

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039959.D
 Acq On : 2 Dec 2022 2:07
 Operator : SY/MD
 Sample : N5851-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Quant Time: Dec 02 05:37:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	970741	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.616	114	2704622	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.439	117	2589827	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.745	95	2300583	11.630	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	74088	0.533	ppbv	95
3) Chlorodifluoromethane	2.642	51	102367	0.764	ppbv #	76
4) Chloromethane	2.780	50	69468	0.812	ppbv	95
5) Vinyl Chloride	2.886	62	12427	0.186	ppbv #	86
9) Propene	2.665	41	1108214	17.563	ppbv	95
10) Heptane	7.539	43	20107	0.132	ppbv #	1
11) Trichlorofluoromethane	3.530	101	36604	0.216	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.038	101	9259	0.072	ppbv	94
13) Ethanol	3.205	45	917117	190.373	ppbv	99
15) Acetone	3.433	43	1492034	11.588	ppbv #	85
16) 1,3-Butadiene	2.935	39	374239	5.832	ppbv #	27
17) tert-Butyl alcohol	3.851	59	297515	2.010	ppbv	95
19) Isopropyl Alcohol	3.549	45	167842	2.408	ppbv #	1
20) Methylene Chloride	3.899	84	292475	4.689	ppbv	96
21) Allyl Chloride	3.957	41	3452	0.039	ppbv #	18
23) Vinyl Acetate	4.574	43	188715	3.568	ppbv #	17
25) Ethyl Acetate	5.179	43	200297	0.847	ppbv #	79
26) Hexane	5.179	57	267910	2.594	ppbv #	39
27) Carbon Disulfide	4.092	76	1459491	11.194	ppbv	98
30) Cyclohexane	6.568	84	4088	0.040	ppbv #	1
34) 2-Butanone	4.758	43	426784	3.298	ppbv	98
36) Benzene	6.333	78	474589	2.064	ppbv	93
39) 1,2-Dichloropropane	6.619	63	661756	7.388	ppbv #	25
41) Tetrahydrofuran	5.539	42	3890	0.044	ppbv #	28
43) Methyl Methacrylate	7.446	69	48134	0.534	ppbv	96
44) 2,2,4-Trimethylpentane	7.291	57	51131	0.133	ppbv #	12
47) 1,1,2-Trichloroethane	8.960	97	166406	1.808	ppbv #	60
50) 4-Methyl-2-Pentanone	8.156	43	231840	1.000	ppbv	100
51) 2-Hexanone	9.500	43	339881	1.889	ppbv #	41
52) Tetrachloroethene	10.587	164	50248	0.584	ppbv	93
53) Toluene	9.185	91	418126	1.597	ppbv	99
57) Chlorobenzene	11.500	112	116566	0.589	ppbv #	34
58) Ethyl Benzene	12.060	91	134950	0.384	ppbv	92
59) m/p-Xylene	12.343	91	126804	0.431	ppbv #	30
60) o-Xylene	13.127	91	8769	0.031	ppbv	67
61) Styrene	12.867	104	31139	0.186	ppbv #	12
63) 1,1,2,2-Tetrachloroethane	13.114	83	447255	4.776	ppbv #	24
64) n-propylbenzene	14.892	120	7321	0.069	ppbv #	1
66) Benzyl Chloride	16.294	91	4796	0.158	ppbv #	1
69) p-Isopropyltoluene	16.966	119	21952	0.055	ppbv #	31
70) n-Butylbenzene	18.008	91	40536	0.102	ppbv	87
72) 4-Ethyltoluene	15.175	105	73981	0.235	ppbv #	78
73) 1,3,5-Trimethylbenzene	15.330	105	35162	0.122	ppbv #	84

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SG-1

Quant Time: Dec 02 05:37:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

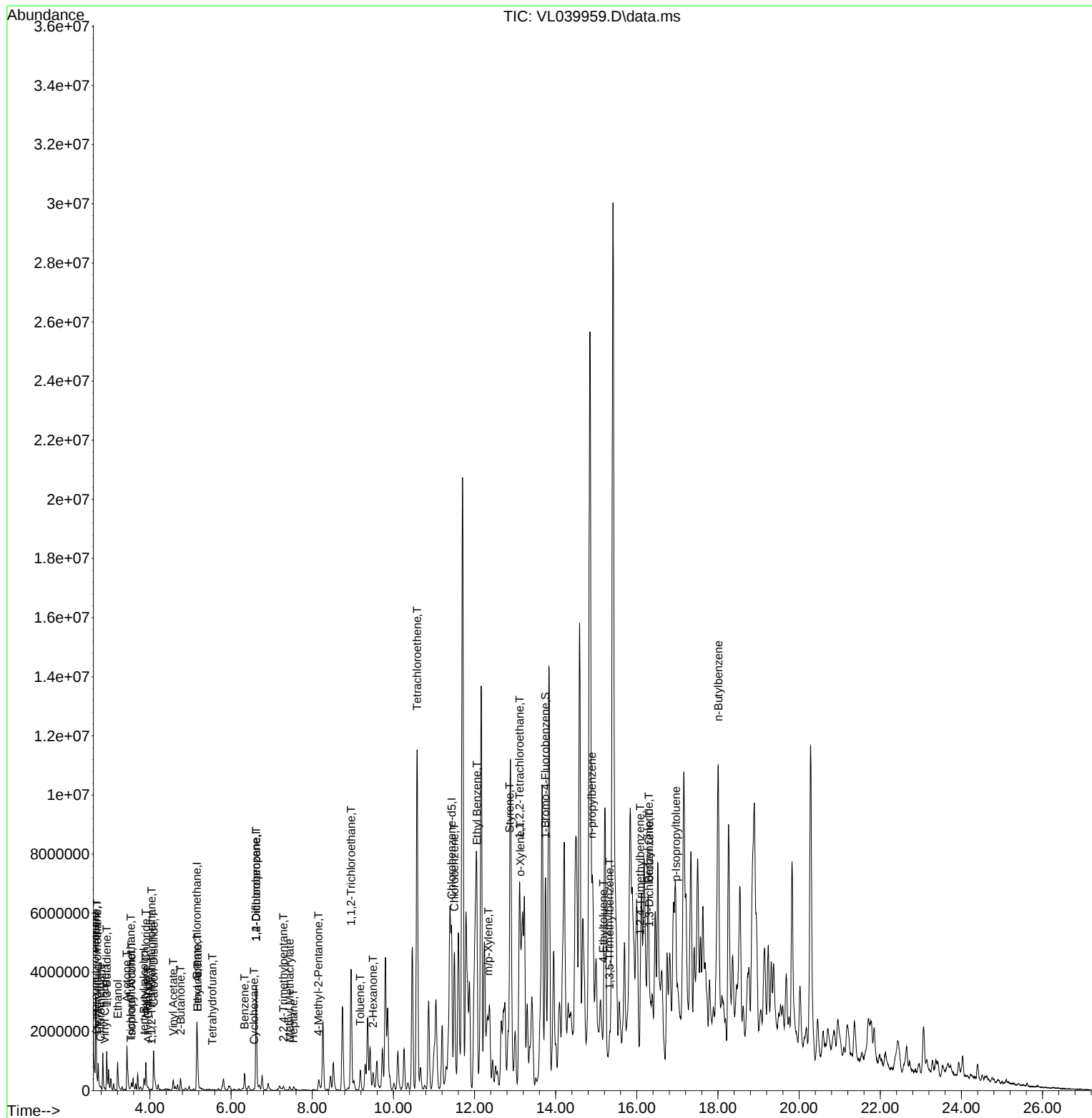
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) 1,2,4-Trimethylbenzene	16.085	105	132902	0.435	ppbv #	69
75) 1,3-Dichlorobenzene	16.307	146	12741	0.074	ppbv #	20

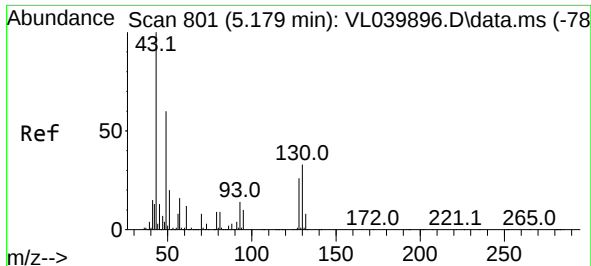
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 05:37:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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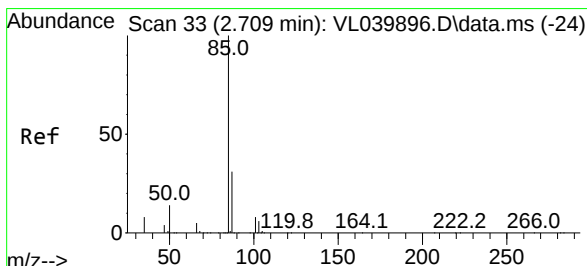
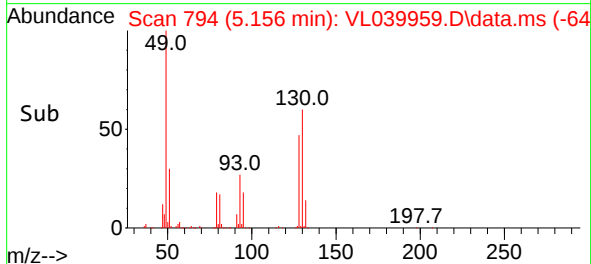
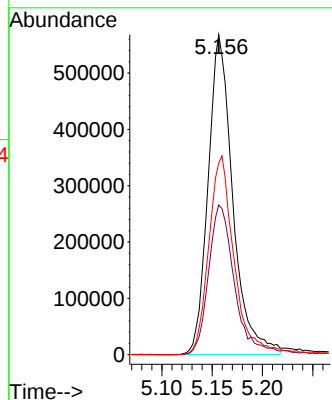
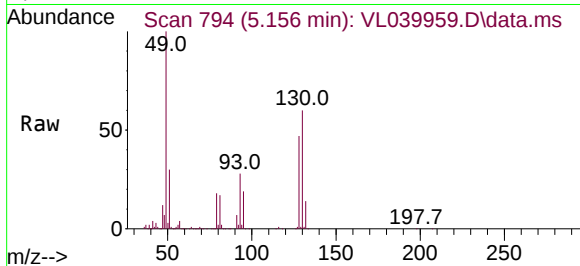




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.156 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: VL039959.D
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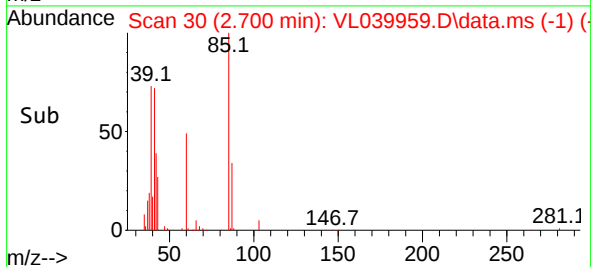
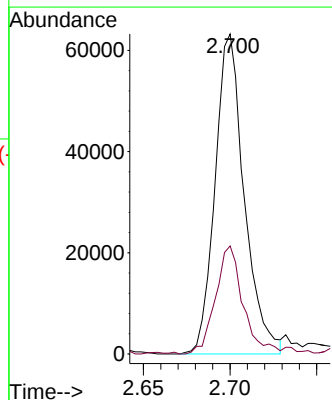
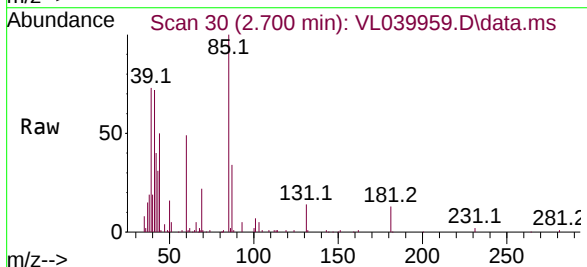
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

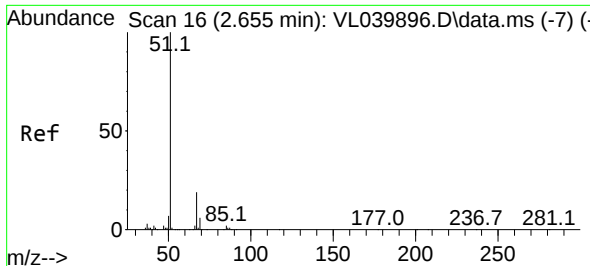
Tgt Ion: 49 Resp: 970741
 Ion Ratio Lower Upper
 49 100
 128 50.3 22.1 66.3
 130 64.5 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 0.533 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

Tgt Ion: 85 Resp: 74088
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.0 37.4

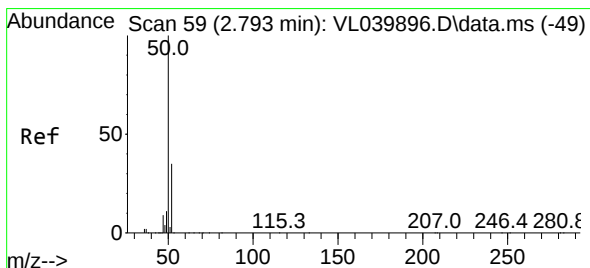
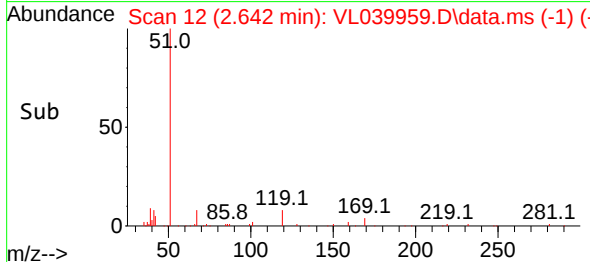
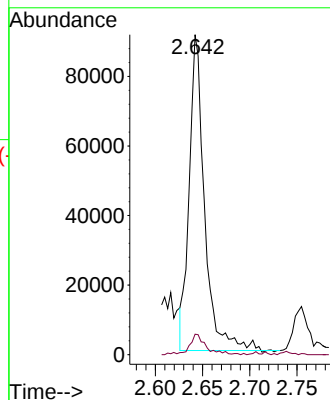
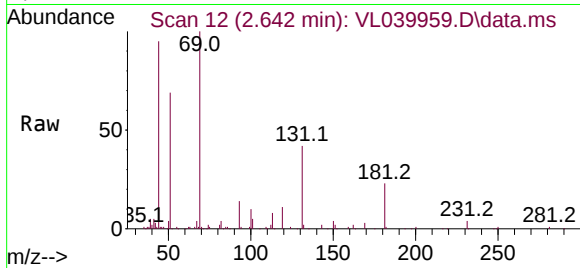




#3
Chlorodifluoromethane
Concen: 0.764 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

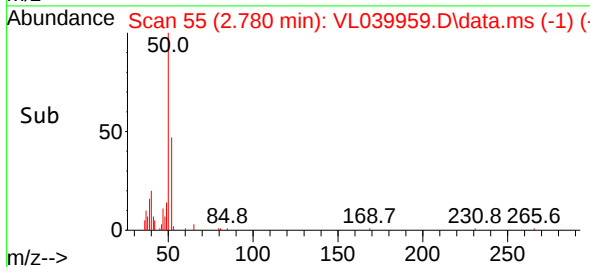
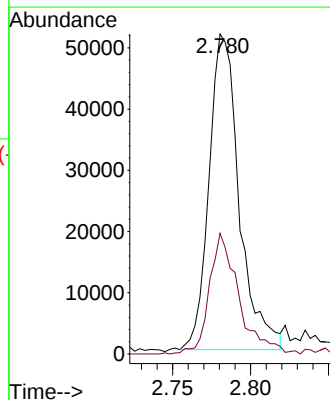
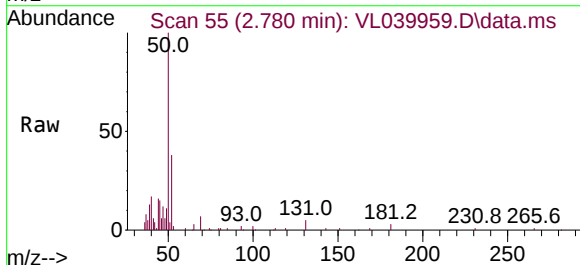
Instrument : MSVOA_L
ClientSampleId : SG-1

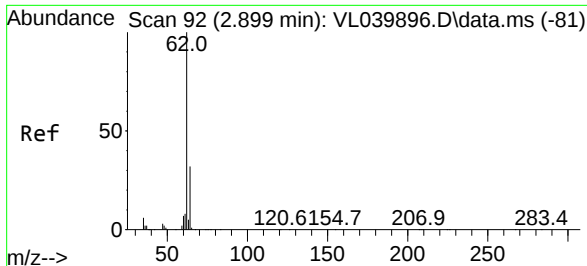
Tgt Ion: 51 Resp: 102367
Ion Ratio Lower Upper
51 100
67 7.2 14.2 21.4#



#4
Chloromethane
Concen: 0.812 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.010 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 50 Resp: 69468
Ion Ratio Lower Upper
50 100
52 37.8 27.8 41.8

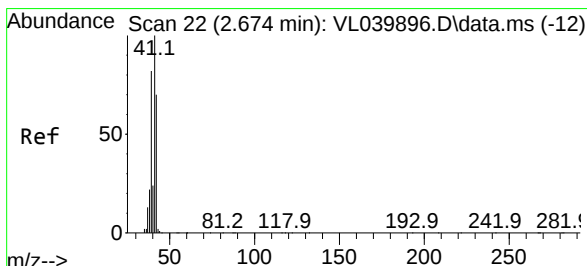
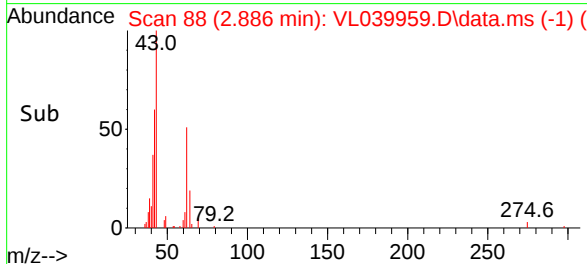
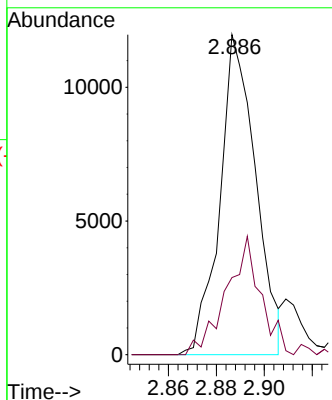
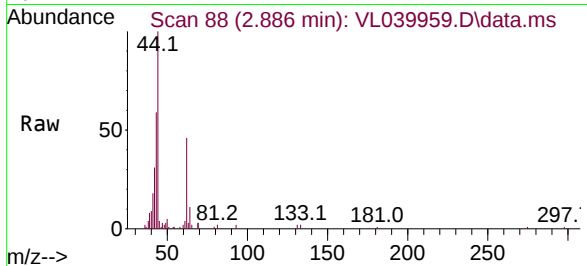




#5
 Vinyl Chloride
 Concen: 0.186 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

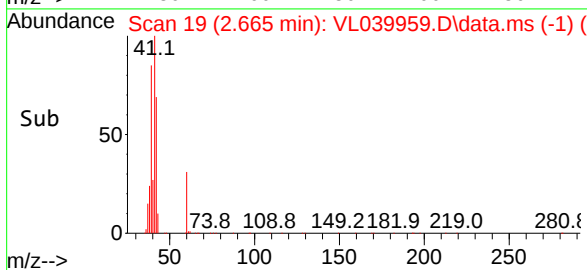
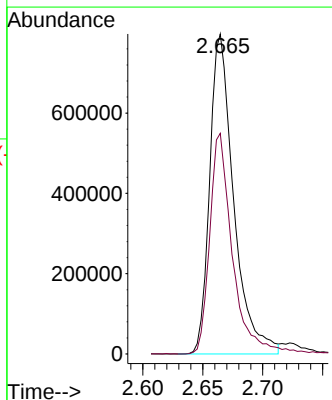
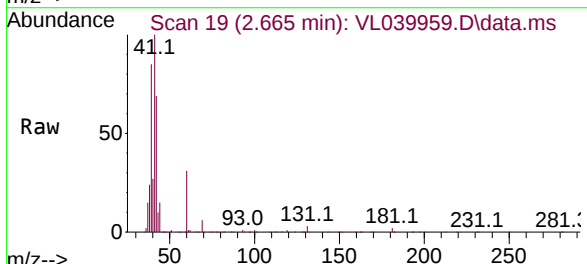
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

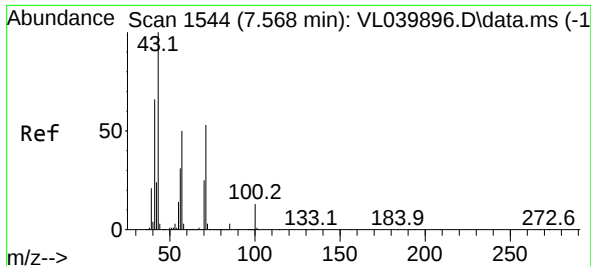
Tgt Ion: 62 Resp: 12427
 Ion Ratio Lower Upper
 62 100
 64 24.1 25.7 38.5#



#9
 Propene
 Concen: 17.563 ppbv
 RT: 2.665 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

Tgt Ion: 41 Resp: 1108214
 Ion Ratio Lower Upper
 41 100
 42 65.9 55.8 83.6

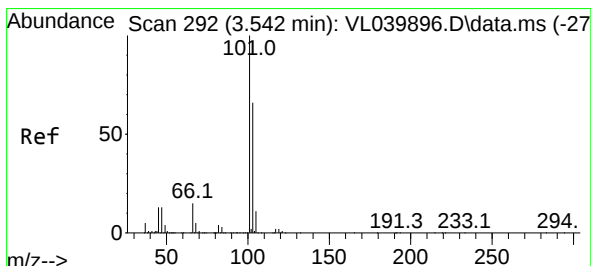
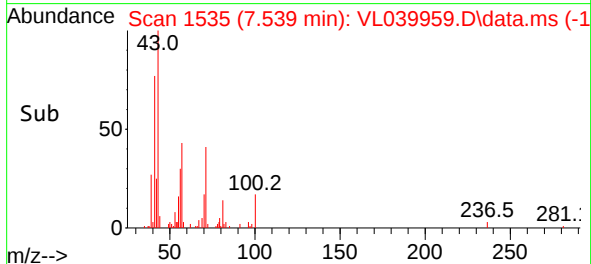
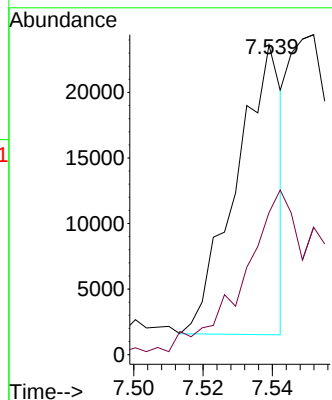
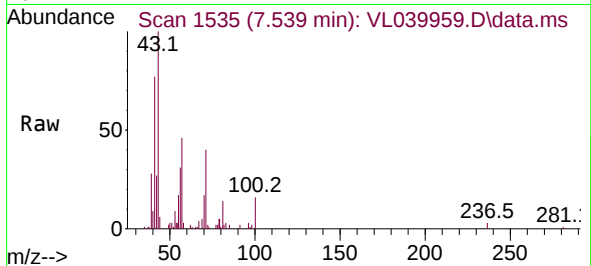




#10
Heptane
Concen: 0.132 ppbv
RT: 7.539 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

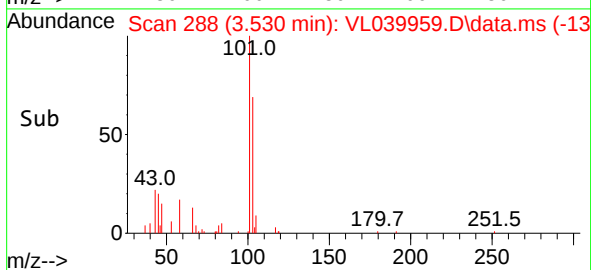
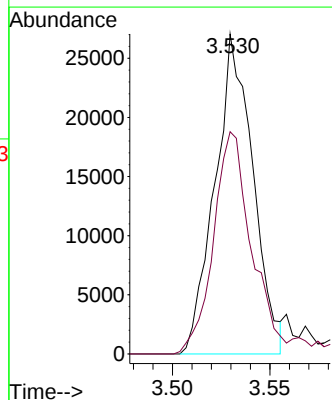
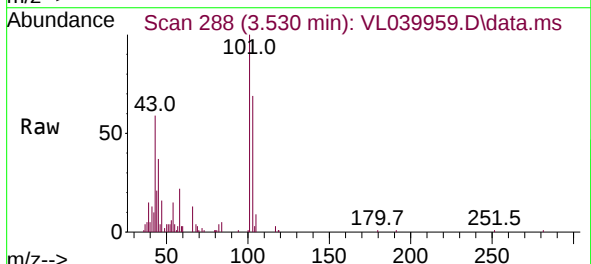
Instrument :
MSVOA_L
ClientSampleId :
SG-1

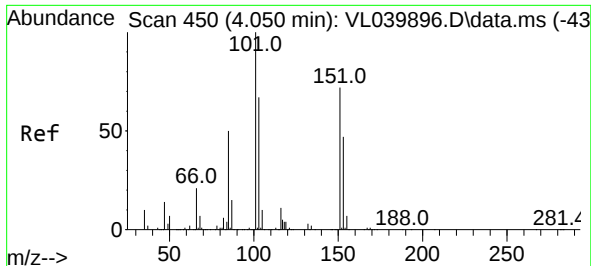
Tgt Ion: 43 Resp: 20107
Ion Ratio Lower Upper
43 100
57 130.3 40.7 61.1#



#11
Trichlorofluoromethane
Concen: 0.216 ppbv
RT: 3.530 min Scan# 288
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 101 Resp: 36604
Ion Ratio Lower Upper
101 100
103 68.7 52.6 78.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.072 ppbv

RT: 4.038 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_L

ClientSampleId :

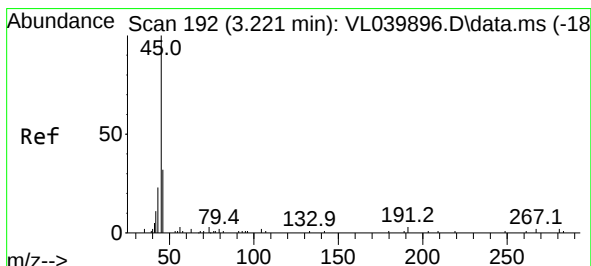
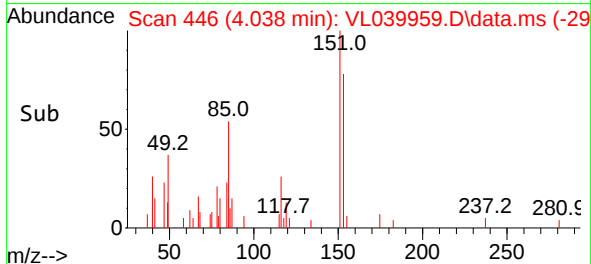
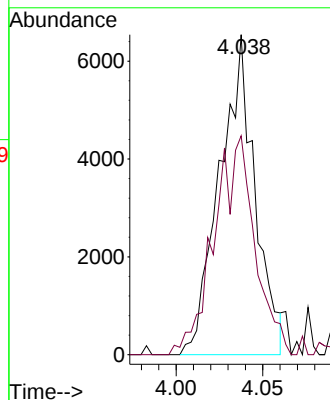
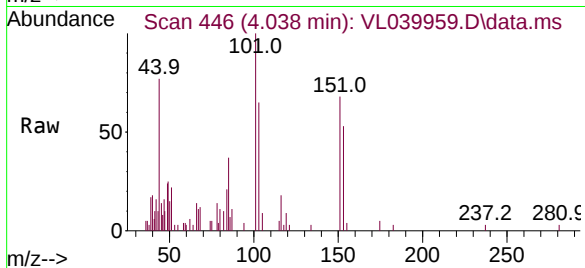
SG-1

Tgt Ion:101 Resp: 9259

Ion Ratio Lower Upper

101 100

151 79.5 59.6 89.4



#13

Ethanol

Concen: 190.373 ppbv

RT: 3.205 min Scan# 187

Delta R.T. -0.022 min

Lab File: VL039959.D

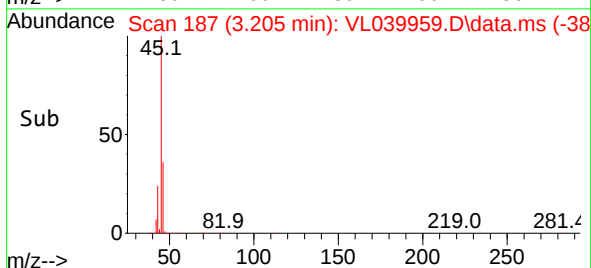
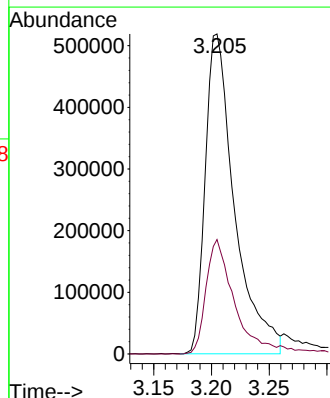
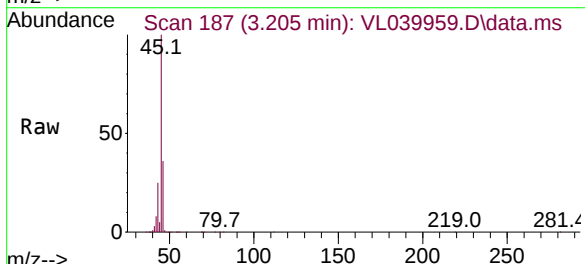
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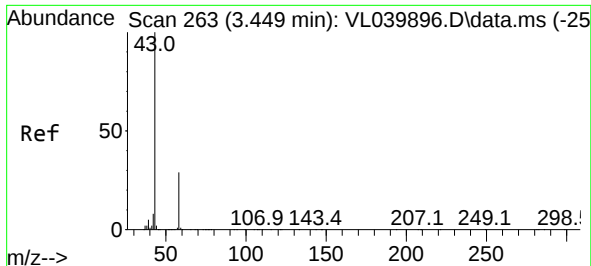
Tgt Ion: 45 Resp: 917117

Ion Ratio Lower Upper

45 100

46 37.0 14.6 58.2

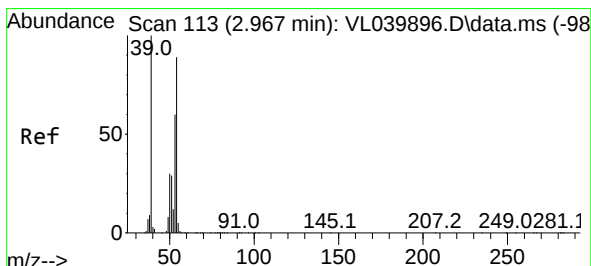
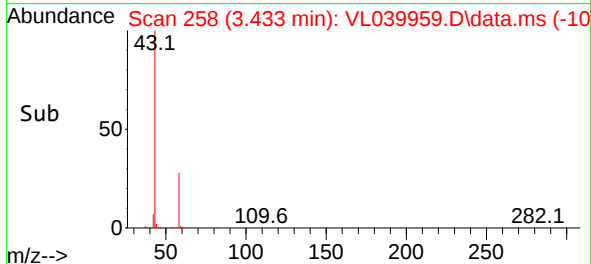
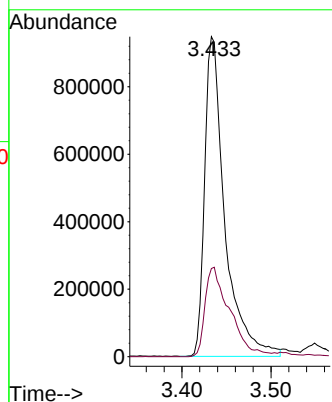
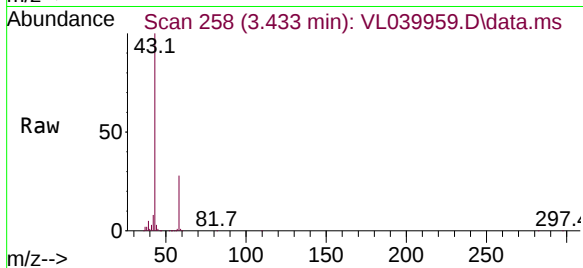




#15
Acetone
Concen: 11.588 ppbv
RT: 3.433 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

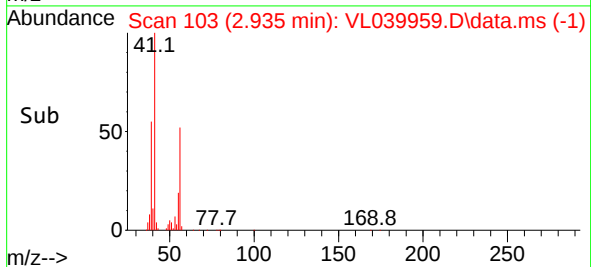
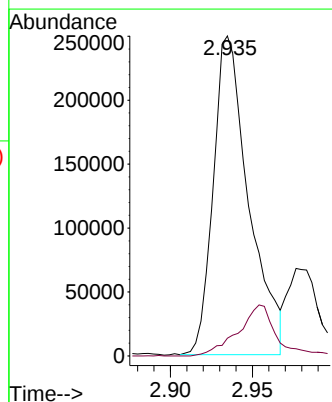
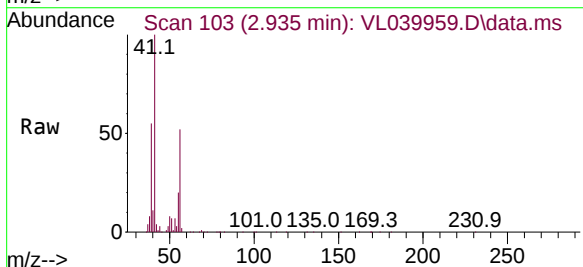
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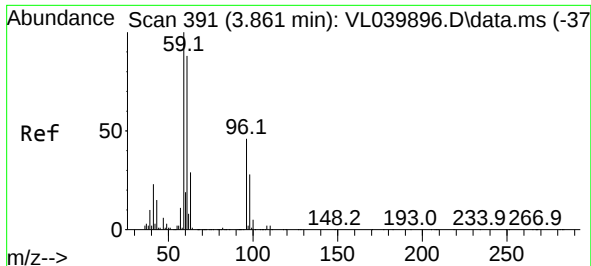
Tgt Ion: 43 Resp: 1492034
Ion Ratio Lower Upper
43 100
58 36.4 22.9 34.3#



#16
1,3-Butadiene
Concen: 5.832 ppbv
RT: 2.935 min Scan# 103
Delta R.T. -0.029 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 39 Resp: 374239
Ion Ratio Lower Upper
39 100
54 17.6 66.6 99.8#





#17

tert-Butyl alcohol

Concen: 2.010 ppbv

RT: 3.851 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_L

ClientSampleId :

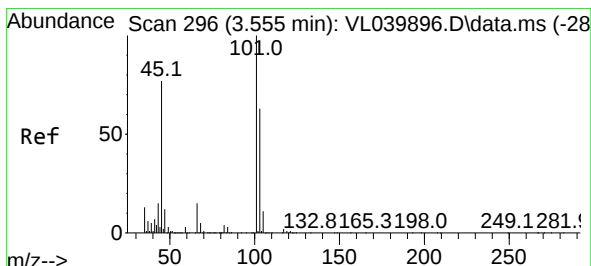
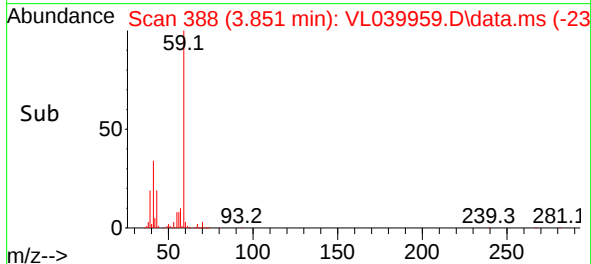
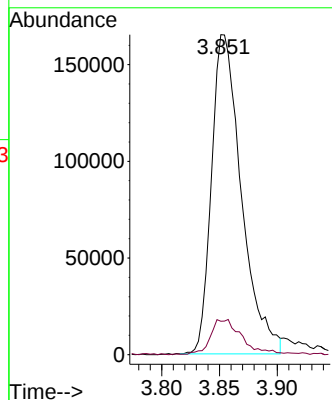
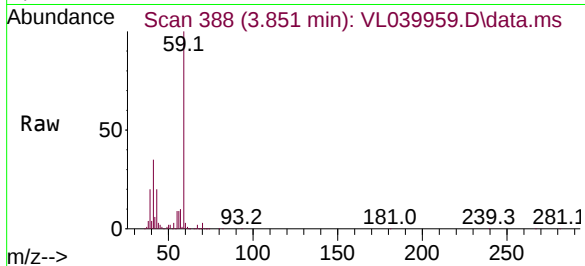
SG-1

Tgt Ion: 59 Resp: 297515

Ion Ratio Lower Upper

59 100

57 12.4 8.3 12.5



#19

Isopropyl Alcohol

Concen: 2.408 ppbv

RT: 3.549 min Scan# 294

Delta R.T. -0.006 min

Lab File: VL039959.D

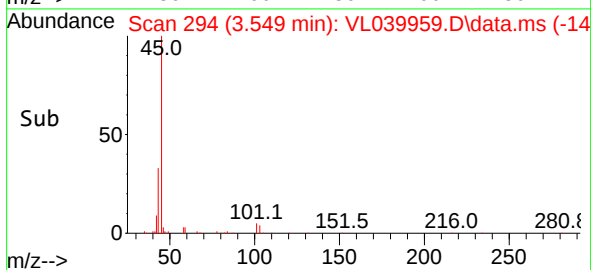
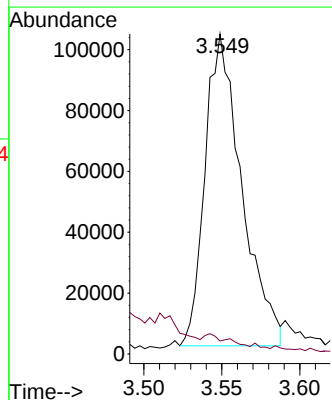
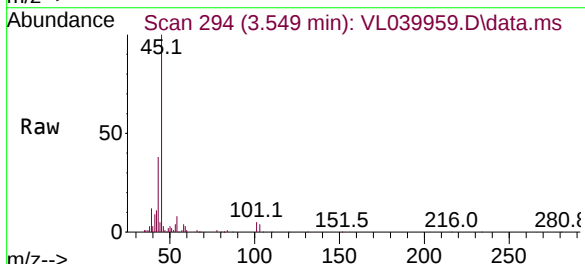
Acq: 2 Dec 2022 2:07

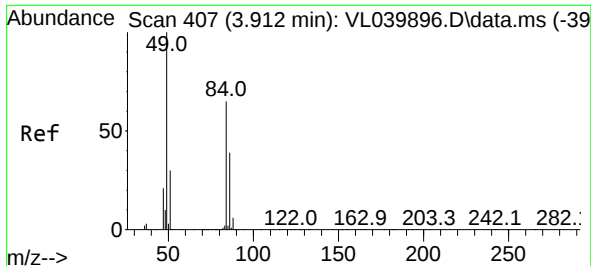
Tgt Ion: 45 Resp: 167842

Ion Ratio Lower Upper

45 100

58 323.9 38.7 58.1#





#20

Methylene Chloride

Concen: 4.689 ppbv

RT: 3.899 min Scan# 407

Delta R.T. -0.013 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_L

ClientSampleId :

SG-1

Tgt Ion: 84 Resp: 292475

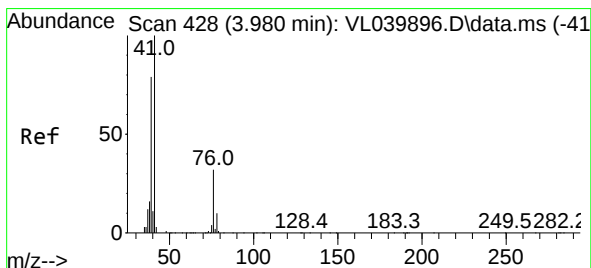
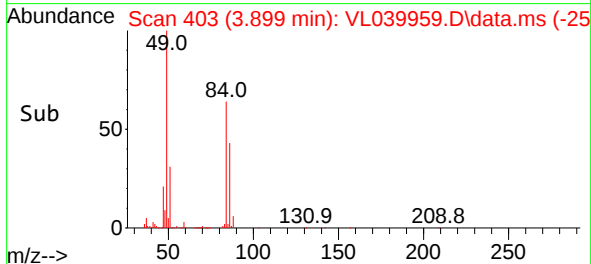
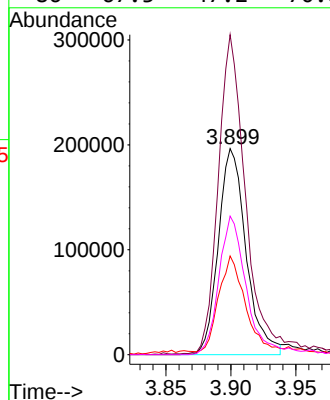
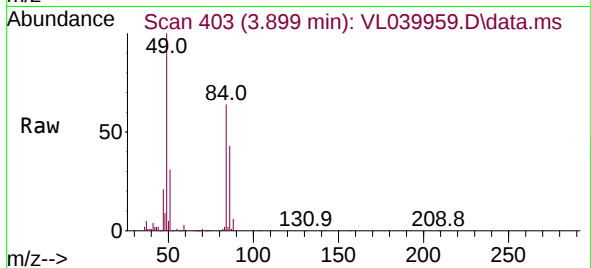
Ion Ratio Lower Upper

84 100

49 154.8 122.2 183.4

51 46.2 36.3 54.5

86 67.3 47.2 70.8



#21

Allyl Chloride

Concen: 0.039 ppbv

RT: 3.957 min Scan# 421

Delta R.T. -0.019 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

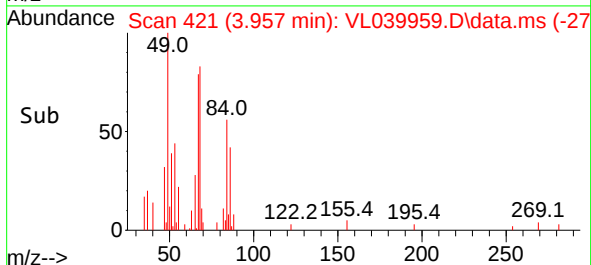
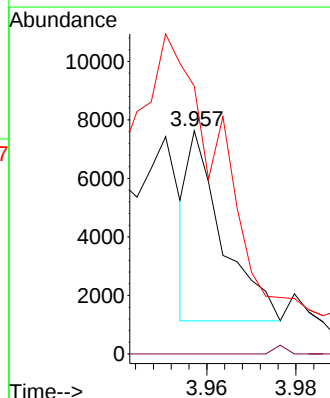
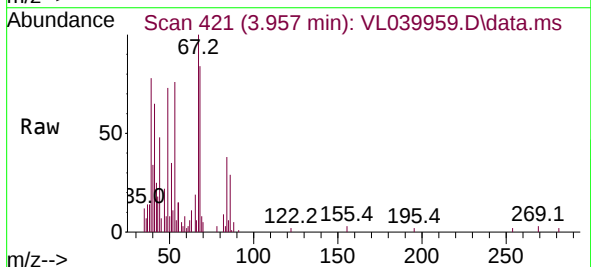
Tgt Ion: 41 Resp: 3452

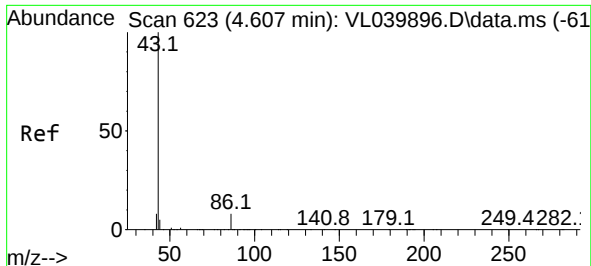
Ion Ratio Lower Upper

41 100

76 0.0 25.6 38.4#

39 0.0 65.2 97.8#

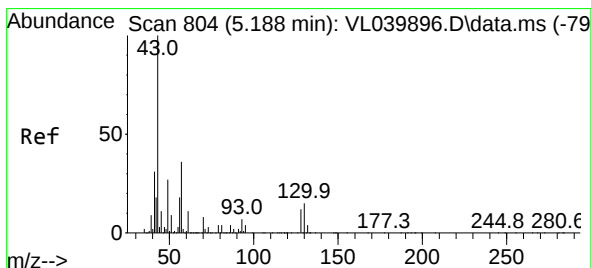
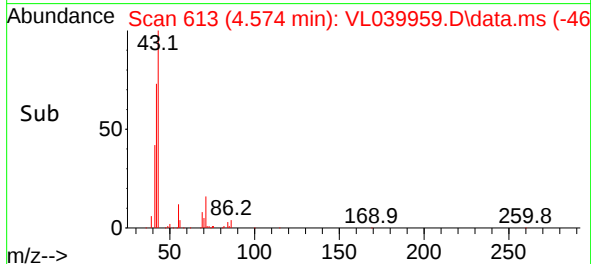
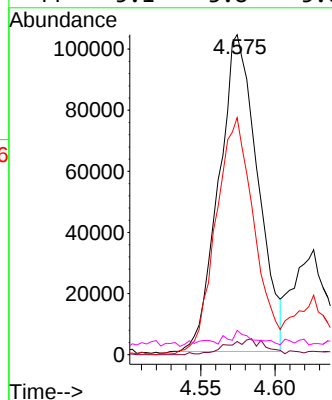
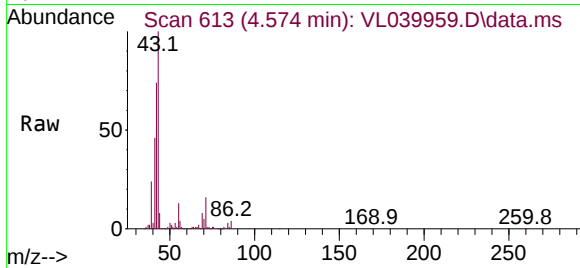




#23
 Vinyl Acetate
 Concen: 3.568 ppbv
 RT: 4.574 min Scan# 61
 Delta R.T. -0.032 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

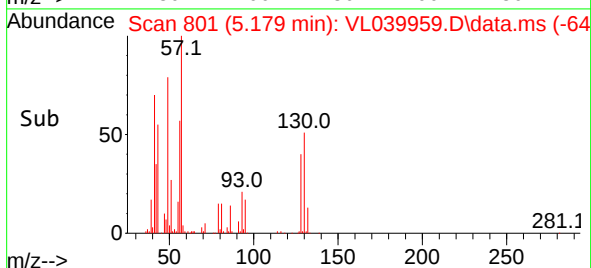
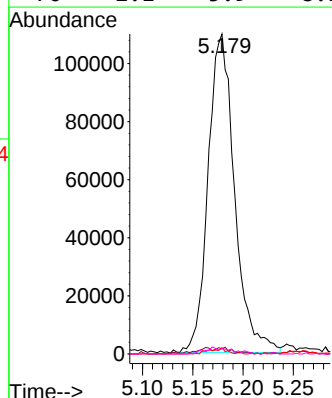
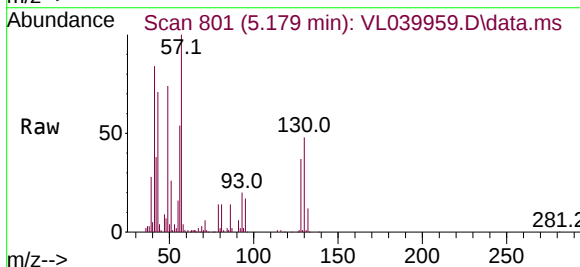
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

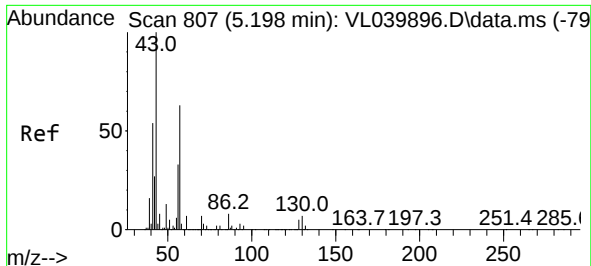
Tgt Ion: 43 Resp: 188715
 Ion Ratio Lower Upper
 43 100
 86 4.1 5.0 7.4#
 42 73.4 7.6 11.4#
 44 5.1 3.8 5.6



#25
 Ethyl Acetate
 Concen: 0.847 ppbv
 RT: 5.179 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

Tgt Ion: 43 Resp: 200297
 Ion Ratio Lower Upper
 43 100
 45 2.6 8.4 12.6#
 61 1.3 8.5 12.7#
 70 2.1 5.9 8.9#

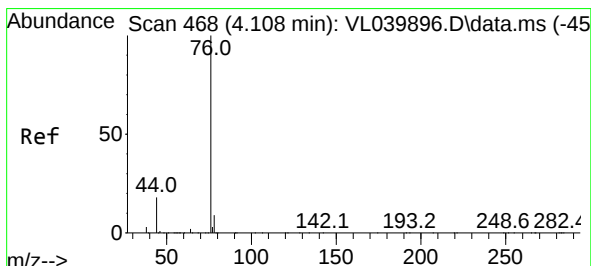
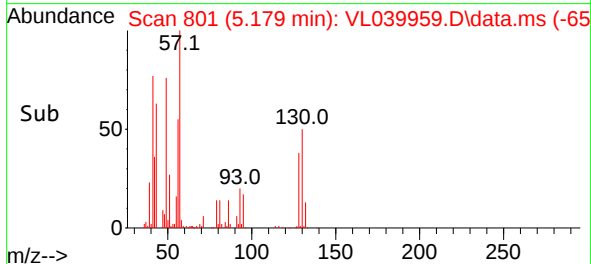
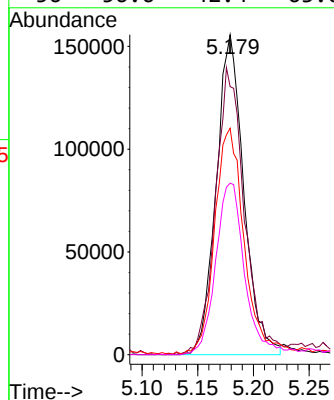
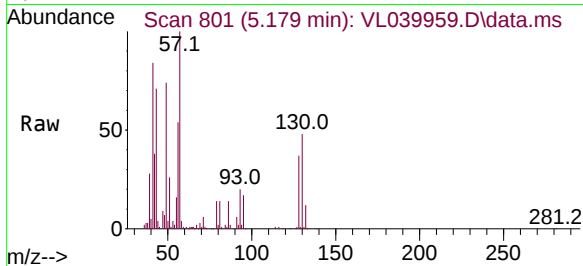




#26
Hexane
Concen: 2.594 ppbv
RT: 5.179 min Scan# 807
Delta R.T. -0.016 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

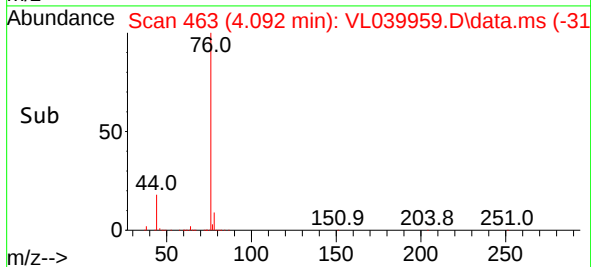
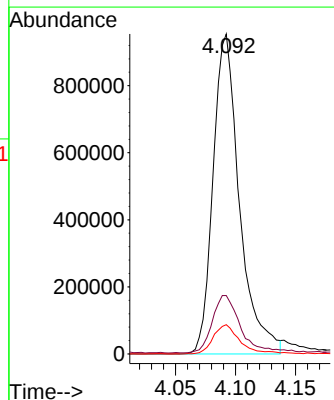
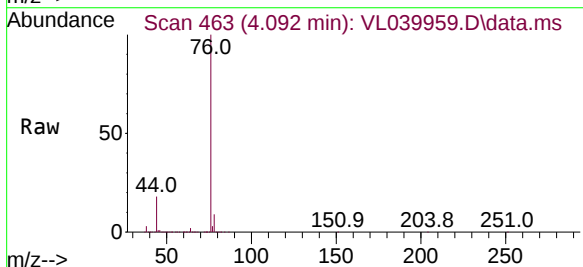
Instrument :
MSVOA_L
ClientSampleId :
SG-1

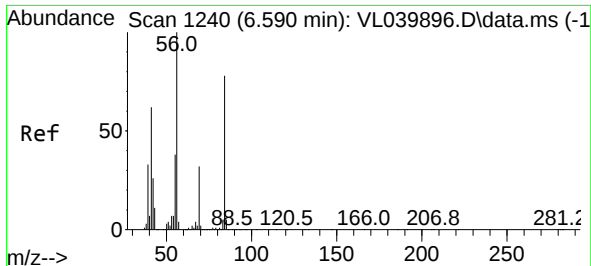
Tgt Ion: 57 Resp: 267910
Ion Ratio Lower Upper
57 100
41 96.8 72.3 108.5
43 76.6 188.7 283.1#
56 56.6 42.4 63.6



#27
Carbon Disulfide
Concen: 11.194 ppbv
RT: 4.092 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 76 Resp: 1459491
Ion Ratio Lower Upper
76 100
44 19.3 14.7 22.1
78 9.5 7.8 11.8

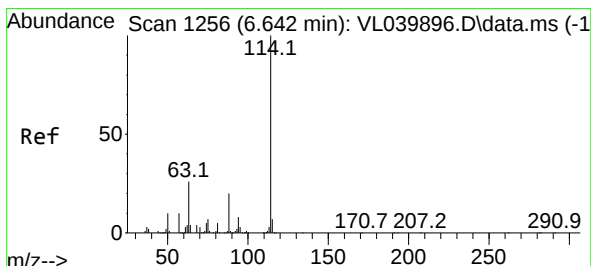
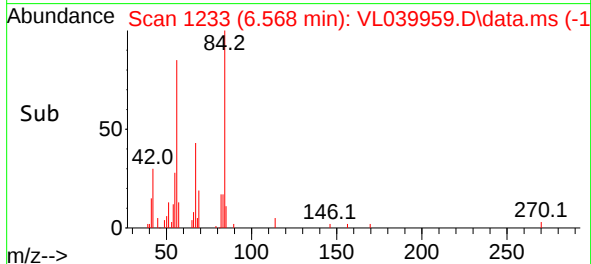
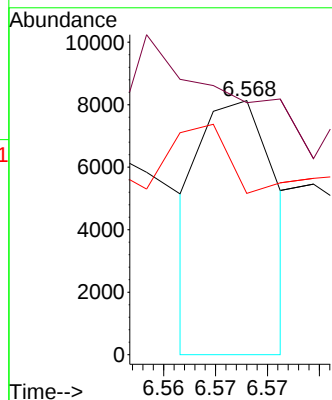
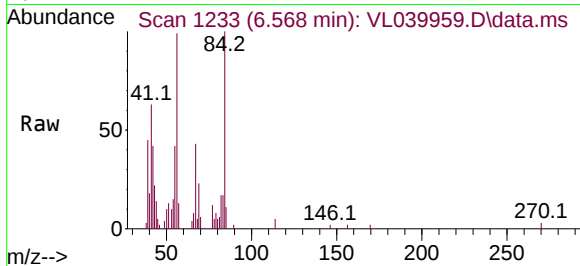




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 6.568 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

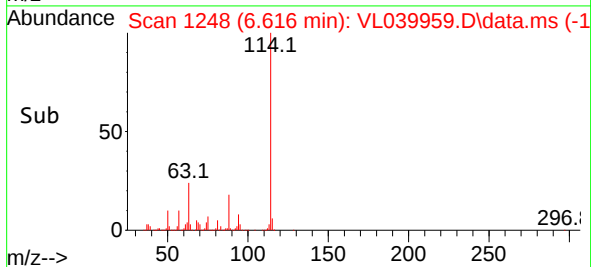
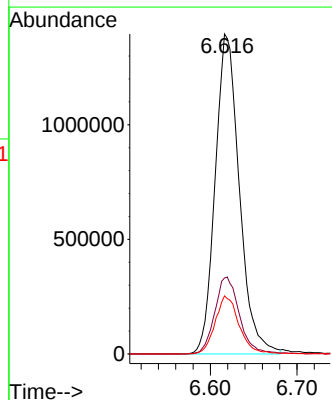
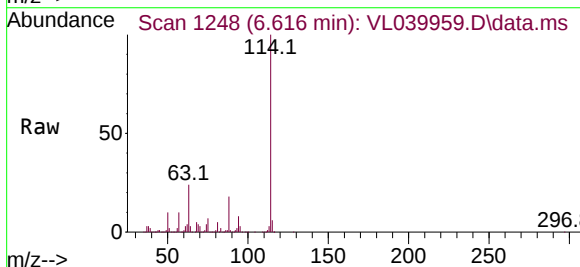
Instrument :
MSVOA_L
ClientSampleId :
SG-1

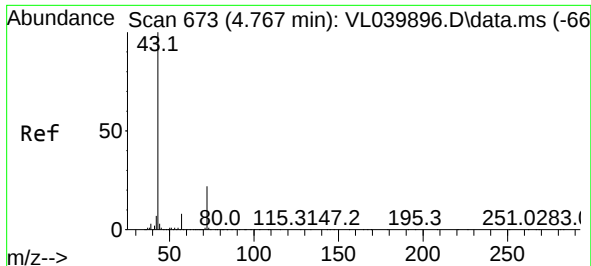
Tgt Ion: 84 Resp: 4088
Ion Ratio Lower Upper
84 100
56 0.0 112.5 168.7#
41 335.1 67.8 101.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 114 Resp: 2704622
Ion Ratio Lower Upper
114 100
63 24.8 21.4 32.0
88 18.1 15.3 22.9

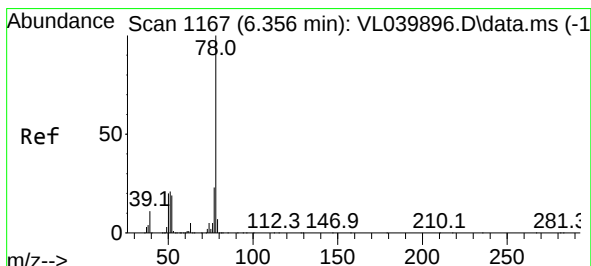
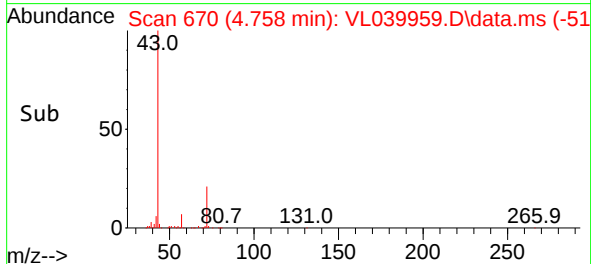
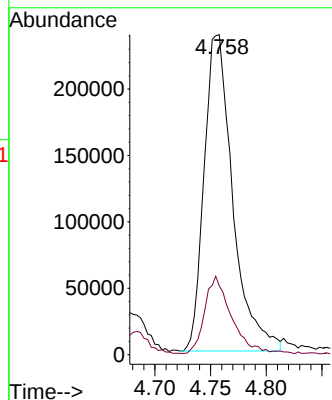
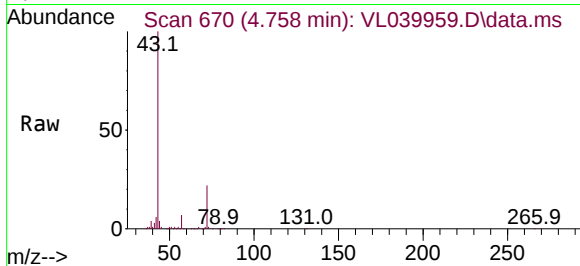




#34
2-Butanone
Concen: 3.298 ppbv
RT: 4.758 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

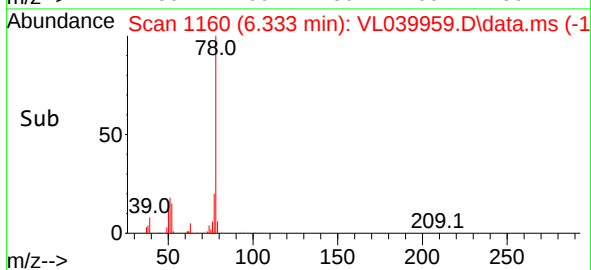
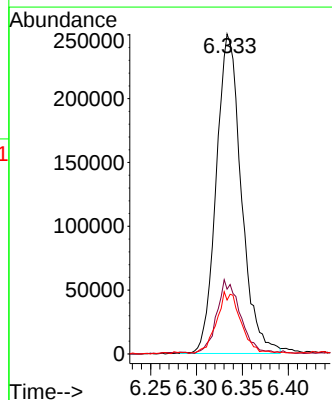
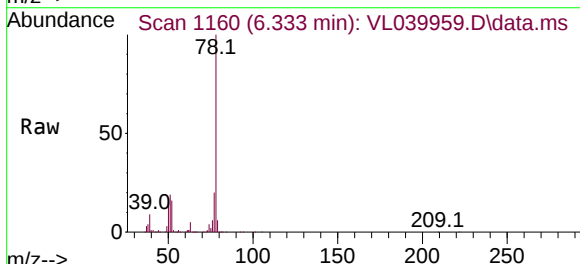
Instrument :
MSVOA_L
ClientSampleId :
SG-1

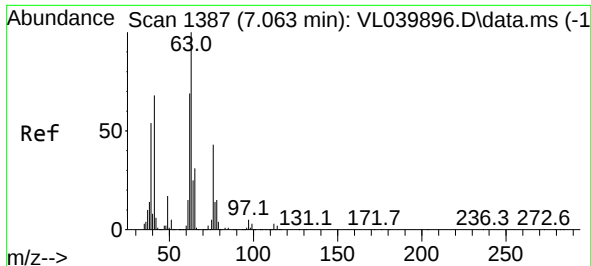
Tgt Ion: 43 Resp: 426784
Ion Ratio Lower Upper
43 100
72 22.8 17.4 26.2



#36
Benzene
Concen: 2.064 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 78 Resp: 474589
Ion Ratio Lower Upper
78 100
77 19.7 18.2 27.2
50 16.4 15.8 23.8





#39

1,2-Dichloropropane

Concen: 7.388 ppbv

RT: 6.619 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_L

ClientSampleId :

SG-1

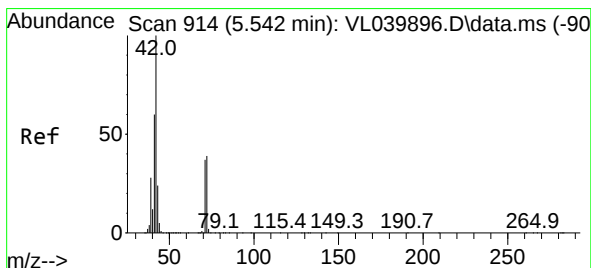
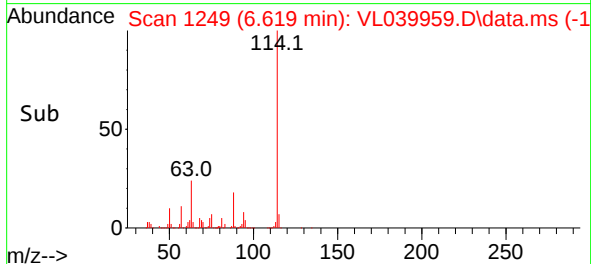
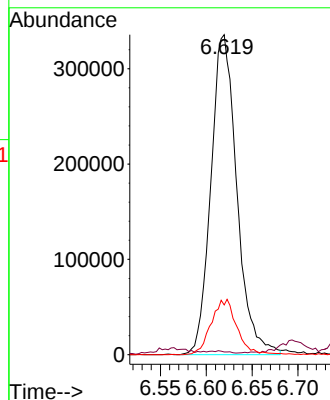
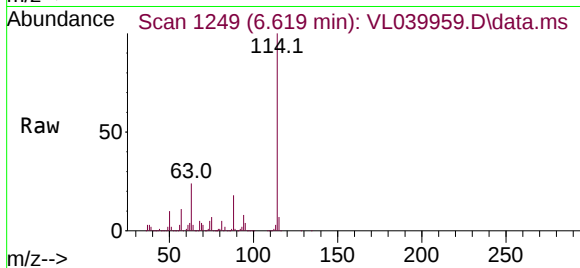
Tgt Ion: 63 Resp: 661756

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 15.6 55.0 82.6#



#41

Tetrahydrofuran

Concen: 0.044 ppbv

RT: 5.539 min Scan# 913

Delta R.T. 0.000 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

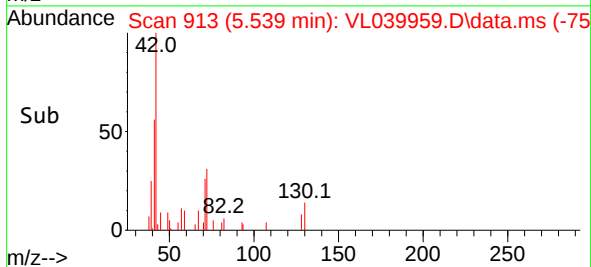
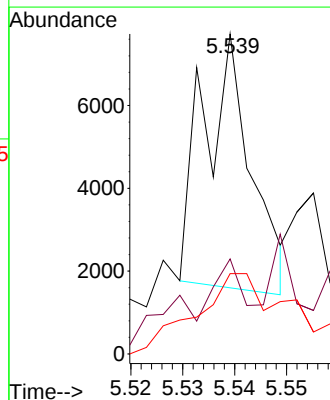
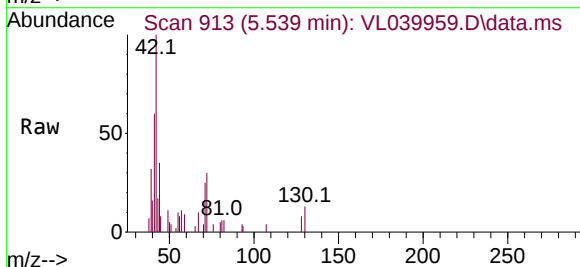
Tgt Ion: 42 Resp: 3890

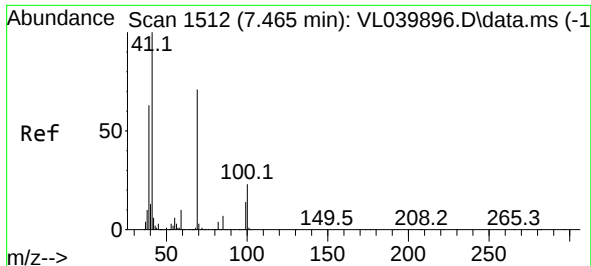
Ion Ratio Lower Upper

42 100

72 0.0 31.6 47.4#

71 87.9 31.2 46.8#

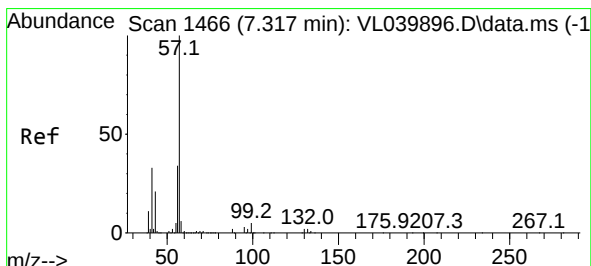
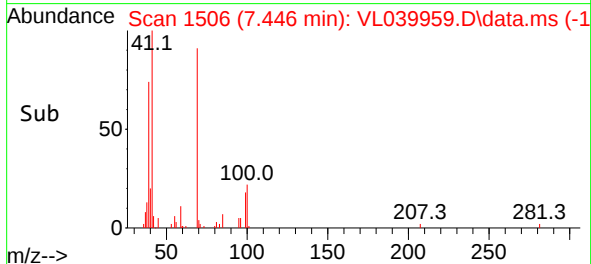
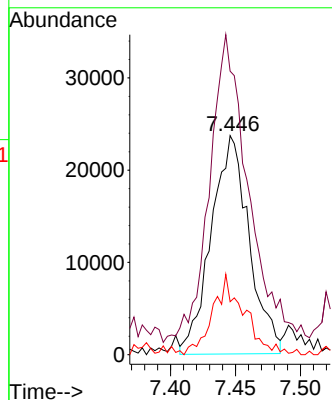
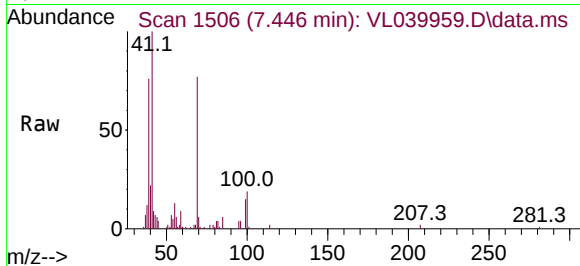




#43
Methyl Methacrylate
Concen: 0.534 ppbv
RT: 7.446 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

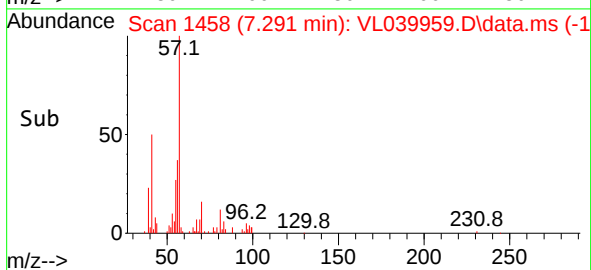
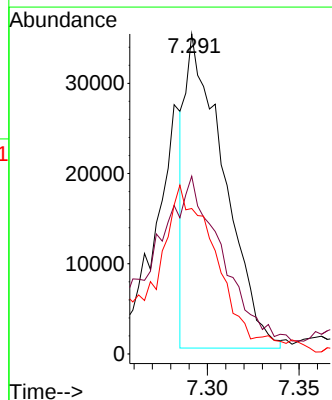
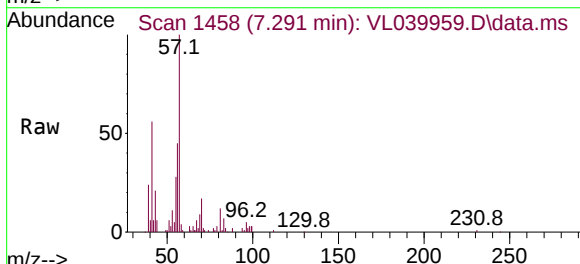
Instrument :
MSVOA_L
ClientSampleId :
SG-1

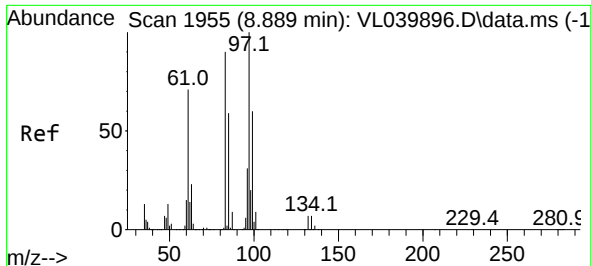
Tgt Ion: 69 Resp: 48134
Ion Ratio Lower Upper
69 100
41 149.9 116.4 174.6
100 30.6 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 0.133 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 57 Resp: 51131
Ion Ratio Lower Upper
57 100
41 98.9 26.2 39.2#
56 0.0 25.5 38.3#





#47

1,1,2-Trichloroethane

Concen: 1.808 ppbv

RT: 8.960 min Scan# 1955

Delta R.T. 0.077 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_1

ClientSampleId :

SG-1

Tgt Ion: 97 Resp: 166406

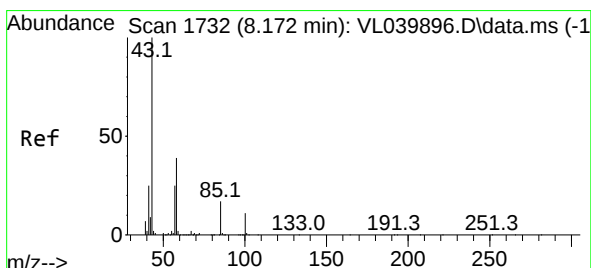
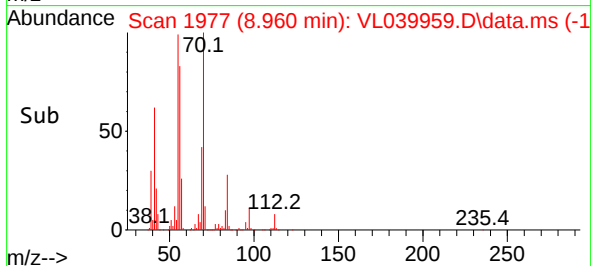
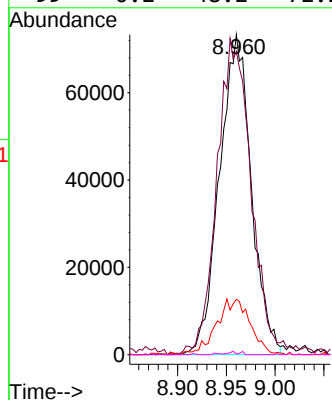
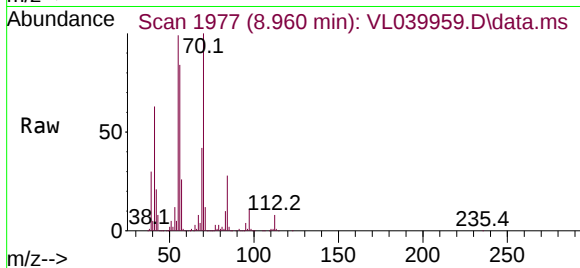
Ion Ratio Lower Upper

97 100

83 94.4 72.1 108.1

85 17.3 47.2 70.8#

99 0.2 48.2 72.2#



#50

4-Methyl-2-Pentanone

Concen: 1.000 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. -0.010 min

Lab File: VL039959.D

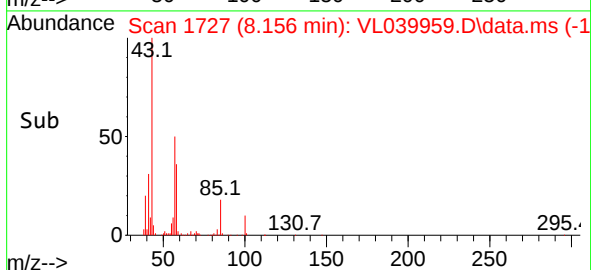
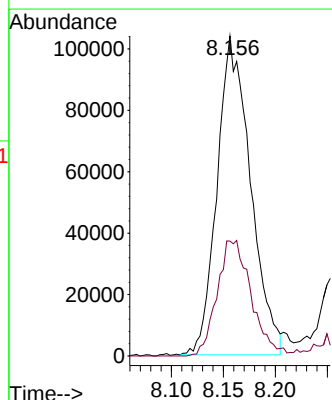
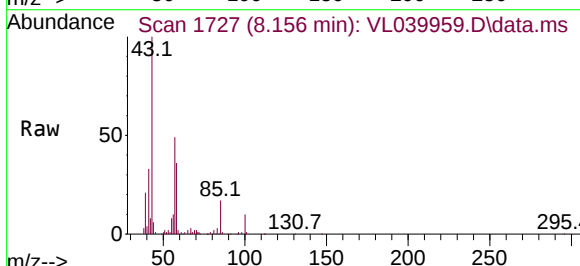
Acq: 2 Dec 2022 2:07

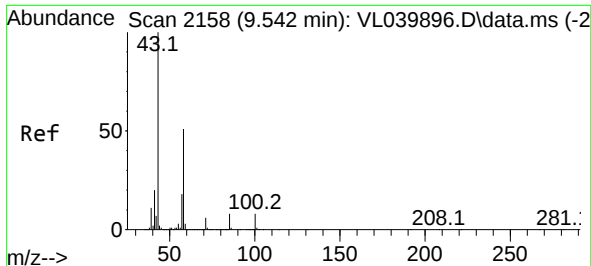
Tgt Ion: 43 Resp: 231840

Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.6

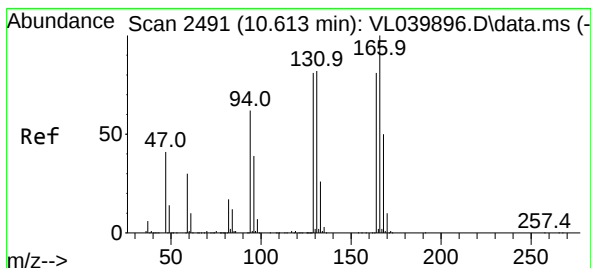
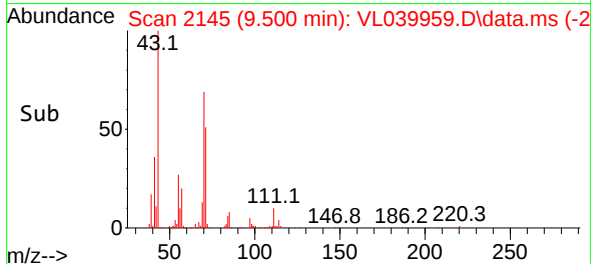
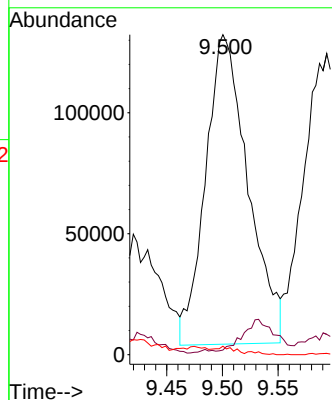
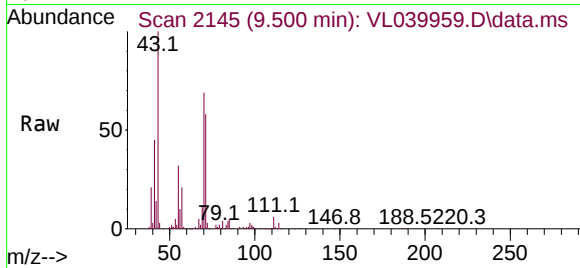




#51
2-Hexanone
Concen: 1.889 ppbv
RT: 9.500 min Scan# 2158
Delta R.T. -0.039 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

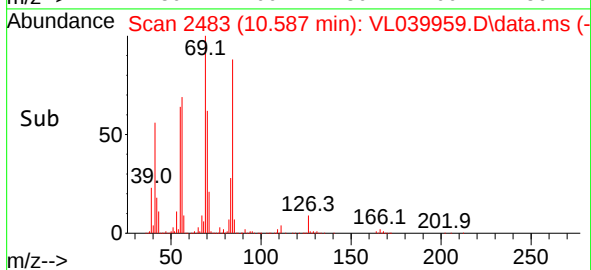
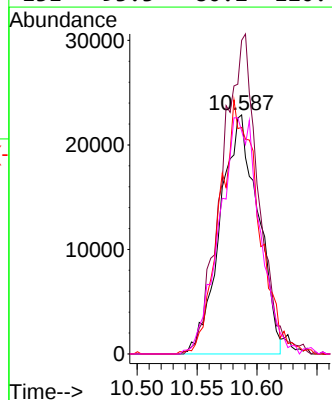
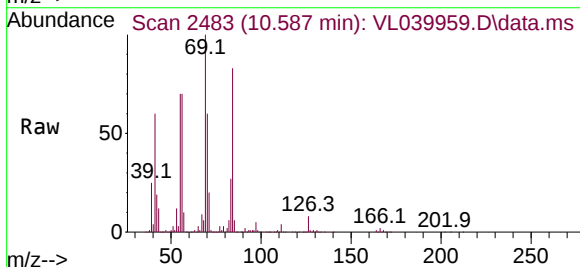
Instrument :
MSVOA_L
ClientSampleId :
SG-1

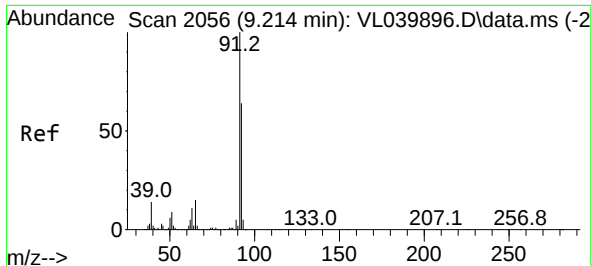
Tgt Ion: 43 Resp: 339881
Ion Ratio Lower Upper
43 100
58 9.7 40.2 60.4#
98 3.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.584 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.016 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 164 Resp: 50248
Ion Ratio Lower Upper
164 100
166 131.2 98.3 147.5
129 93.8 79.7 119.5
131 93.3 80.2 120.4

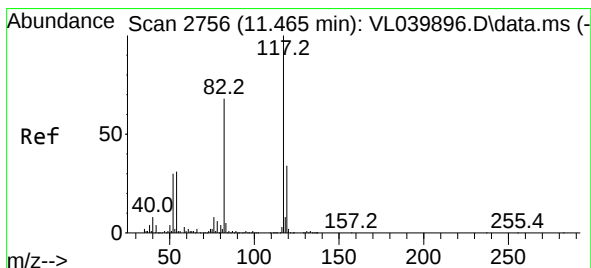
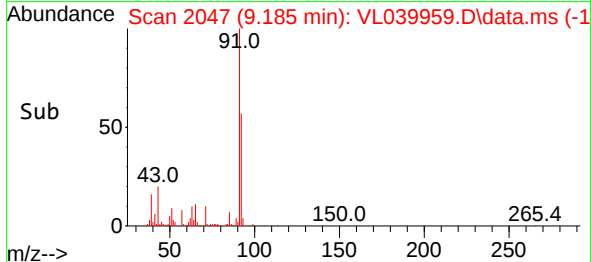
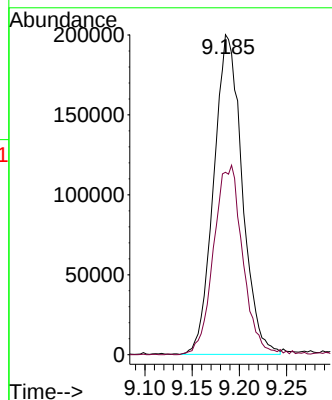
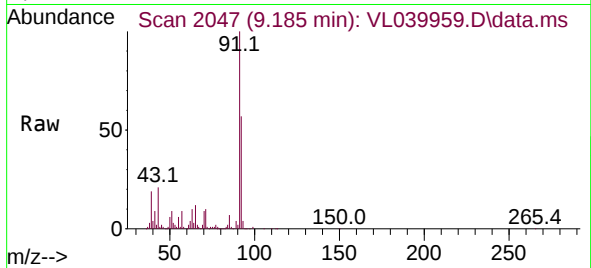




#53
Toluene
Concen: 1.597 ppbv
RT: 9.185 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

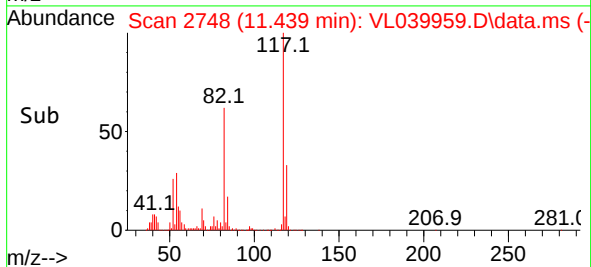
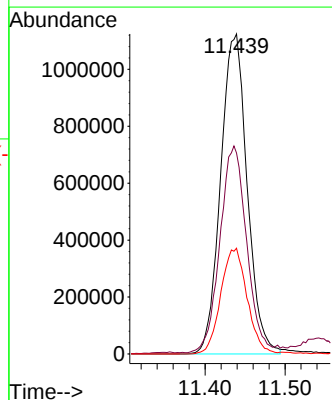
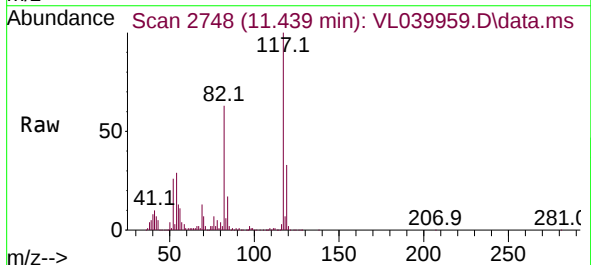
Instrument :
MSVOA_L
ClientSampleId :
SG-1

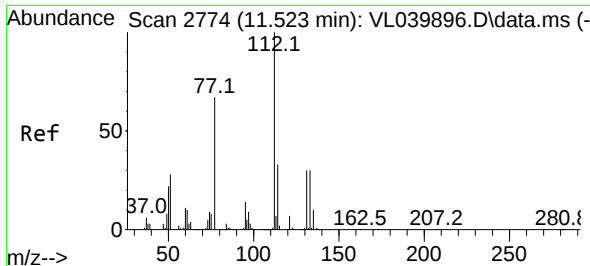
Tgt Ion: 91 Resp: 418126
Ion Ratio Lower Upper
91 100
92 61.5 49.8 74.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 117 Resp: 2589827
Ion Ratio Lower Upper
117 100
82 65.3 52.3 78.5
119 33.2 25.7 38.5

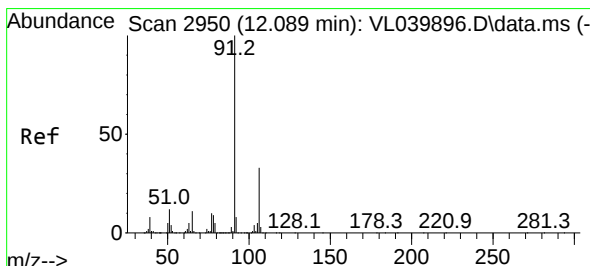
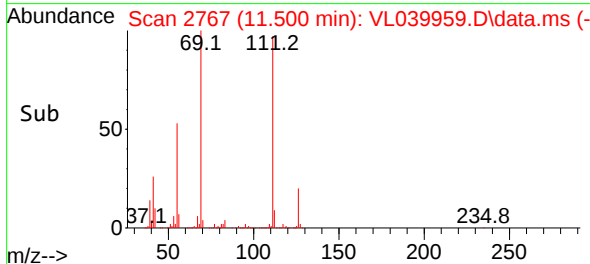
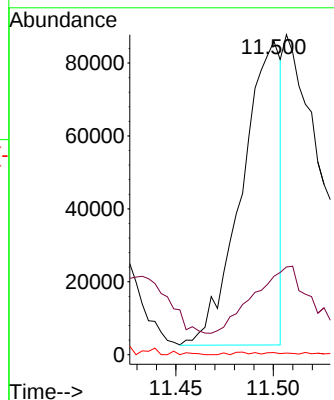
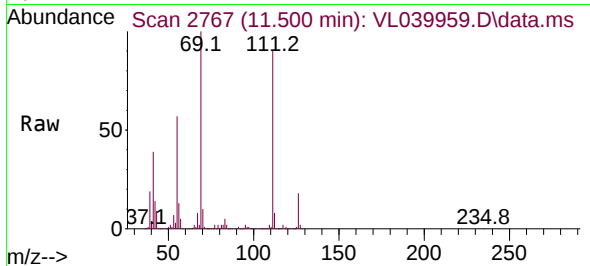




#57
Chlorobenzene
Concen: 0.589 ppbv
RT: 11.500 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

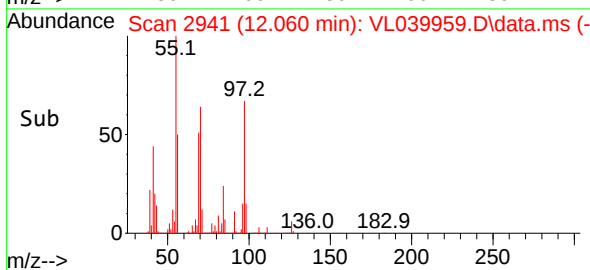
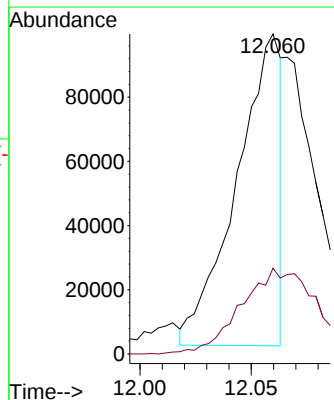
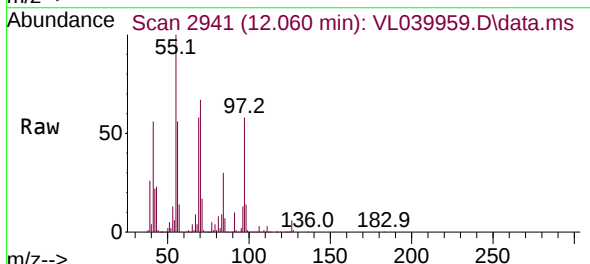
Instrument :
MSVOA_L
ClientSampleId :
SG-1

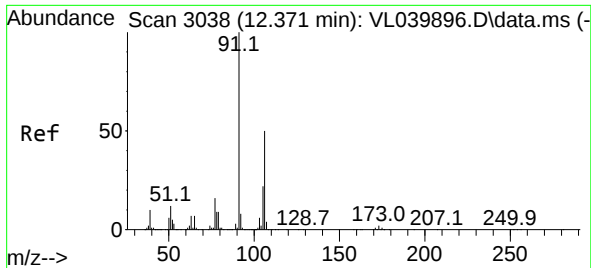
Tgt Ion:112 Resp: 116566
Ion Ratio Lower Upper
112 100
77 11.1 54.6 81.8#
114 0.7 30.1 36.7#



#58
Ethyl Benzene
Concen: 0.384 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.016 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 91 Resp: 134950
Ion Ratio Lower Upper
91 100
106 28.3 26.1 39.1





#59

m/p-Xylene

Concen: 0.431 ppbv

RT: 12.343 min Scan# 3038

Delta R.T. -0.016 min

Lab File: VL039959.D

Acq: 2 Dec 2022 2:07

Instrument :

MSVOA_L

ClientSampleId :

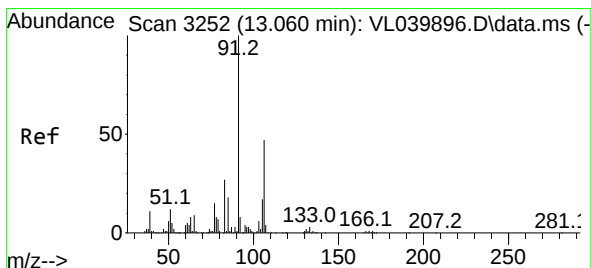
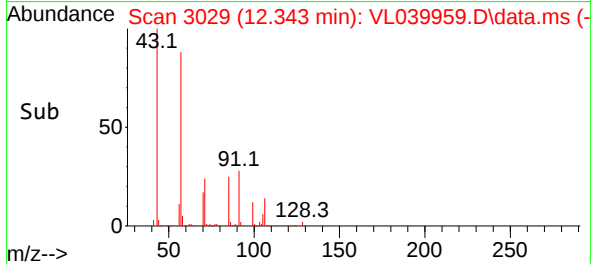
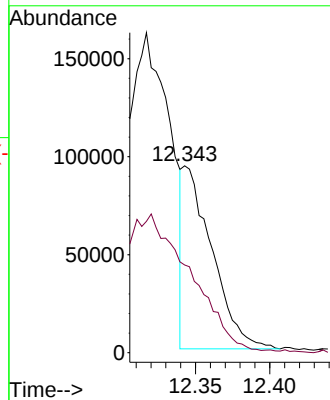
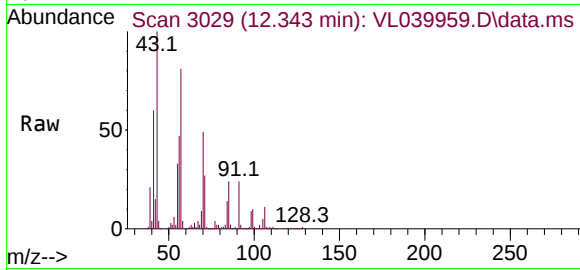
SG-1

Tgt Ion: 91 Resp: 126804

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.6#



#60

o-Xylene

Concen: 0.031 ppbv

RT: 13.127 min Scan# 3273

Delta R.T. 0.080 min

Lab File: VL039959.D

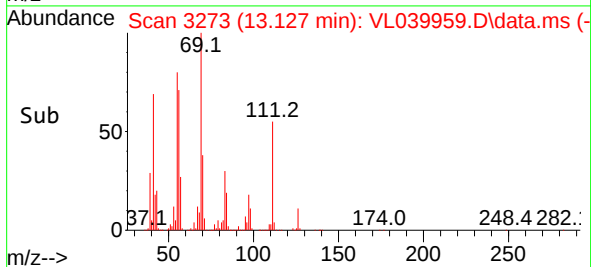
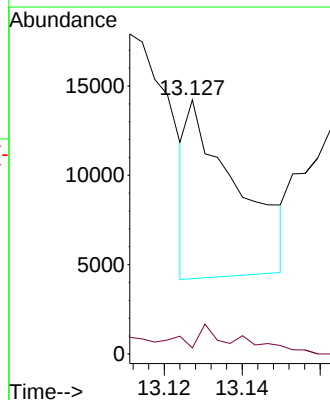
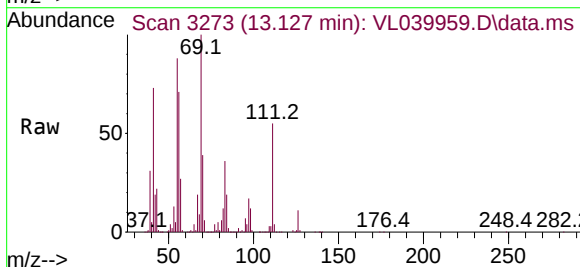
Acq: 2 Dec 2022 2:07

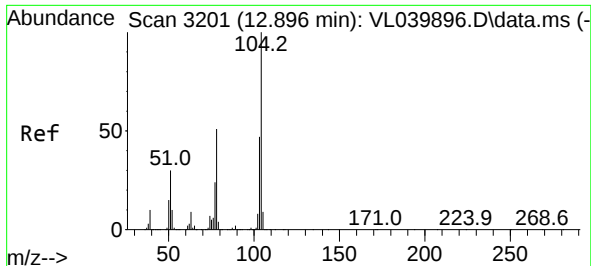
Tgt Ion: 91 Resp: 8769

Ion Ratio Lower Upper

91 100

106 24.7 23.2 69.6

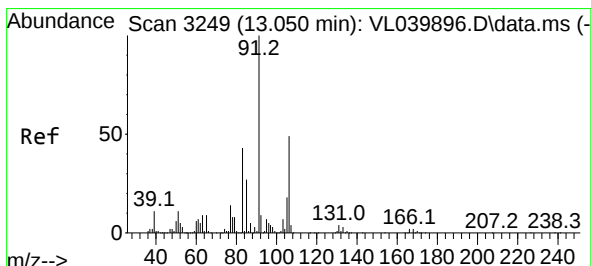
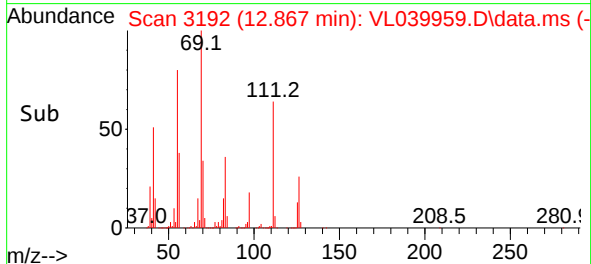
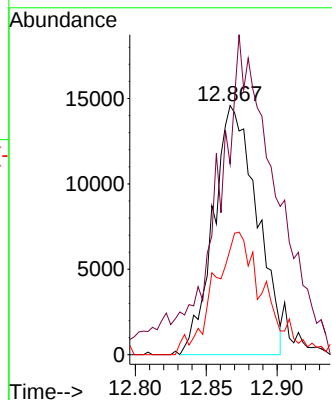
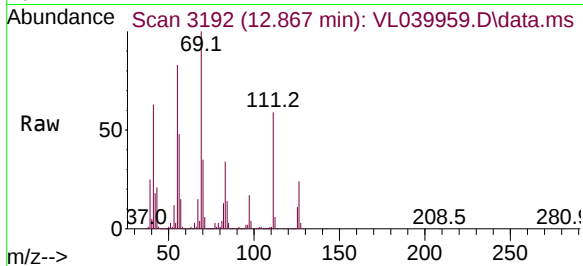




#61
Styrene
Concen: 0.186 ppbv
RT: 12.867 min Scan# 3119
Delta R.T. -0.022 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

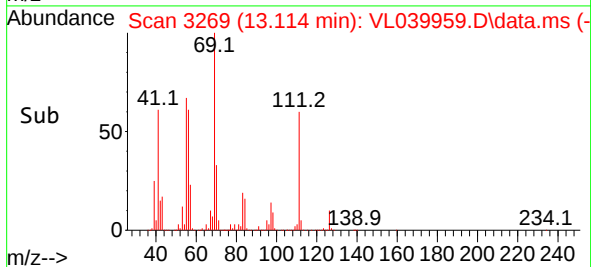
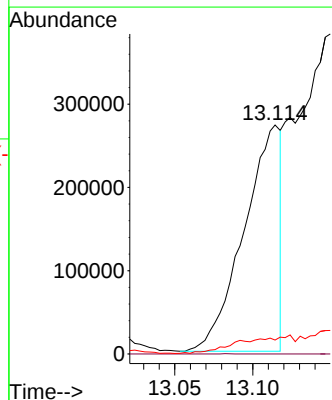
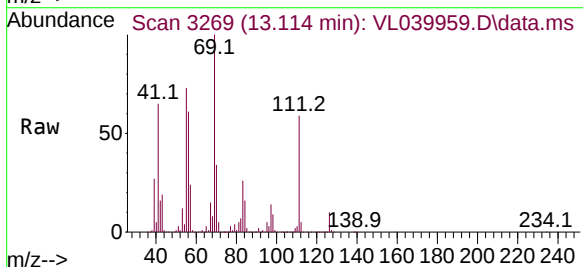
Instrument :
MSVOA_L
ClientSampleId :
SG-1

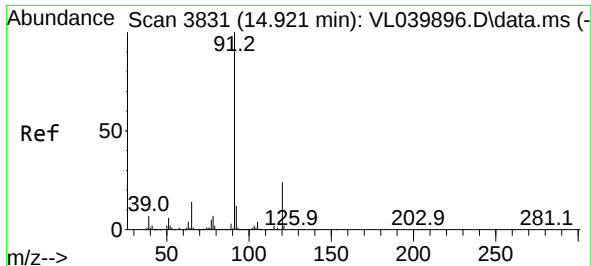
Tgt Ion:104 Resp: 31139
Ion Ratio Lower Upper
104 100
78 159.7 41.8 62.8#
103 57.2 37.2 55.8#



#63
1,1,2,2-Tetrachloroethane
Concen: 4.776 ppbv
RT: 13.114 min Scan# 3269
Delta R.T. 0.080 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 83 Resp: 447255
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.0 99.0#

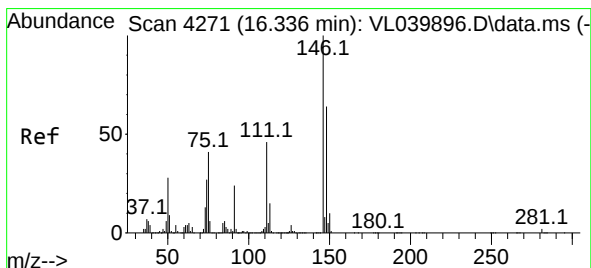
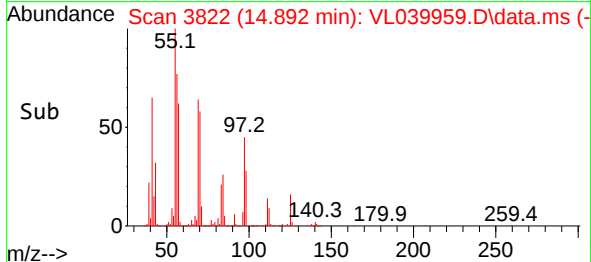
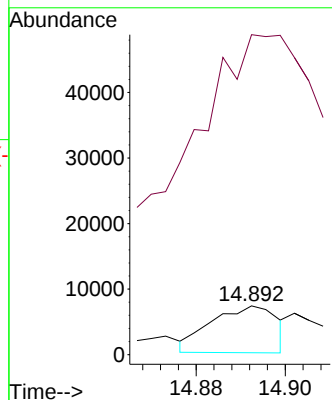
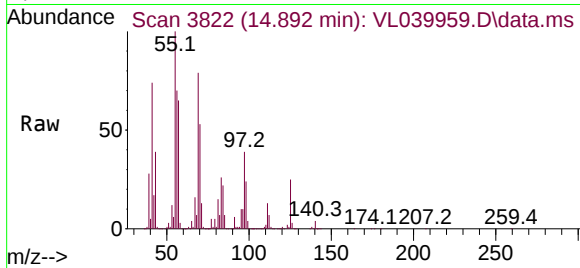




#64
n-propylbenzene
Concen: 0.069 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.013 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

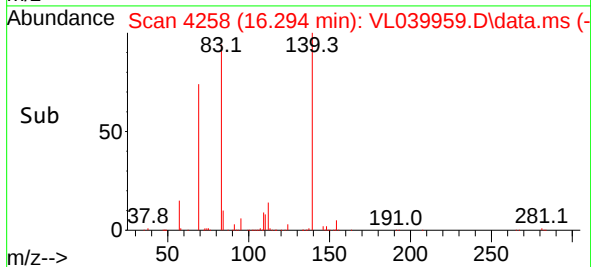
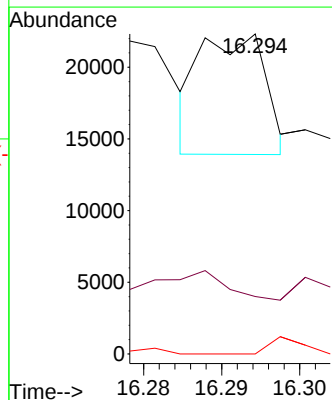
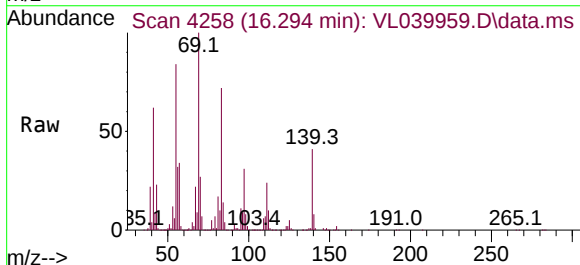
Instrument :
MSVOA_1
ClientSampleId :
SG-1

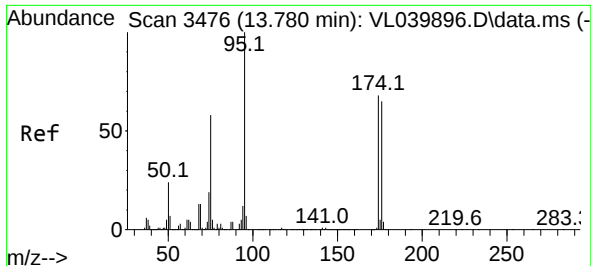
Tgt Ion:120 Resp: 7321
Ion Ratio Lower Upper
120 100
91 2751.7 353.7 530.5#



#66
Benzyl Chloride
Concen: 0.158 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.022 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 91 Resp: 4796
Ion Ratio Lower Upper
91 100
126 268.3 15.0 22.6#
128 9.1 4.6 7.0#

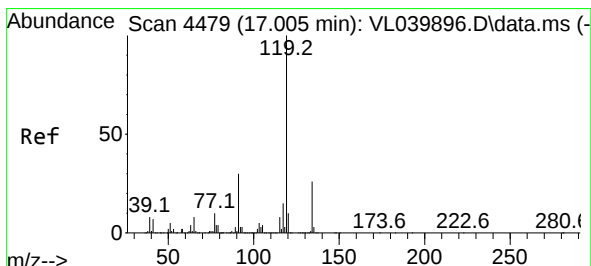
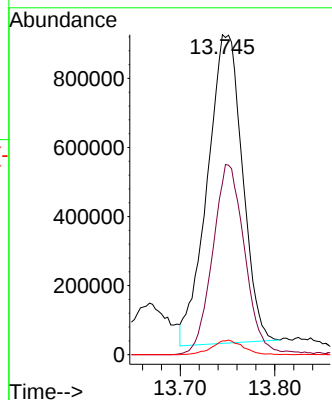
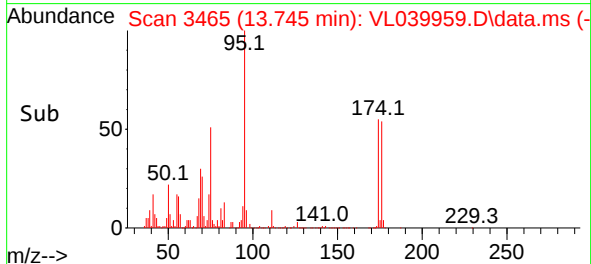
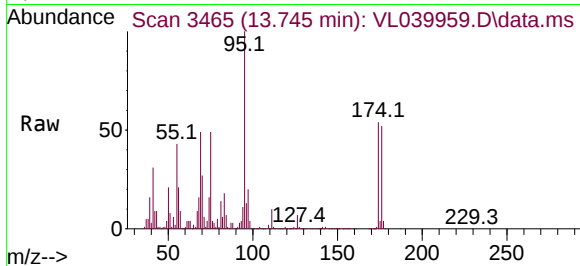




#68
1-Bromo-4-Fluorobenzene
Concen: 11.630 ppbv
RT: 13.745 min Scan# 3476
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

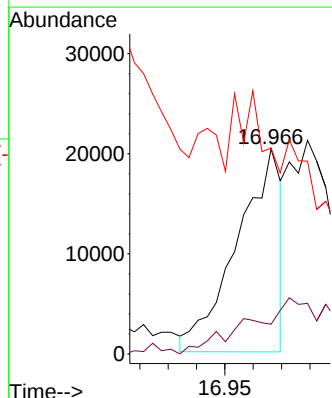
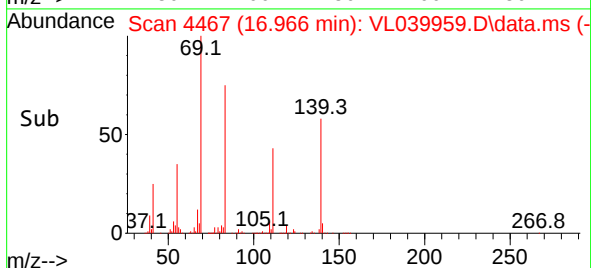
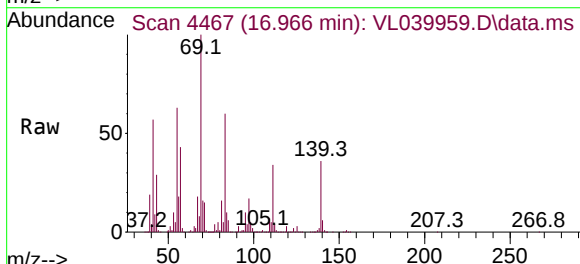
Instrument :
MSVOA_L
ClientSampleId :
SG-1

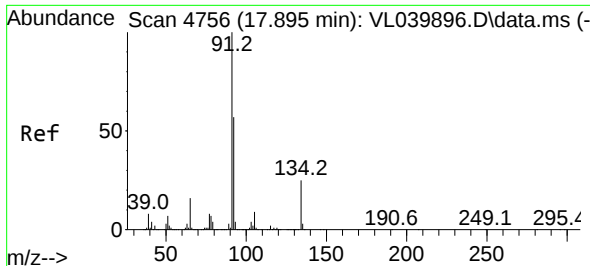
Tgt Ion: 95 Resp: 2300583
Ion Ratio Lower Upper
95 100
174 57.1 53.7 80.5
175 4.2 4.0 6.0



#69
p-Isopropyltoluene
Concen: 0.055 ppbv
RT: 16.966 min Scan# 4467
Delta R.T. -0.019 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion: 119 Resp: 21952
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.4#
91 76.3 24.4 36.6#

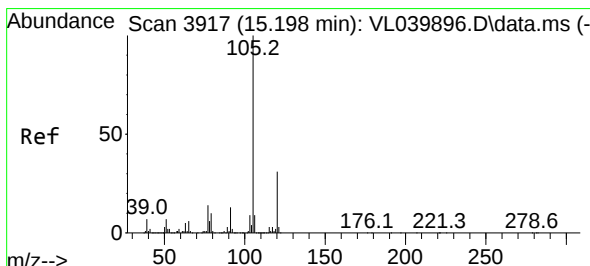
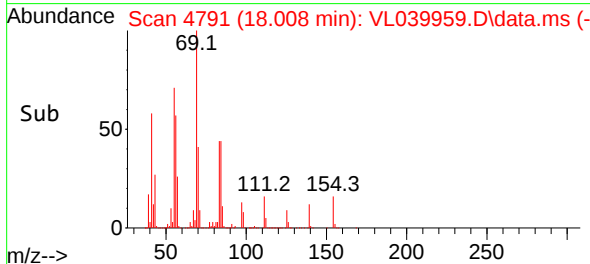
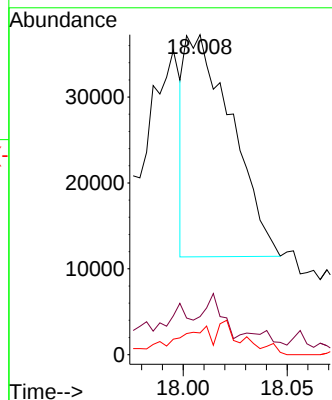
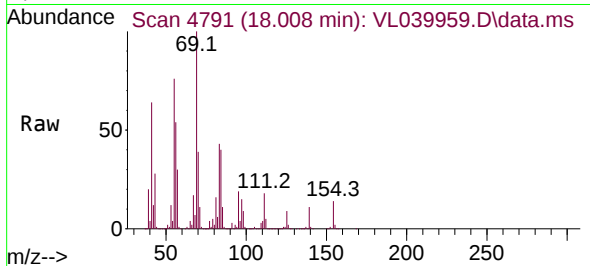




#70
n-Butylbenzene
Concen: 0.102 ppbv
RT: 18.008 min Scan# 41
Delta R.T. 0.132 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

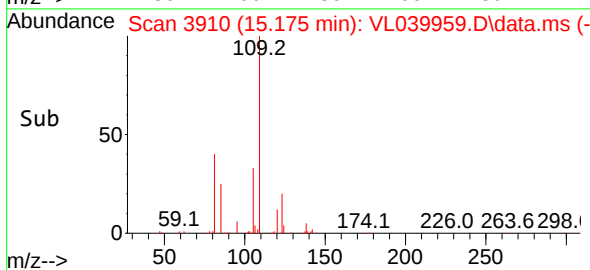
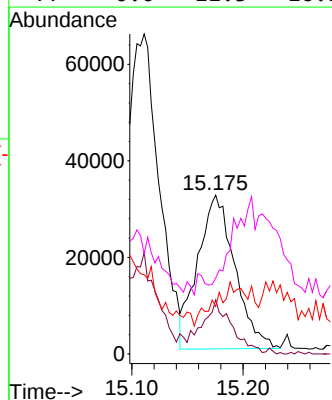
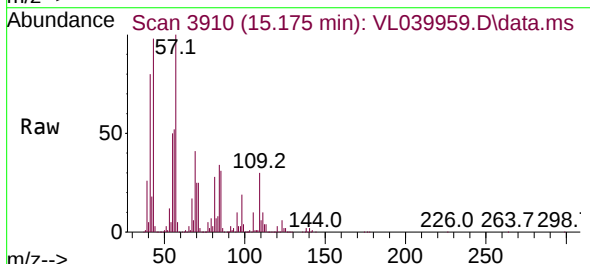
Instrument :
MSVOA_L
ClientSampleId :
SG-1

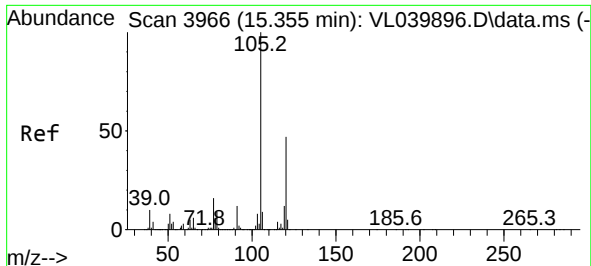
Tgt Ion:	91	Resp:	40536
Ion	Ratio	Lower	Upper
91	100		
92	44.2	44.2	66.2
134	19.6	18.8	28.2



#72
4-Ethyltoluene
Concen: 0.235 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.006 min
Lab File: VL039959.D
Acq: 2 Dec 2022 2:07

Tgt Ion:	105	Resp:	73981
Ion	Ratio	Lower	Upper
105	100		
120	29.6	24.5	36.7
91	34.9	10.4	15.6#
77	0.0	11.3	16.9#

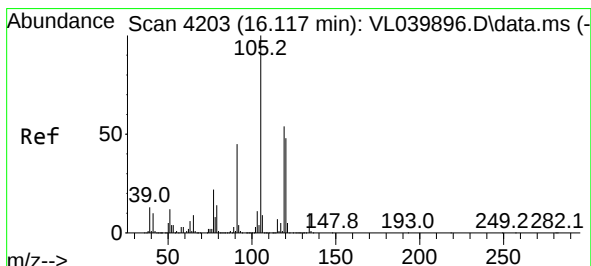
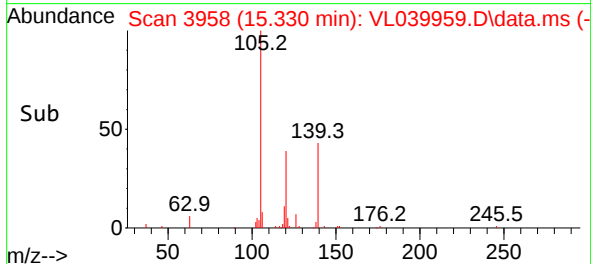
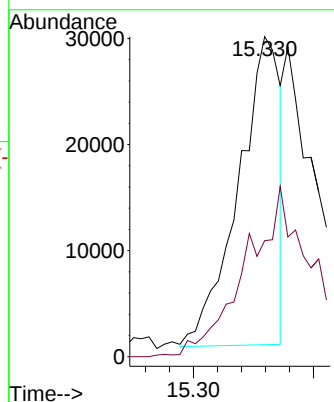
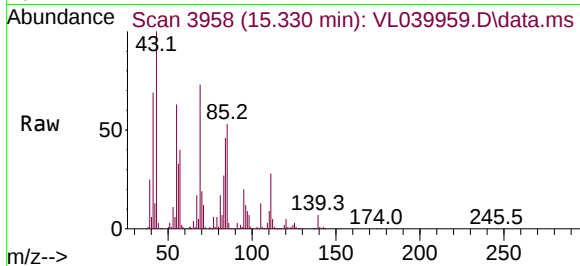




#73
 1,3,5-Trimethylbenzene
 Concen: 0.122 ppbv
 RT: 15.330 min Scan# 3966
 Delta R.T. -0.013 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

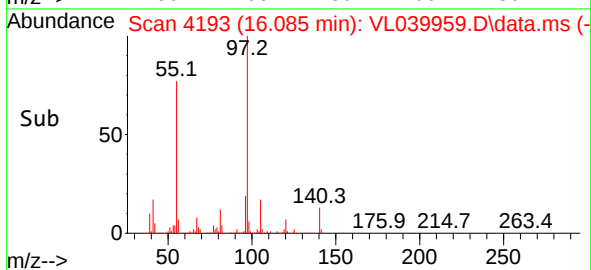
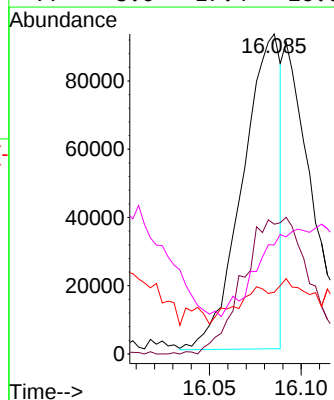
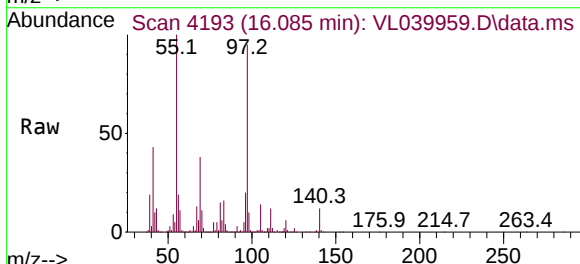
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

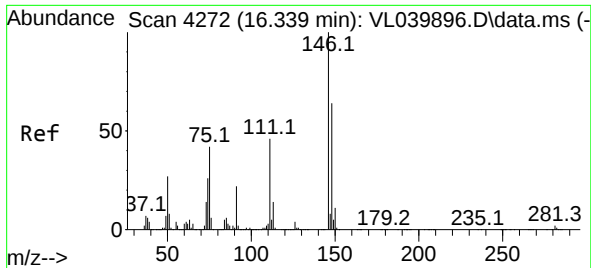
Tgt Ion:105 Resp: 35162
 Ion Ratio Lower Upper
 105 100
 120 37.0 37.9 56.9#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.435 ppbv
 RT: 16.085 min Scan# 4193
 Delta R.T. -0.013 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

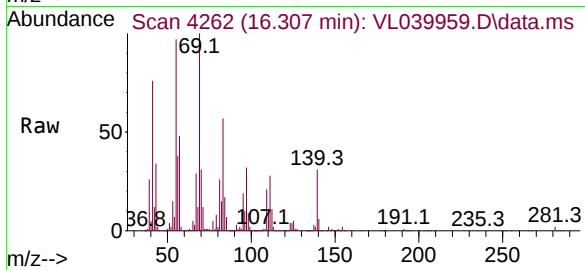
Tgt Ion:105 Resp: 132902
 Ion Ratio Lower Upper
 105 100
 120 41.3 38.7 58.1
 91 10.5 36.4 54.6#
 77 8.0 17.4 26.0#





#75
 1,3-Dichlorobenzene
 Concen: 0.074 ppbv
 RT: 16.307 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL039959.D
 Acq: 2 Dec 2022 2:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1



Tgt Ion:146 Resp: 12741
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.3 69.9#
 148 133.2 32.2 96.6#

