

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040565.D
 Acq On : 27 Jul 2023 7:30
 Operator : SY/MD
 Sample : 03696-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 08:28:28 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	5.182	49	1148194	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	3062509	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2748716	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2120023	9.745	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	55986	0.244	ppbv	99
3) Chlorodifluoromethane	2.858	51	8200	0.045	ppbv	96
4) Chloromethane	2.796	50	34933	0.485	ppbv	89
7) Chloroethane	3.185	64	1173	0.044	ppbv #	77
9) Propene	2.681	41	1418549	22.768	ppbv	90
10) Heptane	7.574	43	242687	1.764	ppbv	96
11) Trichlorofluoromethane	3.549	101	45114	0.243	ppbv	96
13) Ethanol	3.221	45	1219313	89.947	ppbv	98
15) Acetone	3.449	43	3594911	27.200	ppbv	98
16) 1,3-Butadiene	2.996	39	302250	4.533	ppbv #	8
17) tert-Butyl alcohol	3.874	59	68144	0.498	ppbv #	92
19) Isopropyl Alcohol	3.562	45	941463	12.408	ppbv #	1
20) Methylene Chloride	3.922	84	511946	9.106	ppbv	97
21) Allyl Chloride	3.976	41	7727	0.102	ppbv #	1
23) Vinyl Acetate	4.600	43	163149	1.296	ppbv #	1
25) Ethyl Acetate	5.198	43	652896	2.595	ppbv #	88
26) Hexane	5.201	57	665494	5.693	ppbv #	54
27) Carbon Disulfide	4.111	76	95982	0.698	ppbv #	97
29) Chloroform	5.263	83	1767942	9.119	ppbv	97
30) Cyclohexane	6.587	84	29496	0.303	ppbv #	1
34) 2-Butanone	4.774	43	510653	3.374	ppbv	100
36) Benzene	6.359	78	398448	1.617	ppbv	95
39) 1,2-Dichloropropane	6.642	63	727374	7.668	ppbv #	26
41) Tetrahydrofuran	5.549	42	2825	0.032	ppbv #	34
42) Bromodichloromethane	7.243	83	16165	0.080	ppbv #	83
43) Methyl Methacrylate	7.468	69	4335	0.047	ppbv #	3
44) 2,2,4-Trimethylpentane	7.317	57	97673	0.246	ppbv #	7
50) 4-Methyl-2-Pentanone	8.185	43	57312	0.261	ppbv	98
51) 2-Hexanone	9.526	43	6748	0.043	ppbv #	28
52) Tetrachloroethene	10.606	164	26664	0.334	ppbv #	85
53) Toluene	9.214	91	1463119	5.466	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.108	131	28166	0.229	ppbv #	1
58) Ethyl Benzene	12.082	91	410393	1.190	ppbv	99
59) m/p-Xylene	12.339	91	1270477	4.127	ppbv	96
60) o-Xylene	13.050	91	488808	1.667	ppbv	99
61) Styrene	12.896	104	36055	0.267	ppbv	94
65) tert-Butylbenzene	16.105	119	53691	0.138	ppbv #	55
69) p-Isopropyltoluene	16.989	119	271438	0.574	ppbv	100
71) 2-Chlorotoluene	14.674	91	46575	0.137	ppbv #	45
72) 4-Ethyltoluene	15.191	105	156223	0.454	ppbv	96
73) 1,3,5-Trimethylbenzene	15.343	105	107069	0.353	ppbv	87
74) 1,2,4-Trimethylbenzene	16.105	105	522346	1.478	ppbv #	62
75) 1,3-Dichlorobenzene	16.333	146	21437	0.100	ppbv #	23

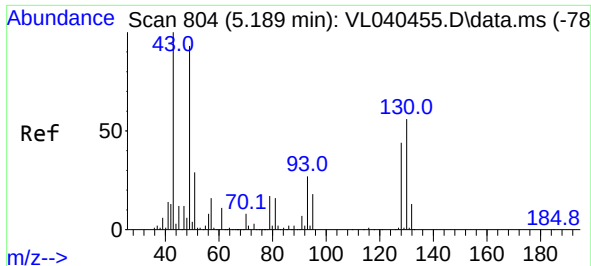
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
Data File : VL040565.D
Acq On : 27 Jul 2023 7:30
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Quant Time: Jul 27 08:28:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: 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)
79) Naphthalene	21.371	128	18581	0.062	ppbv #	92
80) Naphthalene,2-methyl-	24.368	142	4558	0.037	ppbv #	83

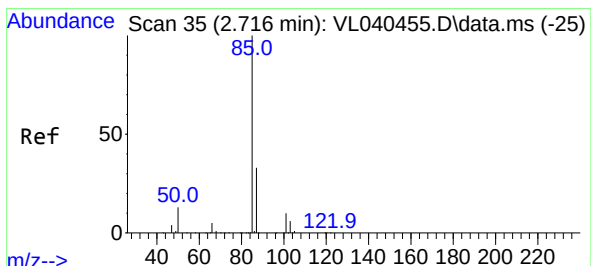
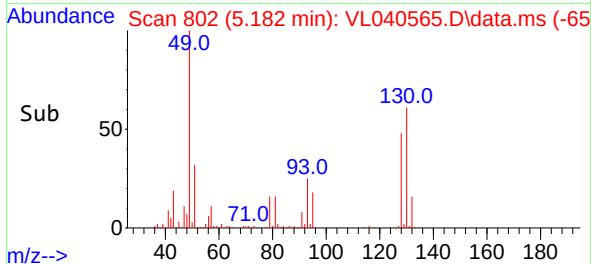
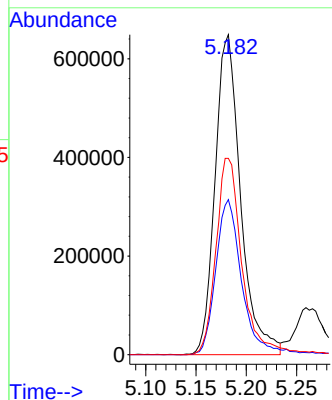
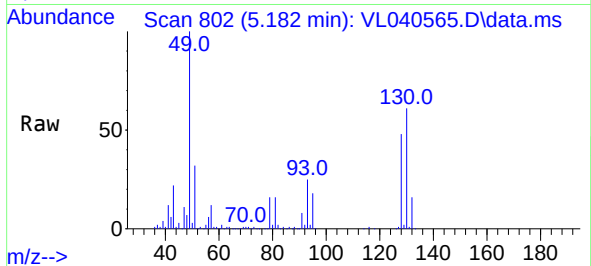
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

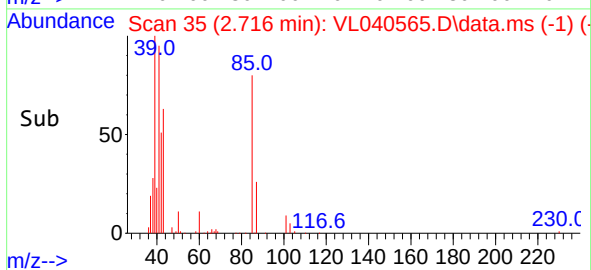
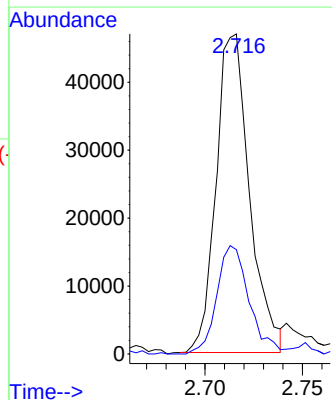
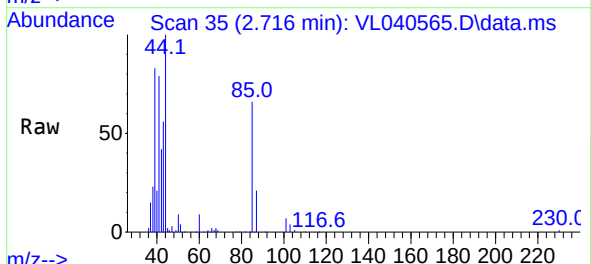
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MSVOA_L
ClientSampleId :

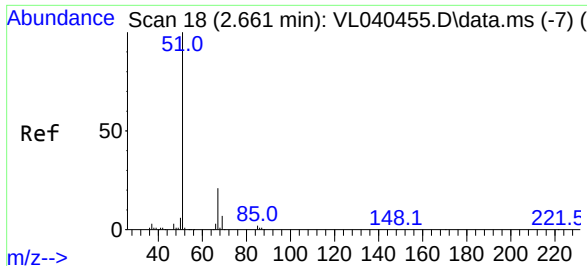
Tgt Ion: 49 Resp: 1148194
Ion Ratio Lower Upper
49 100
128 50.2 25.1 75.4
130 63.6 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.244 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

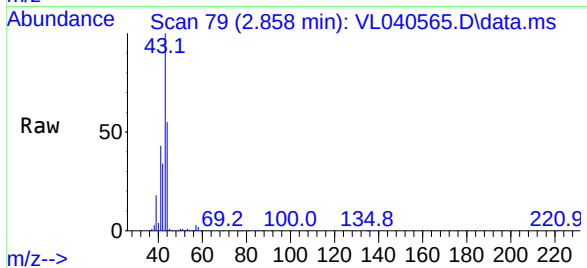
Tgt Ion: 85 Resp: 55986
Ion Ratio Lower Upper
85 100
87 32.8 26.8 40.2



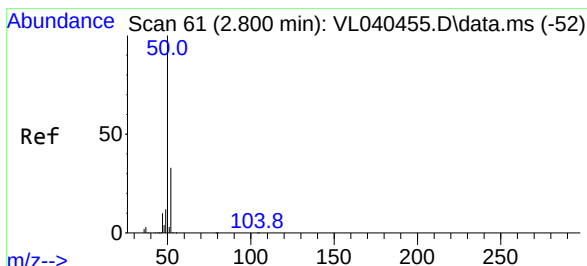
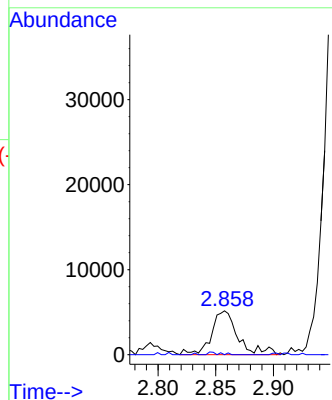
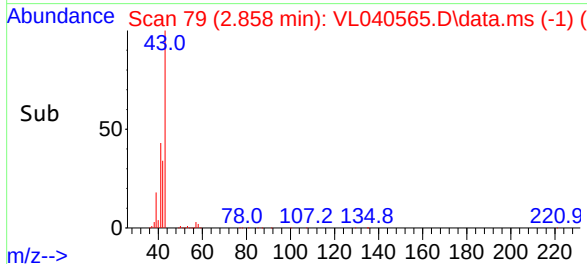


#3
Chlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.174 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :

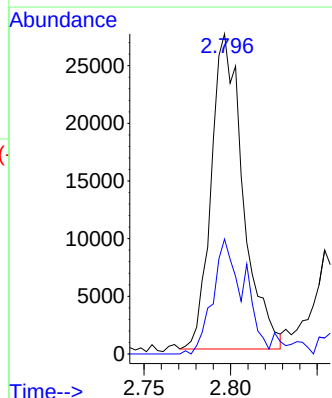
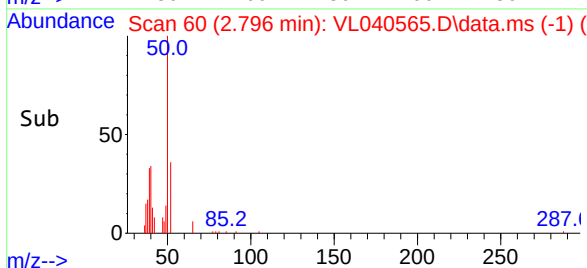
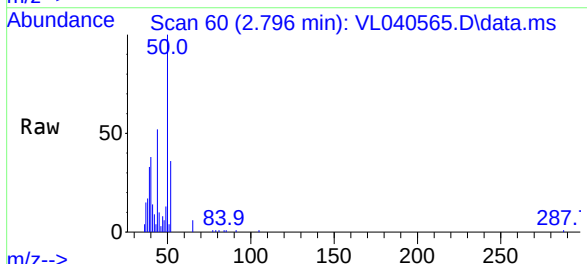


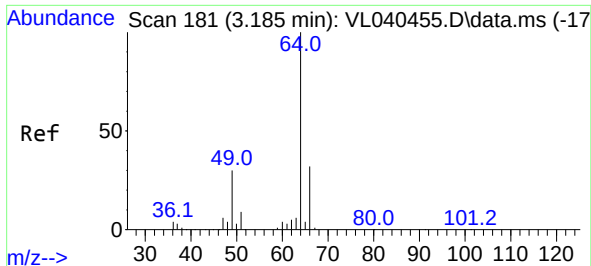
Tgt Ion: 51 Resp: 8200
Ion Ratio Lower Upper
51 100
67 19.9 14.6 21.8



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 50 Resp: 34933
Ion Ratio Lower Upper
50 100
52 36.5 24.4 36.6

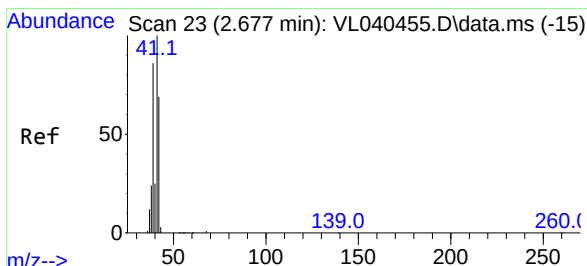
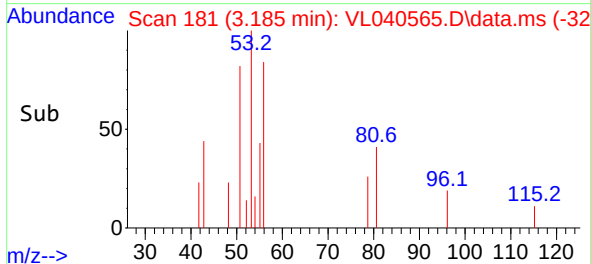
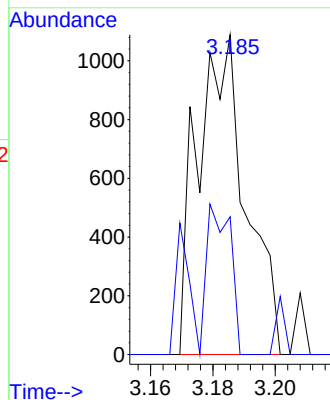
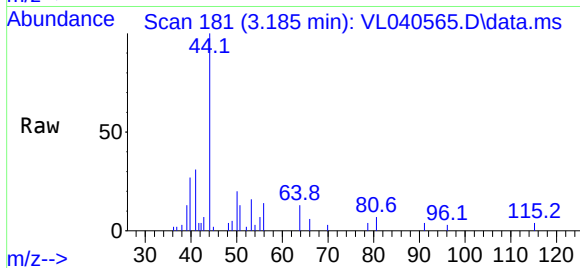




#7
Chloroethane
Concen: 0.044 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

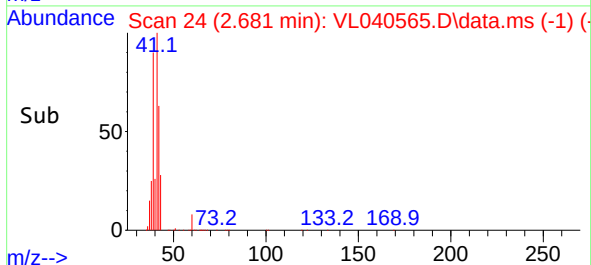
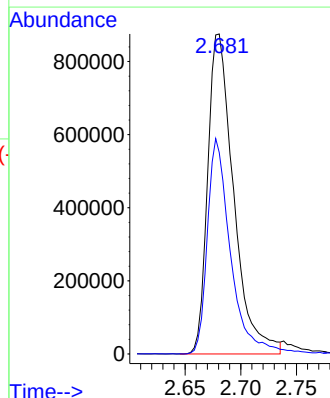
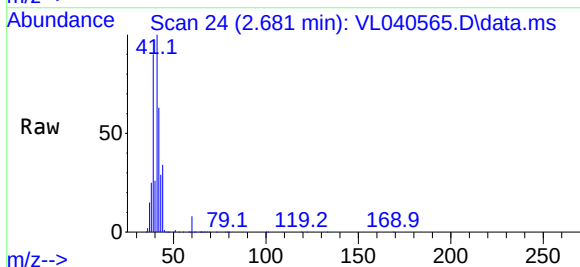
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MSVOA_L
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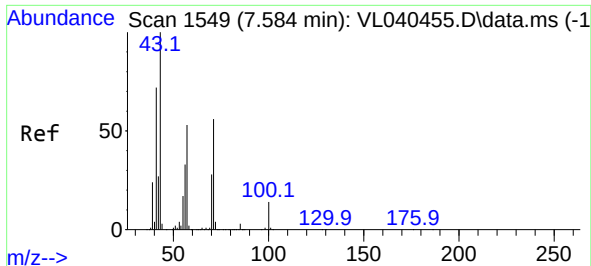
Tgt Ion: 64 Resp: 1173
Ion Ratio Lower Upper
64 100
66 43.1 24.4 36.6#



#9
Propene
Concen: 22.768 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 41 Resp: 1418549
Ion Ratio Lower Upper
41 100
42 60.6 55.0 82.6

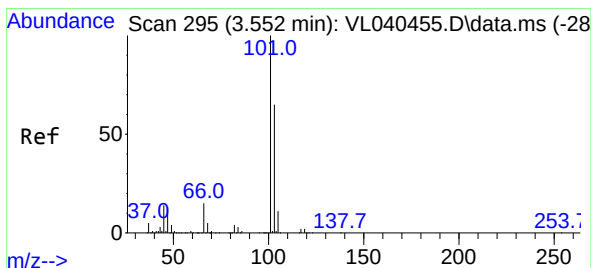
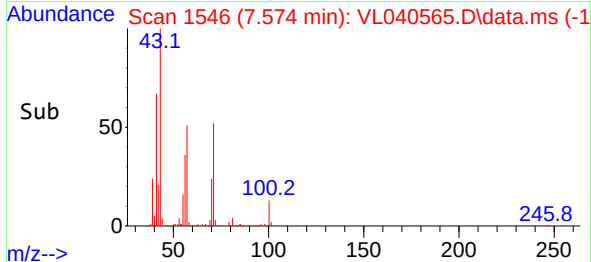
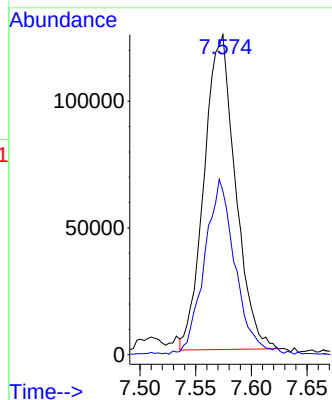
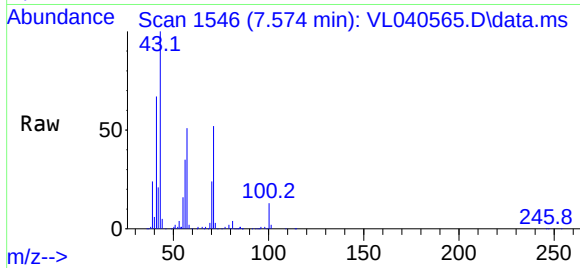




#10
Heptane
Concen: 1.764 ppbv
RT: 7.574 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

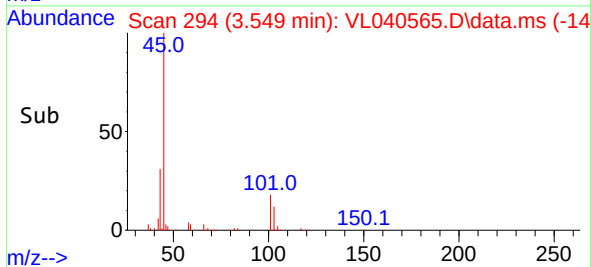
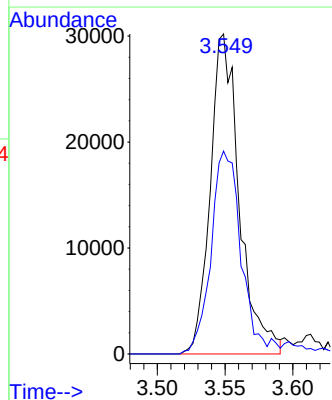
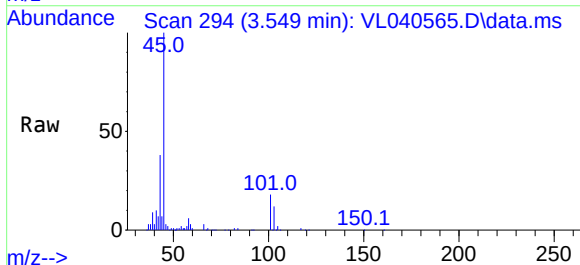
Instrument :
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ClientSampleId :

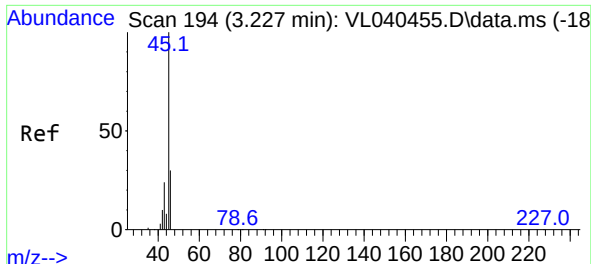
Tgt Ion: 43 Resp: 242687
Ion Ratio Lower Upper
43 100
57 55.9 42.5 63.7



#11
Trichlorofluoromethane
Concen: 0.243 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion:101 Resp: 45114
Ion Ratio Lower Upper
101 100
103 63.4 53.4 80.0

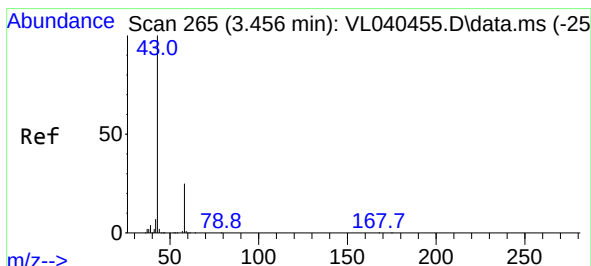
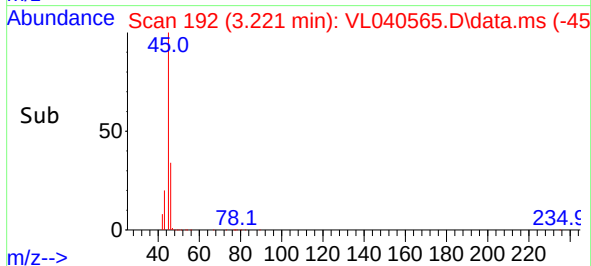
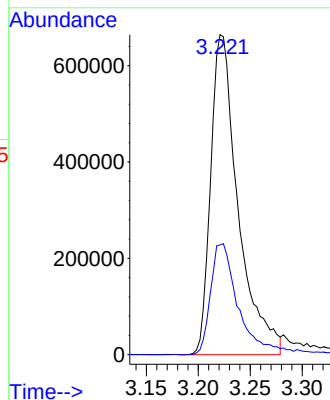
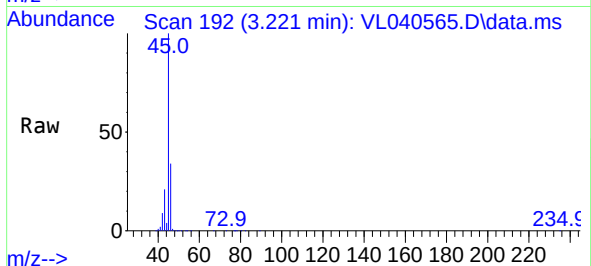




#13
Ethanol
Concen: 89.947 ppbv
RT: 3.221 min Scan# 194
Delta R.T. -0.026 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

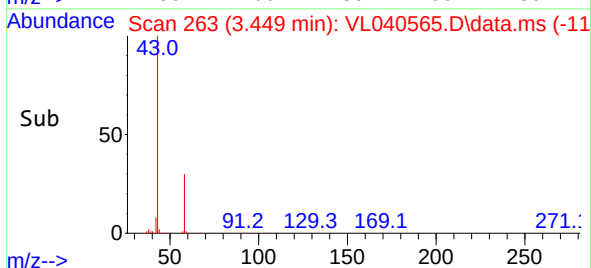
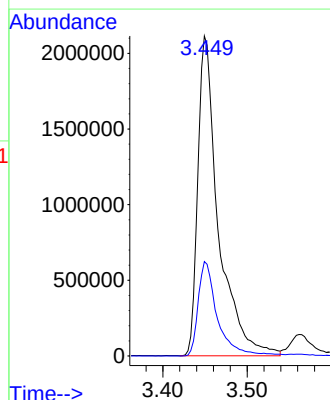
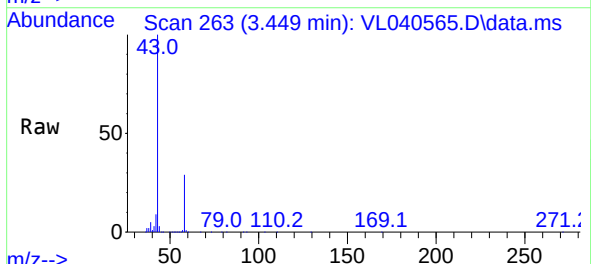
Instrument :
MSVOA_L
ClientSampleId :

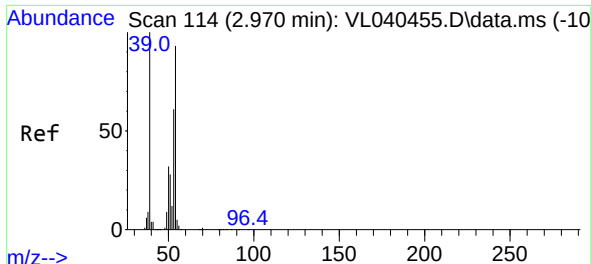
Tgt Ion: 45 Resp: 1219313
Ion Ratio Lower Upper
45 100
46 37.0 15.3 61.1



#15
Acetone
Concen: 27.200 ppbv
RT: 3.449 min Scan# 263
Delta R.T. -0.026 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 43 Resp: 3594911
Ion Ratio Lower Upper
43 100
58 27.6 22.9 34.3





#16

1,3-Butadiene

Concen: 4.533 ppbv

RT: 2.996 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040565.D

Acq: 27 Jul 2023 7:30

Instrument :

MSVOA_L

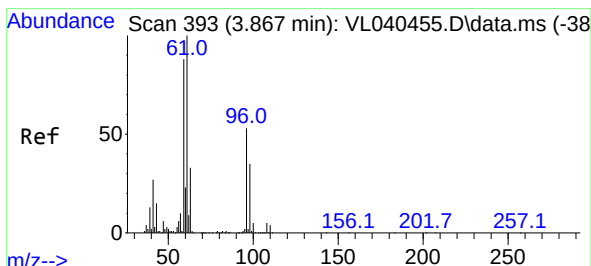
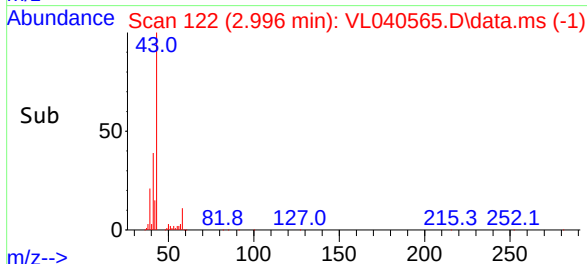
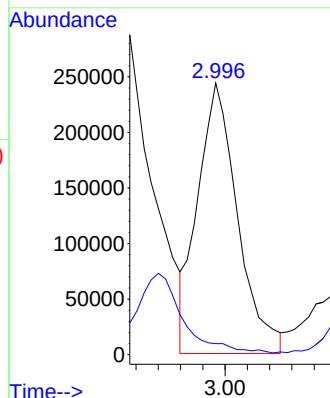
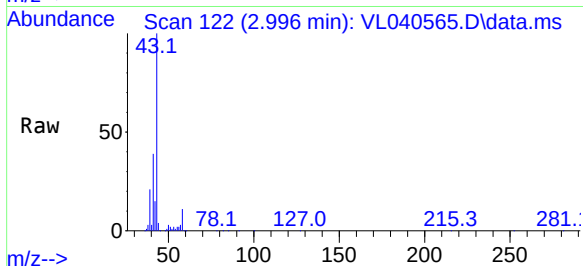
ClientSampleId :

Tgt Ion: 39 Resp: 302250

Ion Ratio Lower Upper

39 100

54 0.0 66.6 100.0#



#17

tert-Butyl alcohol

Concen: 0.498 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.010 min

Lab File: VL040565.D

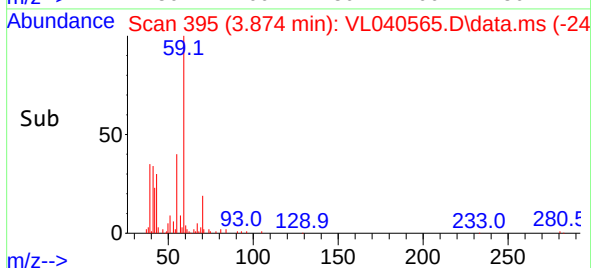
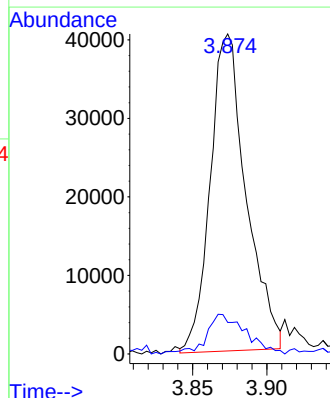
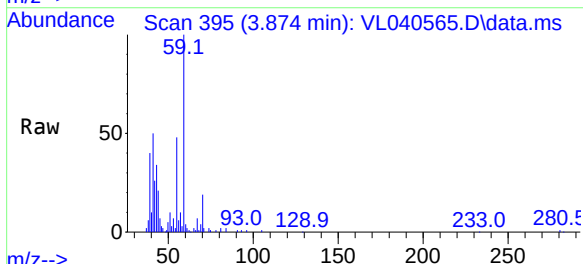
Acq: 27 Jul 2023 7:30

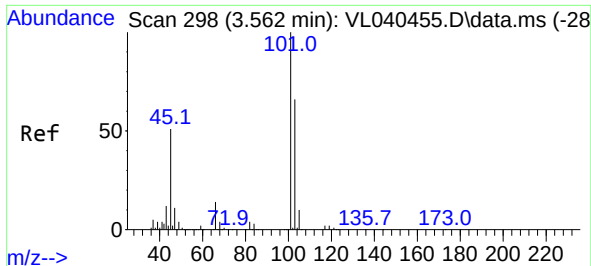
Tgt Ion: 59 Resp: 68144

Ion Ratio Lower Upper

59 100

57 13.8 8.7 13.1#

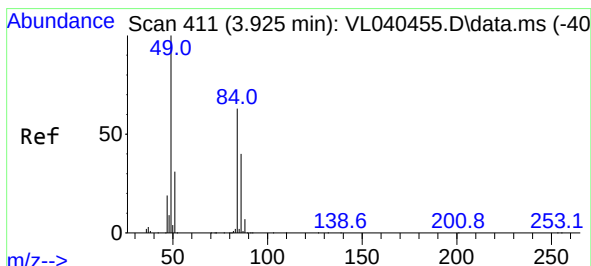
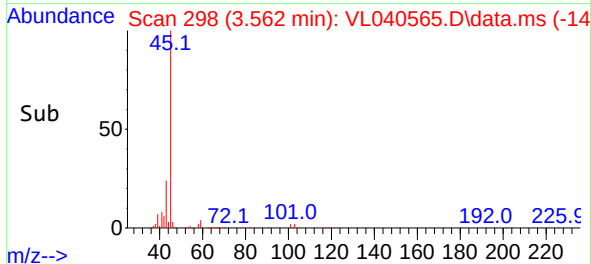
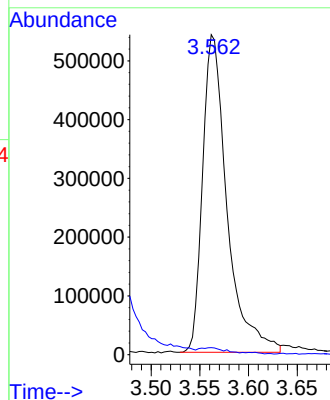
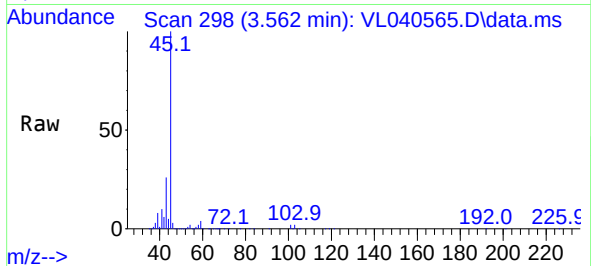




#19
Isopropyl Alcohol
Concen: 12.408 ppbv
RT: 3.562 min Scan# 298
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

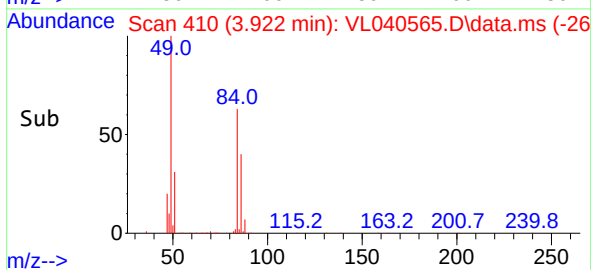
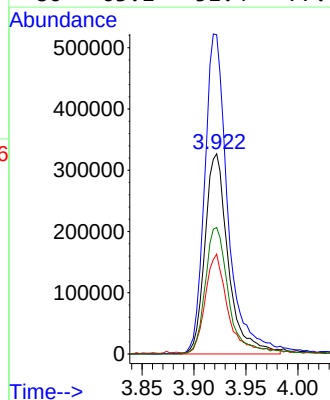
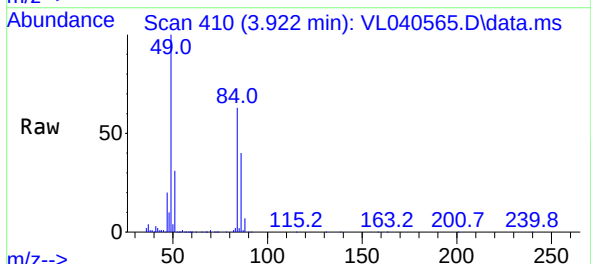
Instrument :
MSVOA_L
ClientSampleId :

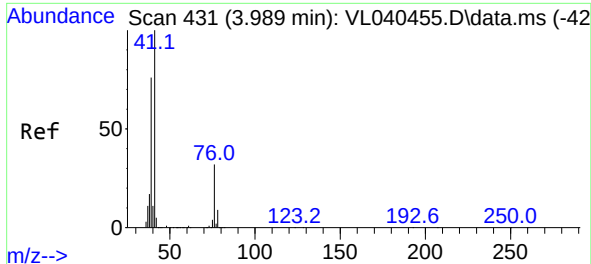
Tgt Ion: 45 Resp: 941463
Ion Ratio Lower Upper
45 100
58 105.5 1.1 1.7#



#20
Methylene Chloride
Concen: 9.106 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 84 Resp: 511946
Ion Ratio Lower Upper
84 100
49 159.1 123.4 185.2
51 48.7 38.3 57.5
86 63.1 51.4 77.0





#21

Allyl Chloride

Concen: 0.102 ppbv

RT: 3.976 min Scan# 41

Delta R.T. -0.029 min

Lab File: VL040565.D

Acq: 27 Jul 2023 7:30

Instrument :

MSVOA_L

ClientSampleId :

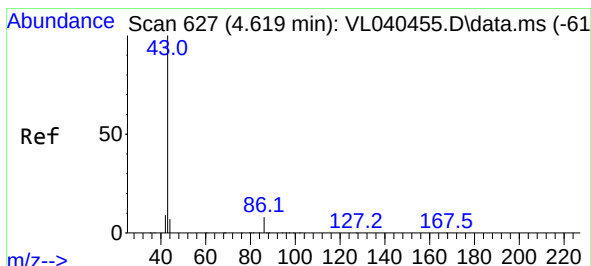
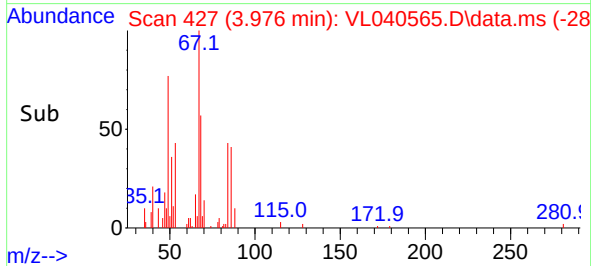
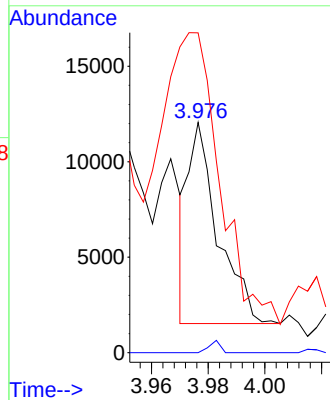
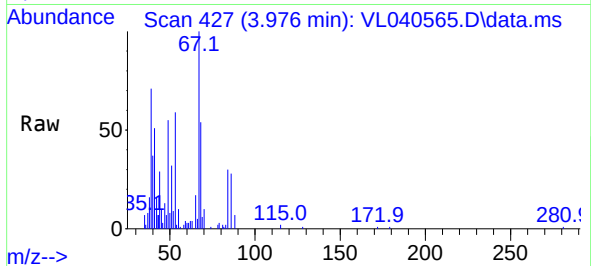
Tgt Ion: 41 Resp: 7727

Ion Ratio Lower Upper

41 100

76 0.0 24.8 37.2#

39 254.1 60.6 91.0#



#23

Vinyl Acetate

Concen: 1.296 ppbv

RT: 4.600 min Scan# 621

Delta R.T. -0.035 min

Lab File: VL040565.D

Acq: 27 Jul 2023 7:30

Tgt Ion: 43 Resp: 163149

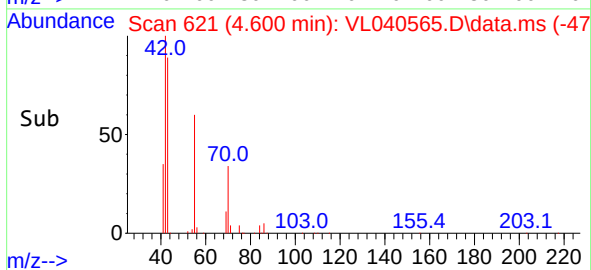
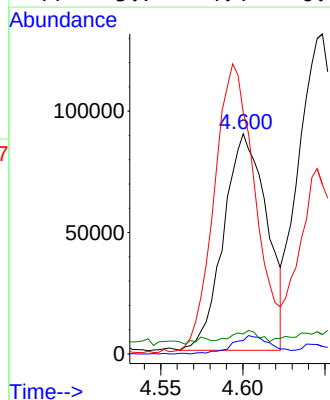
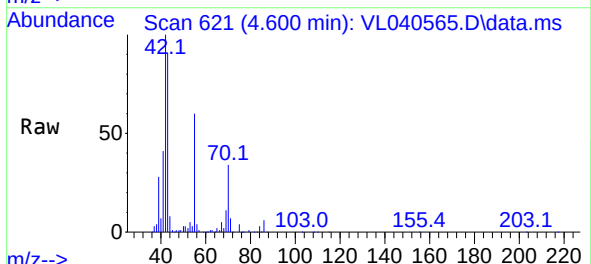
Ion Ratio Lower Upper

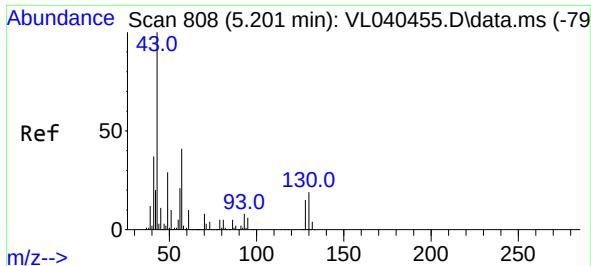
43 100

86 6.0 5.6 8.4

42 109.7 7.4 11.2#

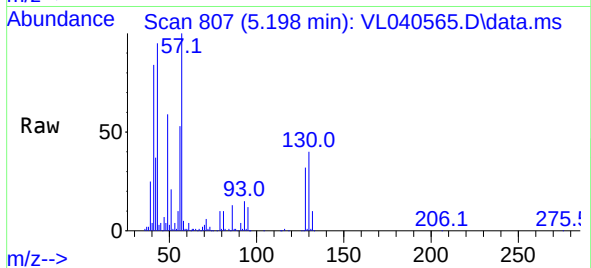
44 3.7 4.4 6.6#





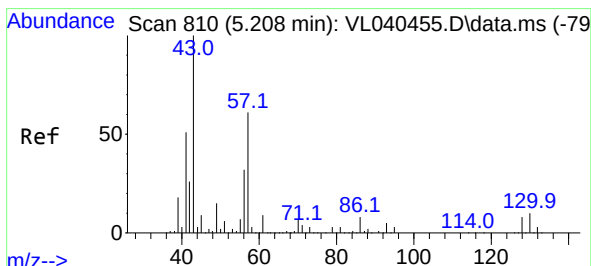
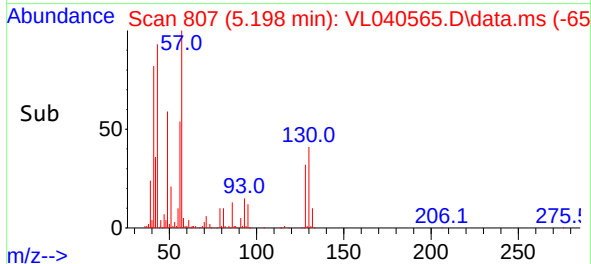
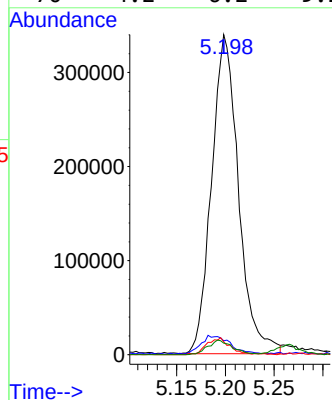
#25
Ethyl Acetate
Concen: 2.595 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 652896

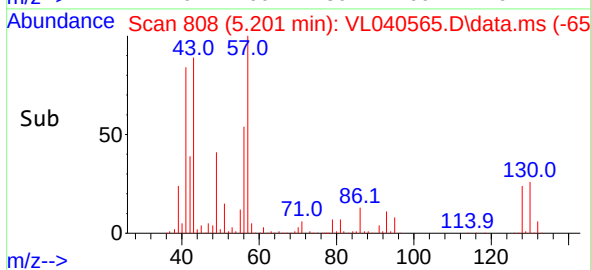
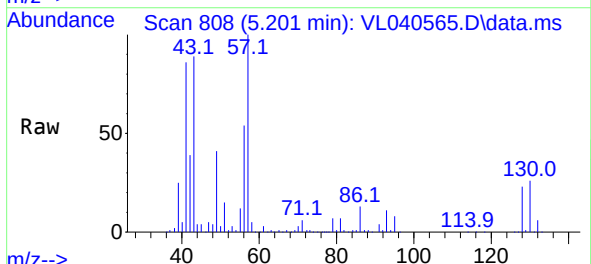
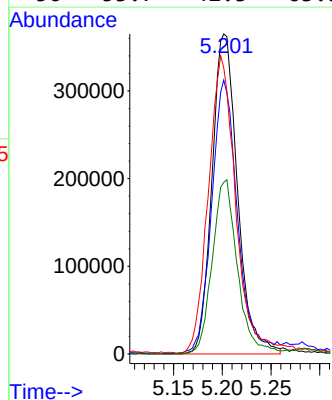
Ion	Ratio	Lower	Upper
43	100		
45	6.3	8.2	12.4#
61	4.7	8.3	12.5#
70	4.2	6.2	9.2#

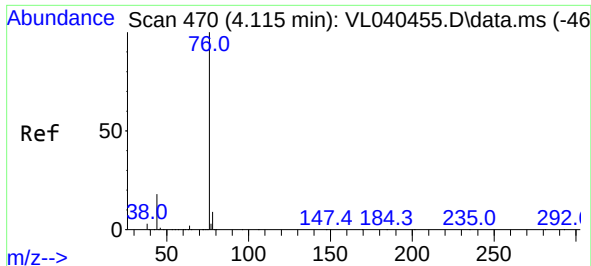


#26
Hexane
Concen: 5.693 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 57 Resp: 665494

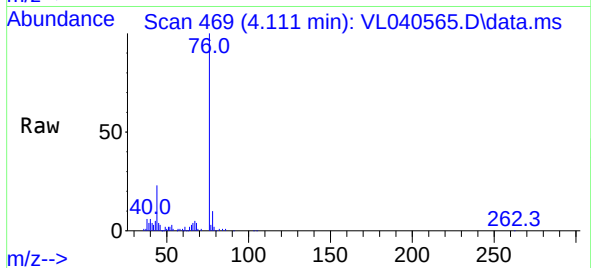
Ion	Ratio	Lower	Upper
57	100		
41	88.5	69.5	104.3
43	100.7	177.1	265.7#
56	53.7	42.3	63.5



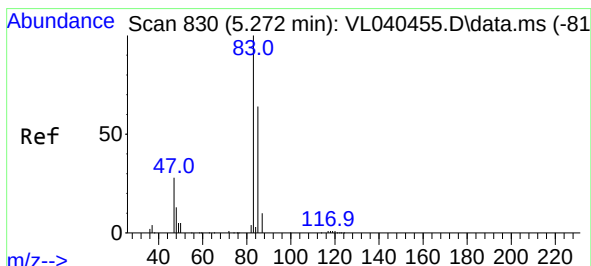
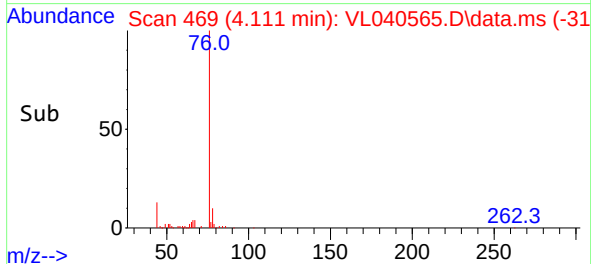
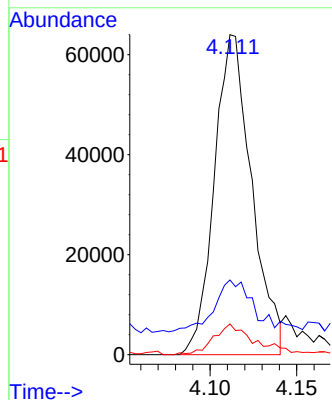


#27
Carbon Disulfide
Concen: 0.698 ppbv
RT: 4.111 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :

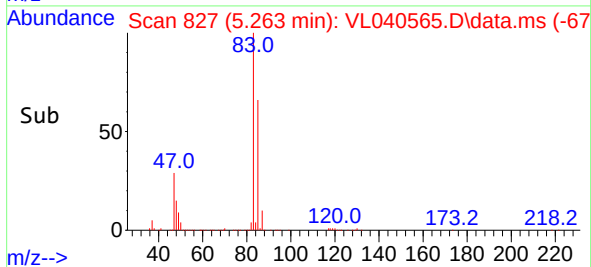
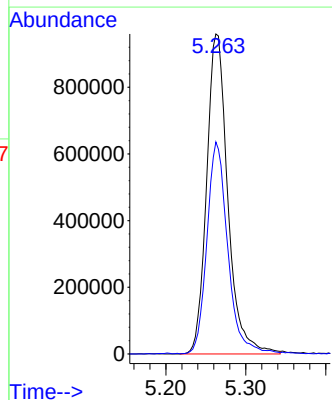
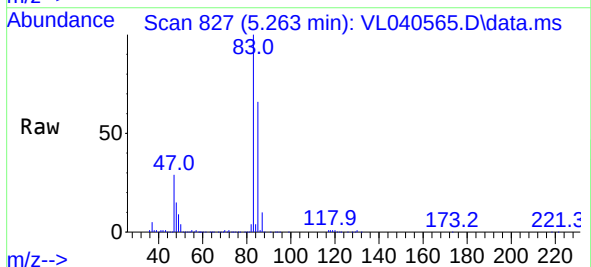


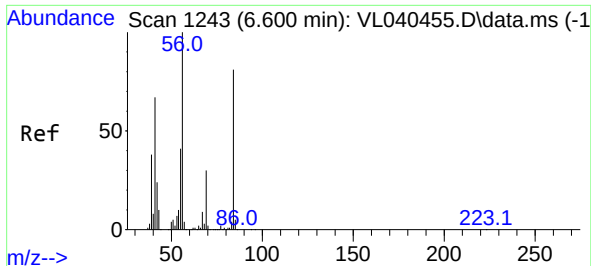
Tgt Ion: 76 Resp: 95982
Ion Ratio Lower Upper
76 100
44 18.8 15.1 22.7
78 12.4 7.5 11.3#



#29
Chloroform
Concen: 9.119 ppbv
RT: 5.263 min Scan# 827
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 83 Resp: 1767942
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7

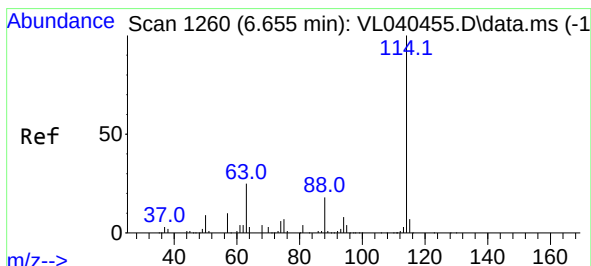
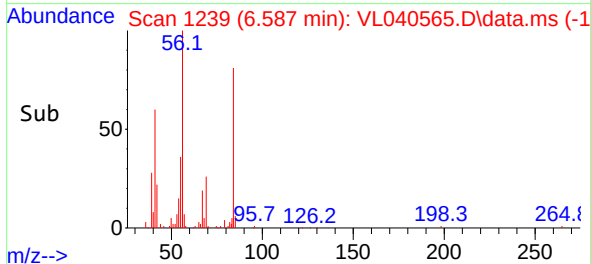
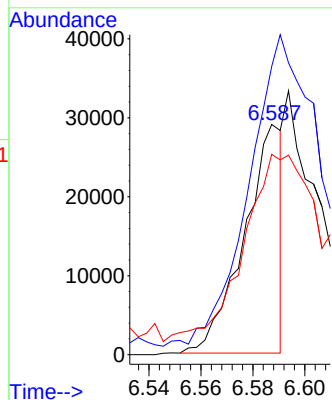
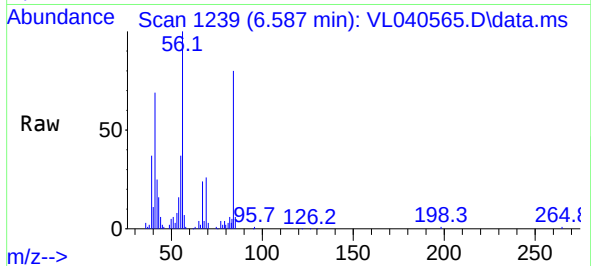




#30
Cyclohexane
Concen: 0.303 ppbv
RT: 6.587 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

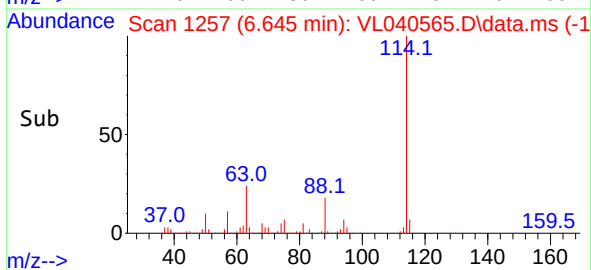
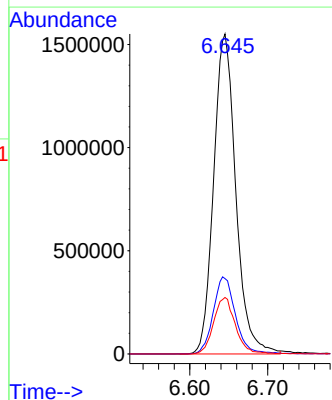
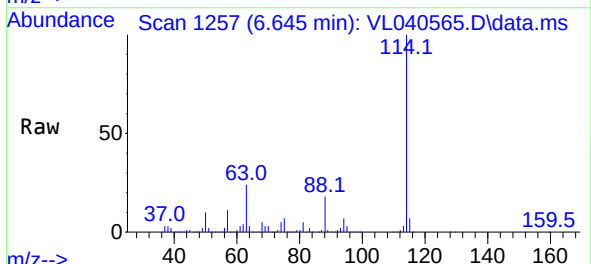
Instrument :
MSVOA_L
ClientSampleId :

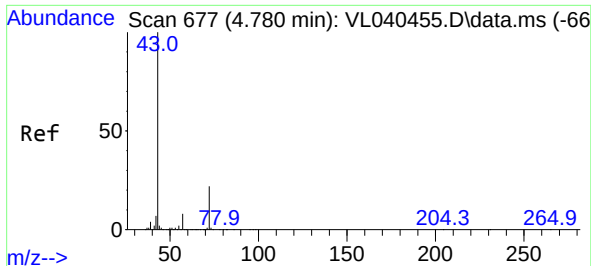
Tgt Ion: 84 Resp: 29496
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 205.2 64.5 96.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 114 Resp: 3062509
Ion Ratio Lower Upper
114 100
63 24.3 19.6 29.4
88 17.6 14.2 21.2

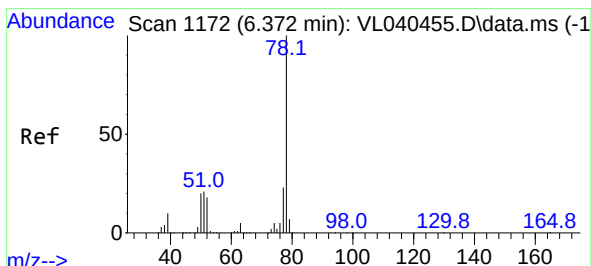
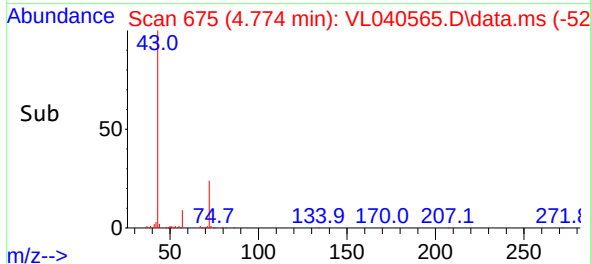
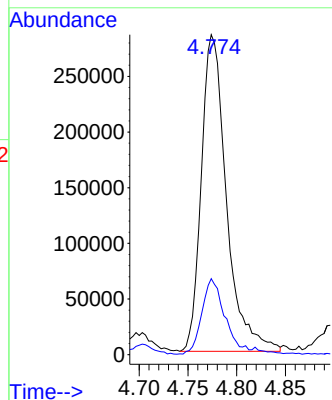
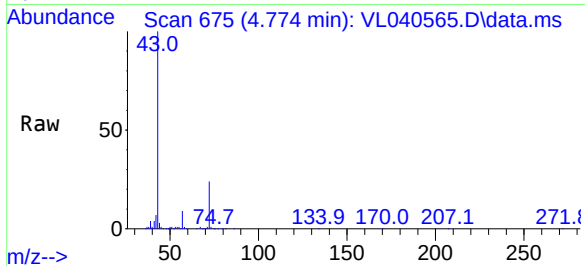




#34
2-Butanone
Concen: 3.374 ppbv
RT: 4.774 min Scan# 61
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

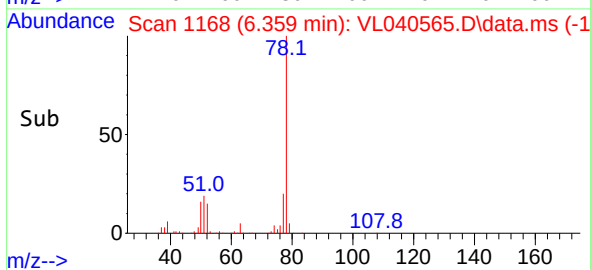
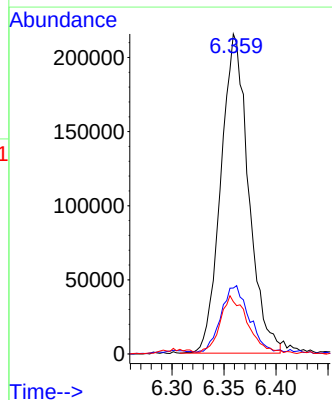
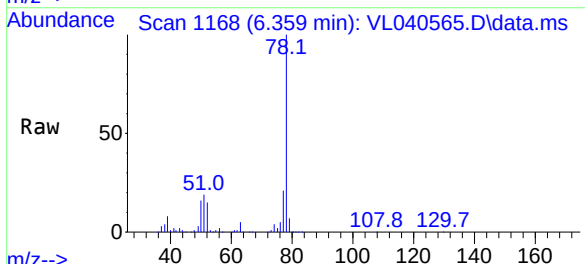
Instrument :
MSVOA_L
ClientSampleId :

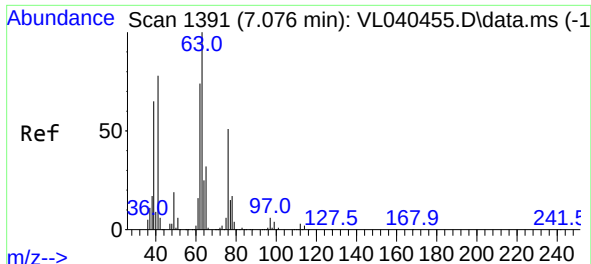
Tgt Ion: 43 Resp: 510653
Ion Ratio Lower Upper
43 100
72 23.8 19.1 28.7



#36
Benzene
Concen: 1.617 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 78 Resp: 398448
Ion Ratio Lower Upper
78 100
77 19.5 17.4 26.0
50 15.2 14.4 21.6

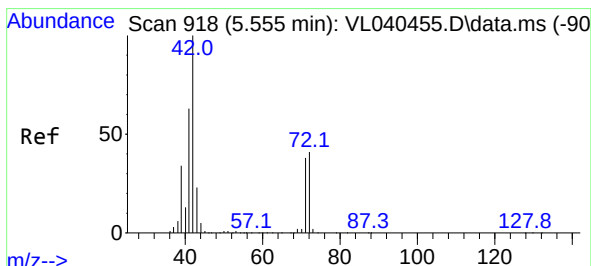
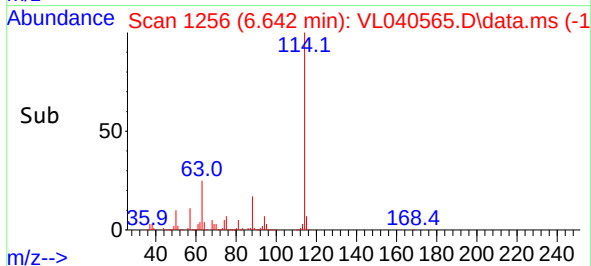
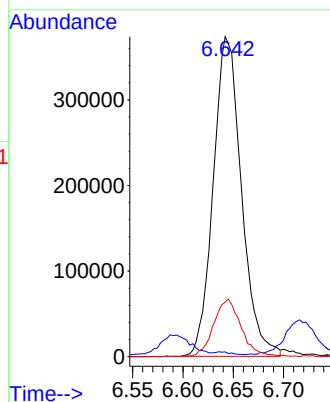
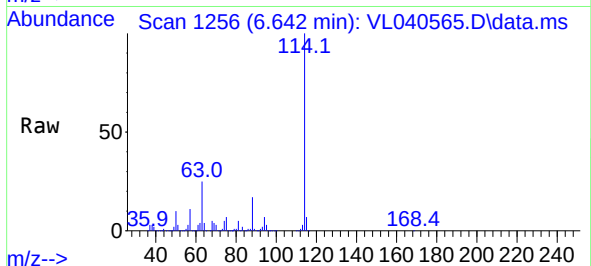




#39
1,2-Dichloropropane
Concen: 7.668 ppbv
RT: 6.642 min Scan# 11
Delta R.T. -0.441 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

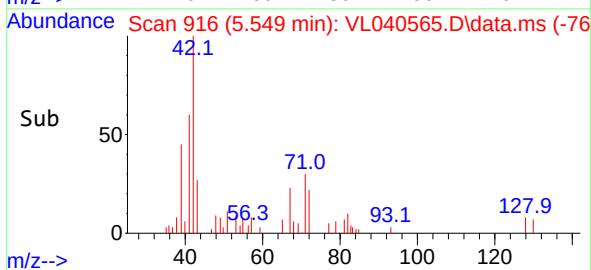
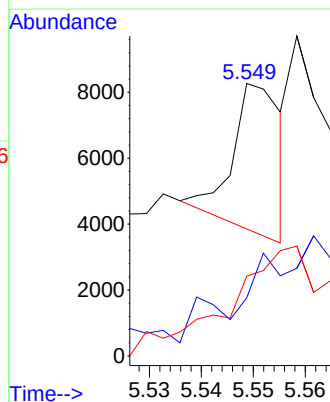
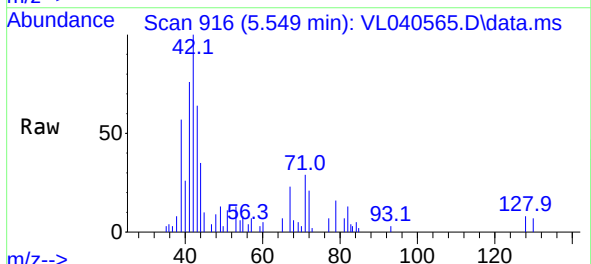
Instrument :
MSVOA_L
ClientSampleId :

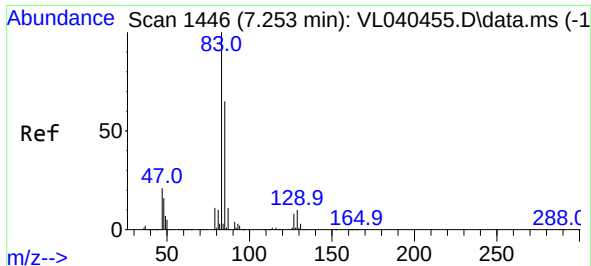
Tgt Ion: 63 Resp: 727374
Ion Ratio Lower Upper
63 100
41 0.0 54.3 81.5#
62 17.1 55.6 83.4#



#41
Tetrahydrofuran
Concen: 0.032 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 42 Resp: 2825
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.8#
71 0.0 33.0 49.6#

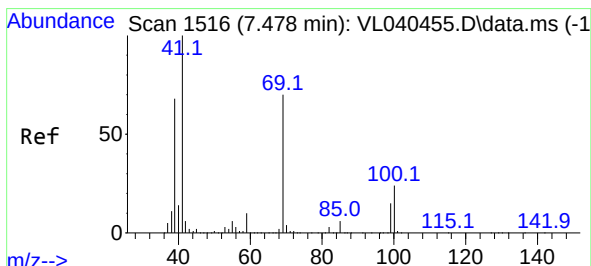
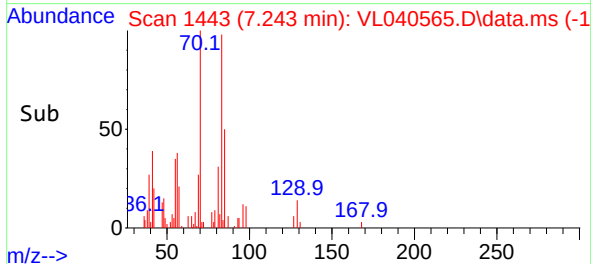
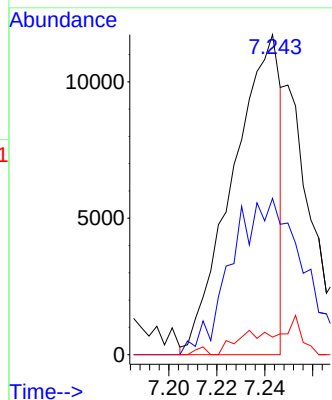
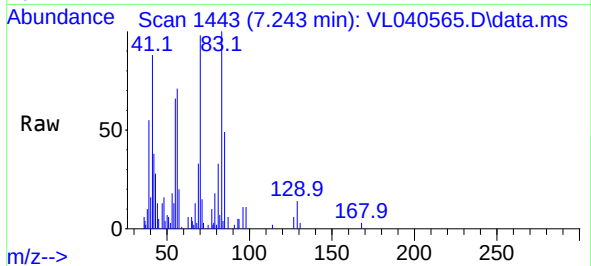




#42
Bromodichloromethane
Concen: 0.080 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

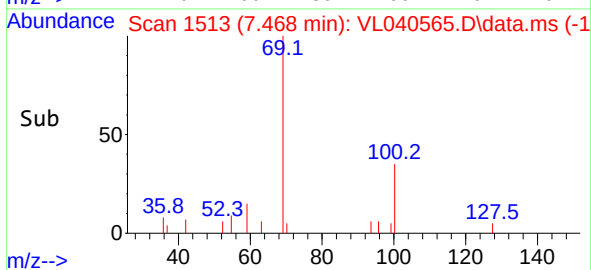
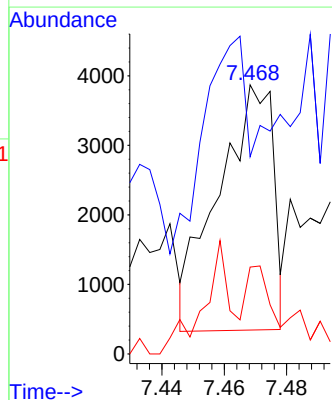
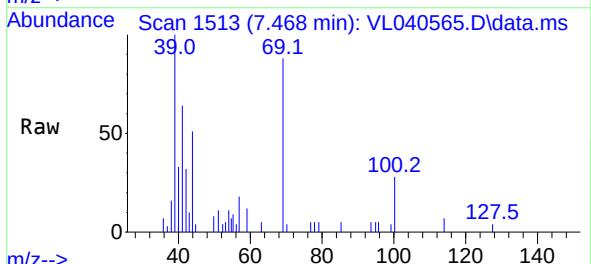
Instrument :
MSVOA_L
ClientSampleId :

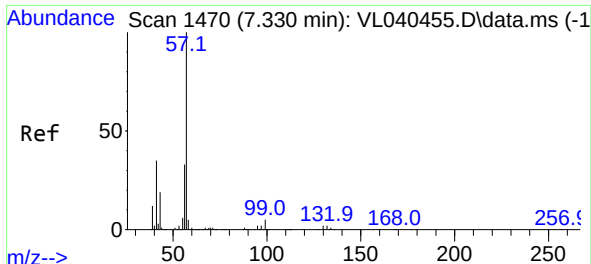
Tgt Ion: 83 Resp: 16165
Ion Ratio Lower Upper
83 100
85 50.0 51.1 76.7#
127 5.6 6.5 9.7#



#43
Methyl Methacrylate
Concen: 0.047 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 69 Resp: 4335
Ion Ratio Lower Upper
69 100
41 278.1 111.7 167.5#
100 48.4 26.9 40.3#





#44

2,2,4-Trimethylpentane

Concen: 0.246 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.019 min

Lab File: VL040565.D

Acq: 27 Jul 2023 7:30

Instrument :

MSVOA_L

ClientSampleId :

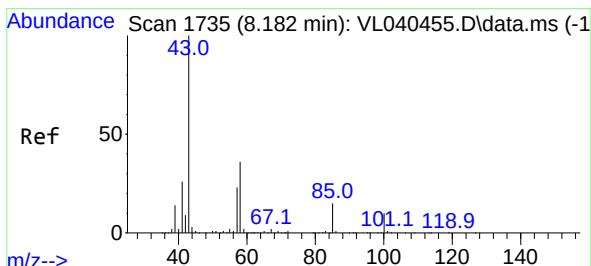
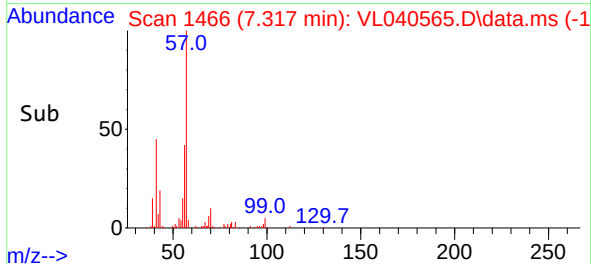
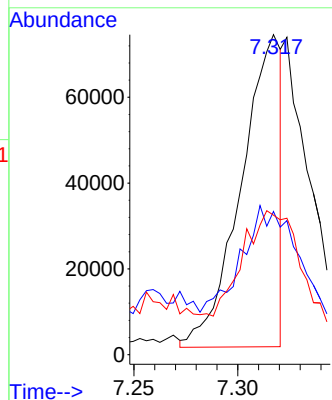
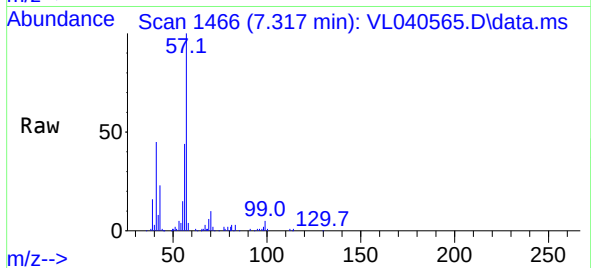
Tgt Ion: 57 Resp: 97673

Ion Ratio Lower Upper

57 100

41 88.8 25.5 38.3#

56 77.6 25.1 37.7#



#50

4-Methyl-2-Pentanone

Concen: 0.261 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.006 min

Lab File: VL040565.D

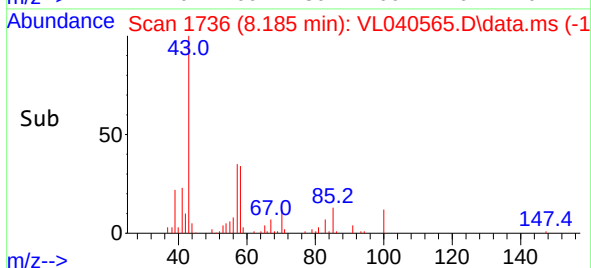
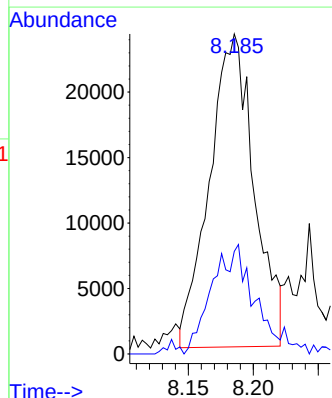
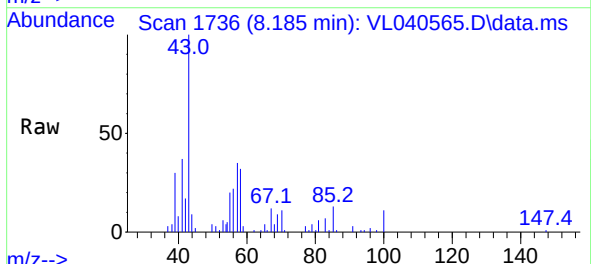
Acq: 27 Jul 2023 7:30

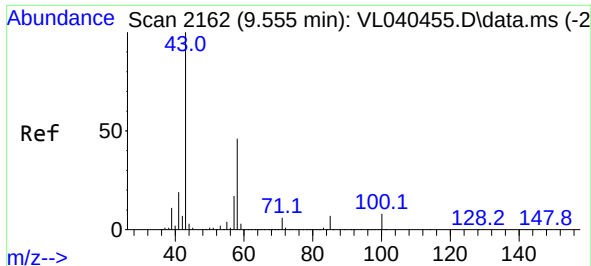
Tgt Ion: 43 Resp: 57312

Ion Ratio Lower Upper

43 100

58 36.2 30.2 45.2

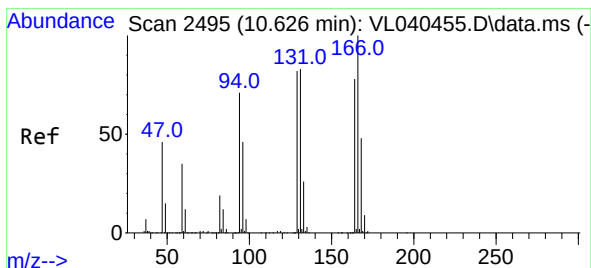
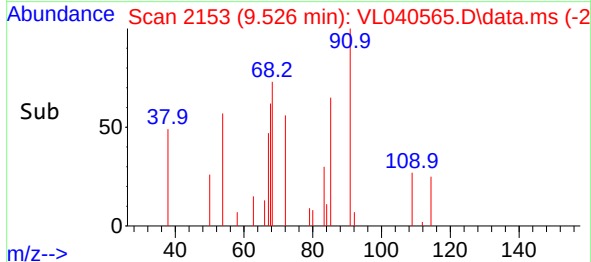
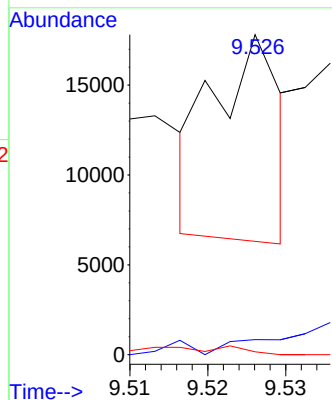
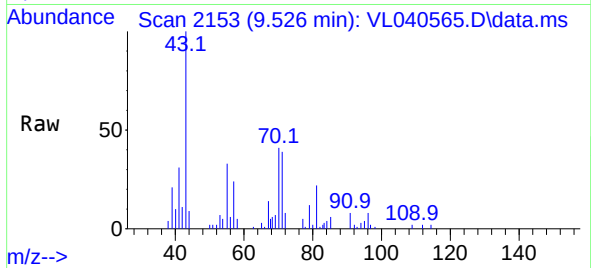




#51
2-Hexanone
Concen: 0.043 ppbv
RT: 9.526 min Scan# 2162
Delta R.T. -0.035 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

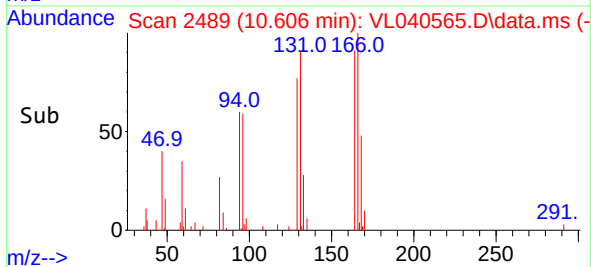
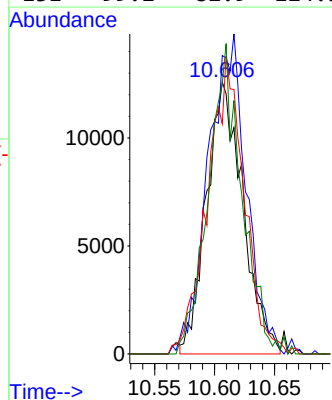
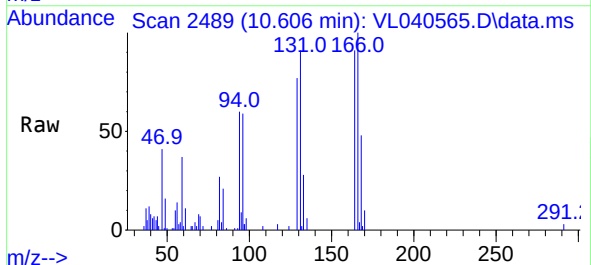
Instrument :
MSVOA_L
ClientSampleId :

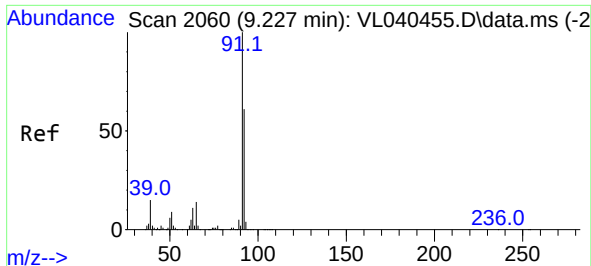
Tgt Ion: 43 Resp: 6748
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.334 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion:164 Resp: 26664
Ion Ratio Lower Upper
164 100
166 109.6 103.9 155.9
129 81.7 84.6 126.8#
131 99.2 82.9 124.3

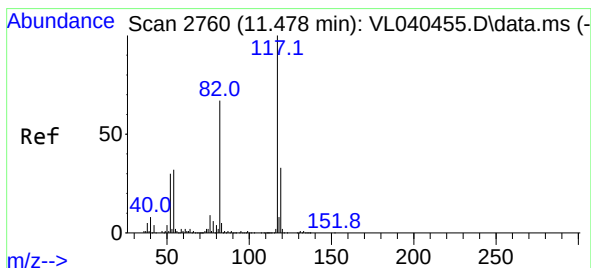
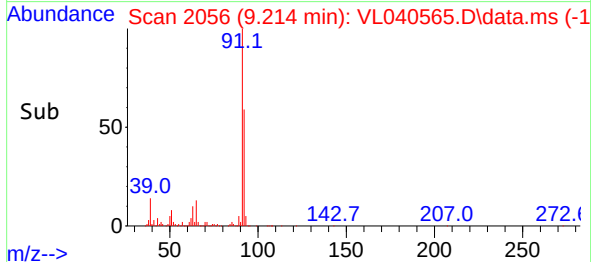
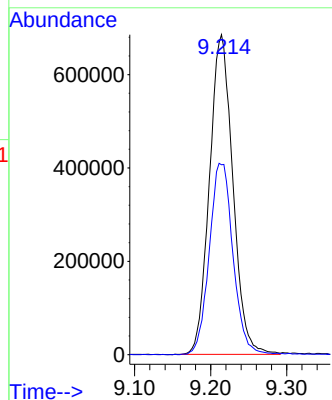
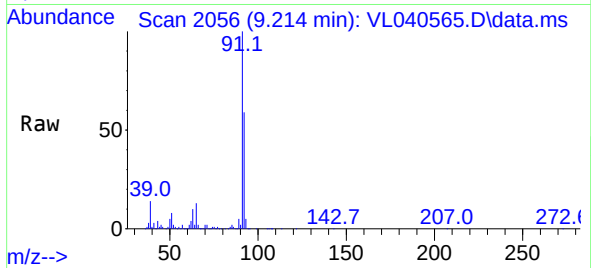




#53
Toluene
Concen: 5.466 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

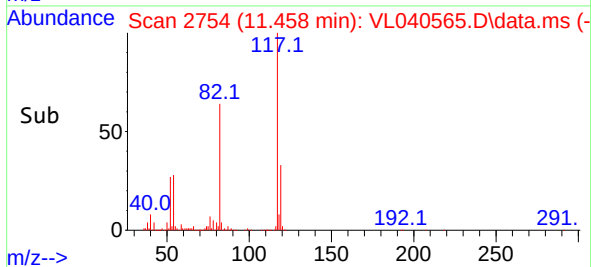
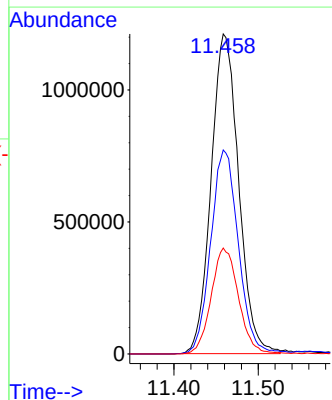
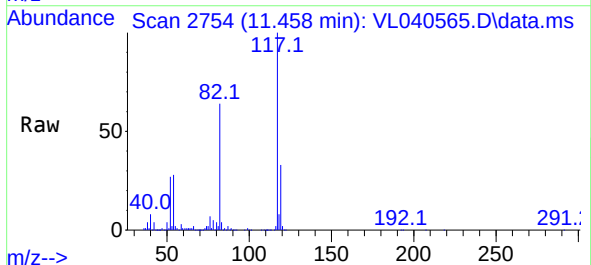
Instrument :
MSVOA_L
ClientSampleId :

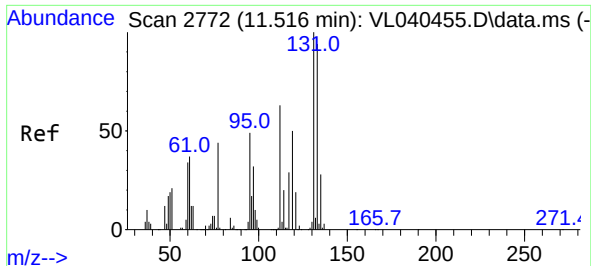
Tgt Ion: 91 Resp: 1463119
Ion Ratio Lower Upper
91 100
92 61.0 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

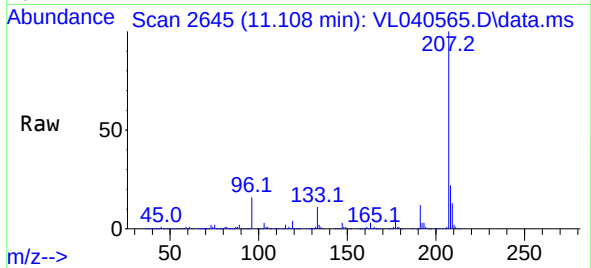
Tgt Ion: 117 Resp: 2748716
Ion Ratio Lower Upper
117 100
82 64.1 50.2 75.4
119 33.3 26.9 40.3



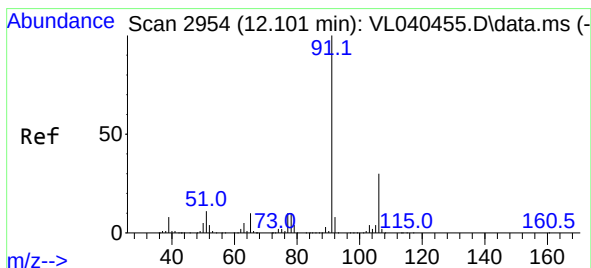
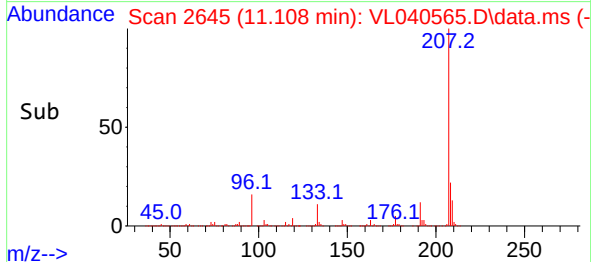
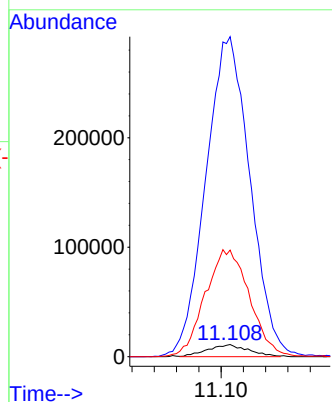


#56
1,1,1,2-Tetrachloroethane
Concen: 0.229 ppbv
RT: 11.108 min Scan# 211
Delta R.T. -0.412 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :

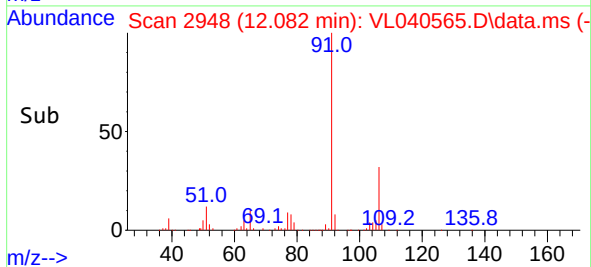
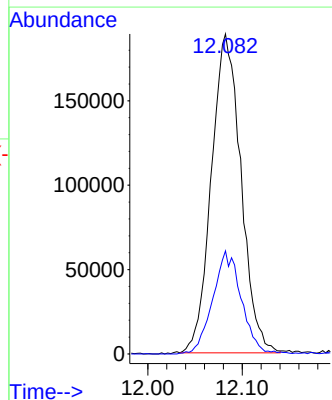
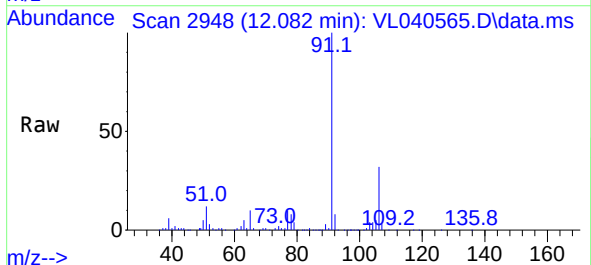


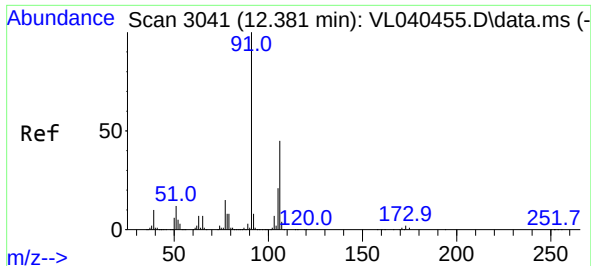
Tgt Ion:131 Resp: 28166
Ion Ratio Lower Upper
131 100
133 2871.5 76.3 114.5#
119 963.4 51.1 76.7#



#58
Ethyl Benzene
Concen: 1.190 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 91 Resp: 410393
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0





#59

m/p-Xylene

Concen: 4.127 ppbv

RT: 12.339 min Scan# 3041

Delta R.T. -0.045 min

Lab File: VL040565.D

Acq: 27 Jul 2023 7:30

Instrument :

MSVOA_L

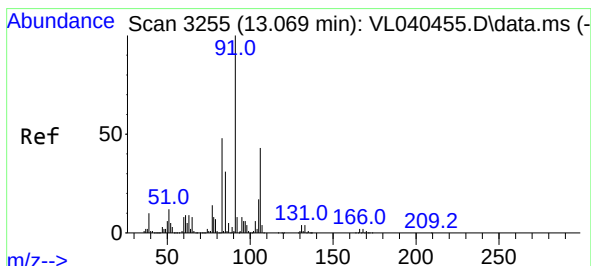
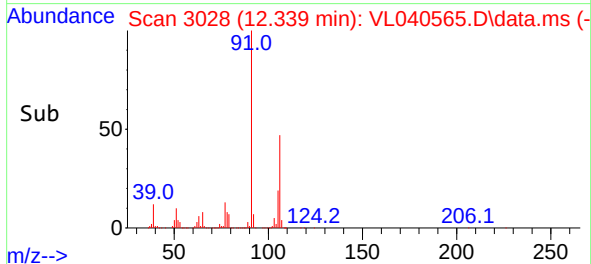
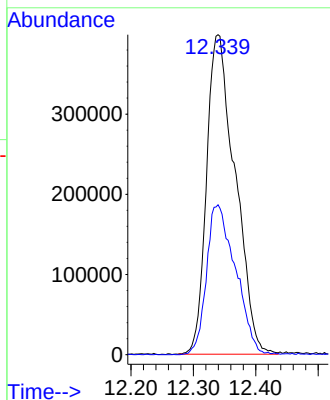
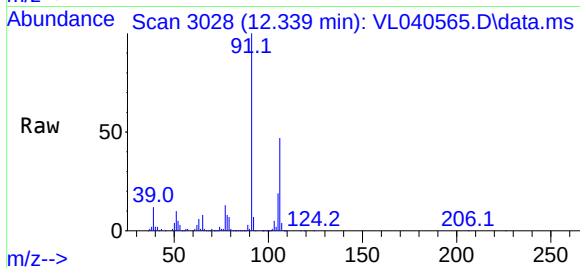
ClientSampleId :

Tgt Ion: 91 Resp: 1270477

Ion Ratio Lower Upper

91 100

106 47.7 35.9 53.9



#60

o-Xylene

Concen: 1.667 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.019 min

Lab File: VL040565.D

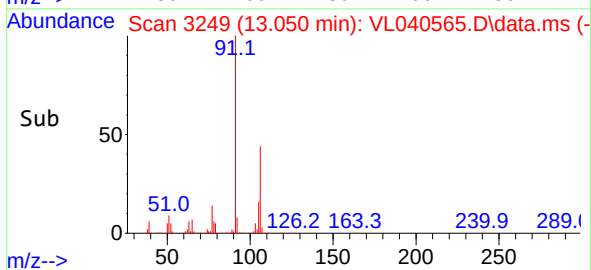
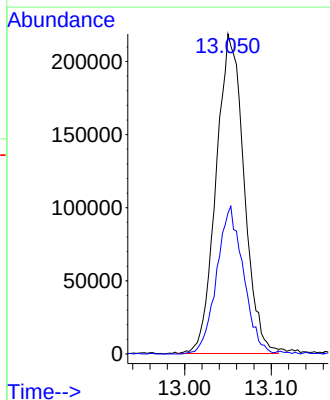
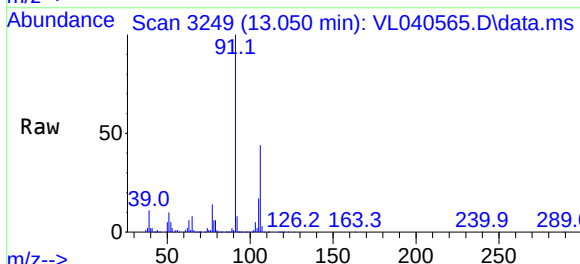
Acq: 27 Jul 2023 7:30

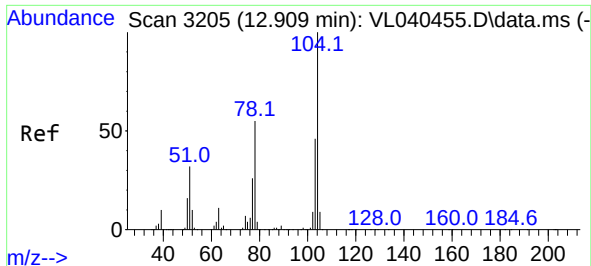
Tgt Ion: 91 Resp: 488808

Ion Ratio Lower Upper

91 100

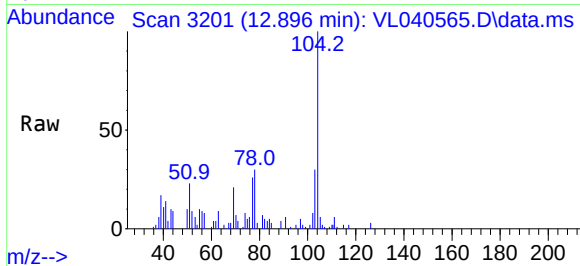
106 44.7 22.7 68.0



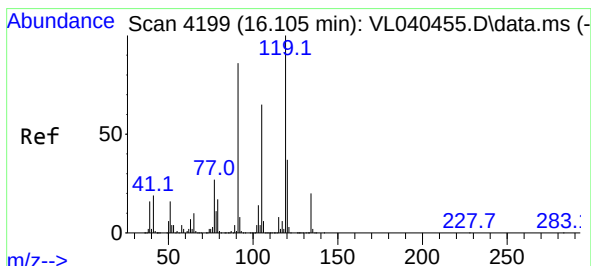
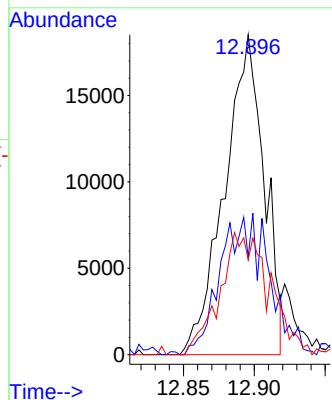
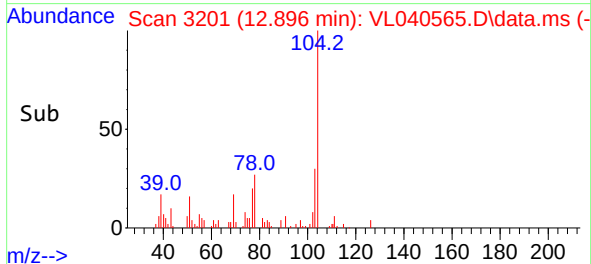


#61
Styrene
Concen: 0.267 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

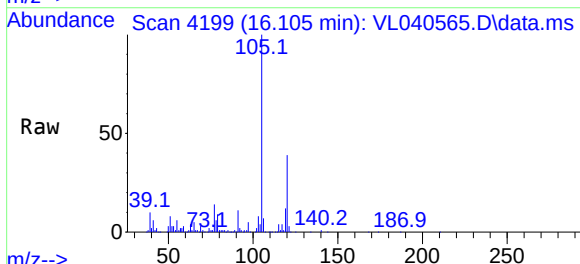
Instrument :
MSVOA_L
ClientSampleId :



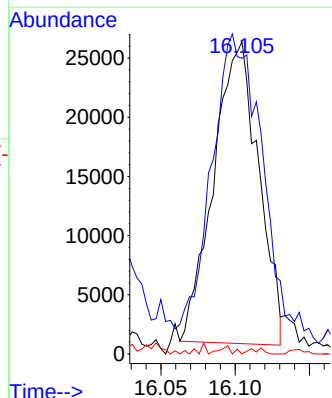
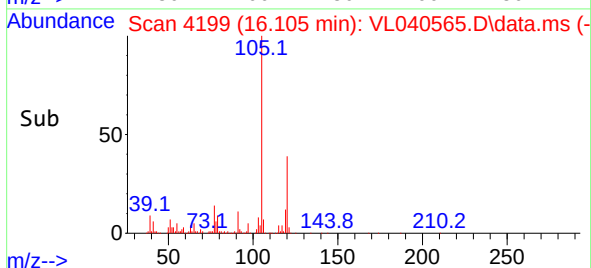
Tgt Ion:104 Resp: 36055
Ion Ratio Lower Upper
104 100
78 55.8 40.1 60.1
103 48.5 37.0 55.4

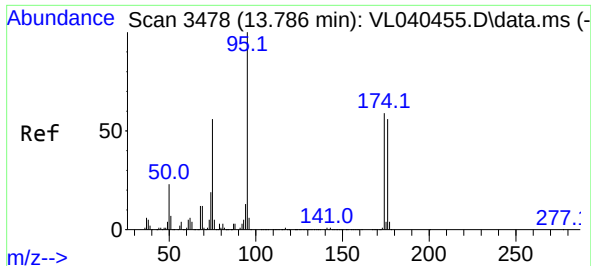


#65
tert-Butylbenzene
Concen: 0.138 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30



Tgt Ion:119 Resp: 53691
Ion Ratio Lower Upper
119 100
91 124.1 66.1 99.1#
134 1.6 15.7 23.5#

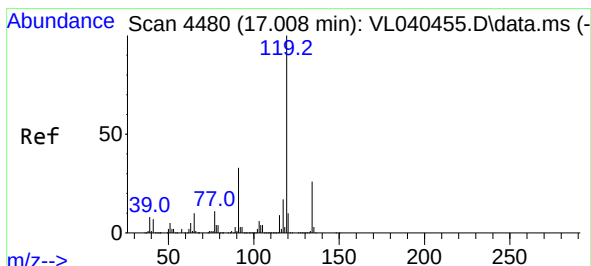
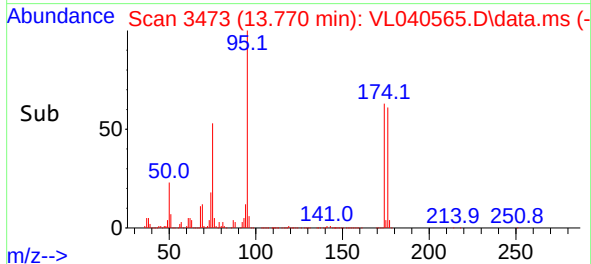
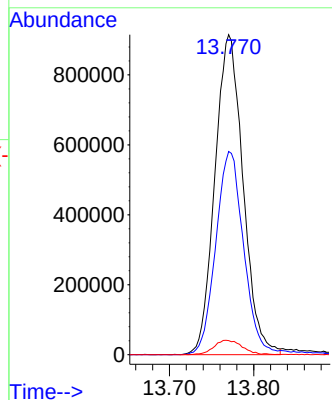
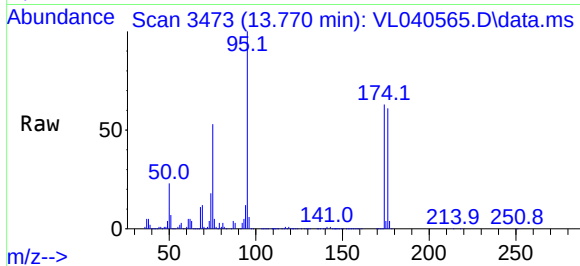




#68
1-Bromo-4-Fluorobenzene
Concen: 9.745 ppbv
RT: 13.770 min Scan# 3478
Delta R.T. -0.013 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

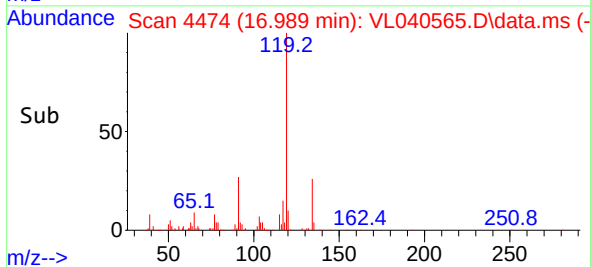
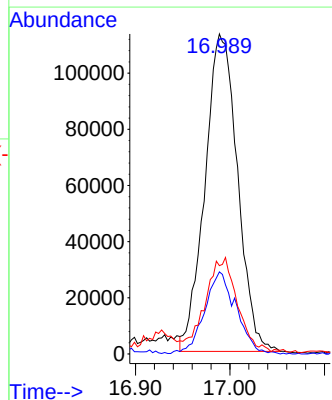
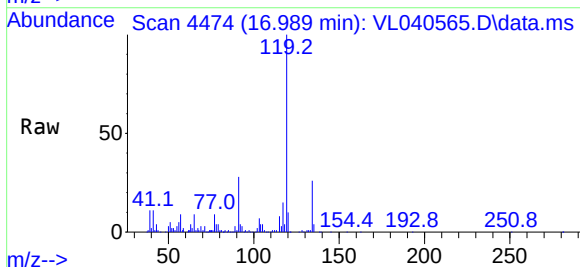
Instrument :
MSVOA_L
ClientSampleId :

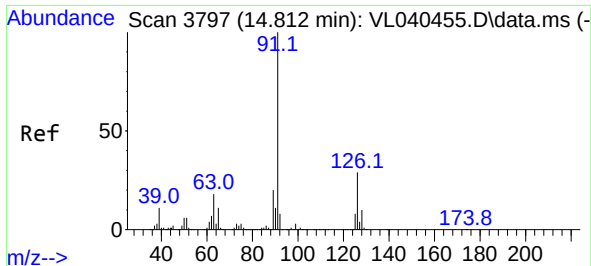
Tgt Ion: 95 Resp: 2120023
Ion Ratio Lower Upper
95 100
174 64.6 50.6 75.8
175 4.6 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.574 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.016 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 119 Resp: 271438
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 29.8 23.8 35.8

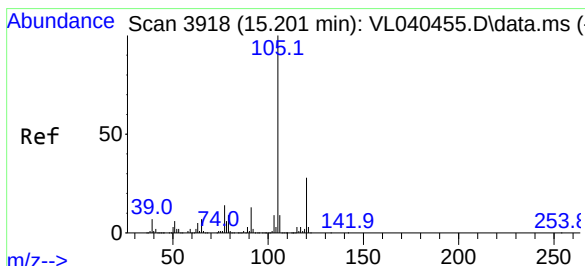
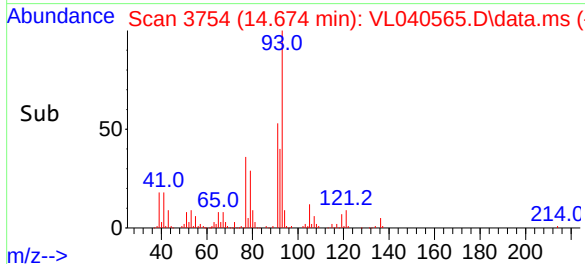
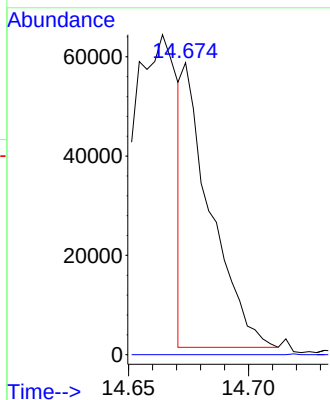
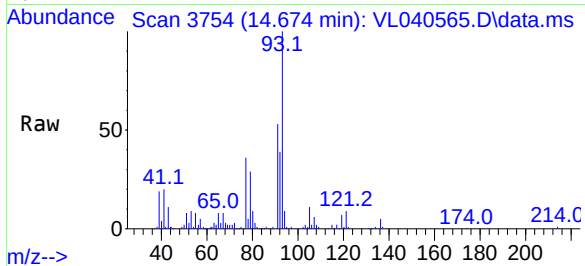




#71
2-Chlorotoluene
Concen: 0.137 ppbv
RT: 14.674 min Scan# 31
Delta R.T. -0.138 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

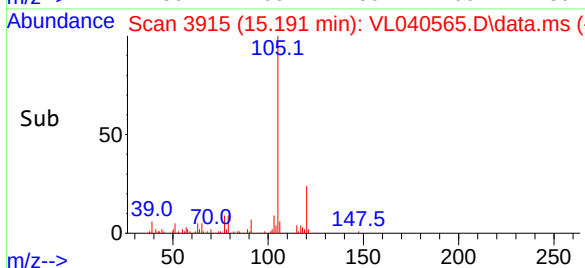
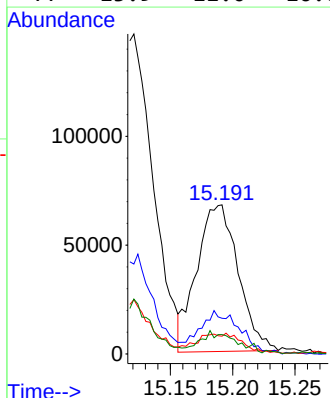
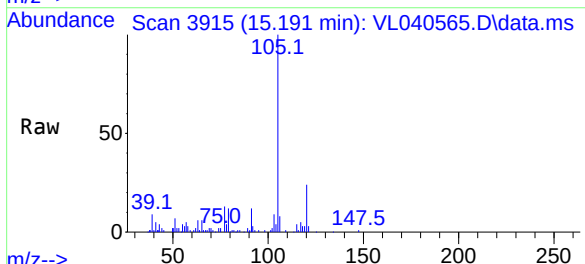
Instrument :
MSVOA_L
ClientSampleId :

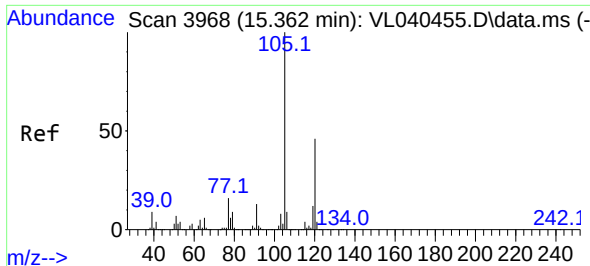
Tgt Ion: 91 Resp: 46575
Ion Ratio Lower Upper
91 100
126 0.7 12.4 49.8#



#72
4-Ethyltoluene
Concen: 0.454 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Tgt Ion: 105 Resp: 156223
Ion Ratio Lower Upper
105 100
120 28.1 24.6 37.0
91 15.0 10.7 16.1
77 13.9 11.0 16.6

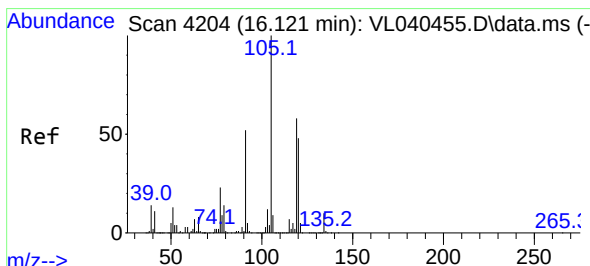
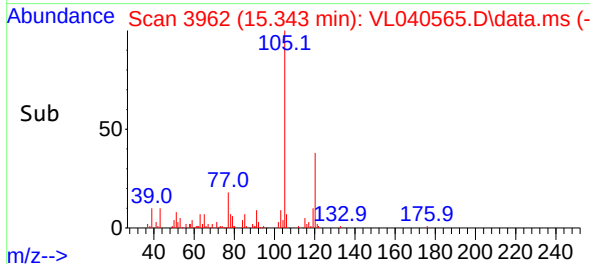
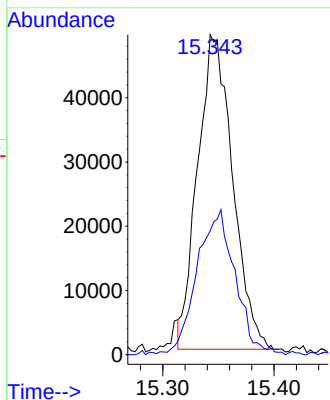
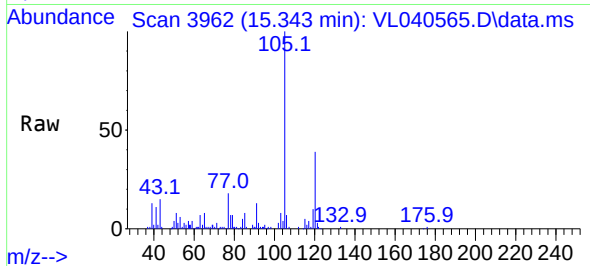




#73
1,3,5-Trimethylbenzene
Concen: 0.353 ppbv
RT: 15.343 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

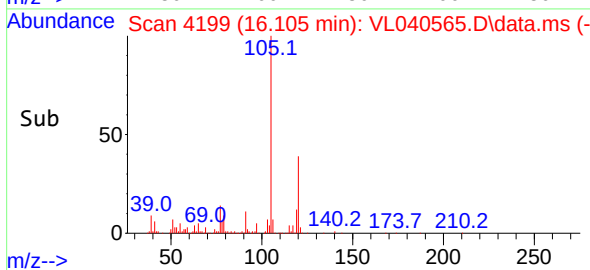
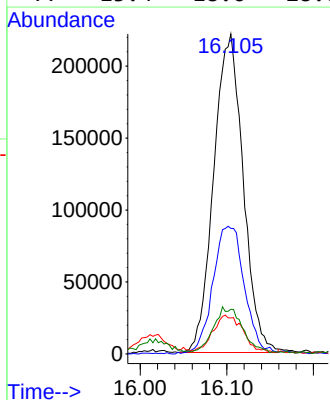
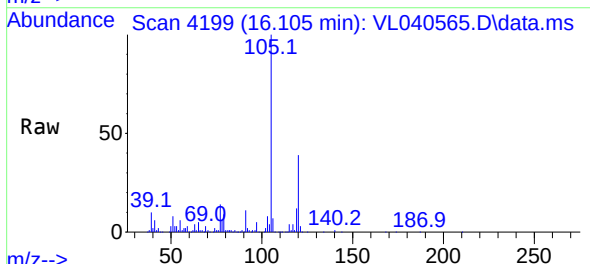
Instrument :
MSVOA_L
ClientSampleId :

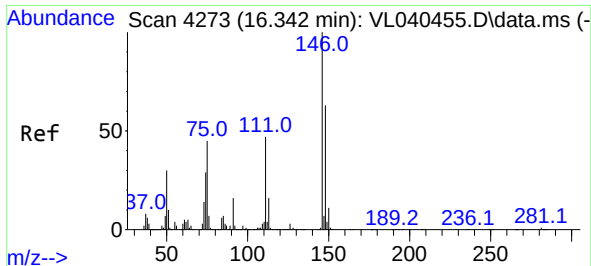
Tgt Ion:105 Resp: 107069
Ion Ratio Lower Upper
105 100
120 38.9 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 1.478 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

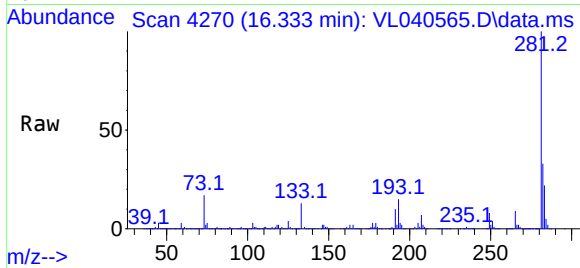
Tgt Ion:105 Resp: 522346
Ion Ratio Lower Upper
105 100
120 38.9 40.3 60.5#
91 10.7 46.8 70.2#
77 13.4 18.6 28.0#



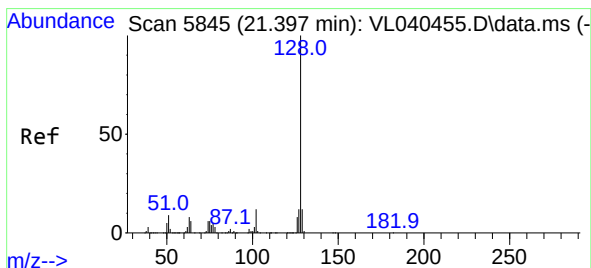
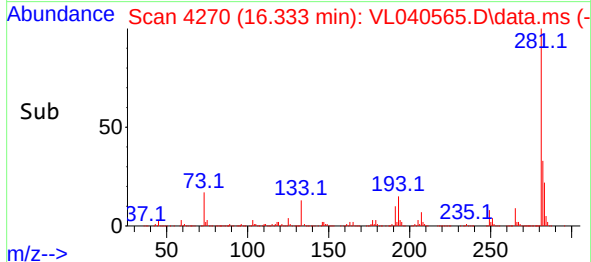
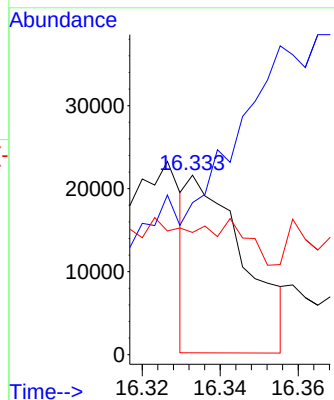


#75
1,3-Dichlorobenzene
Concen: 0.100 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :

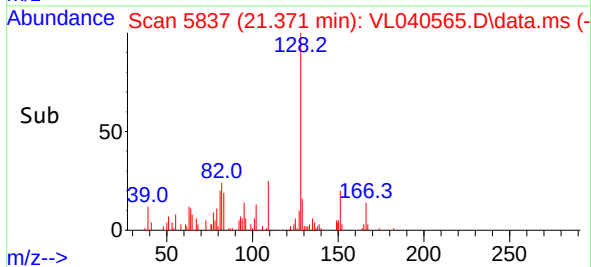
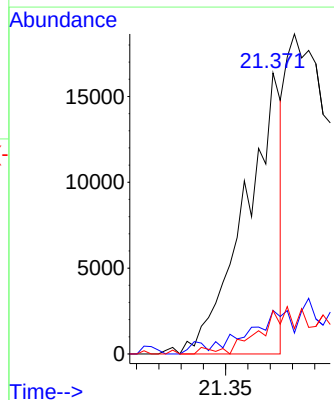
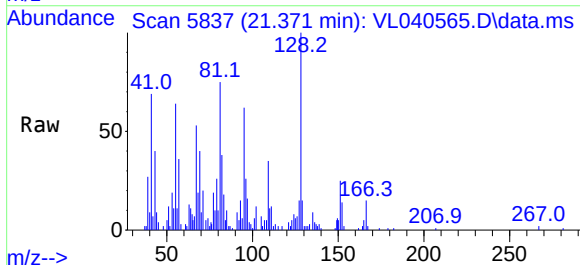


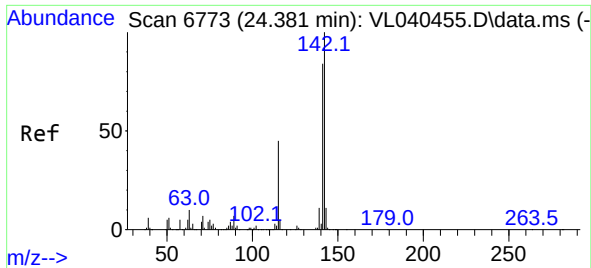
Tgt Ion:146 Resp: 21437
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#



#79
Naphthalene
Concen: 0.062 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.023 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

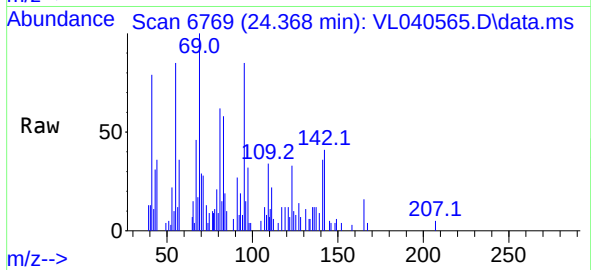
Tgt Ion:128 Resp: 18581
Ion Ratio Lower Upper
128 100
127 15.5 10.7 16.1
129 15.4 9.2 13.8#





#80
Naphthalene, 2-methyl-
Concen: 0.037 ppbv
RT: 24.368 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL040565.D
Acq: 27 Jul 2023 7:30

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	66.7	100.1
115	68.8	33.0	49.6

