

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040552.D
 Acq On : 26 Jul 2023 22:39
 Operator : SY/MD
 Sample : 03730-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 01:52:53 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	5.176	49	1085161	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2822614	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2747685	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2845836	13.087	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	130.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	27976	0.129	ppbv #	82
3) Chlorodifluoromethane	2.655	51	11623	0.068	ppbv #	91
9) Propene	2.681	41	144948	2.462	ppbv #	81
10) Heptane	7.568	43	770752	5.928	ppbv	99
11) Trichlorofluoromethane	3.546	101	14928	0.085	ppbv	99
13) Ethanol	3.218	45	228370	17.825	ppbv	95
15) Acetone	3.443	43	5405237	43.273	ppbv	97
16) 1,3-Butadiene	2.996	39	33211	0.527	ppbv #	11
17) tert-Butyl alcohol	3.861	59	304565	2.357	ppbv	99
19) Isopropyl Alcohol	3.558	45	74704	1.042	ppbv #	96
20) Methylene Chloride	3.915	84	39579	0.745	ppbv	95
23) Vinyl Acetate	4.597	43	102405	0.861	ppbv #	49
25) Ethyl Acetate	5.195	43	386371	1.625	ppbv #	77
26) Hexane	5.195	57	579664	5.247	ppbv #	41
27) Carbon Disulfide	4.108	76	190219	1.464	ppbv	98
29) Chloroform	5.259	83	30936	0.169	ppbv	96
30) Cyclohexane	6.584	84	232525	2.529	ppbv	93
34) 2-Butanone	4.767	43	1545186	11.079	ppbv	99
36) Benzene	6.356	78	148740	0.655	ppbv	98
39) 1,2-Dichloropropane	6.639	63	691710	7.912	ppbv #	27
41) Tetrahydrofuran	5.558	42	4786	0.059	ppbv #	1
42) Bromodichloromethane	7.237	83	30321	0.163	ppbv #	30
43) Methyl Methacrylate	7.555	69	8087	0.095	ppbv #	1
44) 2,2,4-Trimethylpentane	7.311	57	64854	0.177	ppbv #	1
50) 4-Methyl-2-Pentanone	8.169	43	1556713	7.682	ppbv	98
51) 2-Hexanone	9.526	43	713624	4.980	ppbv #	40
53) Toluene	9.208	91	883029	3.579	ppbv	98
57) Chlorobenzene	11.504	112	7359	0.034	ppbv #	52
58) Ethyl Benzene	12.079	91	522428	1.515	ppbv	98
59) m/p-Xylene	12.333	91	695091	2.259	ppbv	97
60) o-Xylene	13.050	91	409485	1.397	ppbv	98
61) Styrene	12.889	104	7473	0.055	ppbv #	1
62) Isopropylbenzene	14.024	105	146106	0.332	ppbv	95
63) 1,1,2,2-Tetrachloroethane	13.147	83	423702	2.064	ppbv #	24
64) n-propylbenzene	14.902	120	4470	0.039	ppbv #	1
66) Benzyl Chloride	16.307	91	2173	0.079	ppbv #	63
67) sec-Butylbenzene	16.629	105	40529	0.071	ppbv #	79
69) p-Isopropyltoluene	16.979	119	20559	0.044	ppbv #	1
71) 2-Chlorotoluene	14.912	91	114879	0.339	ppbv	87
72) 4-Ethyltoluene	15.182	105	32627	0.095	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.349	105	99981	0.330	ppbv	89
74) 1,2,4-Trimethylbenzene	16.098	105	136600	0.387	ppbv #	72
75) 1,3-Dichlorobenzene	16.323	146	78123	0.365	ppbv #	38

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

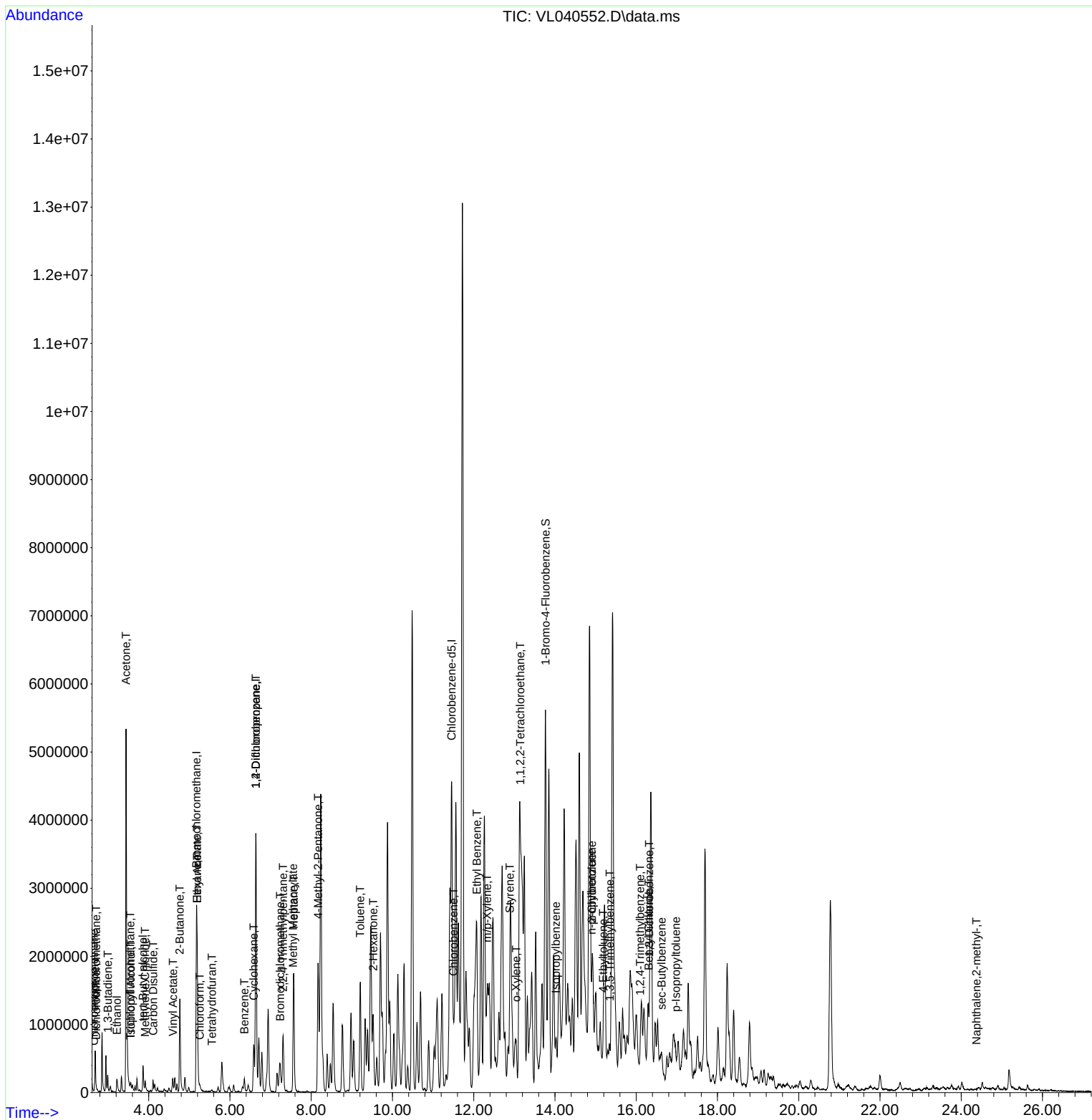
Instrument :
MSVOA_L
ClientSampleId :

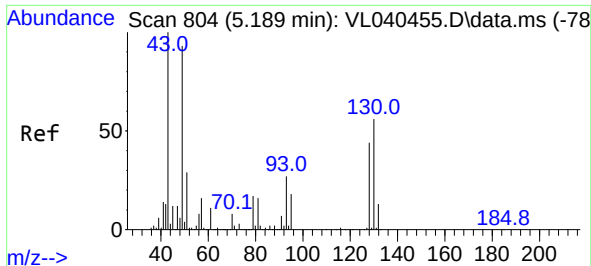
Quant Time: Jul 27 01:52:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	24.378	142	3832	0.031	ppbv	# 86

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

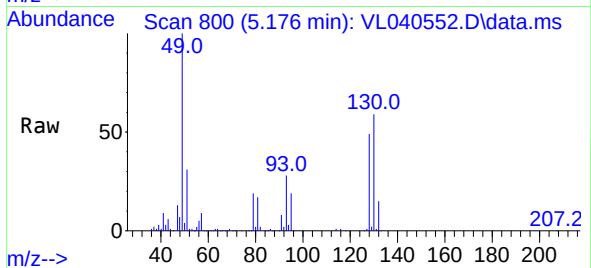
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration



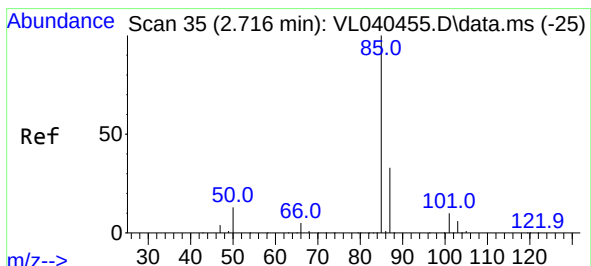
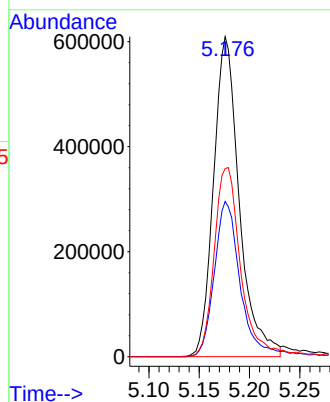
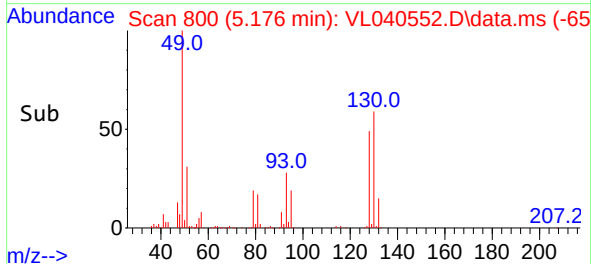


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Instrument :
MSVOA_L
ClientSampleId :

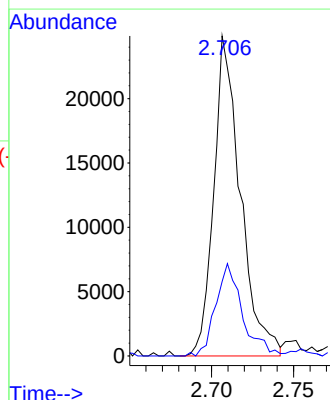
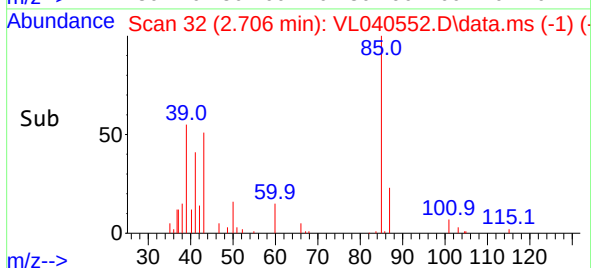
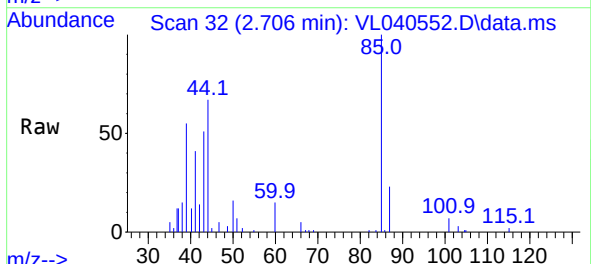


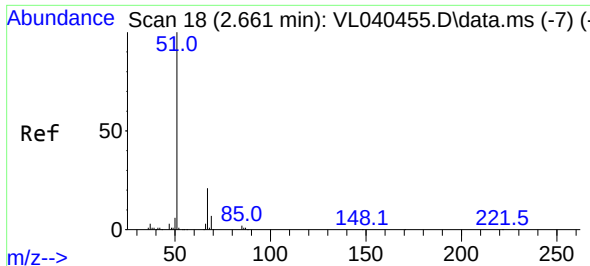
Tgt Ion: 49 Resp: 1085161
Ion Ratio Lower Upper
49 100
128 50.3 25.1 75.4
130 62.5 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.129 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.032 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 85 Resp: 27976
Ion Ratio Lower Upper
85 100
87 23.3 26.8 40.2#

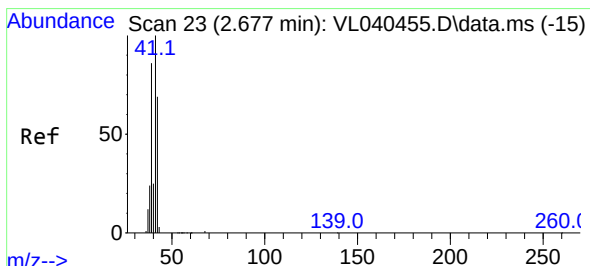
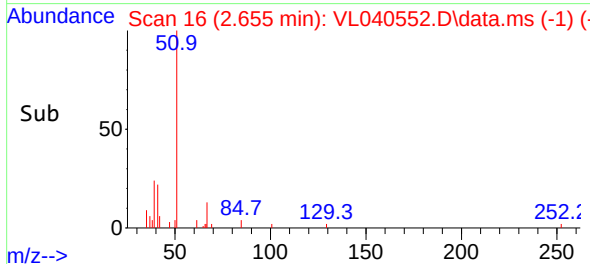
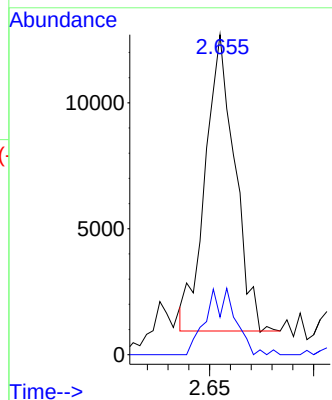
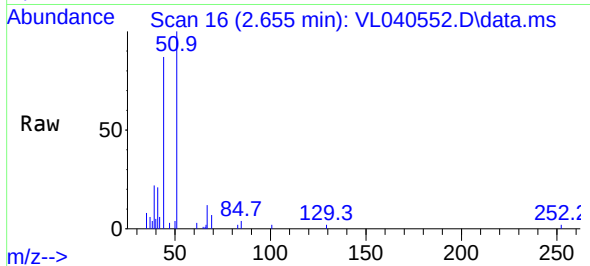




#3
Chlorodifluoromethane
Concen: 0.068 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

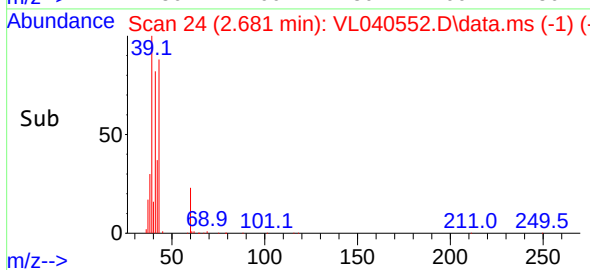
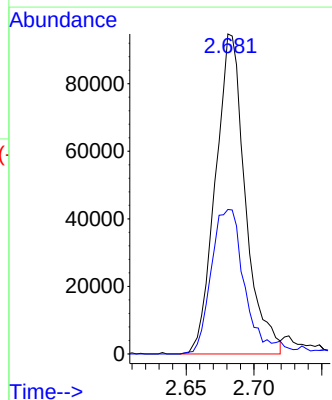
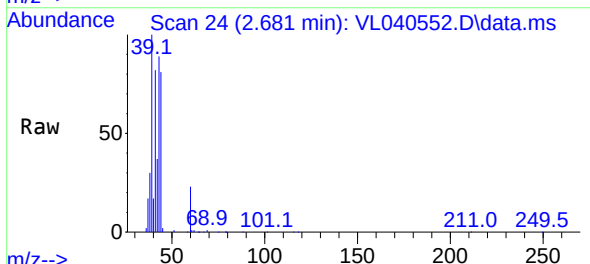
Instrument :
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ClientSampleId :

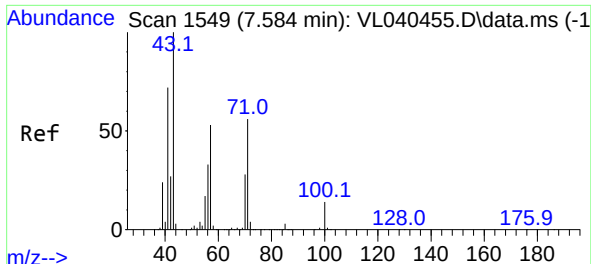
Tgt Ion: 51 Resp: 11623
Ion Ratio Lower Upper
51 100
67 22.1 14.6 21.8#



#9
Propene
Concen: 2.462 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.023 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 41 Resp: 144948
Ion Ratio Lower Upper
41 100
42 53.0 55.0 82.6#

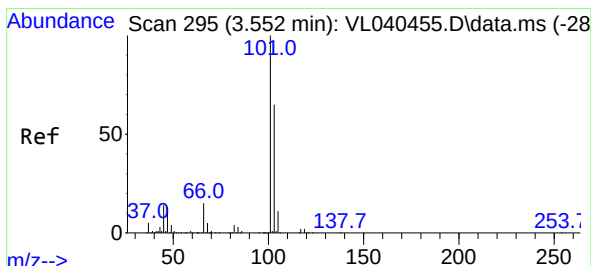
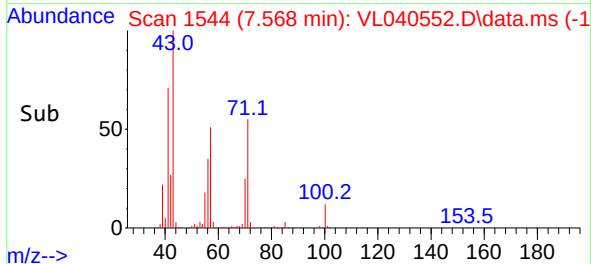
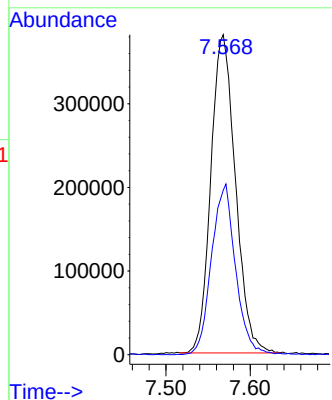
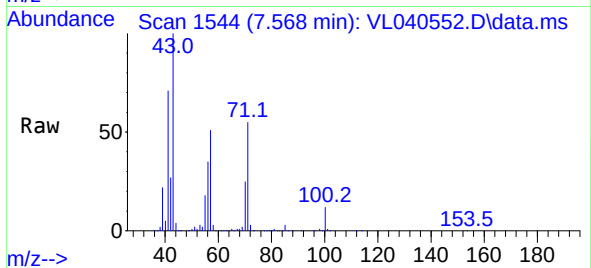




#10
Heptane
Concen: 5.928 ppbv
RT: 7.568 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

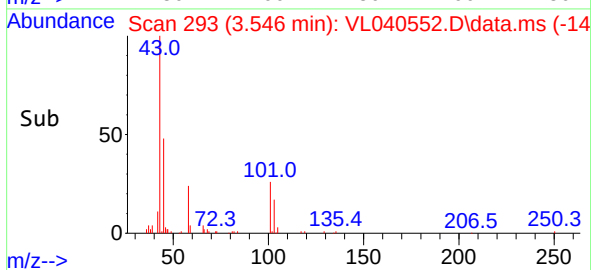
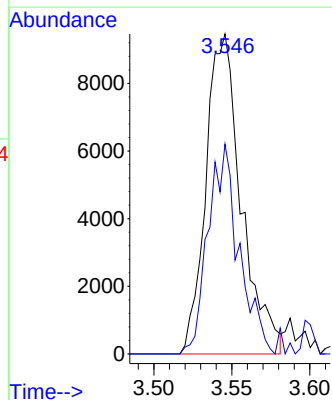
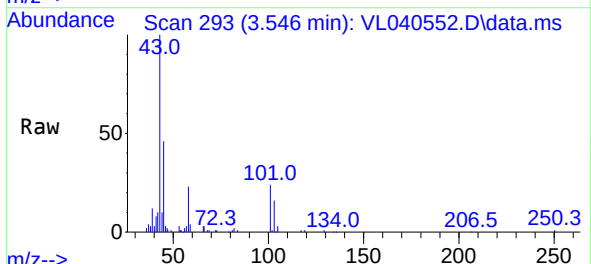
Instrument :
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ClientSampleId :

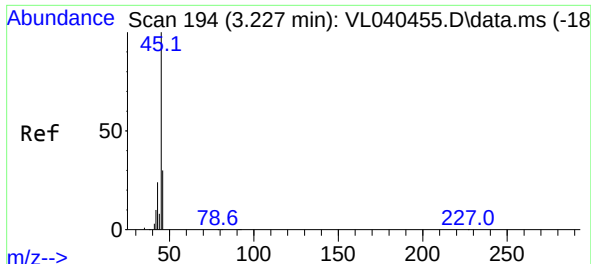
Tgt Ion: 43 Resp: 770752
Ion Ratio Lower Upper
43 100
57 52.5 42.5 63.7



#11
Trichlorofluoromethane
Concen: 0.085 ppbv
RT: 3.546 min Scan# 293
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion:101 Resp: 14928
Ion Ratio Lower Upper
101 100
103 65.5 53.4 80.0

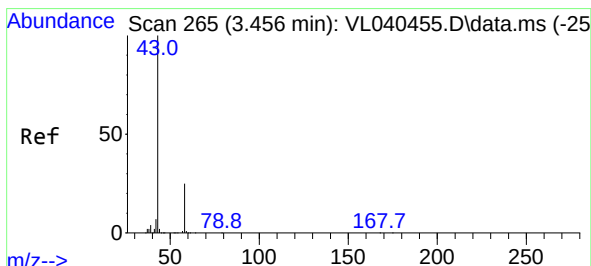
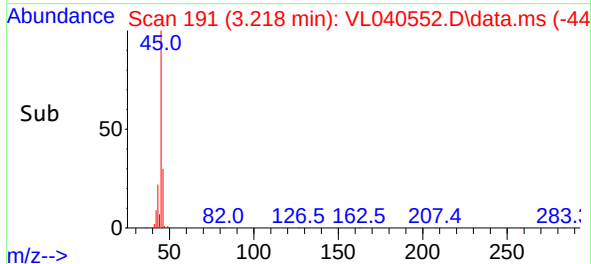
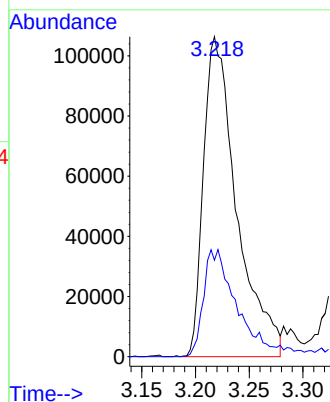
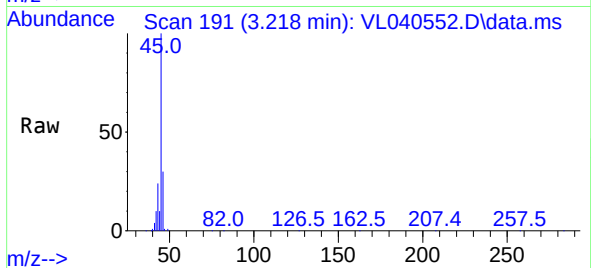




#13
Ethanol
Concen: 17.825 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.029 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

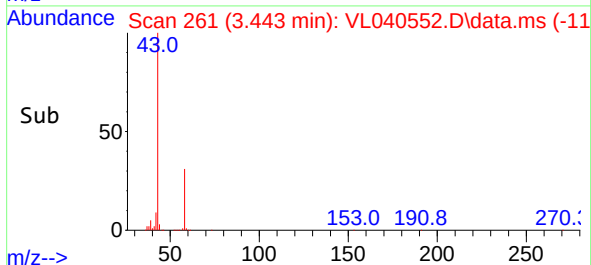
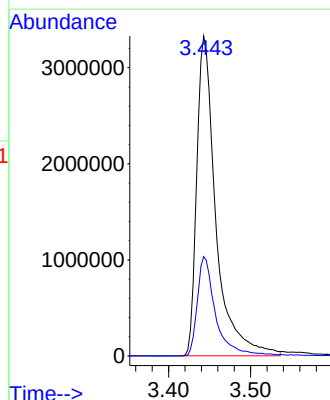
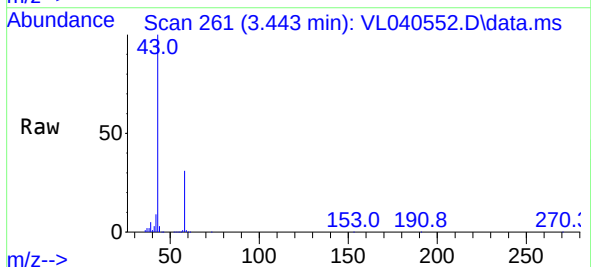
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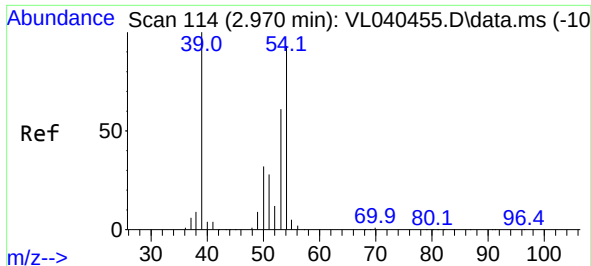
Tgt Ion: 45 Resp: 228370
Ion Ratio Lower Upper
45 100
46 35.0 15.3 61.1



#15
Acetone
Concen: 43.273 ppbv
RT: 3.443 min Scan# 261
Delta R.T. -0.032 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 43 Resp: 5405237
Ion Ratio Lower Upper
43 100
58 30.4 22.9 34.3





#16

1,3-Butadiene

Concen: 0.527 ppbv

RT: 2.996 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

Instrument :

MSVOA_L

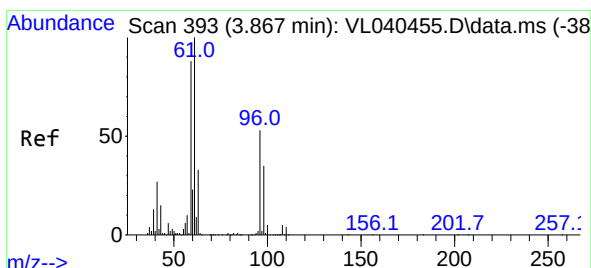
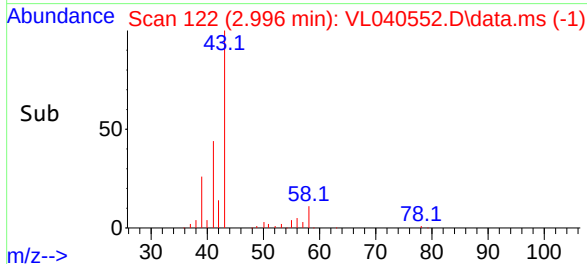
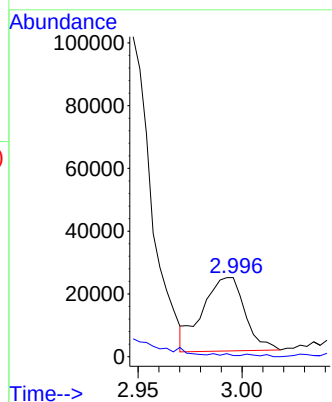
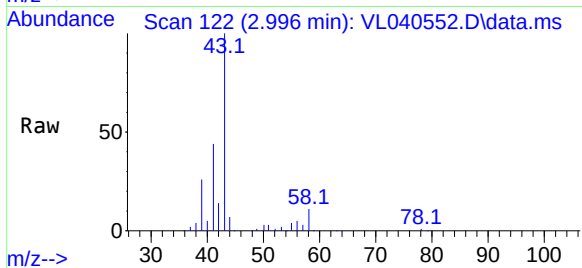
ClientSampleId :

Tgt Ion: 39 Resp: 33211

Ion Ratio Lower Upper

39 100

54 3.2 66.6 100.0#



#17

tert-Butyl alcohol

Concen: 2.357 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.023 min

Lab File: VL040552.D

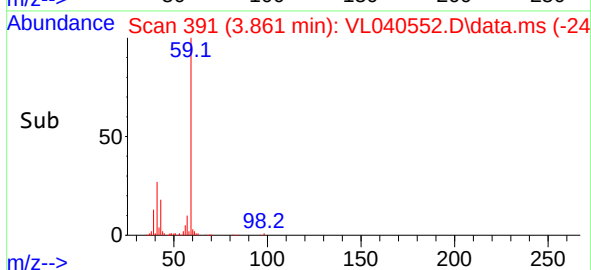
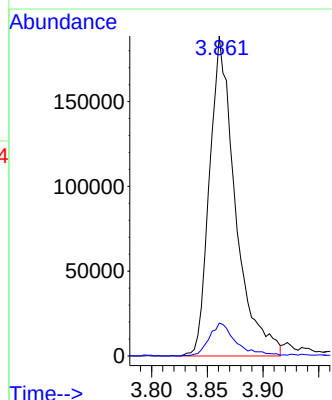
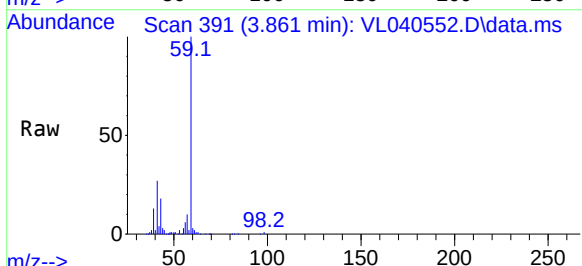
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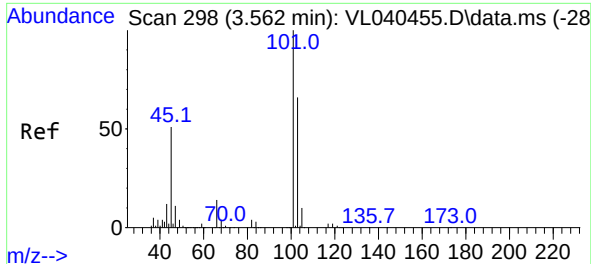
Tgt Ion: 59 Resp: 304565

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1

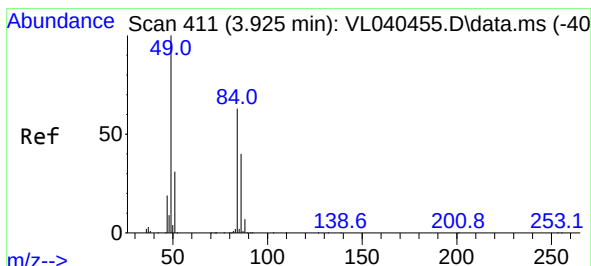
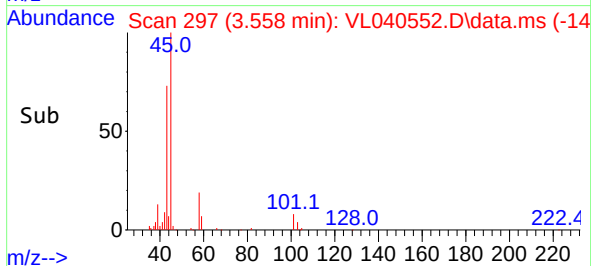
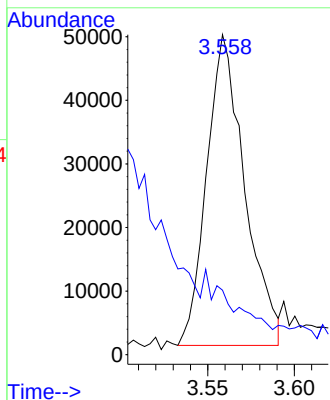
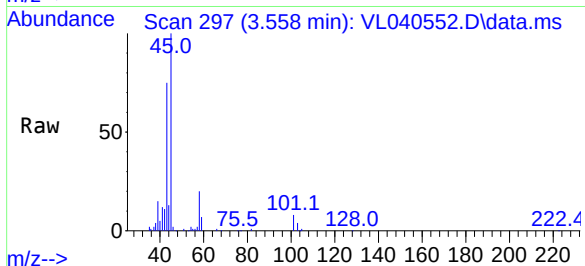




#19
Isopropyl Alcohol
Concen: 1.042 ppbv
RT: 3.558 min Scan# 298
Delta R.T. -0.022 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

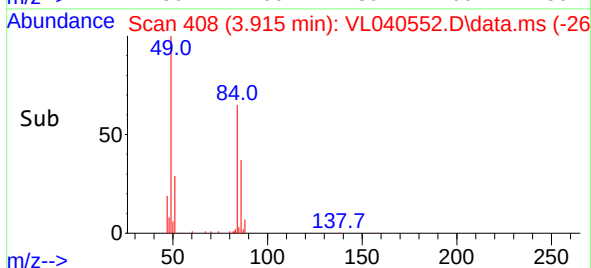
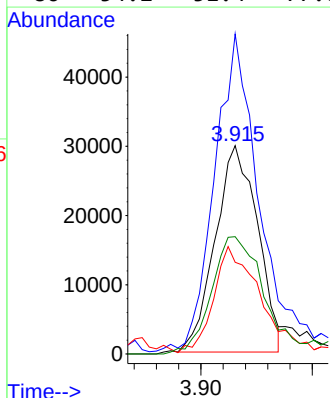
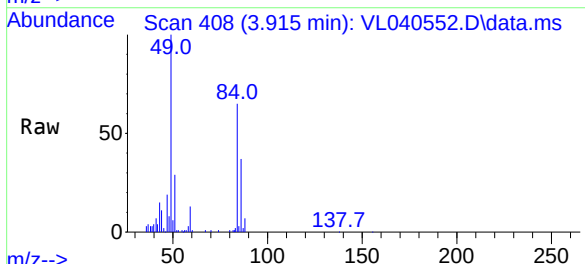
Instrument :
MSVOA_L
ClientSampleId :

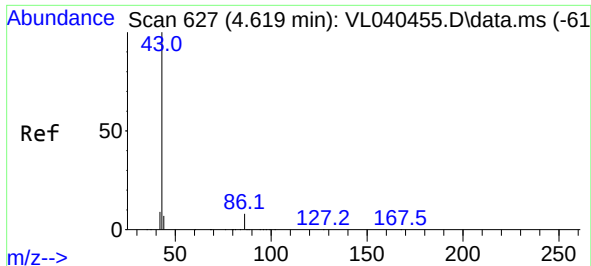
Tgt Ion: 45 Resp: 74704
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7#



#20
Methylene Chloride
Concen: 0.745 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

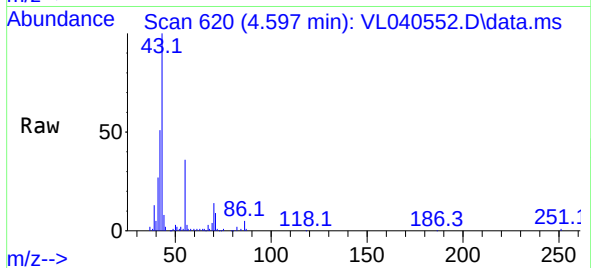
Tgt Ion: 84 Resp: 39579
Ion Ratio Lower Upper
84 100
49 152.2 123.4 185.2
51 43.8 38.3 57.5
86 54.2 51.4 77.0



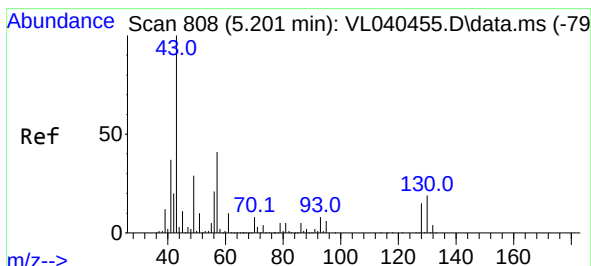
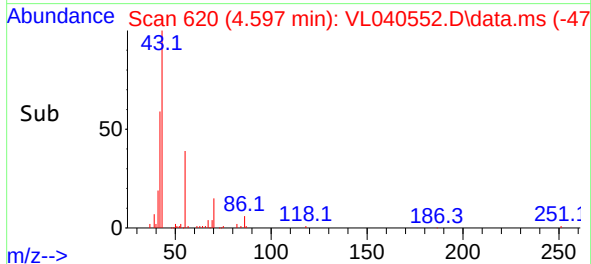
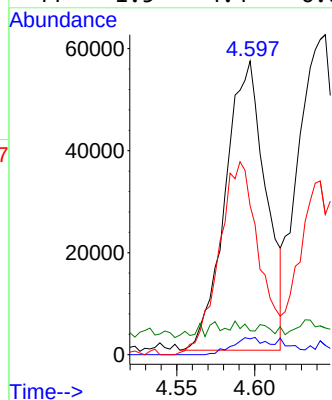


#23
Vinyl Acetate
Concen: 0.861 ppbv
RT: 4.597 min Scan# 61
Delta R.T. -0.039 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Instrument :
MSVOA_1
ClientSampleId :

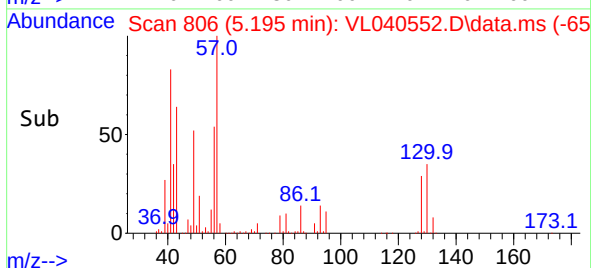
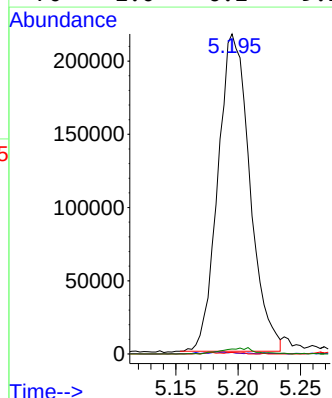
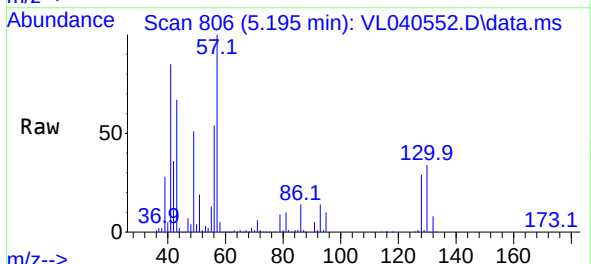


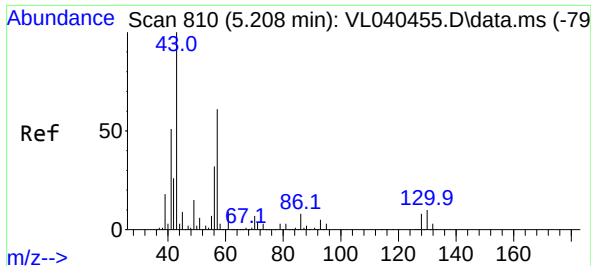
Tgt Ion: 43 Resp: 102405
Ion Ratio Lower Upper
43 100
86 5.5 5.6 8.4#
42 49.2 7.4 11.2#
44 1.5 4.4 6.6#



#25
Ethyl Acetate
Concen: 1.625 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.016 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

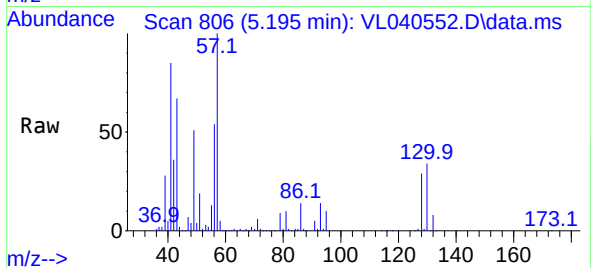
Tgt Ion: 43 Resp: 386371
Ion Ratio Lower Upper
43 100
45 0.8 8.2 12.4#
61 0.5 8.3 12.5#
70 2.0 6.2 9.2#



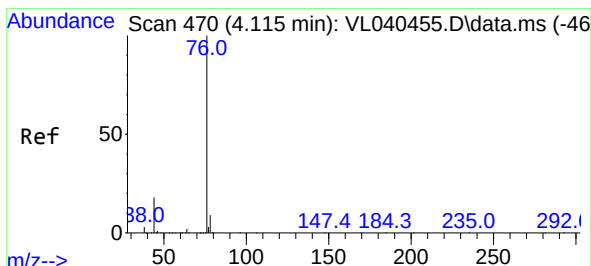
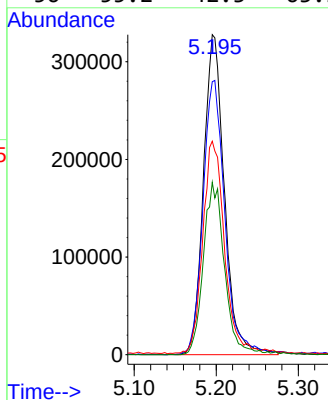
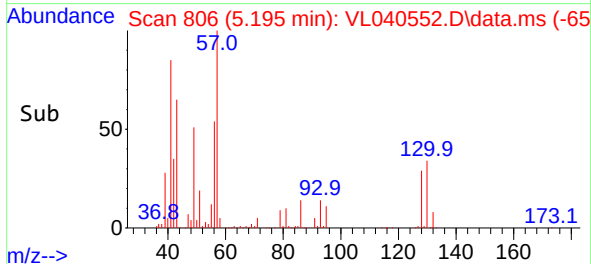


#26
Hexane
Concen: 5.247 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

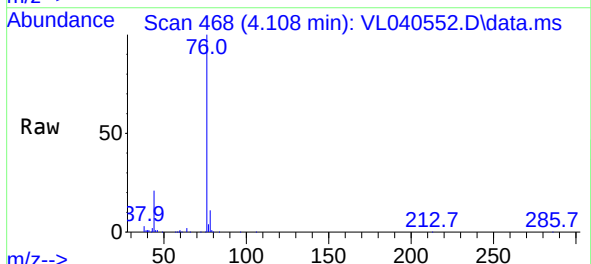
Instrument :
MSVOA_L
ClientSampleId :



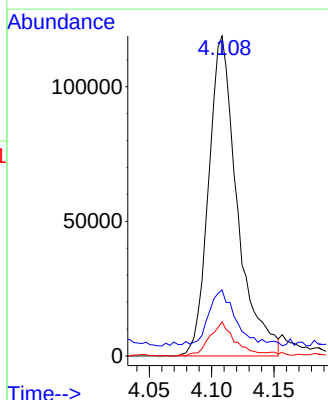
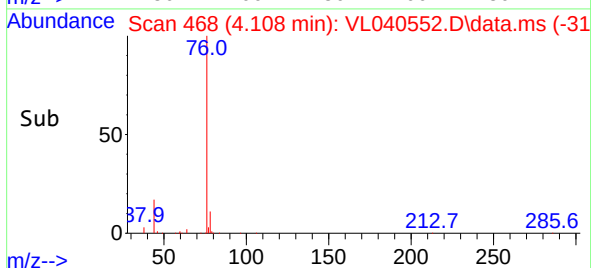
Tgt Ion: 57 Resp: 579664
Ion Ratio Lower Upper
57 100
41 90.6 69.5 104.3
43 69.3 177.1 265.7#
56 55.2 42.3 63.5

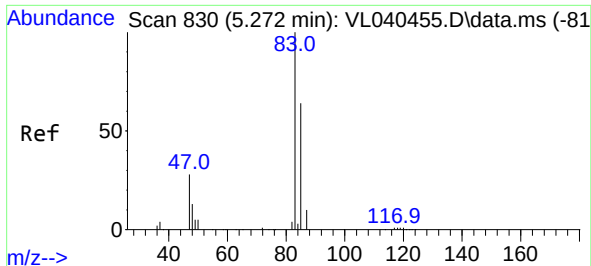


#27
Carbon Disulfide
Concen: 1.464 ppbv
RT: 4.108 min Scan# 468
Delta R.T. -0.022 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39



Tgt Ion: 76 Resp: 190219
Ion Ratio Lower Upper
76 100
44 18.3 15.1 22.7
78 10.1 7.5 11.3





#29

Chloroform

Concen: 0.169 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

Instrument :

MSVOA_L

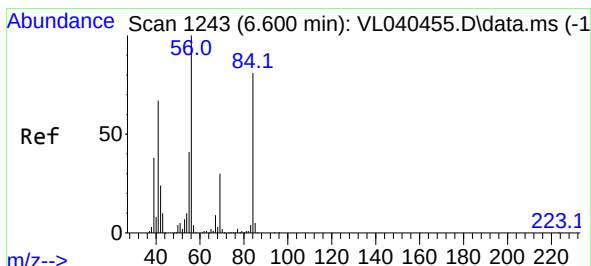
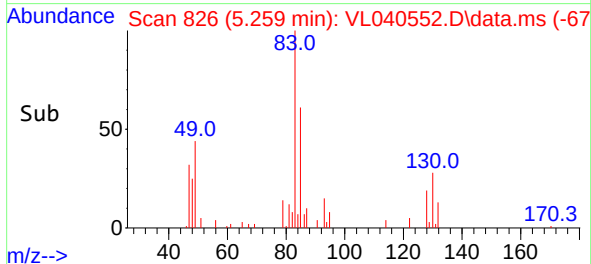
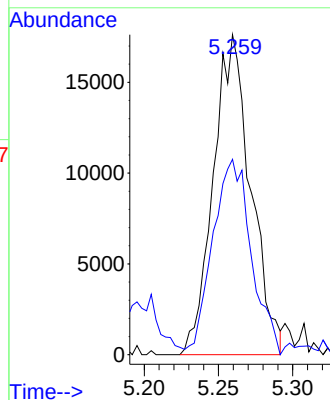
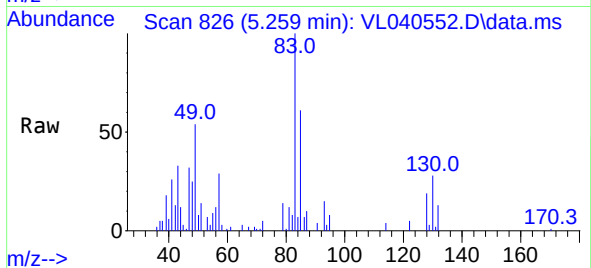
ClientSampleId :

Tgt Ion: 83 Resp: 30936

Ion Ratio Lower Upper

83 100

85 61.1 51.1 76.7



#30

Cyclohexane

Concen: 2.529 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.026 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

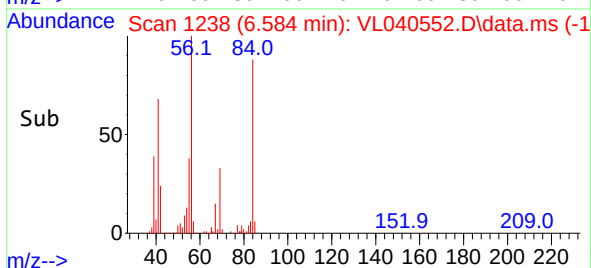
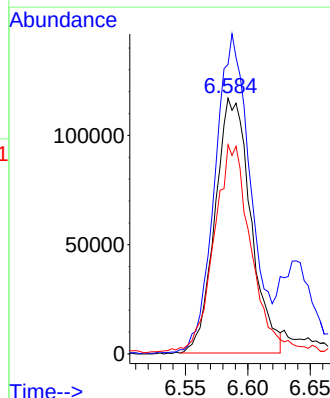
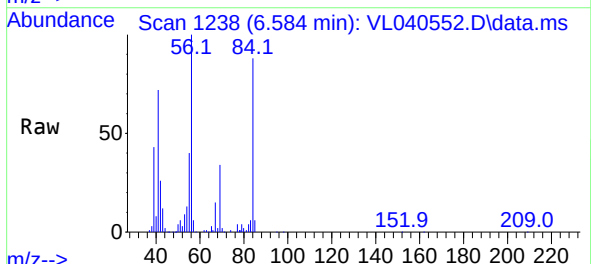
Tgt Ion: 84 Resp: 232525

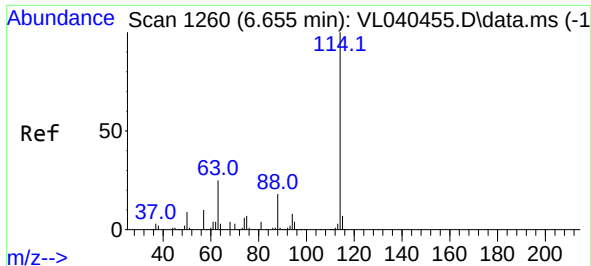
Ion Ratio Lower Upper

84 100

56 124.9 108.7 163.1

41 84.1 64.5 96.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

Instrument :

MSVOA_L

ClientSampleId :

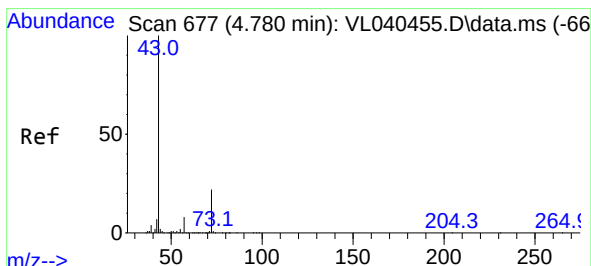
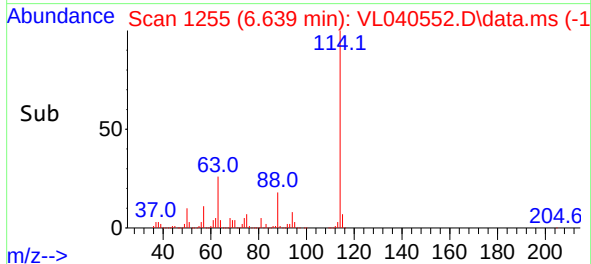
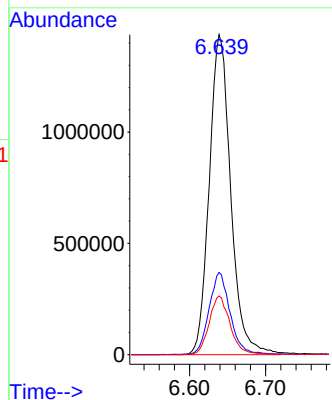
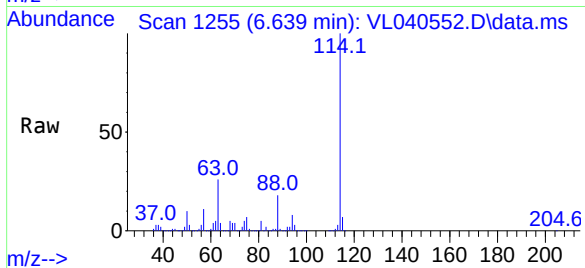
Tgt Ion:114 Resp: 2822614

Ion Ratio Lower Upper

114 100

63 25.6 19.6 29.4

88 18.0 14.2 21.2



#34

2-Butanone

Concen: 11.079 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.026 min

Lab File: VL040552.D

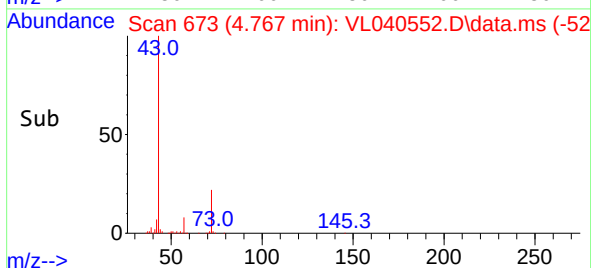
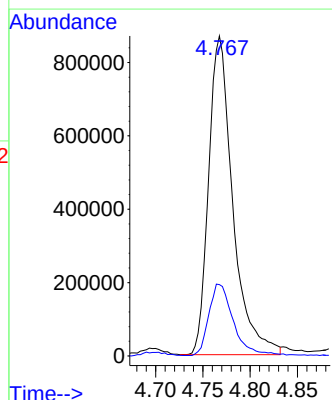
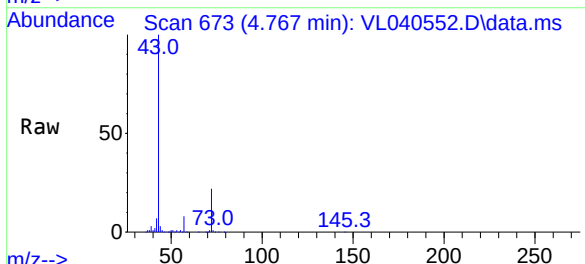
Acq: 26 Jul 2023 22:39

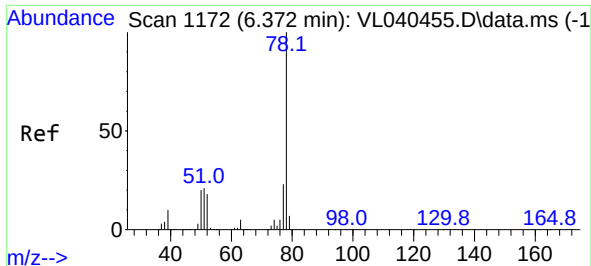
Tgt Ion: 43 Resp: 1545186

Ion Ratio Lower Upper

43 100

72 23.6 19.1 28.7

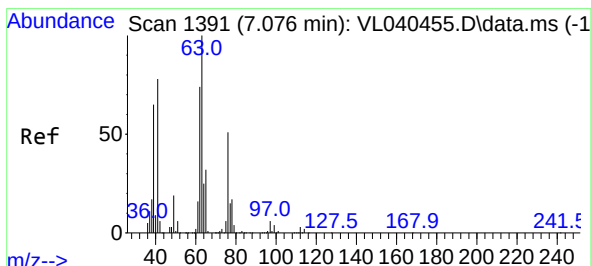
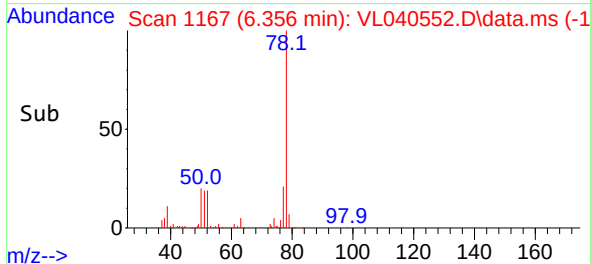
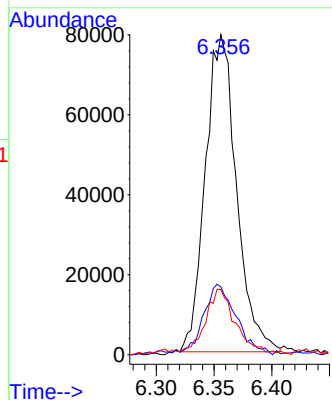
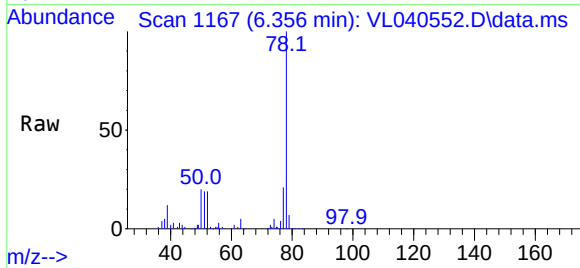




#36
Benzene
Concen: 0.655 ppbv
RT: 6.356 min Scan# 1172
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

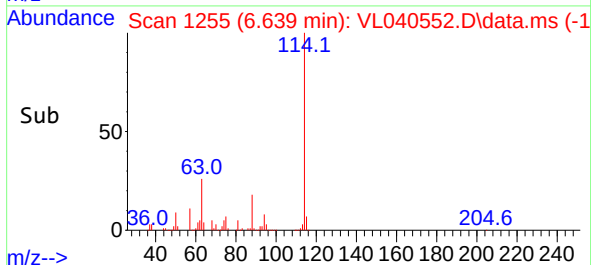
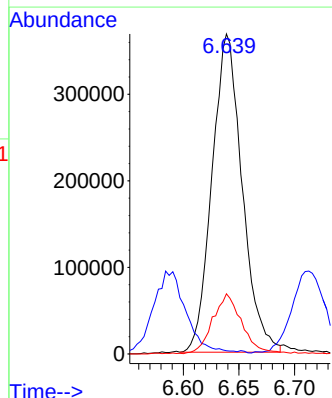
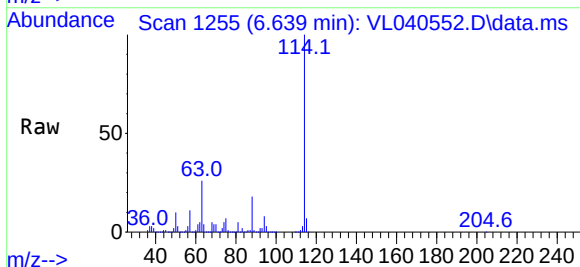
Instrument :
MSVOA_L
ClientSampleId :

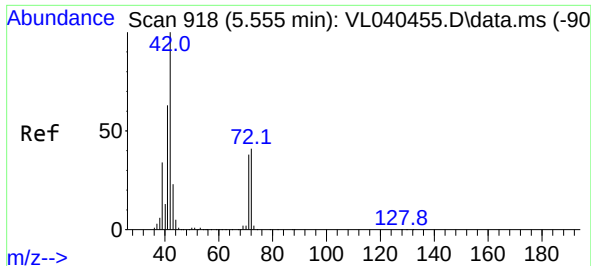
Tgt Ion: 78 Resp: 148740
Ion Ratio Lower Upper
78 100
77 21.1 17.4 26.0
50 19.6 14.4 21.6



#39
1,2-Dichloropropane
Concen: 7.912 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.444 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

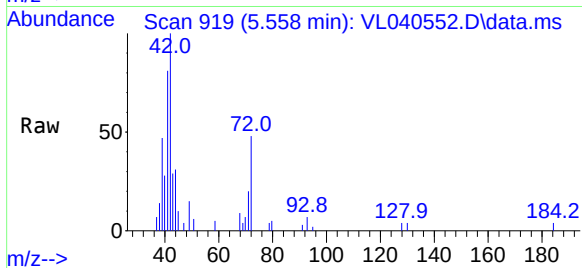
Tgt Ion: 63 Resp: 691710
Ion Ratio Lower Upper
63 100
41 0.0 54.3 81.5#
62 18.7 55.6 83.4#



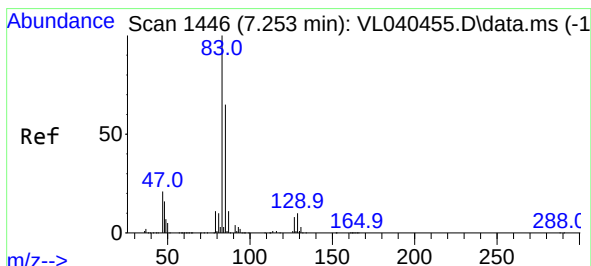
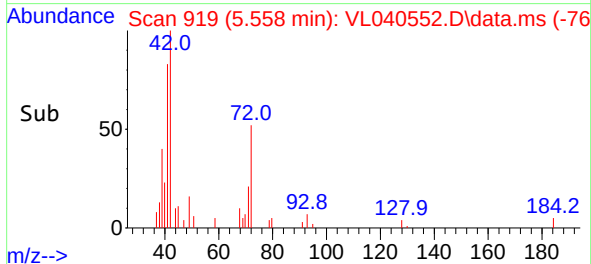
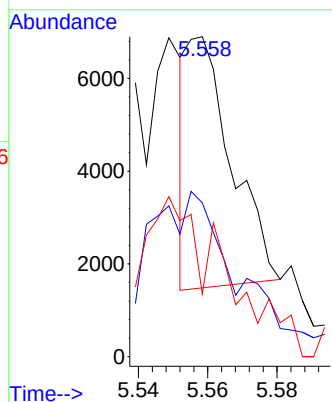


#41
Tetrahydrofuran
Concen: 0.059 ppbv
RT: 5.558 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Instrument :
MSVOA_L
ClientSampleId :

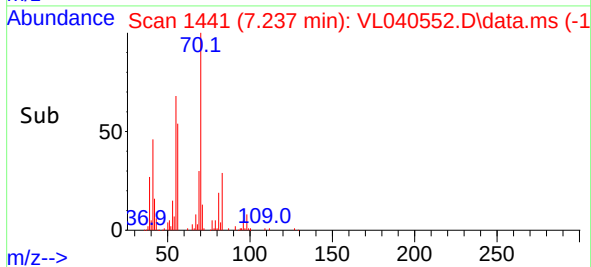
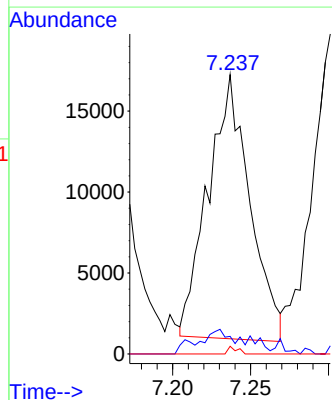
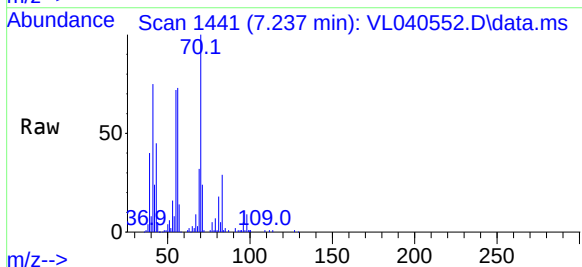


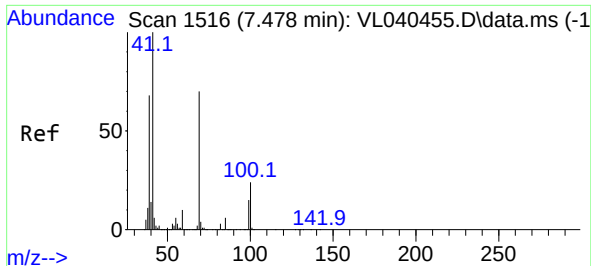
Tgt Ion: 42 Resp: 4786
Ion Ratio Lower Upper
42 100
72 158.9 33.8 50.8#
71 0.0 33.0 49.6#



#42
Bromodichloromethane
Concen: 0.163 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 83 Resp: 30321
Ion Ratio Lower Upper
83 100
85 3.6 51.1 76.7#
127 3.0 6.5 9.7#

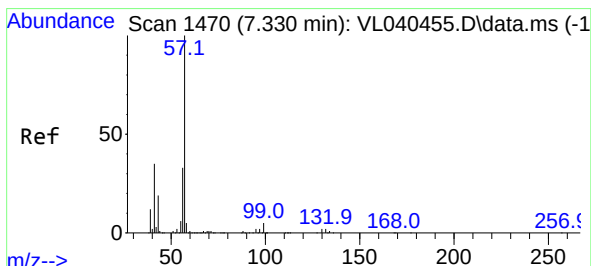
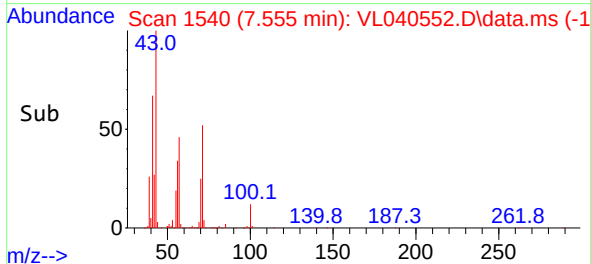
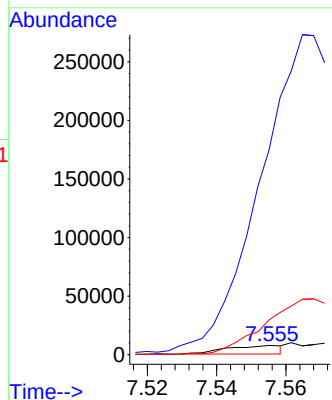
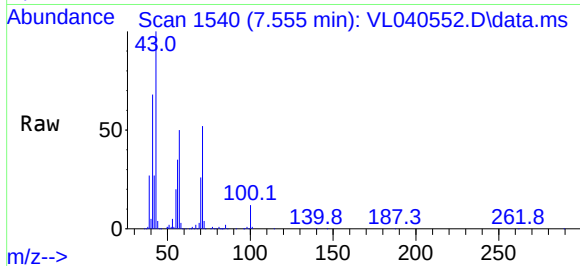




#43
Methyl Methacrylate
Concen: 0.095 ppbv
RT: 7.555 min Scan# 11
Delta R.T. 0.071 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

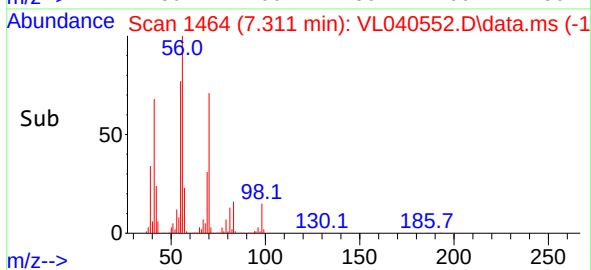
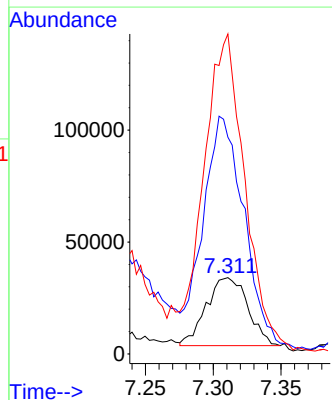
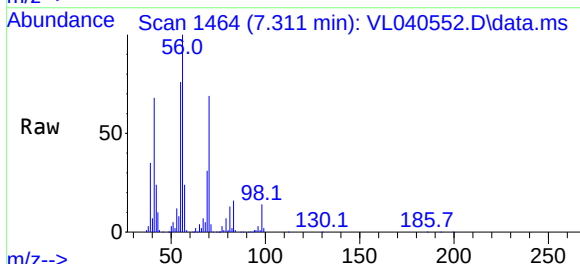
Instrument :
MSVOA_L
ClientSampleId :

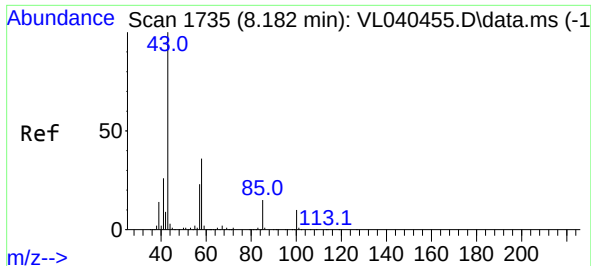
Tgt Ion: 69 Resp: 8087
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5#
100 0.0 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.177 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 57 Resp: 64854
Ion Ratio Lower Upper
57 100
41 360.5 25.5 38.3#
56 481.1 25.1 37.7#





#50

4-Methyl-2-Pentanone

Concen: 7.682 ppbv

RT: 8.169 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

Instrument :

MSVOA_L

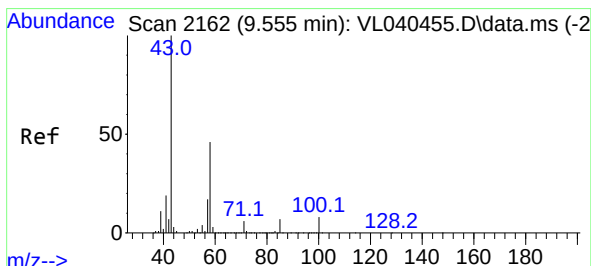
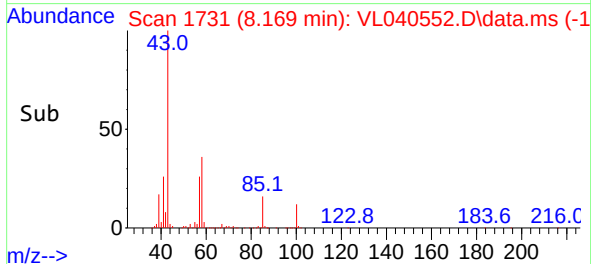
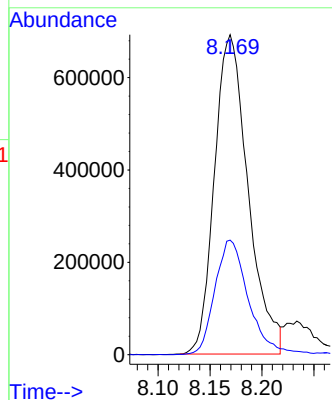
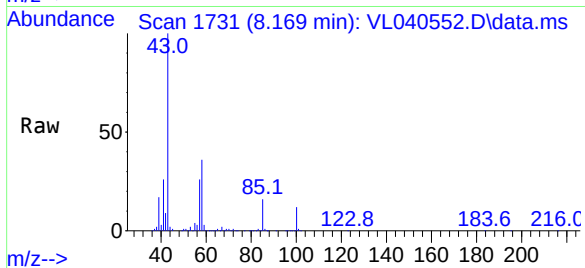
ClientSampleId :

Tgt Ion: 43 Resp: 1556713

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.2



#51

2-Hexanone

Concen: 4.980 ppbv

RT: 9.526 min Scan# 2153

Delta R.T. -0.035 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

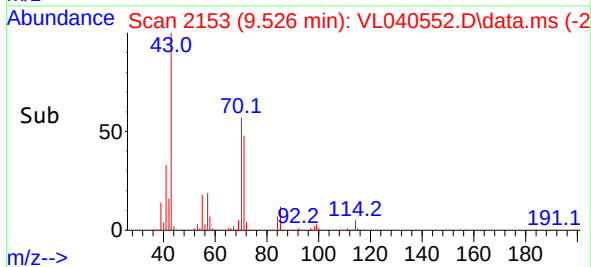
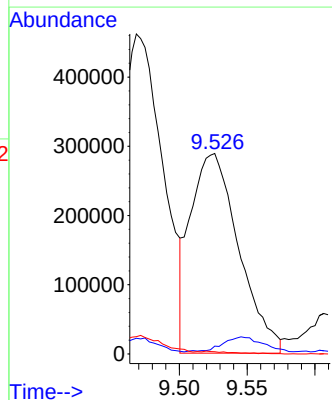
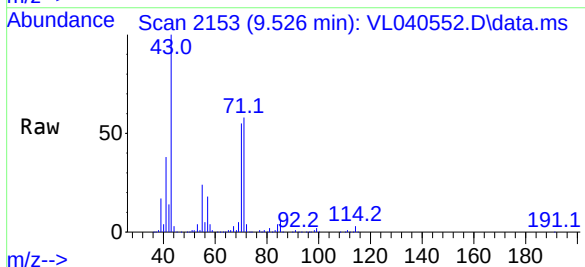
Tgt Ion: 43 Resp: 713624

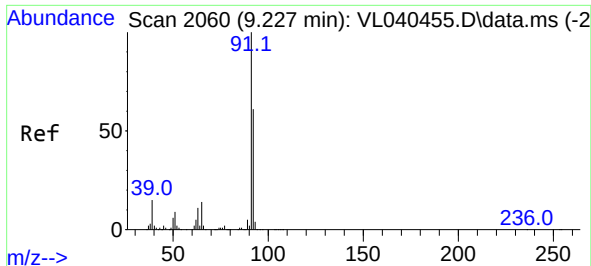
Ion Ratio Lower Upper

43 100

58 8.3 39.7 59.5#

98 0.0 0.3 0.5#

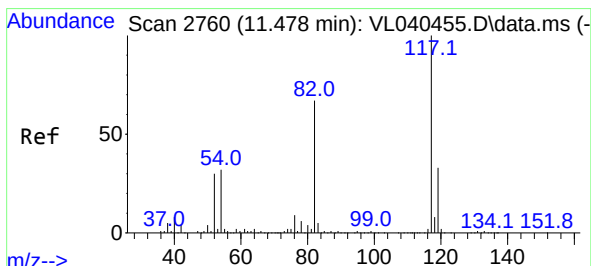
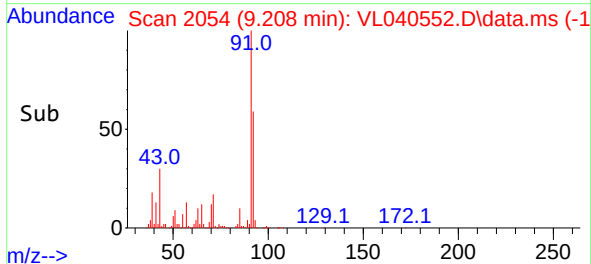
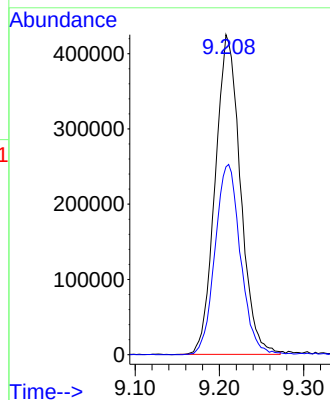
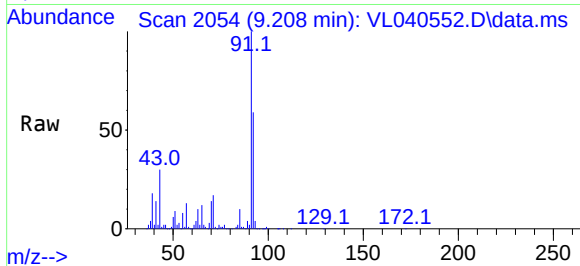




#53
Toluene
Concen: 3.579 ppbv
RT: 9.208 min Scan# 2060
Delta R.T. -0.023 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

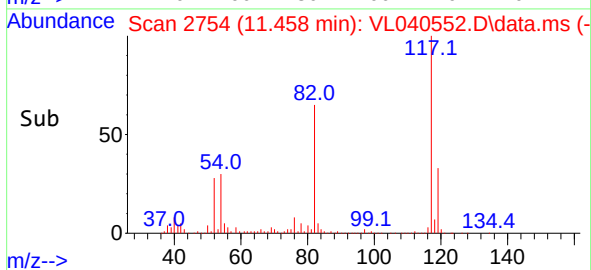
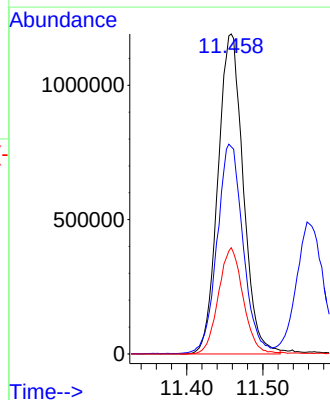
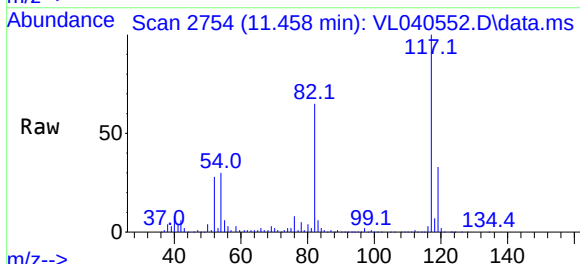
Instrument :
MSVOA_L
ClientSampleId :

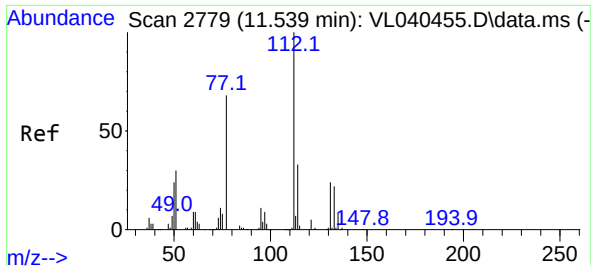
Tgt Ion: 91 Resp: 883029
Ion Ratio Lower Upper
91 100
92 60.2 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.019 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 117 Resp: 2747685
Ion Ratio Lower Upper
117 100
82 67.5 50.2 75.4
119 33.0 26.9 40.3

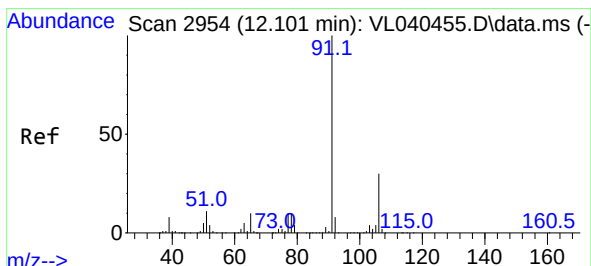
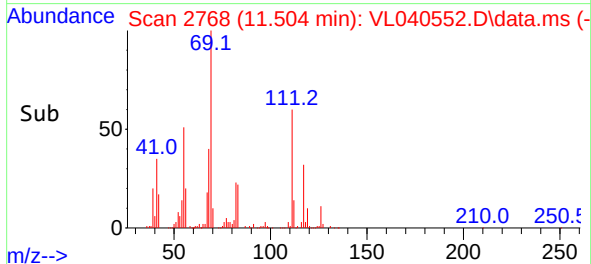
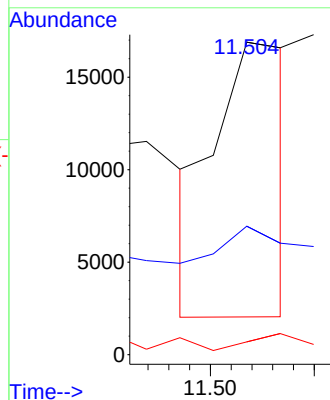
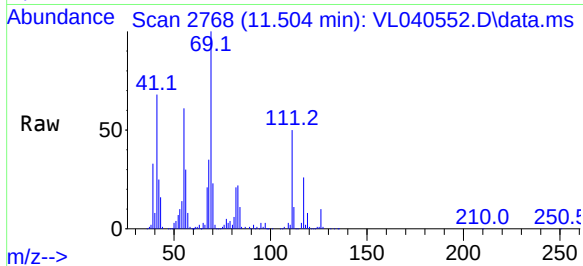




#57
Chlorobenzene
Concen: 0.034 ppbv
RT: 11.504 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

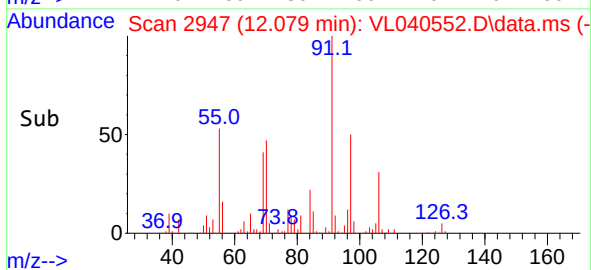
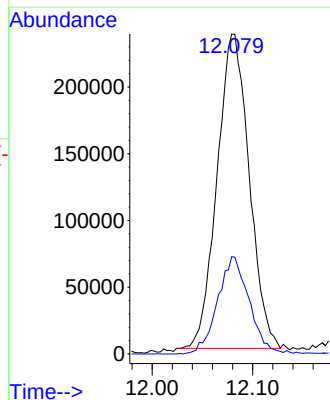
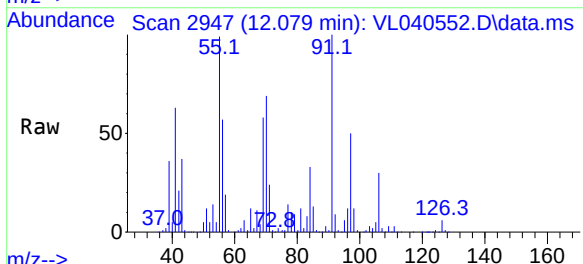
Instrument :
MSVOA_L
ClientSampleId :

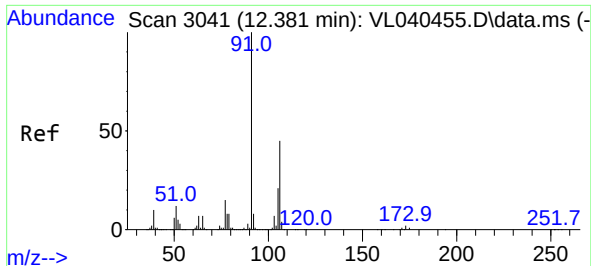
Tgt Ion:112 Resp: 7359
Ion Ratio Lower Upper
112 100
77 29.3 51.0 76.6#
114 0.0 28.3 34.5#



#58
Ethyl Benzene
Concen: 1.515 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.023 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 91 Resp: 522428
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0





#59

m/p-Xylene

Concen: 2.259 ppbv

RT: 12.333 min Scan# 3041

Delta R.T. -0.051 min

Lab File: VL040552.D

Acq: 26 Jul 2023 22:39

Instrument :

MSVOA_L

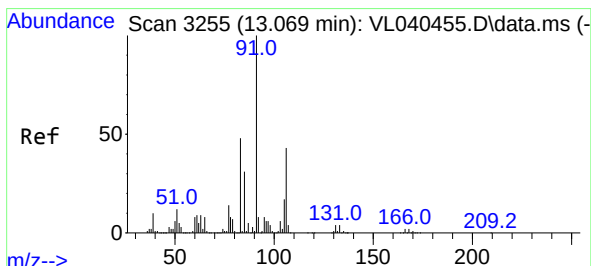
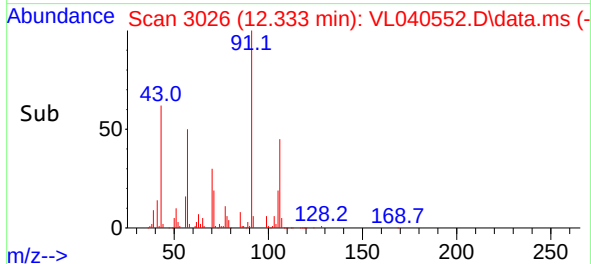
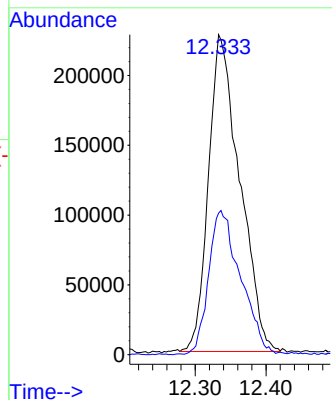
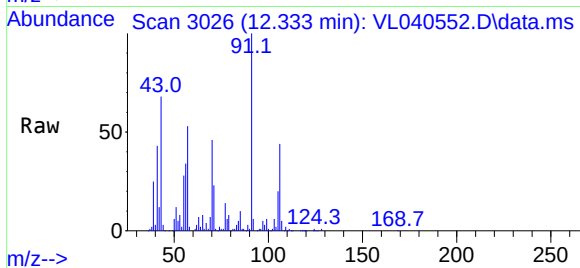
ClientSampleId :

Tgt Ion: 91 Resp: 695091

Ion Ratio Lower Upper

91 100

106 47.1 35.9 53.9



#60

o-Xylene

Concen: 1.397 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.019 min

Lab File: VL040552.D

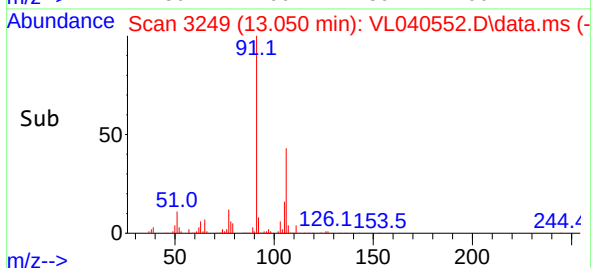
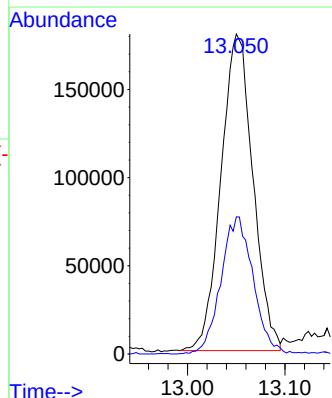
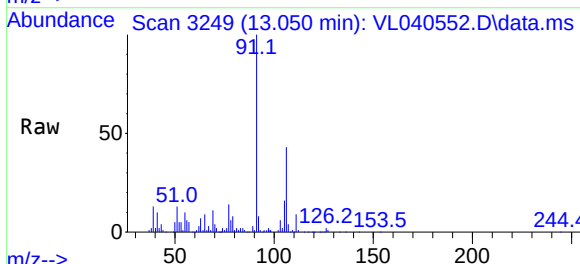
Acq: 26 Jul 2023 22:39

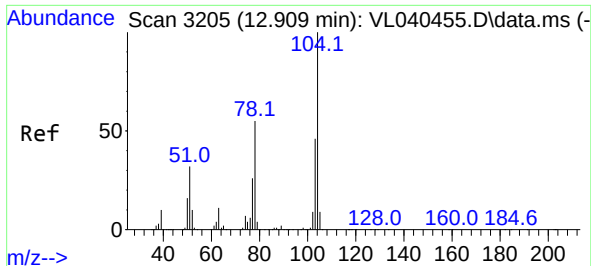
Tgt Ion: 91 Resp: 409485

Ion Ratio Lower Upper

91 100

106 43.7 22.7 68.0

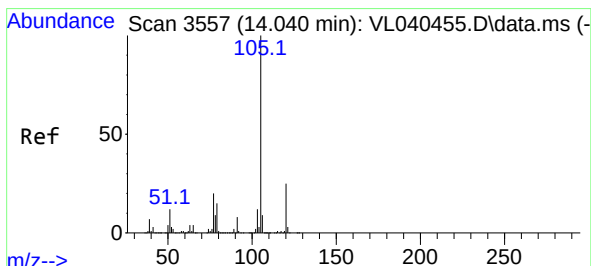
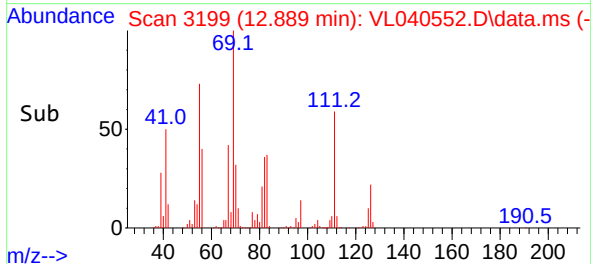
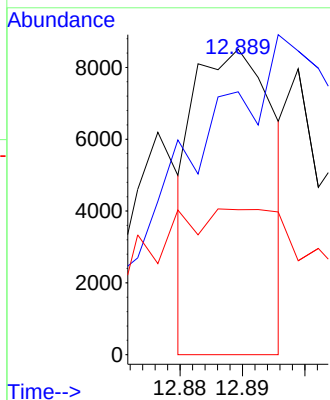
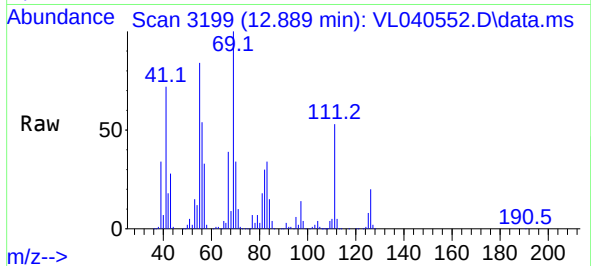




#61
Styrene
Concen: 0.055 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.022 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

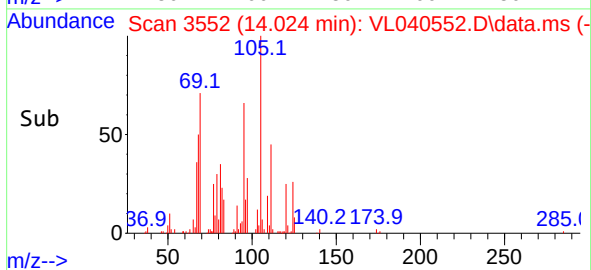
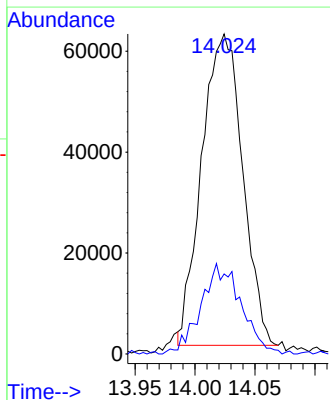
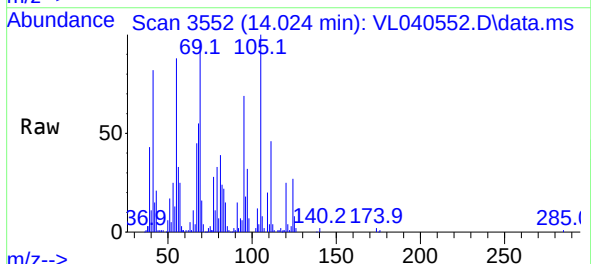
Instrument :
MSVOA_L
ClientSampleId :

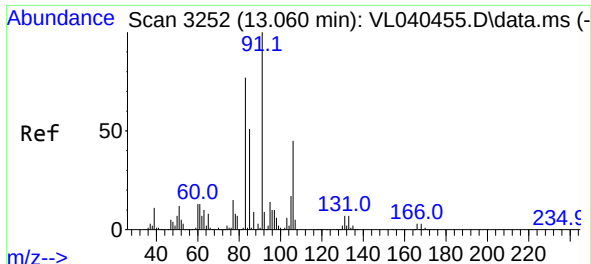
Tgt Ion:104 Resp: 7473
Ion Ratio Lower Upper
104 100
78 0.0 40.1 60.1#
103 141.2 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.332 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.016 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion:105 Resp: 146106
Ion Ratio Lower Upper
105 100
120 28.5 20.8 31.2

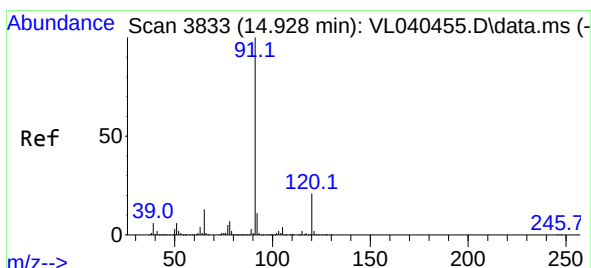
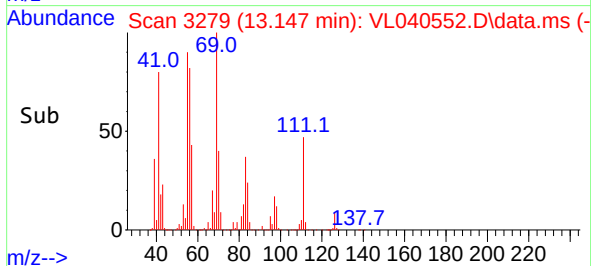
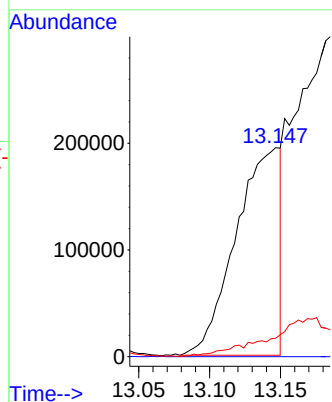
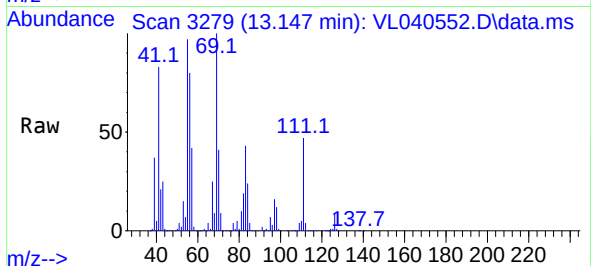




#63
1,1,2,2-Tetrachloroethane
Concen: 2.064 ppbv
RT: 13.147 min Scan# 31
Delta R.T. 0.087 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

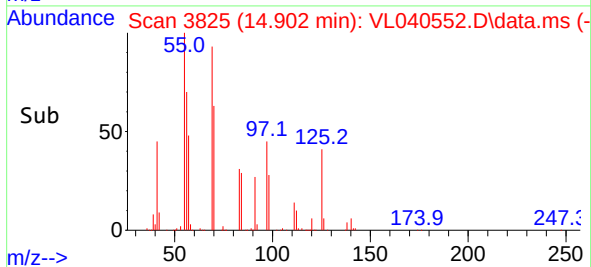
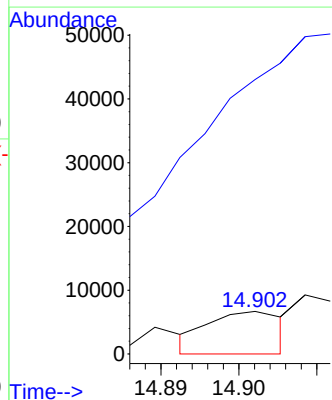
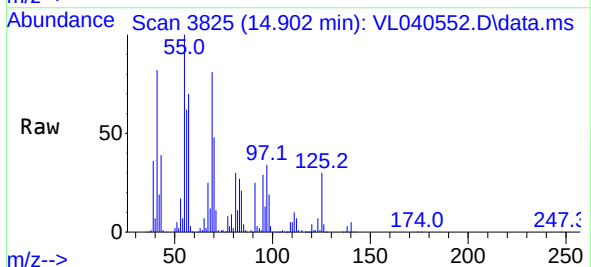
Instrument :
MSVOA_L
ClientSampleId :

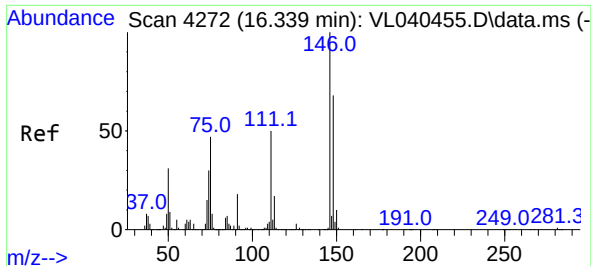
Tgt Ion: 83 Resp: 423702
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 32.8 98.3#



#64
n-propylbenzene
Concen: 0.039 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.029 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion:120 Resp: 4470
Ion Ratio Lower Upper
120 100
91 0.0 374.3 561.5#

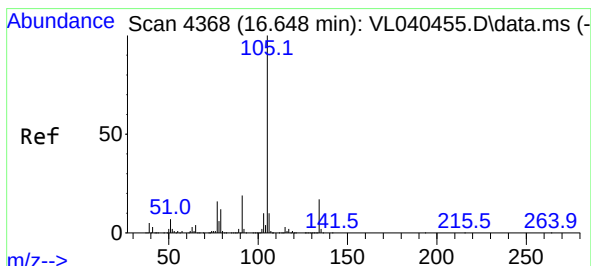
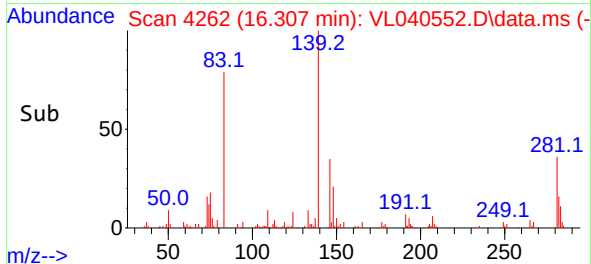
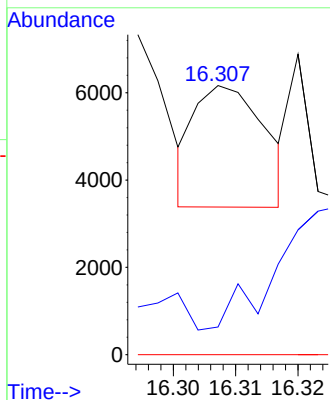
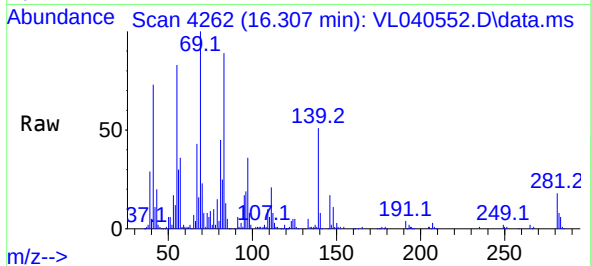




#66
Benzyl Chloride
Concen: 0.079 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

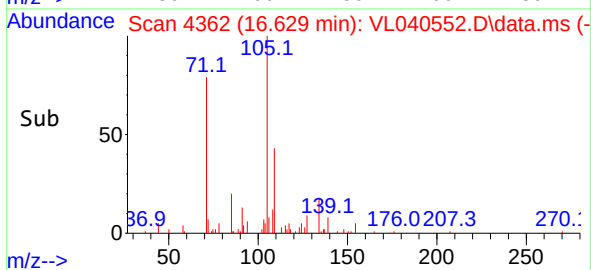
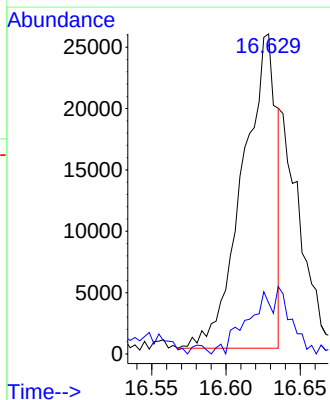
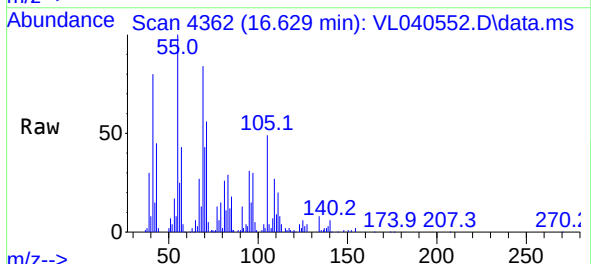
Instrument :
MSVOA_L
ClientSampleId :

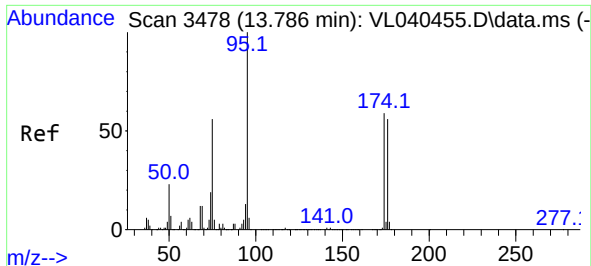
Tgt Ion: 91 Resp: 2173
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#



#67
sec-Butylbenzene
Concen: 0.071 ppbv
RT: 16.629 min Scan# 4362
Delta R.T. -0.019 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 105 Resp: 40529
Ion Ratio Lower Upper
105 100
134 27.4 14.4 21.6#

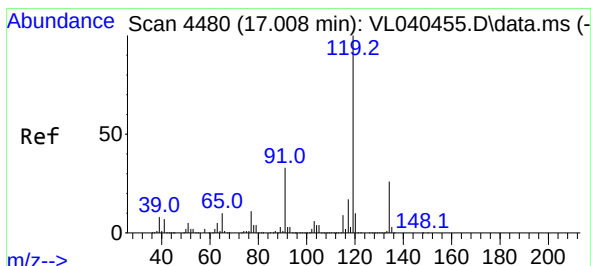
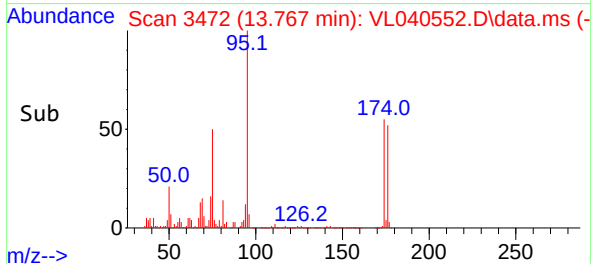
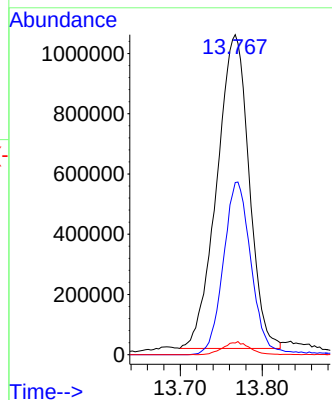
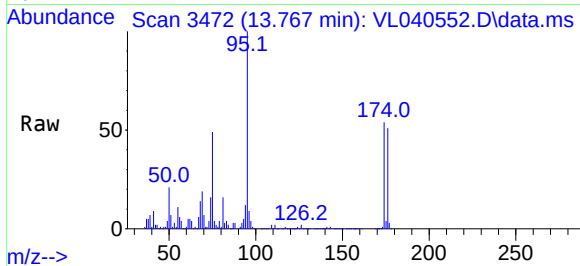




#68
1-Bromo-4-Fluorobenzene
Concen: 13.087 ppbv
RT: 13.767 min Scan# 3478
Delta R.T. -0.016 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

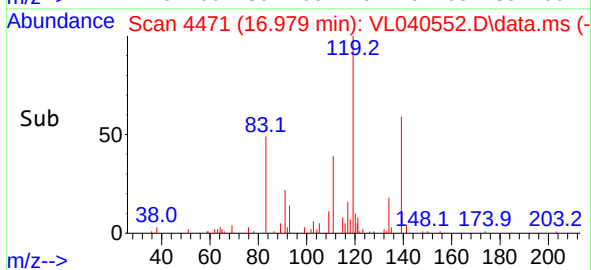
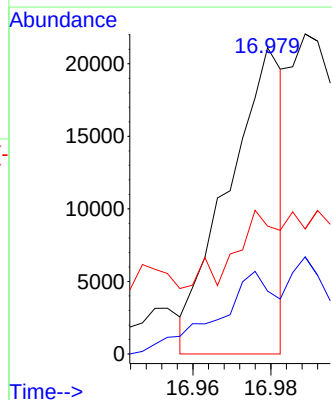
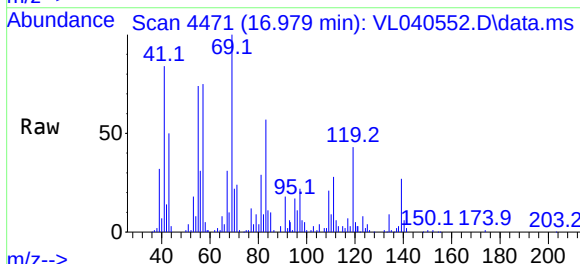
Instrument :
MSVOA_L
ClientSampleId :

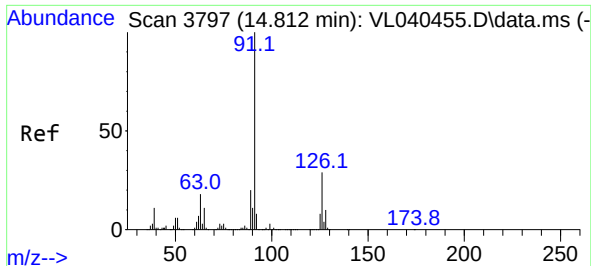
Tgt Ion: 95 Resp: 2845836
Ion Ratio Lower Upper
95 100
174 48.2 50.6 75.8#
175 3.4 3.7 5.5#



#69
p-Isopropyltoluene
Concen: 0.044 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.026 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 119 Resp: 20559
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 123.8 23.8 35.8#

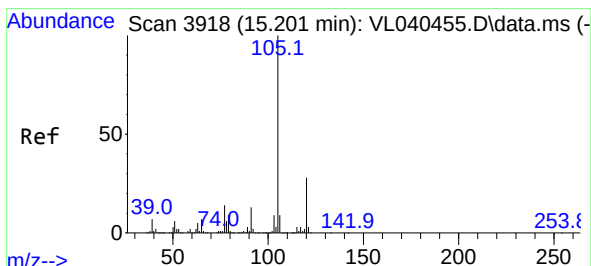
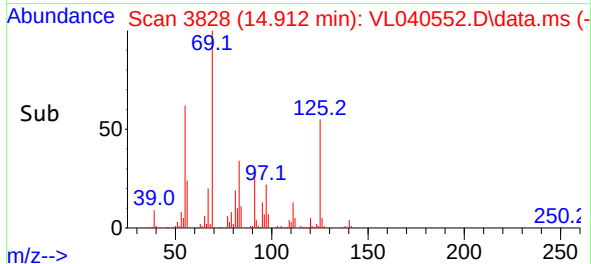
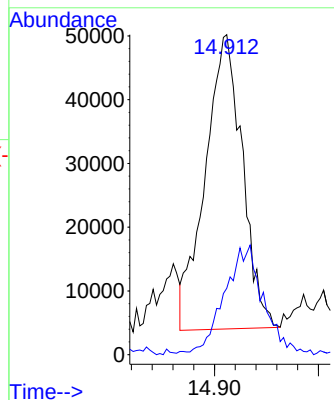
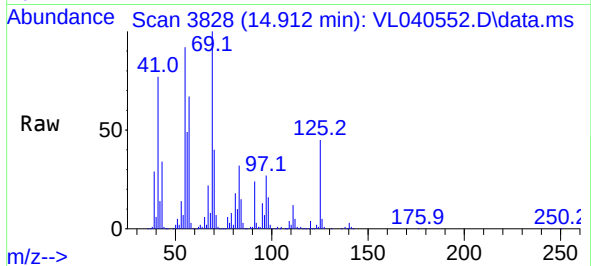




#71
2-Chlorotoluene
Concen: 0.339 ppbv
RT: 14.912 min Scan# 31
Delta R.T. 0.100 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

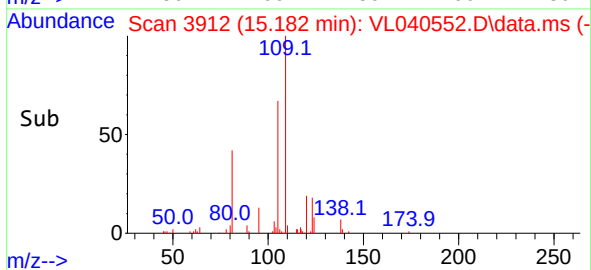
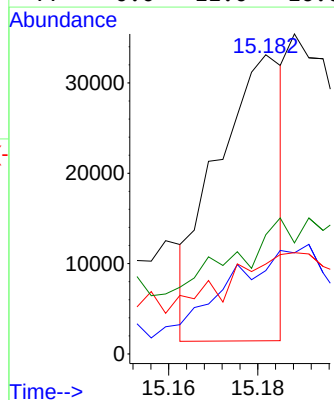
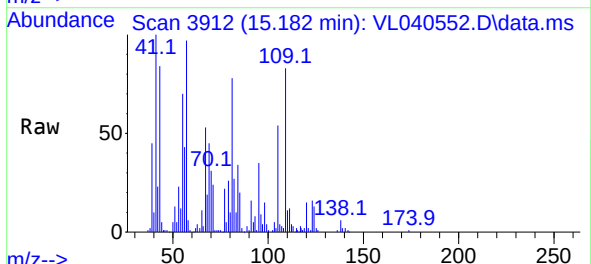
Instrument :
MSVOA_L
ClientSampleId :

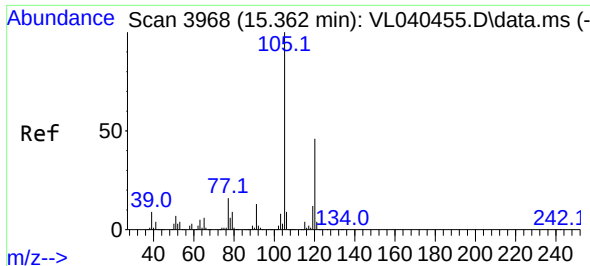
Tgt Ion: 91 Resp: 114879
Ion Ratio Lower Upper
91 100
126 38.1 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.095 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.023 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion: 105 Resp: 32627
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 0.0 10.7 16.1#
77 0.0 11.0 16.6#

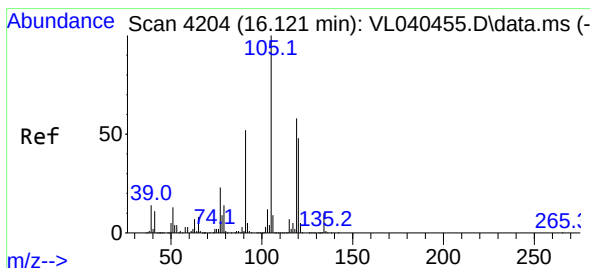
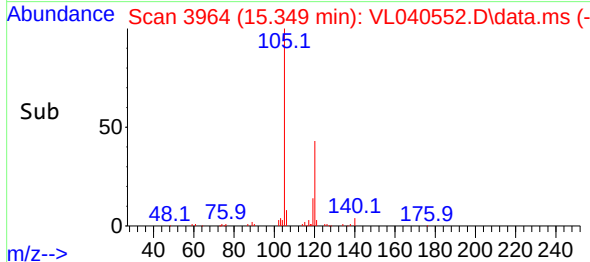
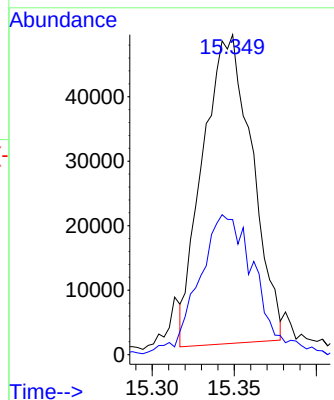
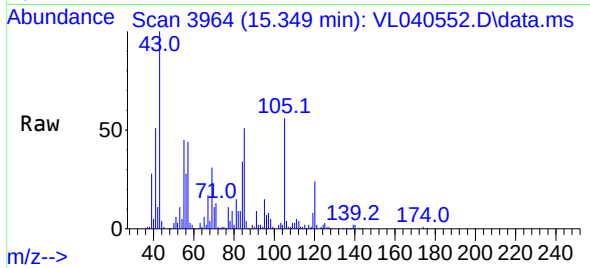




#73
1,3,5-Trimethylbenzene
Concen: 0.330 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

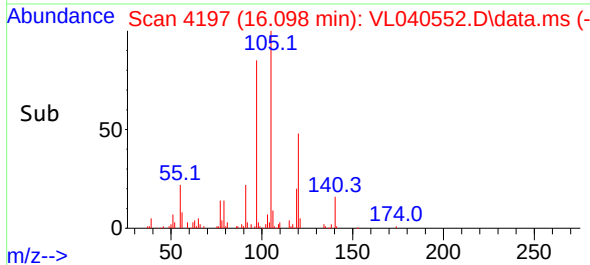
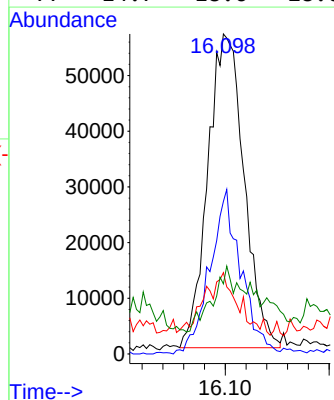
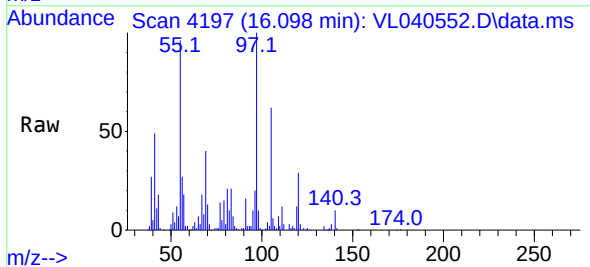
Instrument :
MSVOA_L
ClientSampleId :

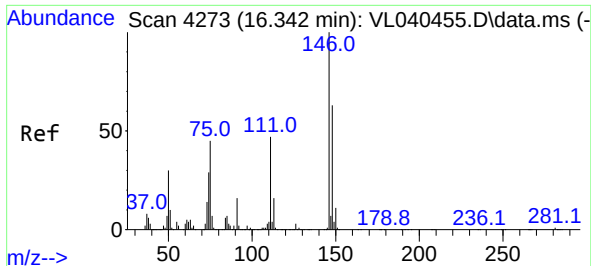
Tgt Ion:105 Resp: 99981
Ion Ratio Lower Upper
105 100
120 40.4 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 0.387 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.019 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

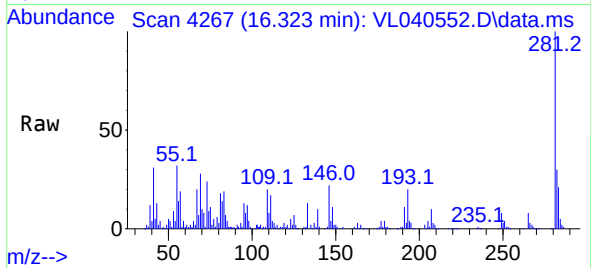
Tgt Ion:105 Resp: 136600
Ion Ratio Lower Upper
105 100
120 48.0 40.3 60.5
91 18.7 46.8 70.2#
77 14.7 18.6 28.0#



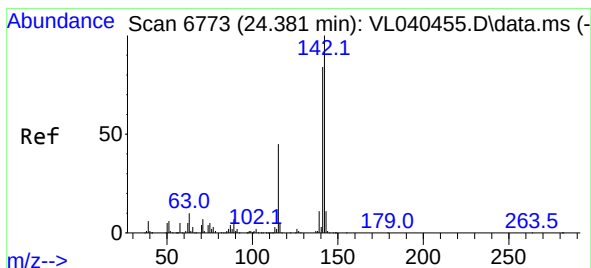
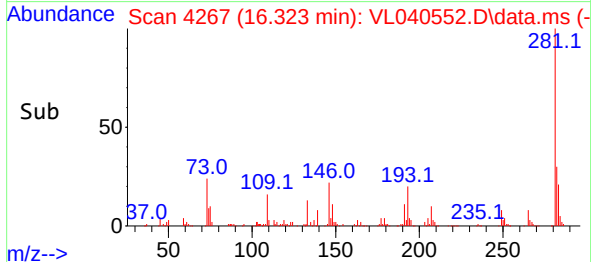
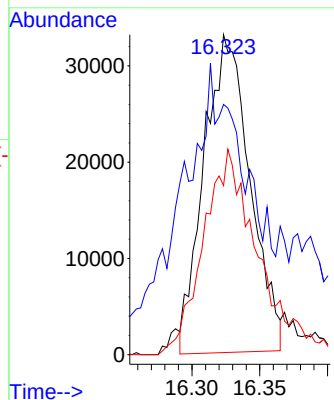


#75
1,3-Dichlorobenzene
Concen: 0.365 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:146 Resp: 78123
Ion Ratio Lower Upper
146 100
111 130.0 23.6 71.0#
148 78.0 32.2 96.6



#80
Naphthalene,2-methyl-
Concen: 0.031 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.000 min
Lab File: VL040552.D
Acq: 26 Jul 2023 22:39

Tgt Ion:142 Resp: 3832
Ion Ratio Lower Upper
142 100
141 72.7 66.7 100.1
115 52.5 33.0 49.6#

