 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.023 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

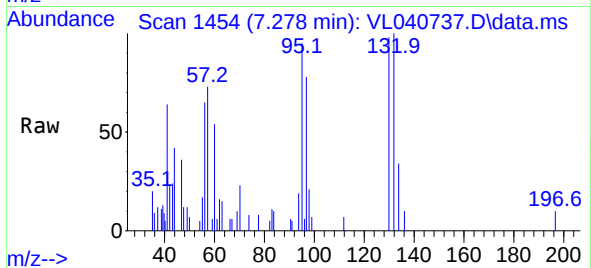
Tgt Ion: 78 Resp: 128487
Ion Ratio Lower Upper
78 100
77 18.5 17.9 26.9
50 18.1 17.3 25.9





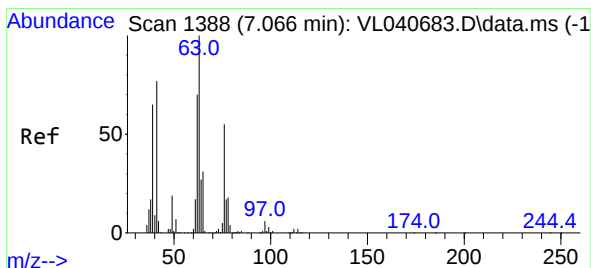
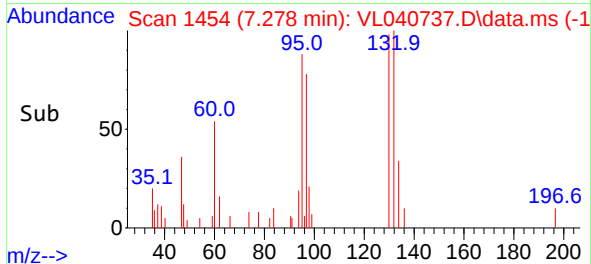
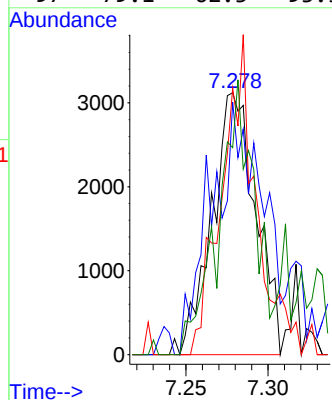
#38
 Trichloroethene
 Concen: 0.068 ppbv
 RT: 7.278 min Scan# 1456
 Delta R.T. -0.023 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:130 Resp: 5778

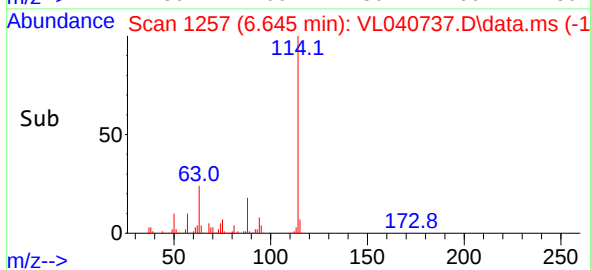
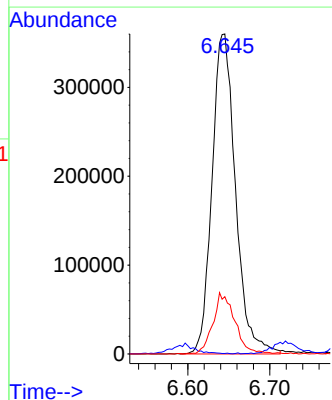
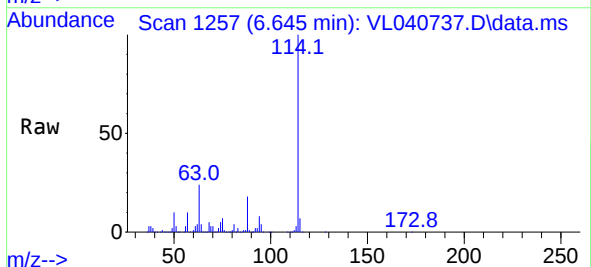
Ion	Ratio	Lower	Upper
130	100		
95	96.4	91.9	137.9
132	101.9	77.3	115.9
97	79.1	62.3	93.5

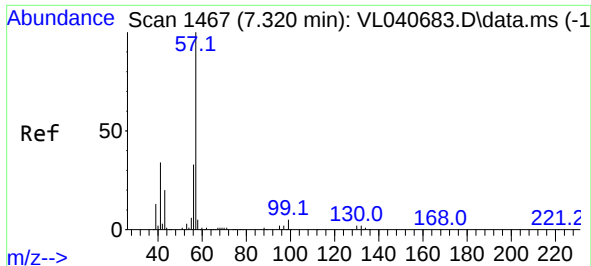


#39
 1,2-Dichloropropane
 Concen: 8.364 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.437 min
 Lab File: VL040737.D
 Acq: 4 Oct 2023 12:33

Tgt Ion: 63 Resp: 716433

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.6	92.4#
62	17.7	55.8	83.8#





#44

2,2,4-Trimethylpentane

Concen: 0.415 ppbv

RT: 7.317 min Scan# 14

Delta R.T. -0.019 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Instrument :

MSVOA_L

ClientSampleId :

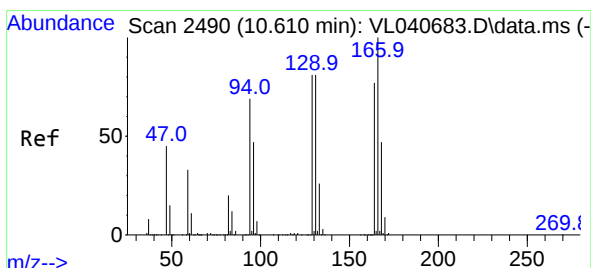
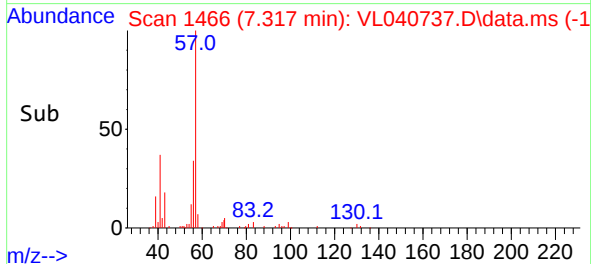
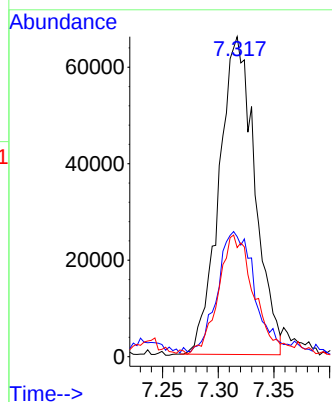
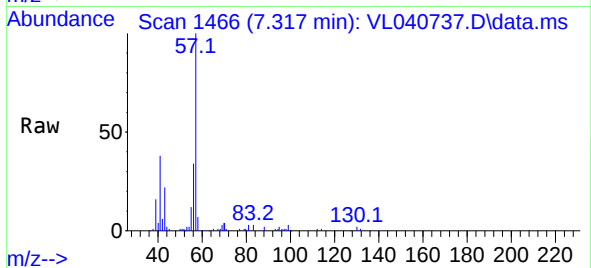
Tgt Ion: 57 Resp: 147010

Ion Ratio Lower Upper

57 100

41 43.5 28.5 42.7#

56 42.4 25.4 38.2#



#52

Tetrachloroethene

Concen: 0.071 ppbv

RT: 10.600 min Scan# 2487

Delta R.T. -0.026 min

Lab File: VL040737.D

Acq: 4 Oct 2023 12:33

Tgt Ion: 164 Resp: 5164

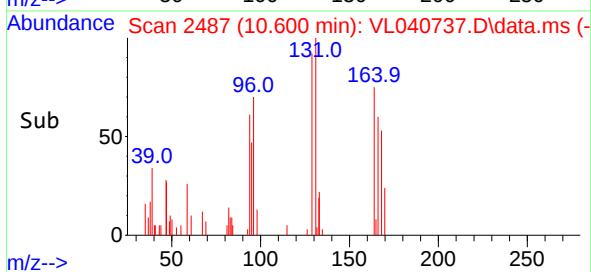
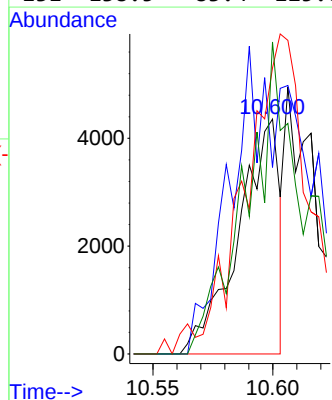
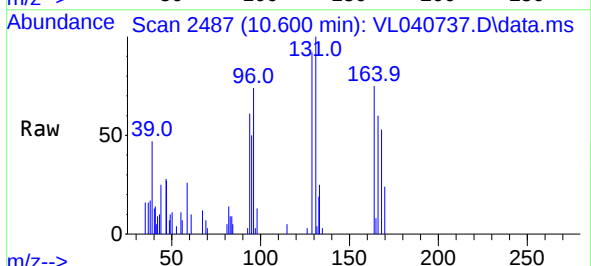
Ion Ratio Lower Upper

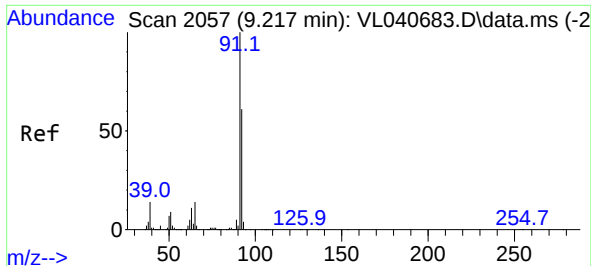
164 100

166 79.5 103.4 155.2#

129 113.4 83.5 125.3

131 138.5 83.4 125.0#

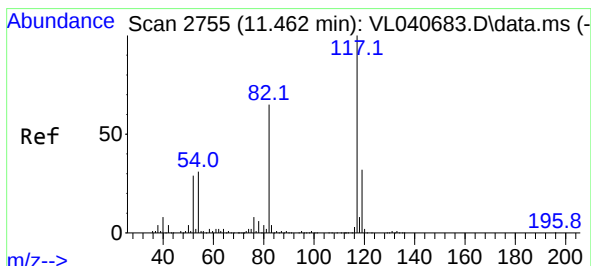
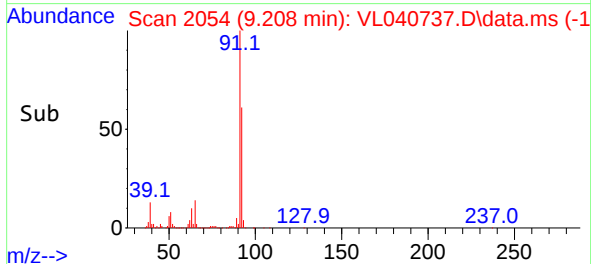
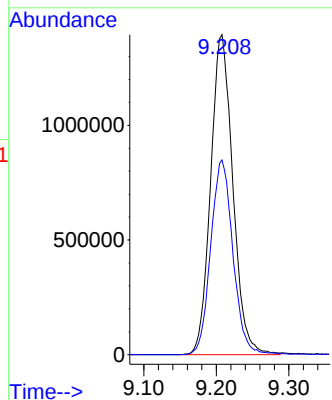
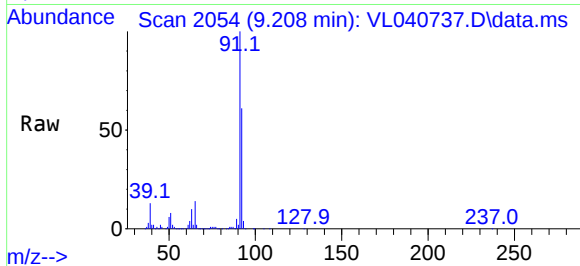




#53
Toluene
Concen: 12.631 ppbv
RT: 9.208 min Scan# 2057
Delta R.T. -0.023 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

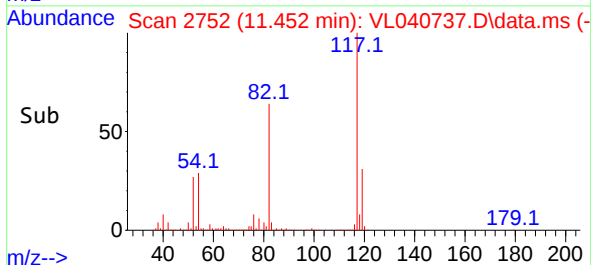
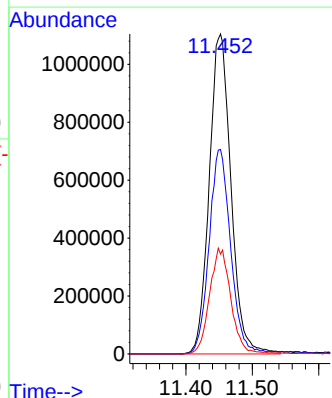
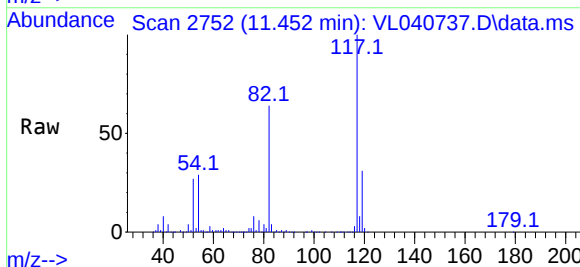
Instrument :
MSVOA_L
ClientSampleId :

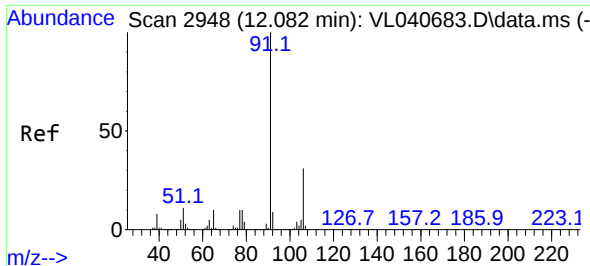
Tgt Ion: 91 Resp: 2967757
Ion Ratio Lower Upper
91 100
92 61.0 48.5 72.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 117 Resp: 2512155
Ion Ratio Lower Upper
117 100
82 64.8 51.4 77.0
119 32.6 24.7 37.1

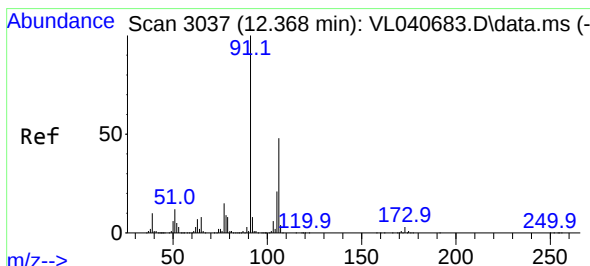
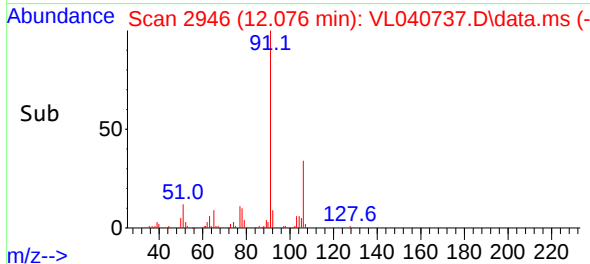
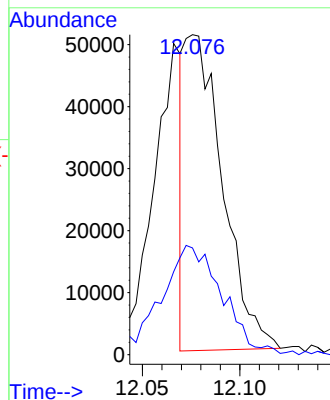
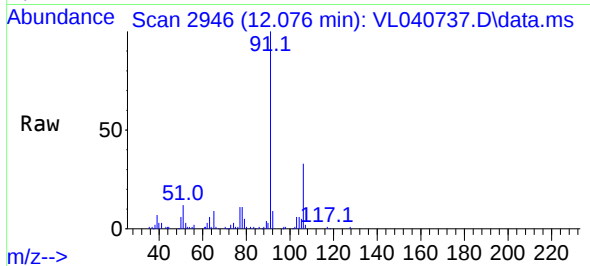




#58
Ethyl Benzene
Concen: 0.242 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

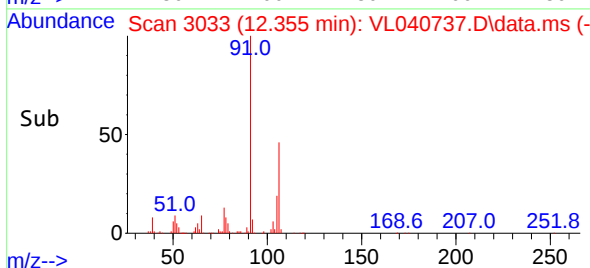
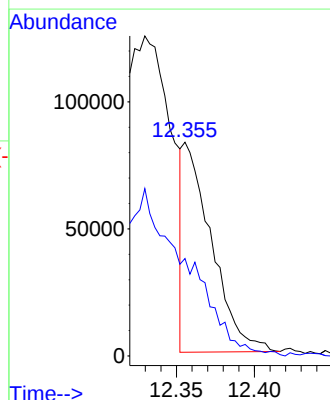
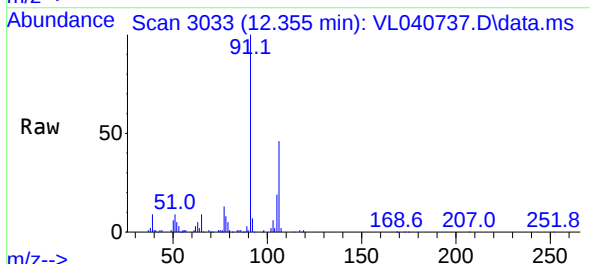
Instrument :
MSVOA_L
ClientSampleId :

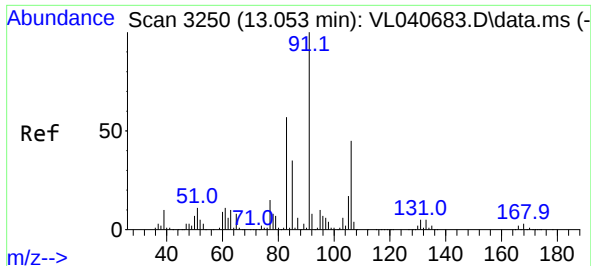
Tgt Ion: 91 Resp: 69313
Ion Ratio Lower Upper
91 100
106 33.6 24.7 37.1



#59
m/p-Xylene
Concen: 0.390 ppbv
RT: 12.355 min Scan# 3033
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion: 91 Resp: 104787
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#

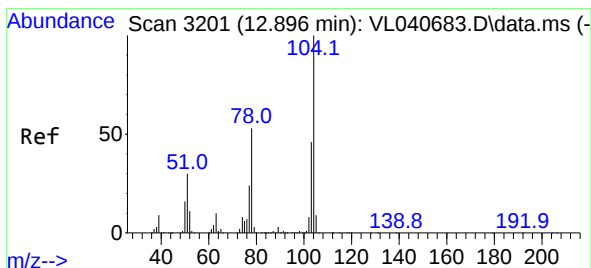
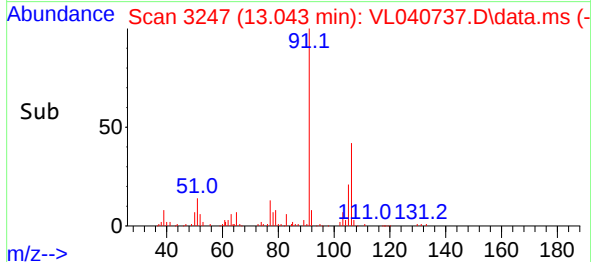
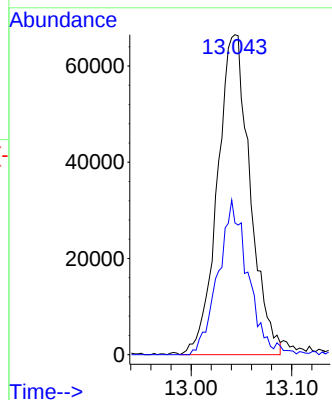
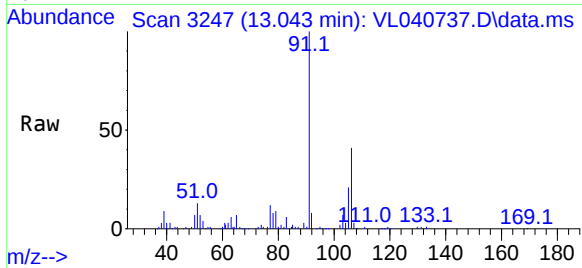




#60
o-Xylene
Concen: 0.585 ppbv
RT: 13.043 min Scan# 3197
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

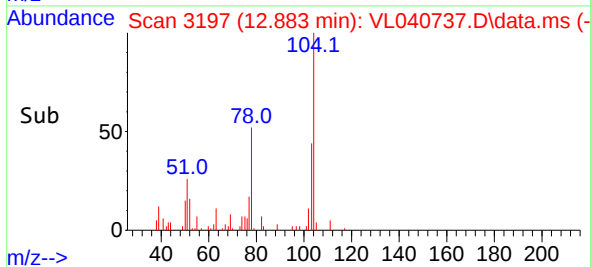
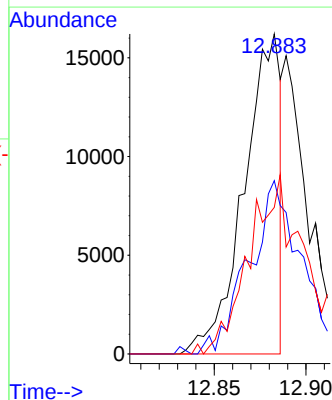
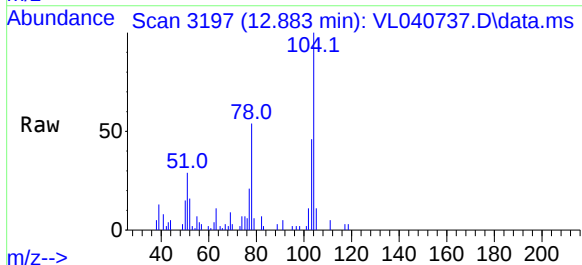
Instrument :
MSVOA_L
ClientSampleId :

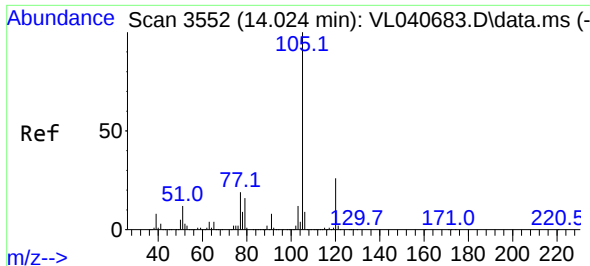
Tgt Ion: 91 Resp: 149974
Ion Ratio Lower Upper
91 100
106 44.9 22.3 66.9



#61
Styrene
Concen: 0.207 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.023 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion:104 Resp: 22253
Ion Ratio Lower Upper
104 100
78 83.8 43.4 65.0#
103 0.0 37.2 55.8#

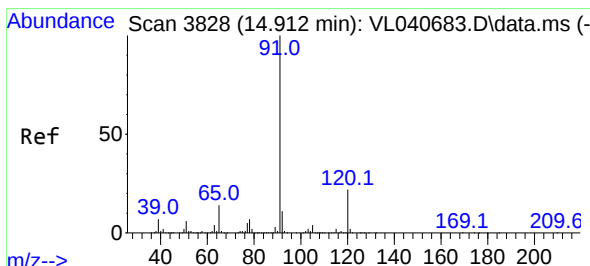
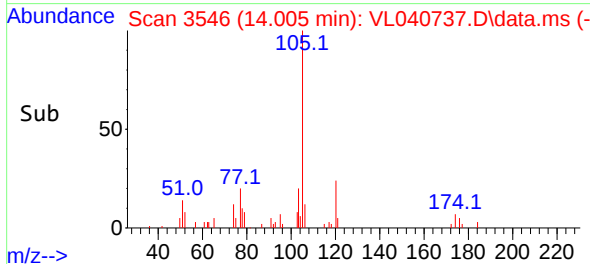
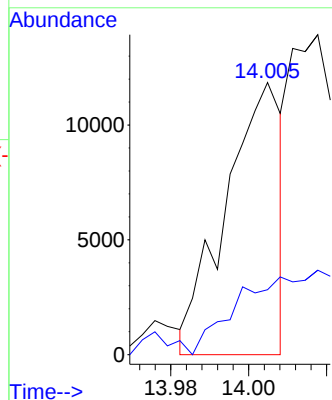
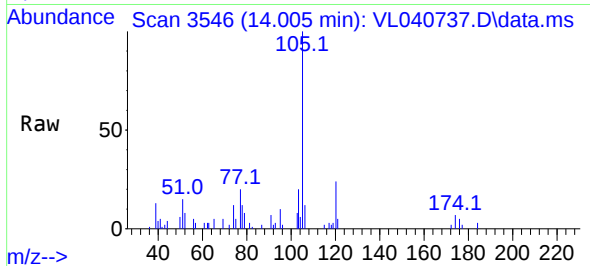




#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.005 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

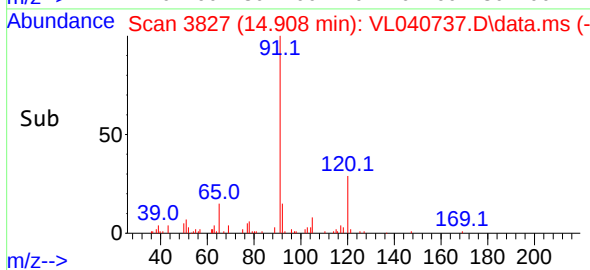
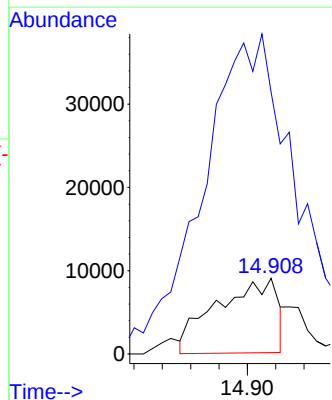
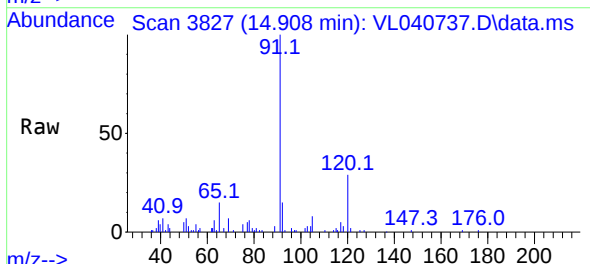
Instrument :
MSVOA_L
ClientSampleId :

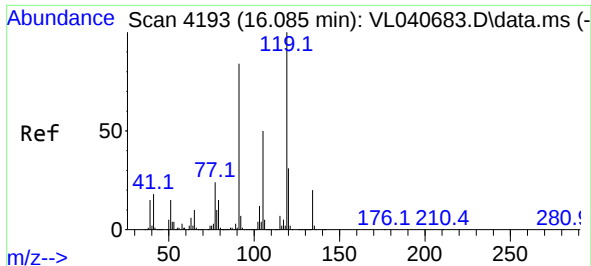
Tgt Ion:105 Resp: 11813
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.4#



#64
n-propylbenzene
Concen: 0.137 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.016 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion:120 Resp: 13258
Ion Ratio Lower Upper
120 100
91 709.0 386.9 580.3#

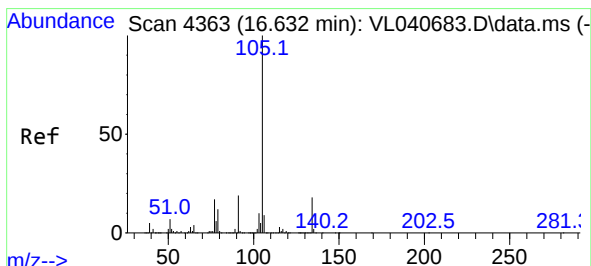
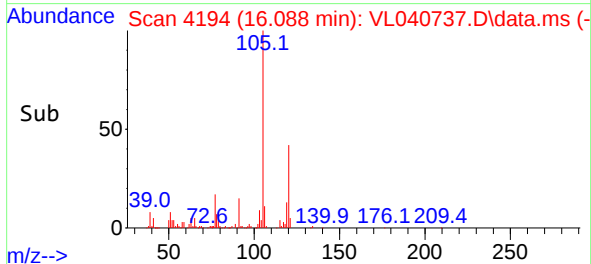
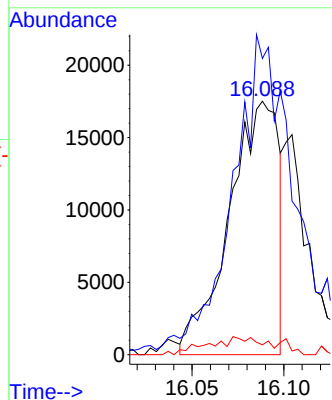
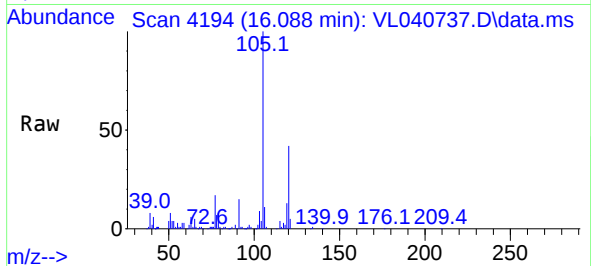




#65
tert-Butylbenzene
Concen: 0.095 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. -0.010 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

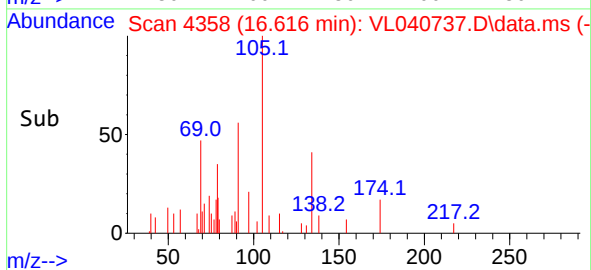
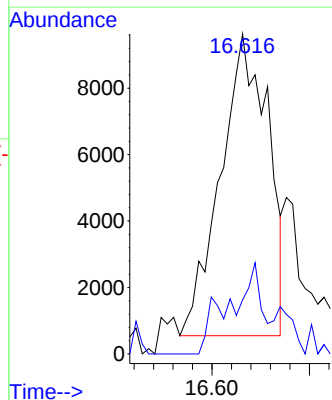
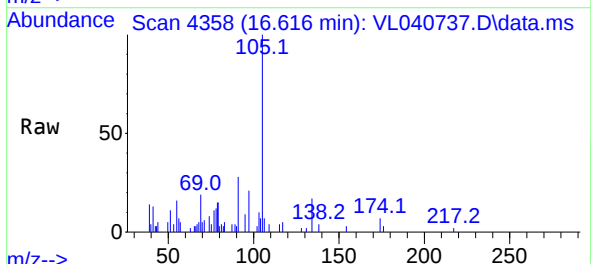
Instrument :
MSVOA_L
ClientSampleId :

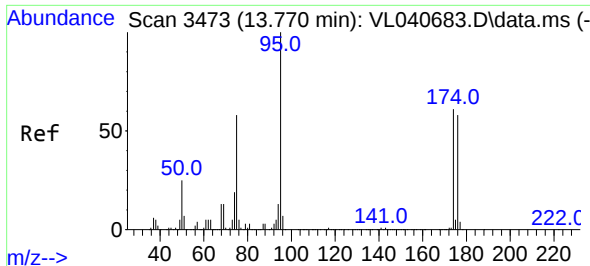
Tgt Ion:119 Resp: 32851
Ion Ratio Lower Upper
119 100
91 153.5 69.8 104.8#
134 10.0 15.4 23.2#



#67
sec-Butylbenzene
Concen: 0.031 ppbv
RT: 16.616 min Scan# 4358
Delta R.T. -0.029 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

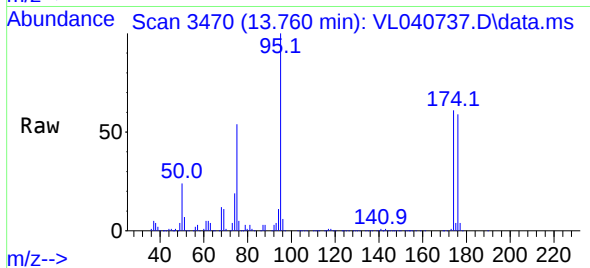
Tgt Ion:105 Resp: 15426
Ion Ratio Lower Upper
105 100
134 28.3 14.1 21.1#



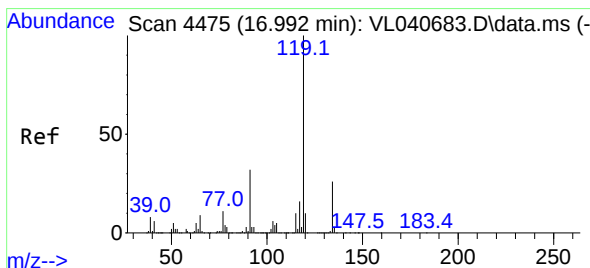
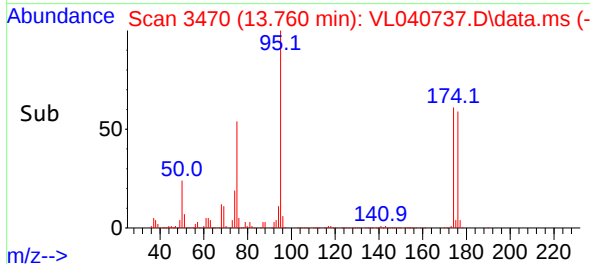
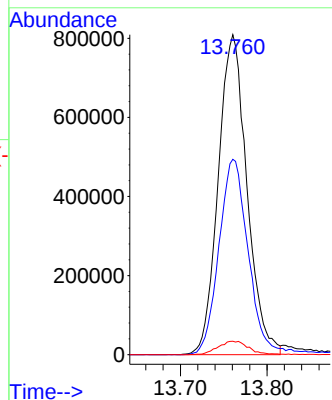


#68
1-Bromo-4-Fluorobenzene
Concen: 9.607 ppbv
RT: 13.760 min Scan# 3473
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Instrument :
MSVOA_L
ClientSampleId :

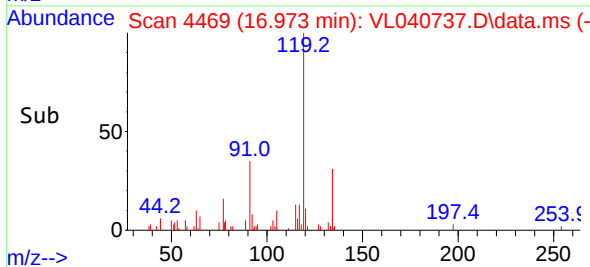
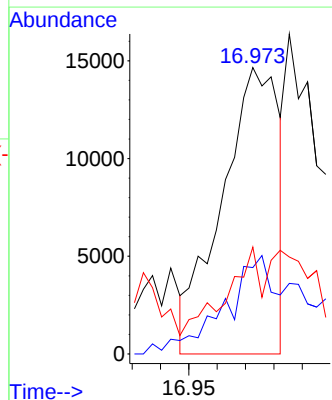
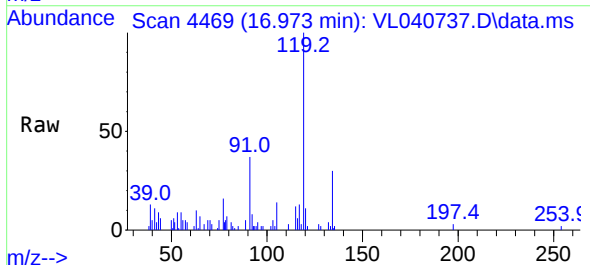


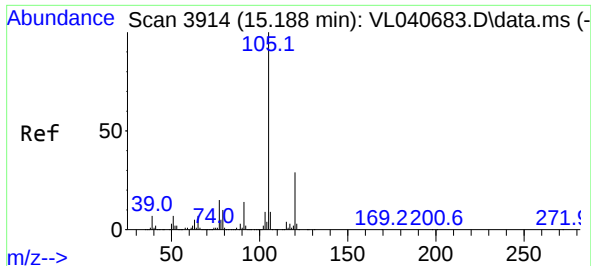
Tgt Ion: 95 Resp: 1864665
Ion Ratio Lower Upper
95 100
174 64.2 48.9 73.3
175 4.6 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.052 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. -0.029 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

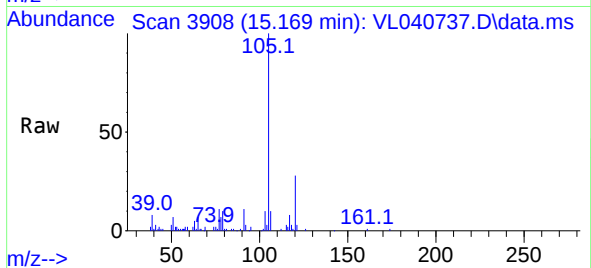
Tgt Ion: 119 Resp: 20466
Ion Ratio Lower Upper
119 100
134 54.7 20.2 30.2#
91 63.6 25.0 37.6#





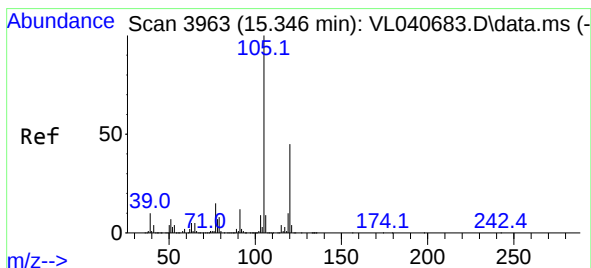
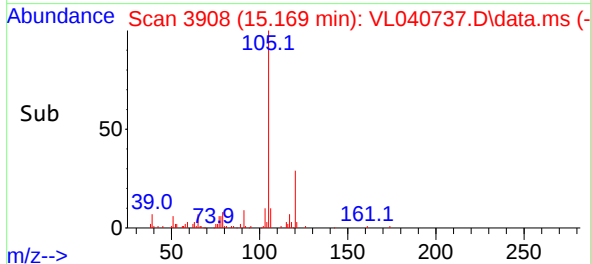
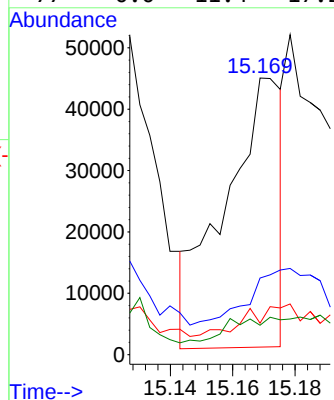
#72
4-Ethyltoluene
Concen: 0.193 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.032 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:105 Resp: 55641

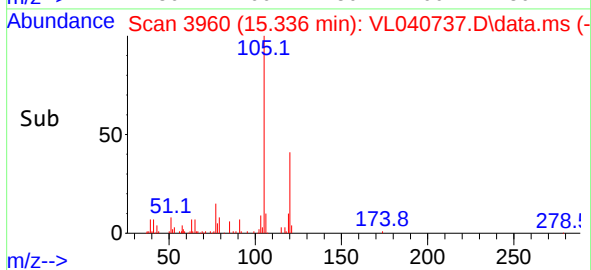
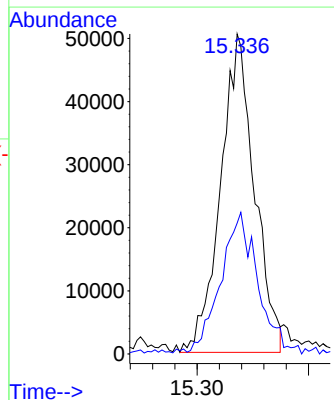
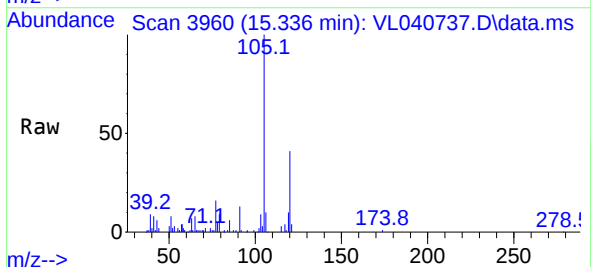
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.9	35.9#
91	0.0	11.0	16.4#
77	0.0	11.4	17.2#

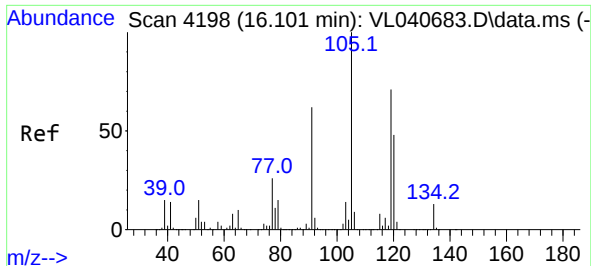


#73
1,3,5-Trimethylbenzene
Concen: 0.411 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Tgt Ion:105 Resp: 106539

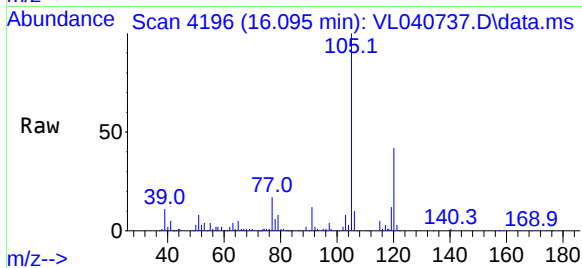
Ion	Ratio	Lower	Upper
105	100		
120	40.1	36.1	54.1



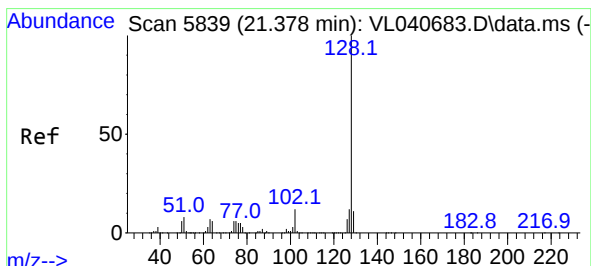
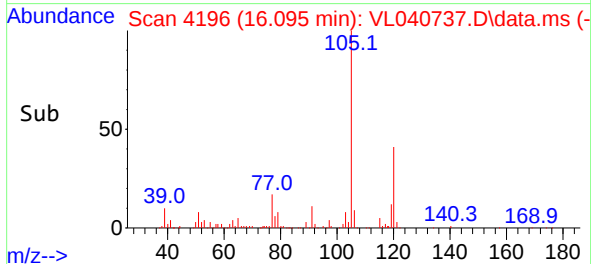
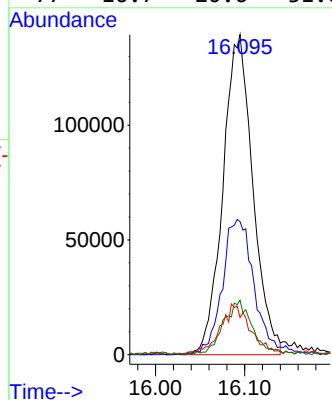


#74
1,2,4-Trimethylbenzene
Concen: 1.031 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.023 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Instrument :
MSVOA_L
ClientSampleId :

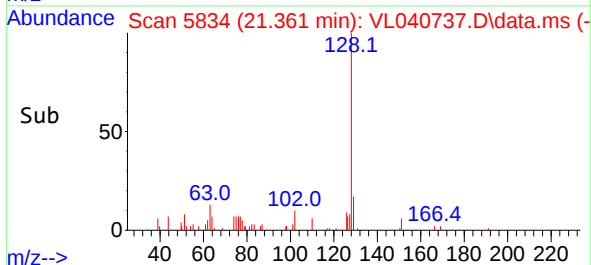
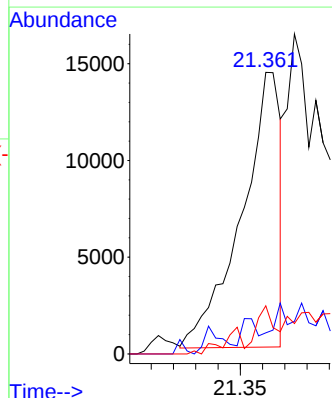
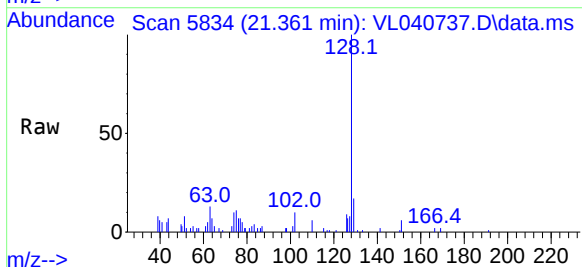


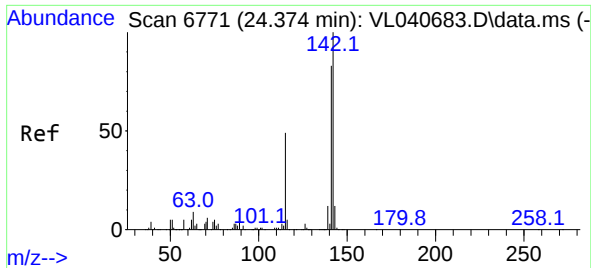
Tgt Ion:105 Resp: 325525
Ion Ratio Lower Upper
105 100
120 41.4 38.6 57.8
91 11.1 50.0 75.0#
77 16.7 20.6 31.0#



#79
Naphthalene
Concen: 0.088 ppbv
RT: 21.361 min Scan# 5834
Delta R.T. -0.032 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

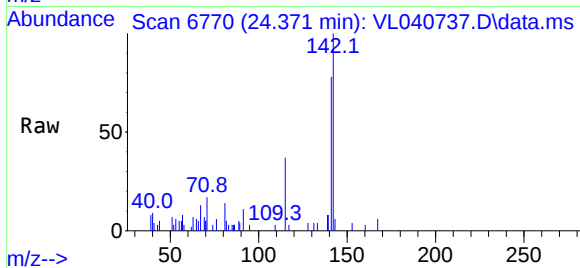
Tgt Ion:128 Resp: 17250
Ion Ratio Lower Upper
128 100
127 2.5 9.8 14.6#
129 17.6 8.4 12.6#





#80
Naphthalene, 2-methyl-
Concen: 0.521 ppbv
RT: 24.371 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL040737.D
Acq: 4 Oct 2023 12:33

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:142 Resp: 25054
Ion Ratio Lower Upper
142 100
141 89.3 67.0 100.6
115 61.3 37.4 56.2#

