

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040533.D
 Acq On : 14 Jul 2023 18:57
 Operator : SY/MD
 Sample : 03636-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Quant Time: Jul 16 23:32:42 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)

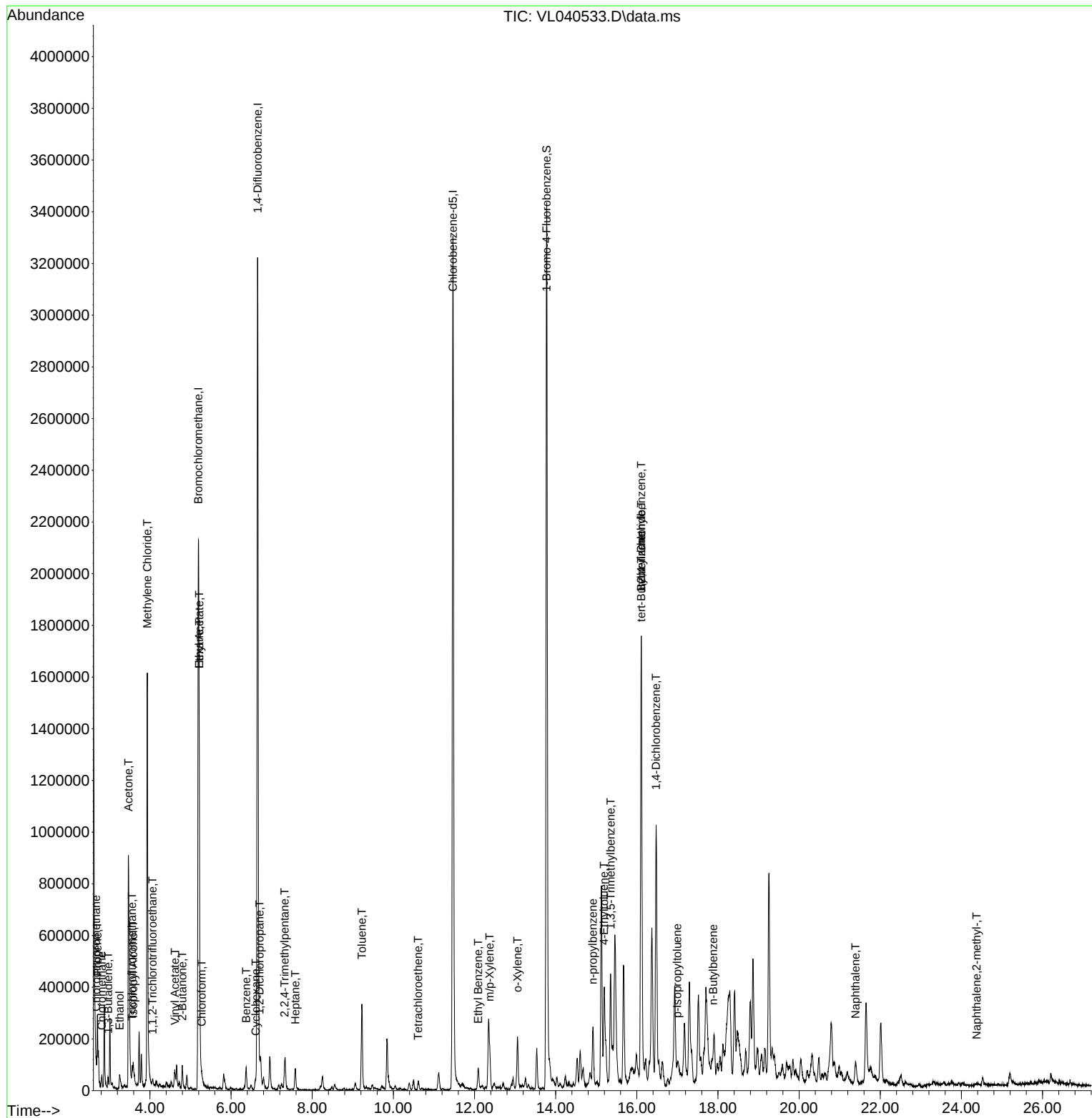
Internal Standards						
1) Bromochloromethane	5.192	49	960105	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2526246	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2208928	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1682533	9.624	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.674	51	91326	0.600	ppbv #	81
4) Chloromethane	2.816	50	39376	0.653	ppbv	99
9) Propene	2.703	41	63902	1.227	ppbv	84
10) Heptane	7.584	43	29729	0.258	ppbv	90
11) Trichlorofluoromethane	3.561	101	37032	0.239	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.063	101	4452	0.041	ppbv #	29
13) Ethanol	3.253	45	55358	4.884	ppbv	73
15) Acetone	3.471	43	1063531	9.623	ppbv	100
16) 1,3-Butadiene	2.970	39	10262	0.184	ppbv #	8
19) Isopropyl Alcohol	3.590	45	87713	1.383	ppbv #	96
20) Methylene Chloride	3.934	84	537071	11.425	ppbv	94
23) Vinyl Acetate	4.613	43	41256	0.392	ppbv #	37
25) Ethyl Acetate	5.214	43	289770	1.377	ppbv #	79
26) Hexane	5.214	57	408102	4.175	ppbv #	43
29) Chloroform	5.275	83	8942	0.055	ppbv	92
30) Cyclohexane	6.606	84	7397	0.091	ppbv #	38
34) 2-Butanone	4.799	43	98330	0.788	ppbv	96
36) Benzene	6.372	78	70898	0.349	ppbv	96
39) 1,2-Dichloropropane	6.703	63	6869	0.088	ppbv #	26
44) 2,2,4-Trimethylpentane	7.320	57	38818	0.119	ppbv #	1
52) Tetrachloroethene	10.606	164	4163	0.063	ppbv #	74
53) Toluene	9.224	91	242134	1.097	ppbv	97
58) Ethyl Benzene	12.092	91	68750	0.248	ppbv	95
59) m/p-Xylene	12.375	91	78554	0.317	ppbv #	31
60) o-Xylene	13.060	91	152131	0.645	ppbv	96
64) n-propylbenzene	14.918	120	45732	0.500	ppbv	88
65) tert-Butylbenzene	16.104	119	72291	0.231	ppbv #	18
66) Benzyl Chloride	16.111	91	156796	7.087	ppbv #	63
69) p-Isopropyltoluene	16.995	119	12256	0.032	ppbv #	47
70) n-Butylbenzene	17.882	91	23185	0.055	ppbv #	33
72) 4-Ethyltoluene	15.194	105	315112	1.141	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	301980	1.240	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	1339686	4.718	ppbv #	65
76) 1,4-Dichlorobenzene	16.474	146	9543	0.057	ppbv #	1
79) Naphthalene	21.394	128	35548	0.148	ppbv	97
80) Naphthalene,2-methyl-	24.377	142	4479	0.045	ppbv	95

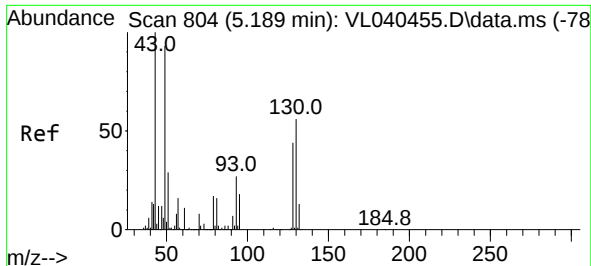
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
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OA1

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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
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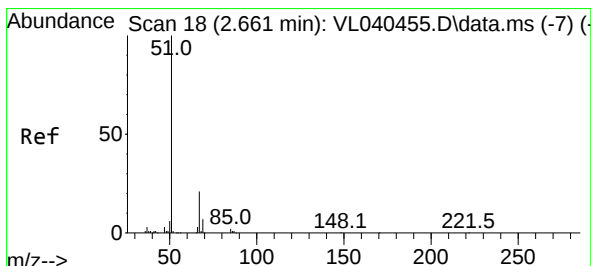
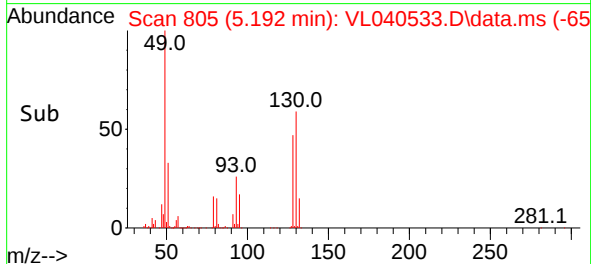
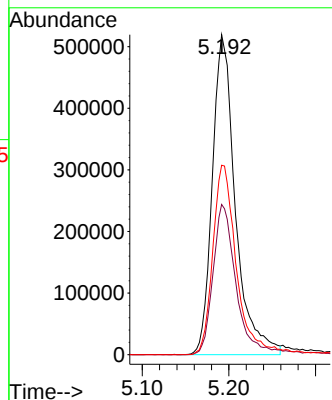
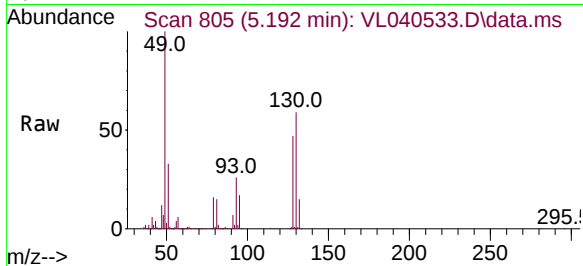




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

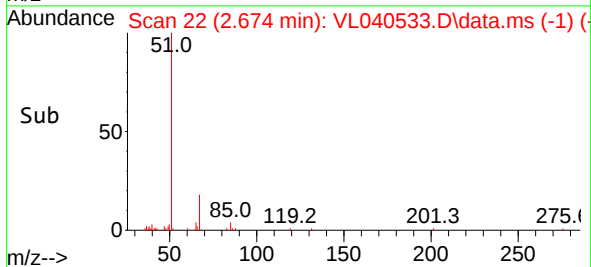
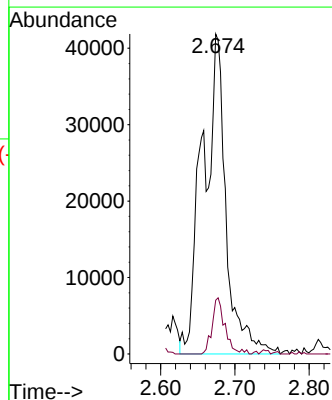
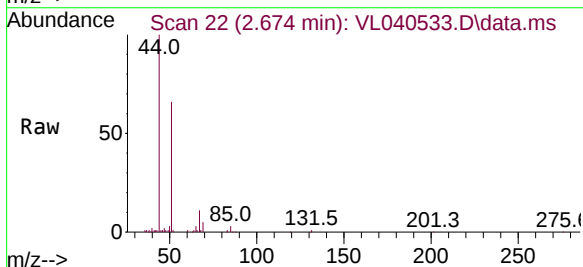
Instrument :
MSVOA_L
ClientSampleId :
OA1

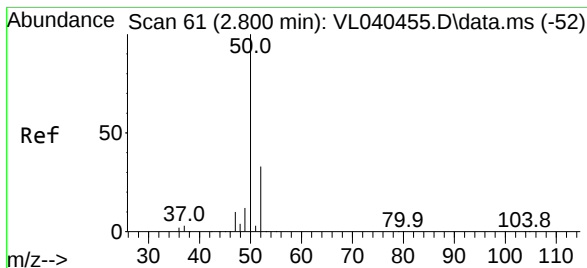
Tgt Ion: 49 Resp: 960105
Ion Ratio Lower Upper
49 100
128 48.1 25.1 75.4
130 61.9 31.6 94.7



#3
Chlorodifluoromethane
Concen: 0.600 ppbv
RT: 2.674 min Scan# 22
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 51 Resp: 91326
Ion Ratio Lower Upper
51 100
67 9.6 14.6 21.8

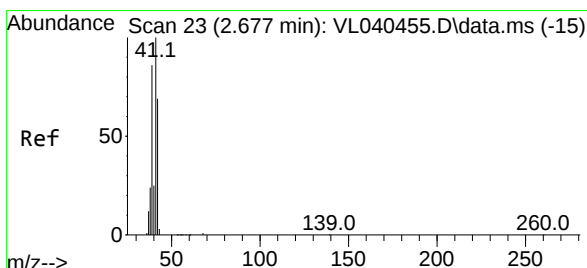
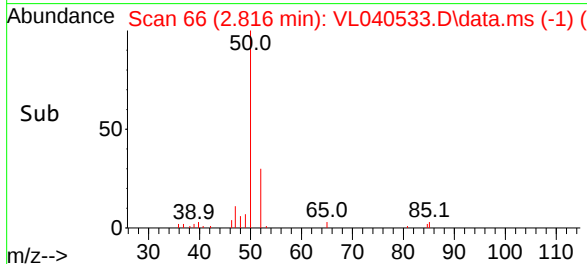
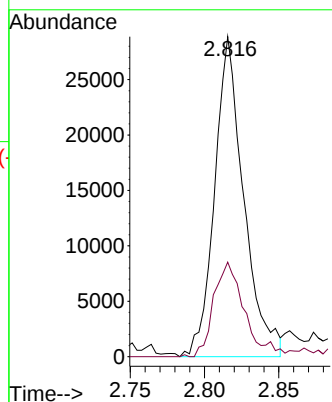
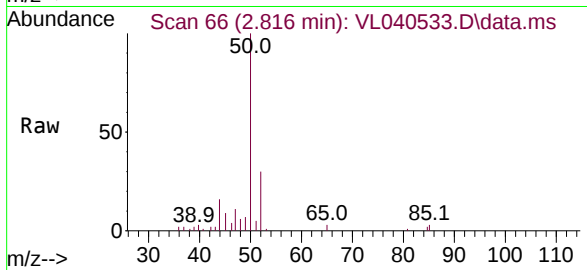




#4
Chloromethane
Concen: 0.653 ppbv
RT: 2.816 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

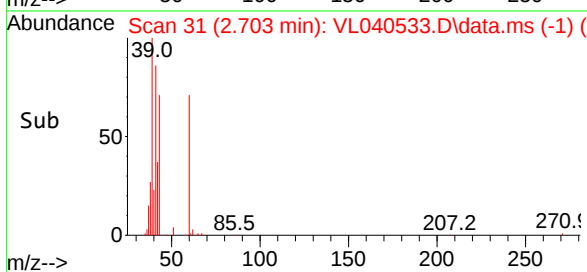
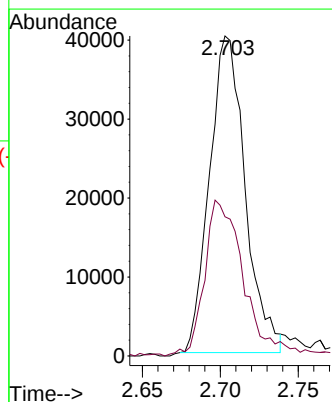
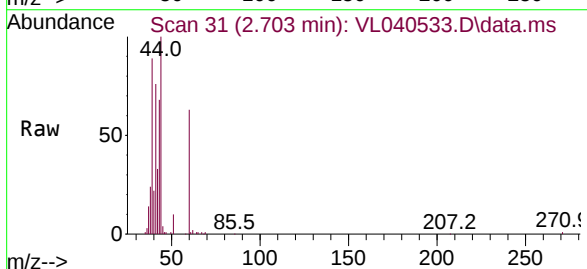
Instrument :
MSVOA_L
ClientSampleId :
OA1

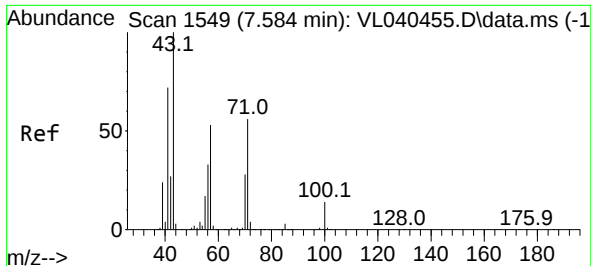
Tgt Ion: 50 Resp: 39376
Ion Ratio Lower Upper
50 100
52 30.2 24.4 36.6



#9
Propene
Concen: 1.227 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 41 Resp: 63902
Ion Ratio Lower Upper
41 100
42 55.5 55.0 82.6

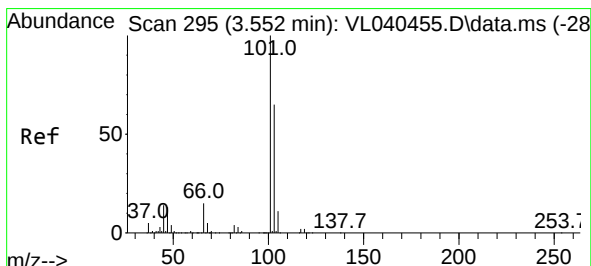
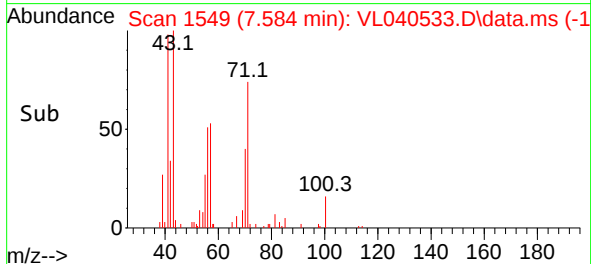
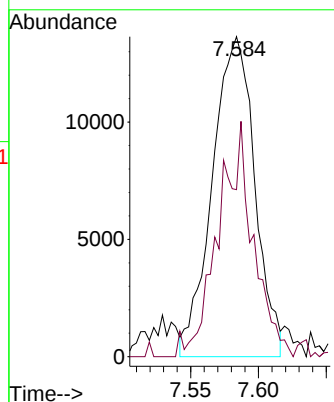
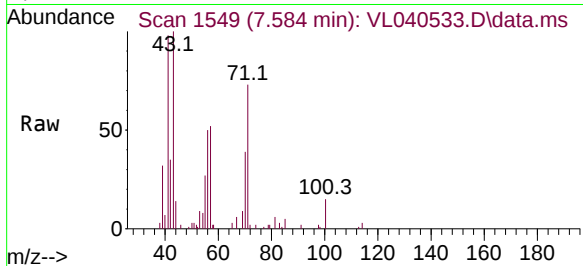




#10
Heptane
Concen: 0.258 ppbv
RT: 7.584 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

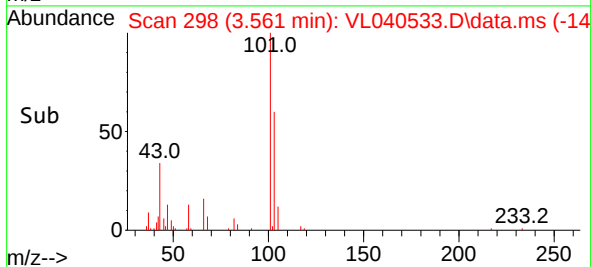
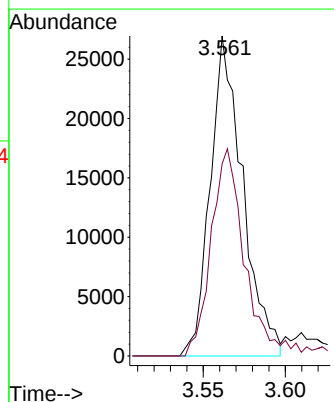
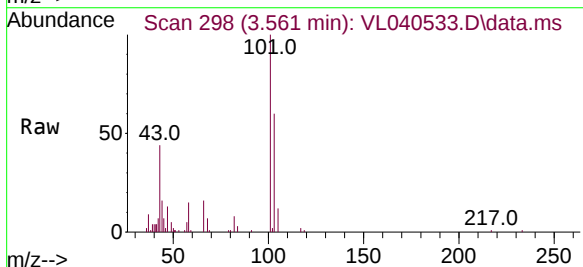
Instrument :
MSVOA_L
ClientSampleId :
OA1

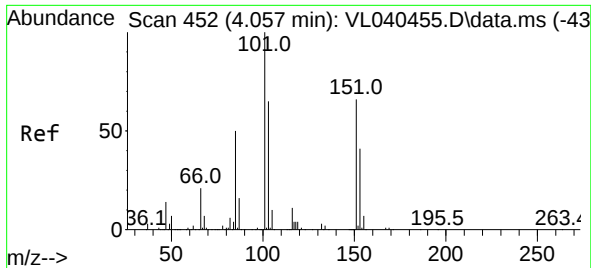
Tgt Ion: 43 Resp: 29729
Ion Ratio Lower Upper
43 100
57 60.2 42.5 63.7



#11
Trichlorofluoromethane
Concen: 0.239 ppbv
RT: 3.561 min Scan# 298
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 101 Resp: 37032
Ion Ratio Lower Upper
101 100
103 60.0 53.4 80.0

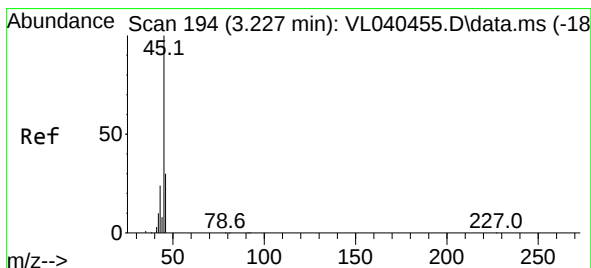
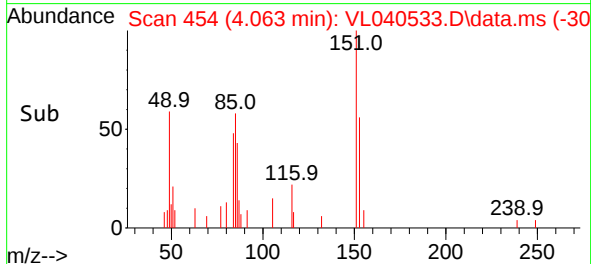
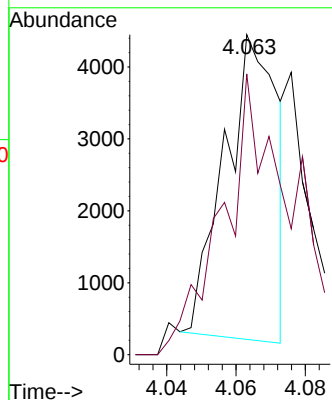
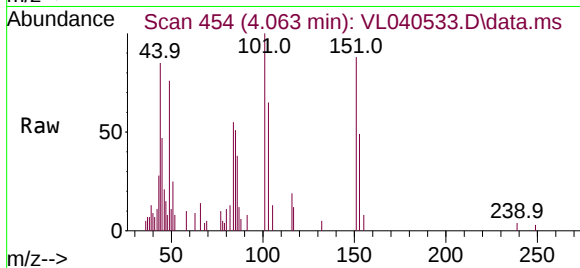




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.041 ppbv
RT: 4.063 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

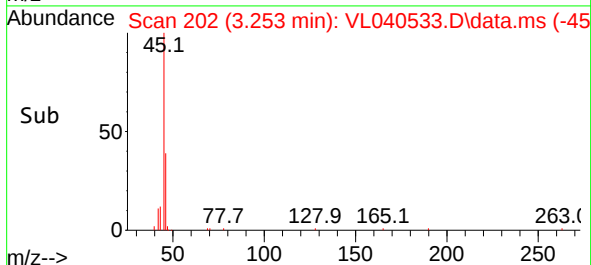
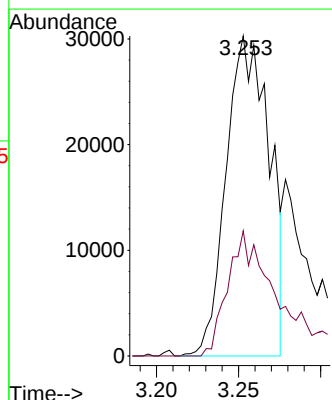
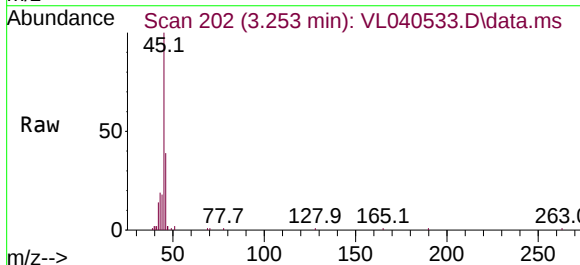
Instrument :
MSVOA_L
ClientSampleId :
OA1

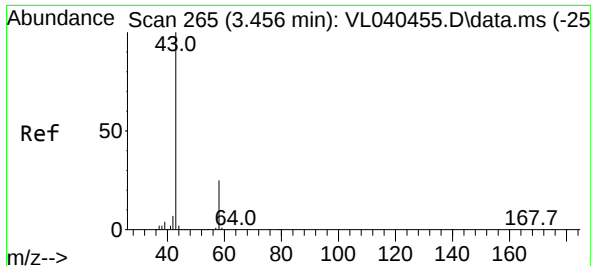
Tgt Ion:101 Resp: 4452
Ion Ratio Lower Upper
101 100
151 132.6 58.2 87.4#



#13
Ethanol
Concen: 4.884 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.006 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 45 Resp: 55358
Ion Ratio Lower Upper
45 100
46 54.7 15.3 61.1





#15

Acetone

Concen: 9.623 ppbv

RT: 3.471 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

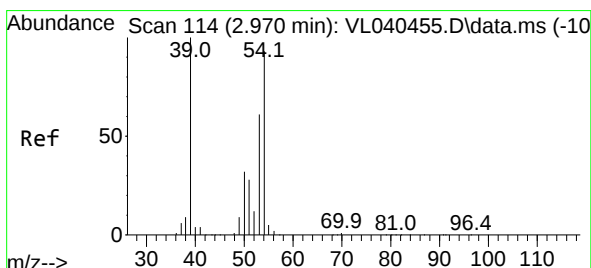
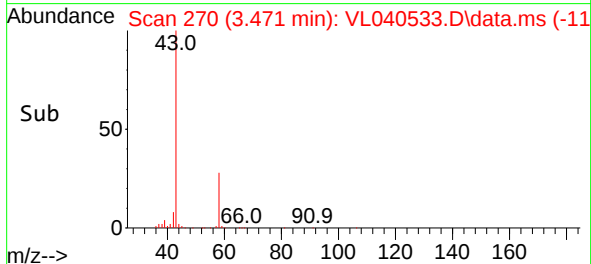
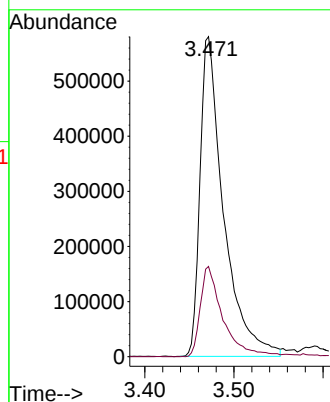
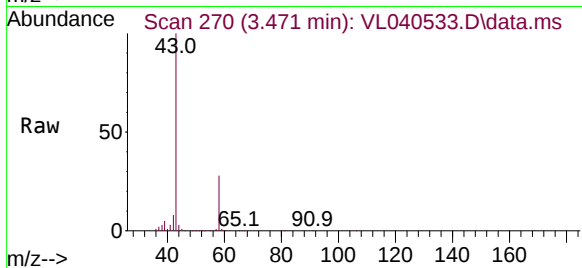
OA1

Tgt Ion: 43 Resp: 1063531

Ion Ratio Lower Upper

43 100

58 28.4 22.9 34.3



#16

1,3-Butadiene

Concen: 0.184 ppbv

RT: 2.970 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040533.D

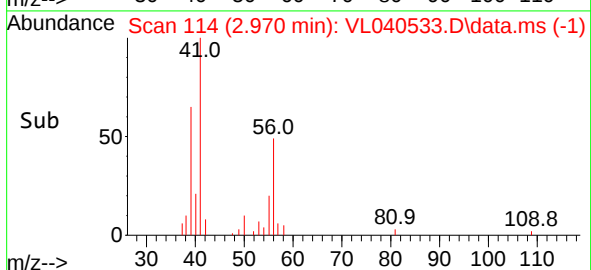
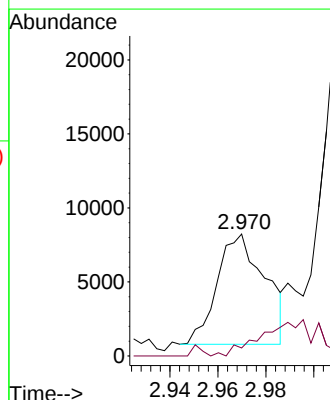
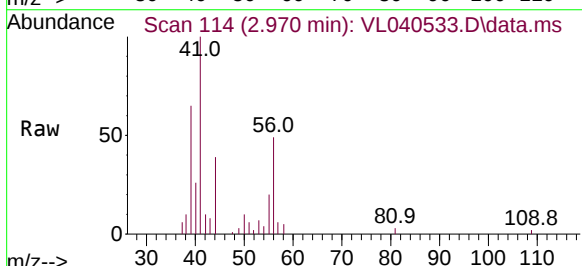
Acq: 14 Jul 2023 18:57

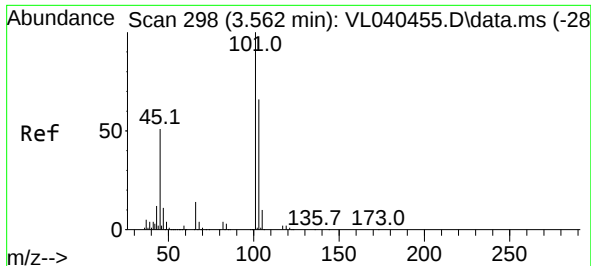
Tgt Ion: 39 Resp: 10262

Ion Ratio Lower Upper

39 100

54 0.0 66.6 100.0#





#19

Isopropyl Alcohol

Concen: 1.383 ppbv

RT: 3.590 min Scan# 307

Delta R.T. 0.009 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_1

ClientSampleId :

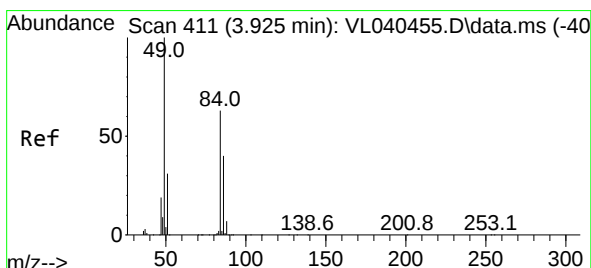
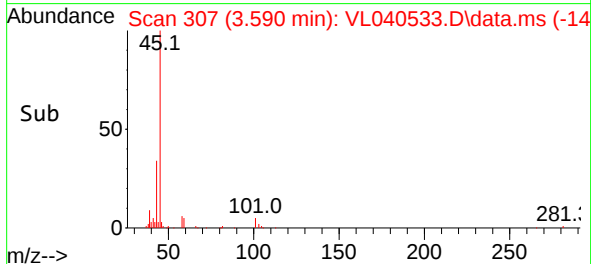
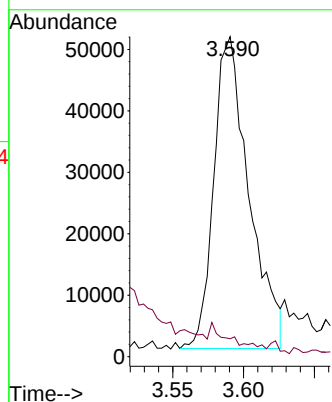
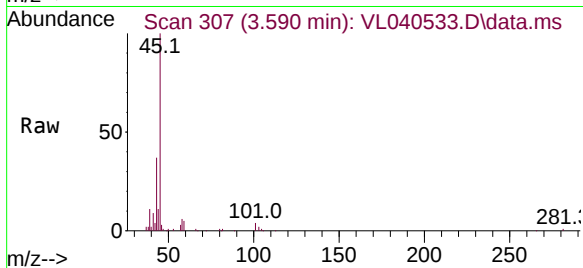
OA1

Tgt Ion: 45 Resp: 87713

Ion Ratio Lower Upper

45 100

58 0.0 1.1 1.7#



#20

Methylene Chloride

Concen: 11.425 ppbv

RT: 3.934 min Scan# 414

Delta R.T. -0.007 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Tgt Ion: 84 Resp: 537071

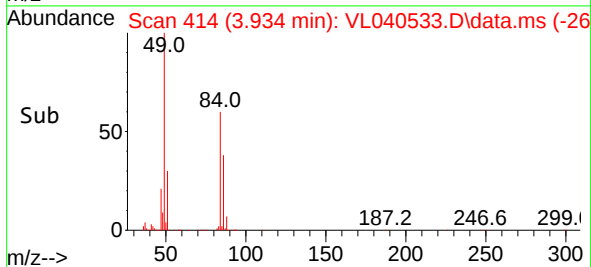
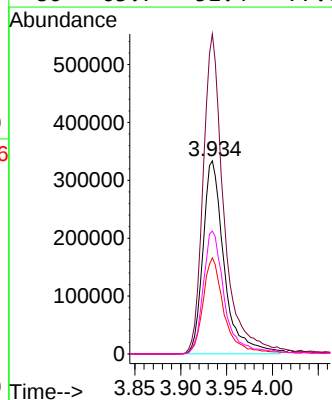
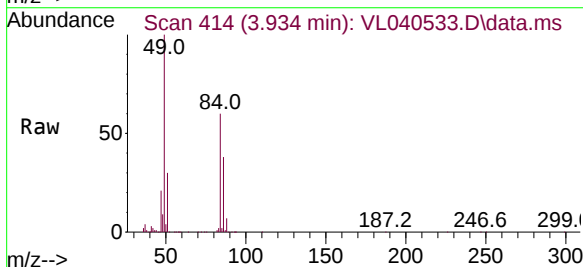
Ion Ratio Lower Upper

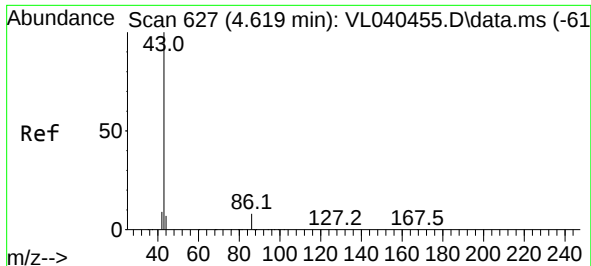
84 100

49 165.8 123.4 185.2

51 49.7 38.3 57.5

86 63.7 51.4 77.0

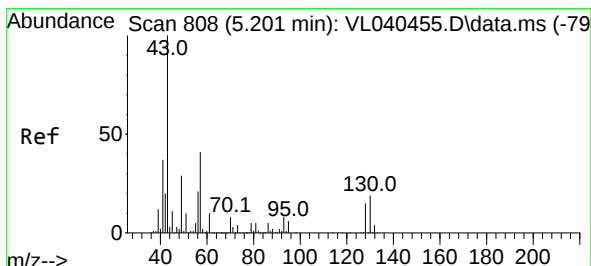
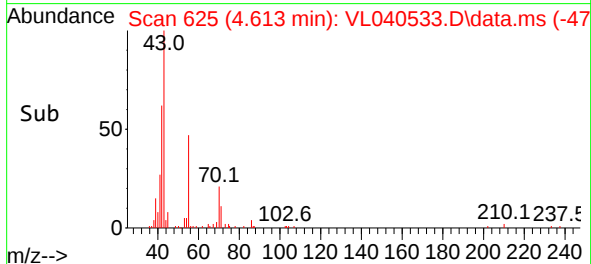
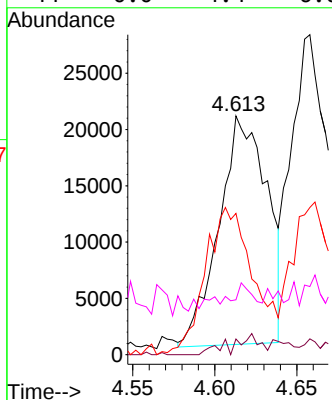
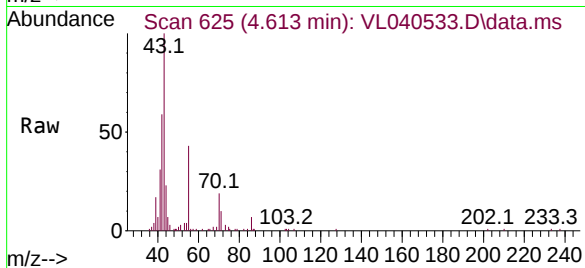




#23
 Vinyl Acetate
 Concen: 0.392 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: VL040533.D
 Acq: 14 Jul 2023 18:57

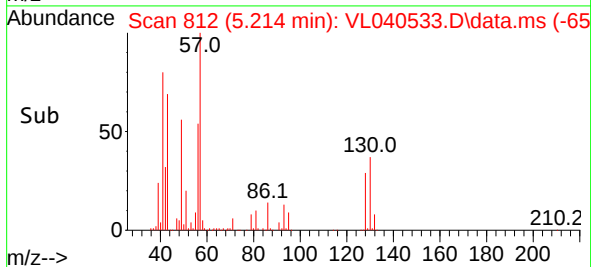
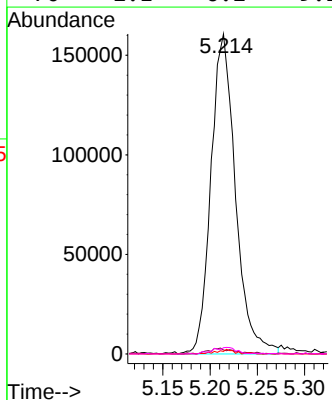
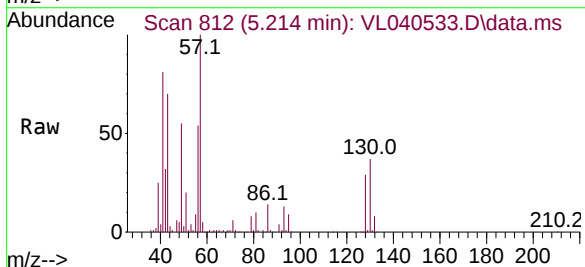
Instrument :
 MSVOA_1
 ClientSampleId :
 OA1

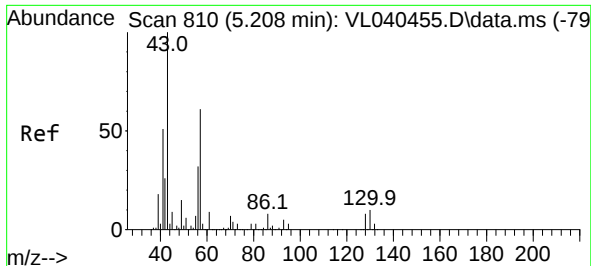
Tgt Ion:	43	Resp:	41256
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.6	8.4
42	59.1	7.4	11.2#
44	0.0	4.4	6.6#



#25
 Ethyl Acetate
 Concen: 1.377 ppbv
 RT: 5.214 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VL040533.D
 Acq: 14 Jul 2023 18:57

Tgt Ion:	43	Resp:	289770
Ion	Ratio	Lower	Upper
43	100		
45	2.1	8.2	12.4#
61	1.1	8.3	12.5#
70	2.1	6.2	9.2#

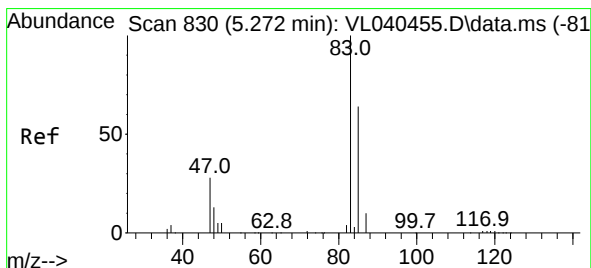
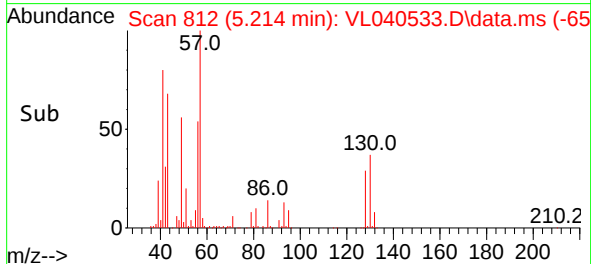
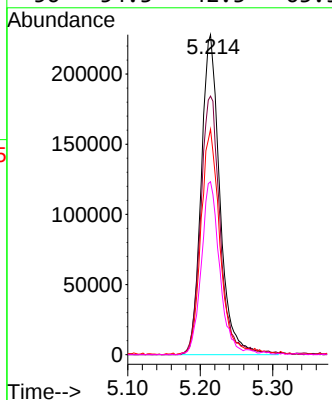
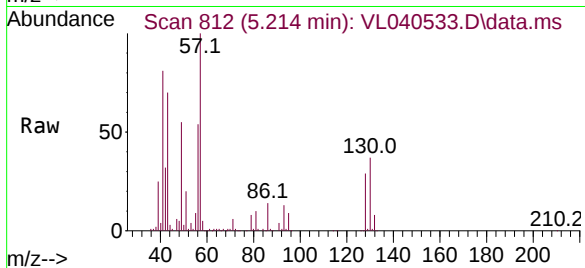




#26
Hexane
Concen: 4.175 ppbv
RT: 5.214 min Scan# 810
Delta R.T. -0.007 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

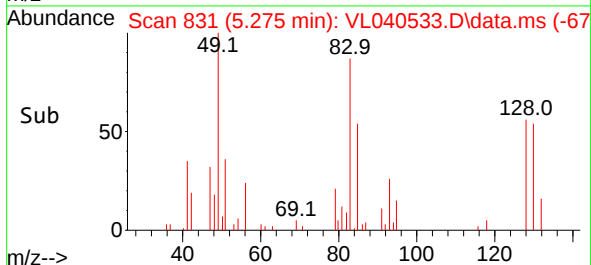
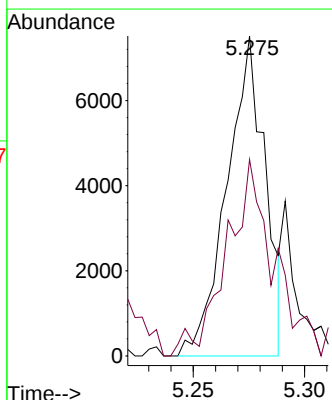
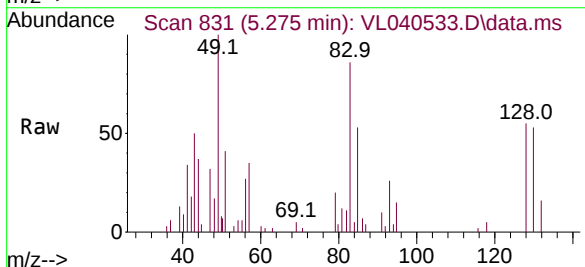
Instrument :
MSVOA_L
ClientSampleId :
OA1

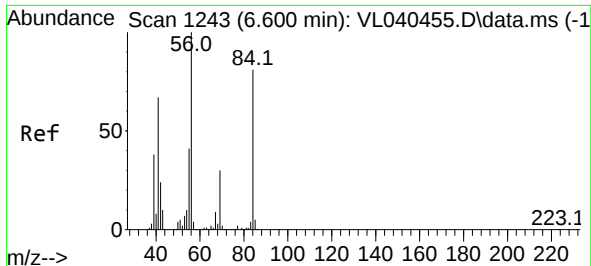
Tgt Ion: 57 Resp: 408102
Ion Ratio Lower Upper
57 100
41 85.3 69.5 104.3
43 72.9 177.1 265.7#
56 54.3 42.3 63.5



#29
Chloroform
Concen: 0.055 ppbv
RT: 5.275 min Scan# 831
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 83 Resp: 8942
Ion Ratio Lower Upper
83 100
85 57.8 51.1 76.7

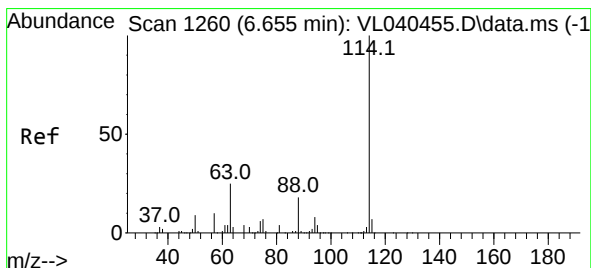
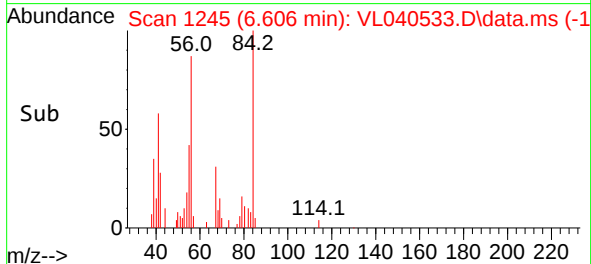
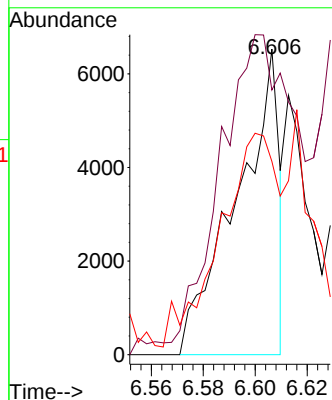
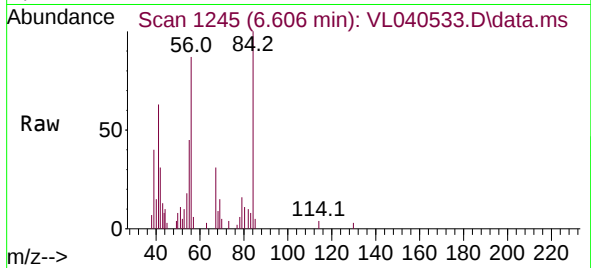




#30
Cyclohexane
Concen: 0.091 ppbv
RT: 6.606 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

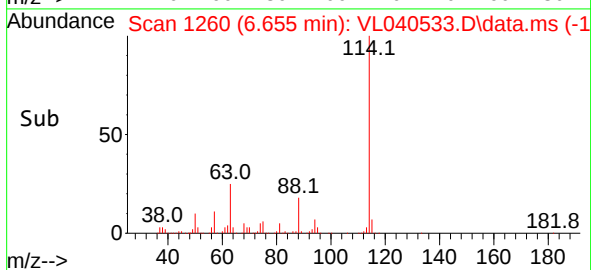
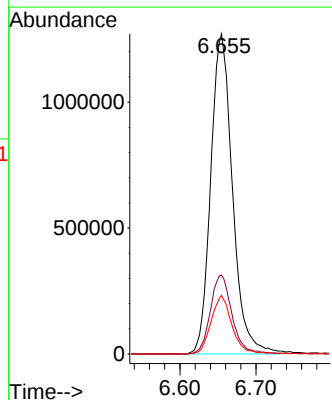
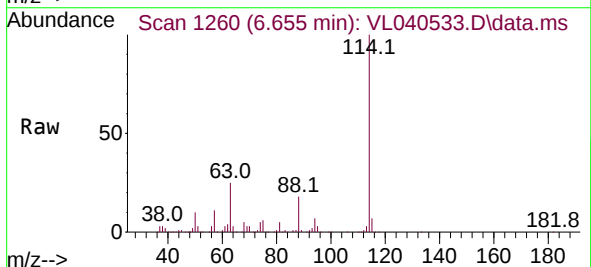
Instrument :
MSVOA_L
ClientSampleId :
OA1

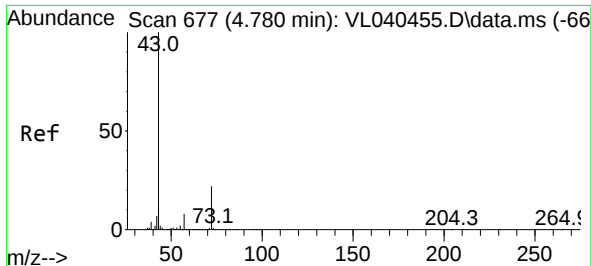
Tgt Ion: 84 Resp: 7397
Ion Ratio Lower Upper
84 100
56 190.0 108.7 163.1#
41 0.0 64.5 96.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 114 Resp: 2526246
Ion Ratio Lower Upper
114 100
63 24.8 19.6 29.4
88 17.7 14.2 21.2

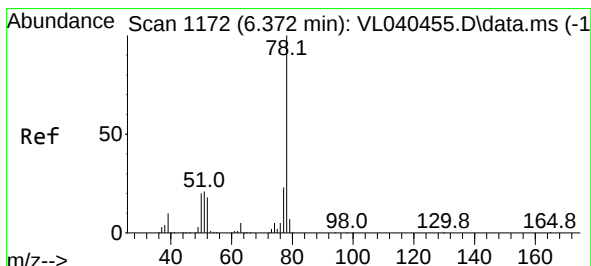
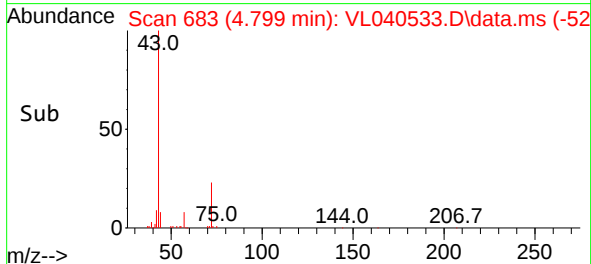
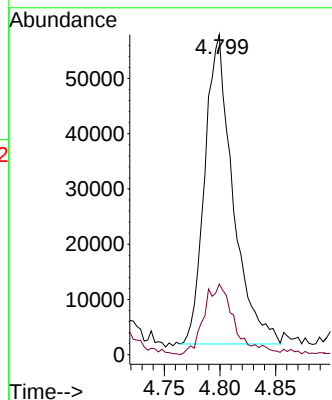
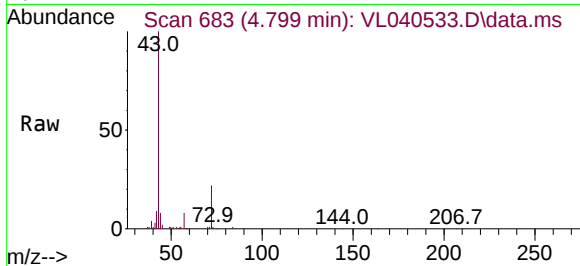




#34
2-Butanone
Concen: 0.788 ppbv
RT: 4.799 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

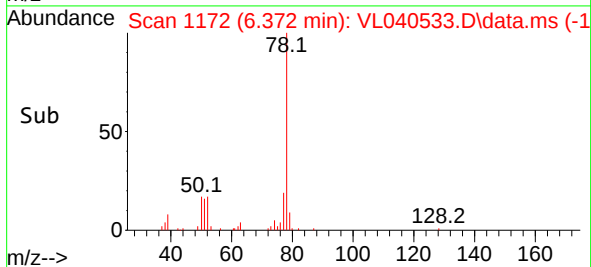
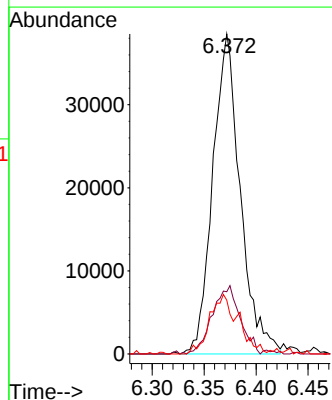
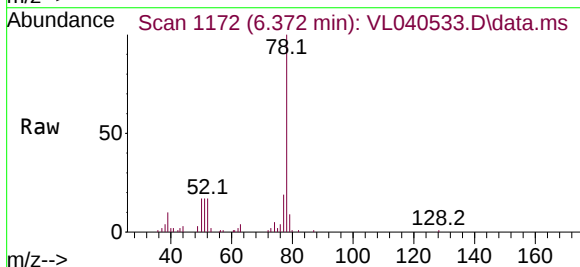
Instrument :
MSVOA_L
ClientSampleId :
OA1

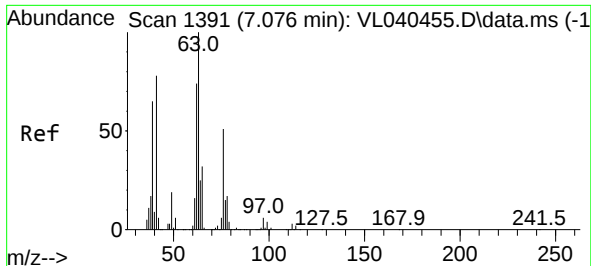
Tgt Ion: 43 Resp: 98330
Ion Ratio Lower Upper
43 100
72 26.1 19.1 28.7



#36
Benzene
Concen: 0.349 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 78 Resp: 70898
Ion Ratio Lower Upper
78 100
77 19.5 17.4 26.0
50 16.8 14.4 21.6





#39

1,2-Dichloropropane

Concen: 0.088 ppbv

RT: 6.703 min Scan# 1467

Delta R.T. -0.380 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

OA1

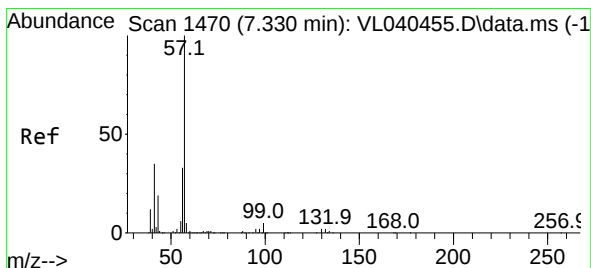
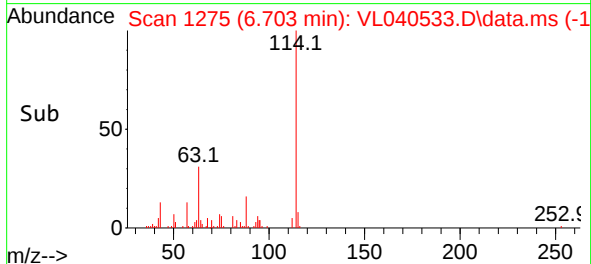
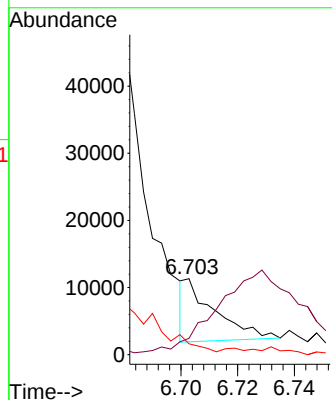
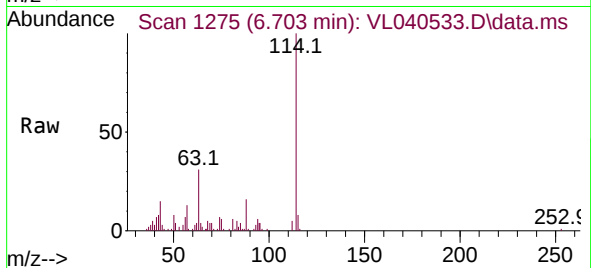
Tgt Ion: 63 Resp: 6869

Ion Ratio Lower Upper

63 100

41 5.9 54.3 81.5#

62 11.7 55.6 83.4#



#44

2,2,4-Trimethylpentane

Concen: 0.119 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.016 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

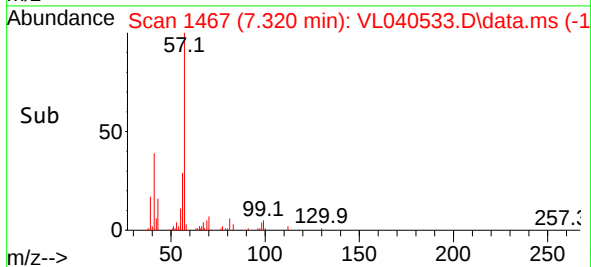
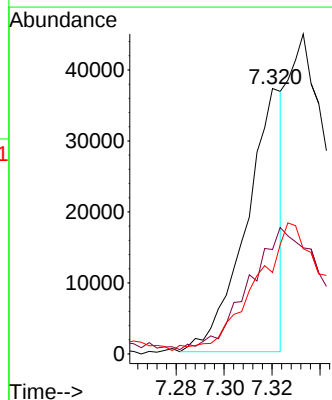
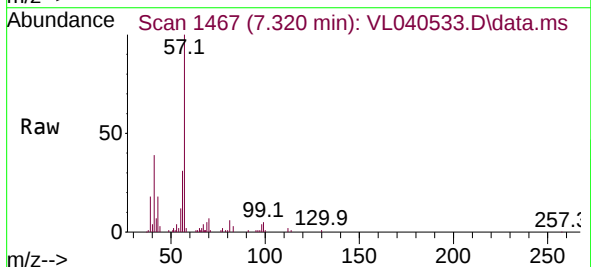
Tgt Ion: 57 Resp: 38818

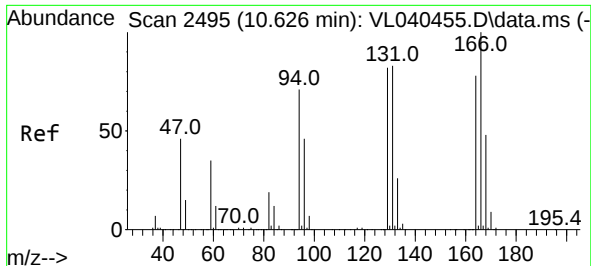
Ion Ratio Lower Upper

57 100

41 114.5 25.5 38.3#

56 102.9 25.1 37.7#

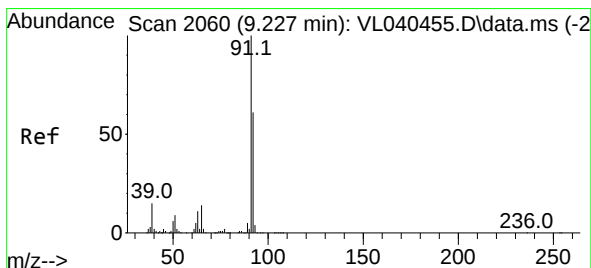
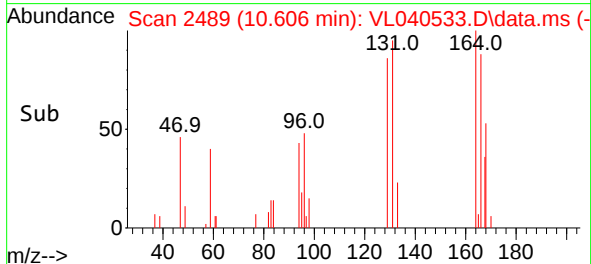
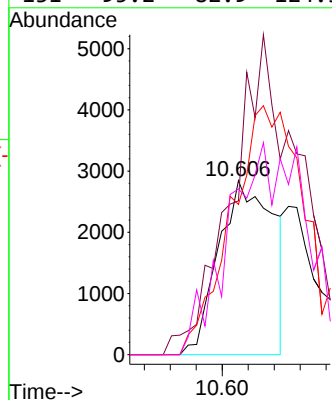
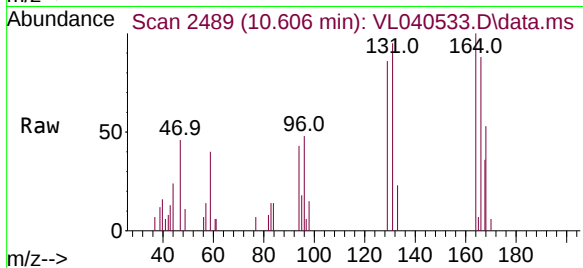




#52
Tetrachloroethene
Concen: 0.063 ppbv
RT: 10.606 min Scan# 2495
Delta R.T. -0.020 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

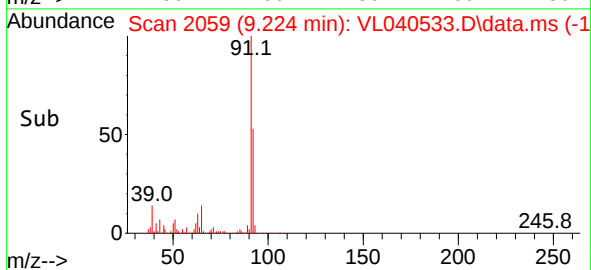
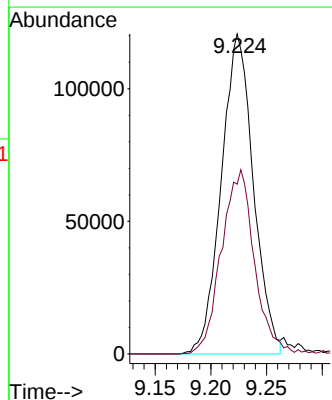
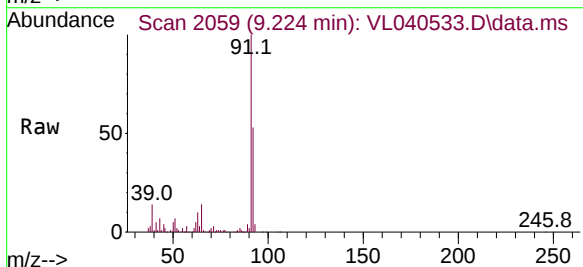
Instrument :
MSVOA_L
ClientSampleId :
OA1

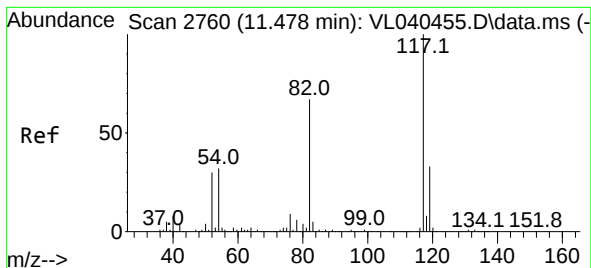
Tgt Ion:164	Resp:	4163
Ion	Ratio	Lower Upper
164	100	
166	77.1	103.9 155.9#
129	86.3	84.6 126.8
131	95.2	82.9 124.3



#53
Toluene
Concen: 1.097 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. -0.007 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 91	Resp:	242134
Ion	Ratio	Lower Upper
91	100	
92	59.5	49.1 73.7

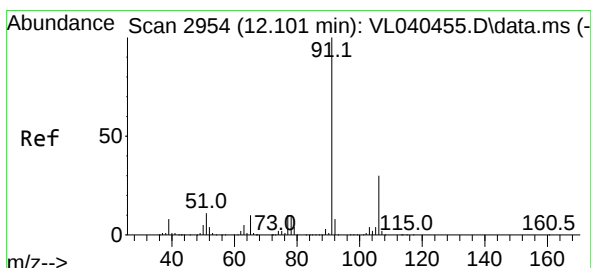
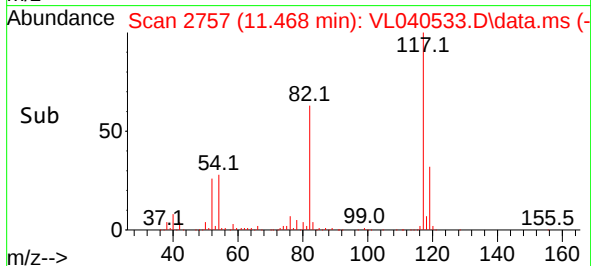
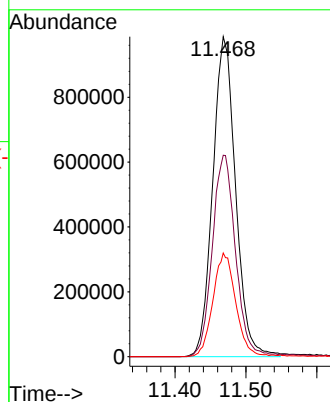
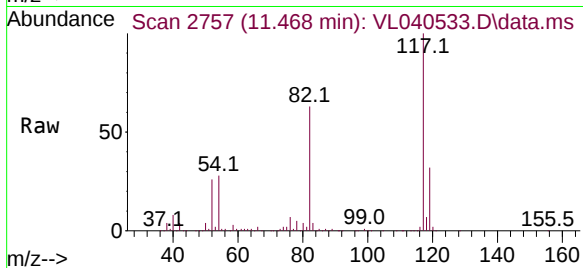




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

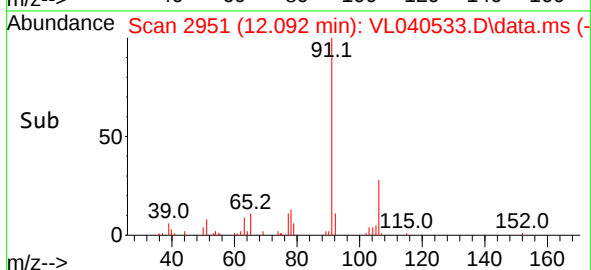
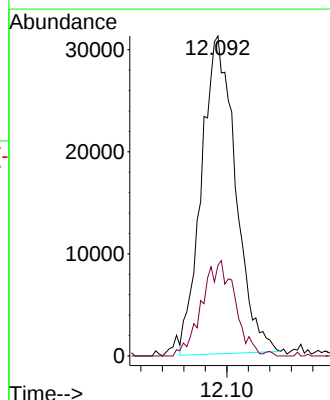
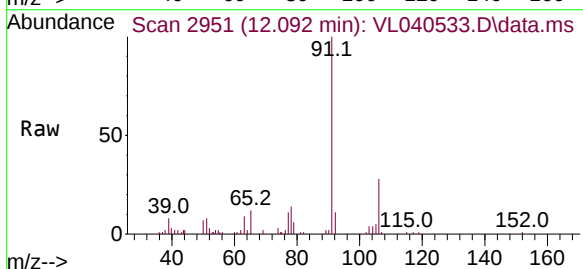
Instrument :
MSVOA_L
ClientSampleId :
OA1

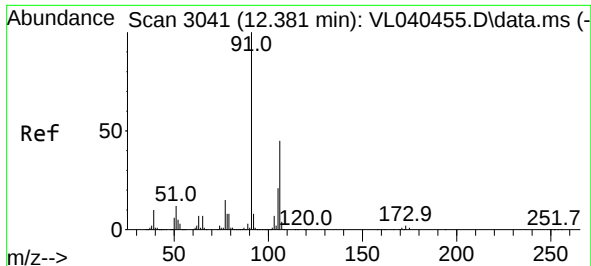
Tgt Ion:117 Resp: 2208928
Ion Ratio Lower Upper
117 100
82 65.1 50.2 75.4
119 32.6 26.9 40.3



#58
Ethyl Benzene
Concen: 0.248 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 91 Resp: 68750
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.0





#59

m/p-Xylene

Concen: 0.317 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. -0.010 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

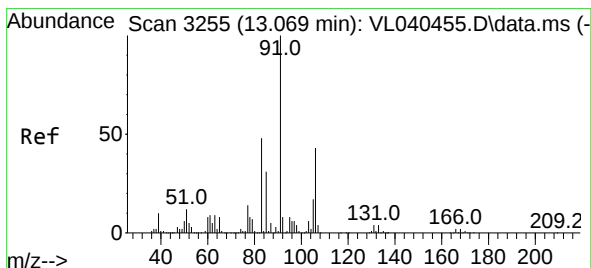
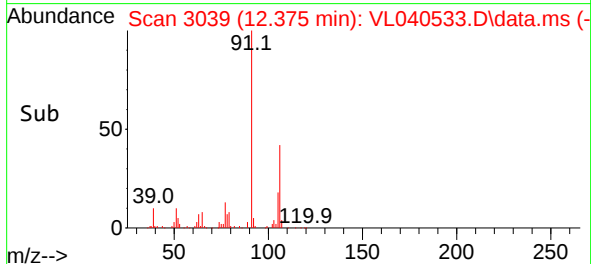
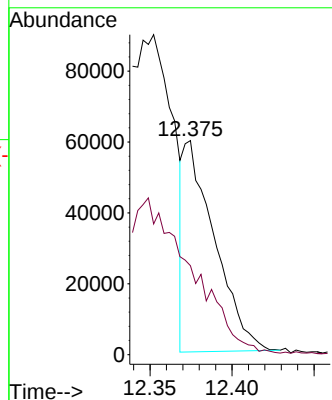
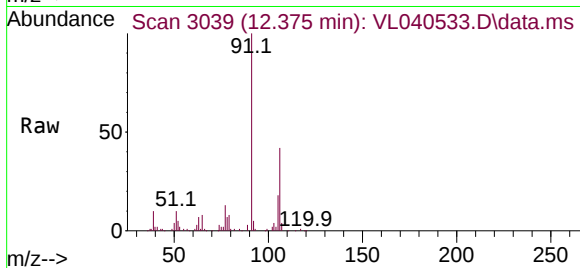
OA1

Tgt Ion: 91 Resp: 78554

Ion Ratio Lower Upper

91 100

106 0.0 35.9 53.9#



#60

o-Xylene

Concen: 0.645 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.010 min

Lab File: VL040533.D

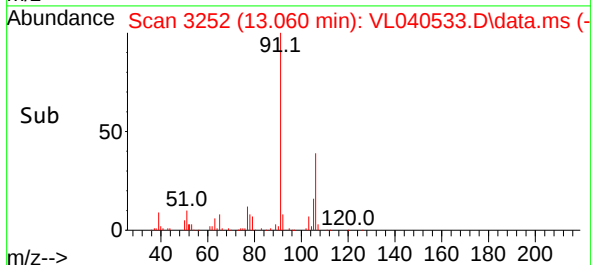
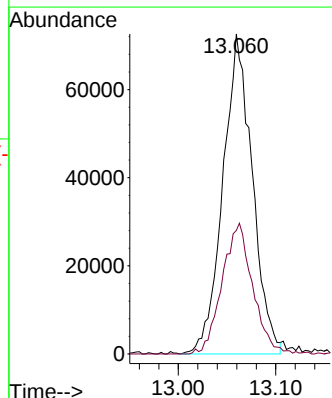
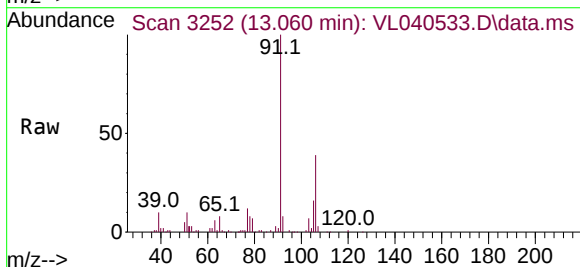
Acq: 14 Jul 2023 18:57

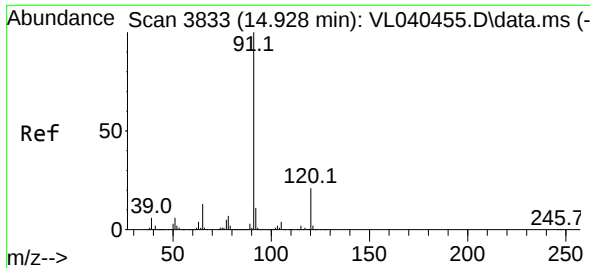
Tgt Ion: 91 Resp: 152131

Ion Ratio Lower Upper

91 100

106 42.7 22.7 68.0

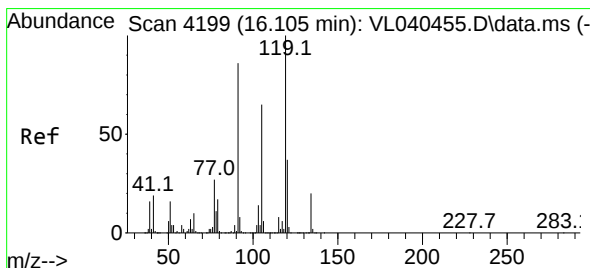
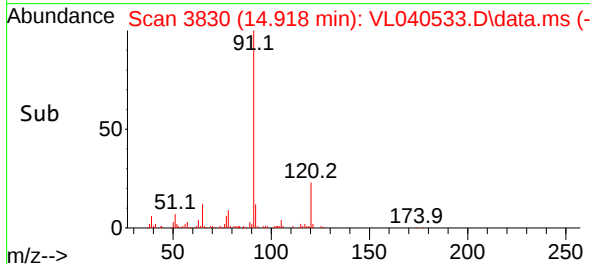
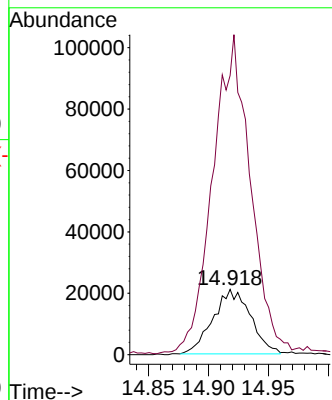
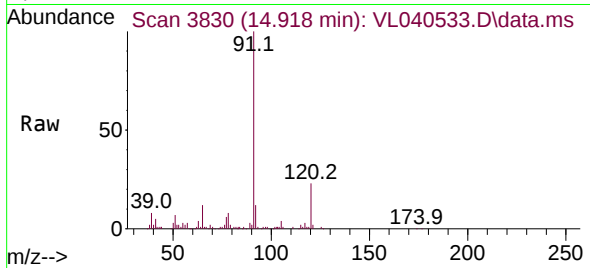




#64
n-propylbenzene
Concen: 0.500 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

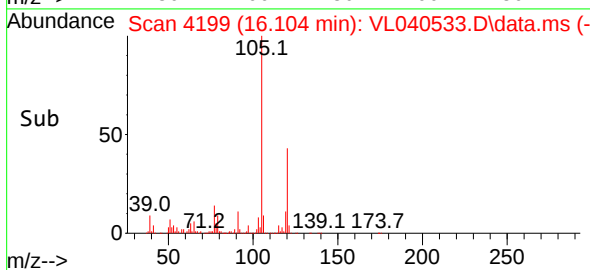
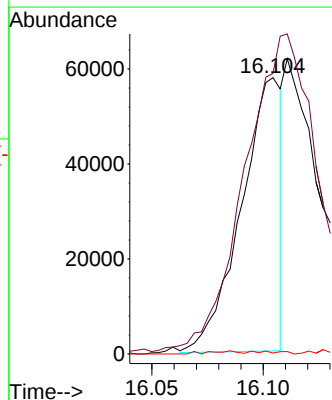
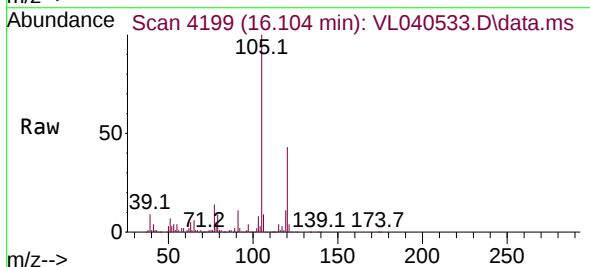
Instrument :
MSVOA_L
ClientSampleId :
OA1

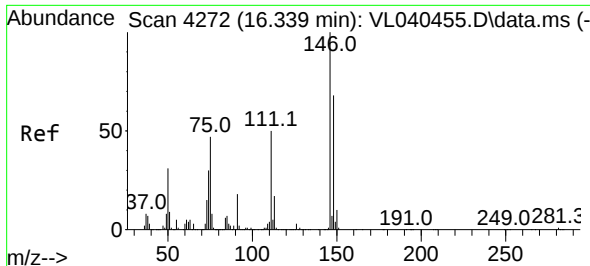
Tgt Ion:120 Resp: 45732
Ion Ratio Lower Upper
120 100
91 500.6 374.3 561.5



#65
tert-Butylbenzene
Concen: 0.231 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion:119 Resp: 72291
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1#
134 1.0 15.7 23.5#

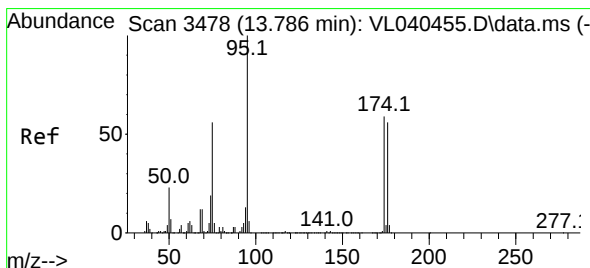
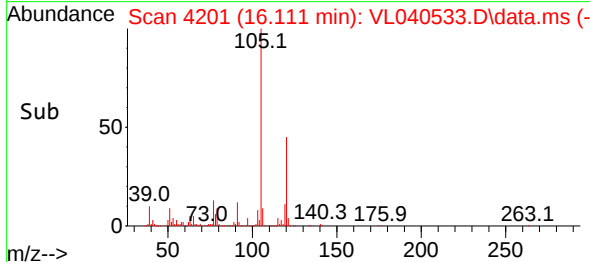
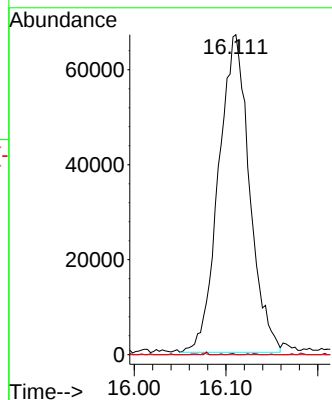
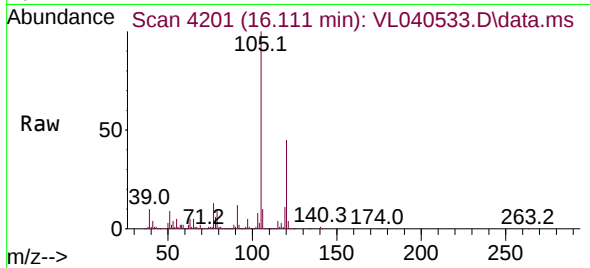




#66
Benzyl Chloride
Concen: 7.087 ppbv
RT: 16.111 min Scan# 41
Delta R.T. -0.225 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

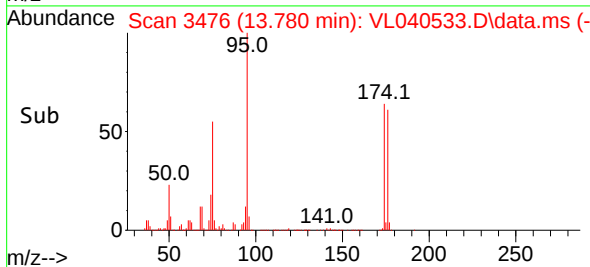
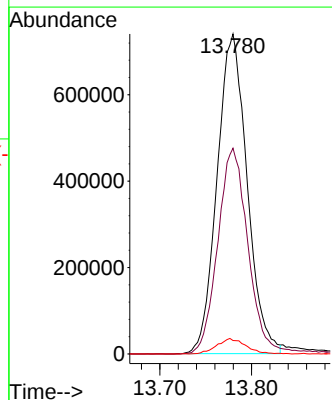
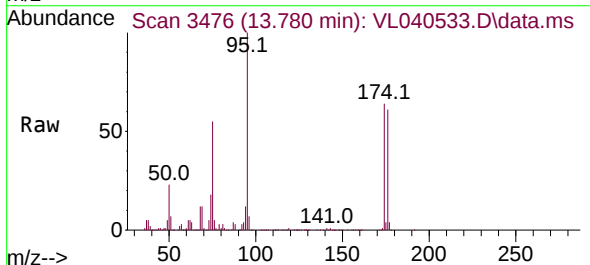
Instrument :
MSVOA_L
ClientSampleId :
OA1

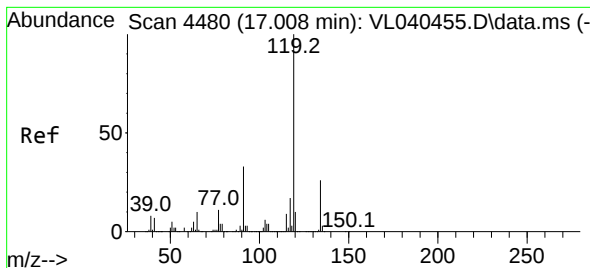
Tgt Ion: 91 Resp: 156796
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.1 4.5 6.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.624 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion: 95 Resp: 1682533
Ion Ratio Lower Upper
95 100
174 66.5 50.6 75.8
175 4.8 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.032 ppbv

RT: 16.995 min Scan# 4480

Delta R.T. -0.010 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

OA1

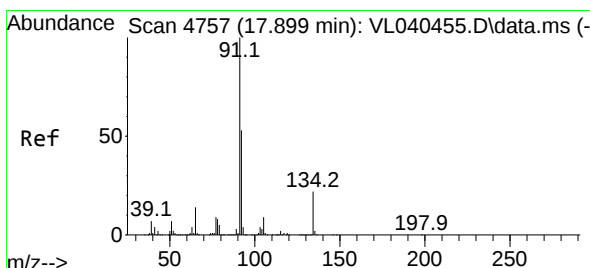
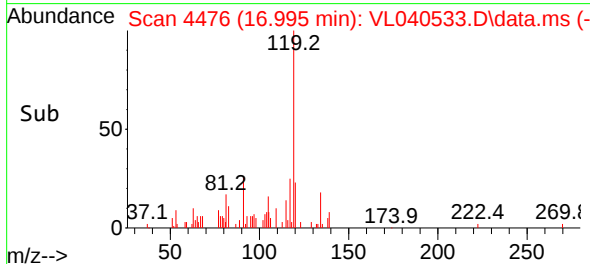
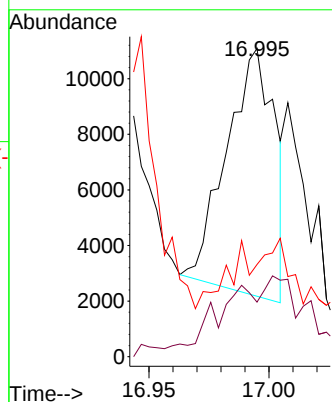
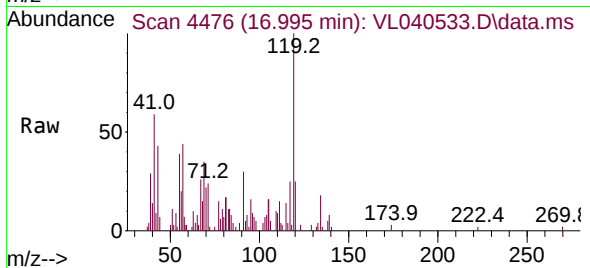
Tgt Ion:119 Resp: 12256

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 0.0 23.8 35.8#



#70

n-Butylbenzene

Concen: 0.055 ppbv

RT: 17.882 min Scan# 4752

Delta R.T. -0.013 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

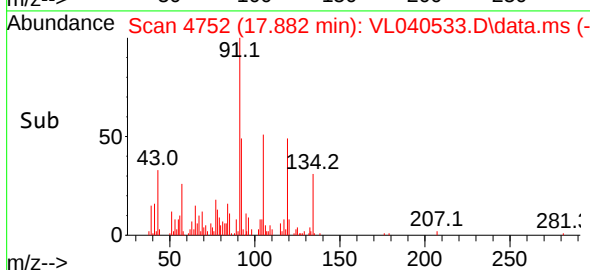
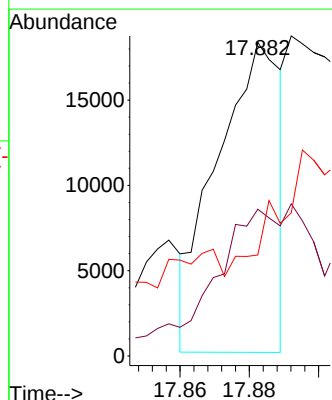
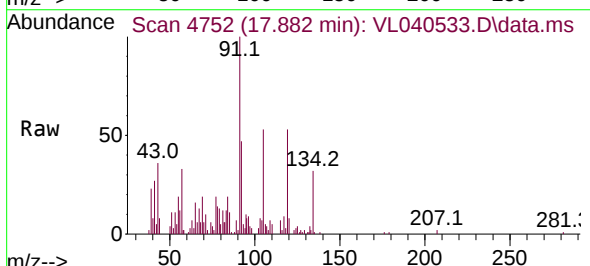
Tgt Ion: 91 Resp: 23185

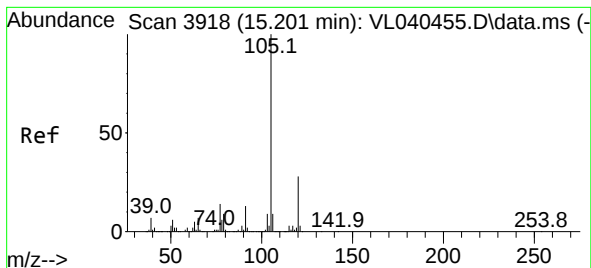
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.0#

134 0.0 18.1 27.1#

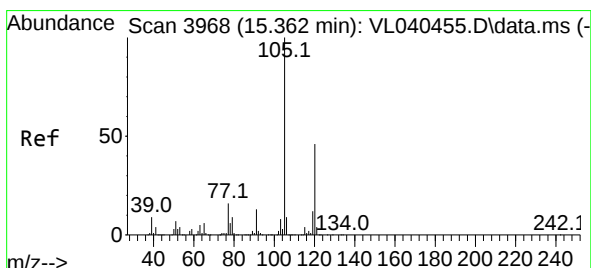
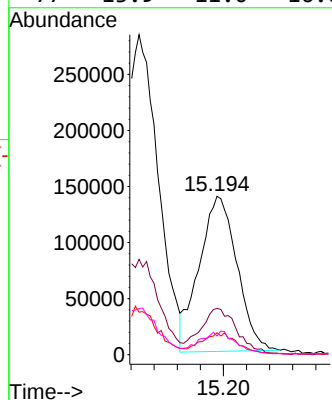
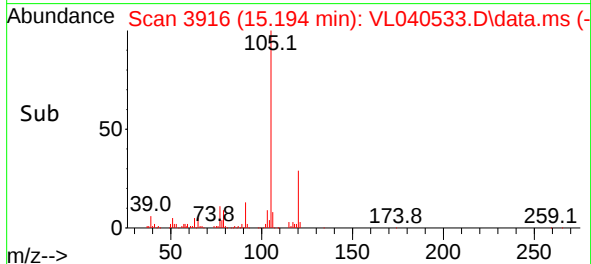
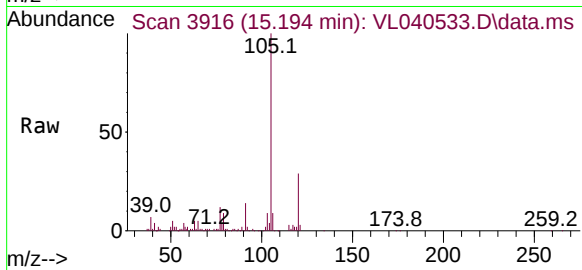




#72
4-Ethyltoluene
Concen: 1.141 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

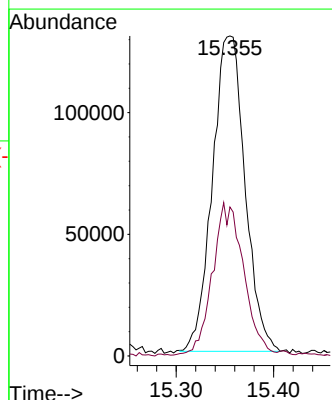
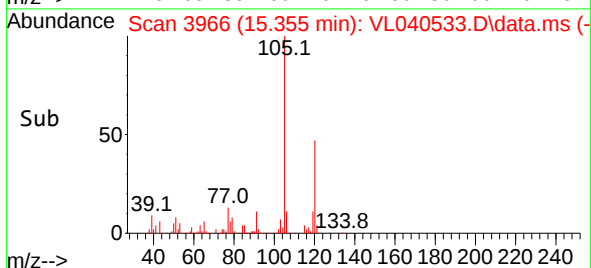
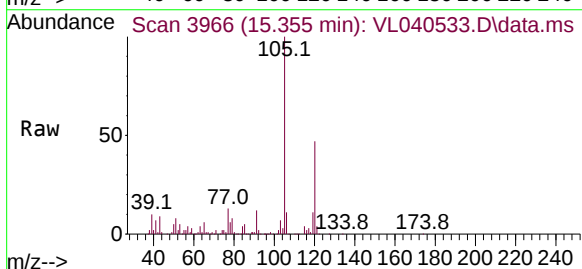
Instrument :
MSVOA_L
ClientSampleId :
OA1

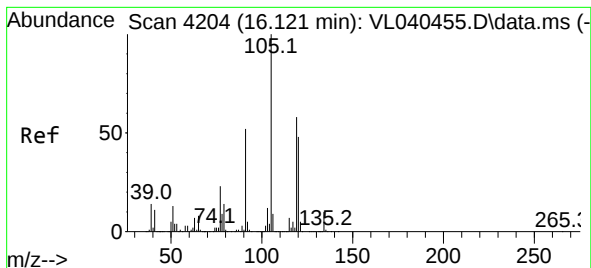
Tgt Ion:105 Resp: 315112
Ion Ratio Lower Upper
105 100
120 29.5 24.6 37.0
91 13.6 10.7 16.1
77 13.9 11.0 16.6



#73
1,3,5-Trimethylbenzene
Concen: 1.240 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.007 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion:105 Resp: 301980
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.2





#74

1,2,4-Trimethylbenzene

Concen: 4.718 ppbv

RT: 16.108 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

OA1

Tgt Ion:105 Resp: 1339686

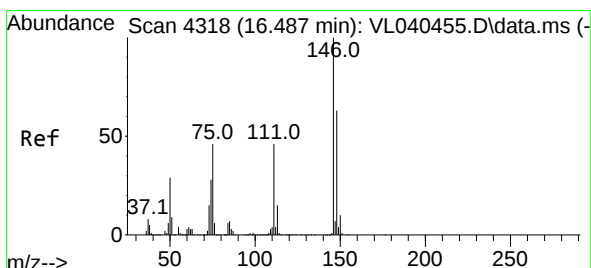
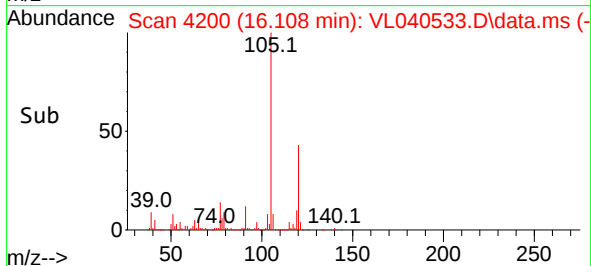
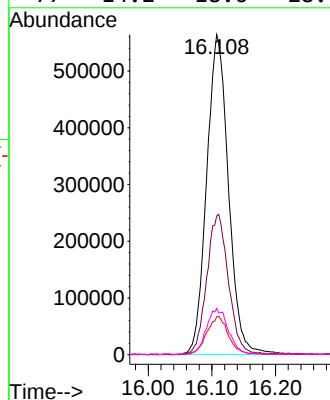
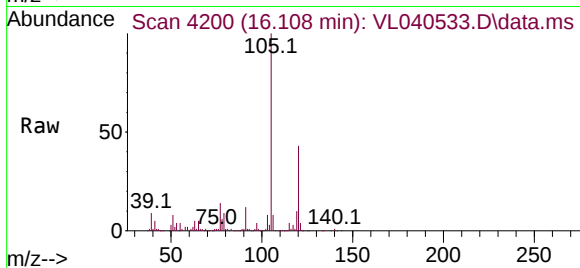
Ion Ratio Lower Upper

105 100

120 43.4 40.3 60.5

91 11.8 46.8 70.2#

77 14.2 18.6 28.0#



#76

1,4-Dichlorobenzene

Concen: 0.057 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. -0.013 min

Lab File: VL040533.D

Acq: 14 Jul 2023 18:57

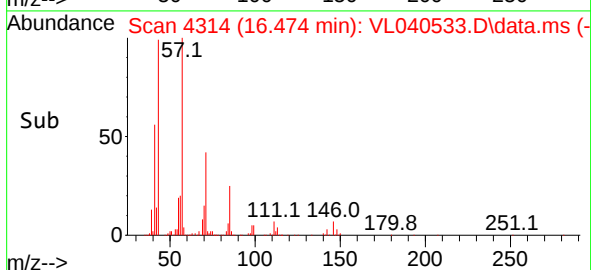
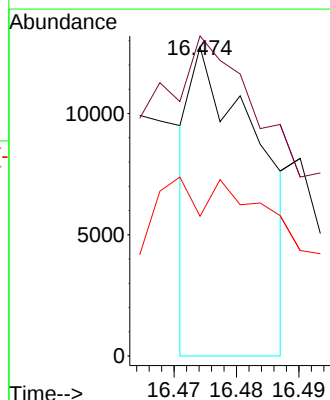
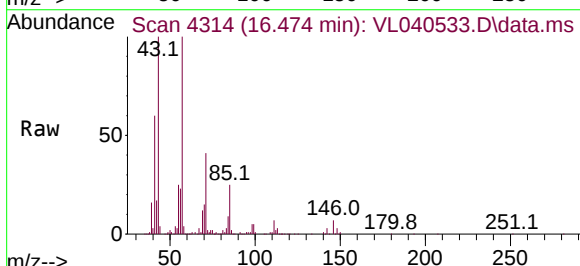
Tgt Ion:146 Resp: 9543

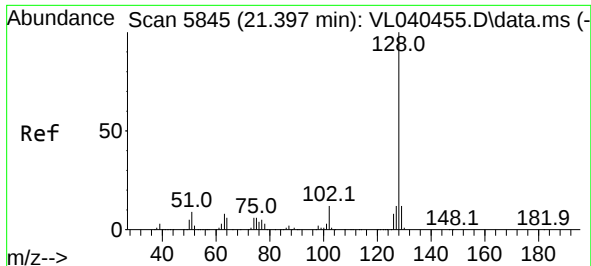
Ion Ratio Lower Upper

146 100

111 352.1 22.8 68.3#

148 194.5 32.6 97.8#

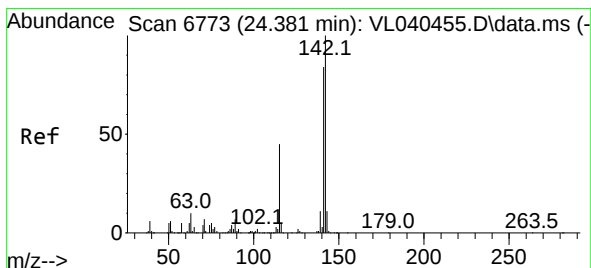
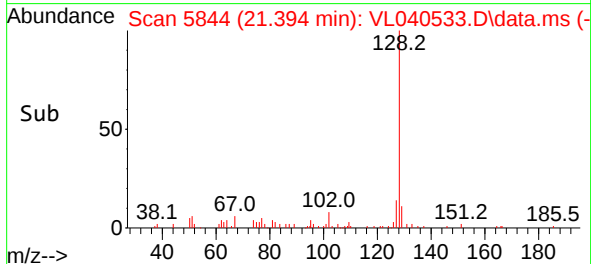
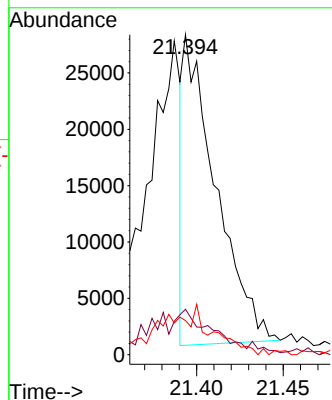
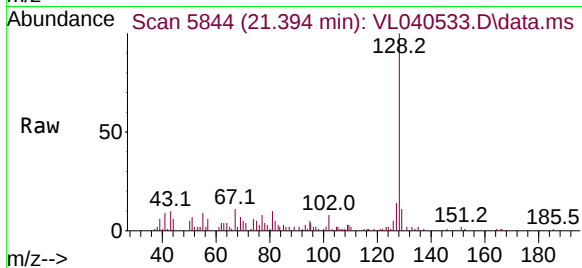




#79
Naphthalene
Concen: 0.148 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.000 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:128 Resp: 35548
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 10.1 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.045 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040533.D
Acq: 14 Jul 2023 18:57

Tgt Ion:142 Resp: 4479
Ion Ratio Lower Upper
142 100
141 80.6 66.7 100.1
115 46.2 33.0 49.6

