

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039822.D
 Acq On : 3 Nov 2022 12:28
 Operator : SY/AP
 Sample : N5409-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100

Quant Time: Nov 04 08:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	902820	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2622916	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2424169	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.757	95	1877819	10.349	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.742	85	5549	0.036	ppbv #	79
3) Chlorodifluoromethane	2.684	51	8478	0.079	ppbv	97
4) Chloromethane	2.825	50	1250708	18.663	ppbv	97
6) Bromomethane	3.124	94	1349	0.070	ppbv	98
7) Chloroethane	3.205	64	1051	0.052	ppbv #	87
8) Dichlorotetrafluoroethane	2.864	85	5604	0.043	ppbv	97
9) Propene	2.706	41	2271848	40.512	ppbv	100
10) Heptane	7.568	43	5702016	42.444	ppbv	99
11) Trichlorofluoromethane	3.568	101	6277	0.050	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.066	101	2961	0.033	ppbv #	52
13) Ethanol	3.259	45	5996	1.513	ppbv #	34
15) Acetone	3.481	43	46516	0.423	ppbv	89
16) 1,3-Butadiene	2.706	39	1830553	35.819	ppbv #	5
18) 1,1-Dichloroethene	3.883	96	1776	0.043	ppbv #	5
20) Methylene Chloride	3.935	84	109723	2.791	ppbv	95
21) Allyl Chloride	3.996	41	3169	0.046	ppbv #	56
23) Vinyl Acetate	4.619	43	4464	0.102	ppbv #	95
25) Ethyl Acetate	5.205	43	57117	0.252	ppbv #	83
26) Hexane	5.208	57	72168	0.715	ppbv #	44
27) Carbon Disulfide	4.121	76	4770	0.045	ppbv #	73
29) Chloroform	5.272	83	10645	0.075	ppbv #	74
30) Cyclohexane	6.590	84	1998021	23.674	ppbv	94
32) 1,1,1-Trichloroethane	5.992	97	4356	0.031	ppbv #	49
34) 2-Butanone	4.812	43	9736	0.090	ppbv #	83
36) Benzene	6.359	78	8478757	38.322	ppbv #	91
39) 1,2-Dichloropropane	7.060	63	2490735	28.893	ppbv	96
43) Methyl Methacrylate	7.471	69	3074	0.035	ppbv #	1
44) 2,2,4-Trimethylpentane	7.568	57	2924201	7.830	ppbv #	1
46) cis-1,3-Dichloropropene	8.121	75	4147	0.036	ppbv #	67
49) Bromoform	12.388	173	3695993	30.915	ppbv	98
53) Toluene	9.198	91	12153	0.048	ppbv #	24
57) Chlorobenzene	11.507	112	3768334	20.494	ppbv	95
58) Ethyl Benzene	12.359	91	7282775	22.219	ppbv #	67
59) m/p-Xylene	12.359	91	7282775	26.618	ppbv	98
60) o-Xylene	13.040	91	8030242	30.979	ppbv	96
61) Styrene	12.873	104	4825	0.030	ppbv #	28
62) Isopropylbenzene	14.011	105	44646	0.118	ppbv	98
67) sec-Butylbenzene	16.622	105	14445	0.032	ppbv #	73
72) 4-Ethyltoluene	15.172	105	12375	0.042	ppbv #	66
73) 1,3,5-Trimethylbenzene	15.330	105	24050	0.093	ppbv #	82
75) 1,3-Dichlorobenzene	16.310	146	5082	0.032	ppbv #	23
76) 1,4-Dichlorobenzene	16.445	146	14263	0.091	ppbv #	23
79) Naphthalene	21.362	128	8253	0.041	ppbv #	88

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

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

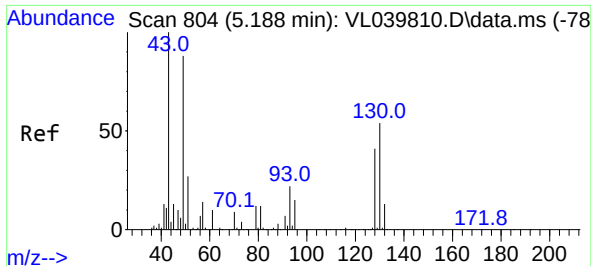
Quant Time: Nov 04 08:43:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	24.374	142	6591	0.078	ppbv	# 49

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

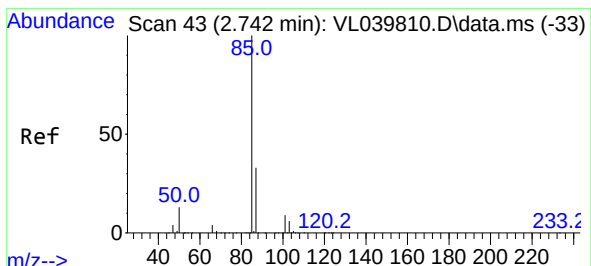
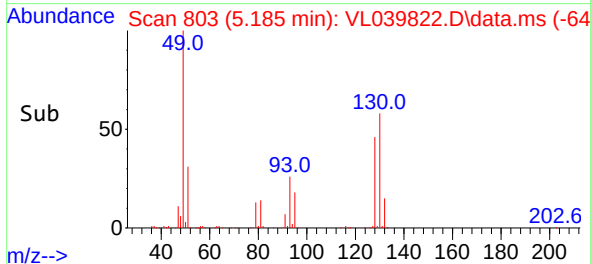
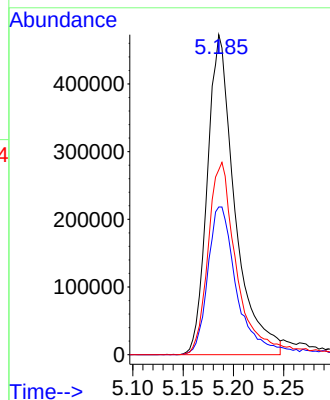
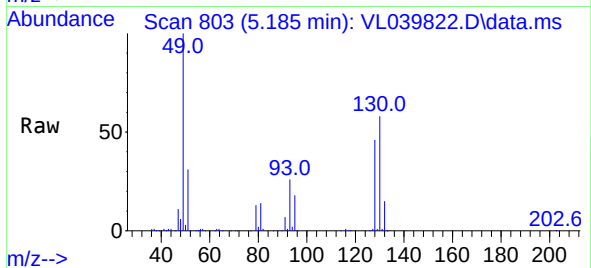




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

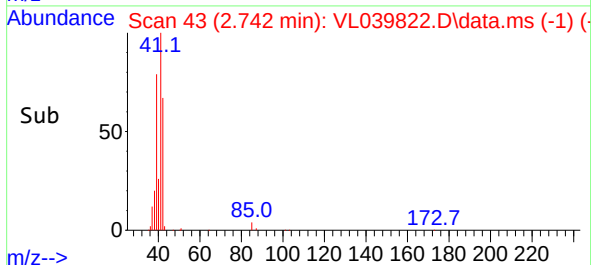
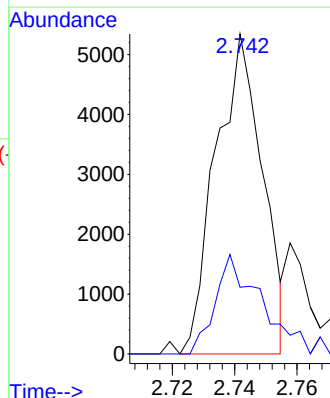
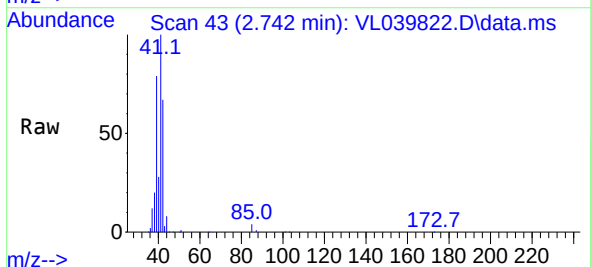
Instrument :
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ClientSampleId :
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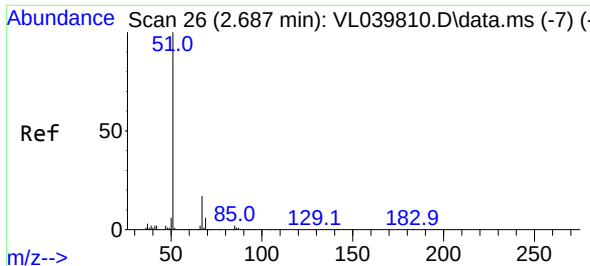
Tgt Ion: 49 Resp: 902820
Ion Ratio Lower Upper
49 100
128 50.9 24.6 73.6
130 64.6 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 85 Resp: 5549
Ion Ratio Lower Upper
85 100
87 20.9 26.4 39.6#

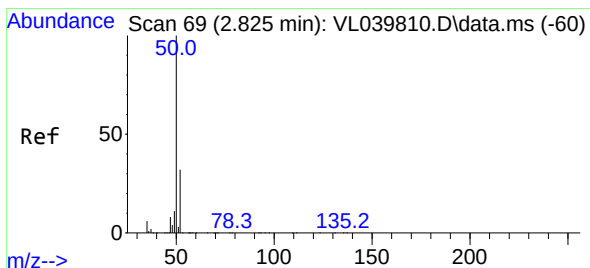
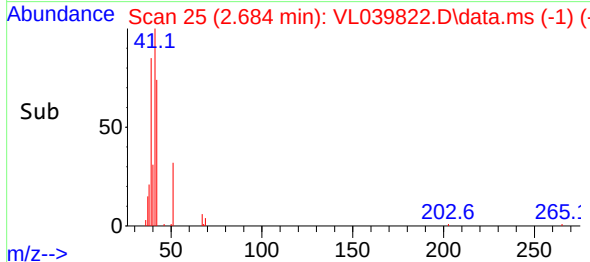
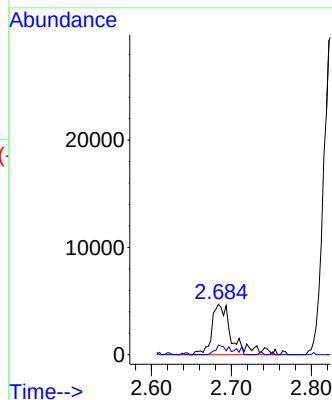
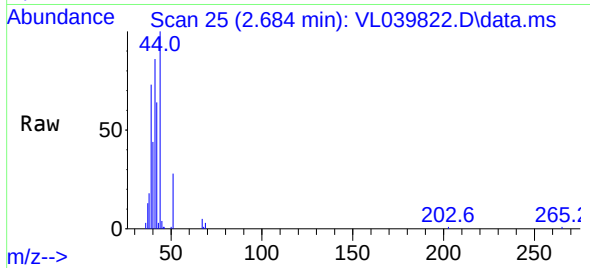




#3
Chlorodifluoromethane
Concen: 0.079 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

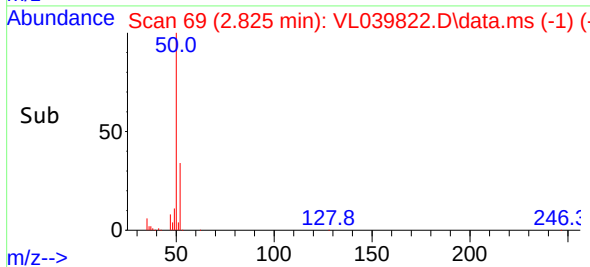
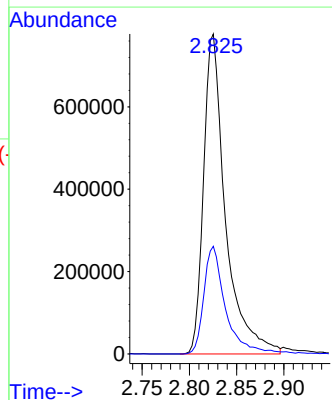
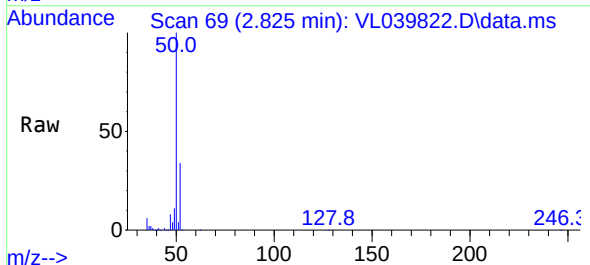
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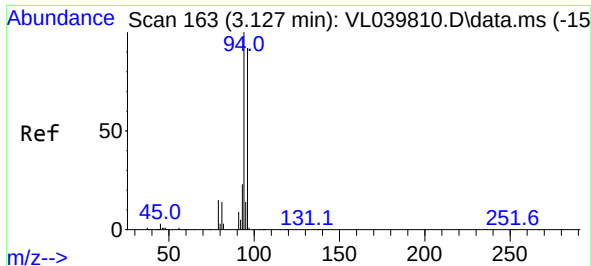
Tgt Ion: 51 Resp: 8478
Ion Ratio Lower Upper
51 100
67 15.1 13.2 19.8



#4
Chloromethane
Concen: 18.663 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 50 Resp: 1250708
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

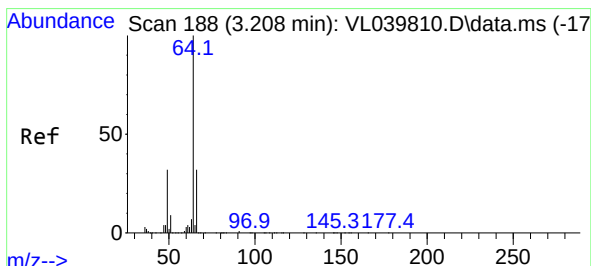
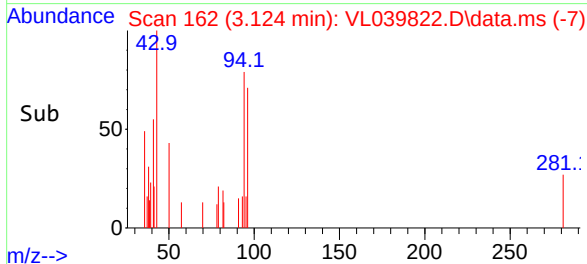
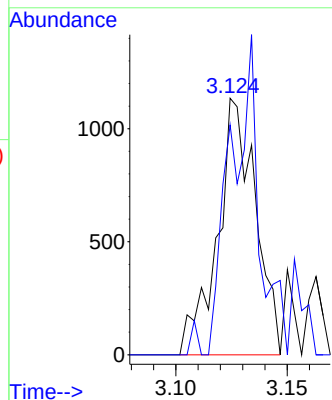
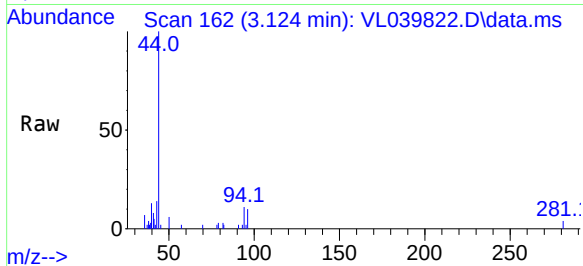




#6
Bromomethane
Concen: 0.070 ppbv
RT: 3.124 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

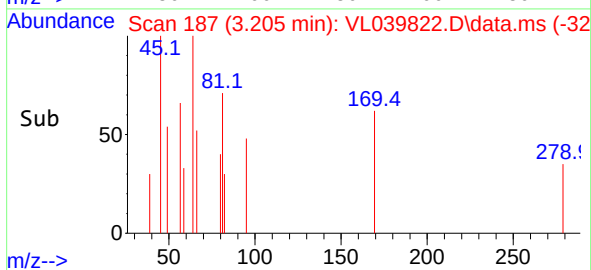
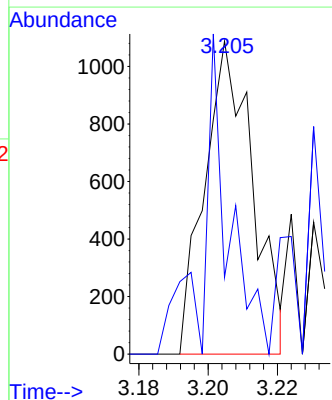
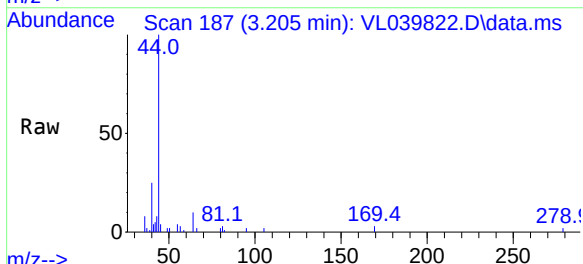
Instrument :
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ClientSampleId :
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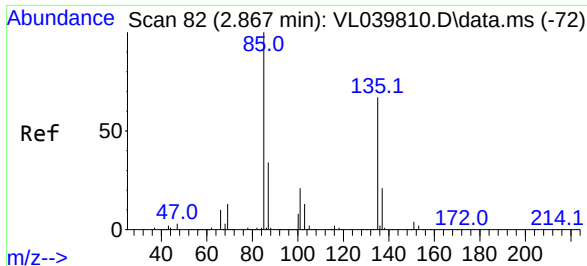
Tgt Ion: 94 Resp: 1349
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3



#7
Chloroethane
Concen: 0.052 ppbv
RT: 3.205 min Scan# 187
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 64 Resp: 1051
Ion Ratio Lower Upper
64 100
66 24.5 25.5 38.3#

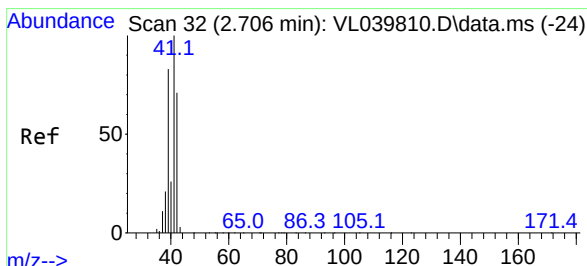
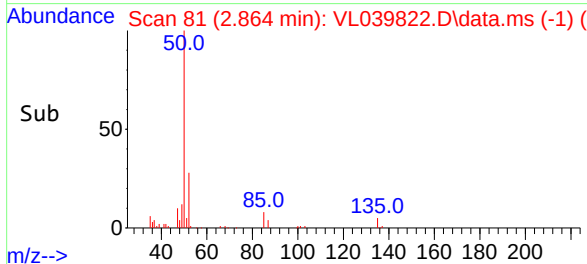
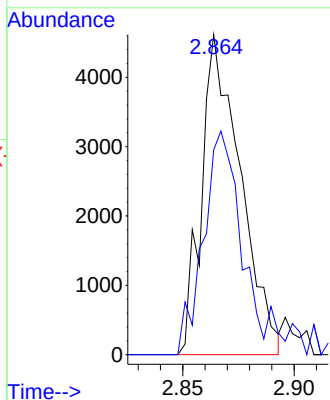
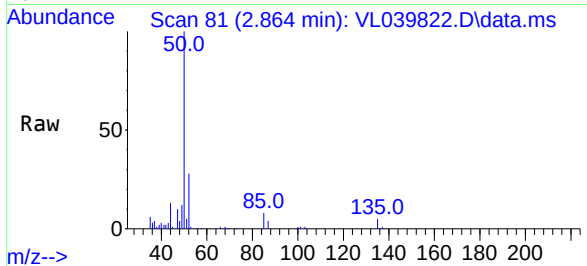




#8
Dichlorotetrafluoroethane
Concen: 0.043 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

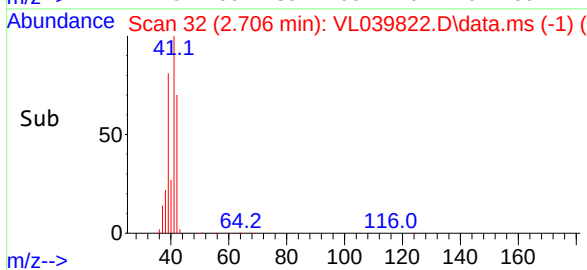
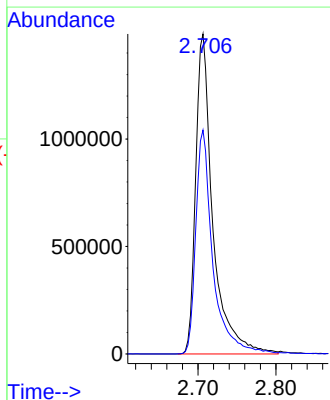
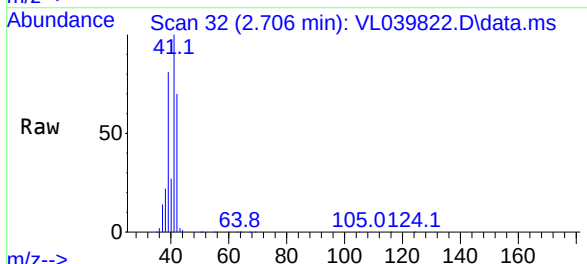
Instrument :
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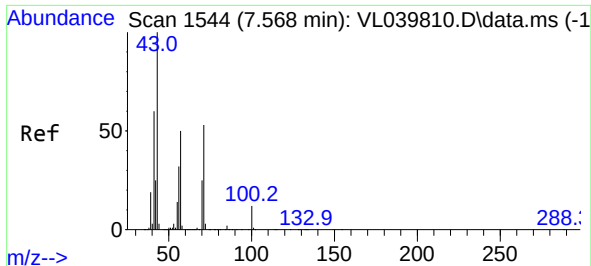
Tgt Ion: 85 Resp: 5604
Ion Ratio Lower Upper
85 100
135 73.1 56.7 85.1



#9
Propene
Concen: 40.512 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 41 Resp: 2271848
Ion Ratio Lower Upper
41 100
42 70.3 56.3 84.5

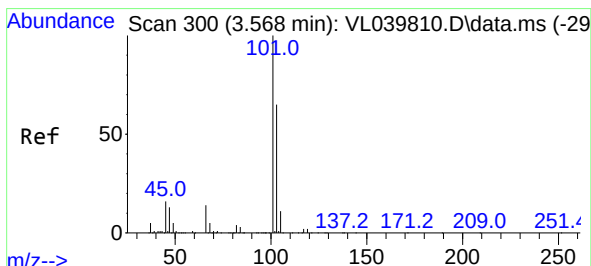
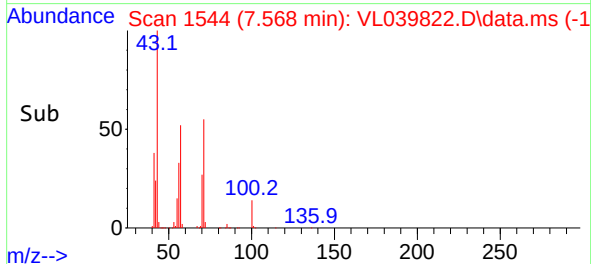
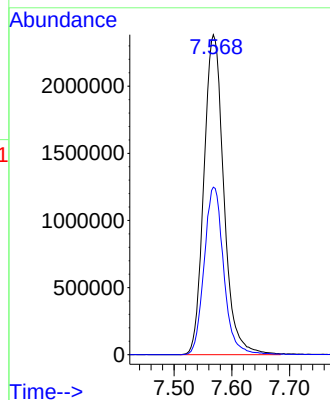
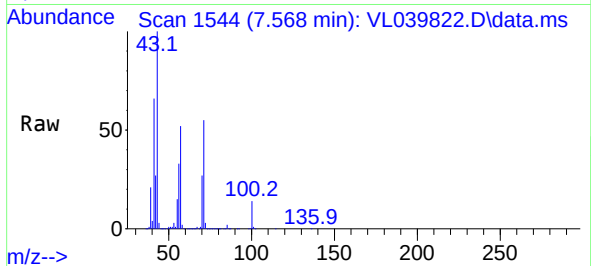




#10
Heptane
Concen: 42.444 ppbv
RT: 7.568 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

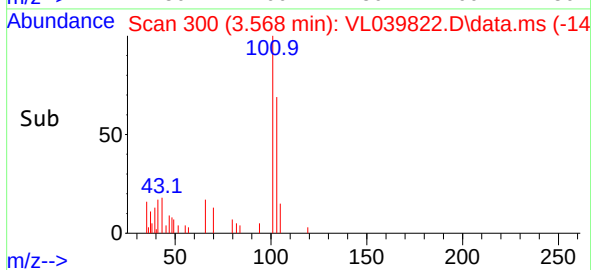
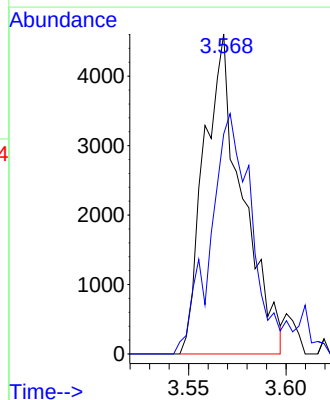
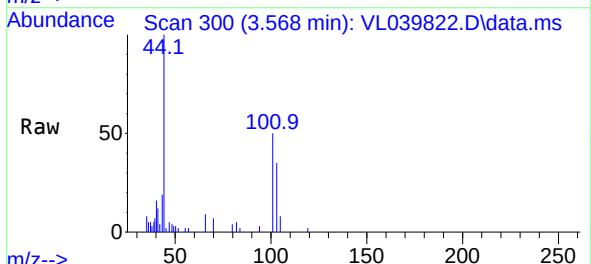
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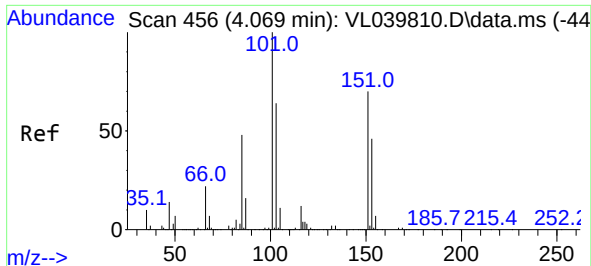
Tgt Ion: 43 Resp: 5702016
Ion Ratio Lower Upper
43 100
57 51.6 40.5 60.7



#11
Trichlorofluoromethane
Concen: 0.050 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:101 Resp: 6277
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

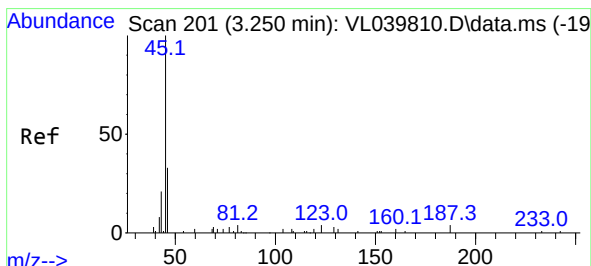
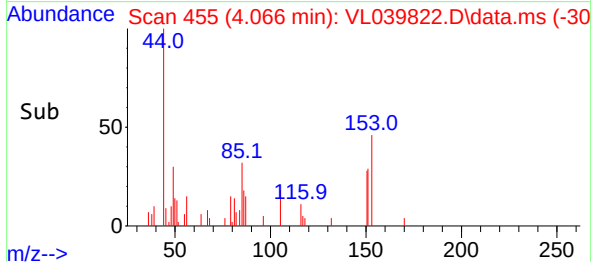
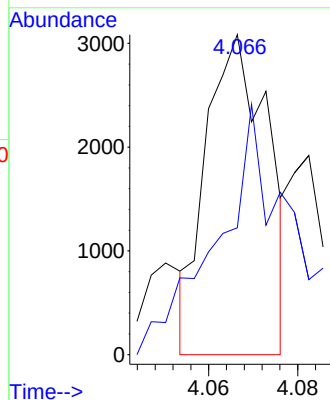
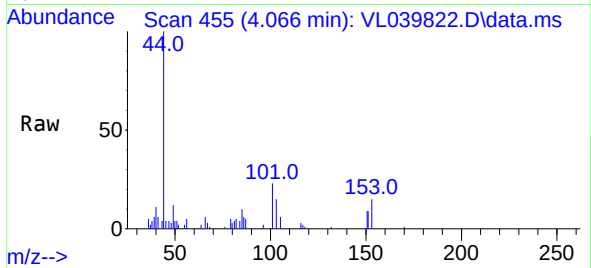




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.033 ppbv
RT: 4.066 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

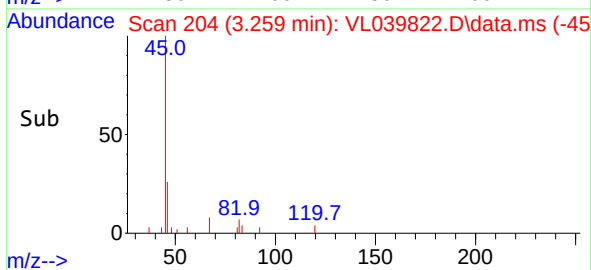
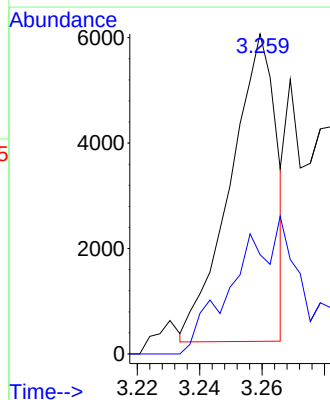
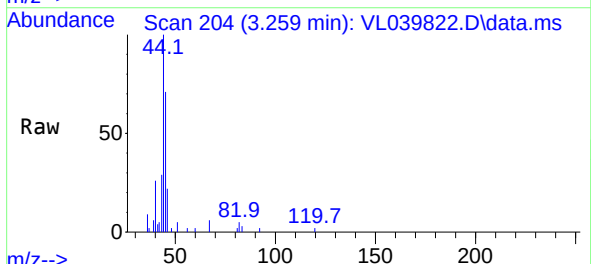
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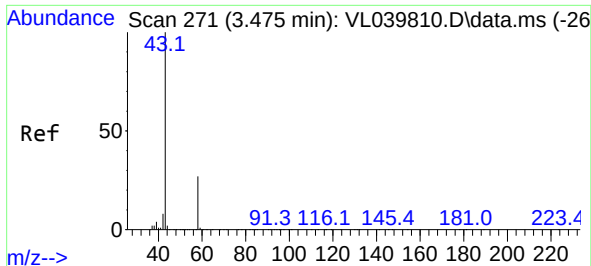
Tgt Ion:101 Resp: 2961
Ion Ratio Lower Upper
101 100
151 111.5 57.2 85.8#



#13
Ethanol
Concen: 1.513 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.010 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 45 Resp: 5996
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#

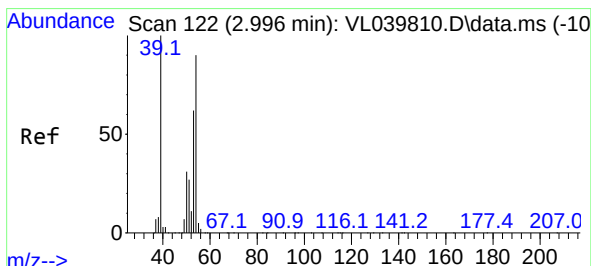
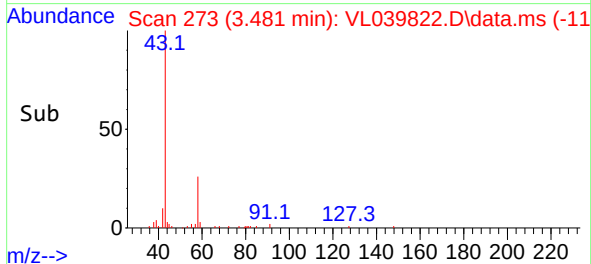
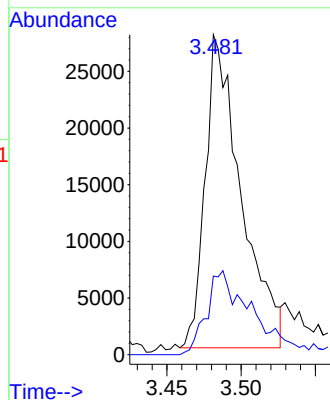
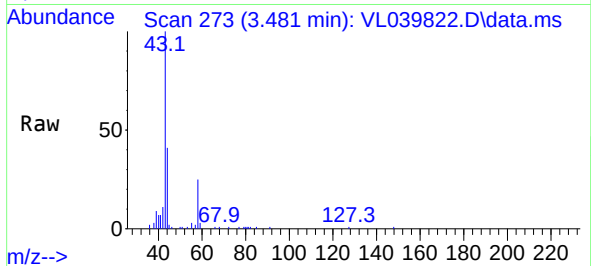




#15
Acetone
Concen: 0.423 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

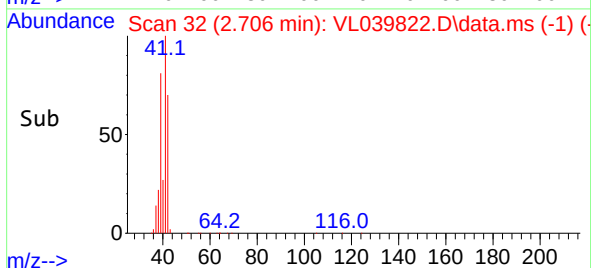
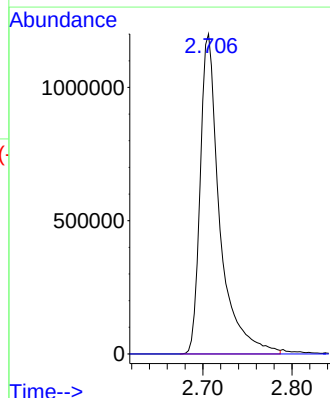
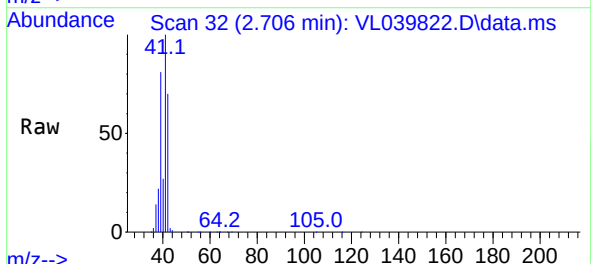
Instrument :
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ClientSampleId :
E062-1100

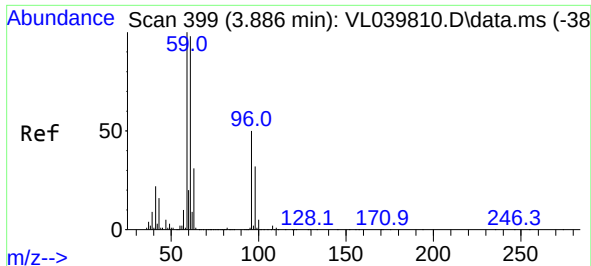
Tgt Ion: 43 Resp: 46516
Ion Ratio Lower Upper
43 100
58 34.8 23.2 34.8



#16
1,3-Butadiene
Concen: 35.819 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.289 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 39 Resp: 1830553
Ion Ratio Lower Upper
39 100
54 0.0 71.0 106.4#





#18

1,1-Dichloroethene

Concen: 0.043 ppbv

RT: 3.883 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

E062-1100

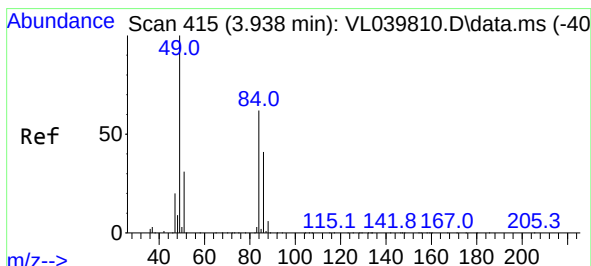
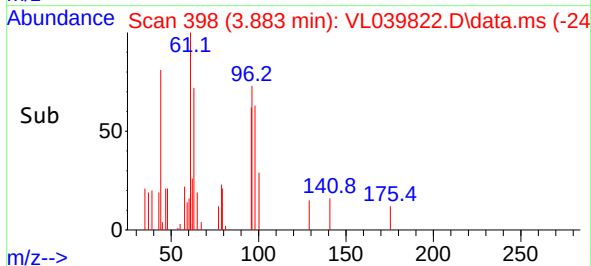
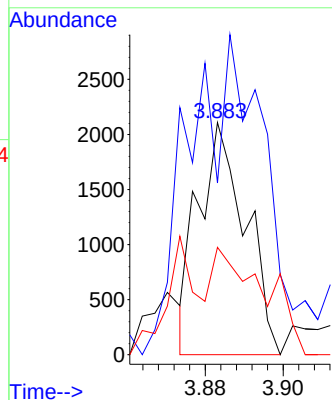
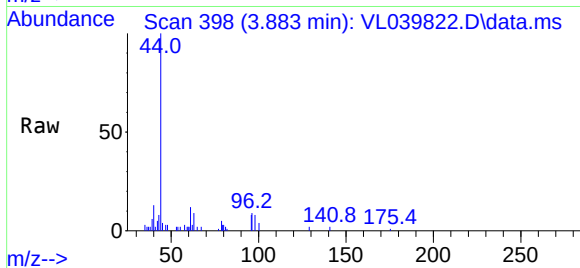
Tgt Ion: 96 Resp: 1776

Ion Ratio Lower Upper

96 100

61 39.4 156.9 235.3#

98 11.4 50.6 75.8#



#20

Methylene Chloride

Concen: 2.791 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Tgt Ion: 84 Resp: 109723

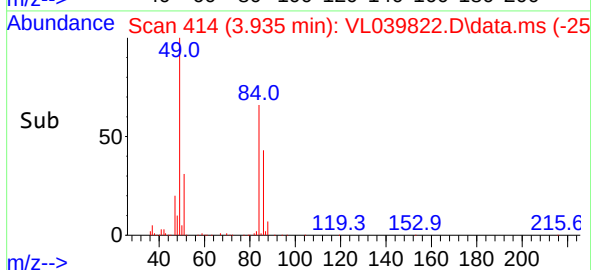
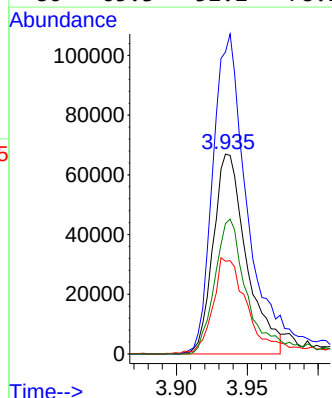
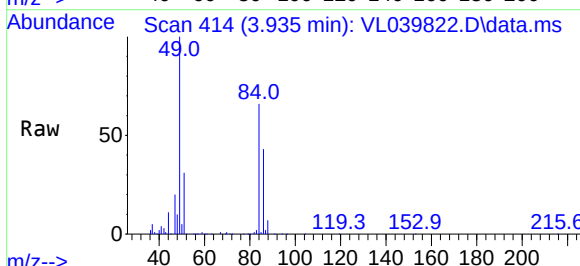
Ion Ratio Lower Upper

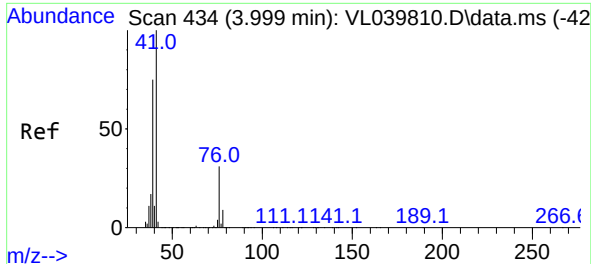
84 100

49 151.1 128.6 192.8

51 46.0 40.2 60.4

86 65.3 52.2 78.2





#21

Allyl Chloride

Concen: 0.046 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

E062-1100

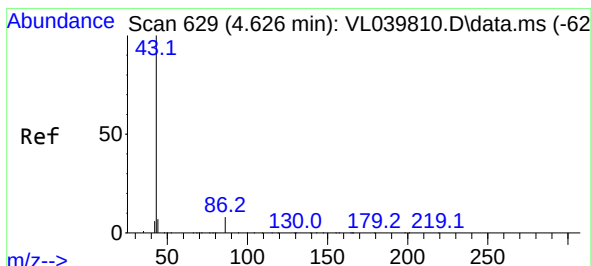
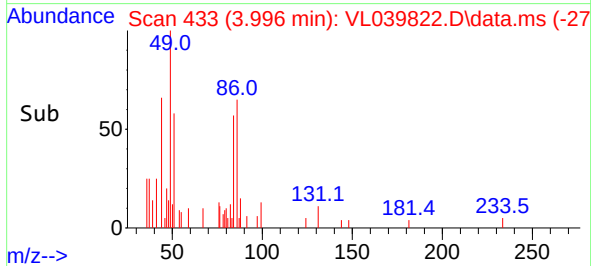
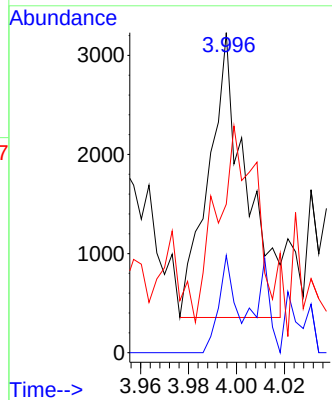
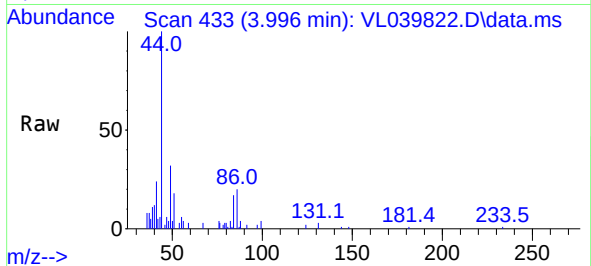
Tgt Ion: 41 Resp: 3169

Ion Ratio Lower Upper

41 100

76 37.0 24.1 36.1#

39 129.5 64.3 96.5#



#23

Vinyl Acetate

Concen: 0.102 ppbv

RT: 4.619 min Scan# 627

Delta R.T. -0.006 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Tgt Ion: 43 Resp: 4464

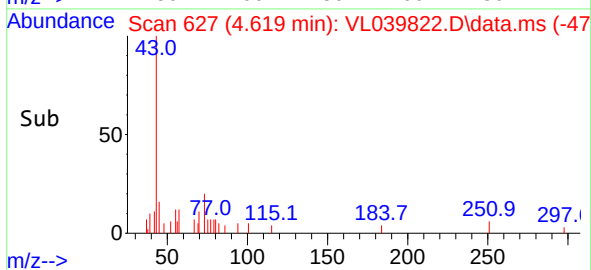
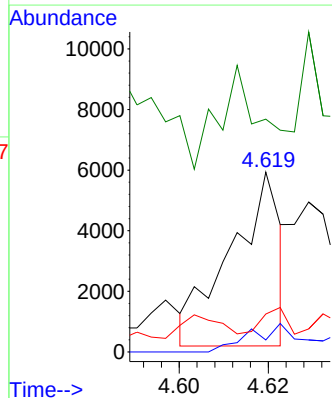
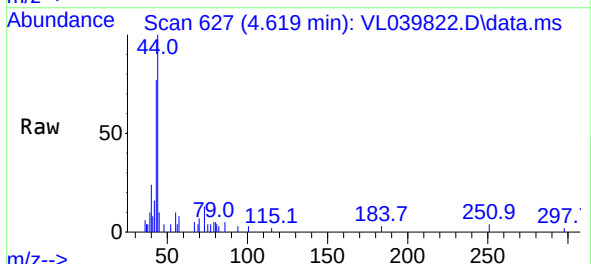
Ion Ratio Lower Upper

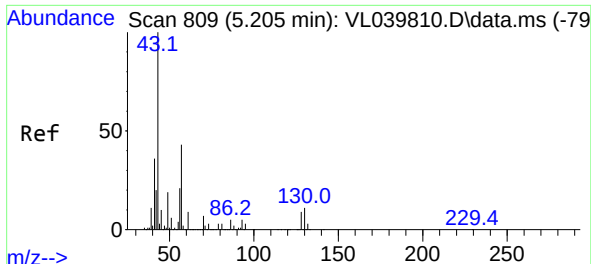
43 100

86 8.5 5.0 7.4#

42 8.0 6.8 10.2

44 7.8 4.0 6.0#

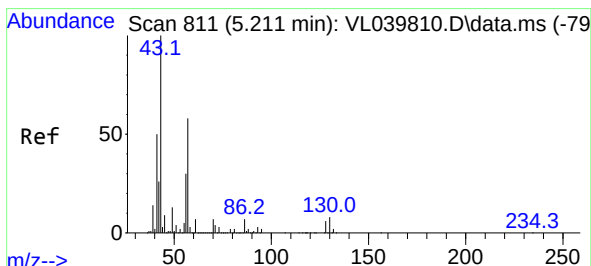
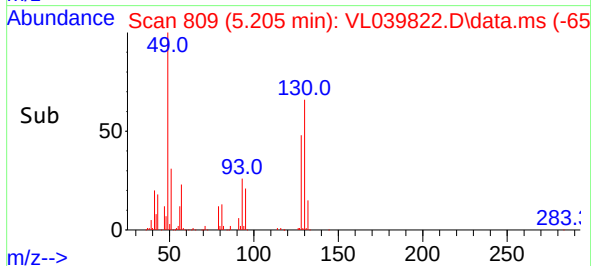
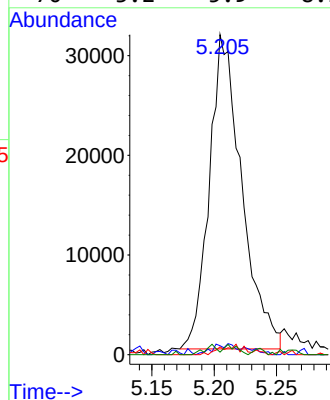
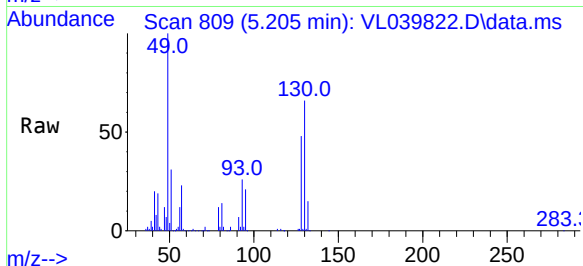




#25
Ethyl Acetate
Concen: 0.252 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

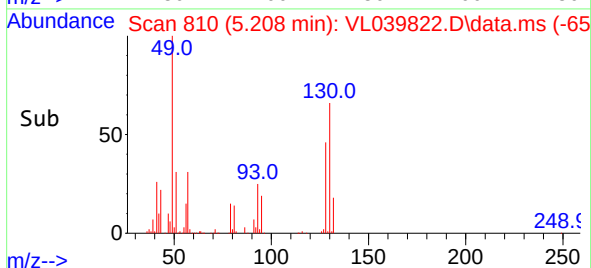
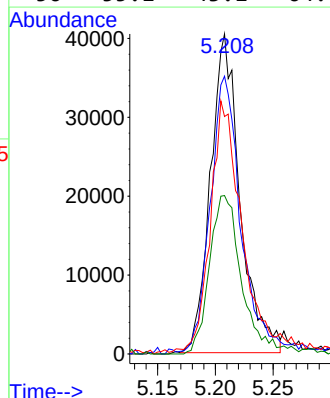
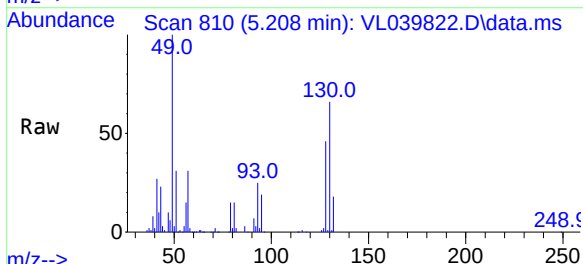
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

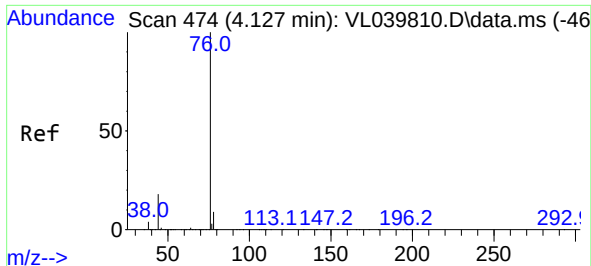
Tgt Ion:	43	Resp:	57117
Ion	Ratio	Lower	Upper
43	100		
45	3.4	8.2	12.2#
61	2.5	8.1	12.1#
70	3.2	5.9	8.9#



#26
Hexane
Concen: 0.715 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:	57	Resp:	72168
Ion	Ratio	Lower	Upper
57	100		
41	94.3	73.7	110.5
43	85.6	189.8	284.8#
56	55.1	43.1	64.7

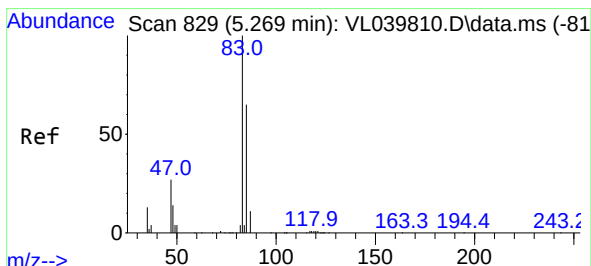
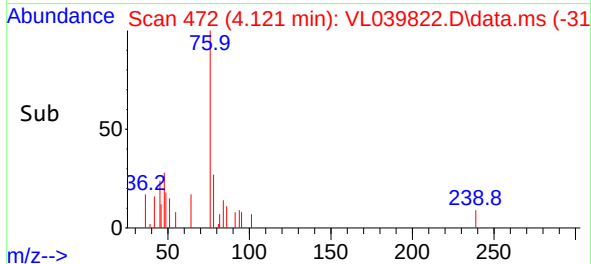
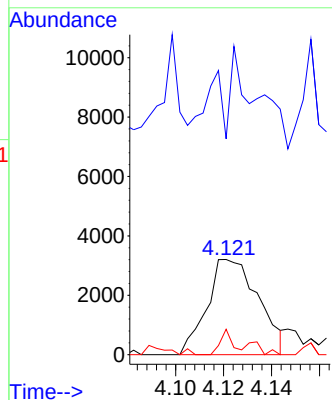
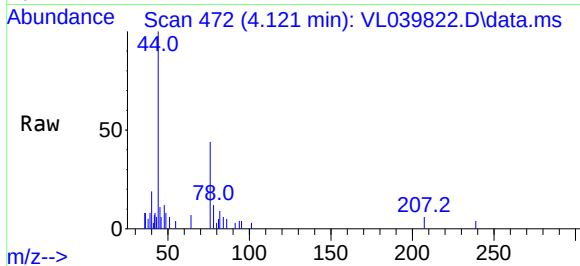




#27
Carbon Disulfide
Concen: 0.045 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

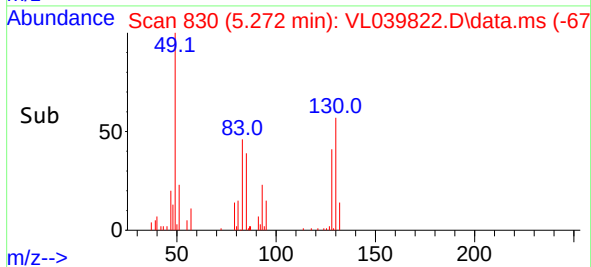
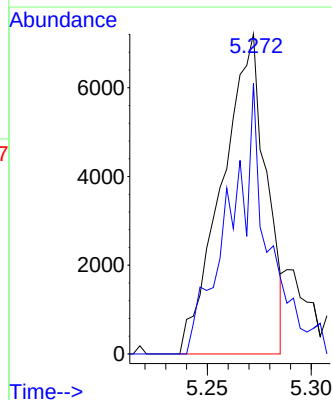
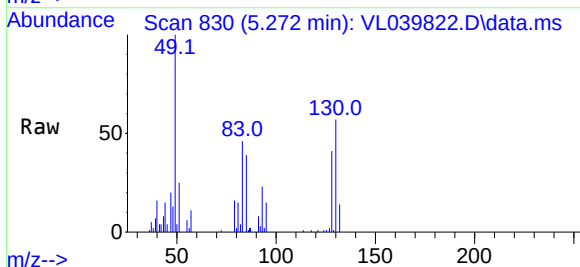
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

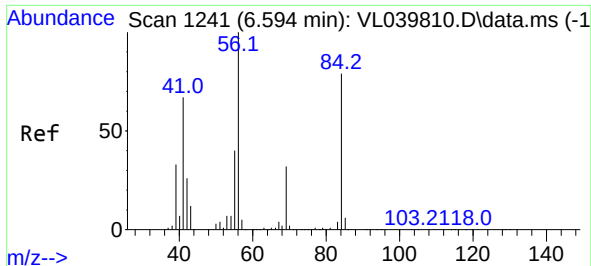
Tgt Ion: 76 Resp: 4770
Ion Ratio Lower Upper
76 100
44 0.0 14.6 22.0#
78 9.7 7.6 11.4



#29
Chloroform
Concen: 0.075 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 83 Resp: 10645
Ion Ratio Lower Upper
83 100
85 84.6 51.6 77.4#



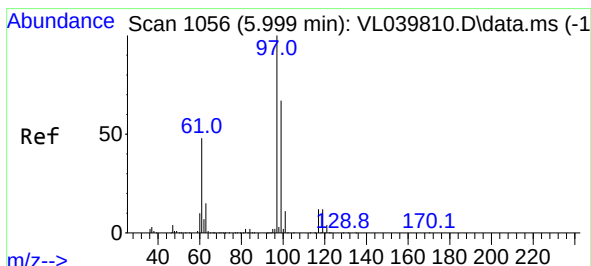
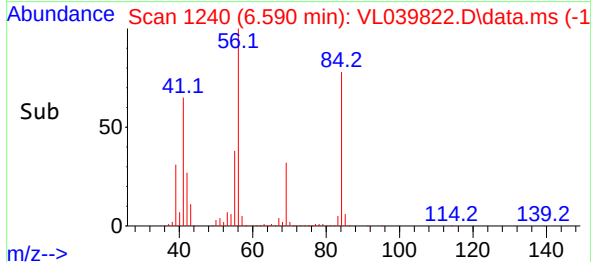
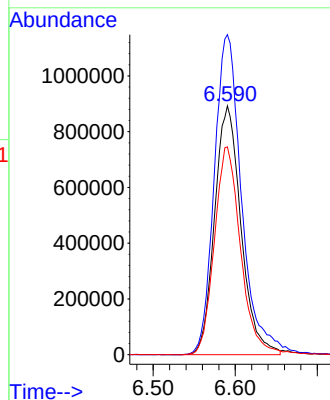
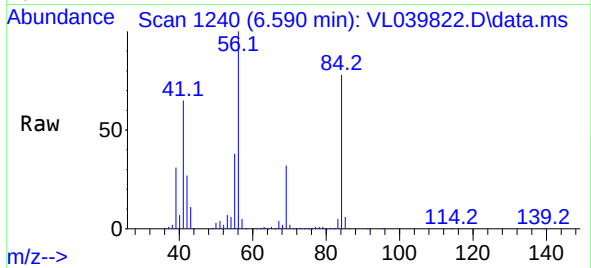


#30
Cyclohexane
Concen: 23.674 ppbv
RT: 6.590 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Tgt Ion: 84 Resp: 1998021

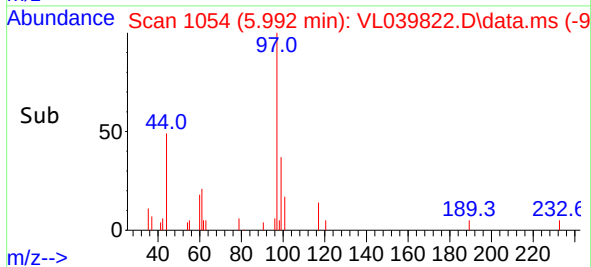
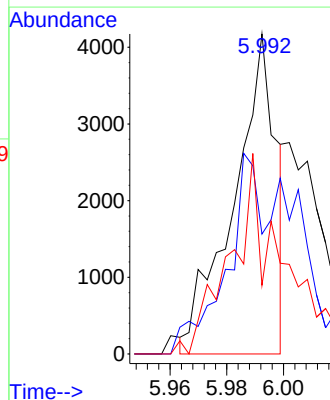
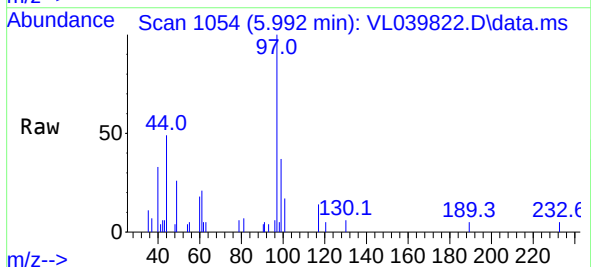
Ion	Ratio	Lower	Upper
84	100		
56	134.2	114.8	172.2
41	83.5	68.6	103.0

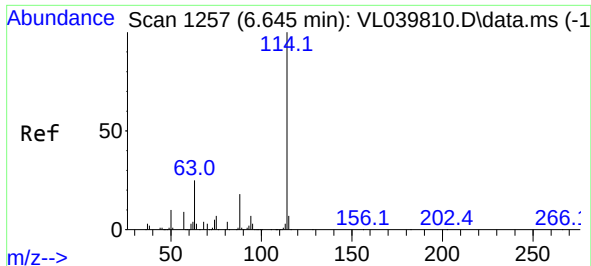


#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 97 Resp: 4356

Ion	Ratio	Lower	Upper
97	100		
99	110.0	52.7	79.1#
61	79.6	38.9	58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

E062-1100

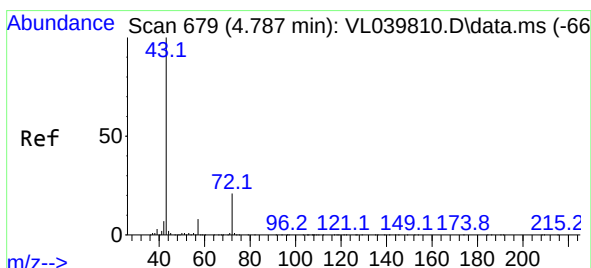
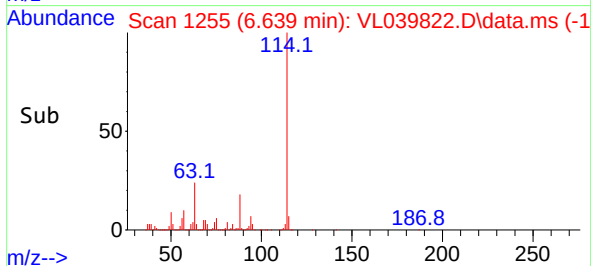
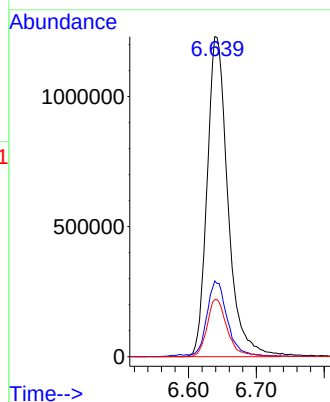
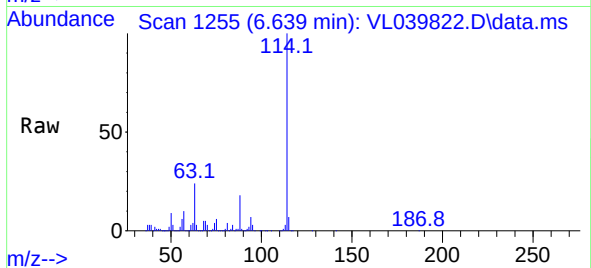
Tgt Ion:114 Resp: 2622916

Ion Ratio Lower Upper

114 100

63 24.1 19.8 29.6

88 17.5 14.4 21.6



#34

2-Butanone

Concen: 0.090 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.026 min

Lab File: VL039822.D

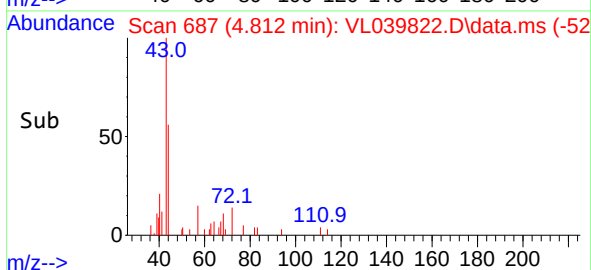
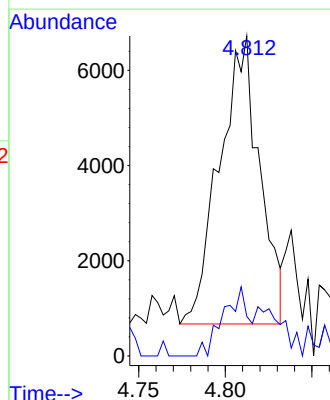
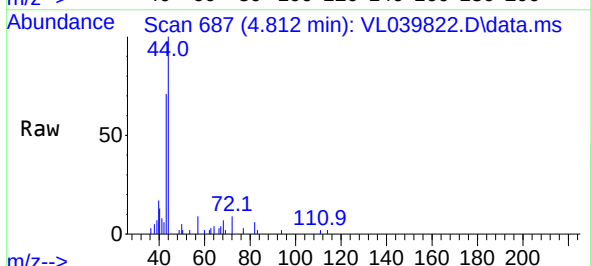
Acq: 3 Nov 2022 12:28

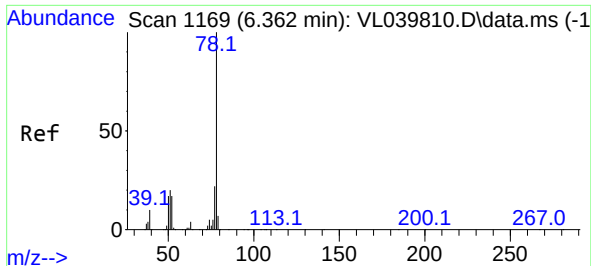
Tgt Ion: 43 Resp: 9736

Ion Ratio Lower Upper

43 100

72 30.2 17.5 26.3#





#36

Benzene

Concen: 38.322 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

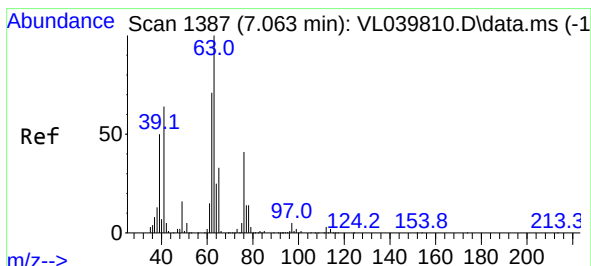
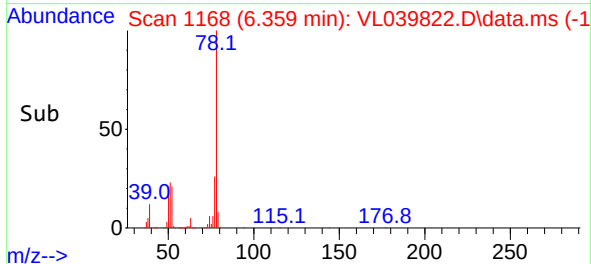
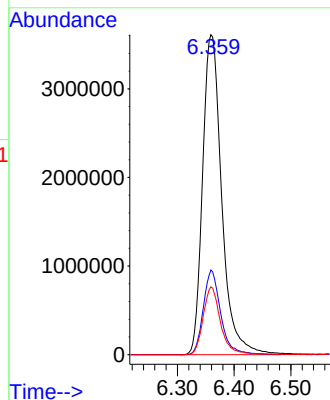
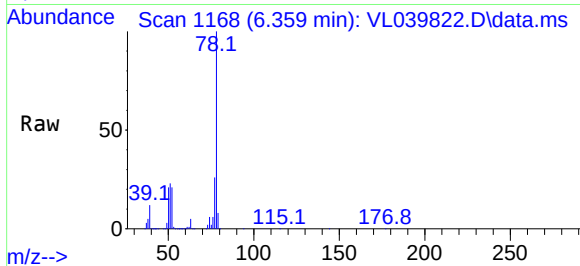
MSVOA_L

ClientSampleId :

E062-1100

Tgt Ion: 78 Resp: 8478757

Ion	Ratio	Lower	Upper
78	100		
77	26.4	17.4	26.2#
50	21.2	13.9	20.9#



#39

1,2-Dichloropropane

Concen: 28.893 ppbv

RT: 7.060 min Scan# 1386

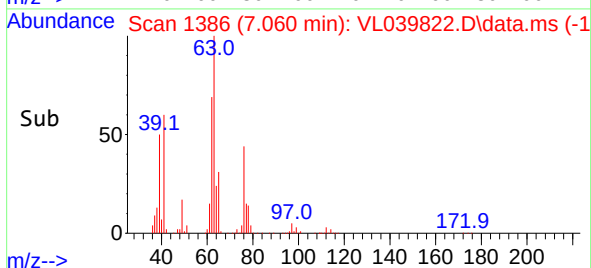
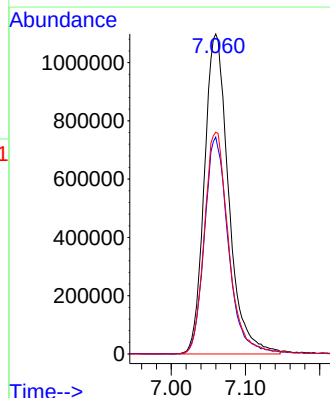
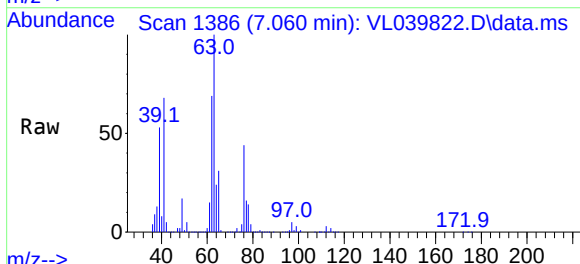
Delta R.T. -0.003 min

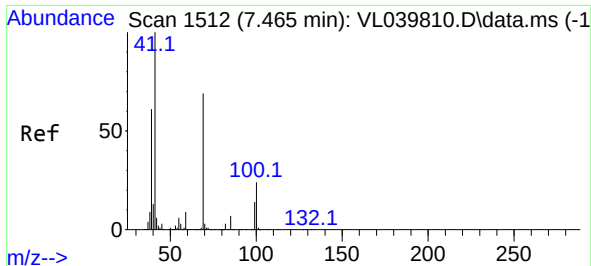
Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Tgt Ion: 63 Resp: 2490735

Ion	Ratio	Lower	Upper
63	100		
41	67.7	51.0	76.4
62	69.2	56.6	85.0

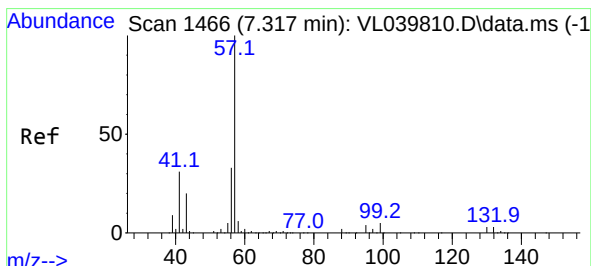
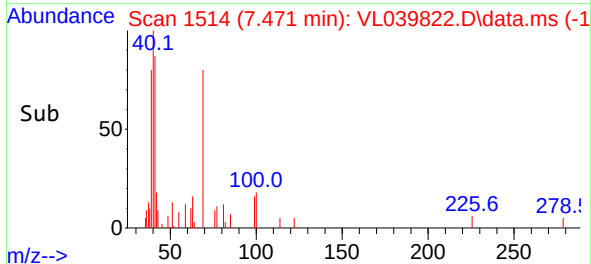
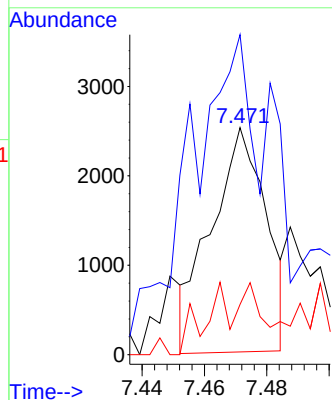
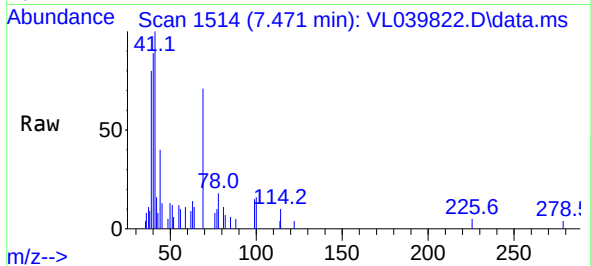




#43
Methyl Methacrylate
Concen: 0.035 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.007 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

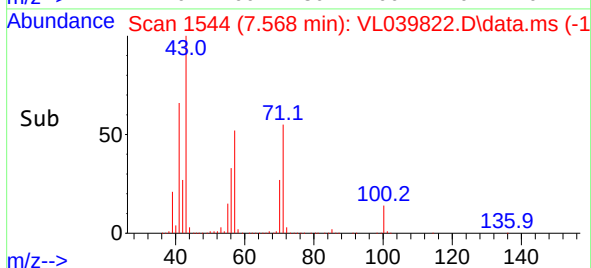
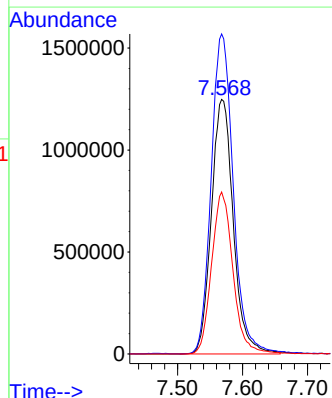
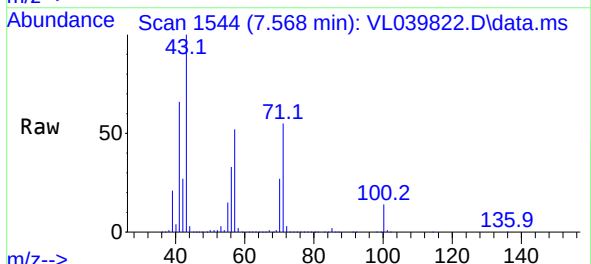
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

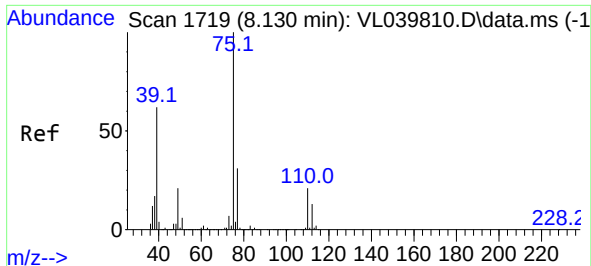
Tgt Ion: 69 Resp: 3074
Ion Ratio Lower Upper
69 100
41 0.0 115.7 173.5#
100 0.0 25.9 38.9#



#44
2,2,4-Trimethylpentane
Concen: 7.830 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.251 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 57 Resp: 2924201
Ion Ratio Lower Upper
57 100
41 127.2 24.6 36.8#
56 62.2 25.4 38.0#

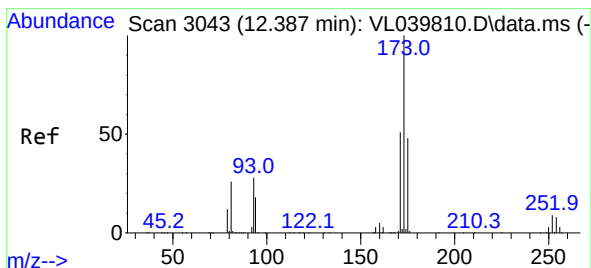
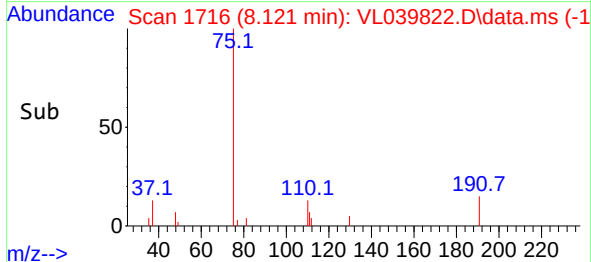
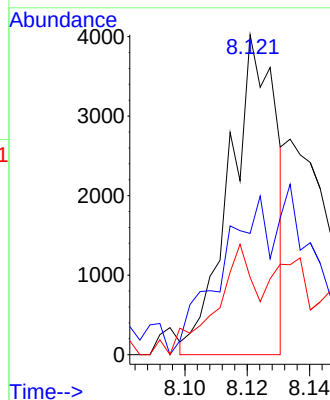
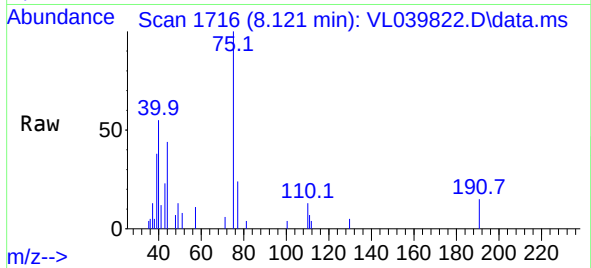




#46
cis-1,3-Dichloropropene
Concen: 0.036 ppbv
RT: 8.121 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

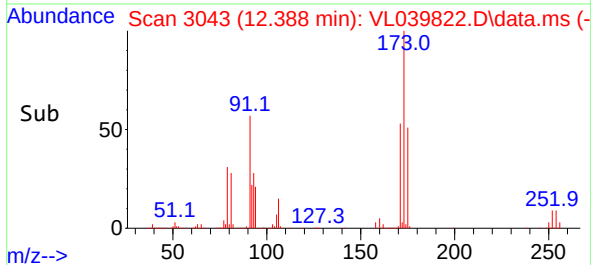
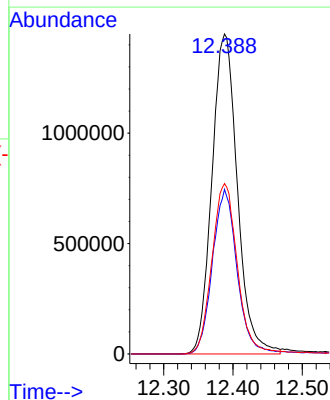
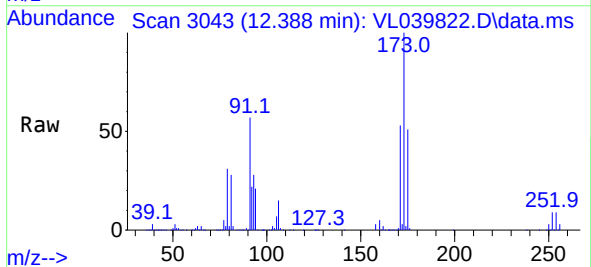
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

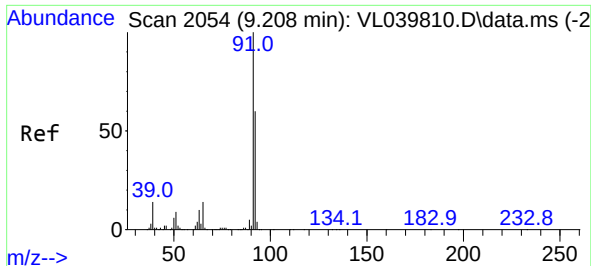
Tgt Ion: 75 Resp: 4147
Ion Ratio Lower Upper
75 100
39 34.9 50.0 75.0#
77 16.6 25.1 37.7#



#49
Bromoform
Concen: 30.915 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 173 Resp: 3695993
Ion Ratio Lower Upper
173 100
175 50.6 39.7 59.5
171 53.8 41.7 62.5

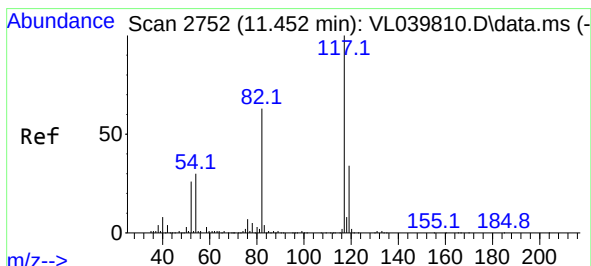
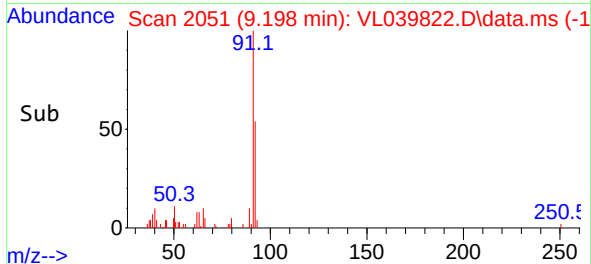
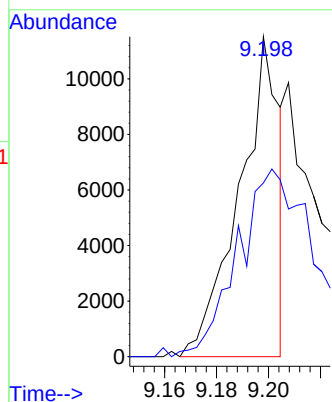
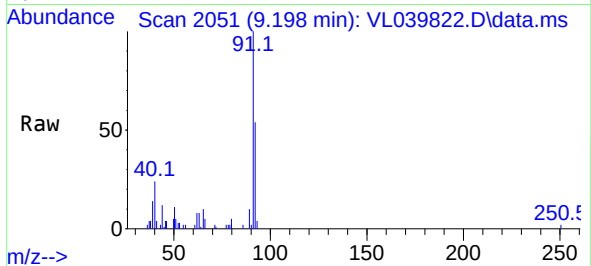




#53
Toluene
Concen: 0.048 ppbv
RT: 9.198 min Scan# 2054
Delta R.T. -0.010 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

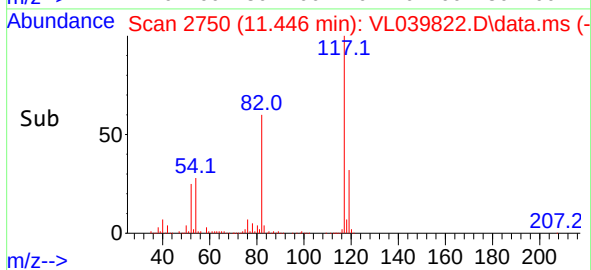
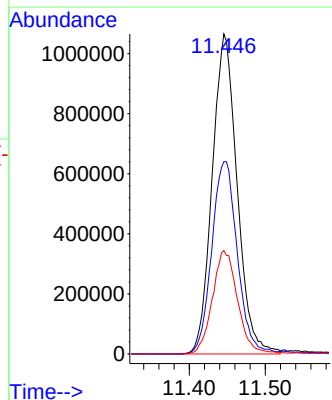
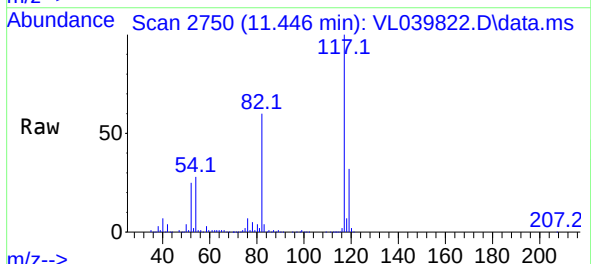
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

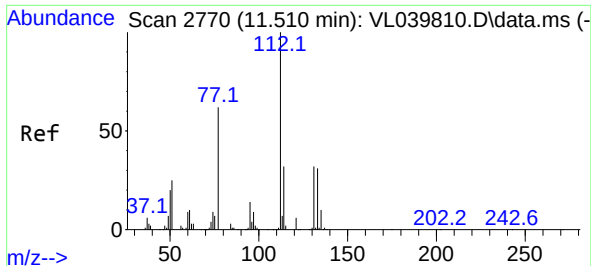
Tgt Ion: 91 Resp: 12153
Ion Ratio Lower Upper
91 100
92 120.8 49.6 74.4#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. -0.006 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 117 Resp: 2424169
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 32.9 24.7 37.1

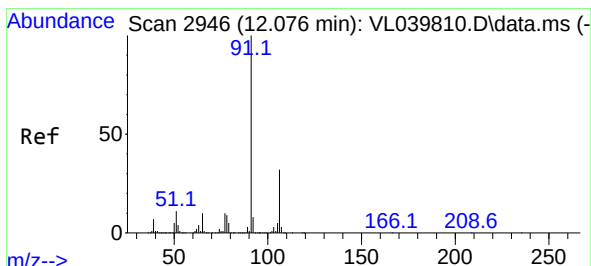
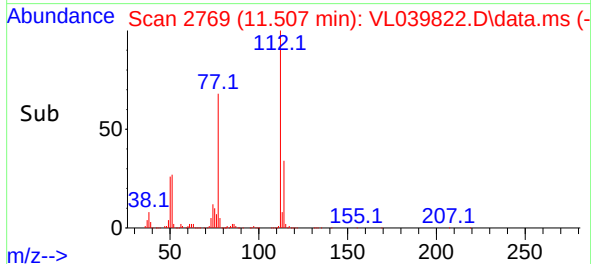
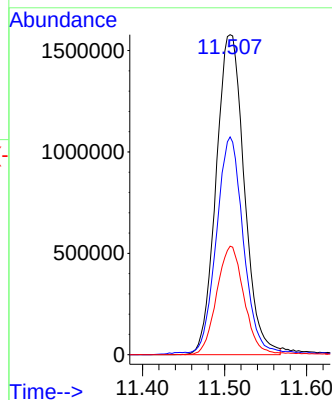
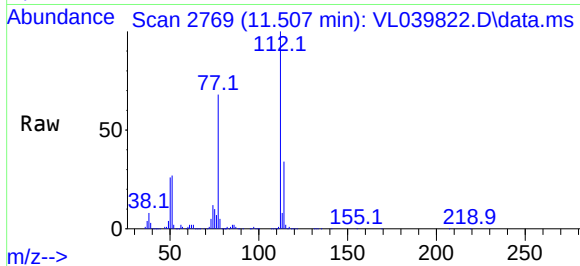




#57
Chlorobenzene
Concen: 20.494 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

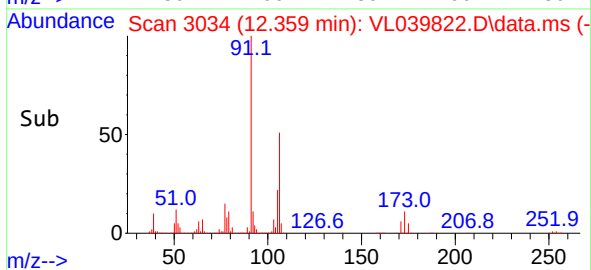
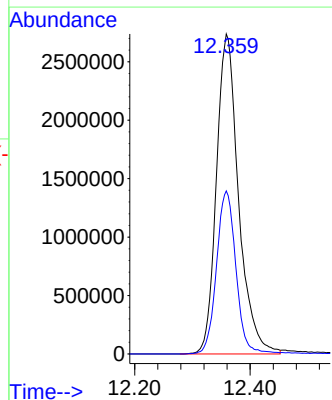
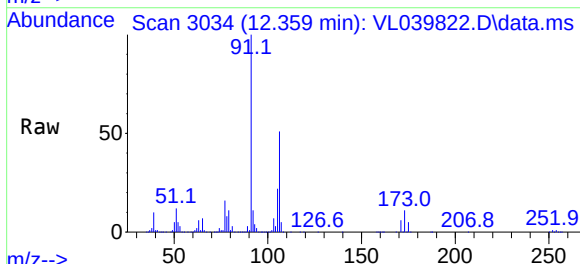
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

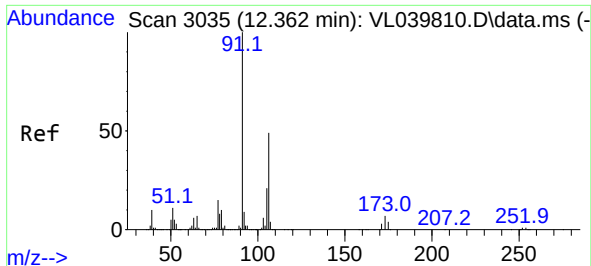
Tgt Ion:112 Resp: 3768334
Ion Ratio Lower Upper
112 100
77 67.4 49.8 74.6
114 33.9 29.0 35.4



#58
Ethyl Benzene
Concen: 22.219 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. 0.283 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion: 91 Resp: 7282775
Ion Ratio Lower Upper
91 100
106 51.0 25.9 38.9#





#59

m/p-Xylene

Concen: 26.618 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

MSVOA_L

ClientSampleId :

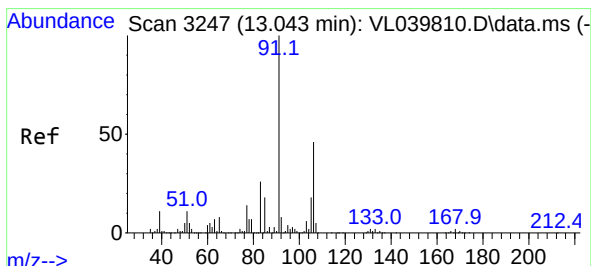
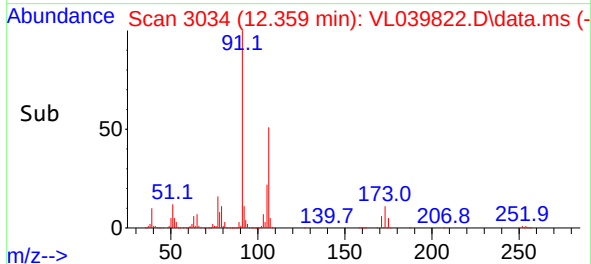
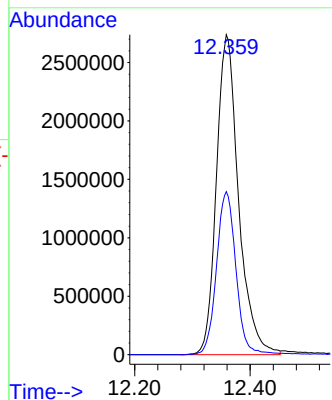
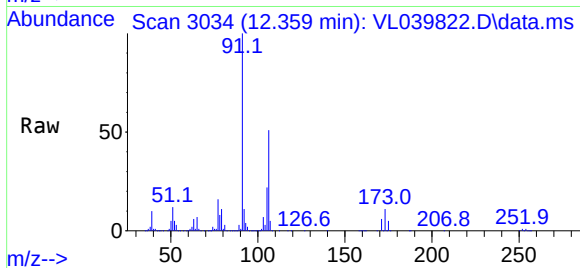
E062-1100

Tgt Ion: 91 Resp: 7282775

Ion Ratio Lower Upper

91 100

106 45.4 37.6 56.4



#60

o-Xylene

Concen: 30.979 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.003 min

Lab File: VL039822.D

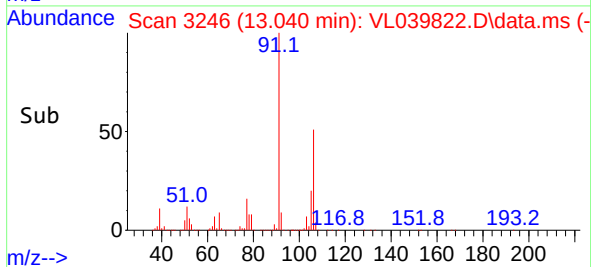
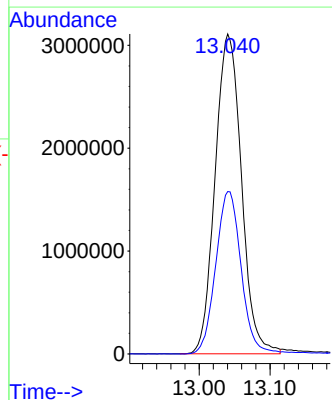
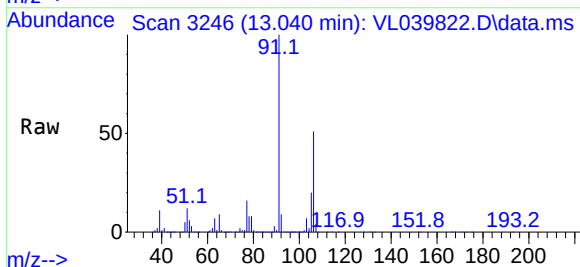
Acq: 3 Nov 2022 12:28

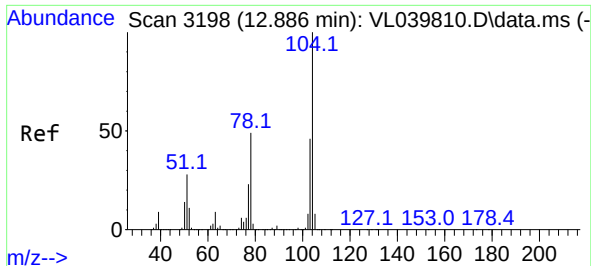
Tgt Ion: 91 Resp: 8030242

Ion Ratio Lower Upper

91 100

106 49.8 23.6 70.8

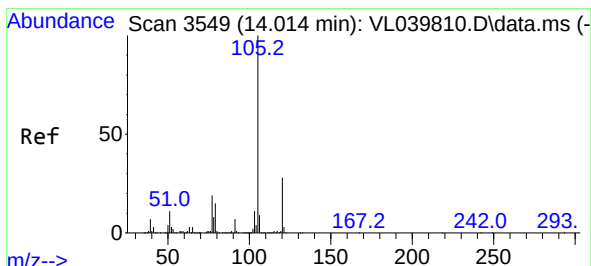
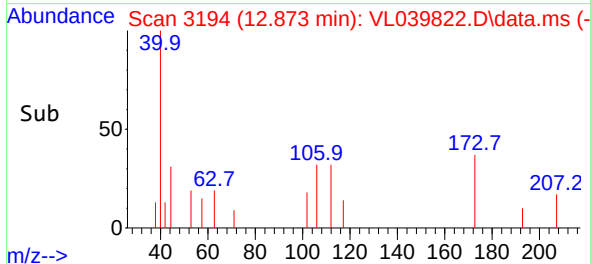
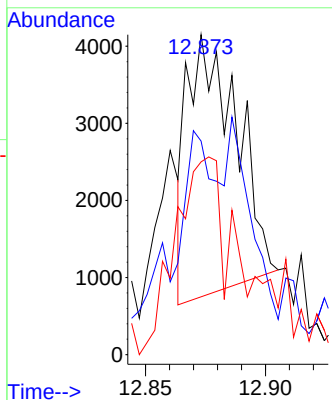
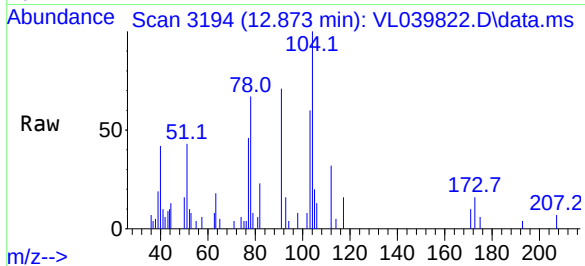




#61
Styrene
Concen: 0.030 ppbv
RT: 12.873 min Scan# 3198
Delta R.T. -0.013 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

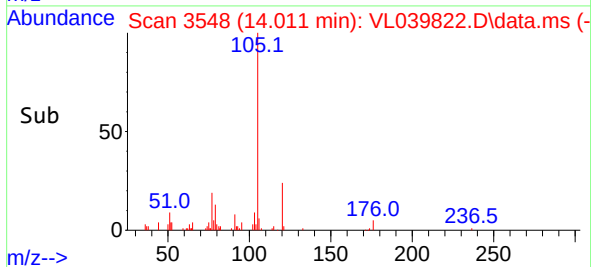
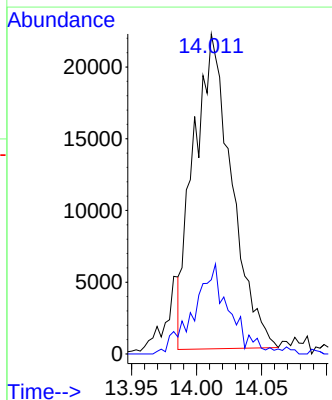
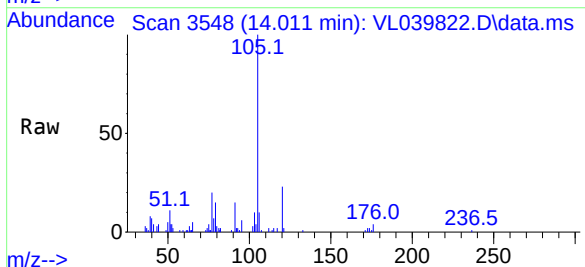
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

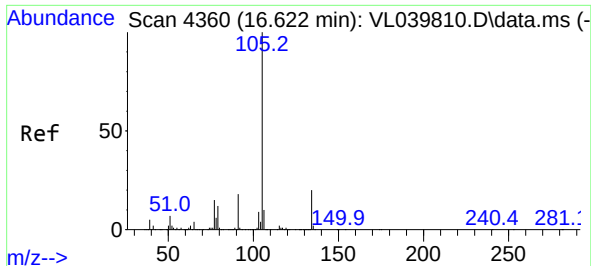
Tgt Ion:104 Resp: 4825
Ion Ratio Lower Upper
104 100
78 0.0 40.2 60.2#
103 0.0 37.5 56.3#



#62
Isopropylbenzene
Concen: 0.118 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.003 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:105 Resp: 44646
Ion Ratio Lower Upper
105 100
120 28.0 21.7 32.5





#67

sec-Butylbenzene

Concen: 0.032 ppbv

RT: 16.622 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

Instrument :

MSVOA_1

ClientSampleId :

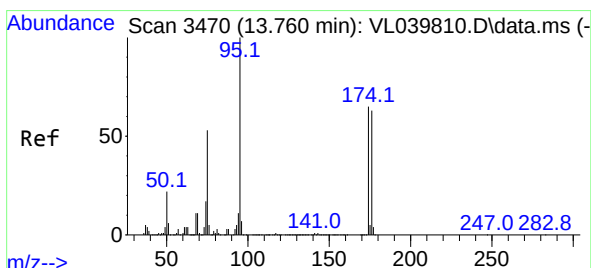
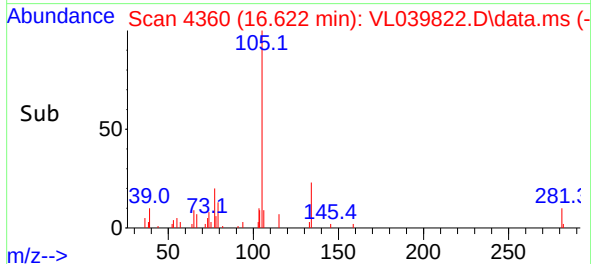
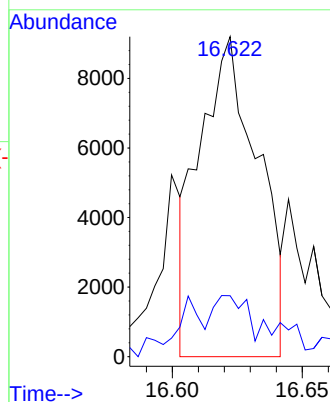
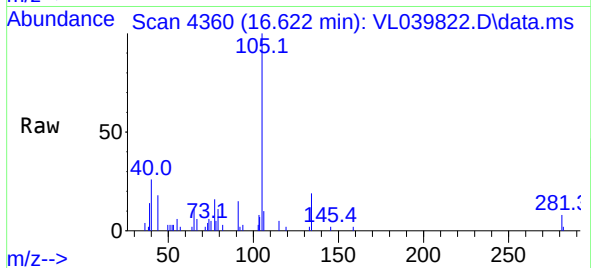
E062-1100

Tgt Ion:105 Resp: 14445

Ion Ratio Lower Upper

105 100

134 31.2 15.1 22.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.349 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. -0.003 min

Lab File: VL039822.D

Acq: 3 Nov 2022 12:28

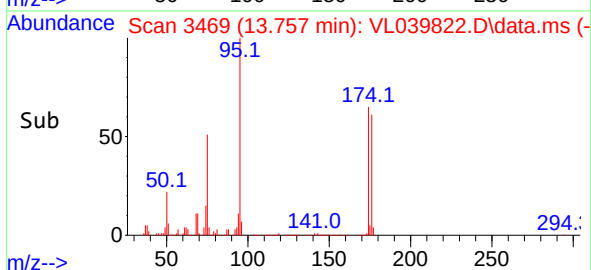
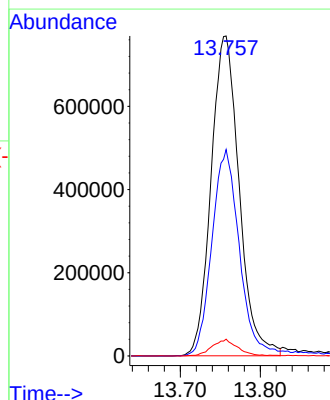
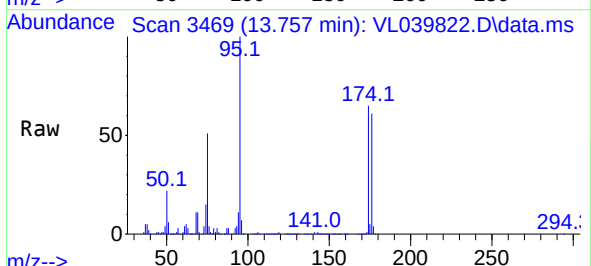
Tgt Ion: 95 Resp: 1877819

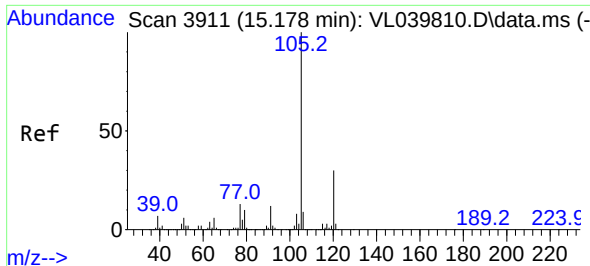
Ion Ratio Lower Upper

95 100

174 65.2 53.4 80.0

175 4.9 4.1 6.1

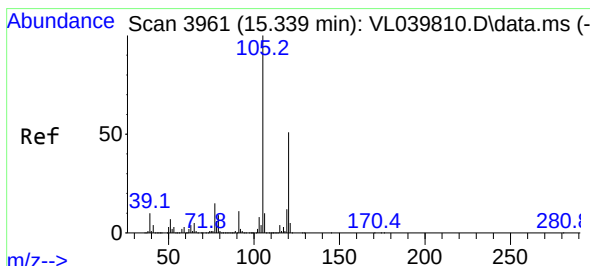
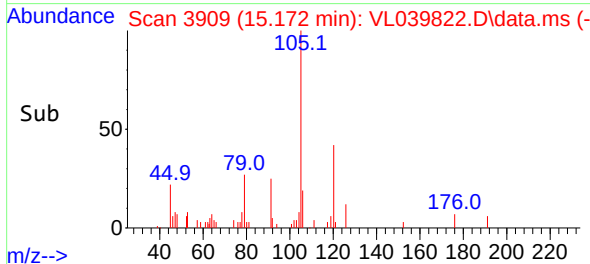
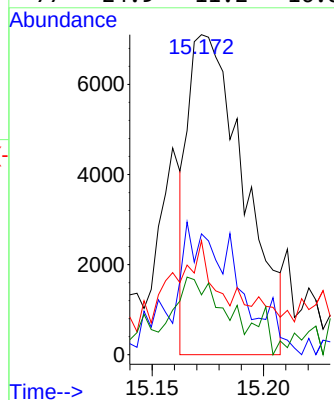
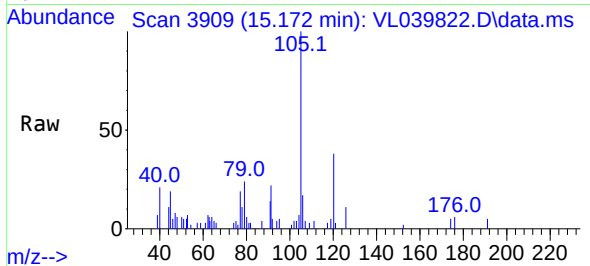




#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 15.172 min Scan# 3911
Delta R.T. -0.006 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

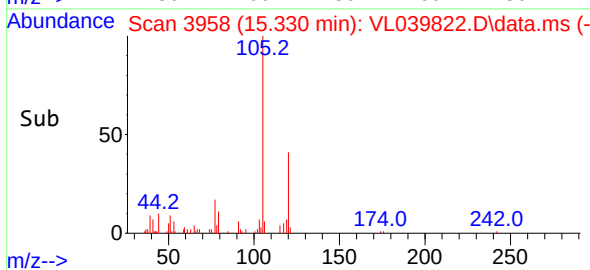
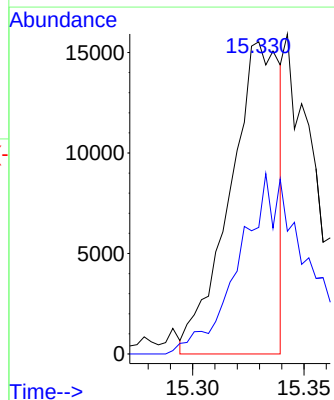
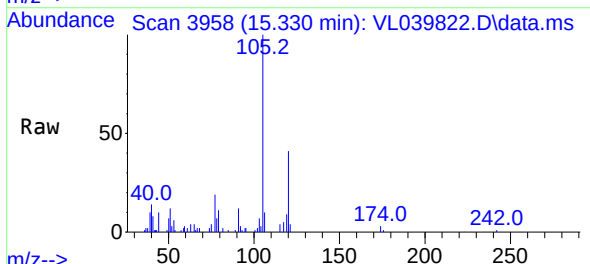
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

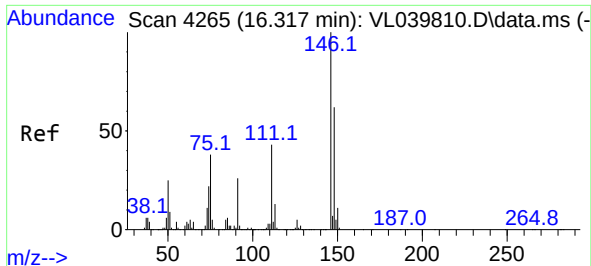
Tgt Ion:105	Resp:	12375
Ion Ratio	Lower	Upper
105	100	
120	49.1	26.0 39.0#
91	33.6	10.5 15.7#
77	24.9	11.2 16.8#



#73
1,3,5-Trimethylbenzene
Concen: 0.093 ppbv
RT: 15.330 min Scan# 3958
Delta R.T. -0.010 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:105	Resp:	24050
Ion Ratio	Lower	Upper
105	100	
120	38.8	41.0 61.4#

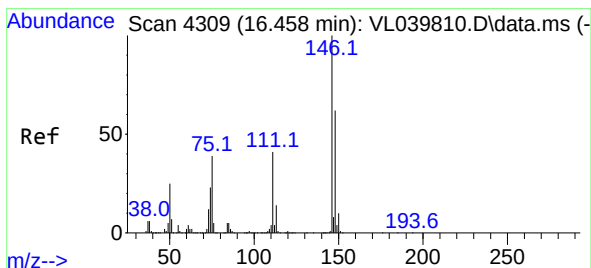
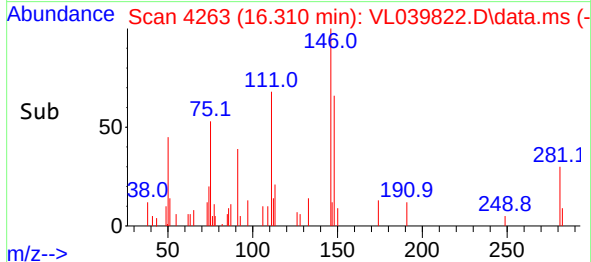
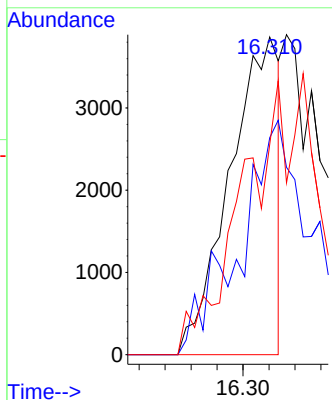
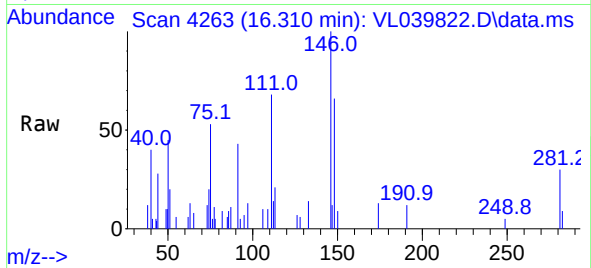




#75
1,3-Dichlorobenzene
Concen: 0.032 ppbv
RT: 16.310 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

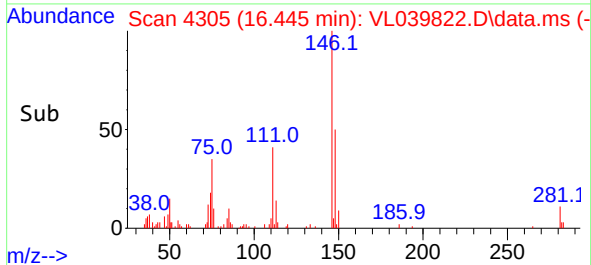
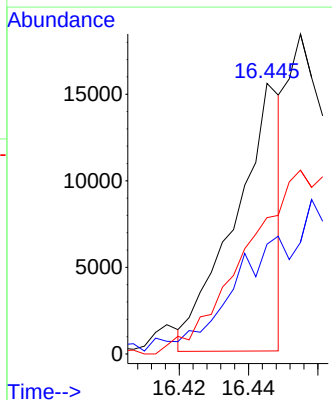
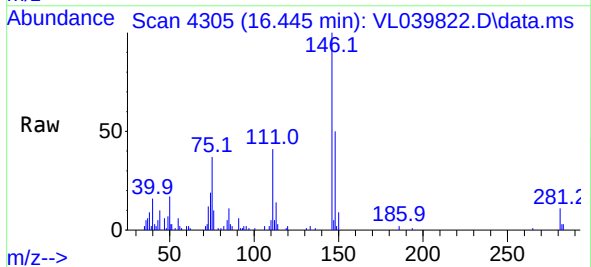
Instrument :
MSVOA_L
ClientSampleId :
E062-1100

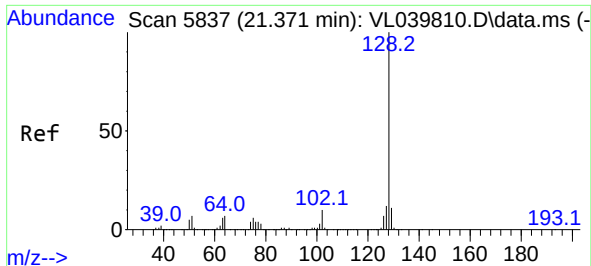
Tgt Ion:146 Resp: 5082
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8#
148 0.0 32.3 96.9#



#76
1,4-Dichlorobenzene
Concen: 0.091 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. -0.013 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:146 Resp: 14263
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1#
148 0.0 33.1 99.3#

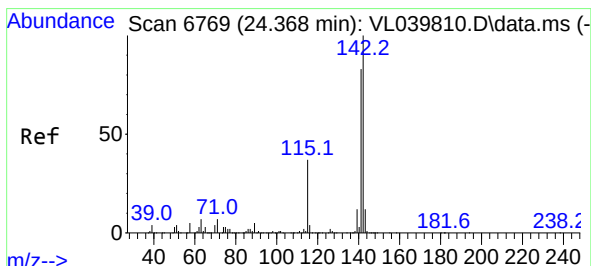
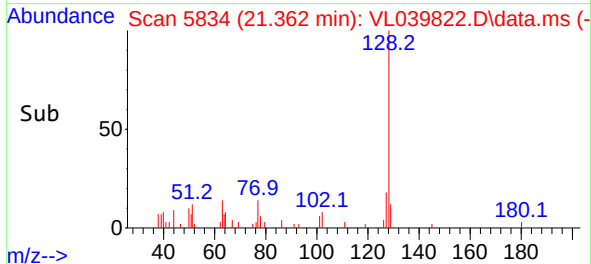
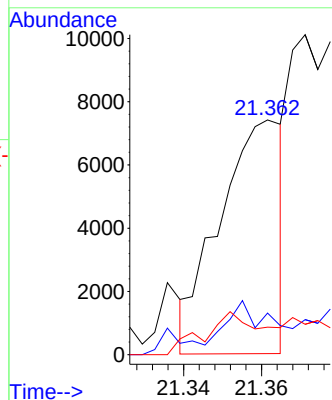
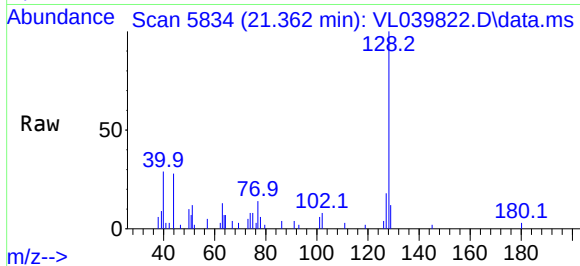




#79
Naphthalene
Concen: 0.041 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.010 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
E062-1100

Tgt Ion:128 Resp: 8253
Ion Ratio Lower Upper
128 100
127 16.8 9.8 14.6#
129 6.5 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.078 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.007 min
Lab File: VL039822.D
Acq: 3 Nov 2022 12:28

Tgt Ion:142 Resp: 6591
Ion Ratio Lower Upper
142 100
141 40.4 65.1 97.7#
115 0.0 29.1 43.7#

