

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040587.D
 Acq On : 4 Aug 2023 10:43
 Operator : SY/MD
 Sample : 03858-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

Quant Time: Aug 05 01:07:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

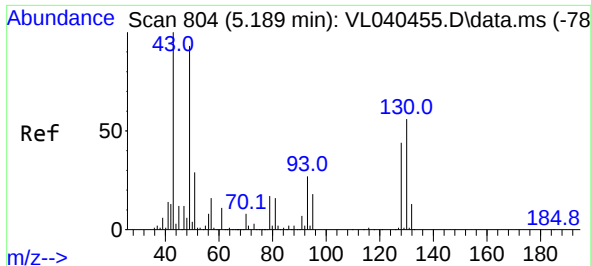
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.189	49	1134759	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2764713	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2372675	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1958353	10.429	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	59616	0.263	ppbv #	82
3) Chlorodifluoromethane	2.671	51	67534	0.375	ppbv #	84
4) Chloromethane	2.803	50	17147	0.241	ppbv	98
9) Propene	2.867	41	759451	12.333	ppbv	98
10) Heptane	7.574	43	21546	0.158	ppbv	85
11) Trichlorofluoromethane	3.558	101	44641	0.244	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.063	101	7172	0.056	ppbv #	75
13) Ethanol	3.237	45	55642	4.153	ppbv #	1
15) Acetone	3.465	43	626884	4.799	ppbv	99
16) 1,3-Butadiene	2.960	39	4912	0.075	ppbv	84
19) Isopropyl Alcohol	3.578	45	96000	1.280	ppbv #	84
20) Methylene Chloride	3.928	84	1183027	21.292	ppbv	98
23) Vinyl Acetate	4.623	43	4369	0.035	ppbv #	46
25) Ethyl Acetate	5.208	43	832706	3.349	ppbv #	76
26) Hexane	5.211	57	1234515	10.686	ppbv #	41
27) Carbon Disulfide	4.118	76	6241	0.046	ppbv #	1
29) Chloroform	5.269	83	6760	0.035	ppbv	86
34) 2-Butanone	4.793	43	121347	0.888	ppbv	97
35) Carbon Tetrachloride	6.491	117	7171	0.043	ppbv #	49
36) Benzene	6.362	78	32903	0.148	ppbv #	87
39) 1,2-Dichloropropane	6.648	63	701729	8.194	ppbv #	27
41) Tetrahydrofuran	5.208	42	450490	5.651	ppbv #	47
52) Tetrachloroethene	10.606	164	13929	0.193	ppbv	84
53) Toluene	9.220	91	39098	0.162	ppbv #	20
60) o-Xylene	13.050	91	27141	0.107	ppbv #	31
64) n-propylbenzene	14.912	120	21142	0.215	ppbv #	1
65) tert-Butylbenzene	16.108	119	168845	0.503	ppbv #	55
66) Benzyl Chloride	16.149	91	2294	0.097	ppbv #	84
67) sec-Butylbenzene	16.632	105	20196	0.041	ppbv #	42
70) n-Butylbenzene	17.870	91	20764	0.046	ppbv #	33
71) 2-Chlorotoluene	14.680	91	10775	0.037	ppbv	84
72) 4-Ethyltoluene	15.195	105	243117	0.819	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.352	105	378278	1.446	ppbv	90
74) 1,2,4-Trimethylbenzene	16.104	105	1597920	5.239	ppbv #	64
75) 1,3-Dichlorobenzene	16.474	146	1239232	6.702	ppbv	97
76) 1,4-Dichlorobenzene	16.474	146	1239232	6.835	ppbv	97
79) Naphthalene	21.390	128	257546	0.998	ppbv	99
80) Naphthalene,2-methyl-	24.377	142	16115	0.151	ppbv #	91

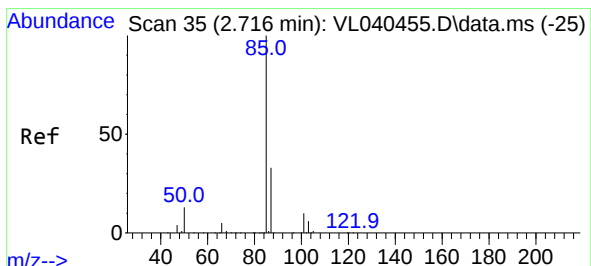
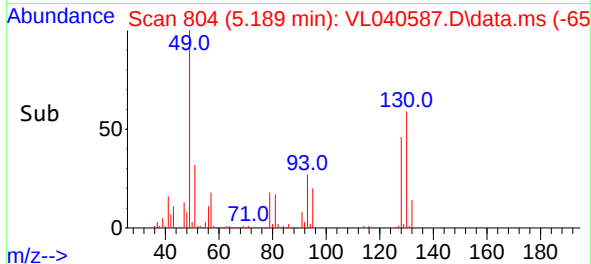
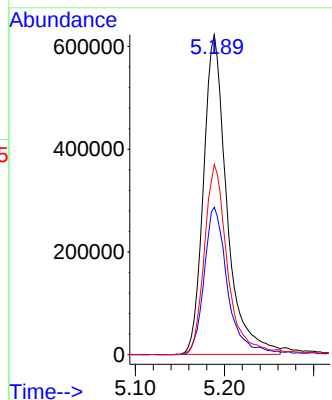
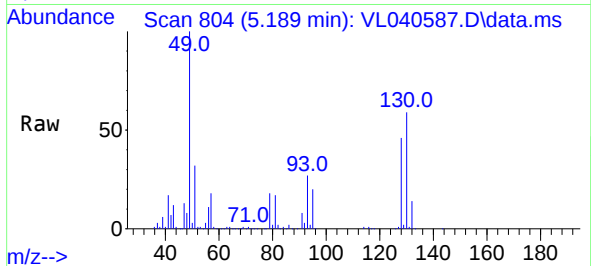
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

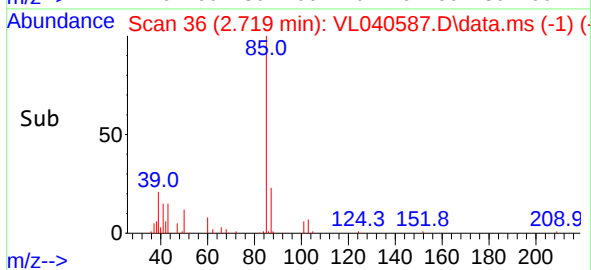
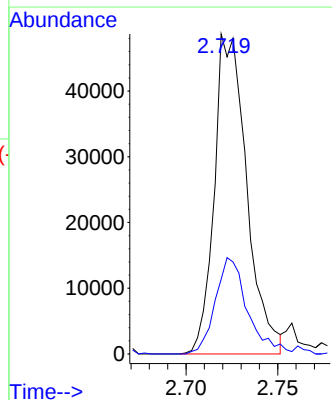
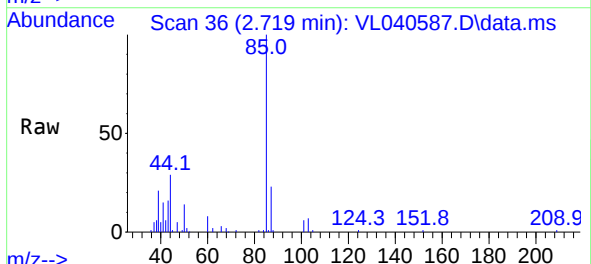
Instrument :
MSVOA_L
ClientSampleId :
IA1A

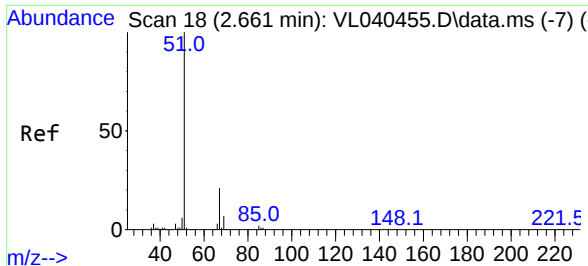
Tgt Ion: 49 Resp: 1134759
Ion Ratio Lower Upper
49 100
128 47.7 25.1 75.4
130 61.4 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.263 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 85 Resp: 59616
Ion Ratio Lower Upper
85 100
87 23.4 26.8 40.2#

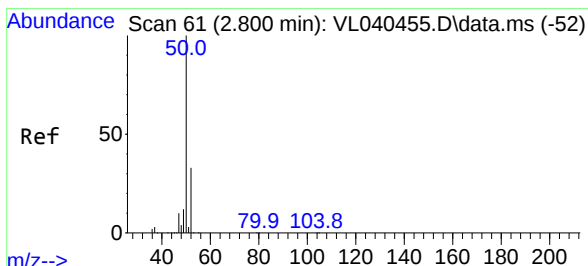
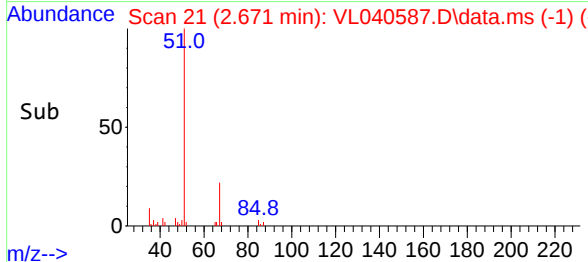
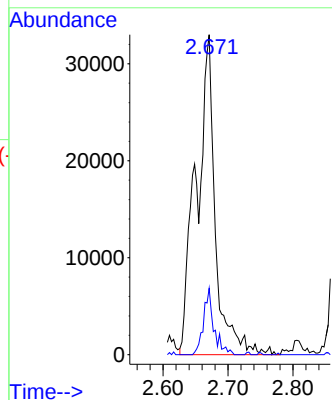
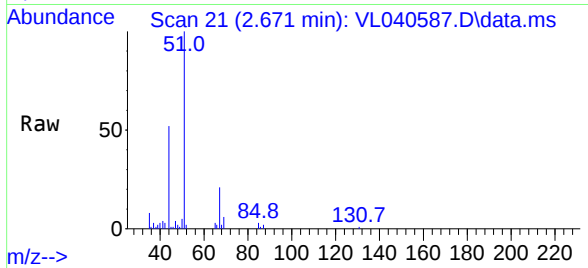




#3
Chlorodifluoromethane
Concen: 0.375 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

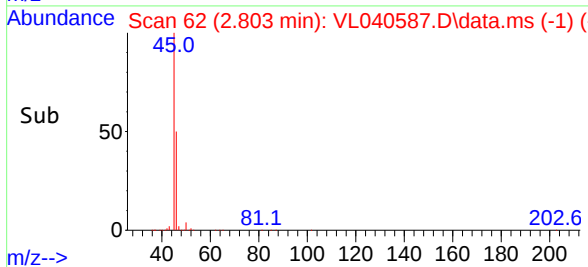
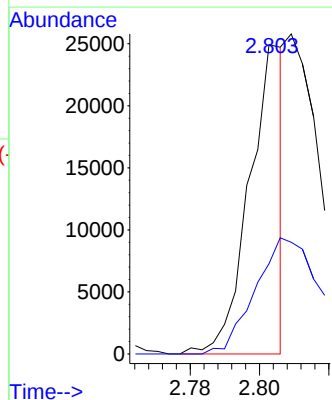
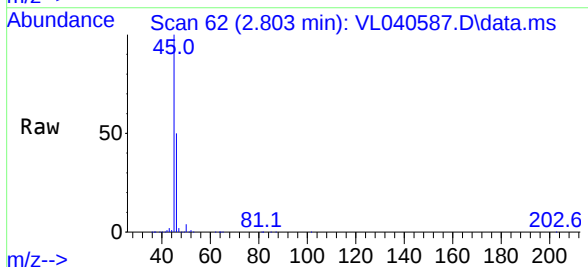
Instrument :
MSVOA_L
ClientSampleId :
IA1A

Tgt Ion: 51 Resp: 67534
Ion Ratio Lower Upper
51 100
67 11.3 14.6 21.8#

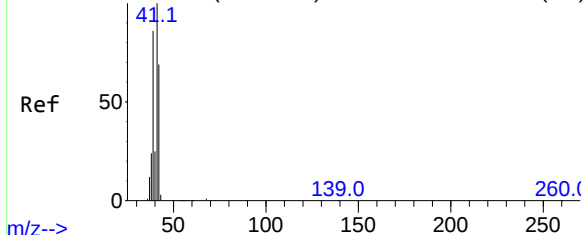


#4
Chloromethane
Concen: 0.241 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 50 Resp: 17147
Ion Ratio Lower Upper
50 100
52 29.2 24.4 36.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 12.333 ppbv

RT: 2.867 min Scan# 81

Delta R.T. 0.164 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

IA1A

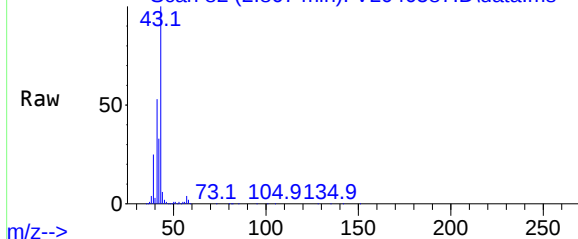
Tgt Ion: 41 Resp: 759451

Ion Ratio Lower Upper

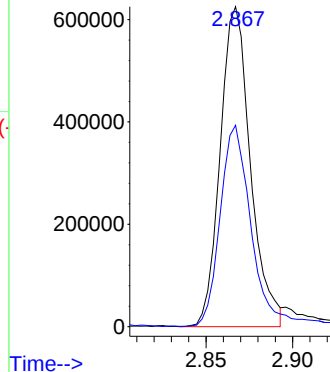
41 100

42 66.9 55.0 82.6

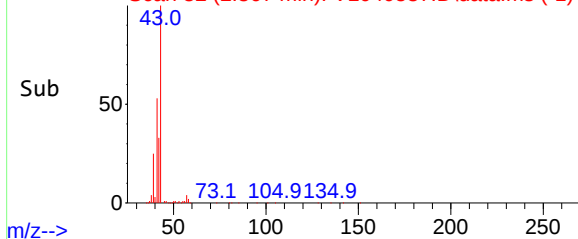
Abundance Scan 82 (2.867 min): VL040587.D\data.ms



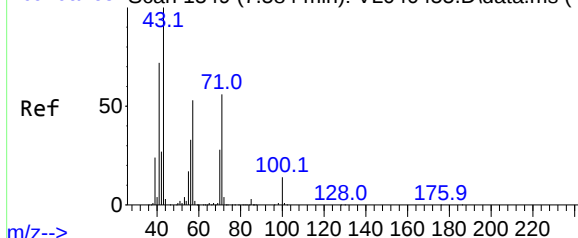
Abundance



Abundance Scan 82 (2.867 min): VL040587.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 0.158 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.016 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

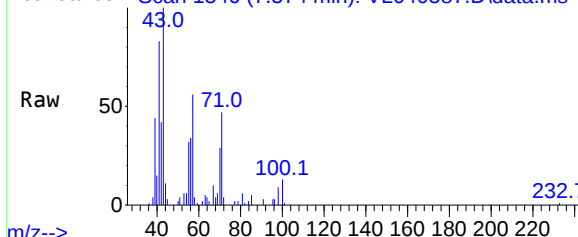
Tgt Ion: 43 Resp: 21546

Ion Ratio Lower Upper

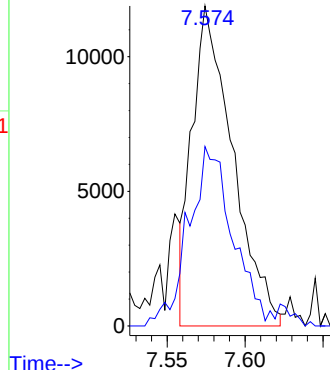
43 100

57 63.4 42.5 63.7

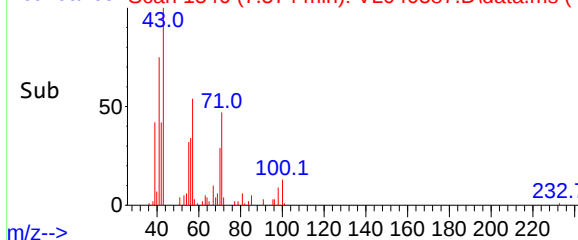
Abundance Scan 1546 (7.574 min): VL040587.D\data.ms

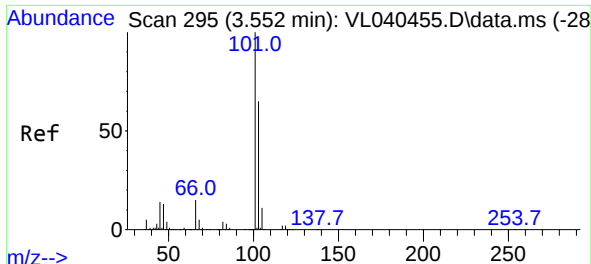


Abundance



Abundance Scan 1546 (7.574 min): VL040587.D\data.ms (-1)

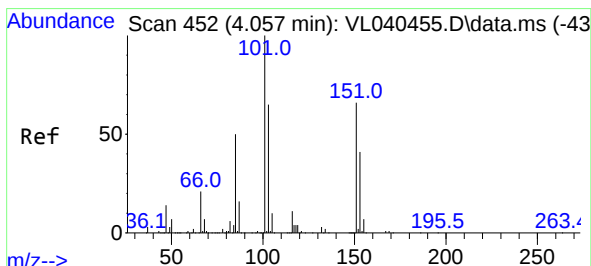
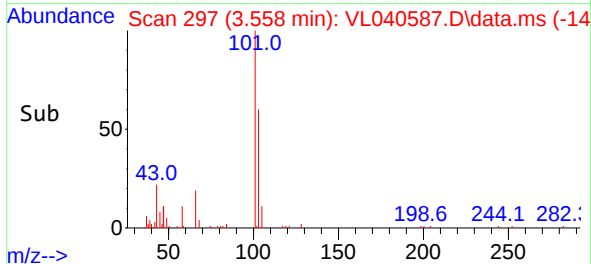
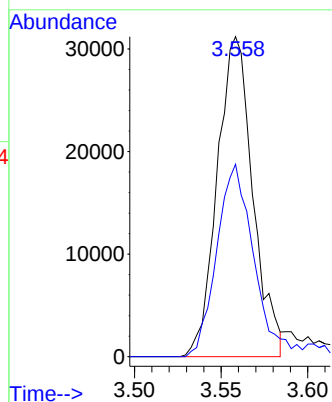
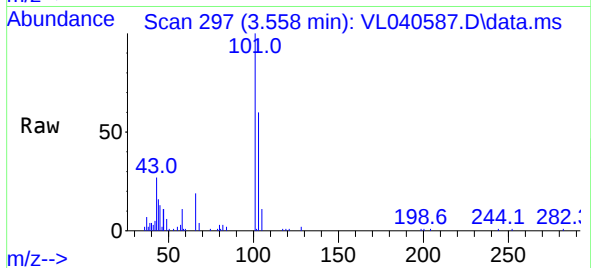




#11
 Trichlorofluoromethane
 Concen: 0.244 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. -0.013 min
 Lab File: VL040587.D
 Acq: 4 Aug 2023 10:43

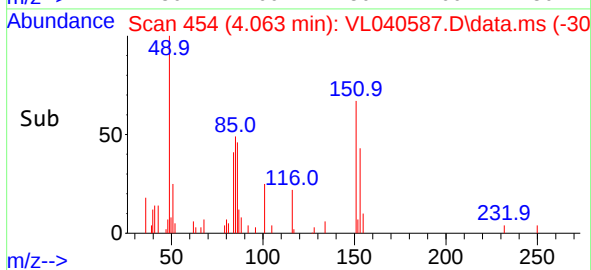
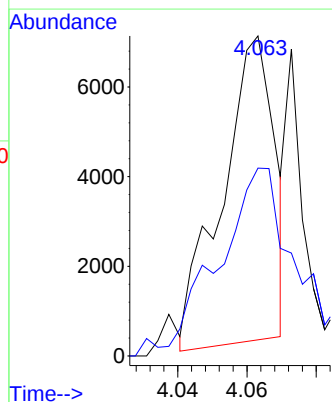
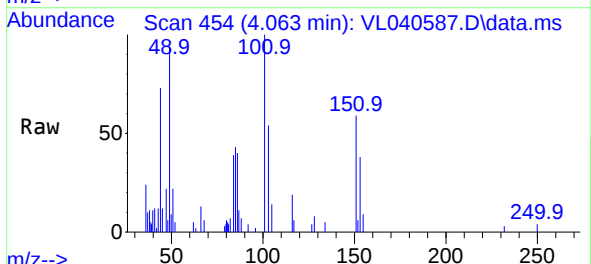
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

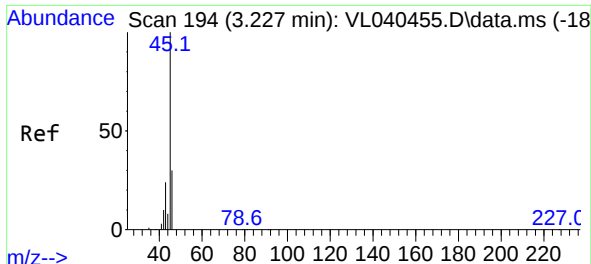
Tgt Ion:101 Resp: 44641
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.056 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040587.D
 Acq: 4 Aug 2023 10:43

Tgt Ion:101 Resp: 7172
 Ion Ratio Lower Upper
 101 100
 151 93.4 58.2 87.4#

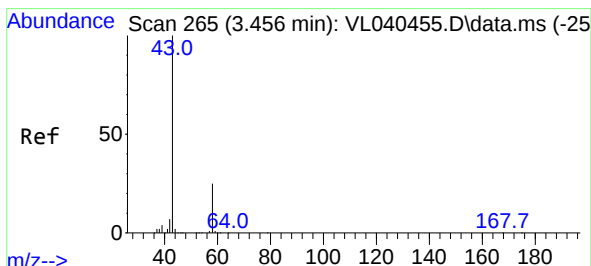
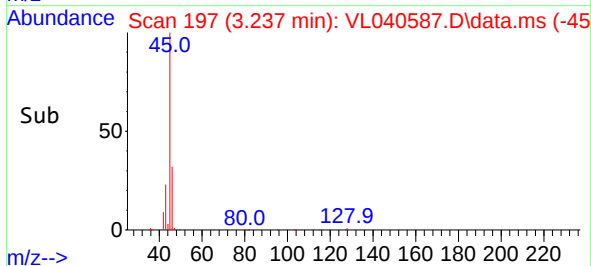
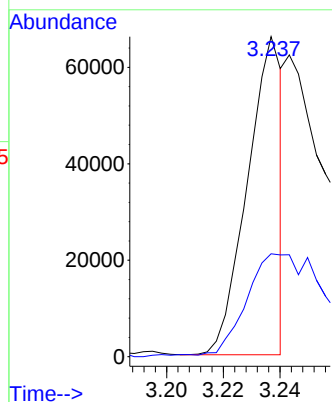
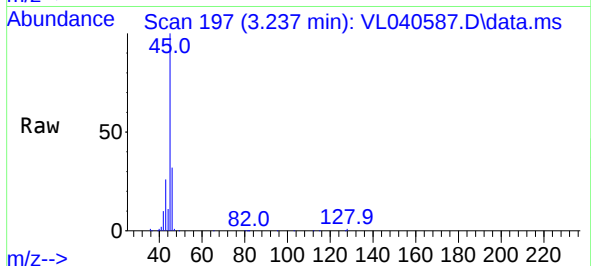




#13
Ethanol
Concen: 4.153 ppbv
RT: 3.237 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

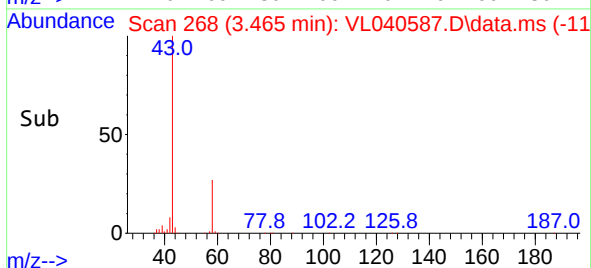
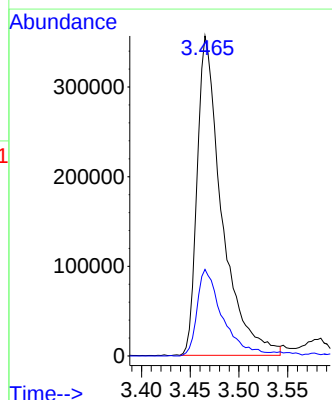
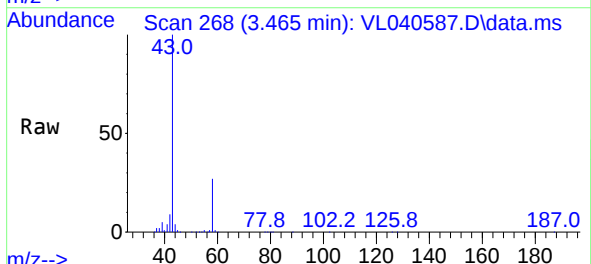
Instrument :
MSVOA_L
ClientSampleId :
IA1A

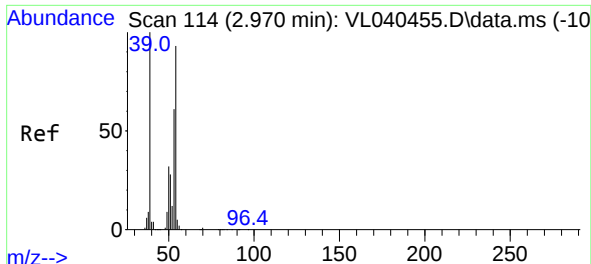
Tgt Ion: 45 Resp: 55642
Ion Ratio Lower Upper
45 100
46 98.8 15.3 61.1#



#15
Acetone
Concen: 4.799 ppbv
RT: 3.465 min Scan# 268
Delta R.T. -0.010 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 43 Resp: 626884
Ion Ratio Lower Upper
43 100
58 28.9 22.9 34.3





#16

1,3-Butadiene

Concen: 0.075 ppbv

RT: 2.960 min Scan# 114

Delta R.T. -0.032 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

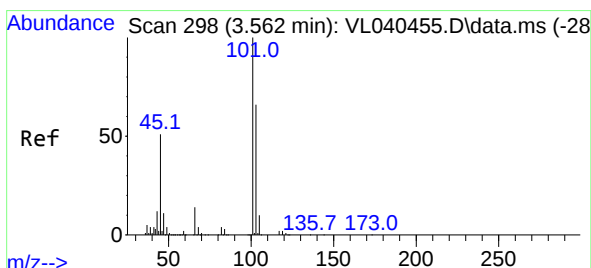
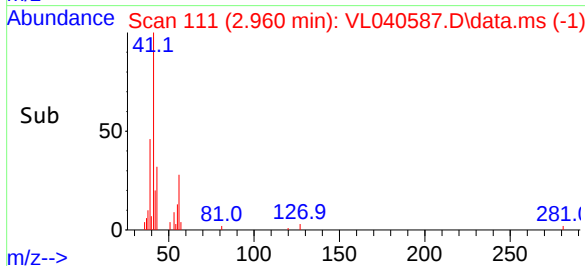
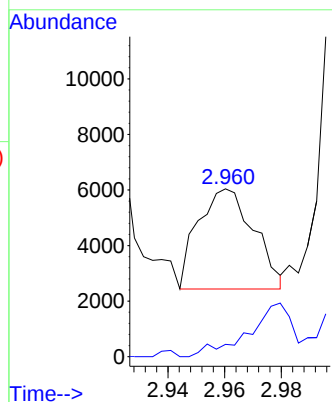
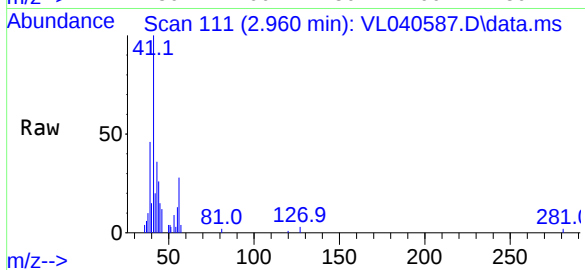
IA1A

Tgt Ion: 39 Resp: 4912

Ion Ratio Lower Upper

39 100

54 69.2 66.6 100.0



#19

Isopropyl Alcohol

Concen: 1.280 ppbv

RT: 3.578 min Scan# 303

Delta R.T. -0.003 min

Lab File: VL040587.D

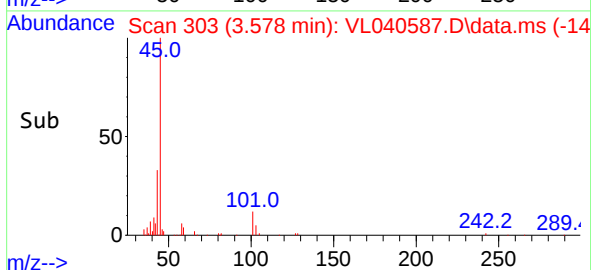
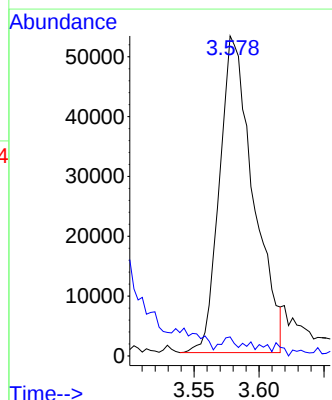
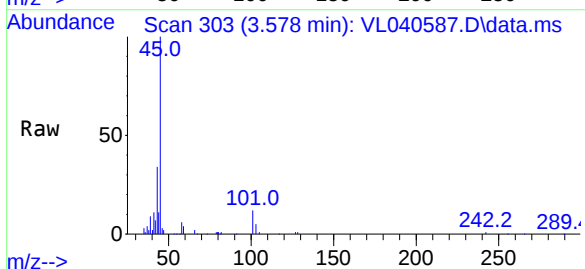
Acq: 4 Aug 2023 10:43

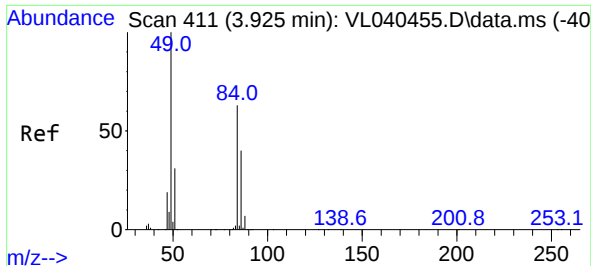
Tgt Ion: 45 Resp: 96000

Ion Ratio Lower Upper

45 100

58 7.7 1.1 1.7#



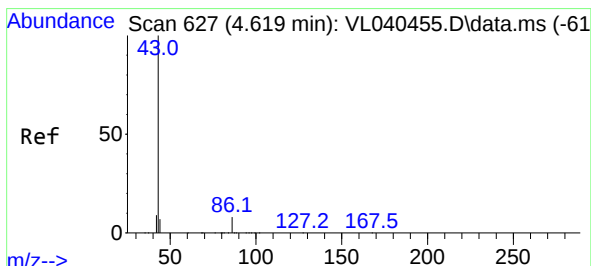
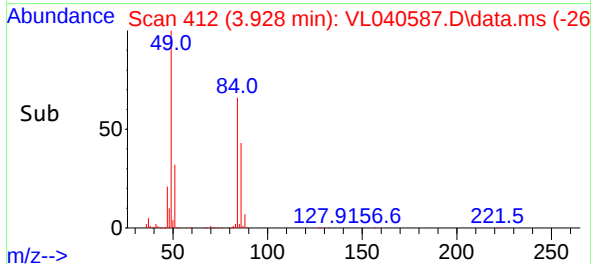
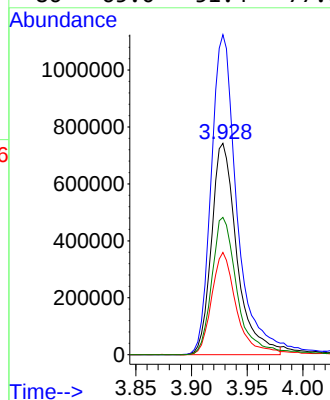
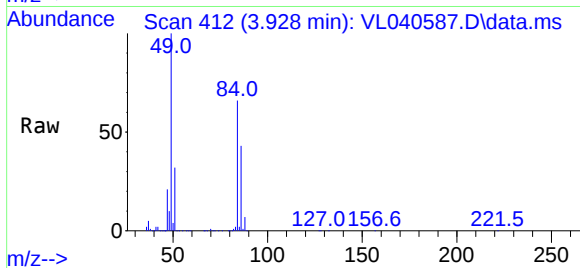


#20
Methylene Chloride
Concen: 21.292 ppbv
RT: 3.928 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :
IA1A

Tgt Ion: 84 Resp: 1183027

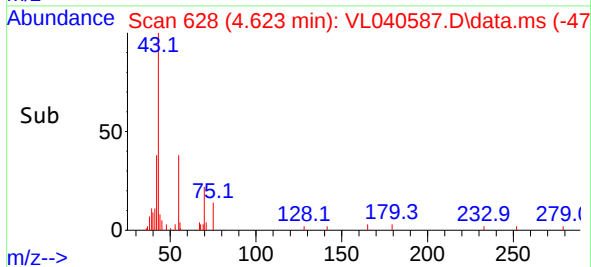
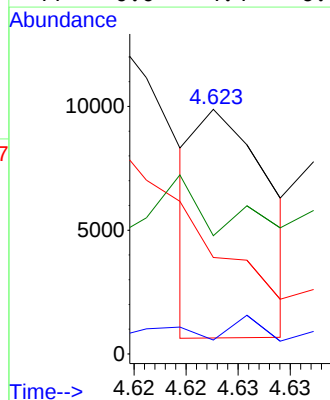
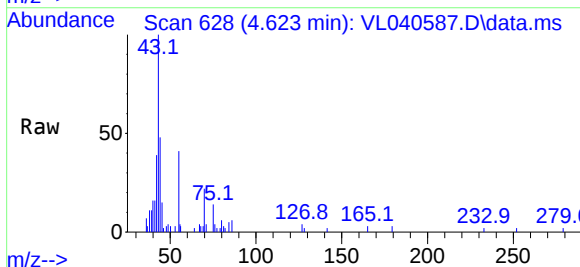
Ion	Ratio	Lower	Upper
84	100		
49	151.3	123.4	185.2
51	48.4	38.3	57.5
86	65.0	51.4	77.0

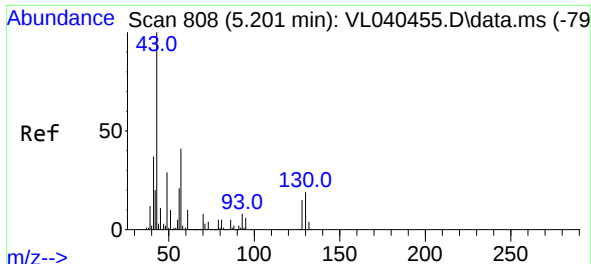


#23
Vinyl Acetate
Concen: 0.035 ppbv
RT: 4.623 min Scan# 628
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 43 Resp: 4369

Ion	Ratio	Lower	Upper
43	100		
86	1.1	5.6	8.4#
42	47.1	7.4	11.2#
44	0.0	4.4	6.6#

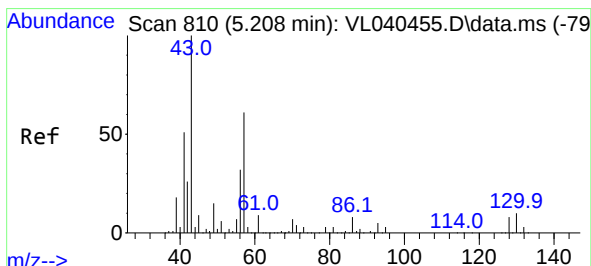
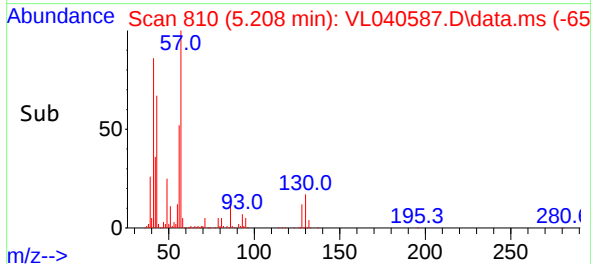
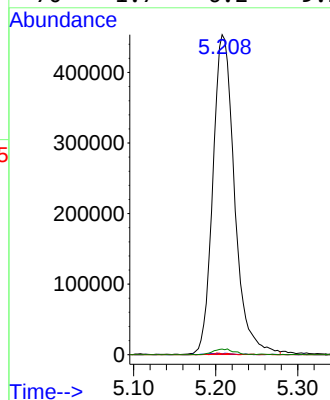
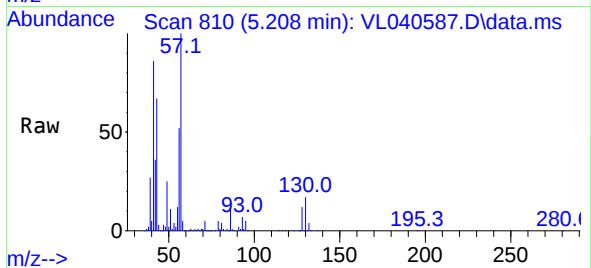




#25
Ethyl Acetate
Concen: 3.349 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

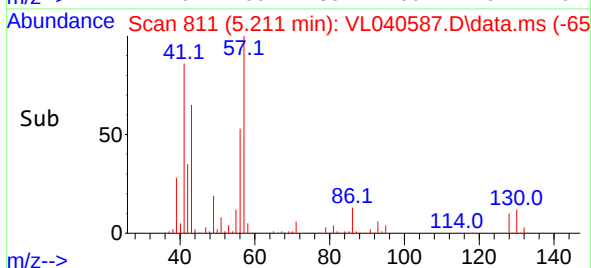
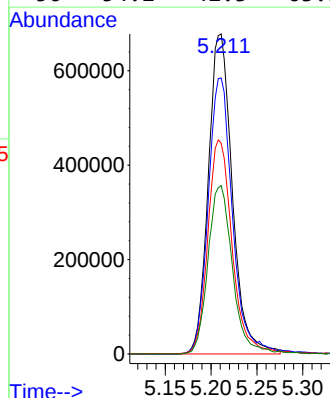
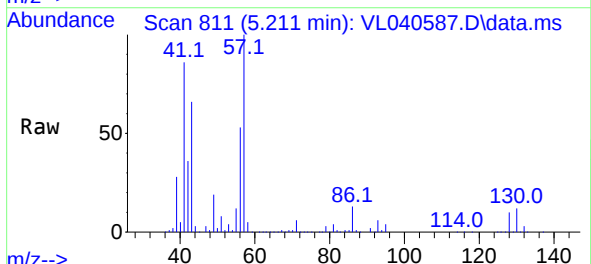
Instrument :
MSVOA_L
ClientSampleId :
IA1A

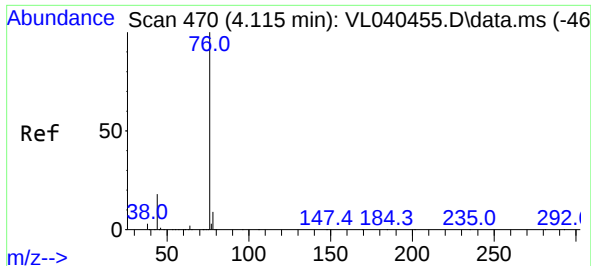
Tgt Ion: 43 Resp: 832706
Ion Ratio Lower Upper
43 100
45 0.5 8.2 12.4#
61 0.4 8.3 12.5#
70 1.7 6.2 9.2#



#26
Hexane
Concen: 10.686 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 57 Resp: 1234515
Ion Ratio Lower Upper
57 100
41 88.2 69.5 104.3
43 68.0 177.1 265.7#
56 54.2 42.3 63.5

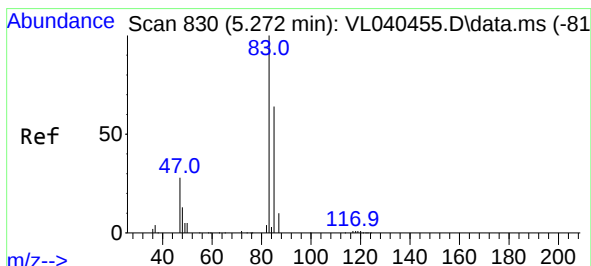
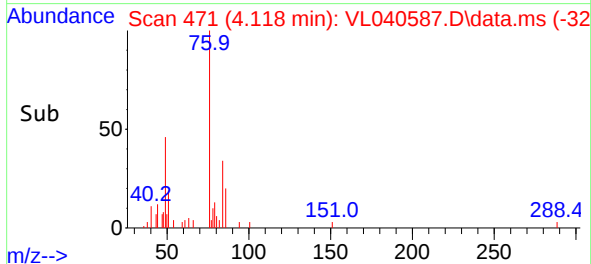
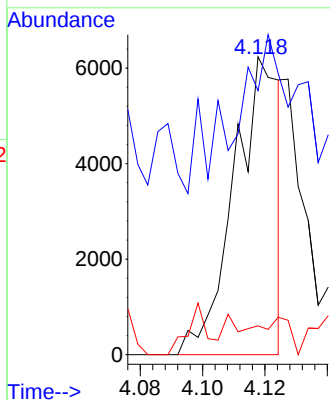
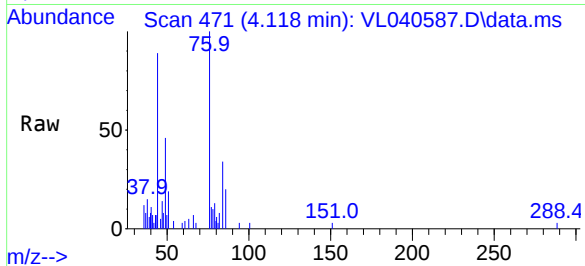




#27
Carbon Disulfide
Concen: 0.046 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

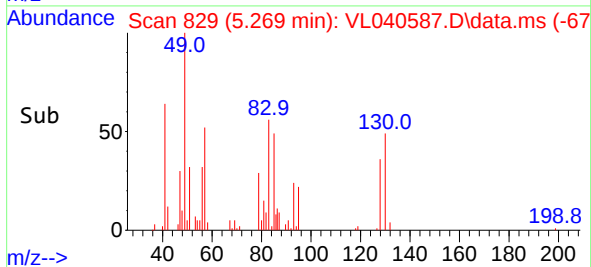
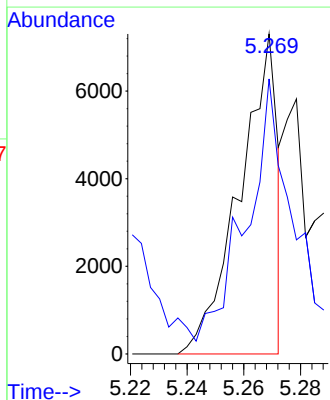
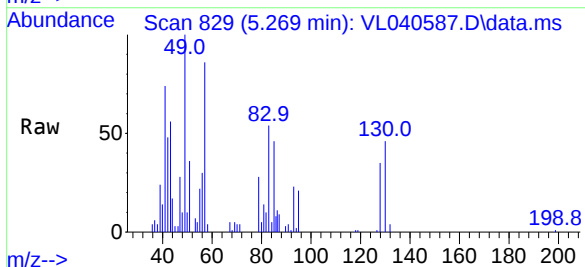
Instrument :
MSVOA_L
ClientSampleId :
IA1A

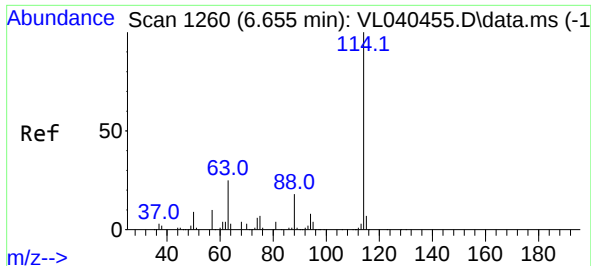
Tgt Ion: 76 Resp: 6241
Ion Ratio Lower Upper
76 100
44 100.1 15.1 22.7#
78 31.3 7.5 11.3#



#29
Chloroform
Concen: 0.035 ppbv
RT: 5.269 min Scan# 829
Delta R.T. -0.016 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 83 Resp: 6760
Ion Ratio Lower Upper
83 100
85 74.7 51.1 76.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

IA1A

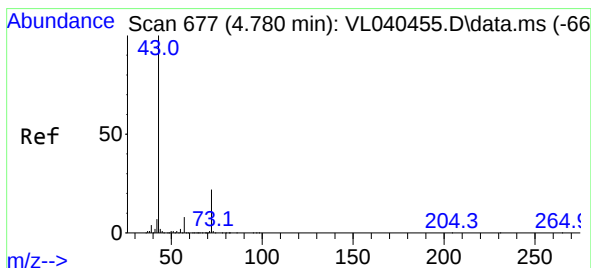
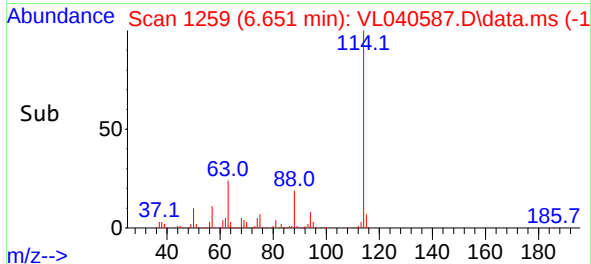
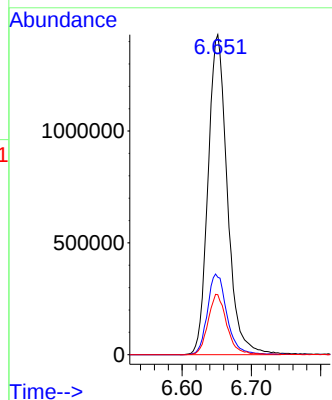
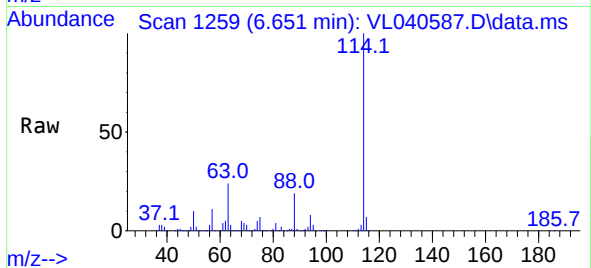
Tgt Ion:114 Resp: 2764713

Ion Ratio Lower Upper

114 100

63 25.7 19.6 29.4

88 18.5 14.2 21.2



#34

2-Butanone

Concen: 0.888 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.000 min

Lab File: VL040587.D

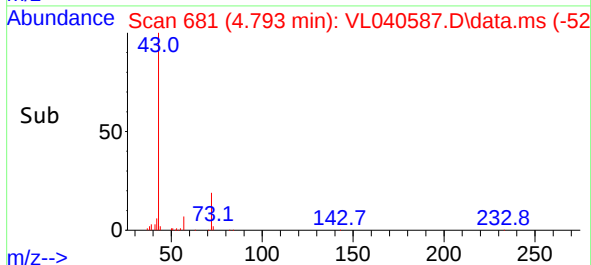
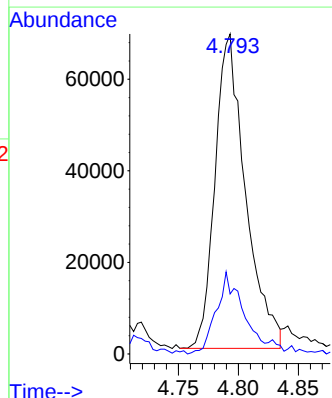
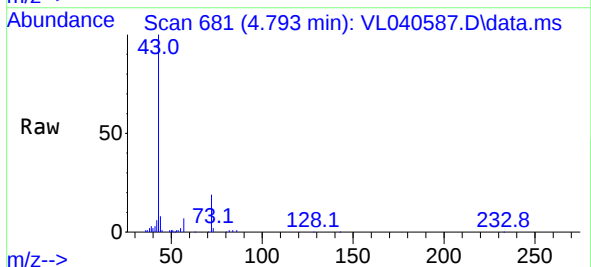
Acq: 4 Aug 2023 10:43

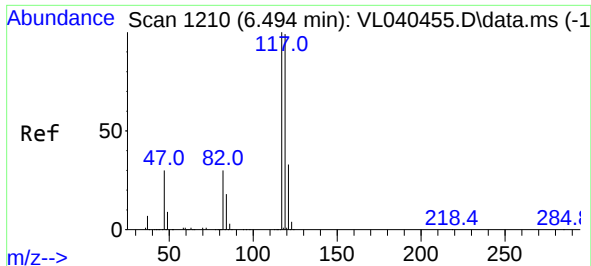
Tgt Ion: 43 Resp: 121347

Ion Ratio Lower Upper

43 100

72 25.6 19.1 28.7

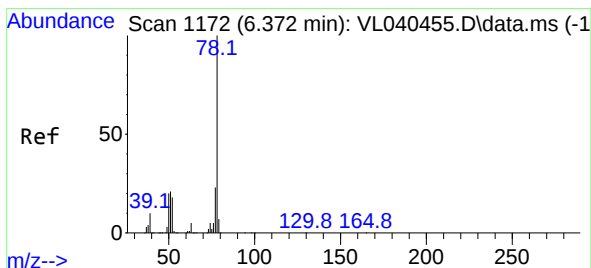
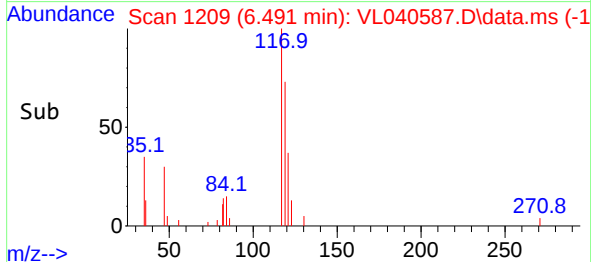
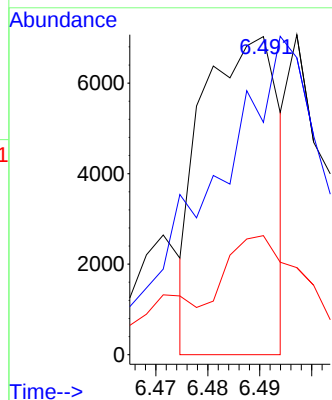
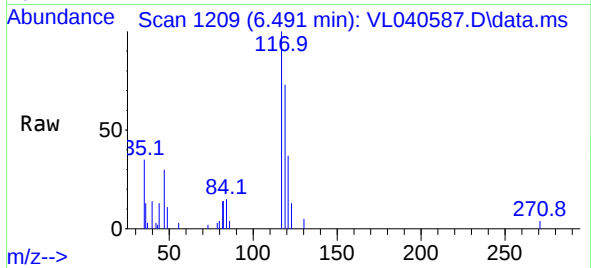




#35
Carbon Tetrachloride
Concen: 0.043 ppbv
RT: 6.491 min Scan# 1169
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

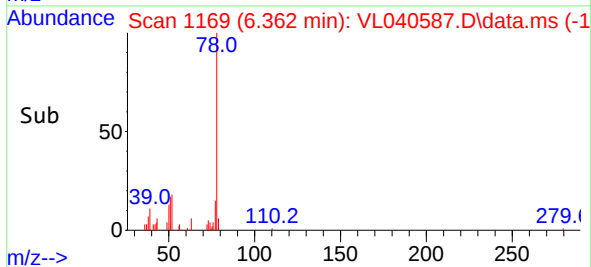
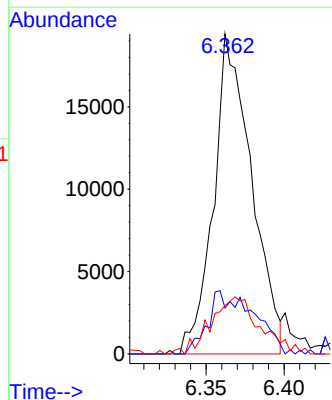
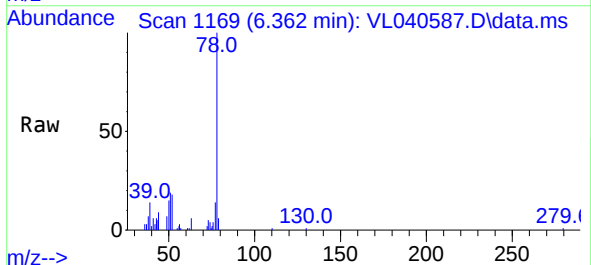
Instrument :
MSVOA_L
ClientSampleId :
IA1A

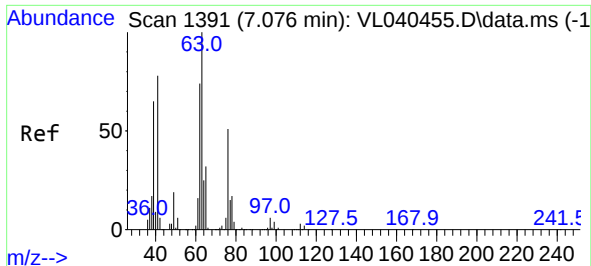
Tgt Ion:117 Resp: 7171
Ion Ratio Lower Upper
117 100
119 32.5 77.8 116.6#
121 27.2 24.8 37.2



#36
Benzene
Concen: 0.148 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 78 Resp: 32903
Ion Ratio Lower Upper
78 100
77 14.4 17.4 26.0#
50 13.4 14.4 21.6#





#39

1,2-Dichloropropane

Concen: 8.194 ppbv

RT: 6.648 min Scan# 1

Delta R.T. -0.434 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

Instrument :

MSVOA_L

ClientSampleId :

IA1A

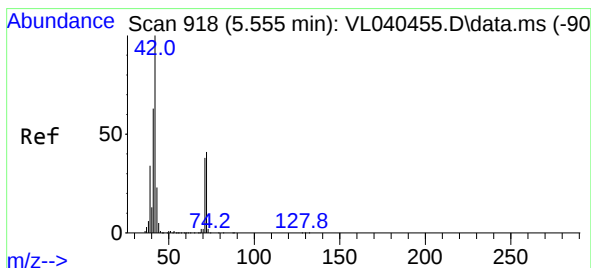
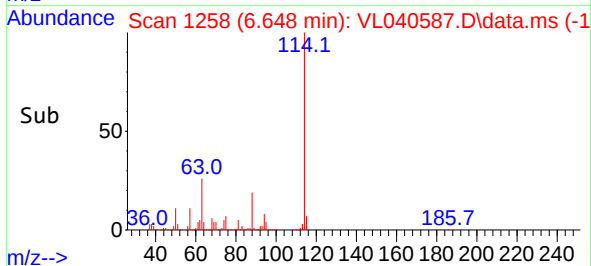
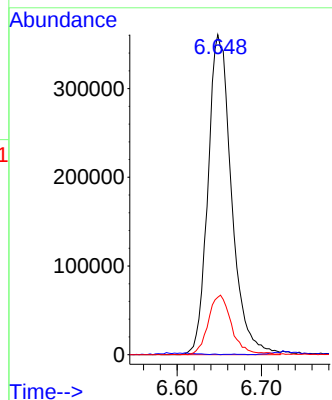
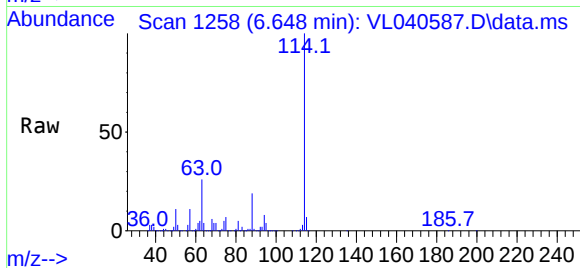
Tgt Ion: 63 Resp: 701729

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 17.9 55.6 83.4#



#41

Tetrahydrofuran

Concen: 5.651 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.357 min

Lab File: VL040587.D

Acq: 4 Aug 2023 10:43

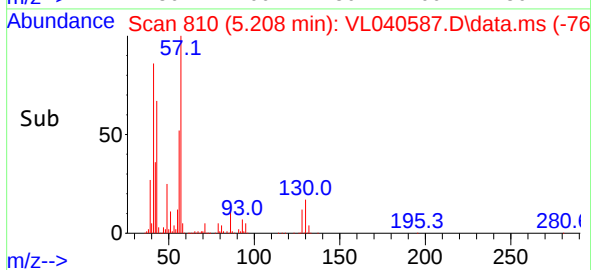
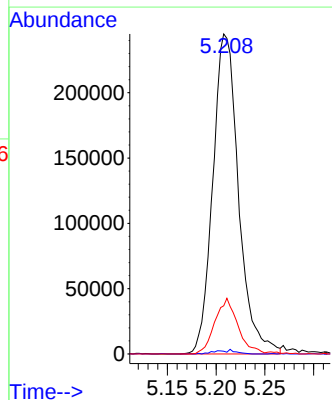
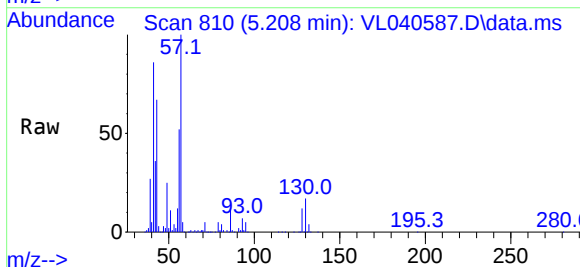
Tgt Ion: 42 Resp: 450490

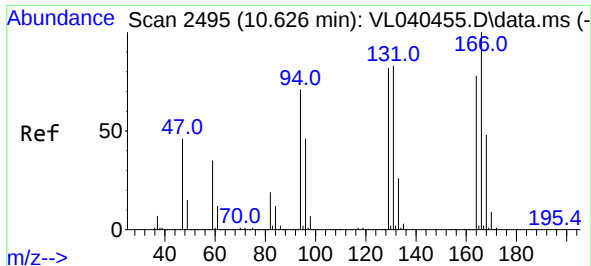
Ion Ratio Lower Upper

42 100

72 1.0 33.8 50.8#

71 15.9 33.0 49.6#

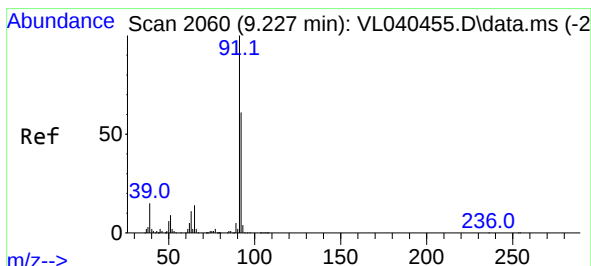
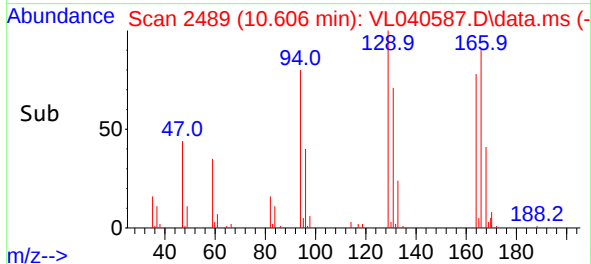
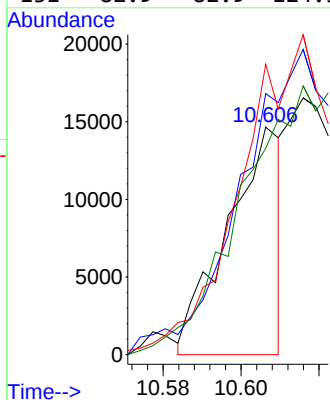
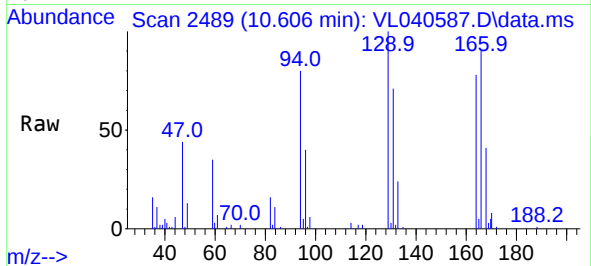




#52
Tetrachloroethene
Concen: 0.193 ppbv
RT: 10.606 min Scan# 2495
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

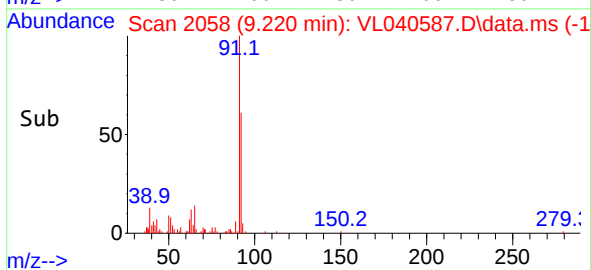
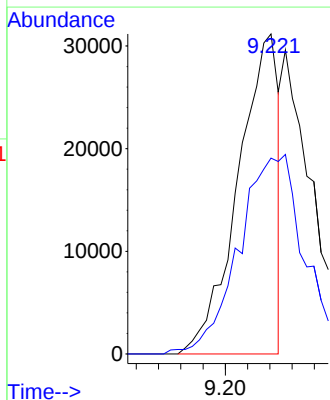
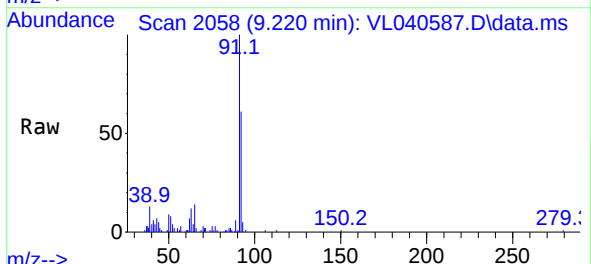
Instrument :
MSVOA_L
ClientSampleId :
IA1A

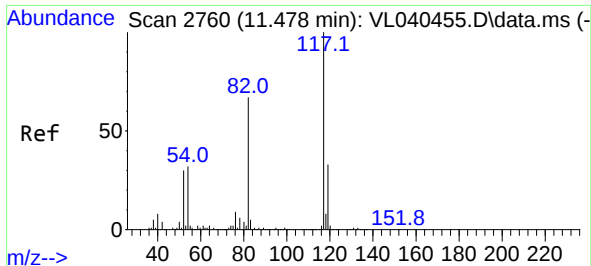
Tgt Ion:164 Resp: 13929
Ion Ratio Lower Upper
164 100
166 111.5 103.9 155.9
129 119.5 84.6 126.8
131 82.9 82.9 124.3



#53
Toluene
Concen: 0.162 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. -0.010 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 91 Resp: 39098
Ion Ratio Lower Upper
91 100
92 0.0 49.1 73.7#



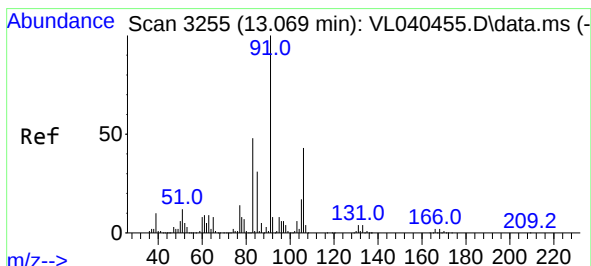
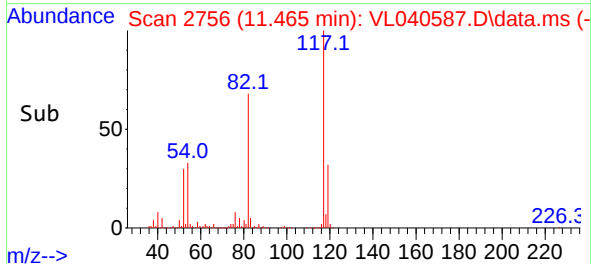
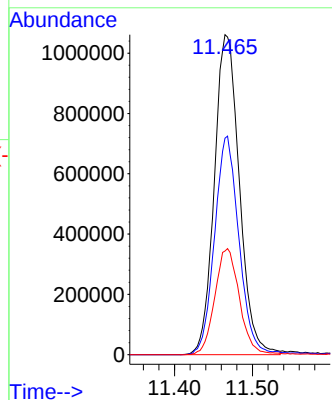
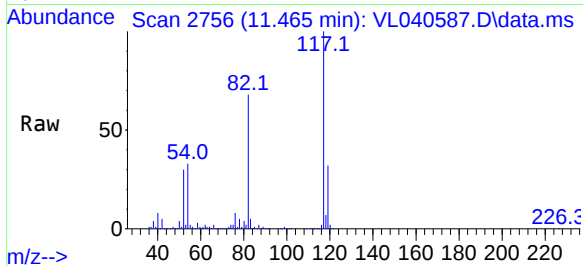


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :
IA1A

Tgt Ion:117 Resp: 2372675

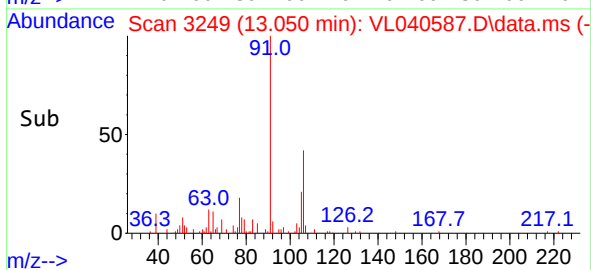
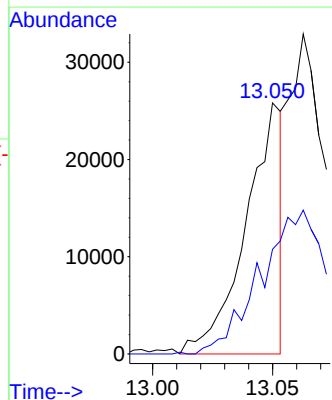
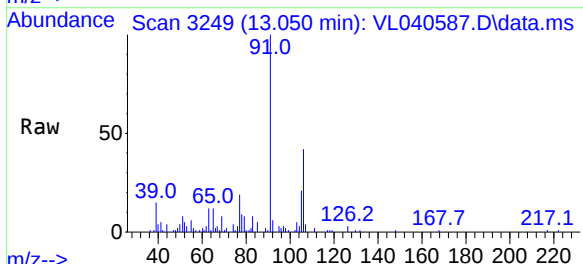
Ion	Ratio	Lower	Upper
117	100		
82	67.1	50.2	75.4
119	32.8	26.9	40.3

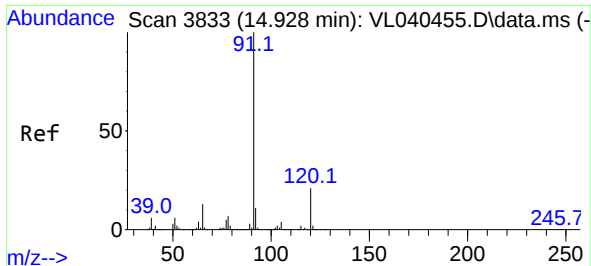


#60
o-Xylene
Concen: 0.107 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 91 Resp: 27141

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	68.0#

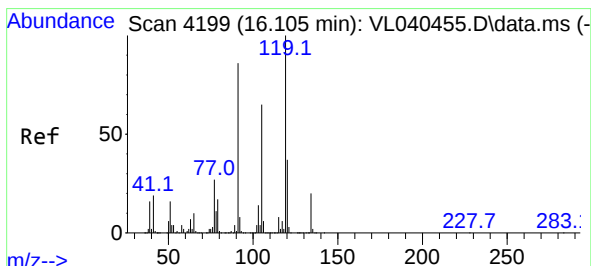
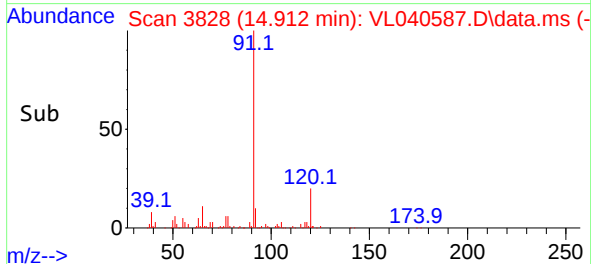
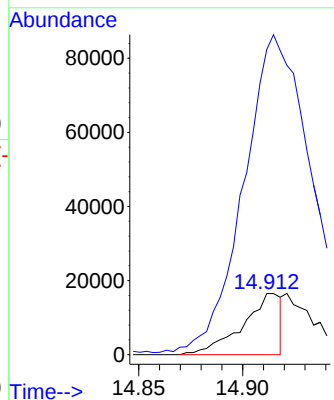
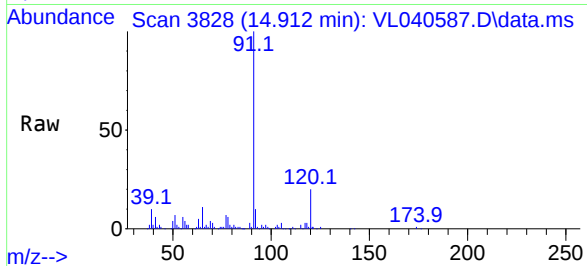




#64
n-propylbenzene
Concen: 0.215 ppbv
RT: 14.912 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

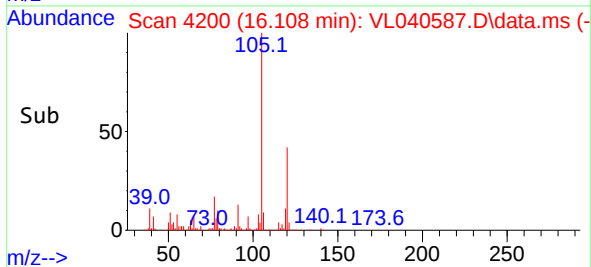
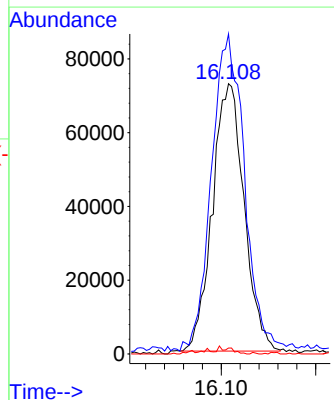
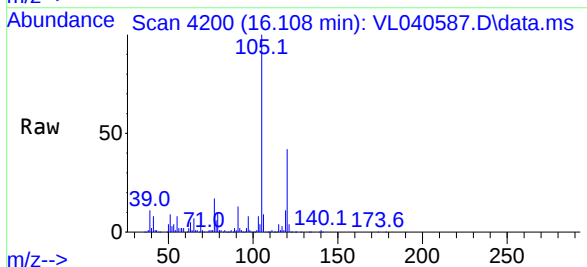
Instrument :
MSVOA_L
ClientSampleId :
IA1A

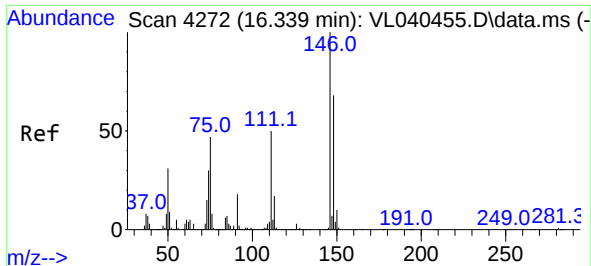
Tgt Ion:120 Resp: 21142
Ion Ratio Lower Upper
120 100
91 929.6 374.3 561.5#



#65
tert-Butylbenzene
Concen: 0.503 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.006 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion:119 Resp: 168845
Ion Ratio Lower Upper
119 100
91 124.1 66.1 99.1#
134 2.0 15.7 23.5#

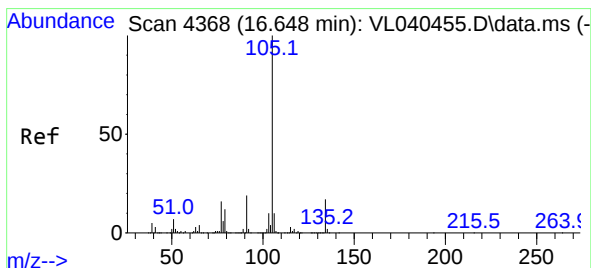
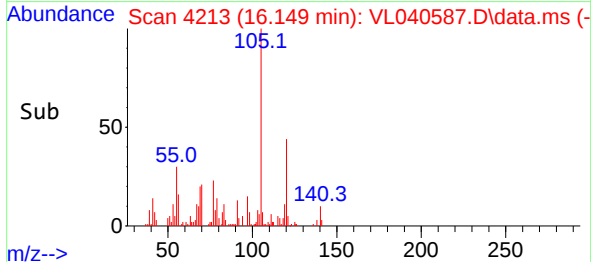
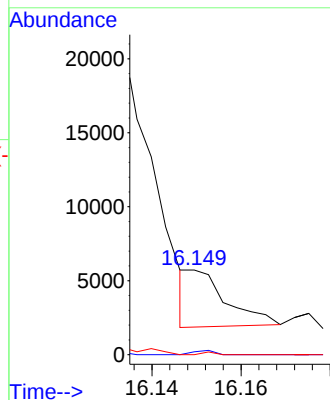
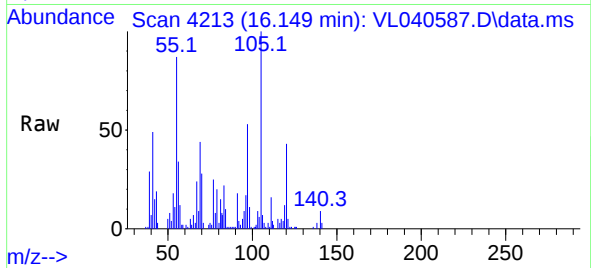




#66
Benzyl Chloride
Concen: 0.097 ppbv
RT: 16.149 min Scan# 41
Delta R.T. -0.187 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

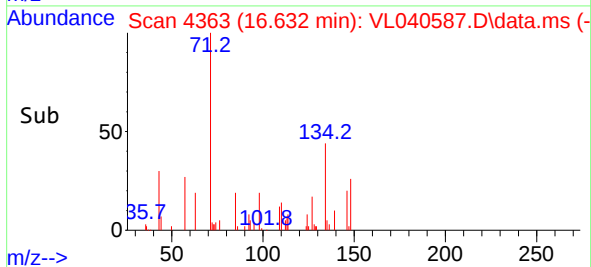
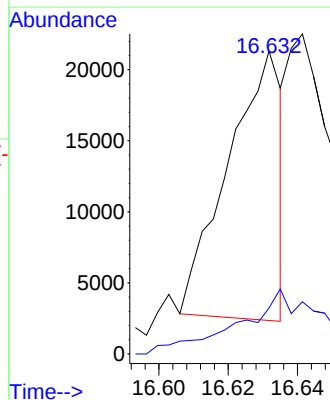
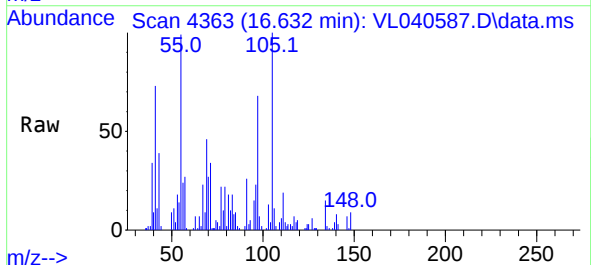
Instrument :
MSVOA_L
ClientSampleId :
IA1A

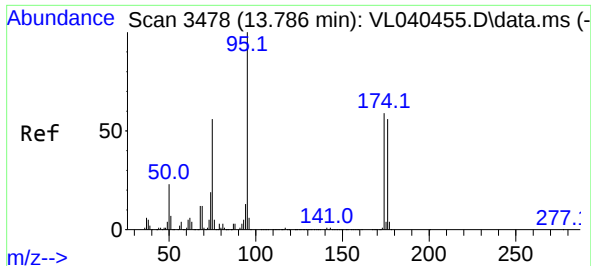
Tgt Ion: 91 Resp: 2294
Ion Ratio Lower Upper
91 100
126 12.0 15.4 23.2#
128 0.0 4.5 6.7#



#67
sec-Butylbenzene
Concen: 0.041 ppbv
RT: 16.632 min Scan# 4363
Delta R.T. -0.016 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 105 Resp: 20196
Ion Ratio Lower Upper
105 100
134 43.8 14.4 21.6#

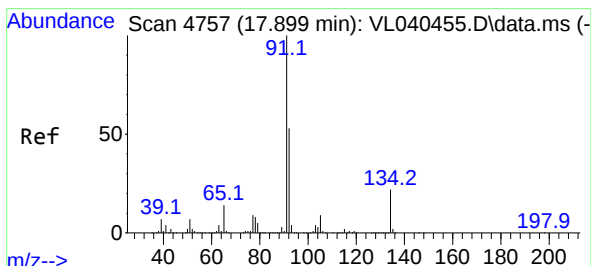
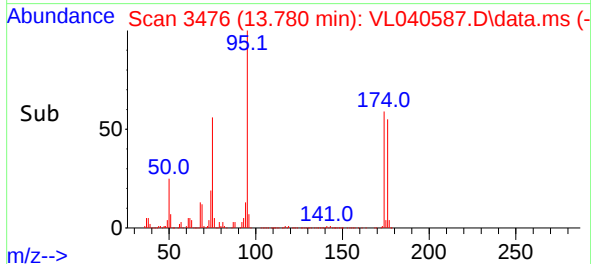
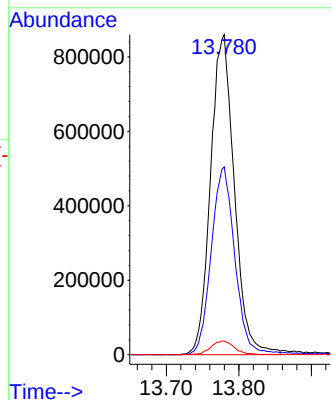
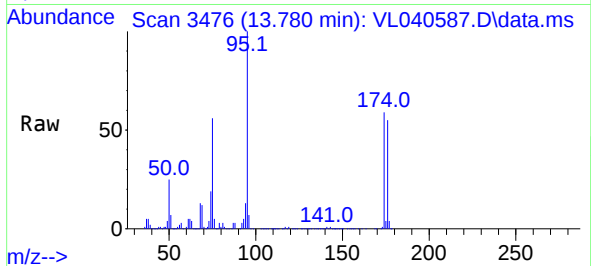




#68
1-Bromo-4-Fluorobenzene
Concen: 10.429 ppbv
RT: 13.780 min Scan# 3478
Delta R.T. -0.003 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

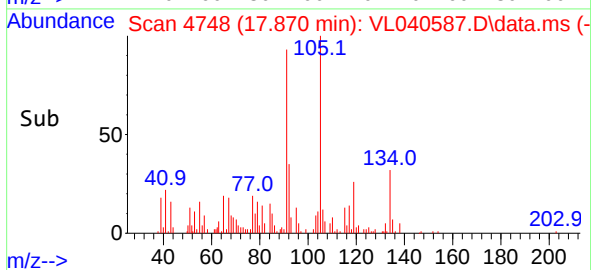
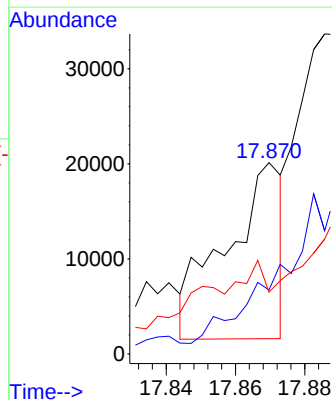
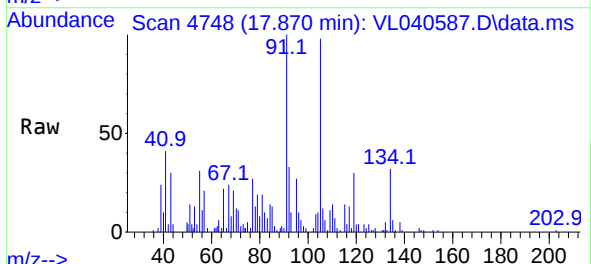
Instrument :
MSVOA_L
ClientSampleId :
IA1A

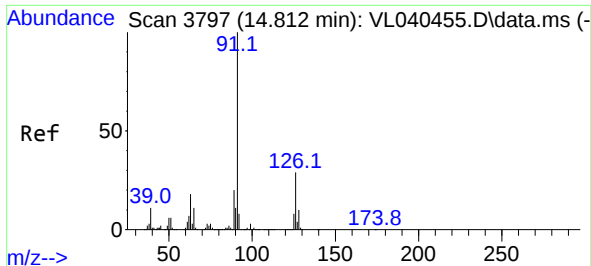
Tgt Ion: 95 Resp: 1958353
Ion Ratio Lower Upper
95 100
174 58.5 50.6 75.8
175 4.3 3.7 5.5



#70
n-Butylbenzene
Concen: 0.046 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion: 91 Resp: 20764
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.0#
134 0.0 18.1 27.1#

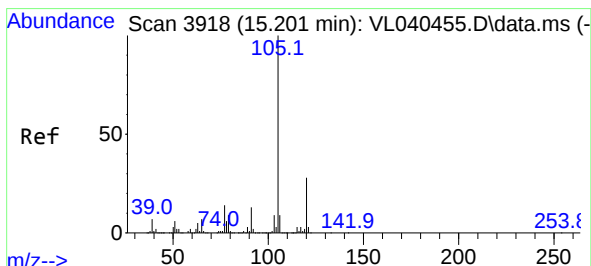
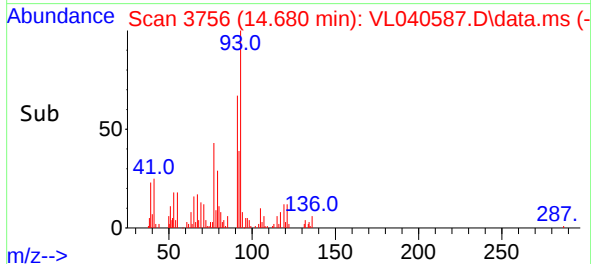
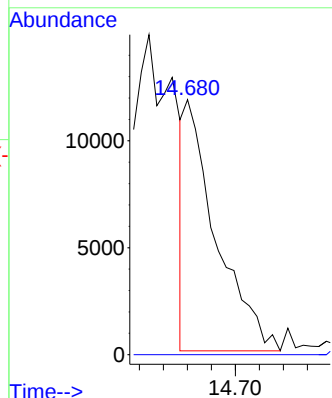
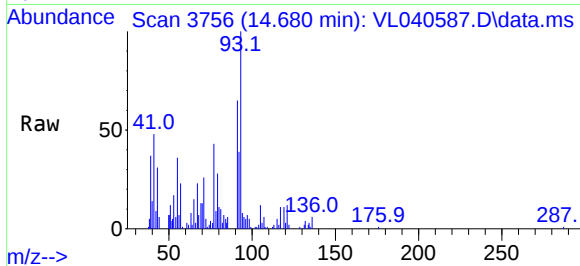




#71
2-Chlorotoluene
Concen: 0.037 ppbv
RT: 14.680 min Scan# 31
Delta R.T. -0.132 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

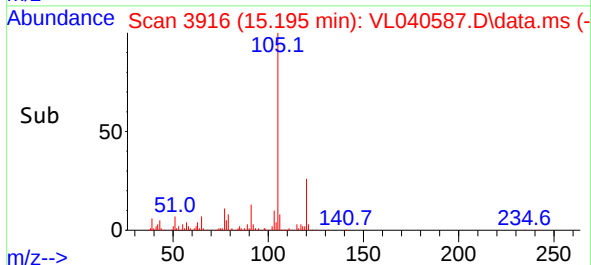
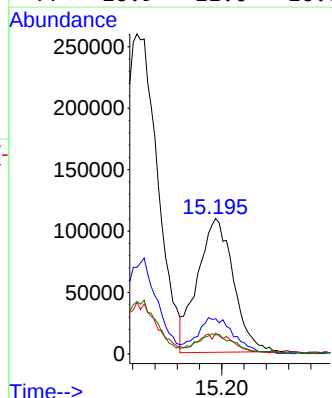
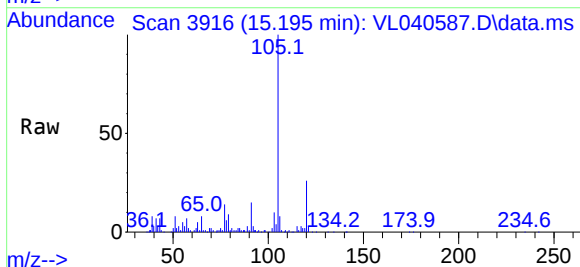
Instrument :
MSVOA_L
ClientSampleId :
IA1A

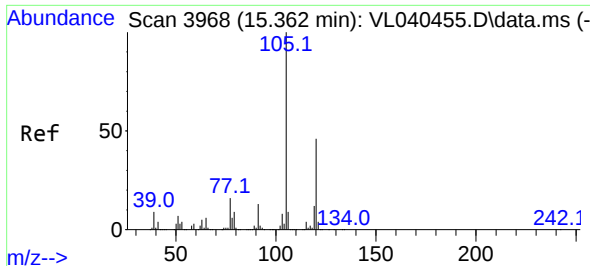
Tgt Ion: 91 Resp: 10775
Ion Ratio Lower Upper
91 100
126 22.3 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.819 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion:105 Resp: 243117
Ion Ratio Lower Upper
105 100
120 28.9 24.6 37.0
91 15.5 10.7 16.1
77 16.9 11.0 16.6#

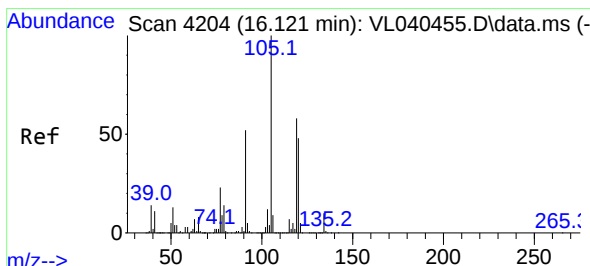
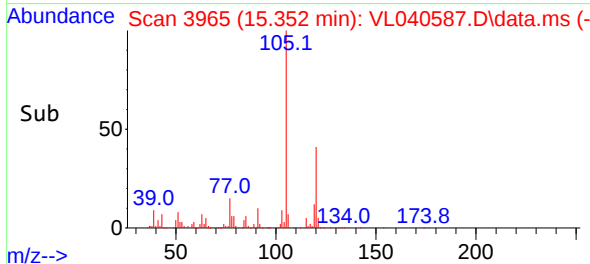
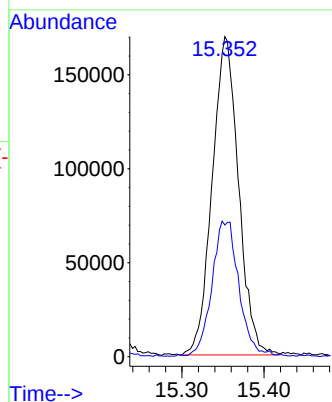
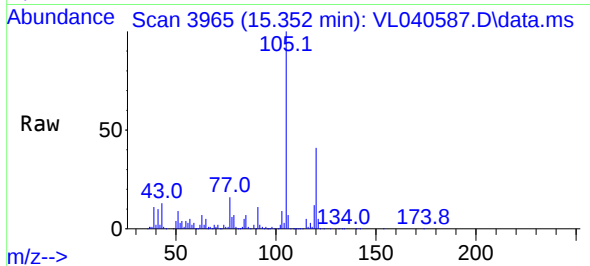




#73
 1,3,5-Trimethylbenzene
 Concen: 1.446 ppbv
 RT: 15.352 min Scan# 3968
 Delta R.T. -0.010 min
 Lab File: VL040587.D
 Acq: 4 Aug 2023 10:43

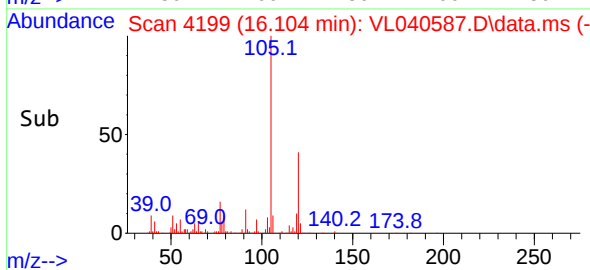
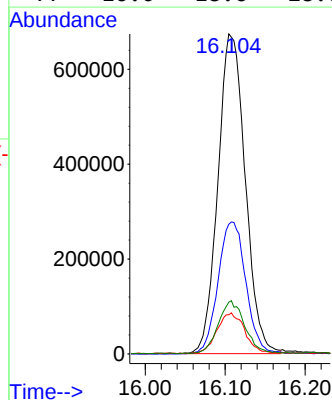
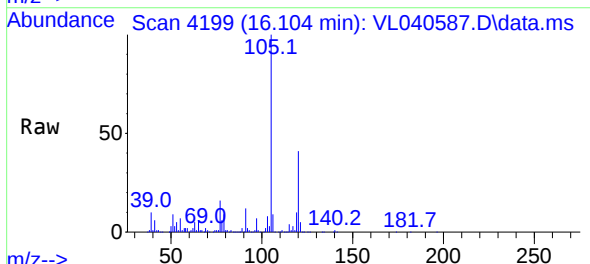
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

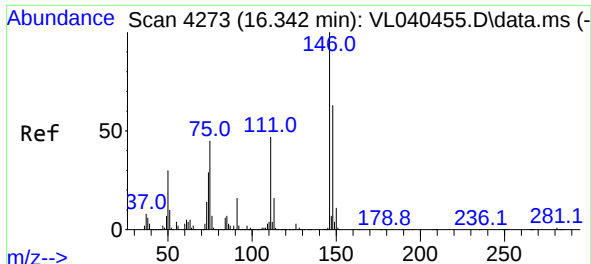
Tgt Ion:105 Resp: 378278
 Ion Ratio Lower Upper
 105 100
 120 40.8 38.2 57.2



#74
 1,2,4-Trimethylbenzene
 Concen: 5.239 ppbv
 RT: 16.104 min Scan# 4199
 Delta R.T. -0.013 min
 Lab File: VL040587.D
 Acq: 4 Aug 2023 10:43

Tgt Ion:105 Resp: 1597920
 Ion Ratio Lower Upper
 105 100
 120 40.5 40.3 60.5
 91 12.0 46.8 70.2#
 77 16.0 18.6 28.0#

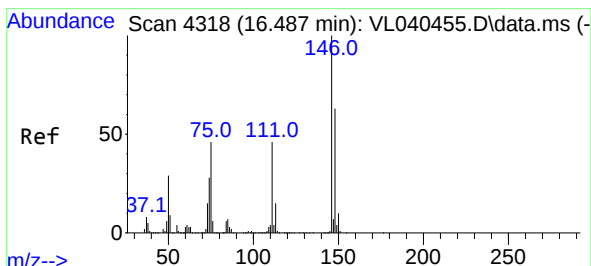
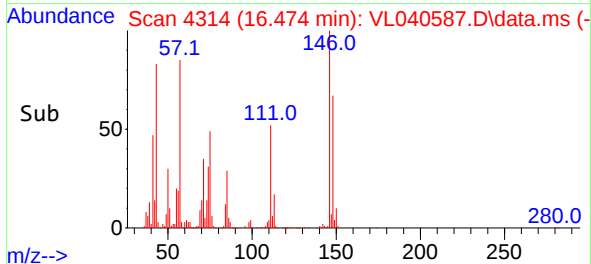
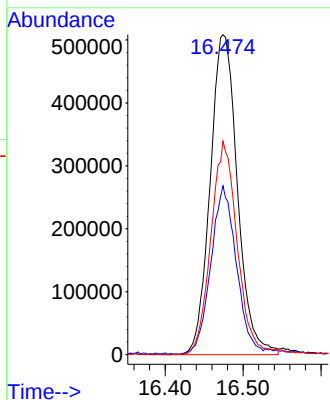
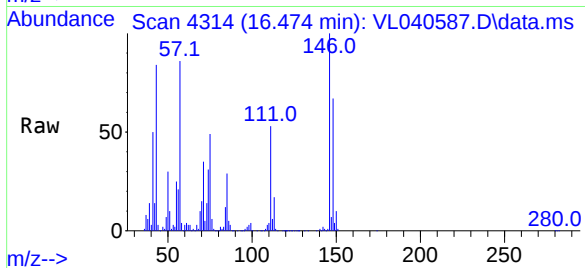




#75
1,3-Dichlorobenzene
Concen: 6.702 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.132 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

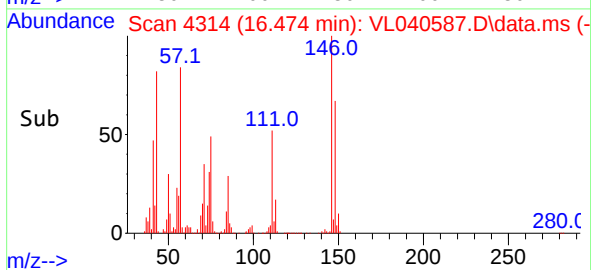
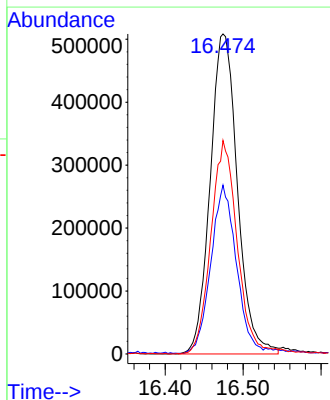
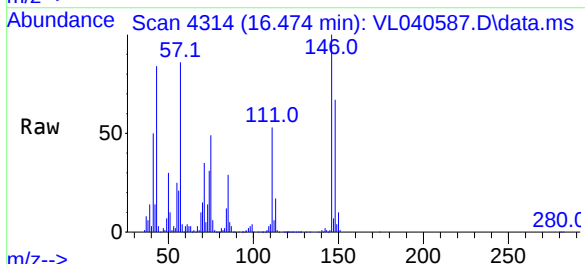
Instrument :
MSVOA_L
ClientSampleId :
IA1A

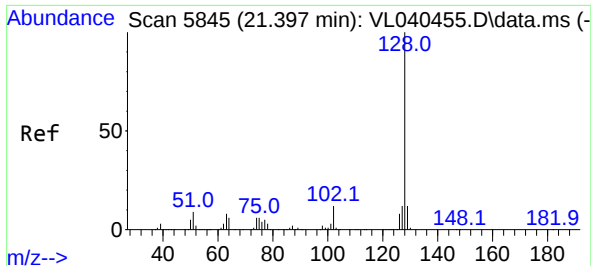
Tgt Ion:146 Resp: 1239232
Ion Ratio Lower Upper
146 100
111 50.5 23.6 71.0
148 65.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 6.835 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion:146 Resp: 1239232
Ion Ratio Lower Upper
146 100
111 50.5 22.8 68.3
148 65.4 32.6 97.8



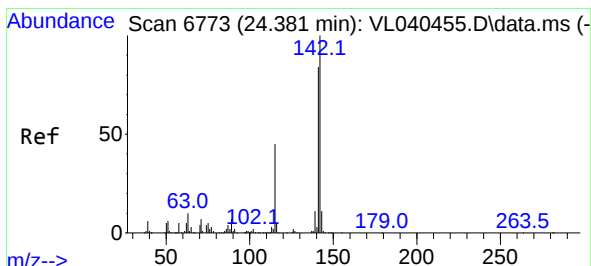
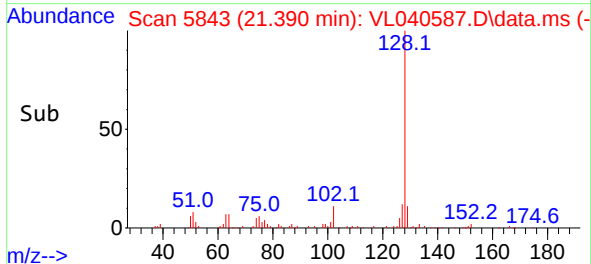
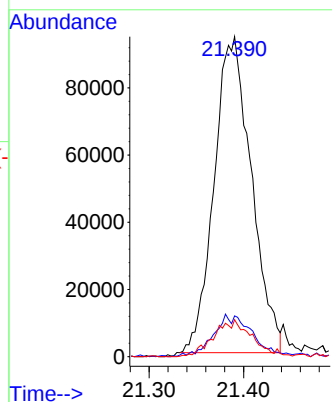
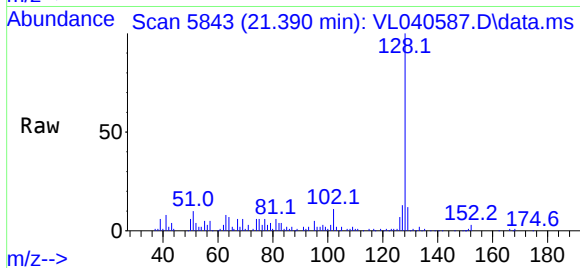


#79
Naphthalene
Concen: 0.998 ppbv
RT: 21.390 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Instrument :
MSVOA_L
ClientSampleId :
IA1A

Tgt Ion:128 Resp: 257546

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.7	16.1
129	11.5	9.2	13.8



#80
Naphthalene,2-methyl-
Concen: 0.151 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040587.D
Acq: 4 Aug 2023 10:43

Tgt Ion:142 Resp: 16115

Ion	Ratio	Lower	Upper
142	100		
141	81.7	66.7	100.1
115	56.7	33.0	49.6

