

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040038.D
 Acq On : 19 Dec 2022 21:30
 Operator : SY/MD
 Sample : N5971-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 05:16:16 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	1031267	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2764287	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2426145	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.758	95	1892231	10.210	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.710	85	47798	0.248	ppbv	97
3) Chlorodifluoromethane	2.658	51	64309	0.423	ppbv #	91
4) Chloromethane	2.793	50	50418	0.529	ppbv #	84
6) Bromomethane	3.099	94	3949	0.139	ppbv	96
9) Propene	2.851	41	1315283	20.369	ppbv	98
10) Heptane	7.555	43	215169	1.365	ppbv	99
11) Trichlorofluoromethane	3.594	101	10424	0.050	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.044	101	8971	0.056	ppbv	94
13) Ethanol	3.227	45	10932615	1798.902	ppbv	91
15) Acetone	3.443	43	4427347	27.752	ppbv #	87
16) 1,3-Butadiene	2.948	39	95144	1.372	ppbv #	53
17) tert-Butyl alcohol	3.880	59	94113	0.598	ppbv #	72
19) Isopropyl Alcohol	3.568	45	344247	4.379	ppbv #	1
20) Methylene Chloride	3.912	84	465334	6.862	ppbv	99
21) Allyl Chloride	3.877	41	28467	0.297	ppbv #	70
23) Vinyl Acetate	4.584	43	305885	6.048	ppbv #	1
25) Ethyl Acetate	5.192	43	433663	1.570	ppbv #	81
26) Hexane	5.192	57	554111	4.772	ppbv #	41
27) Carbon Disulfide	4.102	76	671565	4.585	ppbv	99
29) Chloroform	5.250	83	6850	0.039	ppbv	99
30) Cyclohexane	6.581	84	339265	3.299	ppbv	94
31) cis-1,2-Dichloroethene	5.182	61	8256	0.075	ppbv #	25
34) 2-Butanone	4.768	43	149246	0.995	ppbv	96
36) Benzene	6.346	78	654389	2.651	ppbv	99
37) 1,2-Dichloroethane	5.784	62	7139	0.049	ppbv	98
39) 1,2-Dichloropropane	6.632	63	656008	7.089	ppbv #	24
41) Tetrahydrofuran	5.793	42	94813	1.013	ppbv #	36
42) Bromodichloromethane	7.227	83	16810	0.085	ppbv #	23
44) 2,2,4-Trimethylpentane	7.301	57	92094	0.227	ppbv #	1
50) 4-Methyl-2-Pentanone	8.163	43	8903	0.036	ppbv #	39
51) 2-Hexanone	9.539	43	5911	0.031	ppbv #	28
53) Toluene	9.198	91	1496513	5.475	ppbv	99
58) Ethyl Benzene	12.066	91	903848	2.622	ppbv	100
59) m/p-Xylene	12.323	91	813831	2.710	ppbv	97
60) o-Xylene	13.037	91	485290	1.687	ppbv	99
61) Styrene	12.877	104	107546	0.697	ppbv	98
62) Isopropylbenzene	14.008	105	148723	0.359	ppbv	100
64) n-propylbenzene	14.893	120	3427	0.033	ppbv #	1
69) p-Isopropyltoluene	16.979	119	25795	0.064	ppbv #	57
72) 4-Ethyltoluene	15.172	105	101243	0.317	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.333	105	83645	0.290	ppbv	90
74) 1,2,4-Trimethylbenzene	16.085	105	127424	0.401	ppbv #	63

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Misc : 400mL/MSVOA_L
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Instrument :
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ClientSampleId :

Quant Time: Dec 20 05:16:16 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

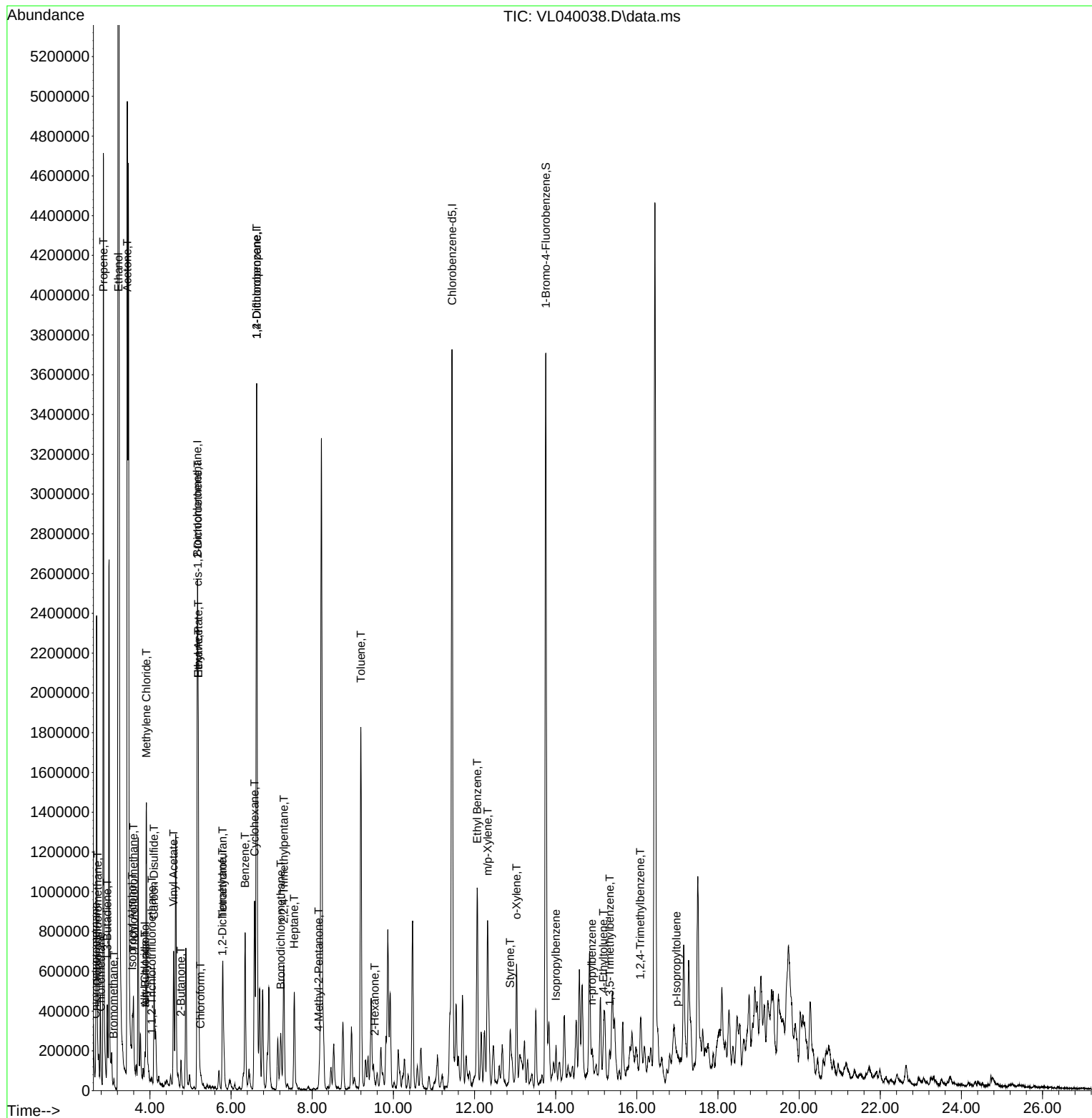
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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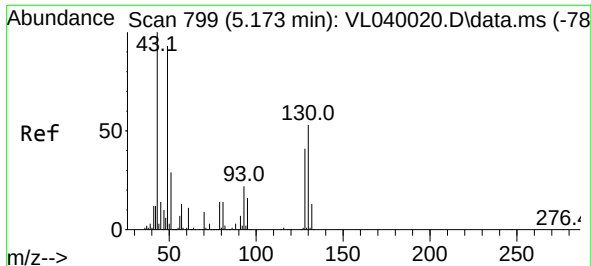
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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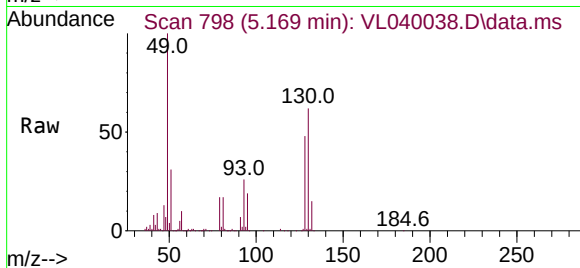
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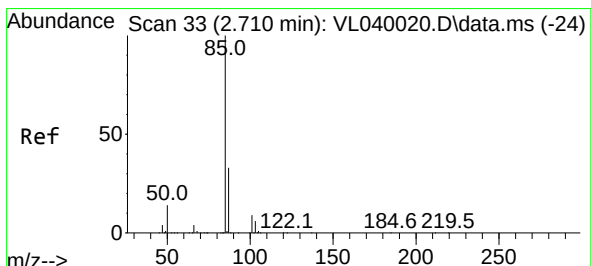
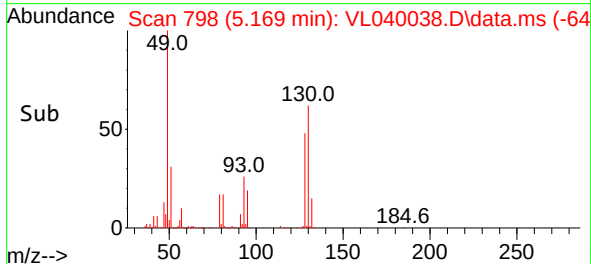
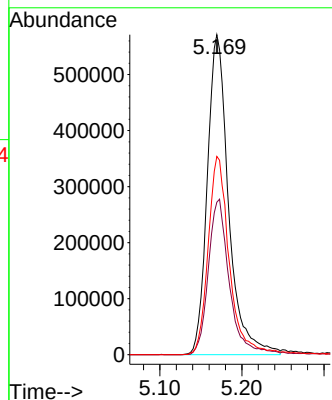
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 799
Delta R.T. -0.004 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 49 Resp: 1031267

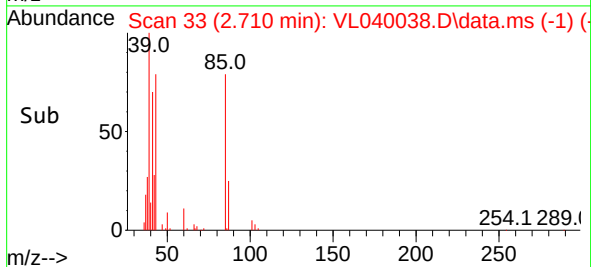
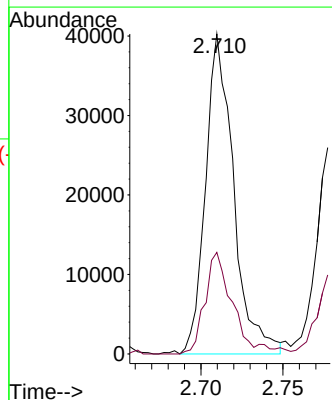
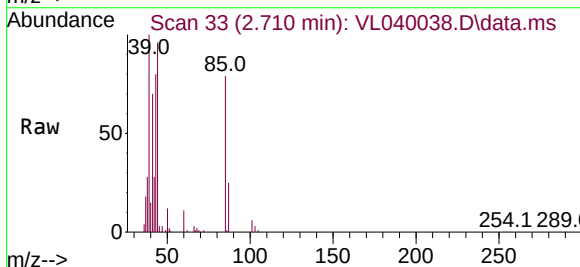
Ion	Ratio	Lower	Upper
49	100		
128	48.3	22.4	67.3
130	62.6	28.9	86.8

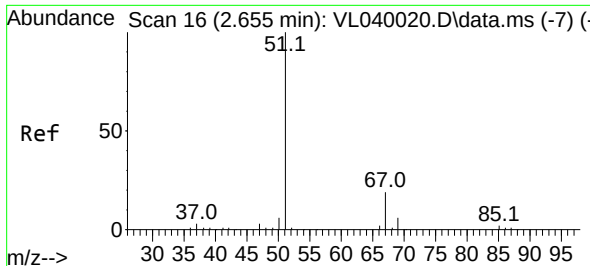


#2
Dichlorodifluoromethane
Concen: 0.248 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 85 Resp: 47798

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.6	40.0

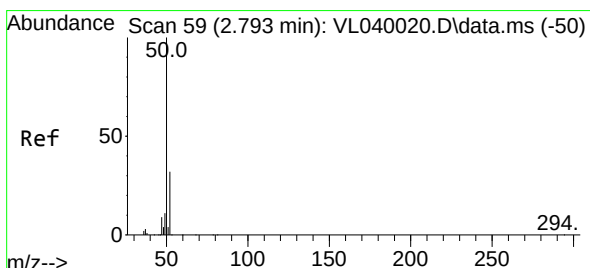
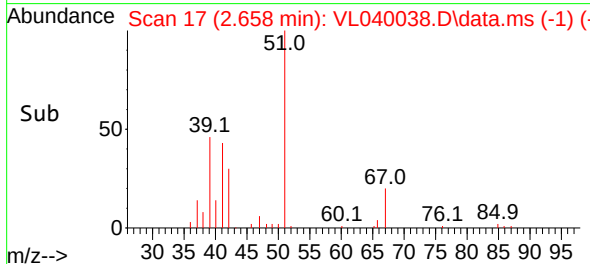
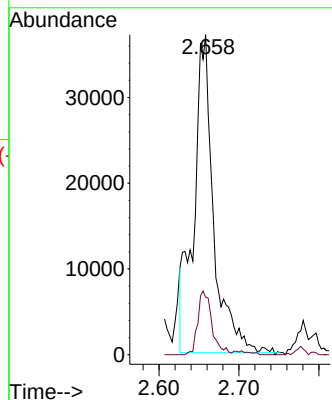
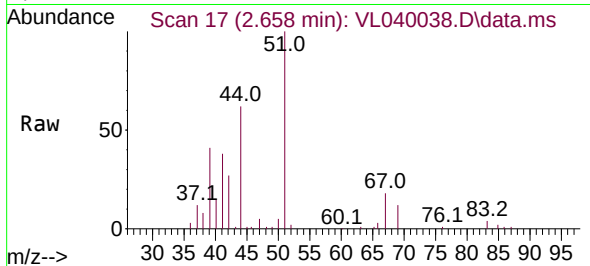




#3
Chlorodifluoromethane
Concen: 0.423 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

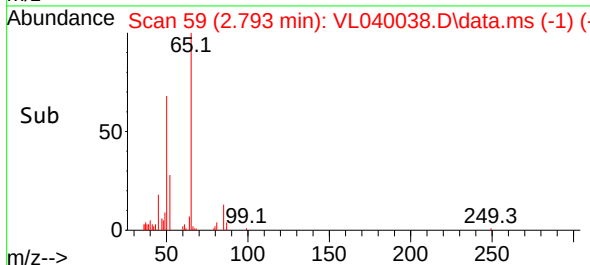
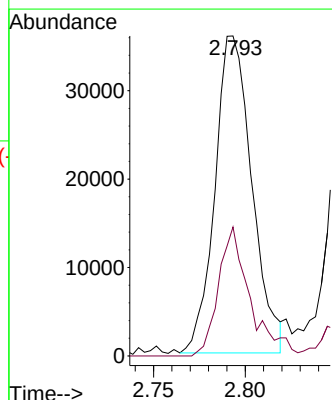
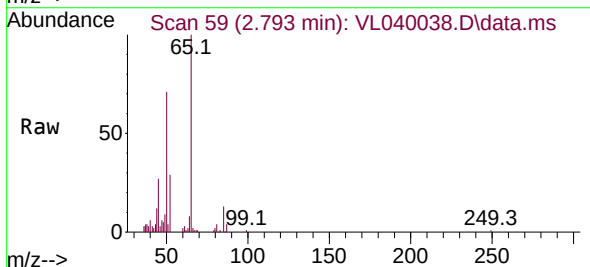
Instrument :
MSVOA_L
ClientSampleId :

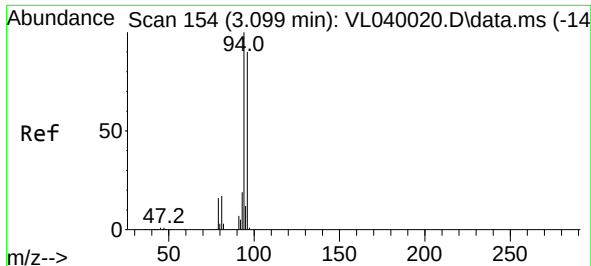
Tgt Ion: 51 Resp: 64309
Ion Ratio Lower Upper
51 100
67 15.1 15.3 22.9#



#4
Chloromethane
Concen: 0.529 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 50 Resp: 50418
Ion Ratio Lower Upper
50 100
52 40.7 25.5 38.3#

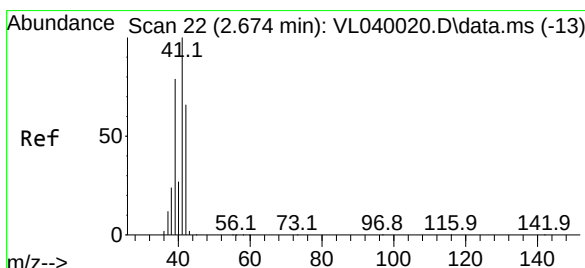
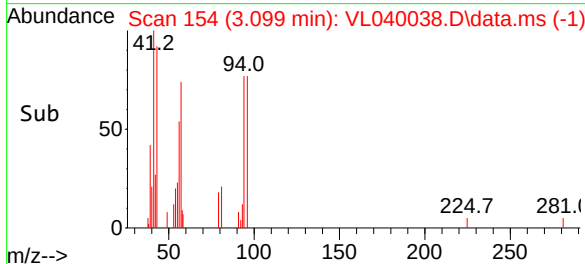
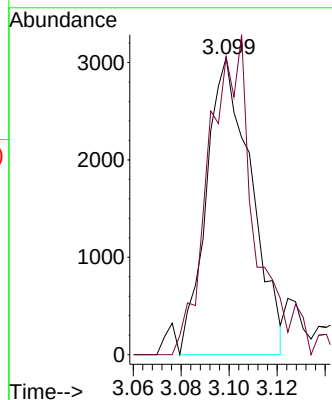
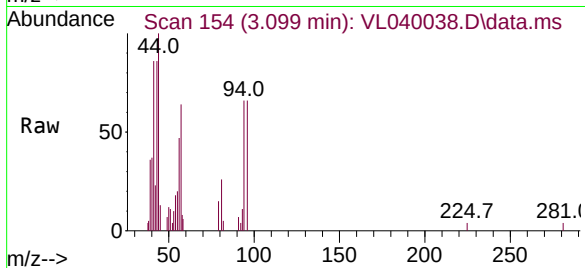




#6
Bromomethane
Concen: 0.139 ppbv
RT: 3.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

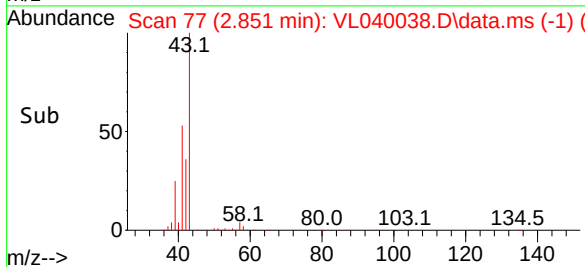
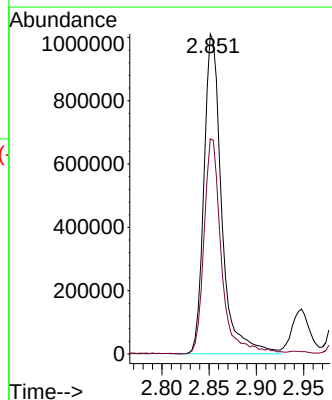
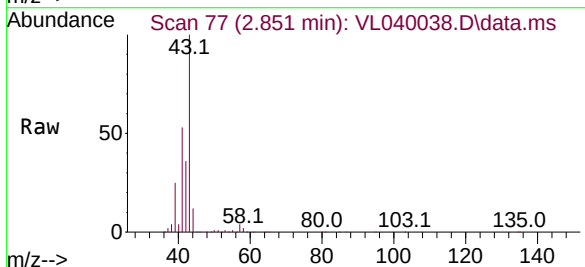
Instrument :
MSVOA_L
ClientSampleId :

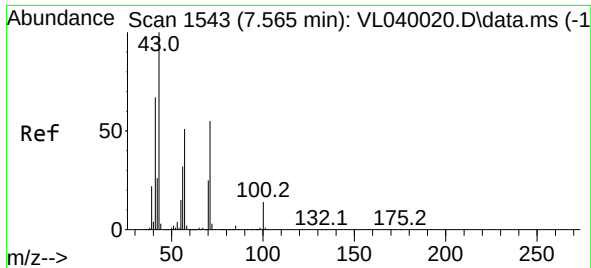
Tgt Ion: 94 Resp: 3949
Ion Ratio Lower Upper
94 100
96 93.8 72.0 108.0



#9
Propene
Concen: 20.369 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.177 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 41 Resp: 1315283
Ion Ratio Lower Upper
41 100
42 66.9 54.8 82.2





#10

Heptane

Concen: 1.365 ppbv

RT: 7.555 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

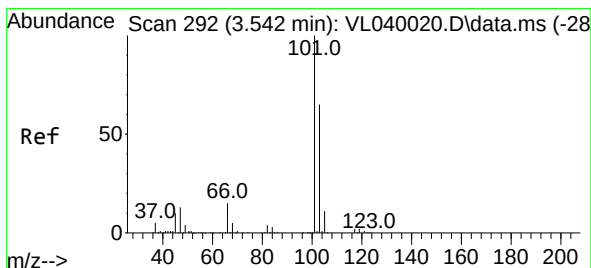
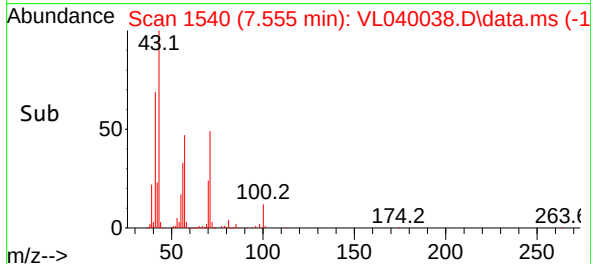
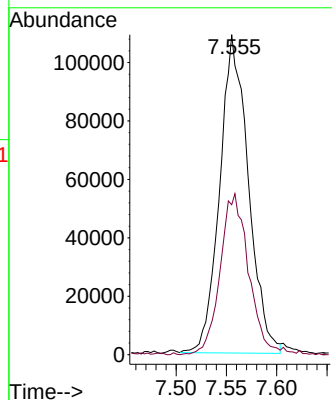
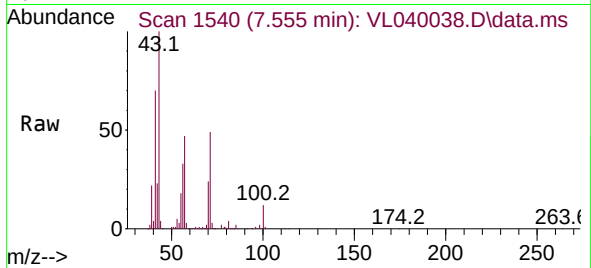
ClientSampleId :

Tgt Ion: 43 Resp: 215169

Ion Ratio Lower Upper

43 100

57 51.0 41.2 61.8



#11

Trichlorofluoromethane

Concen: 0.050 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.052 min

Lab File: VL040038.D

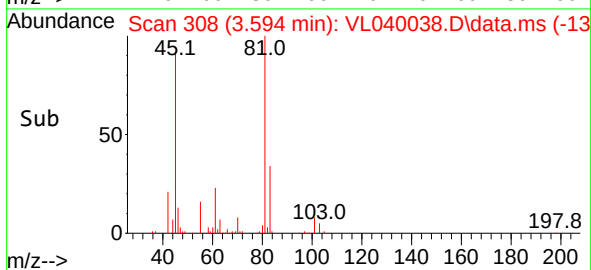
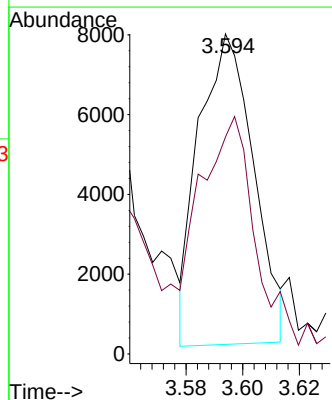
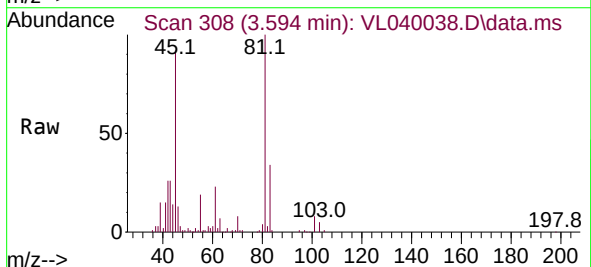
Acq: 19 Dec 2022 21:30

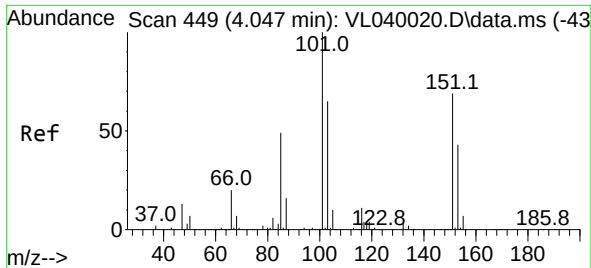
Tgt Ion:101 Resp: 10424

Ion Ratio Lower Upper

101 100

103 60.6 51.7 77.5

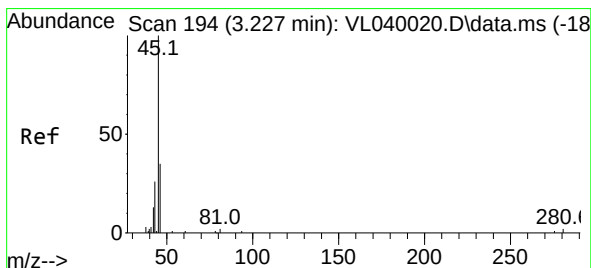
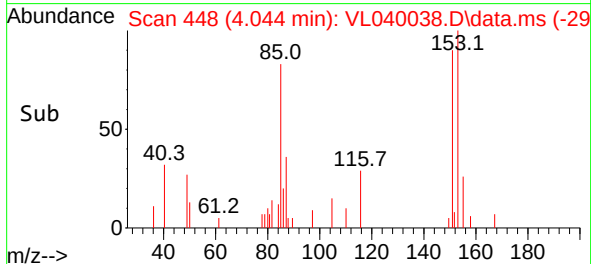
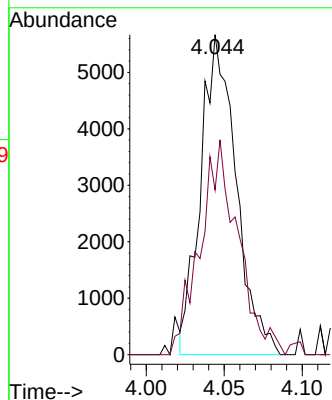
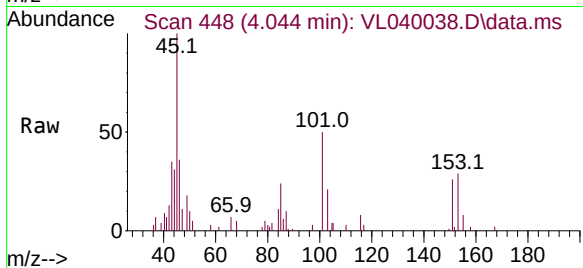




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.056 ppbv
RT: 4.044 min Scan# 449
Delta R.T. -0.003 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

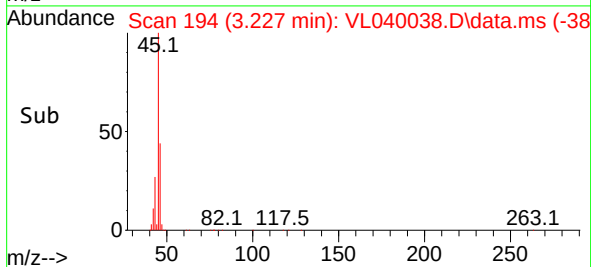
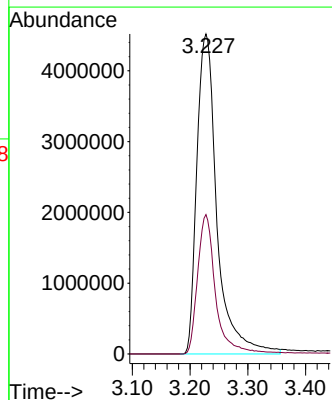
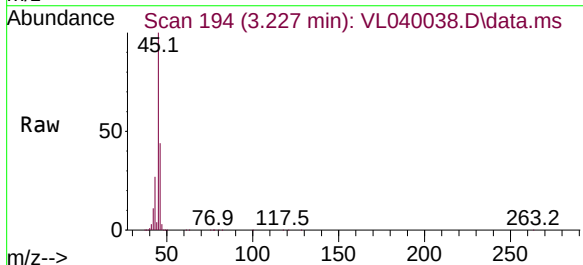
Instrument :
MSVOA_L
ClientSampleId :

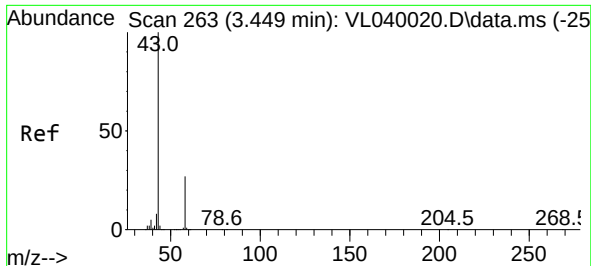
Tgt Ion:101 Resp: 8971
Ion Ratio Lower Upper
101 100
151 73.3 55.0 82.4



#13
Ethanol
Concen: 1798.902 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 45 Resp:10932615
Ion Ratio Lower Upper
45 100
46 39.5 13.7 54.7





#15

Acetone

Concen: 27.752 ppbv

RT: 3.443 min Scan# 2

Delta R.T. -0.006 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

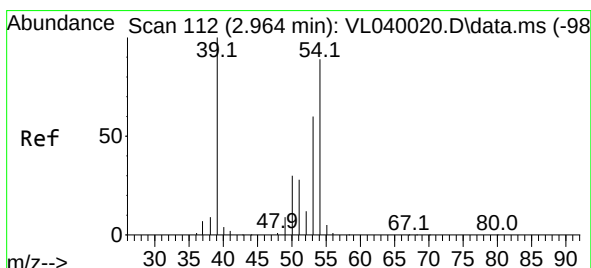
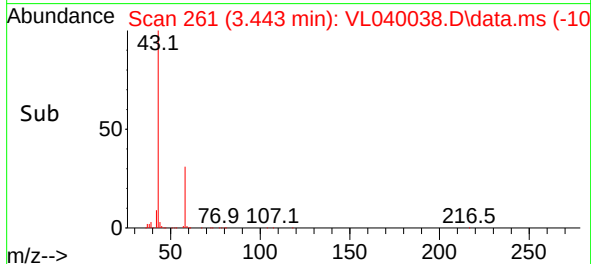
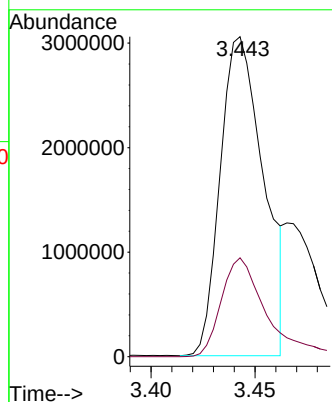
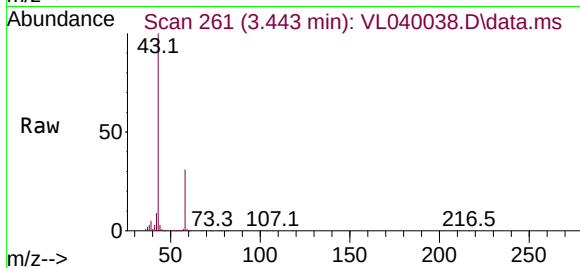
ClientSampleId :

Tgt Ion: 43 Resp: 4427347

Ion Ratio Lower Upper

43 100

58 34.2 21.8 32.8#



#16

1,3-Butadiene

Concen: 1.372 ppbv

RT: 2.948 min Scan# 107

Delta R.T. -0.016 min

Lab File: VL040038.D

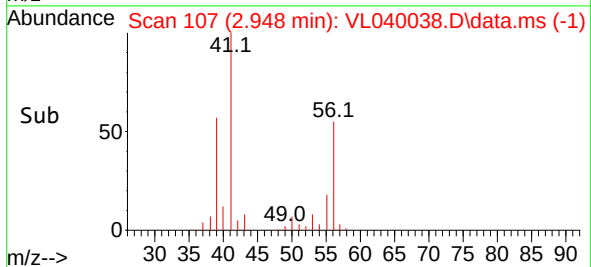
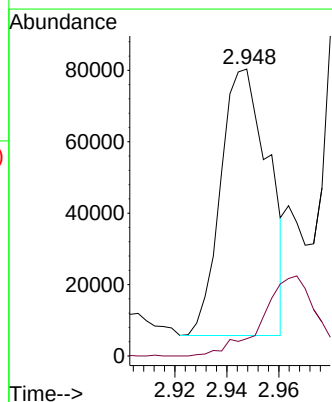
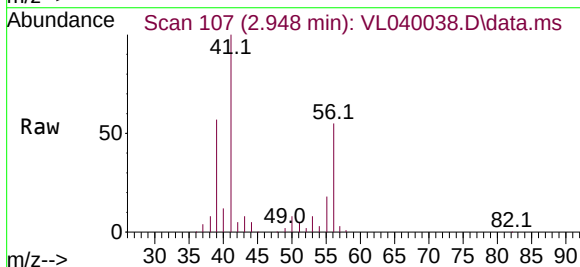
Acq: 19 Dec 2022 21:30

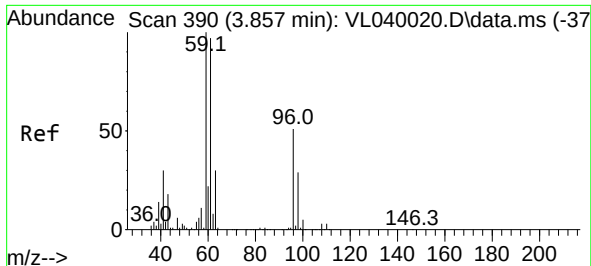
Tgt Ion: 39 Resp: 95144

Ion Ratio Lower Upper

39 100

54 42.8 68.3 102.5#

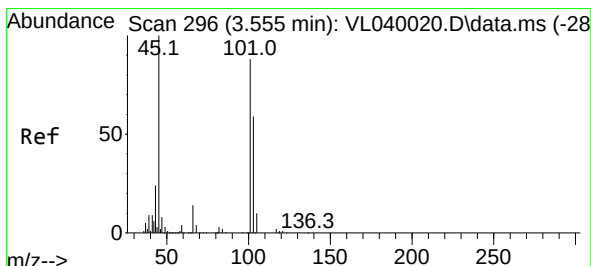
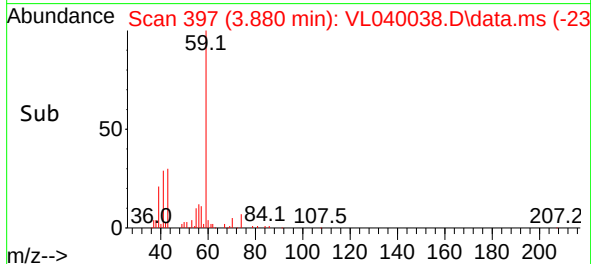
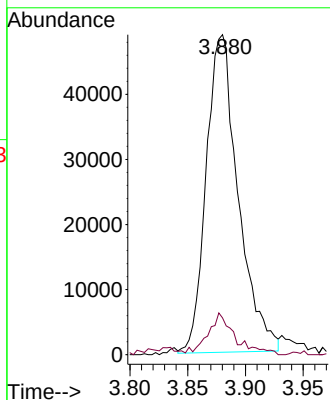
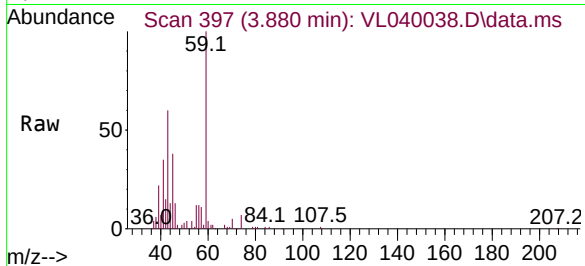




#17
tert-Butyl alcohol
Concen: 0.598 ppbv
RT: 3.880 min Scan# 390
Delta R.T. 0.023 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

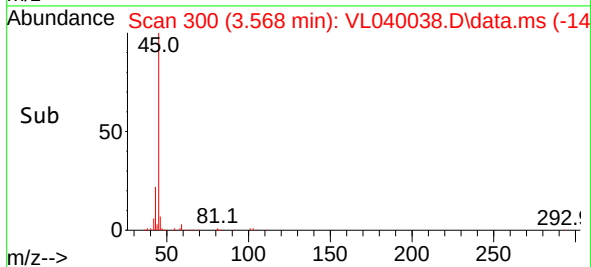
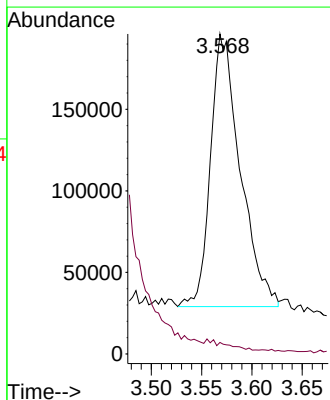
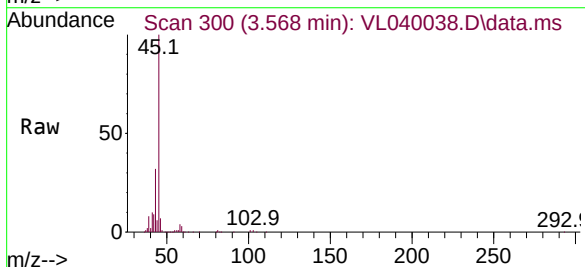
Instrument :
MSVOA_L
ClientSampleId :

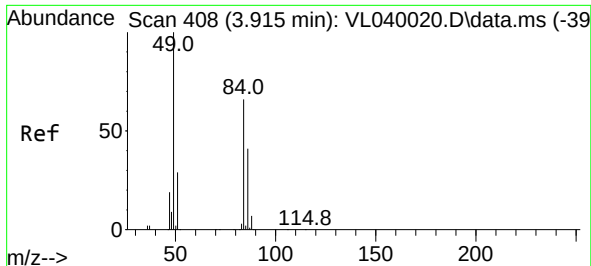
Tgt Ion: 59 Resp: 94113
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#19
Isopropyl Alcohol
Concen: 4.379 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.013 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 45 Resp: 344247
Ion Ratio Lower Upper
45 100
58 439.4 1.7 2.5#

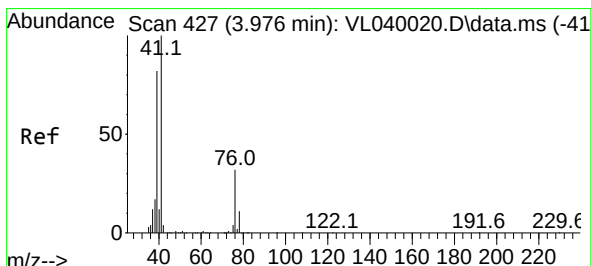
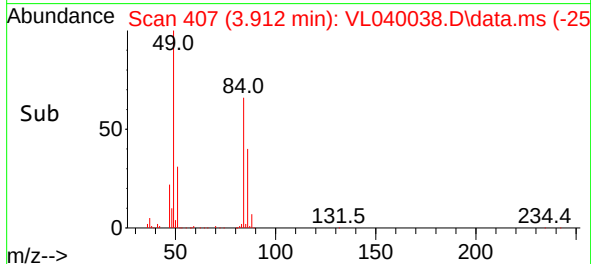
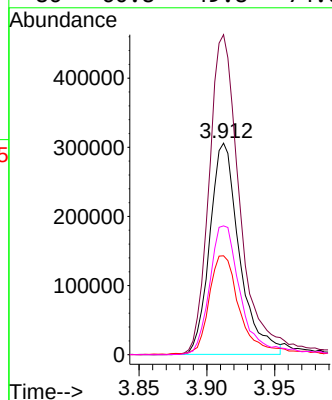
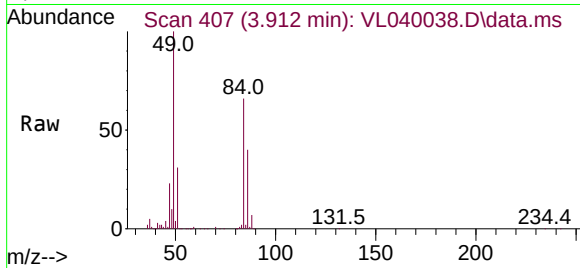




#20
Methylene Chloride
Concen: 6.862 ppbv
RT: 3.912 min Scan# 408
Delta R.T. -0.003 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

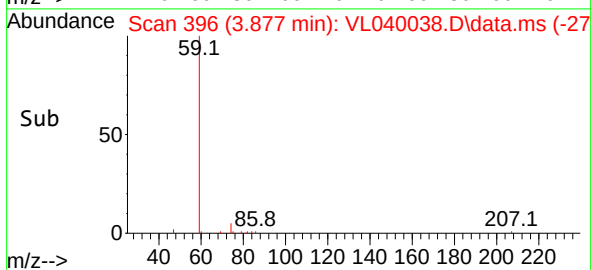
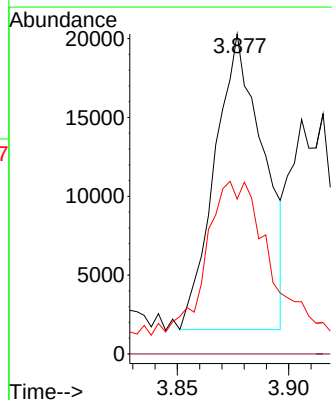
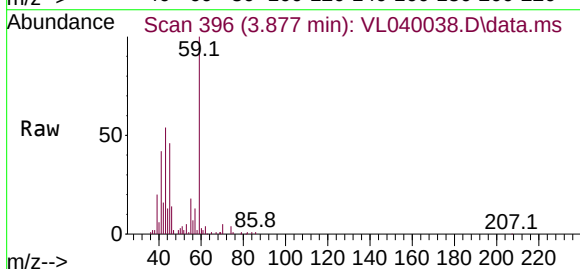
Instrument :
MSVOA_L
ClientSampleId :

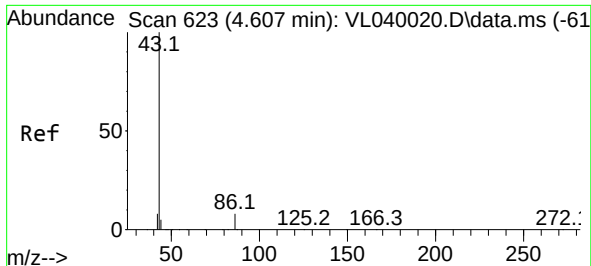
Tgt Ion: 84 Resp: 465334
Ion Ratio Lower Upper
84 100
49 151.1 120.5 180.7
51 46.3 35.2 52.8
86 60.8 49.8 74.6



#21
Allyl Chloride
Concen: 0.297 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.100 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 41 Resp: 28467
Ion Ratio Lower Upper
41 100
76 0.0 25.9 38.9#
39 65.4 66.0 99.0#



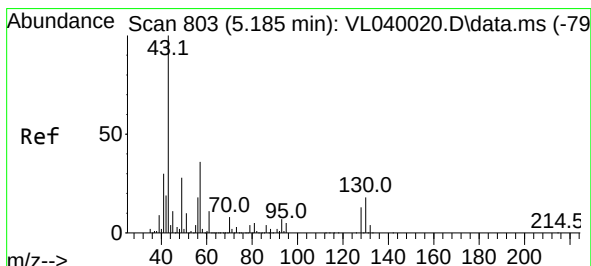
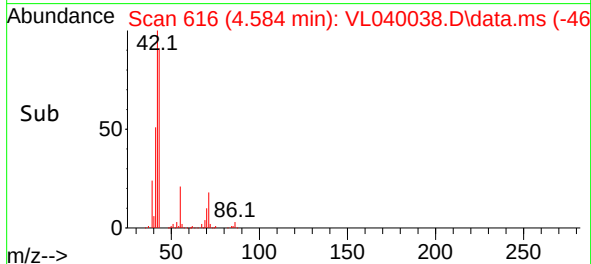
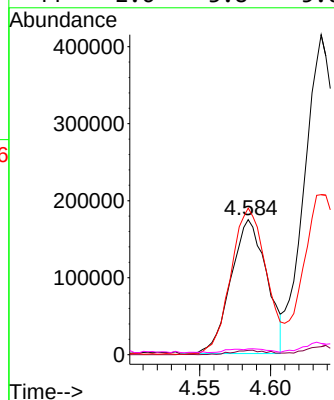
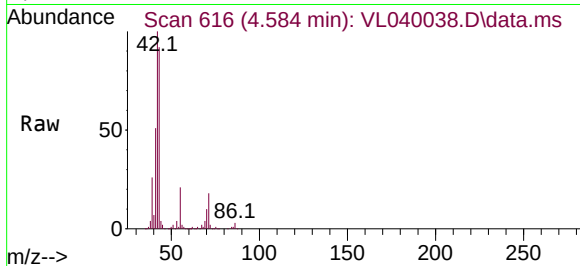


#23
 Vinyl Acetate
 Concen: 6.048 ppbv
 RT: 4.584 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040038.D
 Acq: 19 Dec 2022 21:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 305885

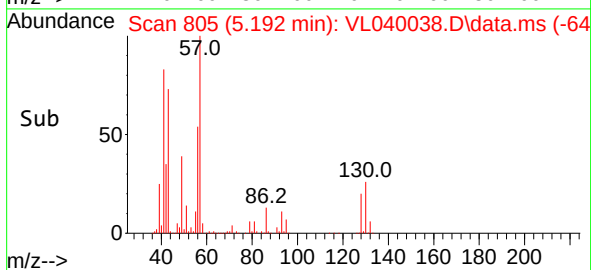
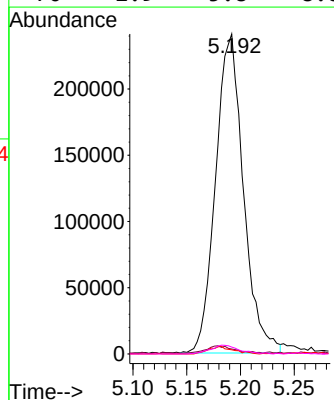
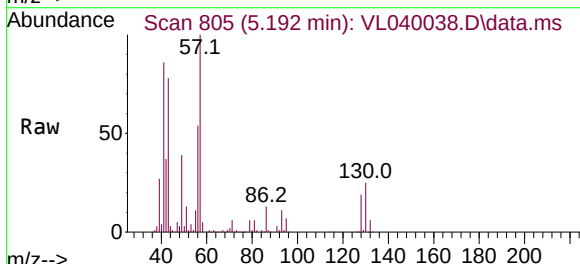
Ion	Ratio	Lower	Upper
43	100		
86	3.0	5.3	7.9#
42	109.0	7.4	11.0#
44	2.6	3.8	5.6#

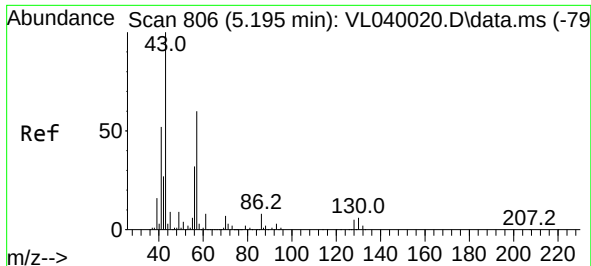


#25
 Ethyl Acetate
 Concen: 1.570 ppbv
 RT: 5.192 min Scan# 805
 Delta R.T. 0.007 min
 Lab File: VL040038.D
 Acq: 19 Dec 2022 21:30

Tgt Ion: 43 Resp: 433663

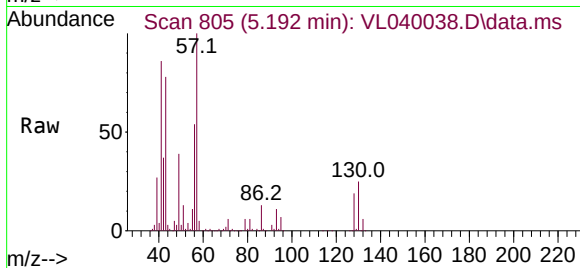
Ion	Ratio	Lower	Upper
43	100		
45	3.3	8.6	12.8#
61	2.1	8.5	12.7#
70	2.9	5.8	8.8#



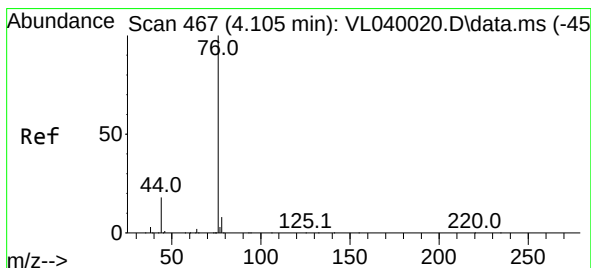
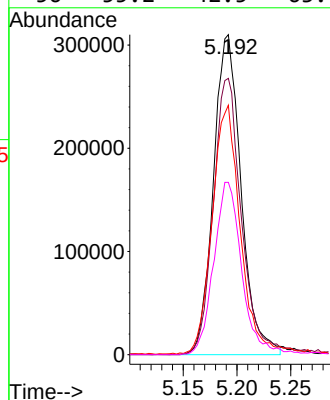
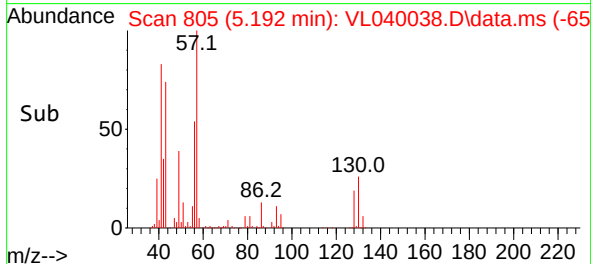


#26
Hexane
Concen: 4.772 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :

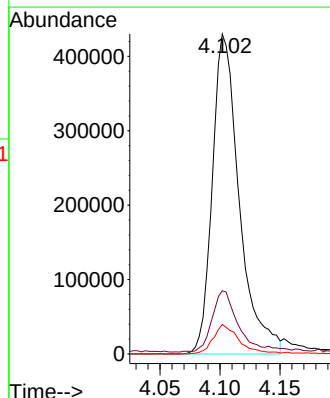
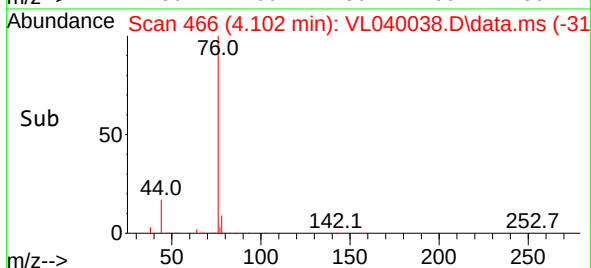
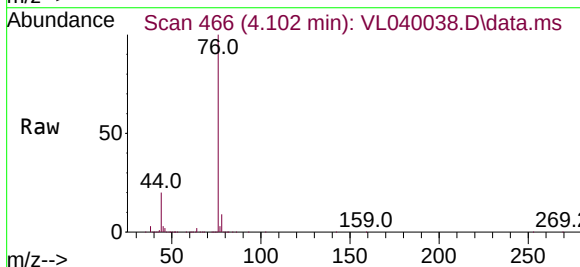


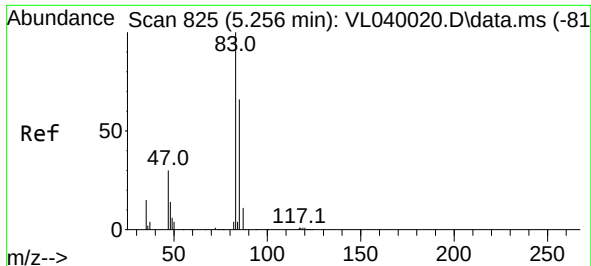
Tgt Ion: 57 Resp: 554111
Ion Ratio Lower Upper
57 100
41 89.4 72.1 108.1
43 80.7 192.1 288.1#
56 55.2 42.5 63.7



#27
Carbon Disulfide
Concen: 4.585 ppbv
RT: 4.102 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 76 Resp: 671565
Ion Ratio Lower Upper
76 100
44 19.7 15.3 22.9
78 9.4 7.8 11.6

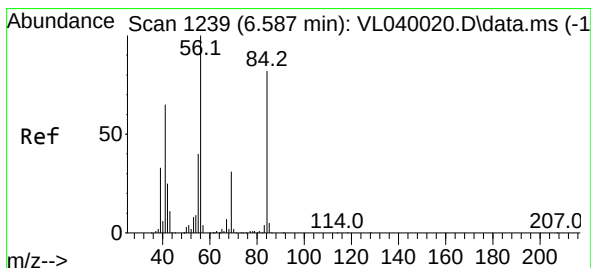
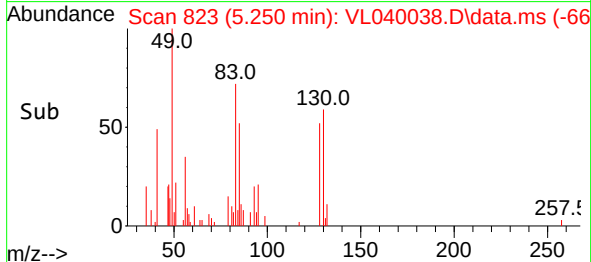
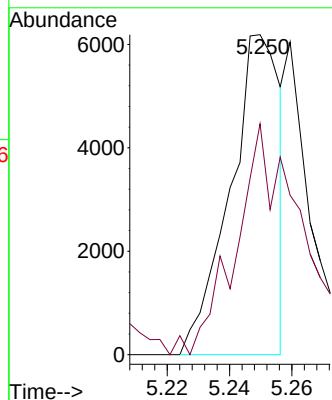
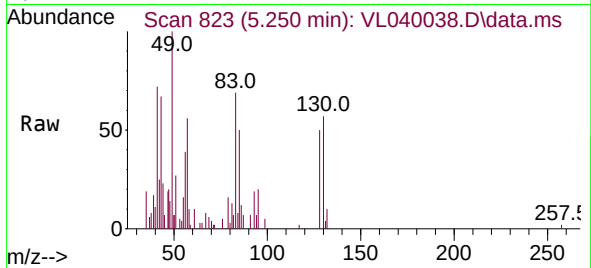




#29
Chloroform
Concen: 0.039 ppbv
RT: 5.250 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

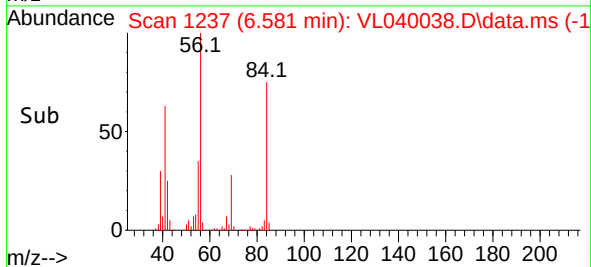
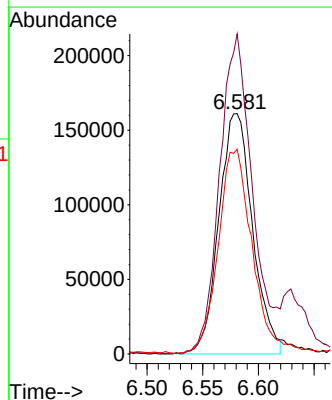
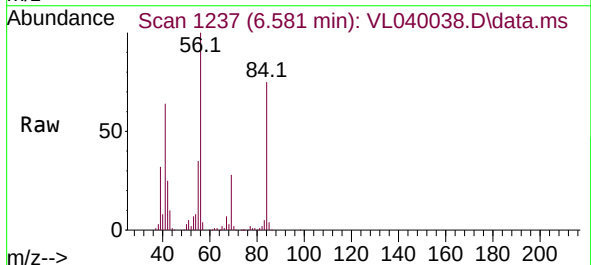
Instrument :
MSVOA_L
ClientSampleId :

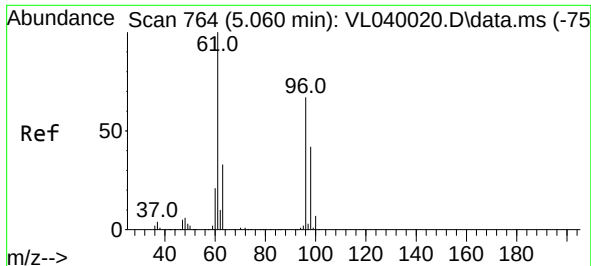
Tgt Ion: 83 Resp: 6850
Ion Ratio Lower Upper
83 100
85 66.2 52.4 78.6



#30
Cyclohexane
Concen: 3.299 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

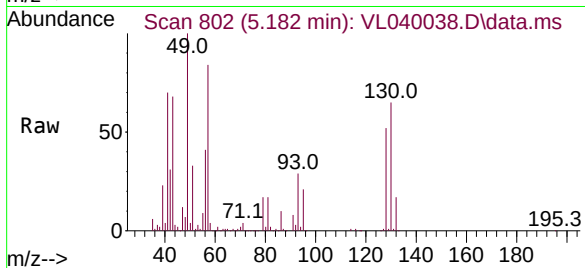
Tgt Ion: 84 Resp: 339265
Ion Ratio Lower Upper
84 100
56 148.3 110.2 165.4
41 86.1 67.8 101.8



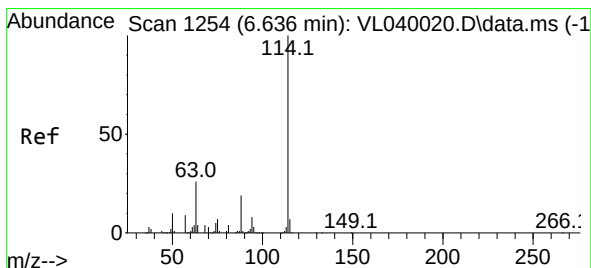
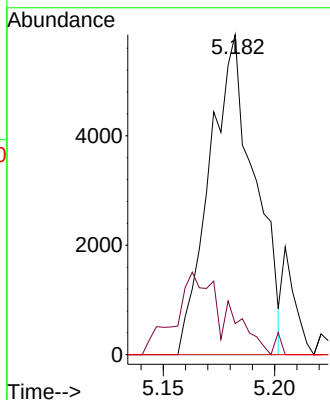
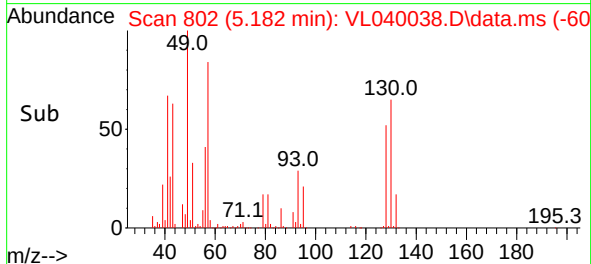


#31
 cis-1,2-Dichloroethene
 Concen: 0.075 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. 0.122 min
 Lab File: VL040038.D
 Acq: 19 Dec 2022 21:30

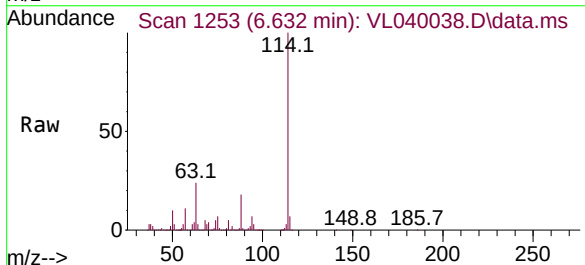
Instrument :
 MSVOA_L
 ClientSampleId :



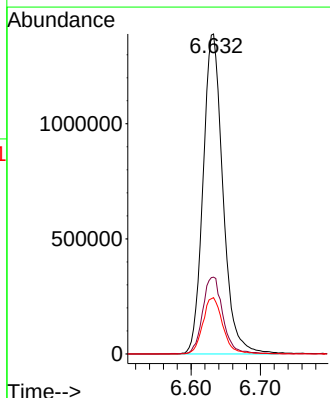
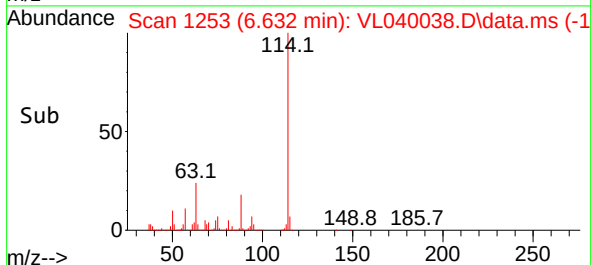
Tgt Ion: 61 Resp: 8256
 Ion Ratio Lower Upper
 61 100
 96 2.8 53.4 80.2#
 98 0.0 33.4 50.0#

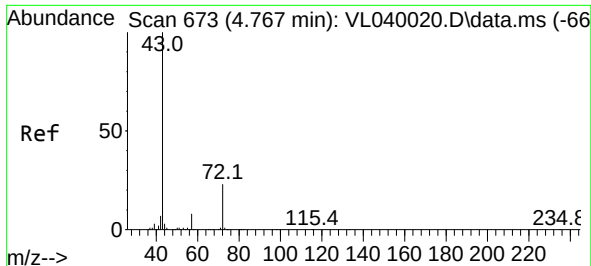


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.632 min Scan# 1253
 Delta R.T. -0.003 min
 Lab File: VL040038.D
 Acq: 19 Dec 2022 21:30



Tgt Ion: 114 Resp: 2764287
 Ion Ratio Lower Upper
 114 100
 63 24.8 20.2 30.2
 88 17.7 14.6 21.8

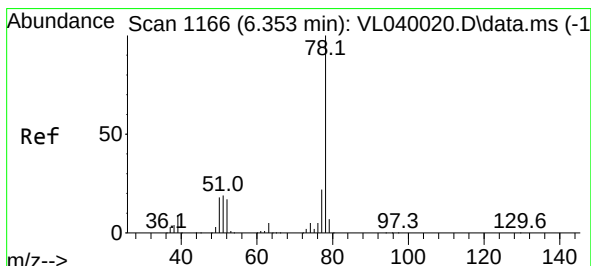
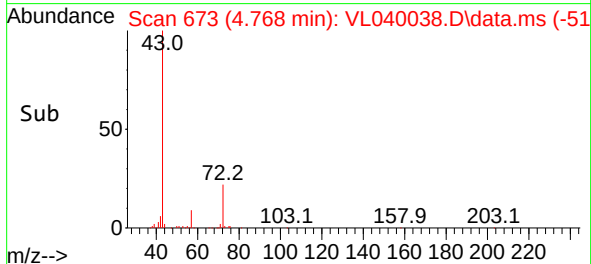
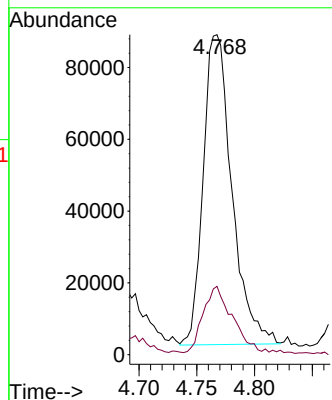
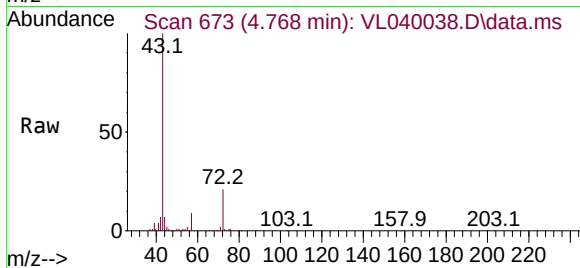




#34
2-Butanone
Concen: 0.995 ppbv
RT: 4.768 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

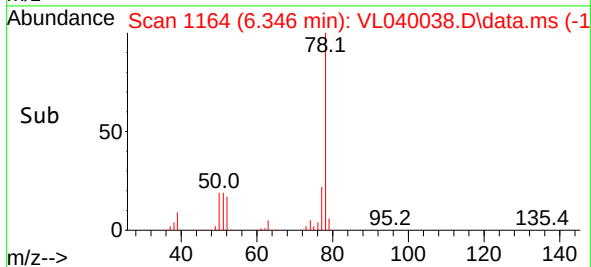
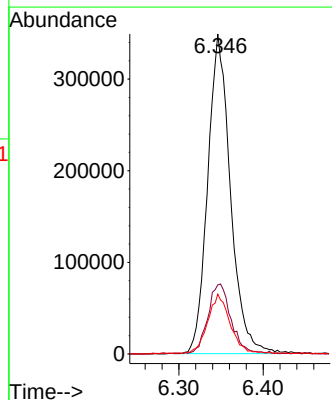
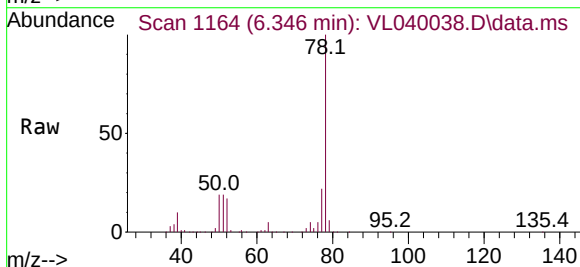
Instrument :
MSVOA_L
ClientSampleId :

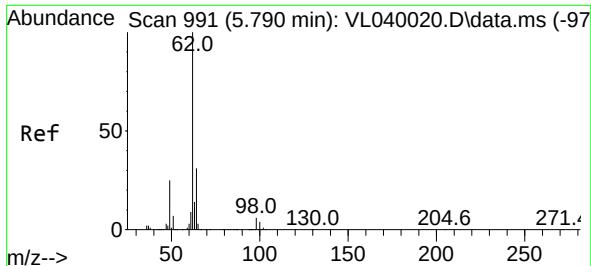
Tgt Ion: 43 Resp: 149246
Ion Ratio Lower Upper
43 100
72 24.6 18.0 27.0



#36
Benzene
Concen: 2.651 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 78 Resp: 654389
Ion Ratio Lower Upper
78 100
77 21.5 17.5 26.3
50 18.5 14.2 21.2





#37

1,2-Dichloroethane

Concen: 0.049 ppbv

RT: 5.784 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

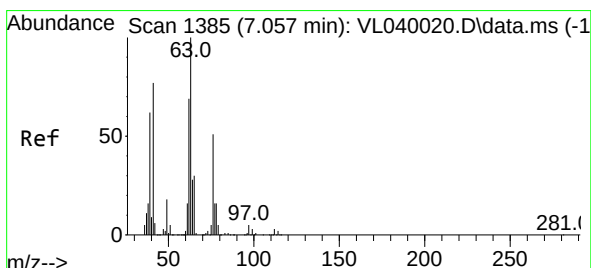
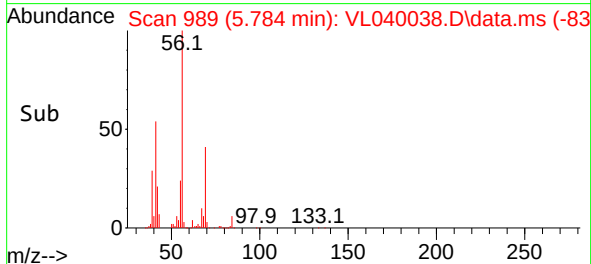
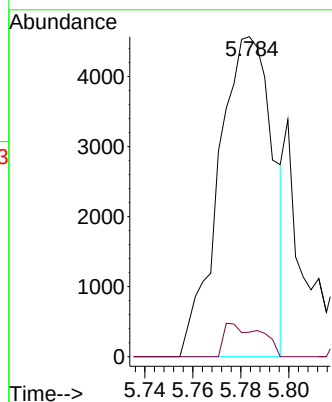
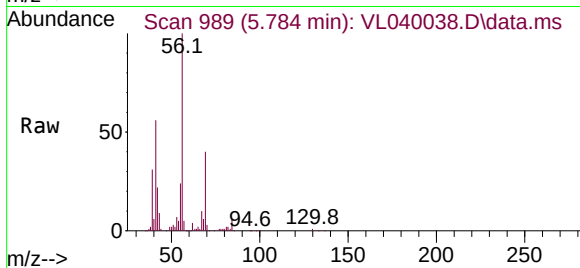
ClientSampleId :

Tgt Ion: 62 Resp: 7139

Ion Ratio Lower Upper

62 100

98 7.0 5.1 7.7



#39

1,2-Dichloropropane

Concen: 7.089 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.424 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

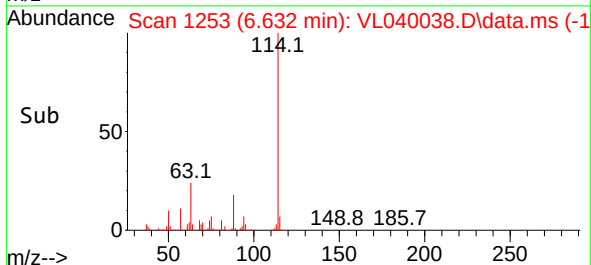
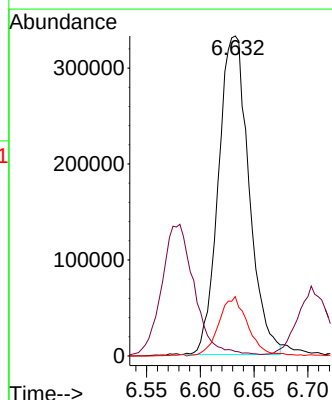
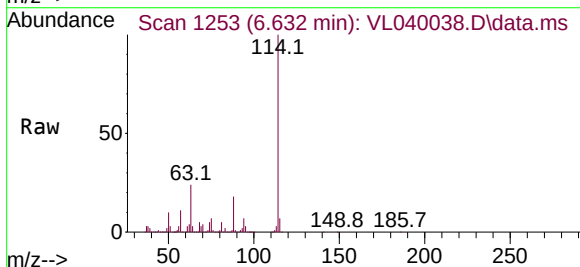
Tgt Ion: 63 Resp: 656008

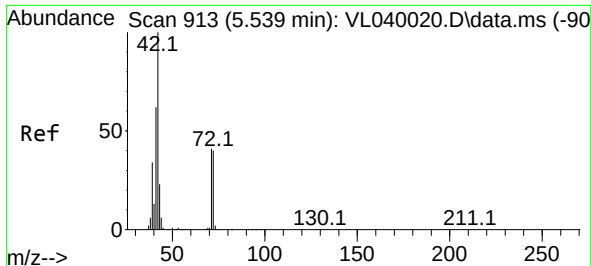
Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 18.3 55.4 83.2#





#41

Tetrahydrofuran

Concen: 1.013 ppbv

RT: 5.793 min Scan# 94813

Delta R.T. 0.254 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

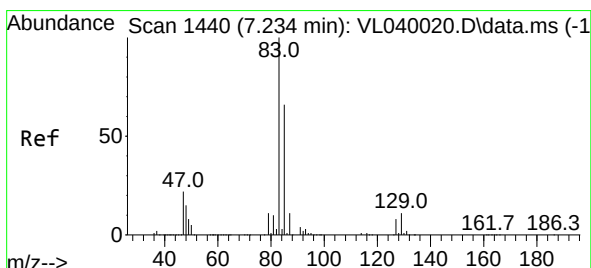
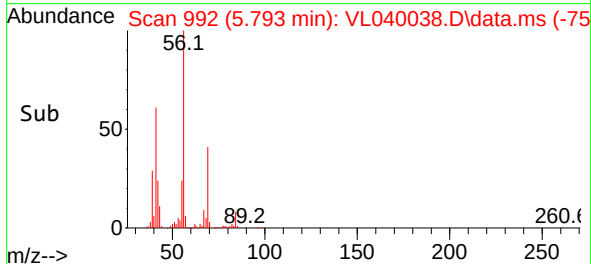
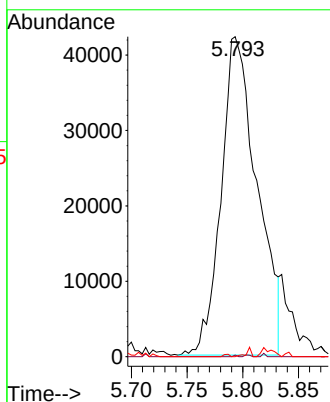
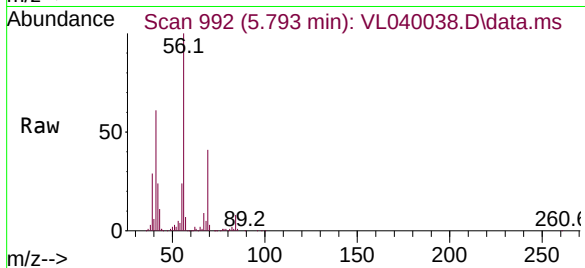
Tgt Ion: 42 Resp: 94813

Ion Ratio Lower Upper

42 100

72 0.2 32.9 49.3#

71 1.5 32.2 48.2#



#42

Bromodichloromethane

Concen: 0.085 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.006 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

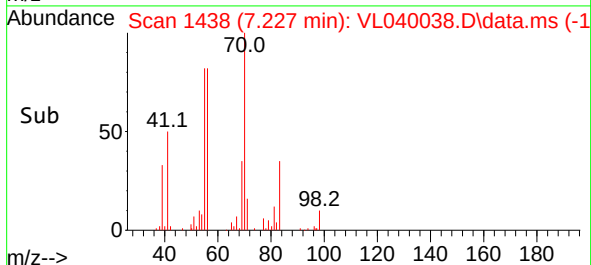
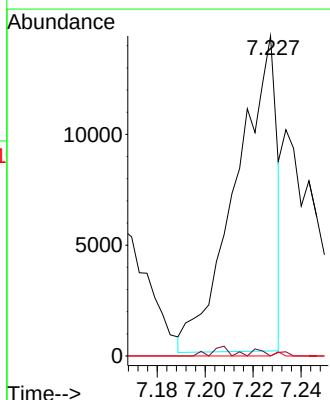
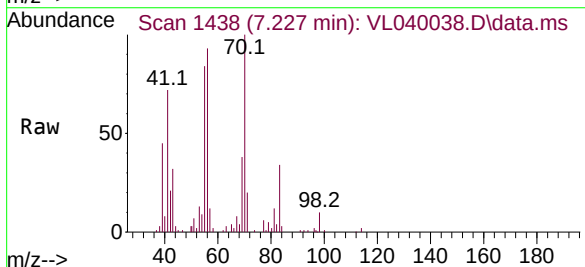
Tgt Ion: 83 Resp: 16810

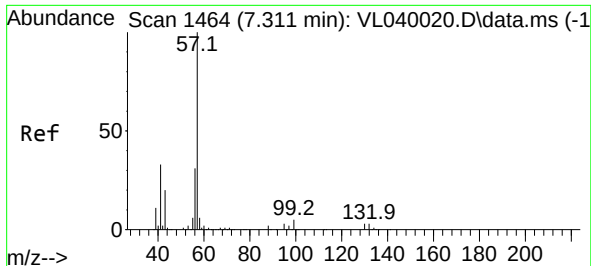
Ion Ratio Lower Upper

83 100

85 0.0 53.0 79.6#

127 0.0 6.2 9.2#





#44

2,2,4-Trimethylpentane

Concen: 0.227 ppbv

RT: 7.301 min Scan# 14

Delta R.T. -0.010 min

Lab File: VL040038.D

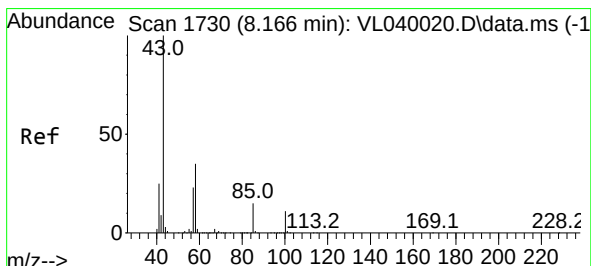
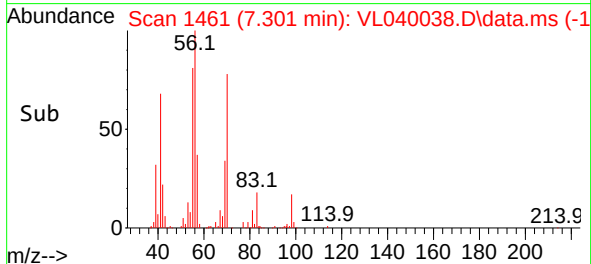
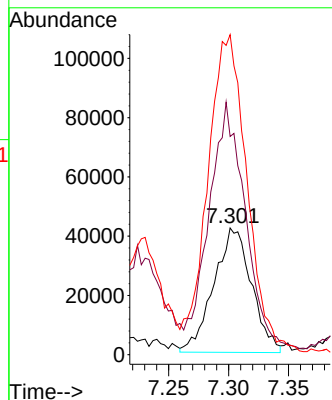
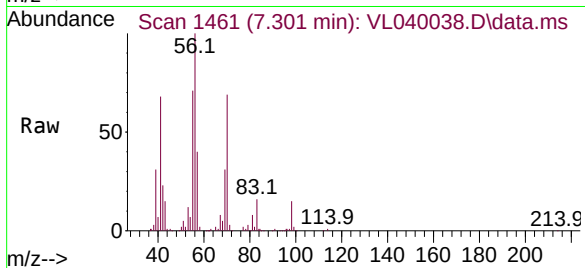
Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	57	Resp:	92094
Ion	Ratio	Lower	Upper
57	100		
41	203.4	26.2	39.4#
56	271.2	25.1	37.7#



#50

4-Methyl-2-Pentanone

Concen: 0.036 ppbv

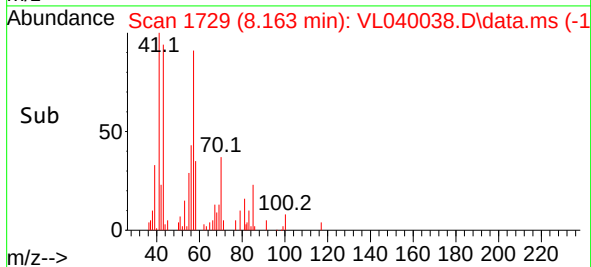
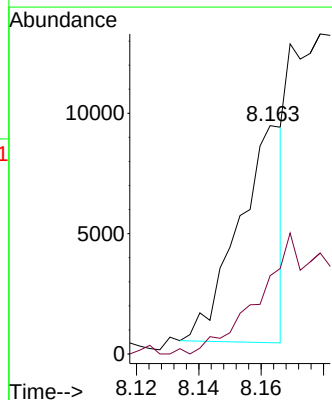
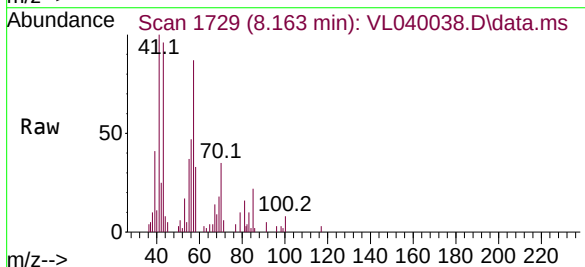
RT: 8.163 min Scan# 1729

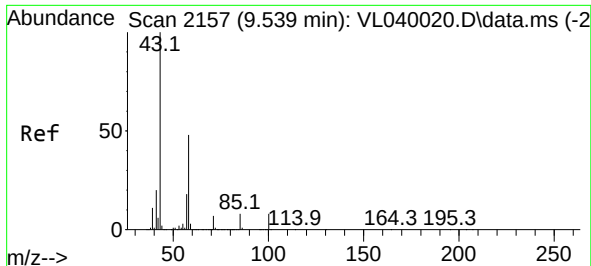
Delta R.T. -0.003 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Tgt Ion:	43	Resp:	8903
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.4#

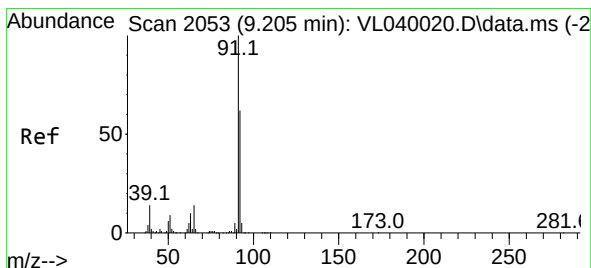
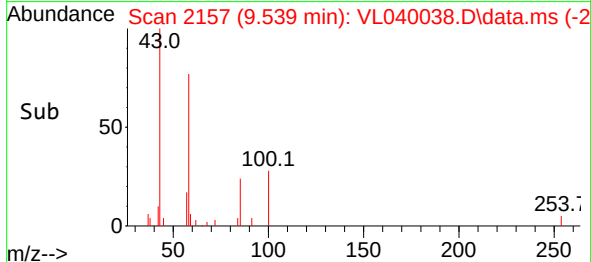
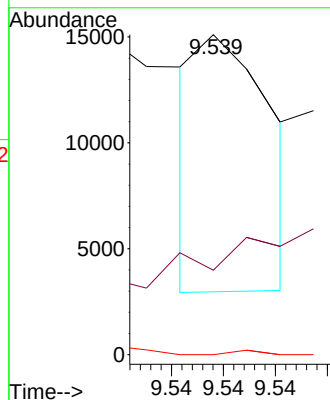
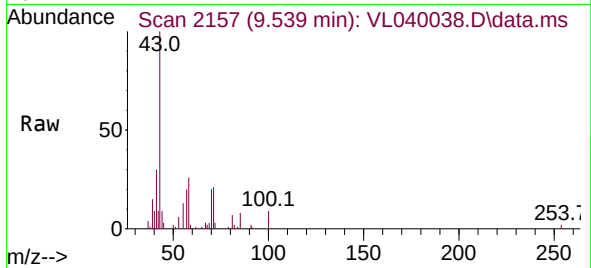




#51
2-Hexanone
Concen: 0.031 ppbv
RT: 9.539 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

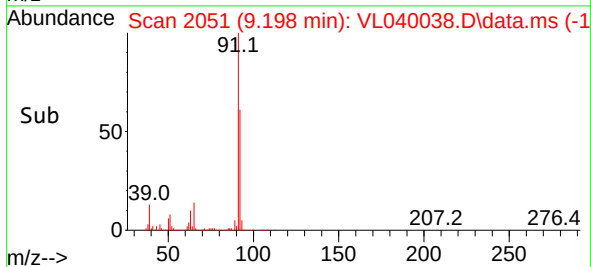
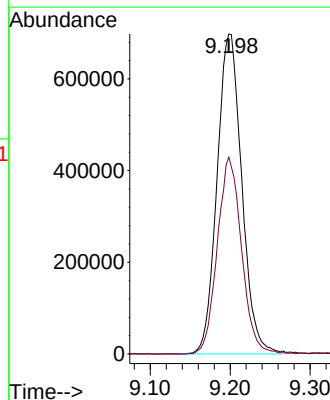
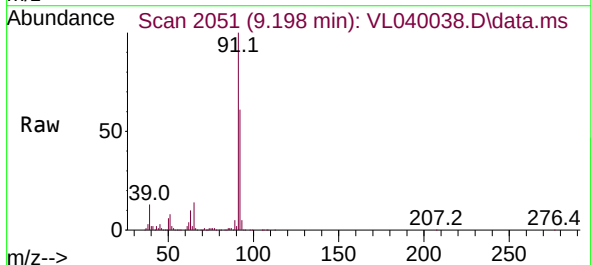
Instrument :
MSVOA_L
ClientSampleId :

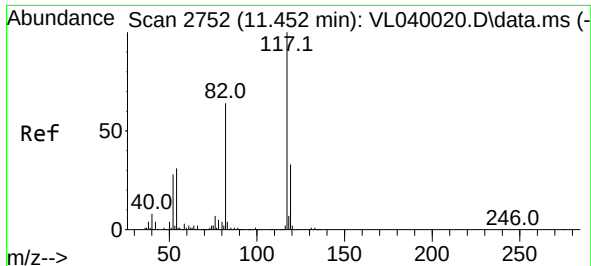
Tgt Ion: 43 Resp: 5911
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.2#
98 0.0 0.2 0.4#



#53
Toluene
Concen: 5.475 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 91 Resp: 1496513
Ion Ratio Lower Upper
91 100
92 60.3 48.7 73.1

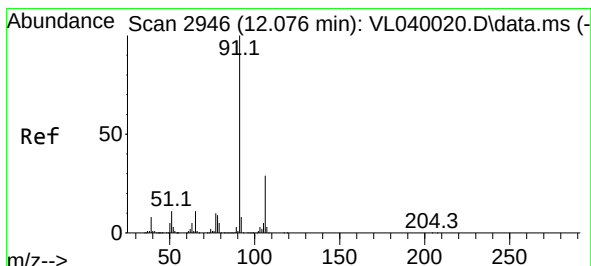
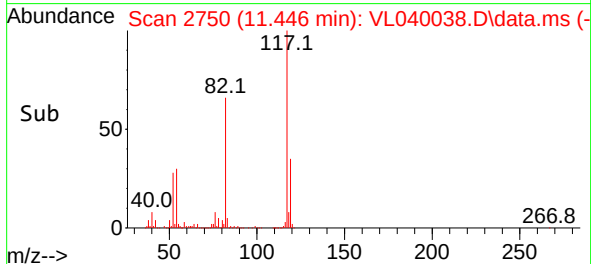
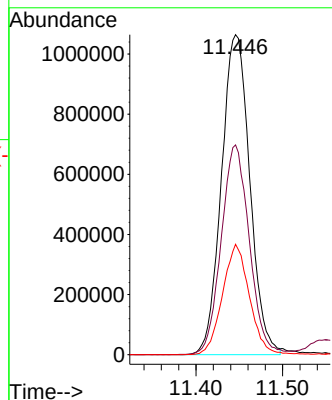
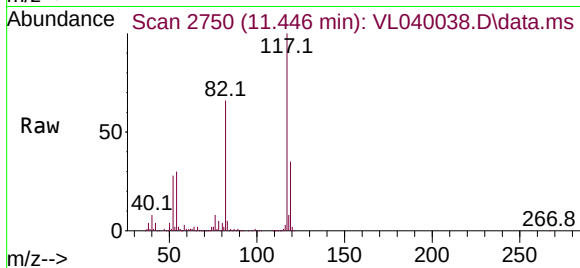




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

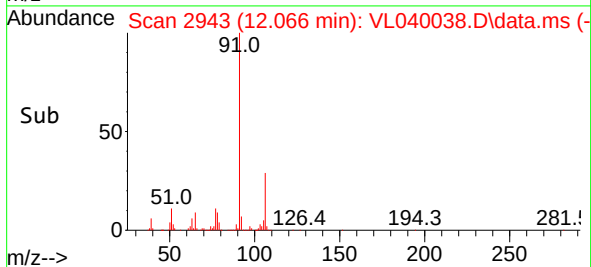
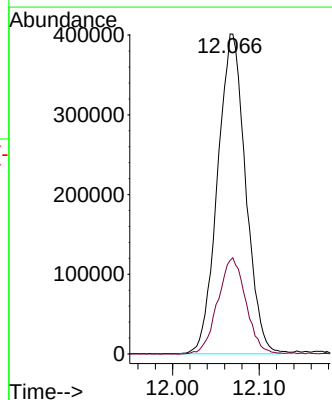
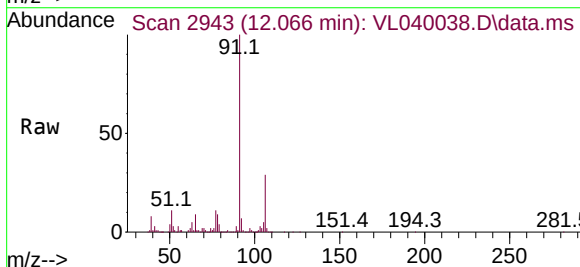
Instrument :
MSVOA_L
ClientSampleId :

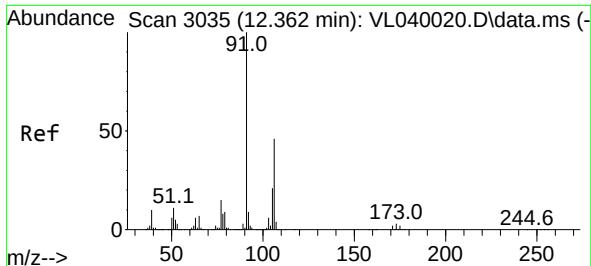
Tgt Ion:117 Resp: 2426145
Ion Ratio Lower Upper
117 100
82 64.9 51.2 76.8
119 32.9 23.2 34.8



#58
Ethyl Benzene
Concen: 2.622 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.010 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 91 Resp: 903848
Ion Ratio Lower Upper
91 100
106 29.3 23.5 35.3





#59

m/p-Xylene

Concen: 2.710 ppbv

RT: 12.323 min Scan# 3035

Delta R.T. -0.038 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

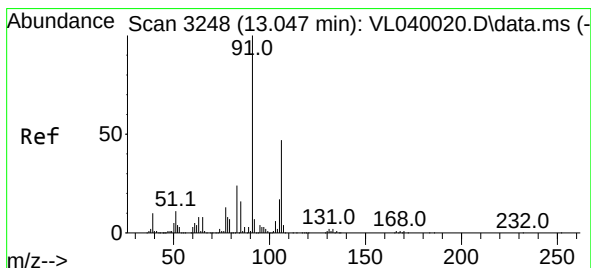
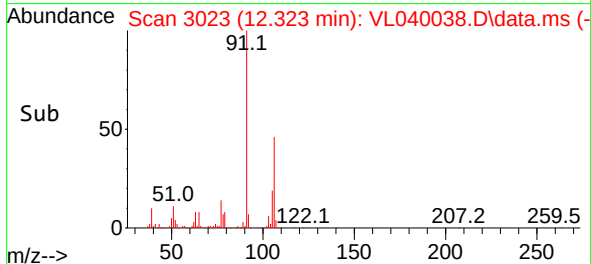
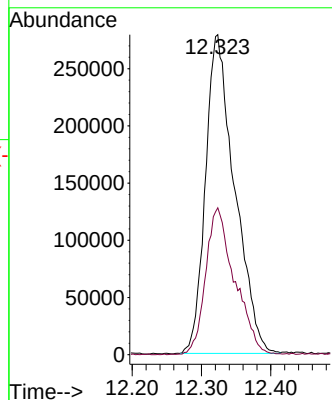
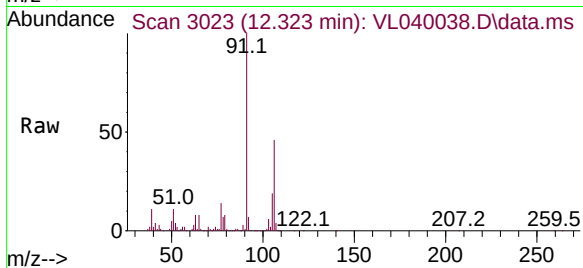
ClientSampleId :

Tgt Ion: 91 Resp: 813831

Ion Ratio Lower Upper

91 100

106 46.2 35.5 53.3



#60

o-Xylene

Concen: 1.687 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.010 min

Lab File: VL040038.D

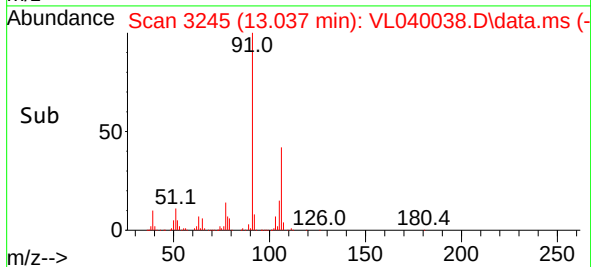
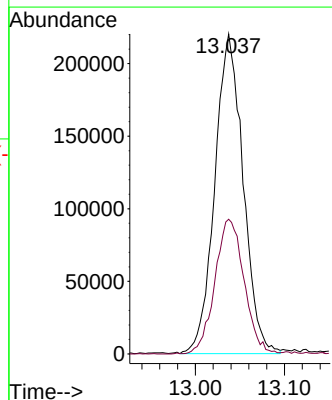
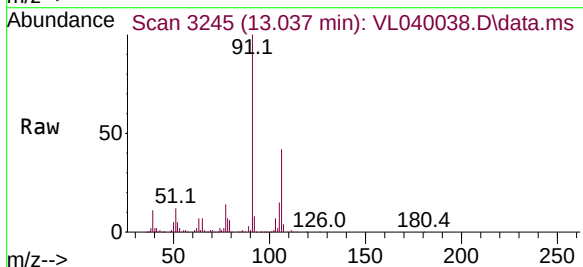
Acq: 19 Dec 2022 21:30

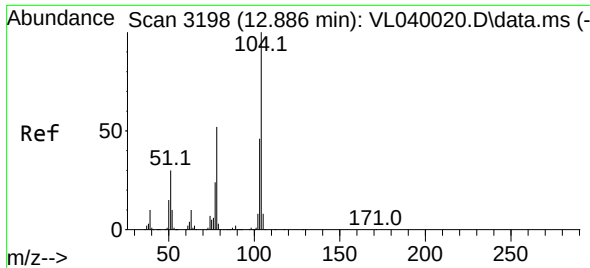
Tgt Ion: 91 Resp: 485290

Ion Ratio Lower Upper

91 100

106 43.8 22.4 67.0

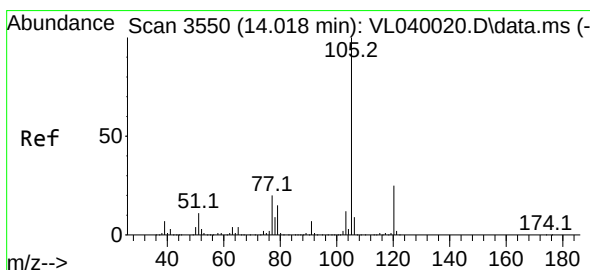
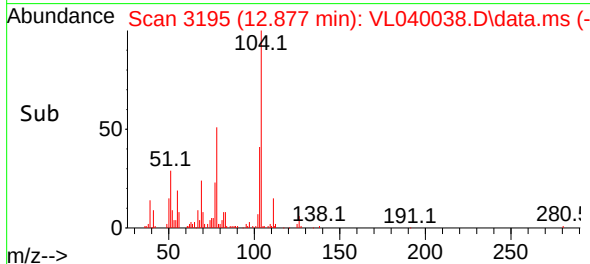
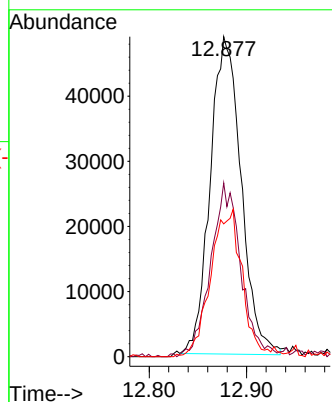
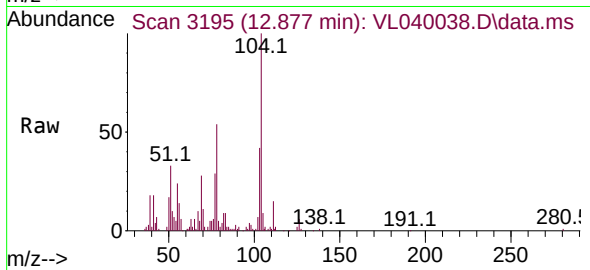




#61
Styrene
Concen: 0.697 ppbv
RT: 12.877 min Scan# 3195
Delta R.T. -0.010 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

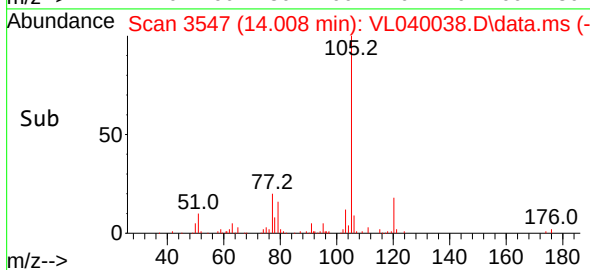
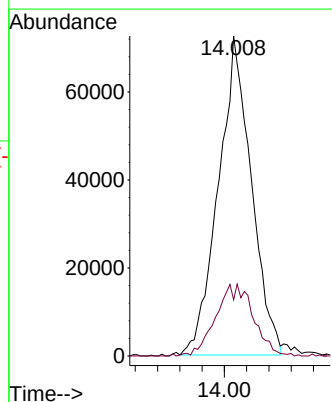
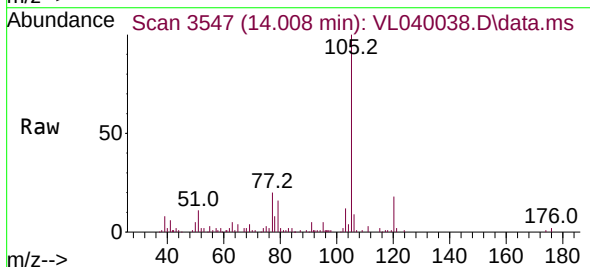
Instrument :
MSVOA_L
ClientSampleId :

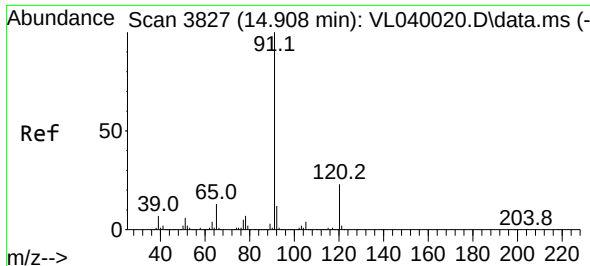
Tgt Ion:104 Resp: 107546
Ion Ratio Lower Upper
104 100
78 54.0 42.4 63.6
103 48.3 37.2 55.8



#62
Isopropylbenzene
Concen: 0.359 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.010 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion:105 Resp: 148723
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0

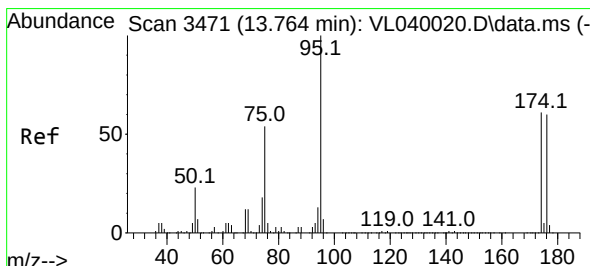
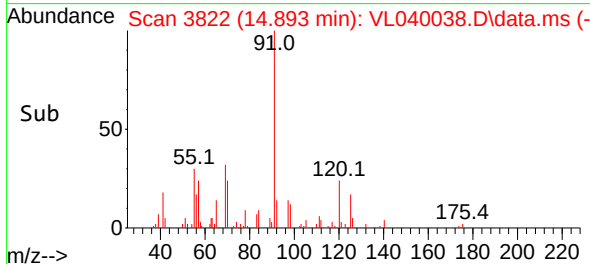
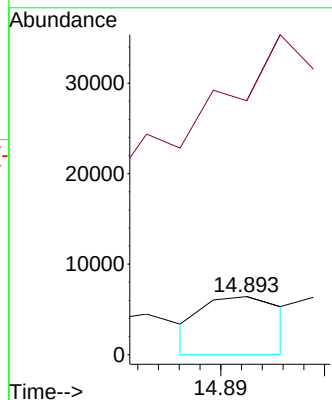
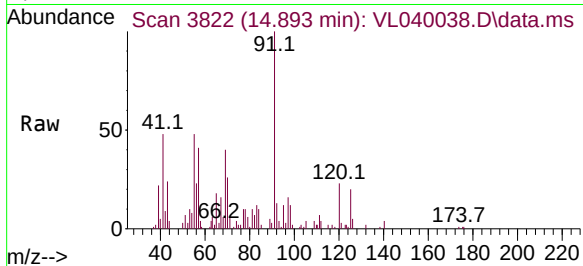




#64
n-propylbenzene
Concen: 0.033 ppbv
RT: 14.893 min Scan# 3427
Delta R.T. -0.016 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

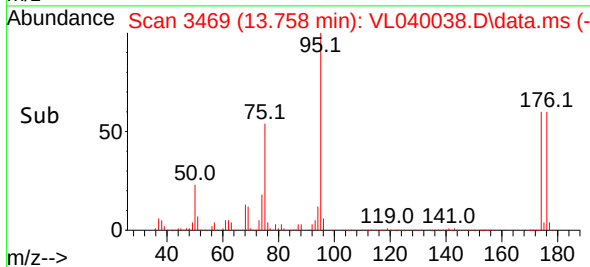
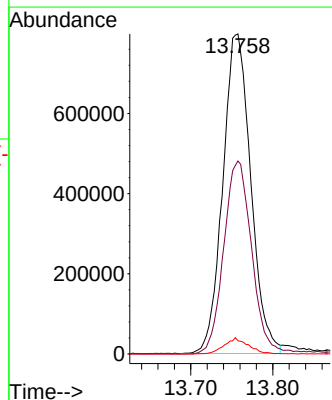
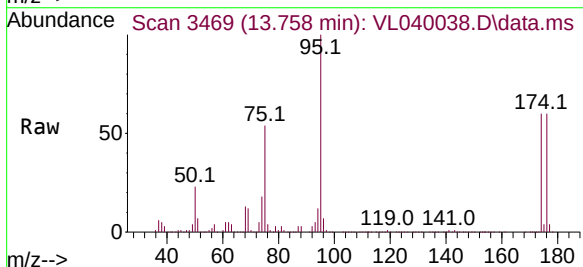
Instrument :
MSVOA_L
ClientSampleId :

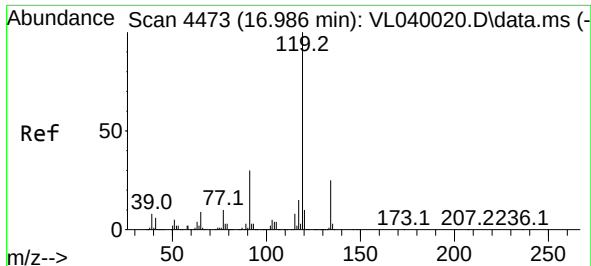
Tgt Ion:120 Resp: 3427
Ion Ratio Lower Upper
120 100
91 2251.2 384.3 576.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.210 ppbv
RT: 13.758 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion: 95 Resp: 1892231
Ion Ratio Lower Upper
95 100
174 60.4 48.6 73.0
175 4.4 3.4 5.2

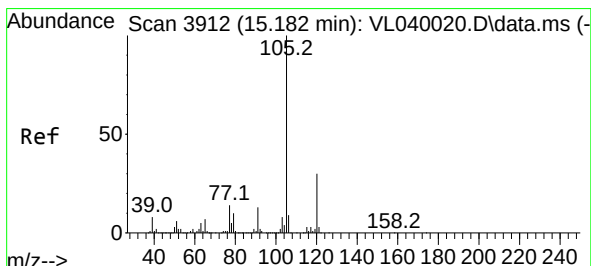
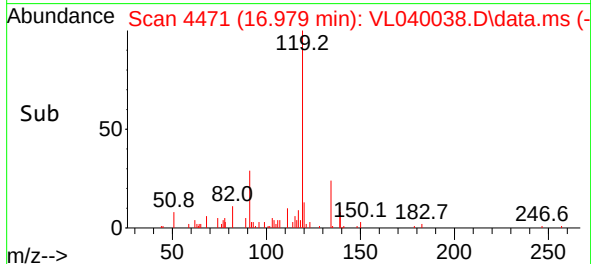
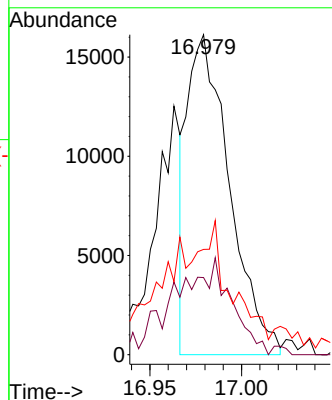
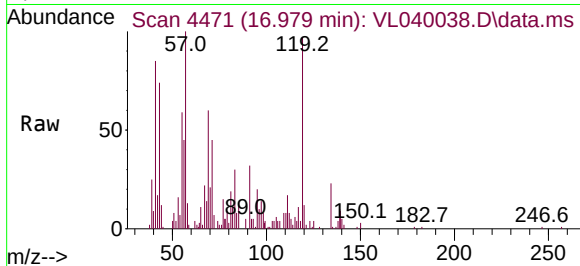




#69
p-Isopropyltoluene
Concen: 0.064 ppbv
RT: 16.979 min Scan# 4473
Delta R.T. -0.006 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

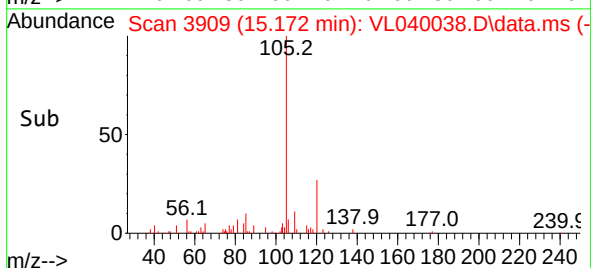
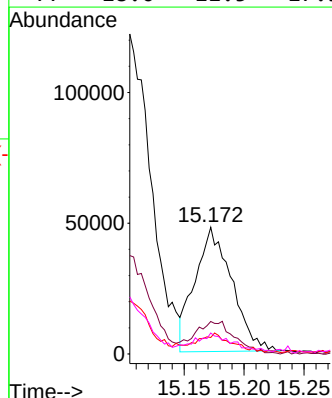
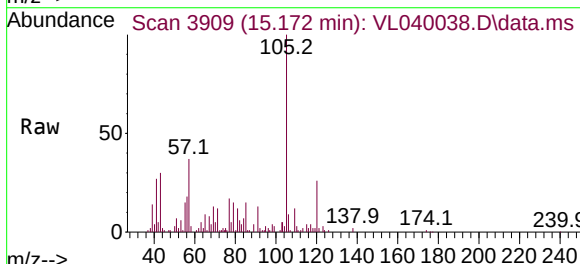
Instrument :
MSVOA_L
ClientSampleId :

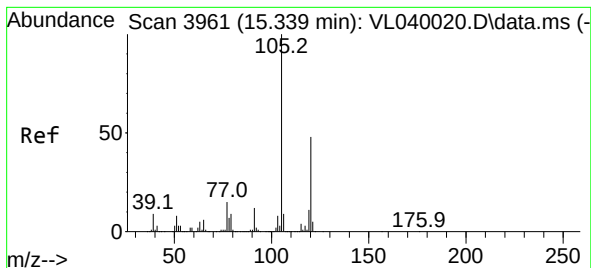
Tgt Ion:119 Resp: 25795
Ion Ratio Lower Upper
119 100
134 42.7 20.2 30.4#
91 57.5 24.2 36.4#



#72
4-Ethyltoluene
Concen: 0.317 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.010 min
Lab File: VL040038.D
Acq: 19 Dec 2022 21:30

Tgt Ion:105 Resp: 101243
Ion Ratio Lower Upper
105 100
120 29.2 23.5 35.3
91 16.2 10.5 15.7#
77 18.0 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.290 ppbv

RT: 15.333 min Scan# 3959

Delta R.T. -0.006 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Instrument :

MSVOA_L

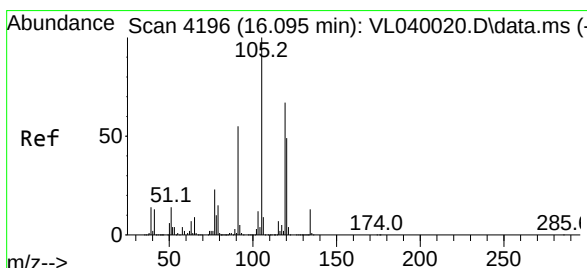
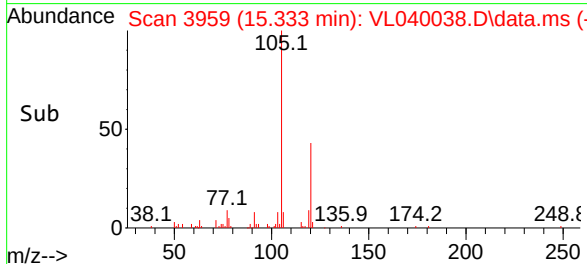
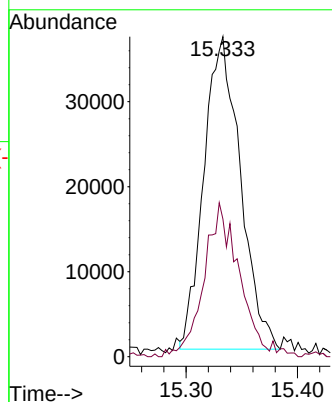
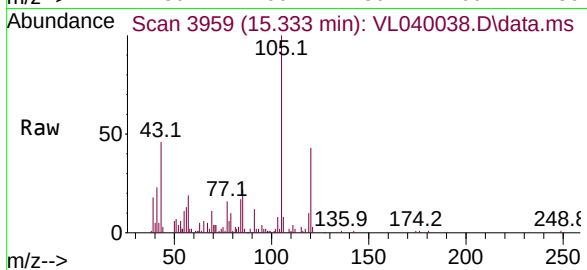
ClientSampleId :

Tgt Ion:105 Resp: 83645

Ion Ratio Lower Upper

105 100

120 41.6 38.4 57.6



#74

1,2,4-Trimethylbenzene

Concen: 0.401 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. -0.010 min

Lab File: VL040038.D

Acq: 19 Dec 2022 21:30

Tgt Ion:105 Resp: 127424

Ion Ratio Lower Upper

105 100

120 36.8 39.3 58.9#

91 10.4 44.2 66.4#

77 15.9 18.8 28.2#

