

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040036.D
 Acq On : 19 Dec 2022 20:12
 Operator : SY/MD
 Sample : N5971-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 05:15:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1016928	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2683958	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2373299	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1882274	10.383	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	43651	0.229	ppbv	89
3) Chlorodifluoromethane	2.655	51	57553	0.384	ppbv	92
4) Chloromethane	2.793	50	66087	0.703	ppbv	96
6) Bromomethane	3.099	94	13711	0.491	ppbv	84
7) Chloroethane	3.179	64	3821	0.133	ppbv	90
9) Propene	2.851	41	1941986	30.499	ppbv	97
10) Heptane	7.562	43	208941	1.344	ppbv	98
11) Trichlorofluoromethane	3.542	101	37325	0.180	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.044	101	8753	0.056	ppbv	99
13) Ethanol	3.218	45	2696475	449.946	ppbv	96
15) Acetone	3.443	43	7586255	48.224	ppbv	96
16) 1,3-Butadiene	2.944	39	269457	3.941	ppbv #	32
17) tert-Butyl alcohol	3.870	59	112737	0.727	ppbv #	72
19) Isopropyl Alcohol	3.591	45	28328	0.365	ppbv #	94
20) Methylene Chloride	3.912	84	1027868	15.372	ppbv	97
21) Allyl Chloride	3.909	41	17996	0.190	ppbv #	69
23) Vinyl Acetate	4.584	43	347726	6.972	ppbv #	1
25) Ethyl Acetate	5.192	43	604079	2.217	ppbv #	76
26) Hexane	5.192	57	872067	7.616	ppbv #	37
27) Carbon Disulfide	4.105	76	66753	0.462	ppbv #	97
29) Chloroform	5.256	83	21930	0.126	ppbv	84
30) Cyclohexane	6.578	84	334353	3.297	ppbv	94
34) 2-Butanone	4.767	43	90135	0.619	ppbv	94
35) Carbon Tetrachloride	6.475	117	8289	0.050	ppbv #	83
36) Benzene	6.349	78	349245	1.457	ppbv	97
37) 1,2-Dichloroethane	5.790	62	5836	0.042	ppbv #	81
39) 1,2-Dichloropropane	6.632	63	651170	7.248	ppbv #	22
41) Tetrahydrofuran	5.796	42	80709	0.888	ppbv #	37
42) Bromodichloromethane	7.227	83	21974	0.114	ppbv #	28
44) 2,2,4-Trimethylpentane	7.304	57	55615	0.141	ppbv #	42
50) 4-Methyl-2-Pentanone	8.185	43	18200	0.077	ppbv #	56
51) 2-Hexanone	9.510	43	27939	0.151	ppbv #	81
53) Toluene	9.198	91	613650	2.312	ppbv	100
58) Ethyl Benzene	12.066	91	105447	0.313	ppbv	95
59) m/p-Xylene	12.327	91	312929	1.065	ppbv	97
60) o-Xylene	13.040	91	170505	0.606	ppbv	97
61) Styrene	12.880	104	75952	0.503	ppbv	98
62) Isopropylbenzene	14.008	105	41431	0.102	ppbv	95
64) n-propylbenzene	14.896	120	3777	0.037	ppbv #	1
72) 4-Ethyltoluene	15.179	105	22519	0.072	ppbv #	75
73) 1,3,5-Trimethylbenzene	15.333	105	26388	0.094	ppbv #	78
74) 1,2,4-Trimethylbenzene	16.085	105	47106	0.152	ppbv #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040036.D
Acq On : 19 Dec 2022 20:12
Operator : SY/MD
Sample : N5971-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 20 05:15:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

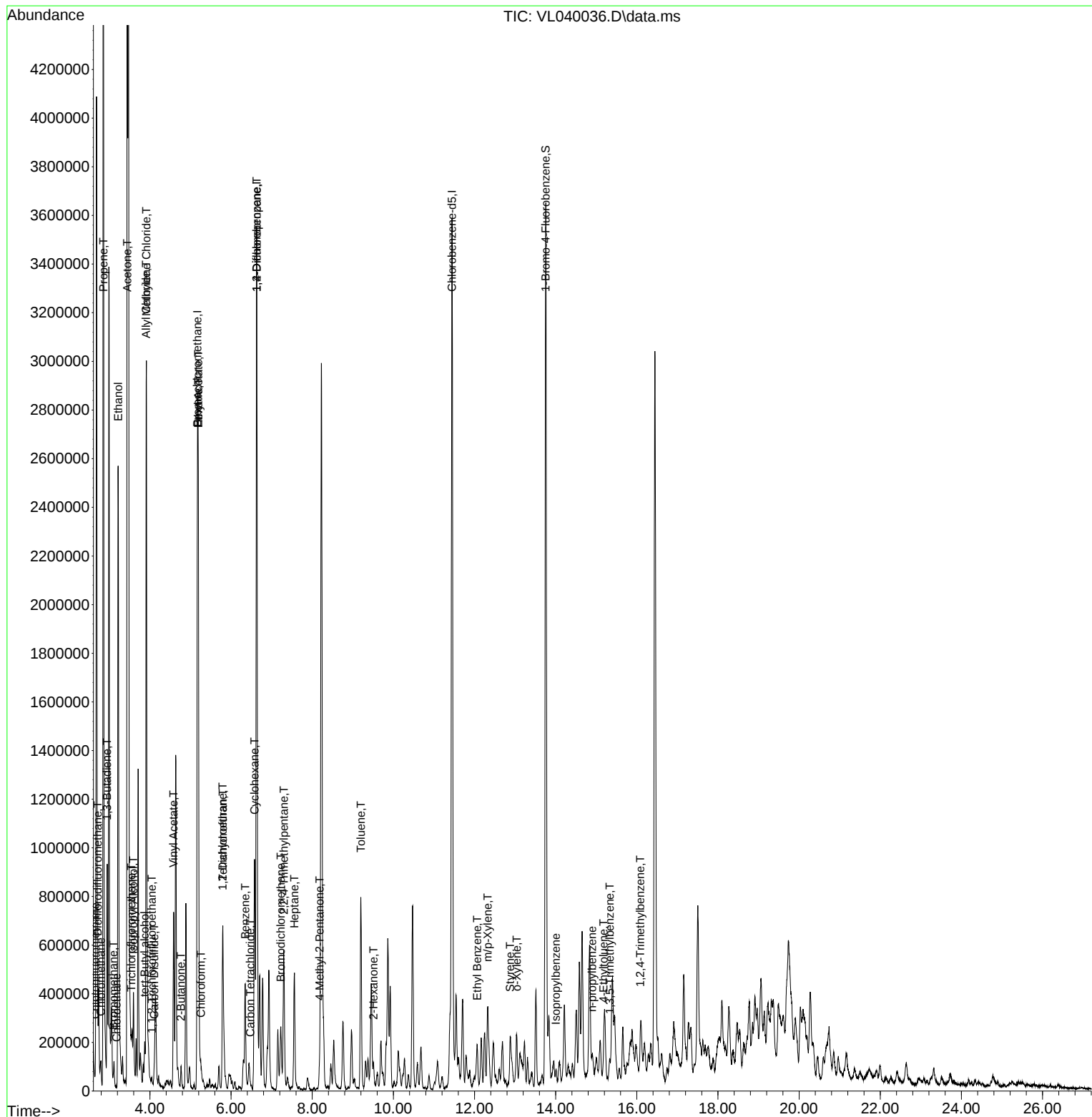
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

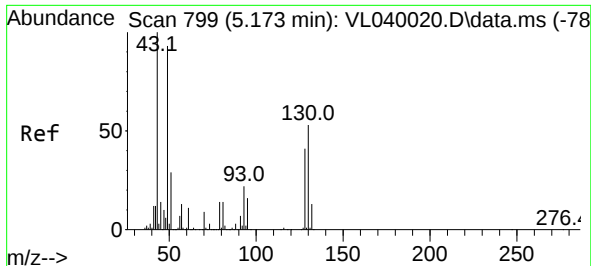
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040036.D
Acq On : 19 Dec 2022 20:12
Operator : SY/MD
Sample : N5971-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

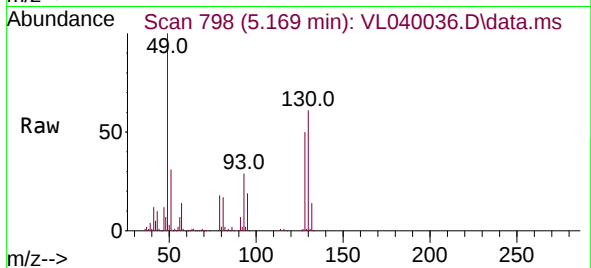
Quant Time: Dec 20 05:15:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration



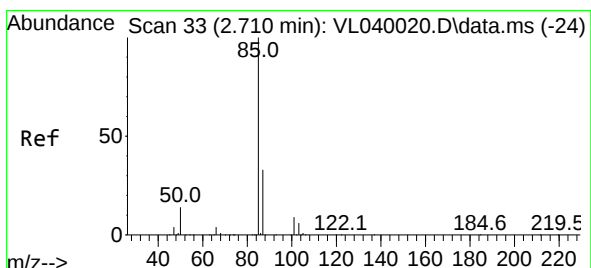
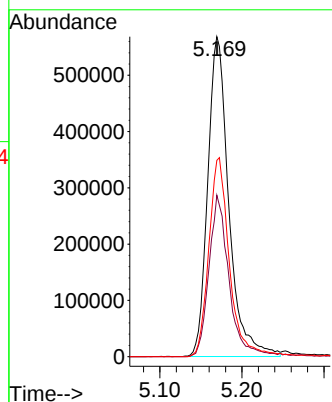
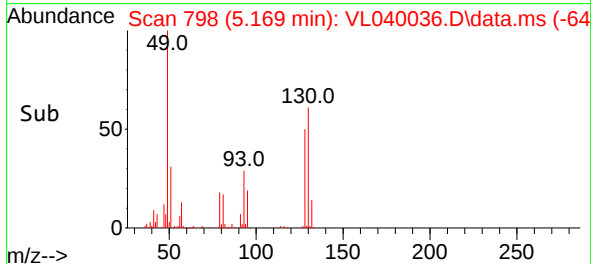


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 799
Delta R.T. -0.004 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Instrument :
MSVOA_L
ClientSampleId :

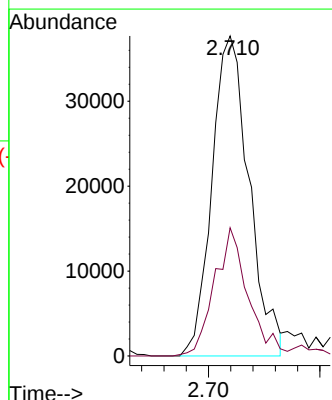
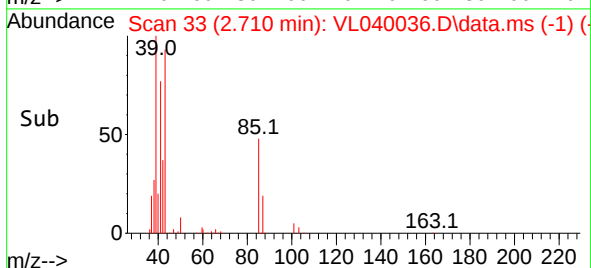
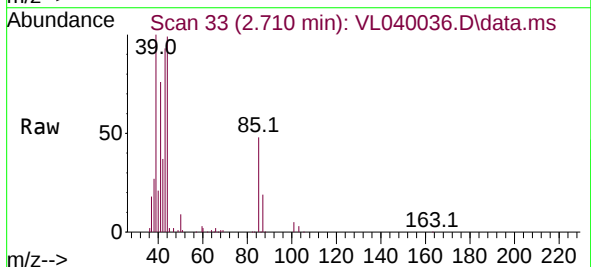


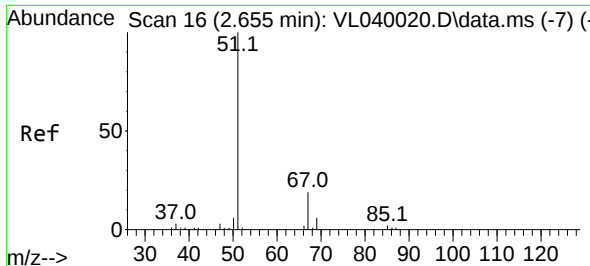
Tgt Ion: 49 Resp: 1016928
Ion Ratio Lower Upper
49 100
128 48.9 22.4 67.3
130 61.8 28.9 86.8



#2
Dichlorodifluoromethane
Concen: 0.229 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 85 Resp: 43651
Ion Ratio Lower Upper
85 100
87 39.6 26.6 40.0

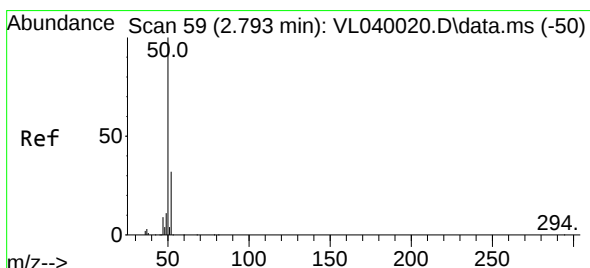
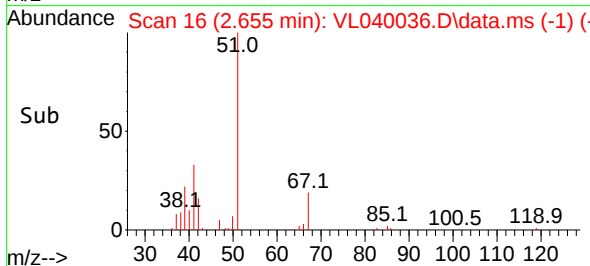
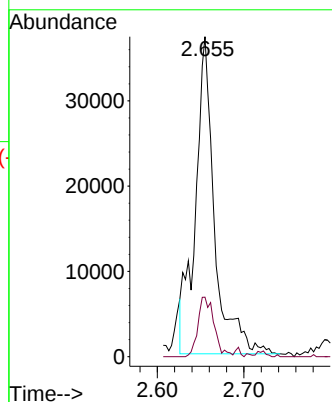
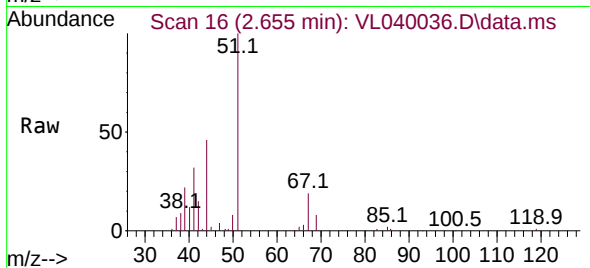




#3
Chlorodifluoromethane
Concen: 0.384 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

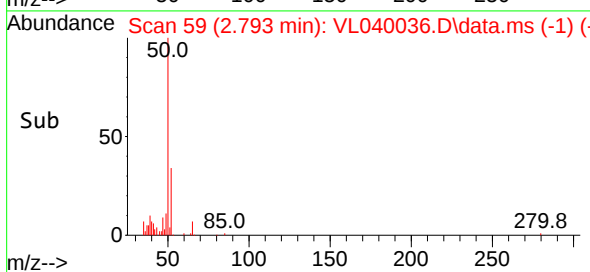
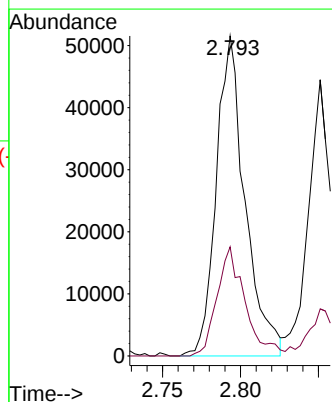
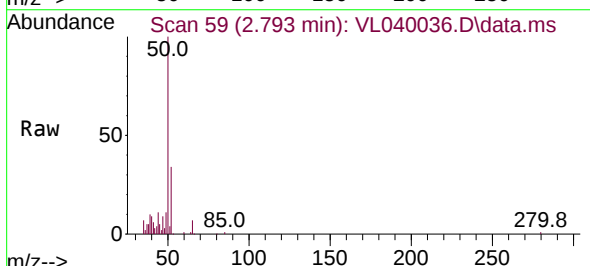
Instrument :
MSVOA_L
ClientSampleId :

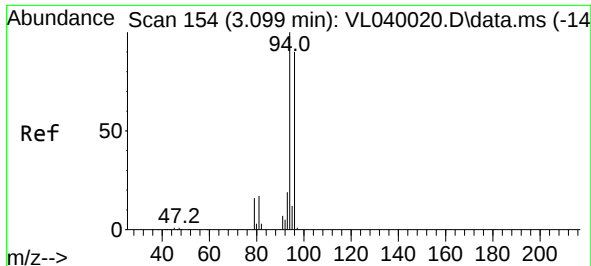
Tgt Ion: 51 Resp: 57553
Ion Ratio Lower Upper
51 100
67 15.6 15.3 22.9



#4
Chloromethane
Concen: 0.703 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 50 Resp: 66087
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

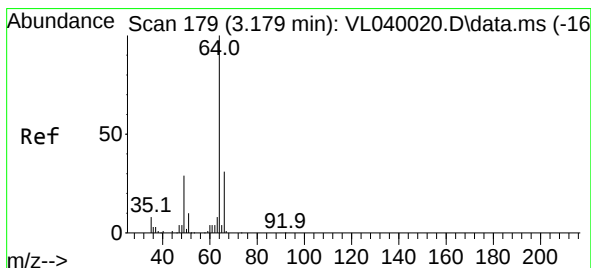
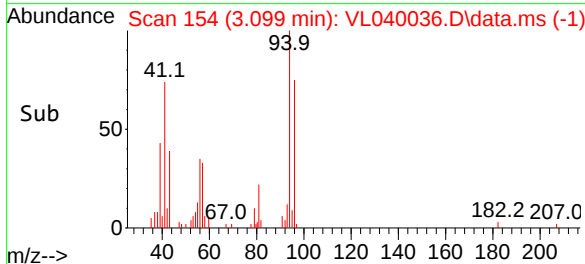
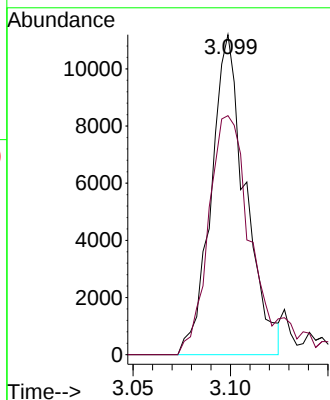
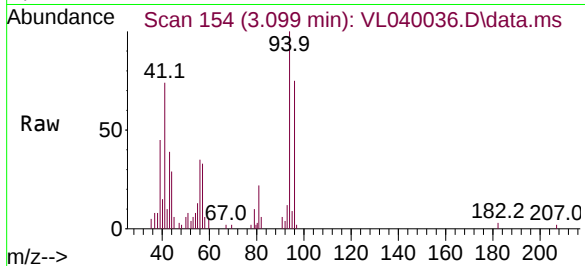




#6
Bromomethane
Concen: 0.491 ppbv
RT: 3.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

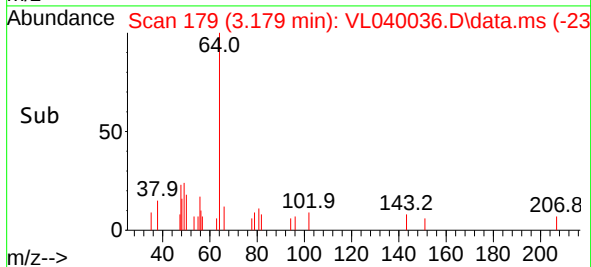
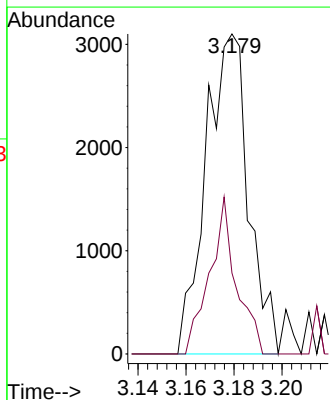
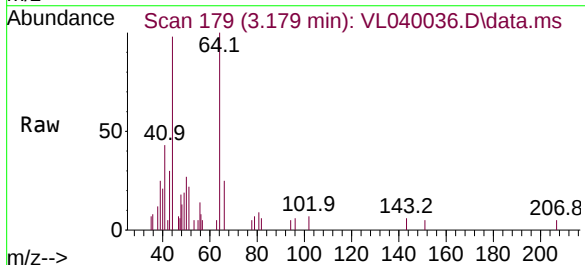
Instrument :
MSVOA_L
ClientSampleId :

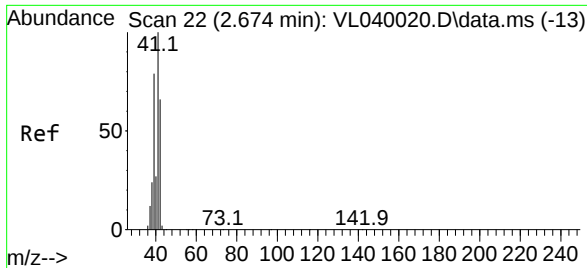
Tgt Ion: 94 Resp: 13711
Ion Ratio Lower Upper
94 100
96 74.7 72.0 108.0



#7
Chloroethane
Concen: 0.133 ppbv
RT: 3.179 min Scan# 179
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 64 Resp: 3821
Ion Ratio Lower Upper
64 100
66 25.3 24.6 37.0

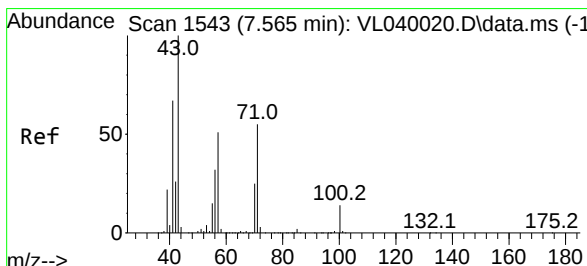
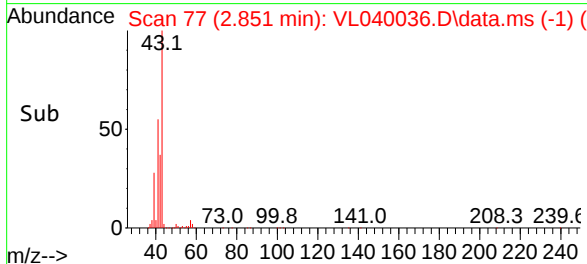
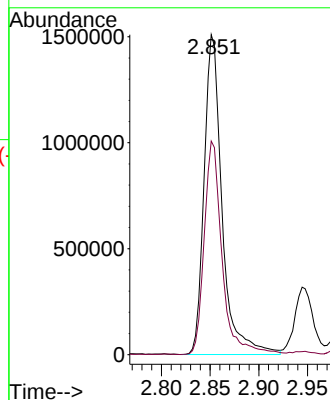
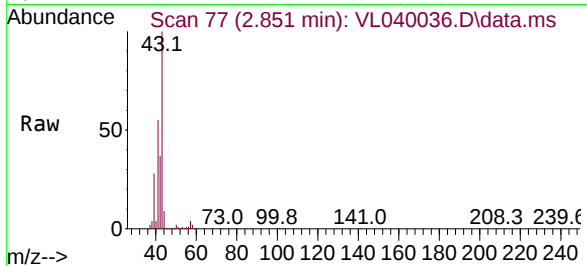




#9
 Propene
 Concen: 30.499 ppbv
 RT: 2.851 min Scan# 71
 Delta R.T. 0.177 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

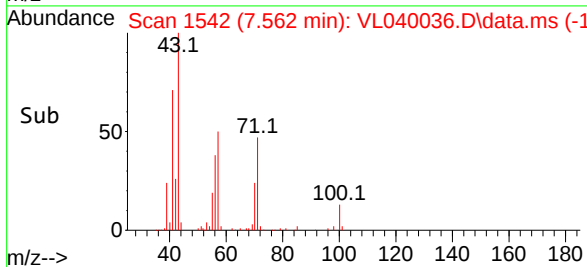
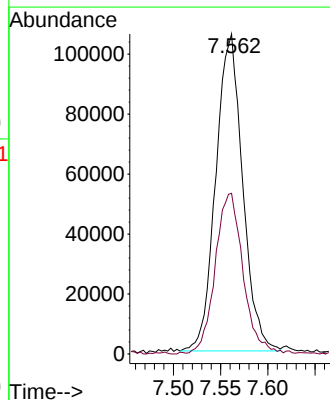
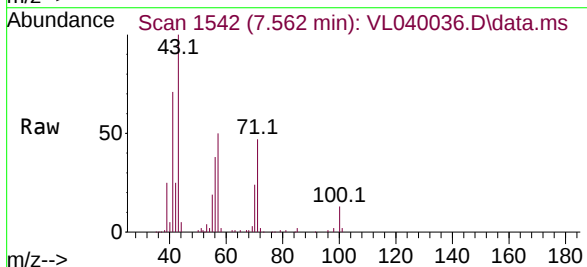
Instrument :
 MSVOA_L
 ClientSampleId :

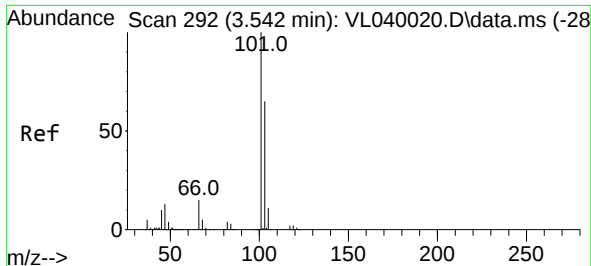
Tgt Ion: 41 Resp: 1941986
 Ion Ratio Lower Upper
 41 100
 42 66.3 54.8 82.2



#10
 Heptane
 Concen: 1.344 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. -0.003 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Tgt Ion: 43 Resp: 208941
 Ion Ratio Lower Upper
 43 100
 57 53.2 41.2 61.8

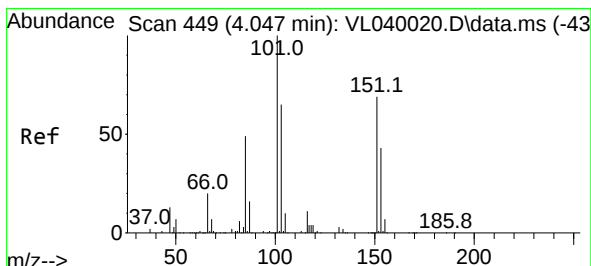
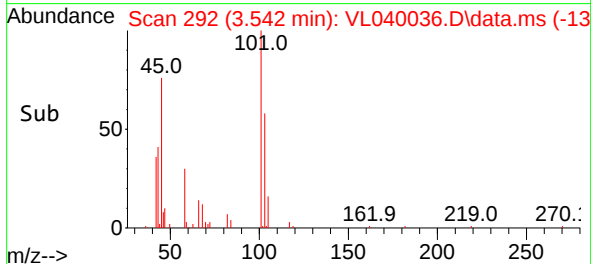
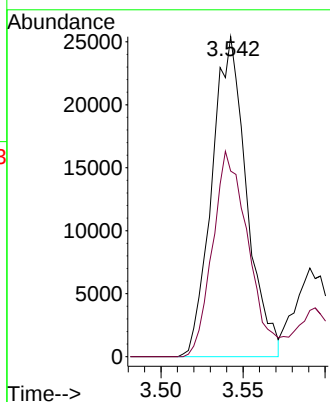
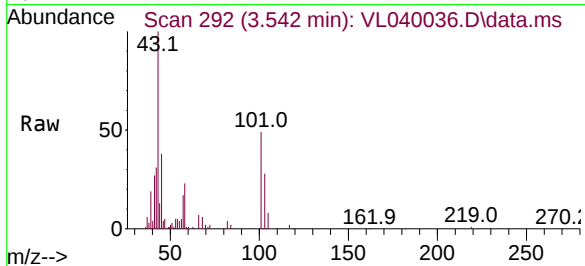




#11
 Trichlorofluoromethane
 Concen: 0.180 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

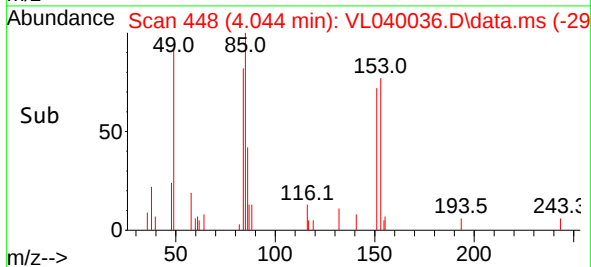
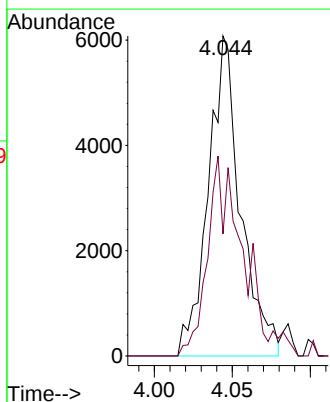
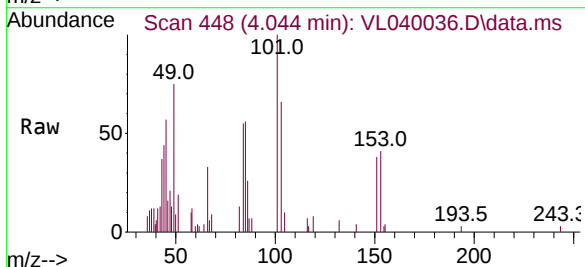
Instrument :
 MSVOA_L
 ClientSampleId :

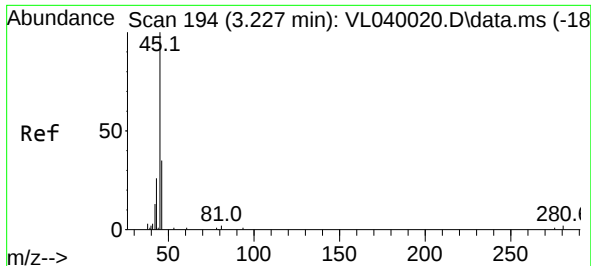
Tgt Ion:101 Resp: 37325
 Ion Ratio Lower Upper
 101 100
 103 58.0 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.056 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.003 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Tgt Ion:101 Resp: 8753
 Ion Ratio Lower Upper
 101 100
 151 69.4 55.0 82.4

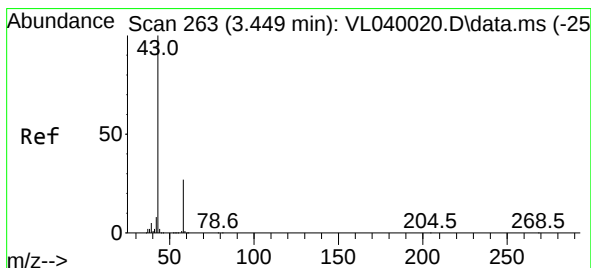
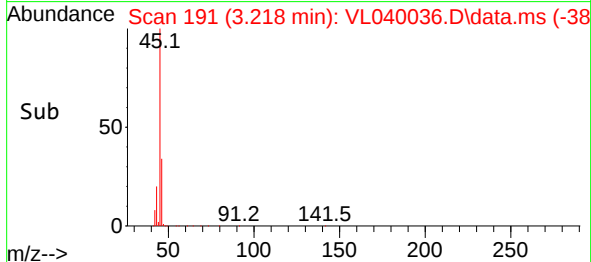
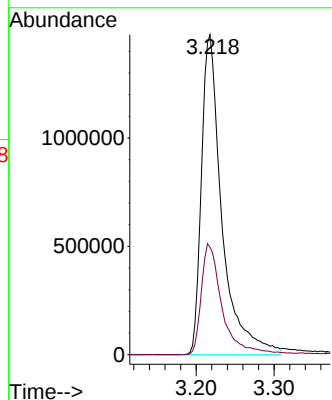
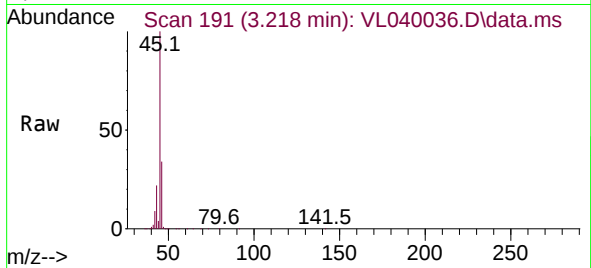




#13
Ethanol
Concen: 449.946 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

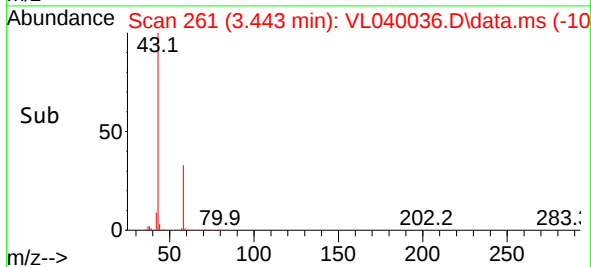
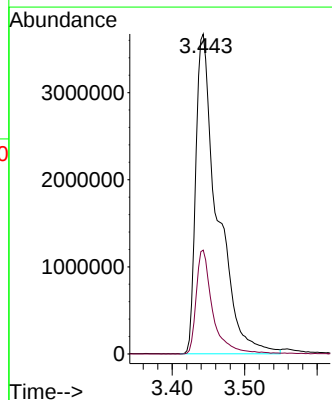
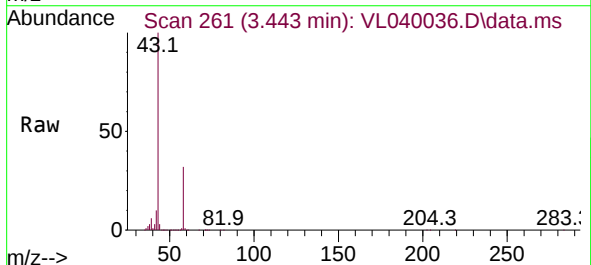
Instrument :
MSVOA_L
ClientSampleId :

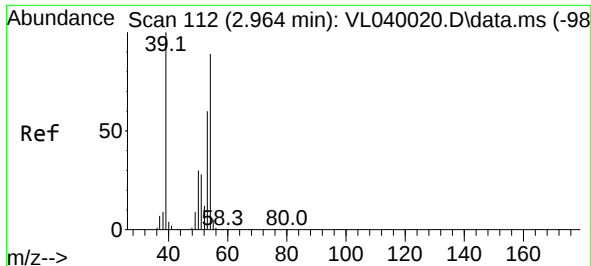
Tgt Ion: 45 Resp: 2696475
Ion Ratio Lower Upper
45 100
46 36.3 13.7 54.7



#15
Acetone
Concen: 48.224 ppbv
RT: 3.443 min Scan# 261
Delta R.T. -0.006 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 43 Resp: 7586255
Ion Ratio Lower Upper
43 100
58 25.3 21.8 32.8

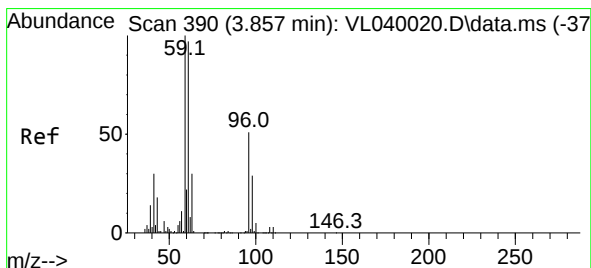
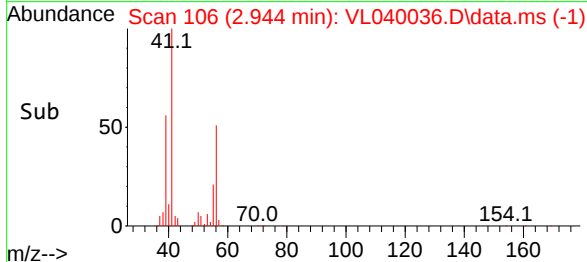
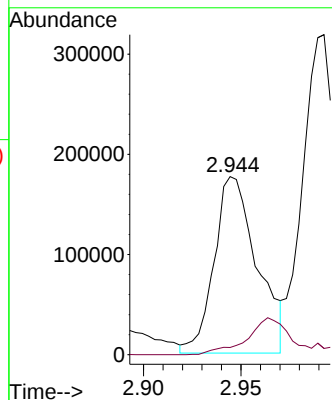
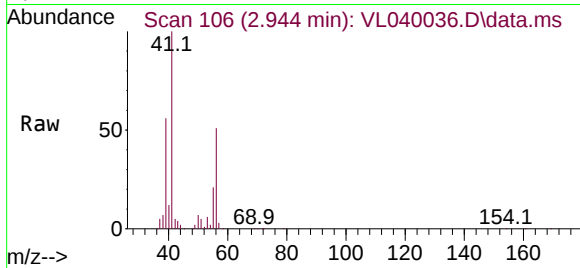




#16
1,3-Butadiene
Concen: 3.941 ppbv
RT: 2.944 min Scan# 106
Delta R.T. -0.019 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

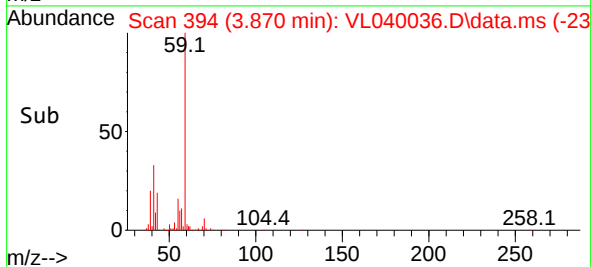
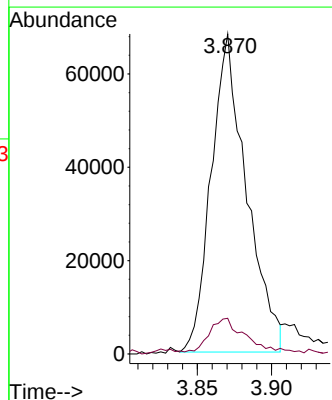
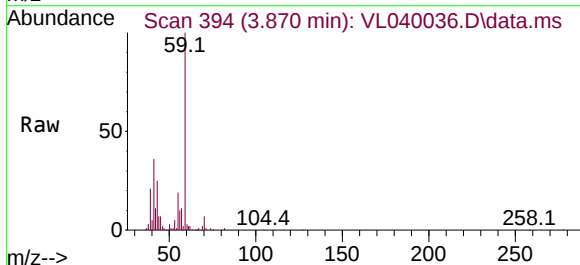
Instrument :
MSVOA_L
ClientSampleId :

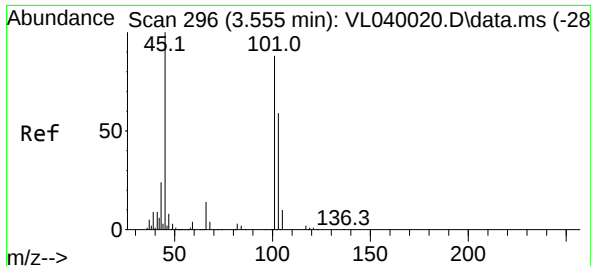
Tgt Ion: 39 Resp: 269457
Ion Ratio Lower Upper
39 100
54 23.5 68.3 102.5#



#17
tert-Butyl alcohol
Concen: 0.727 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.013 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 59 Resp: 112737
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 0.365 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.035 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

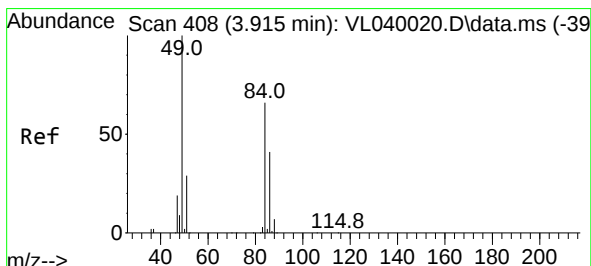
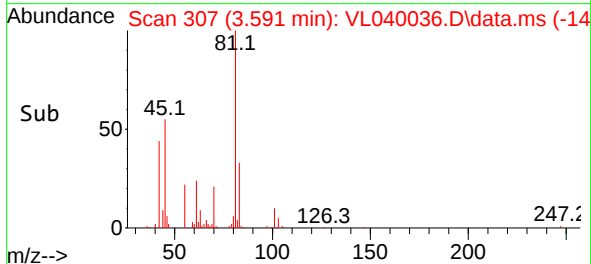
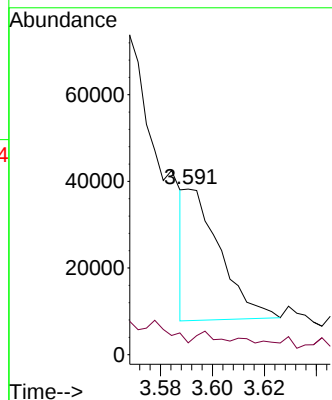
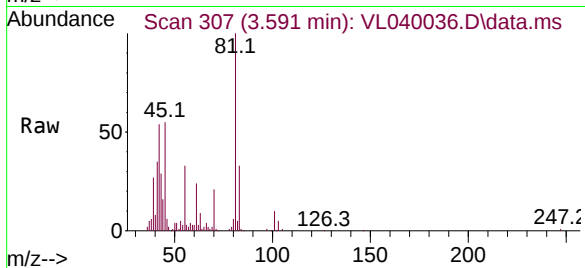
ClientSampleId :

Tgt Ion: 45 Resp: 28328

Ion Ratio Lower Upper

45 100

58 0.0 1.7 2.5#



#20

Methylene Chloride

Concen: 15.372 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Tgt Ion: 84 Resp: 1027868

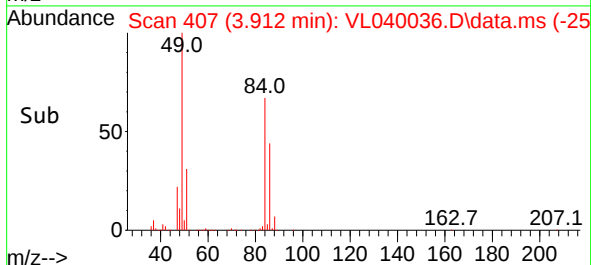
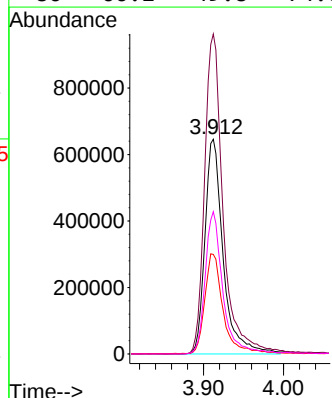
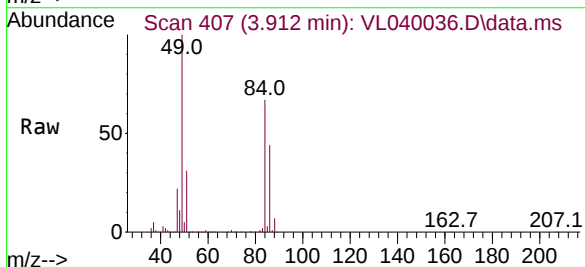
Ion Ratio Lower Upper

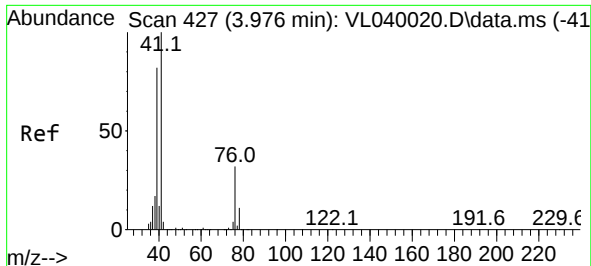
84 100

49 149.0 120.5 180.7

51 46.2 35.2 52.8

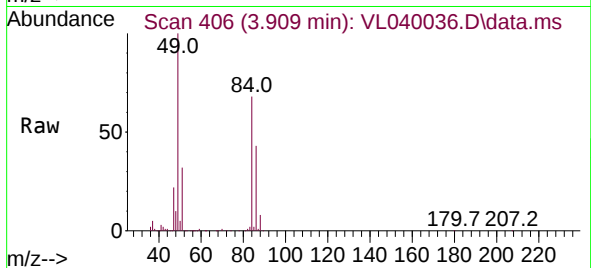
86 66.2 49.8 74.6



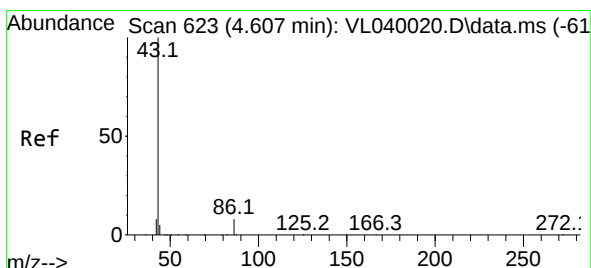
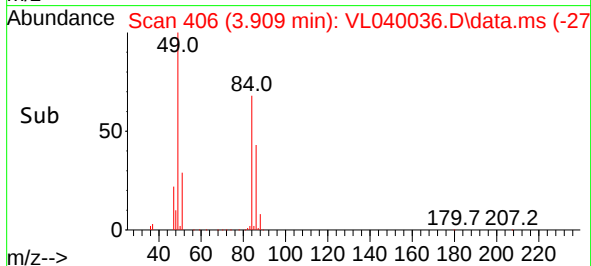
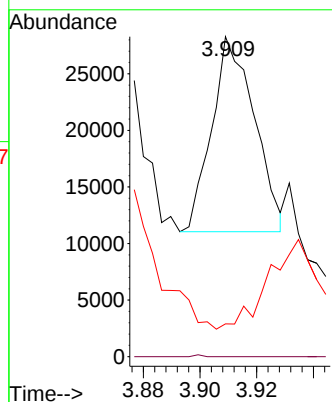


#21
 Allyl Chloride
 Concen: 0.190 ppbv
 RT: 3.909 min Scan# 406
 Delta R.T. -0.067 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Instrument :
 MSVOA_L
 ClientSampleId :

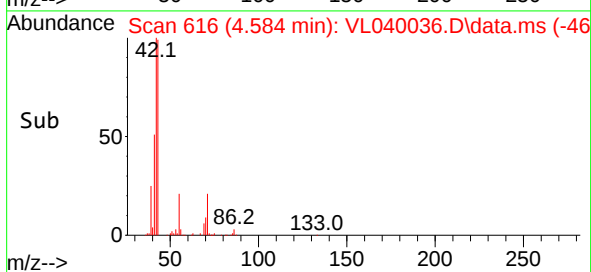
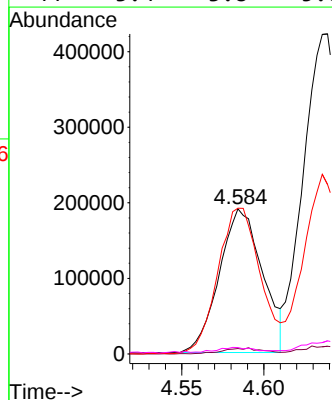
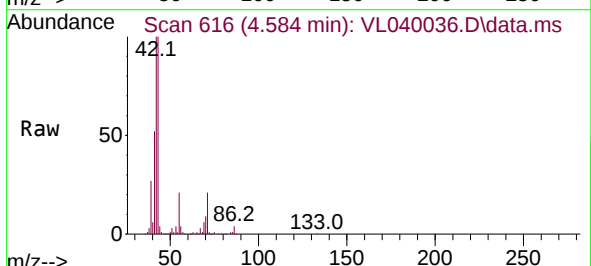


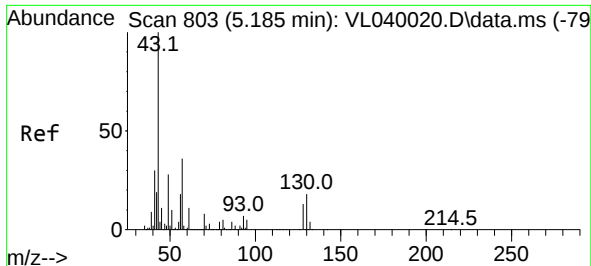
Tgt Ion: 41 Resp: 17996
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.9 38.9#
 39 100.4 66.0 99.0#



#23
 Vinyl Acetate
 Concen: 6.972 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. -0.022 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Tgt Ion: 43 Resp: 347726
 Ion Ratio Lower Upper
 43 100
 86 3.6 5.3 7.9#
 42 100.5 7.4 11.0#
 44 3.4 3.8 5.6#





#25

Ethyl Acetate

Concen: 2.217 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.006 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 604079

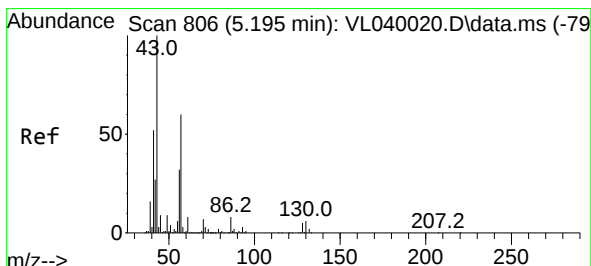
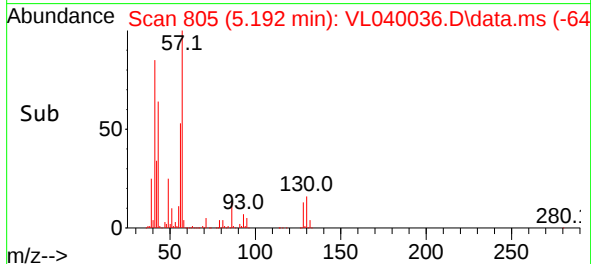
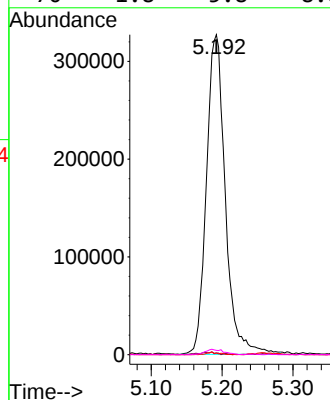
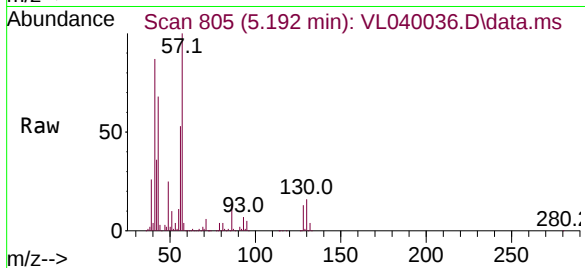
Ion Ratio Lower Upper

43 100

45 0.9 8.6 12.8#

61 0.5 8.5 12.7#

70 1.8 5.8 8.8#



#26

Hexane

Concen: 7.616 ppbv

RT: 5.192 min Scan# 805

Delta R.T. -0.003 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Tgt Ion: 57 Resp: 872067

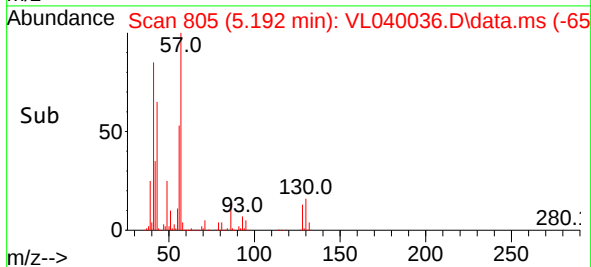
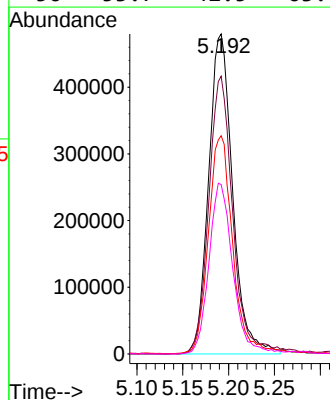
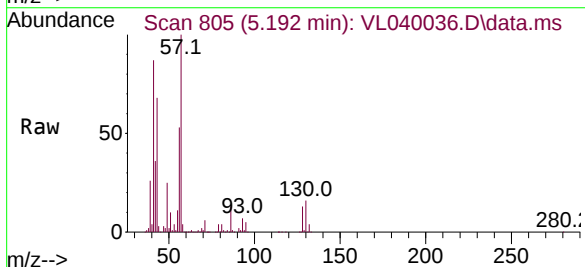
Ion Ratio Lower Upper

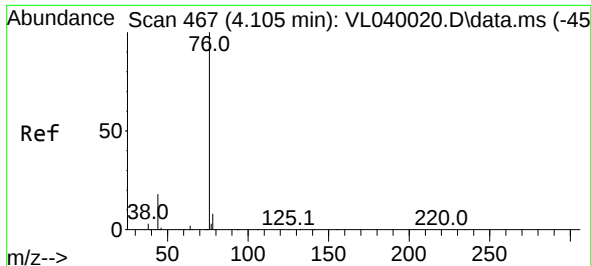
57 100

41 88.3 72.1 108.1

43 69.4 192.1 288.1#

56 53.7 42.5 63.7

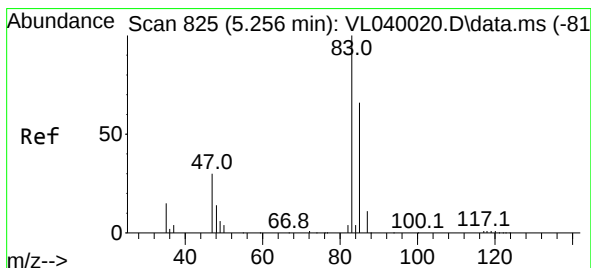
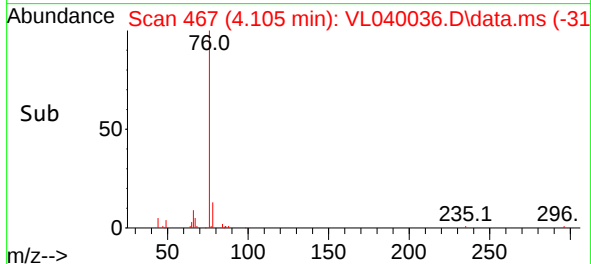
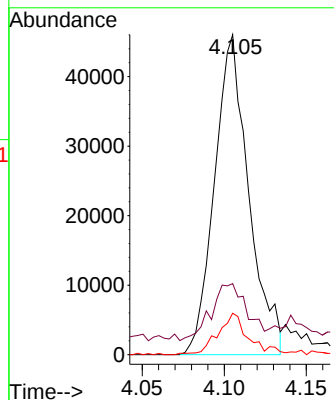
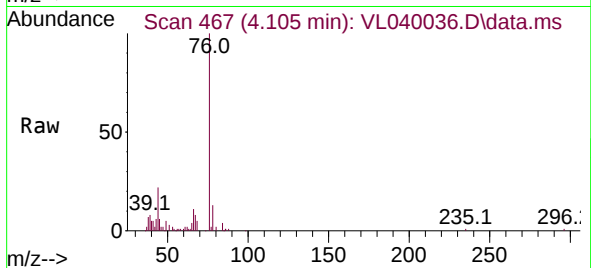




#27
Carbon Disulfide
Concen: 0.462 ppbv
RT: 4.105 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

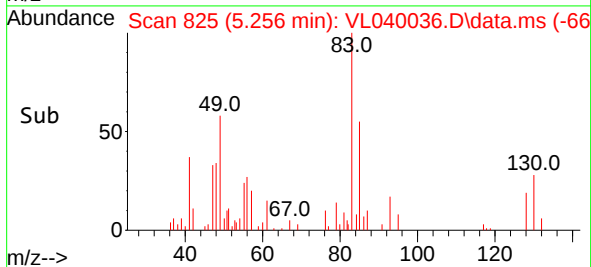
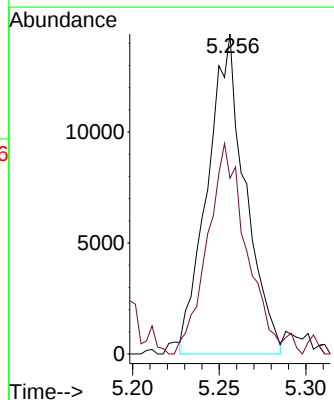
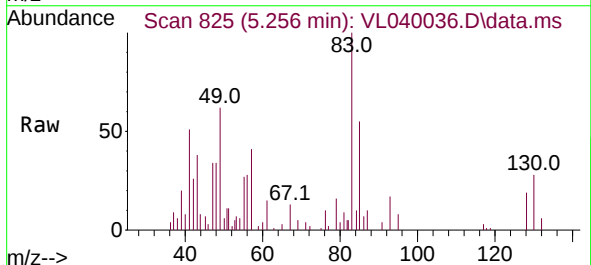
Instrument :
MSVOA_L
ClientSampleId :

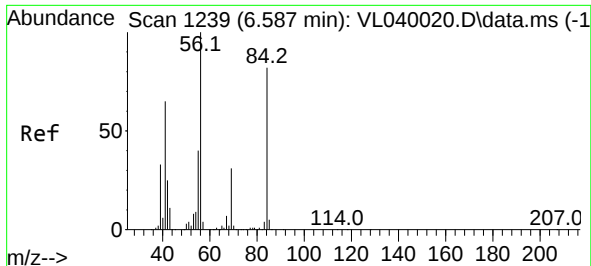
Tgt Ion: 76 Resp: 66753
Ion Ratio Lower Upper
76 100
44 19.2 15.3 22.9
78 12.8 7.8 11.6#



#29
Chloroform
Concen: 0.126 ppbv
RT: 5.256 min Scan# 825
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 83 Resp: 21930
Ion Ratio Lower Upper
83 100
85 53.1 52.4 78.6

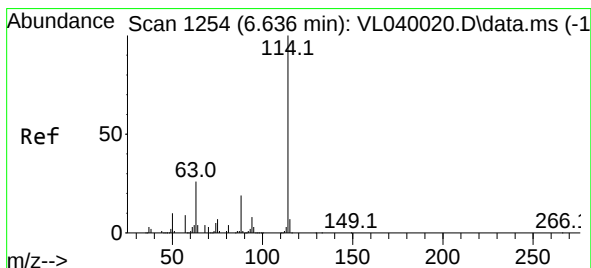
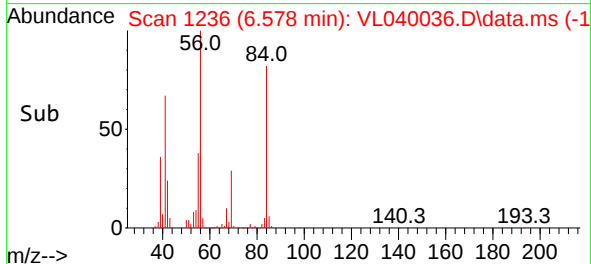
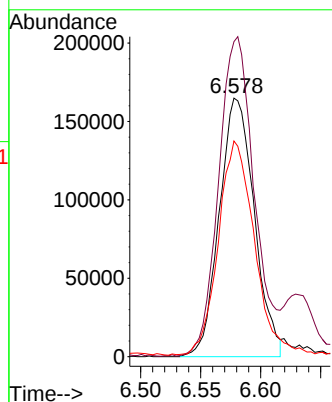
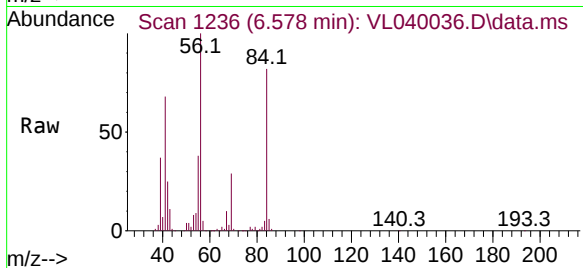




#30
Cyclohexane
Concen: 3.297 ppbv
RT: 6.578 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

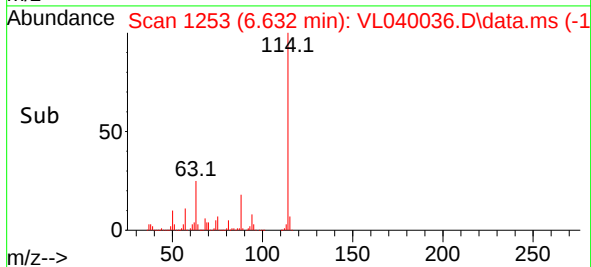
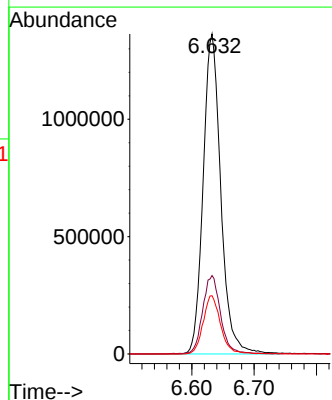
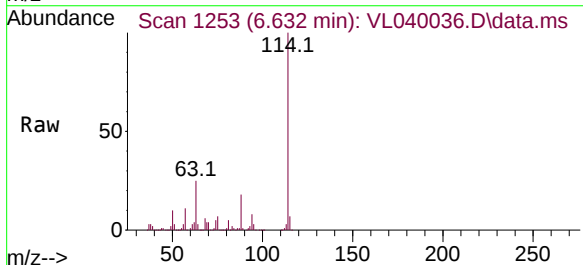
Instrument :
MSVOA_L
ClientSampleId :

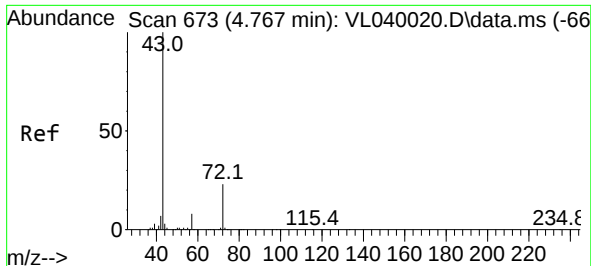
Tgt Ion: 84 Resp: 334353
Ion Ratio Lower Upper
84 100
56 147.7 110.2 165.4
41 87.6 67.8 101.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 114 Resp: 2683958
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.2
88 18.0 14.6 21.8

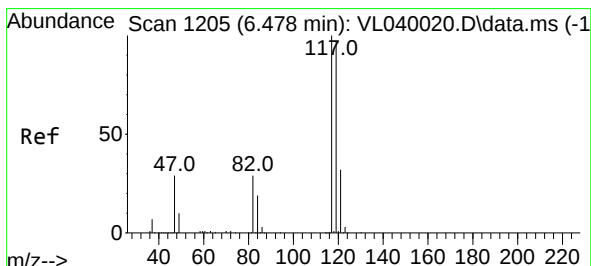
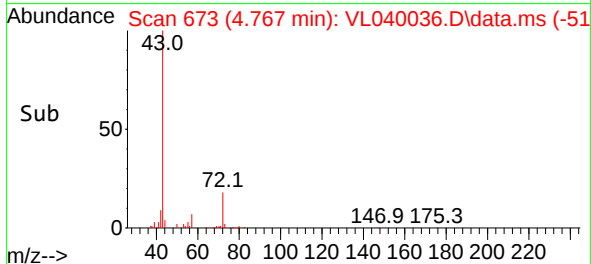
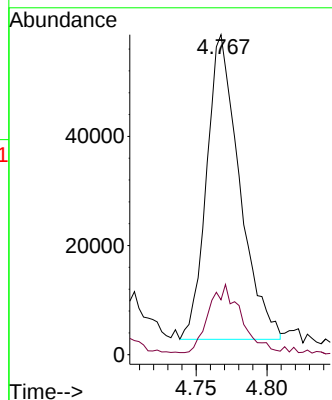
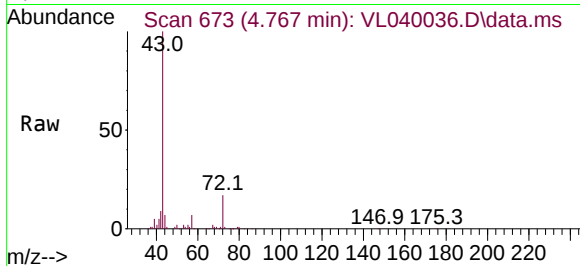




#34
2-Butanone
Concen: 0.619 ppbv
RT: 4.767 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

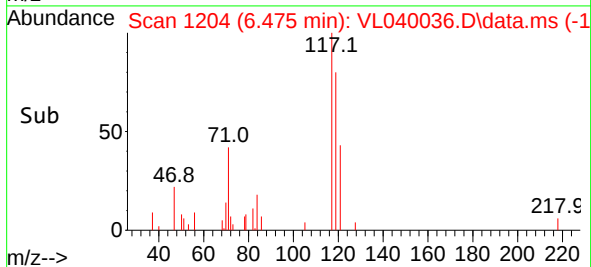
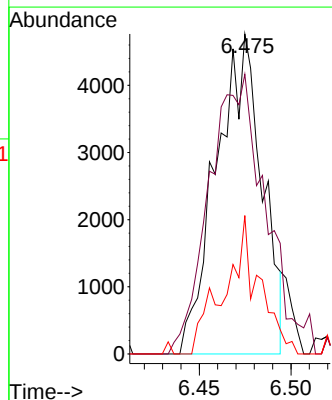
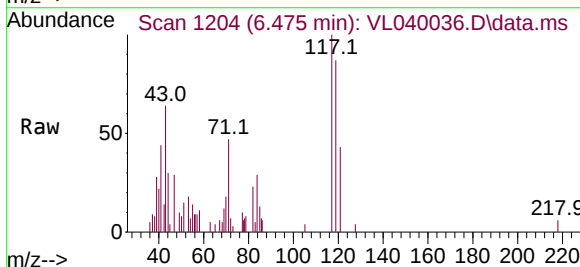
Instrument :
MSVOA_L
ClientSampleId :

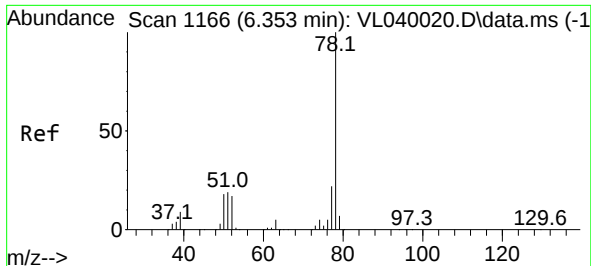
Tgt Ion: 43 Resp: 90135
Ion Ratio Lower Upper
43 100
72 25.2 18.0 27.0



#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 6.475 min Scan# 1204
Delta R.T. -0.003 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 117 Resp: 8289
Ion Ratio Lower Upper
117 100
119 81.2 77.3 115.9
121 43.2 25.4 38.0#

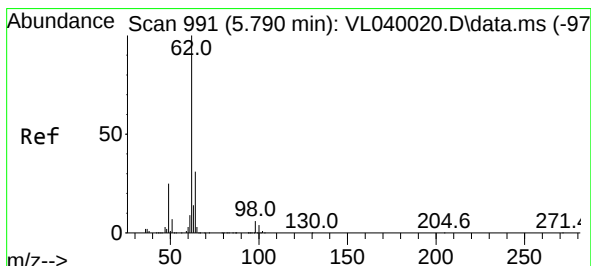
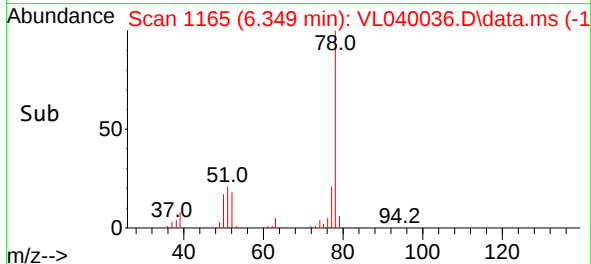
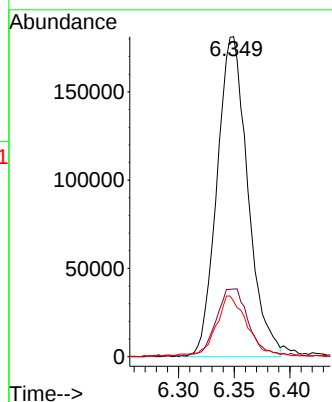
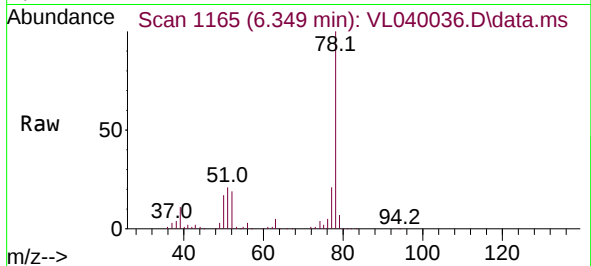




#36
Benzene
Concen: 1.457 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

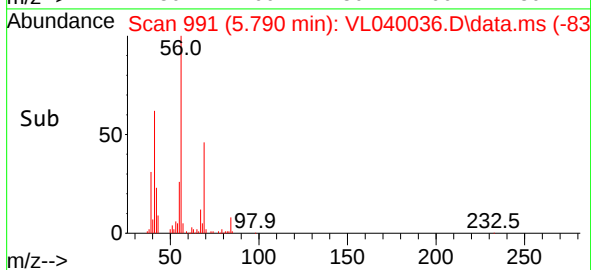
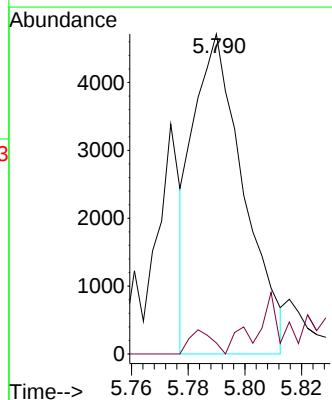
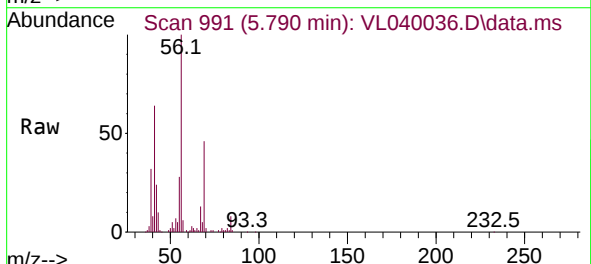
Instrument :
MSVOA_L
ClientSampleId :

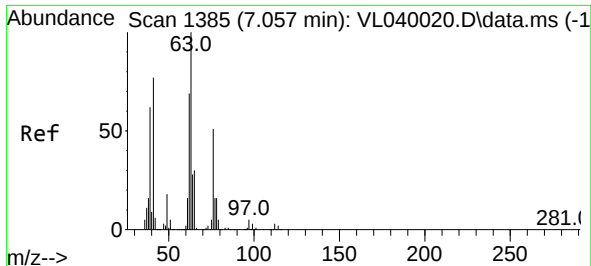
Tgt Ion: 78 Resp: 349245
Ion Ratio Lower Upper
78 100
77 20.6 17.5 26.3
50 16.6 14.2 21.2



#37
1,2-Dichloroethane
Concen: 0.042 ppbv
RT: 5.790 min Scan# 991
Delta R.T. 0.000 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 62 Resp: 5836
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7#





#39

1,2-Dichloropropane

Concen: 7.248 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.424 min

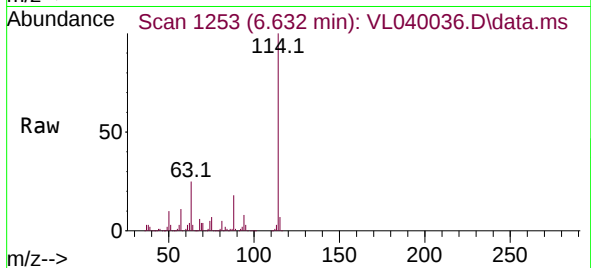
Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

ClientSampleId :



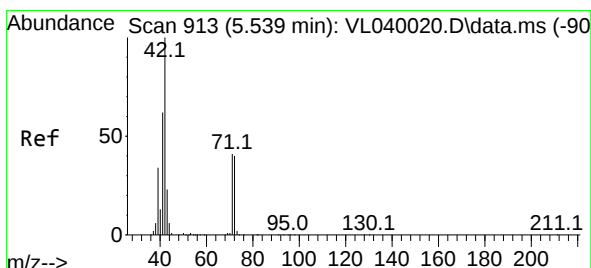
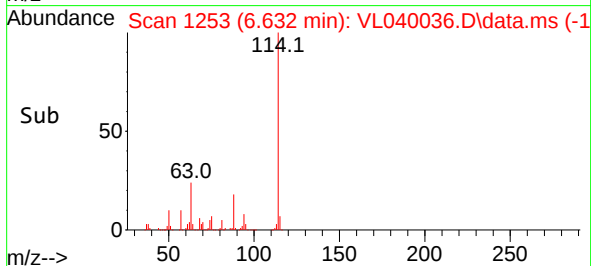
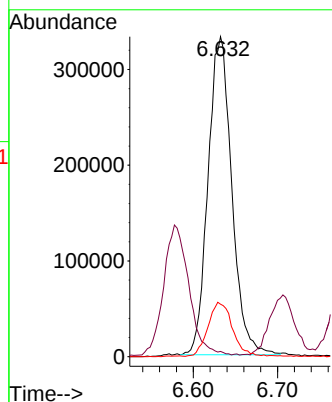
Tgt Ion: 63 Resp: 651170

Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 16.2 55.4 83.2#



#41

Tetrahydrofuran

Concen: 0.888 ppbv

RT: 5.796 min Scan# 993

Delta R.T. 0.257 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

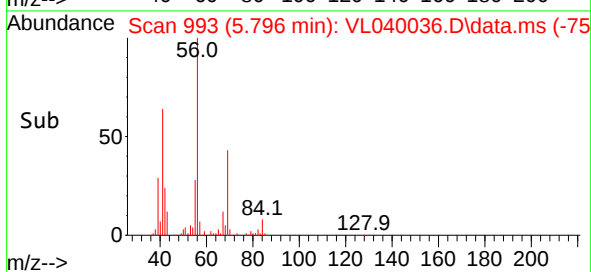
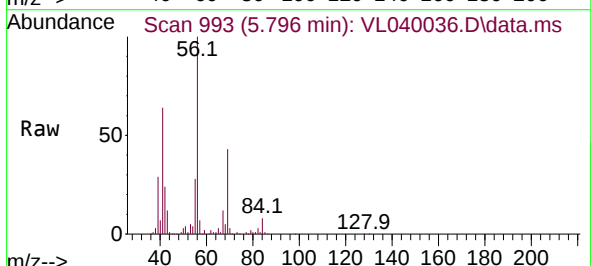
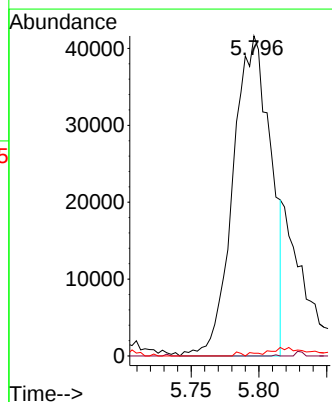
Tgt Ion: 42 Resp: 80709

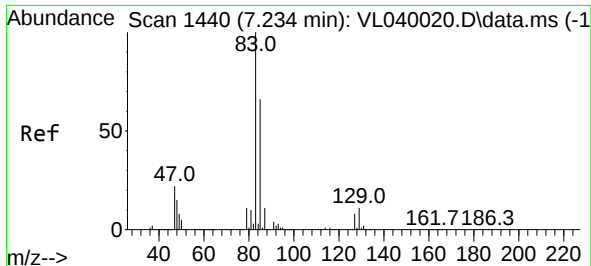
Ion Ratio Lower Upper

42 100

72 0.3 32.9 49.3#

71 3.0 32.2 48.2#





#42

Bromodichloromethane

Concen: 0.114 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.006 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

ClientSampleId :

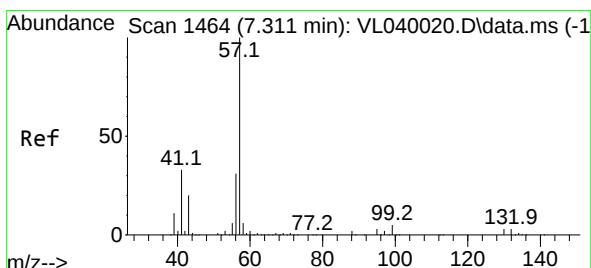
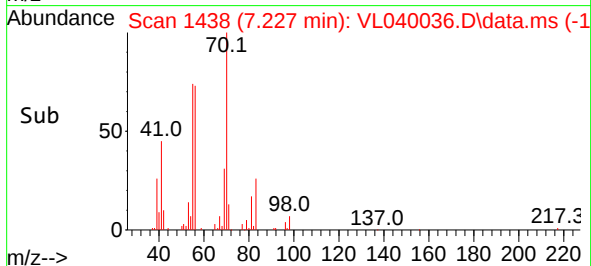
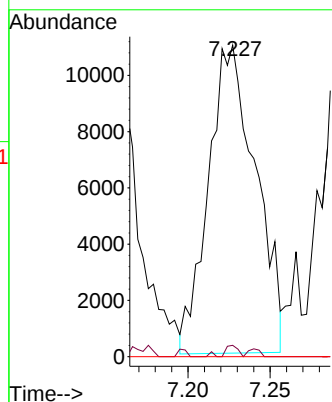
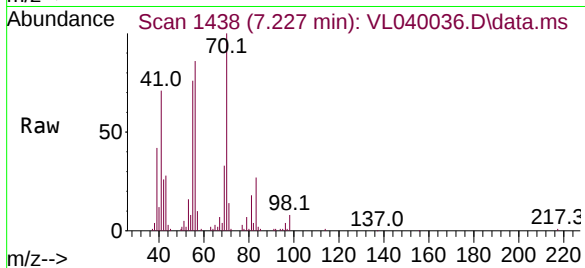
Tgt Ion: 83 Resp: 21974

Ion Ratio Lower Upper

83 100

85 3.9 53.0 79.6#

127 0.0 6.2 9.2#



#44

2,2,4-Trimethylpentane

Concen: 0.141 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. -0.006 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

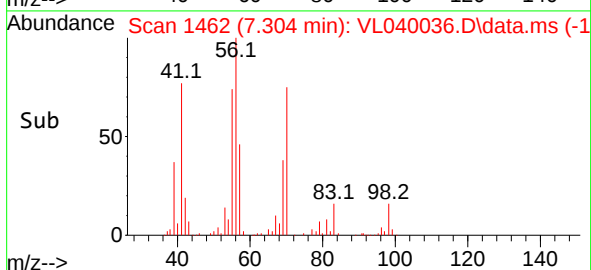
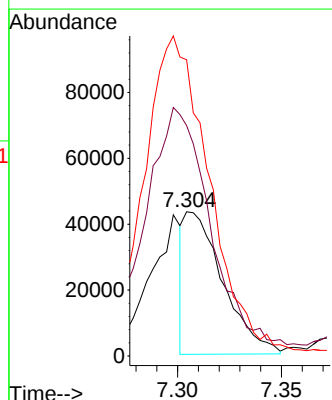
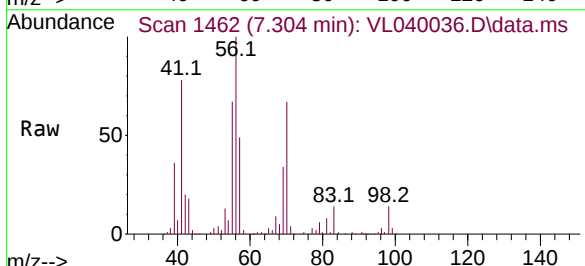
Tgt Ion: 57 Resp: 55615

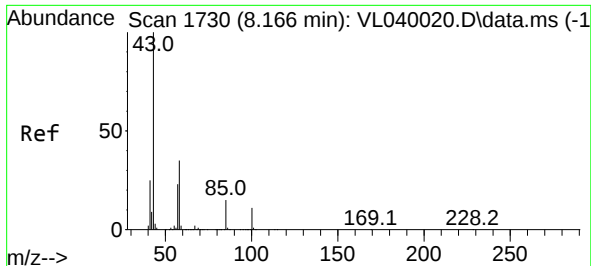
Ion Ratio Lower Upper

57 100

41 0.0 26.2 39.4#

56 0.0 25.1 37.7#





#50

4-Methyl-2-Pentanone

Concen: 0.077 ppbv

RT: 8.185 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

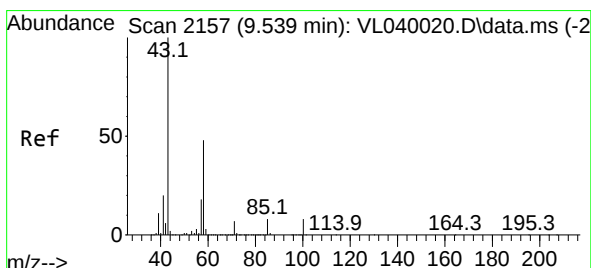
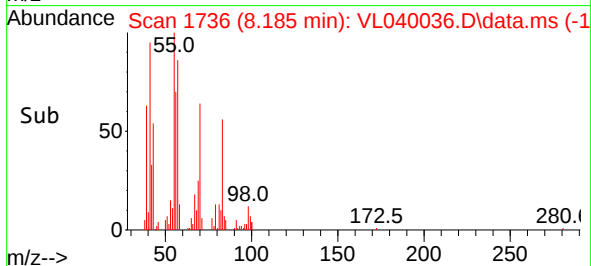
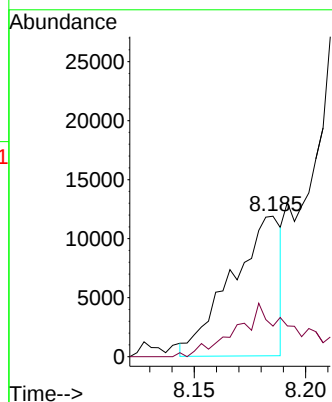
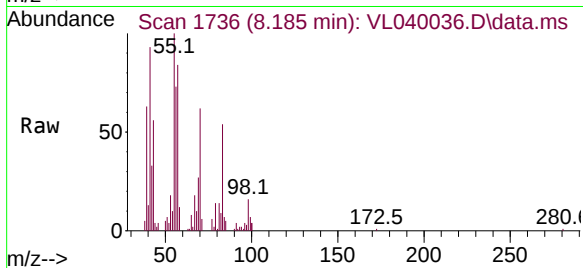
ClientSampleId :

Tgt Ion: 43 Resp: 18200

Ion Ratio Lower Upper

43 100

58 61.9 29.0 43.4#



#51

2-Hexanone

Concen: 0.151 ppbv

RT: 9.510 min Scan# 2148

Delta R.T. -0.029 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

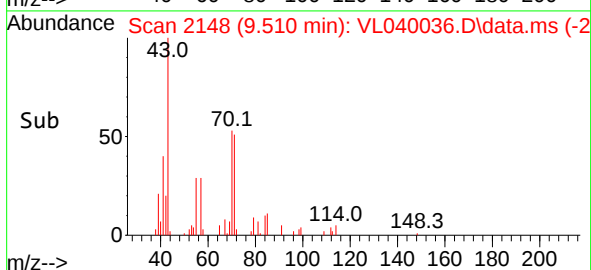
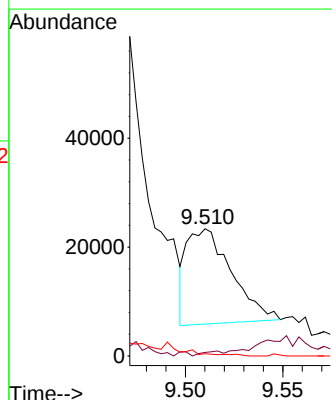
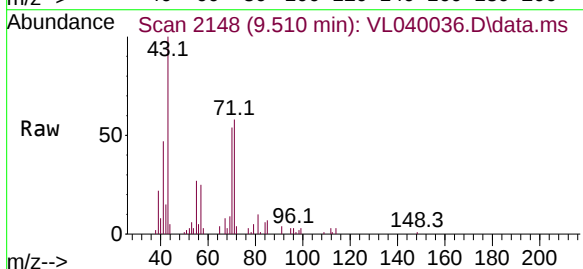
Tgt Ion: 43 Resp: 27939

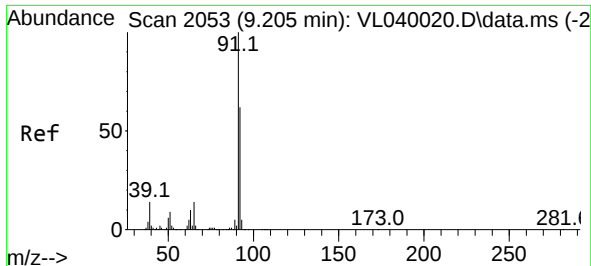
Ion Ratio Lower Upper

43 100

58 35.9 39.4 59.2#

98 0.0 0.2 0.4#

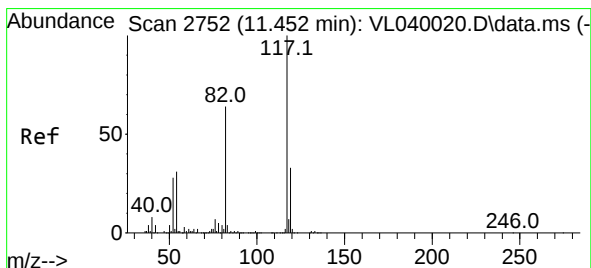
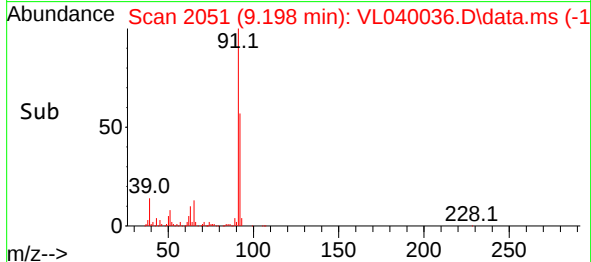
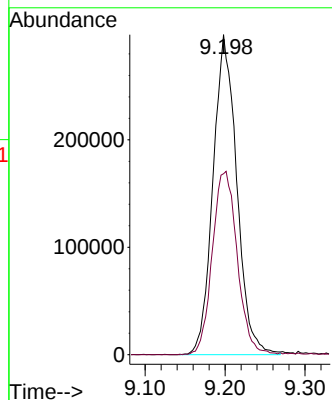
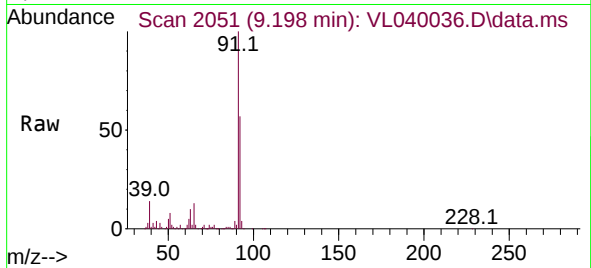




#53
Toluene
Concen: 2.312 ppbv
RT: 9.198 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

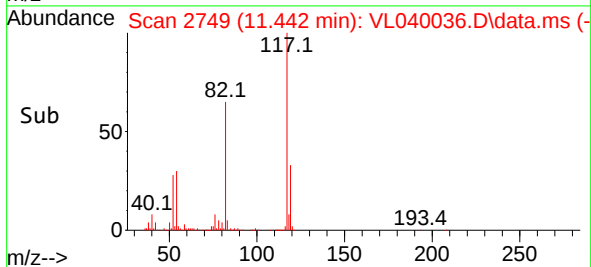
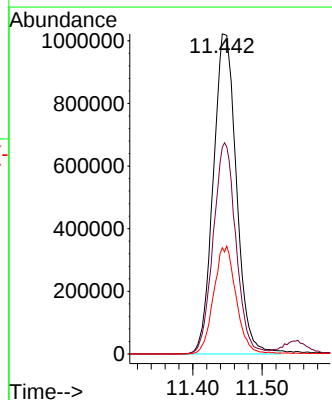
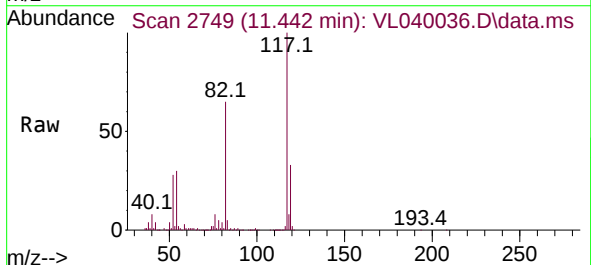
Instrument :
MSVOA_L
ClientSampleId :

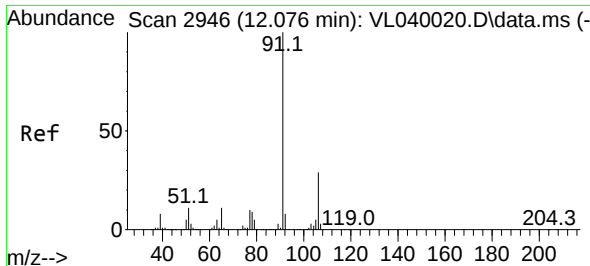
Tgt Ion: 91 Resp: 613650
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.010 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 117 Resp: 2373299
Ion Ratio Lower Upper
117 100
82 64.8 51.2 76.8
119 32.9 23.2 34.8

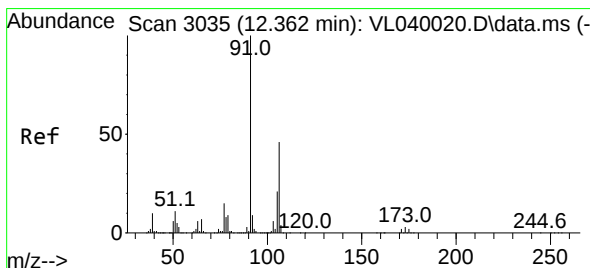
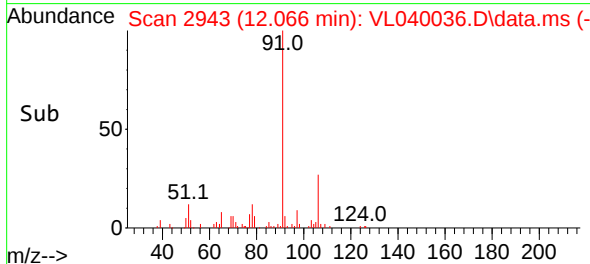
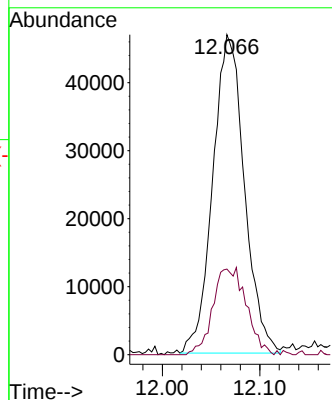
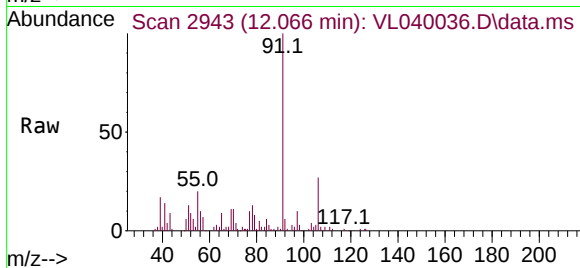




#58
Ethyl Benzene
Concen: 0.313 ppbv
RT: 12.066 min Scan# 2946
Delta R.T. -0.010 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

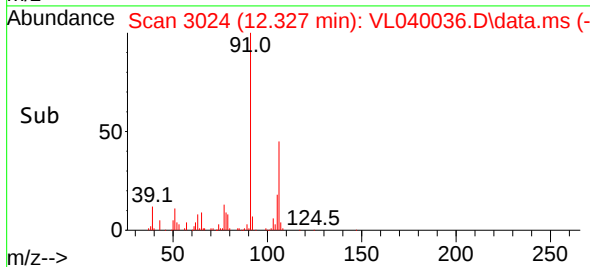
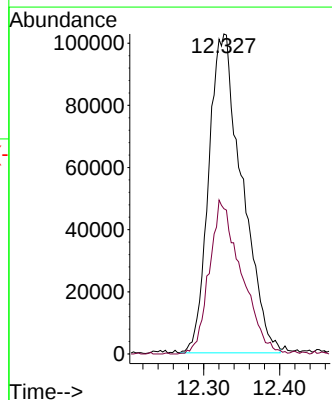
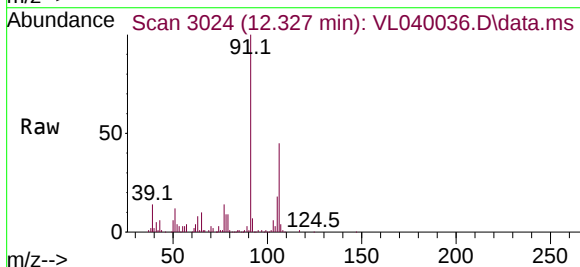
Instrument :
MSVOA_L
ClientSampleId :

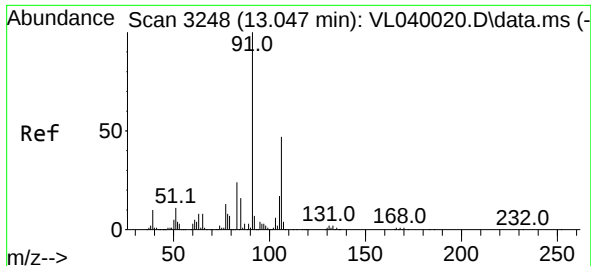
Tgt Ion: 91 Resp: 105447
Ion Ratio Lower Upper
91 100
106 26.9 23.5 35.3



#59
m/p-Xylene
Concen: 1.065 ppbv
RT: 12.327 min Scan# 3024
Delta R.T. -0.035 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion: 91 Resp: 312929
Ion Ratio Lower Upper
91 100
106 46.6 35.5 53.3

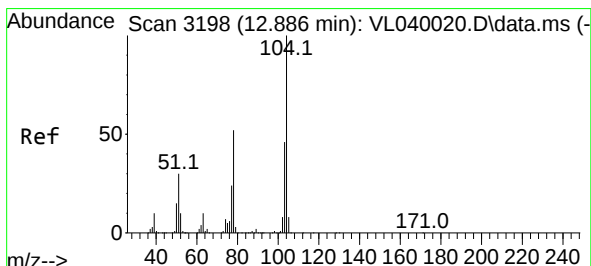
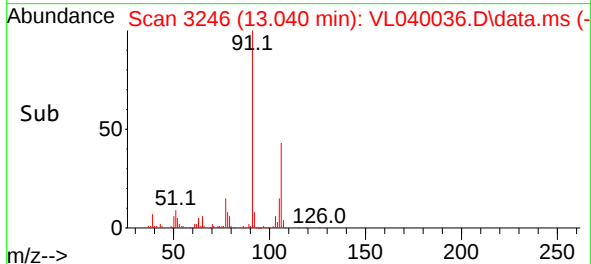
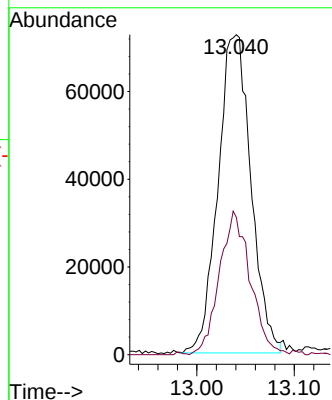
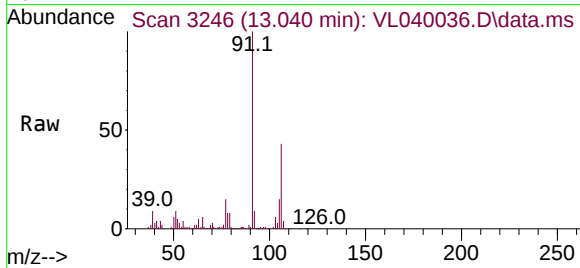




#60
o-Xylene
Concen: 0.606 ppbv
RT: 13.040 min Scan# 3196
Delta R.T. -0.006 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

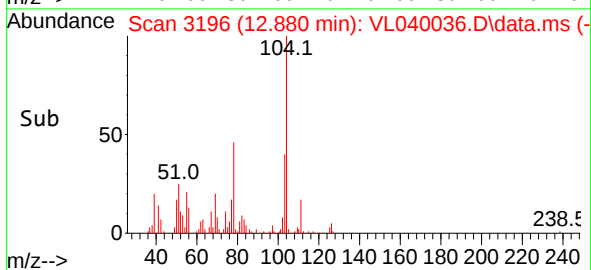
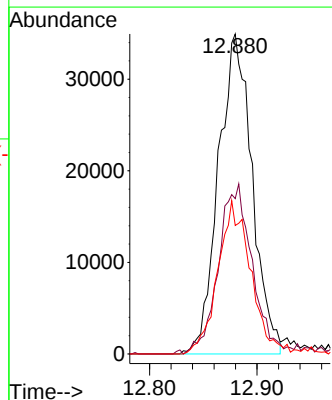
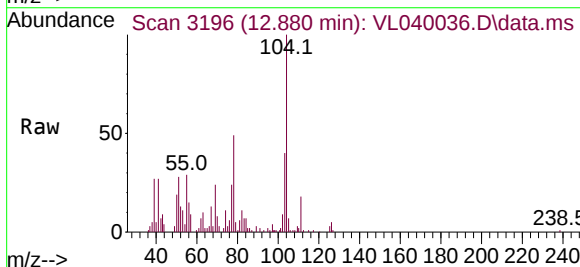
Instrument :
MSVOA_L
ClientSampleId :

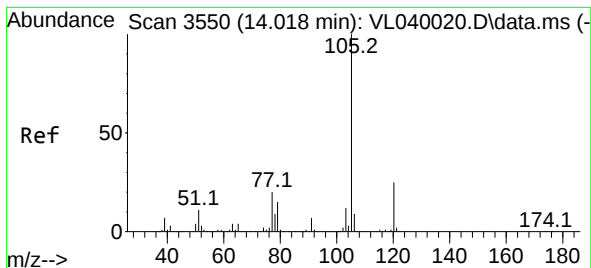
Tgt Ion: 91 Resp: 170505
Ion Ratio Lower Upper
91 100
106 42.7 22.4 67.0



#61
Styrene
Concen: 0.503 ppbv
RT: 12.880 min Scan# 3196
Delta R.T. -0.006 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion:104 Resp: 75952
Ion Ratio Lower Upper
104 100
78 54.3 42.4 63.6
103 47.9 37.2 55.8





#62

Isopropylbenzene

Concen: 0.102 ppbv

RT: 14.008 min Scan# 3

Delta R.T. -0.010 min

Lab File: VL040036.D

Acq: 19 Dec 2022 20:12

Instrument :

MSVOA_L

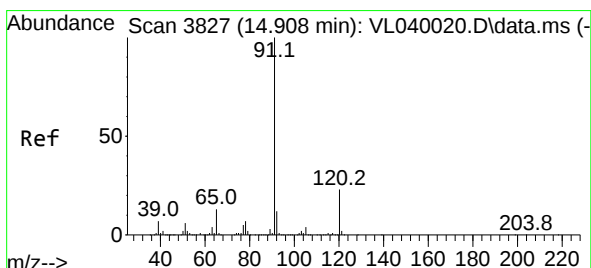
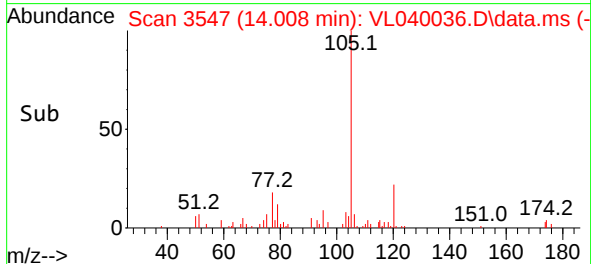
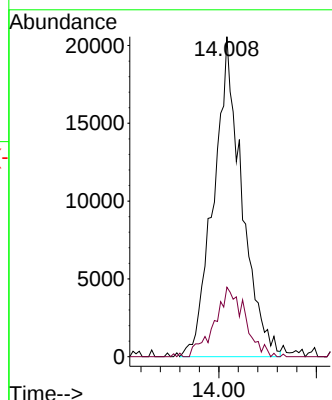
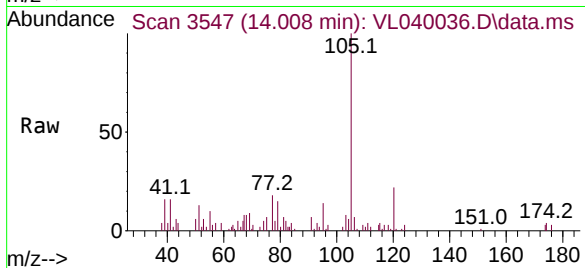
ClientSampleId :

Tgt Ion:105 Resp: 41431

Ion Ratio Lower Upper

105 100

120 23.5 20.6 31.0



#64

n-propylbenzene

Concen: 0.037 ppbv

RT: 14.896 min Scan# 3823

Delta R.T. -0.013 min

Lab File: VL040036.D

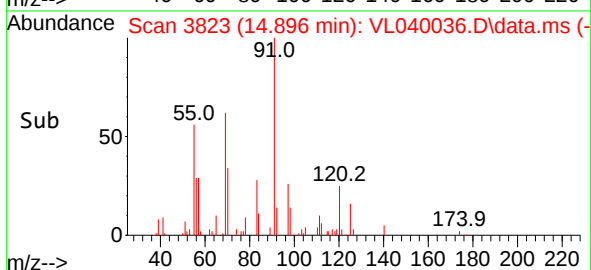
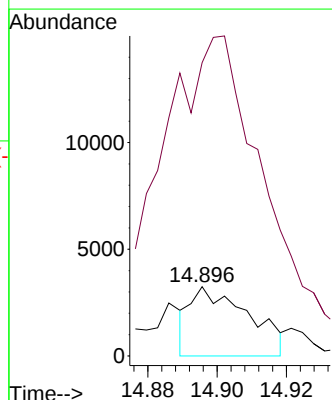
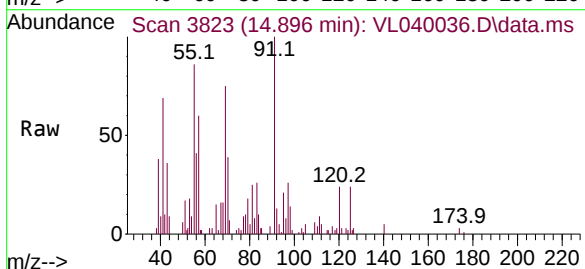
Acq: 19 Dec 2022 20:12

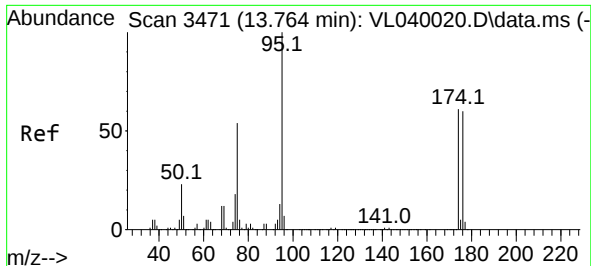
Tgt Ion:120 Resp: 3777

Ion Ratio Lower Upper

120 100

91 806.1 384.3 576.5#

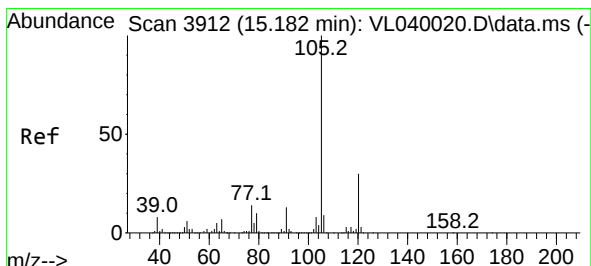
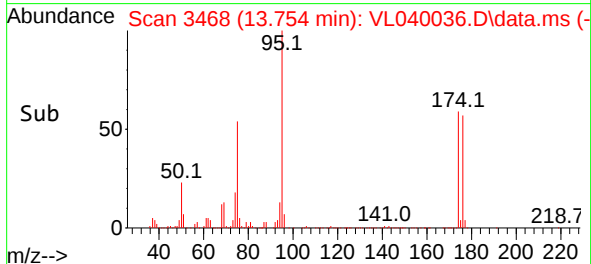
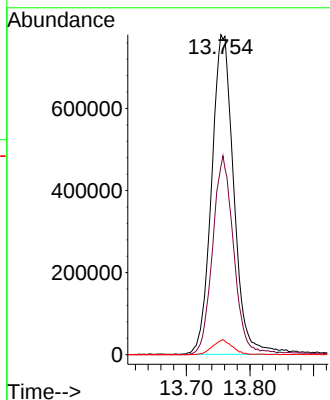
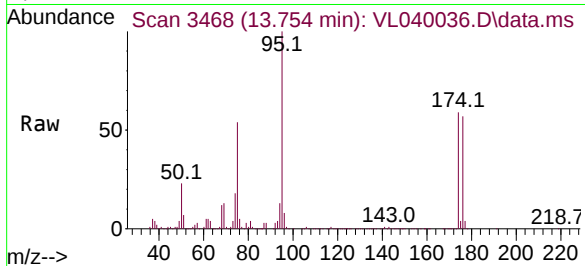




#68
1-Bromo-4-Fluorobenzene
Concen: 10.383 ppbv
RT: 13.754 min Scan# 3471
Delta R.T. -0.010 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

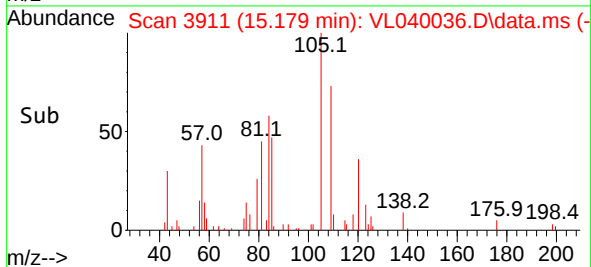
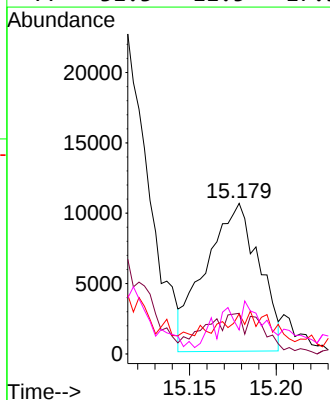
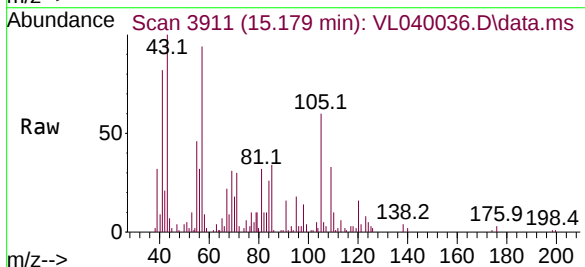
Instrument :
MSVOA_L
ClientSampleId :

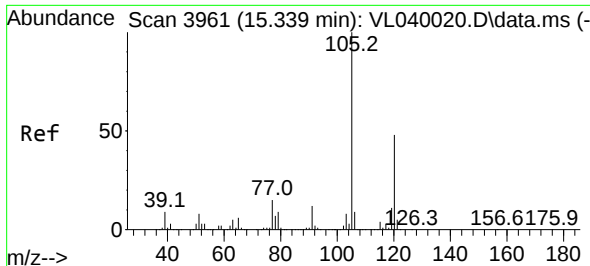
Tgt Ion: 95 Resp: 1882274
Ion Ratio Lower Upper
95 100
174 60.5 48.6 73.0
175 4.4 3.4 5.2



#72
4-Ethyltoluene
Concen: 0.072 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.003 min
Lab File: VL040036.D
Acq: 19 Dec 2022 20:12

Tgt Ion:105 Resp: 22519
Ion Ratio Lower Upper
105 100
120 32.0 23.5 35.3
91 34.2 10.5 15.7#
77 31.3 11.5 17.3#

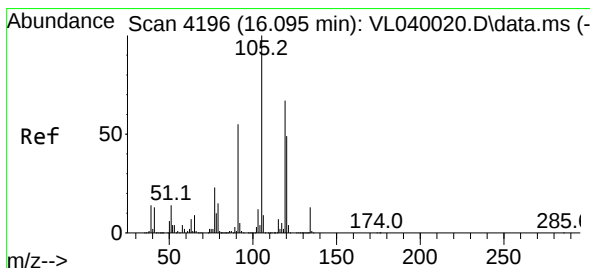
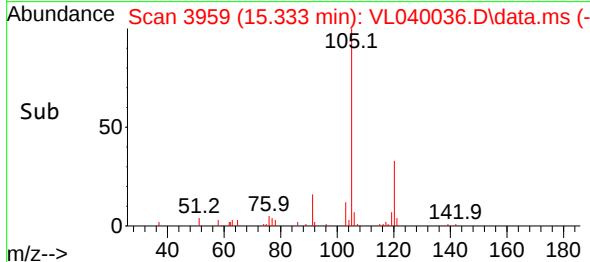
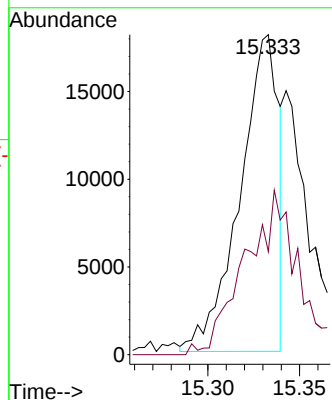
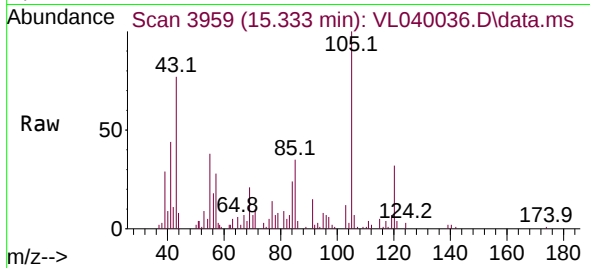




#73
 1,3,5-Trimethylbenzene
 Concen: 0.094 ppbv
 RT: 15.333 min Scan# 3959
 Delta R.T. -0.006 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:105 Resp: 26388
 Ion Ratio Lower Upper
 105 100
 120 33.0 38.4 57.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.152 ppbv
 RT: 16.085 min Scan# 4193
 Delta R.T. -0.010 min
 Lab File: VL040036.D
 Acq: 19 Dec 2022 20:12

Tgt Ion:105 Resp: 47106
 Ion Ratio Lower Upper
 105 100
 120 37.0 39.3 58.9#
 91 11.9 44.2 66.4#
 77 14.6 18.8 28.2#

