

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039811.D
 Acq On : 2 Nov 2022 11:24
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 03 09:13:53 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 : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1151985	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3145031	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3072215	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2273437	9.886	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	390179	2.006	ppbv	98
3) Chlorodifluoromethane	2.687	51	269096	1.959	ppbv	98
4) Chloromethane	2.825	50	174010	2.035	ppbv	98
5) Vinyl Chloride	2.931	62	134181	1.938	ppbv	99
6) Bromomethane	3.131	94	44931	1.819	ppbv	96
7) Chloroethane	3.208	64	21975	0.847	ppbv	89
8) Dichlorotetrafluoroethane	2.867	85	335009	2.021	ppbv	97
9) Propene	2.703	41	135403	1.892	ppbv	94
10) Heptane	7.565	43	342489	1.998	ppbv	99
11) Trichlorofluoromethane	3.568	101	310951	1.960	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.073	101	212634	1.856	ppbv	92
13) Ethanol	3.250	45	3014	0.596	ppbv #	34
14) Bromoethene	3.375	108	95387	1.860	ppbv	94
15) Acetone	3.478	43	301825	2.153	ppbv	99
16) 1,3-Butadiene	2.996	39	131206	2.012	ppbv	100
17) tert-Butyl alcohol	3.889	59	259960	1.947	ppbv	100
18) 1,1-Dichloroethene	3.883	96	103326	1.967	ppbv	96
19) Isopropyl Alcohol	3.587	45	65885	0.949	ppbv #	29
20) Methylene Chloride	3.934	84	82230	1.639	ppbv	98
21) Allyl Chloride	4.002	41	169925	1.916	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	100396	1.883	ppbv	94
23) Vinyl Acetate	4.629	43	109505	1.960	ppbv #	96
24) 1,1-Dichloroethane	4.565	63	225486	1.976	ppbv	99
25) Ethyl Acetate	5.208	43	588267	2.037	ppbv	99
26) Hexane	5.211	57	251843	1.956	ppbv	98
27) Carbon Disulfide	4.127	76	262809	1.943	ppbv	97
28) Methyl tert-Butyl Ether	4.594	73	228913	1.964	ppbv	99
29) Chloroform	5.269	83	360684	1.992	ppbv	97
30) Cyclohexane	6.594	84	215213	1.998	ppbv	94
31) cis-1,2-Dichloroethene	5.076	61	226246	1.927	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	367854	2.041	ppbv	99
34) 2-Butanone	4.790	43	257178	1.982	ppbv	95
35) Carbon Tetrachloride	6.484	117	384529	2.098	ppbv	100
36) Benzene	6.362	78	531425	2.003	ppbv	97
37) 1,2-Dichloroethane	5.799	62	254659	2.001	ppbv	97
38) Trichloroethene	7.275	130	286251	1.964	ppbv	94
39) 1,2-Dichloropropane	7.060	63	119196	1.153	ppbv	95
40) 1,4-Dioxane	7.291	88	37779	0.954	ppbv #	1
41) Tetrahydrofuran	5.568	42	207862	1.917	ppbv	99
42) Bromodichloromethane	7.237	83	410193	2.018	ppbv	100
43) Methyl Methacrylate	7.468	69	206917	1.974	ppbv	96
44) 2,2,4-Trimethylpentane	7.314	57	914566	2.042	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	192944	1.921	ppbv	96

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 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

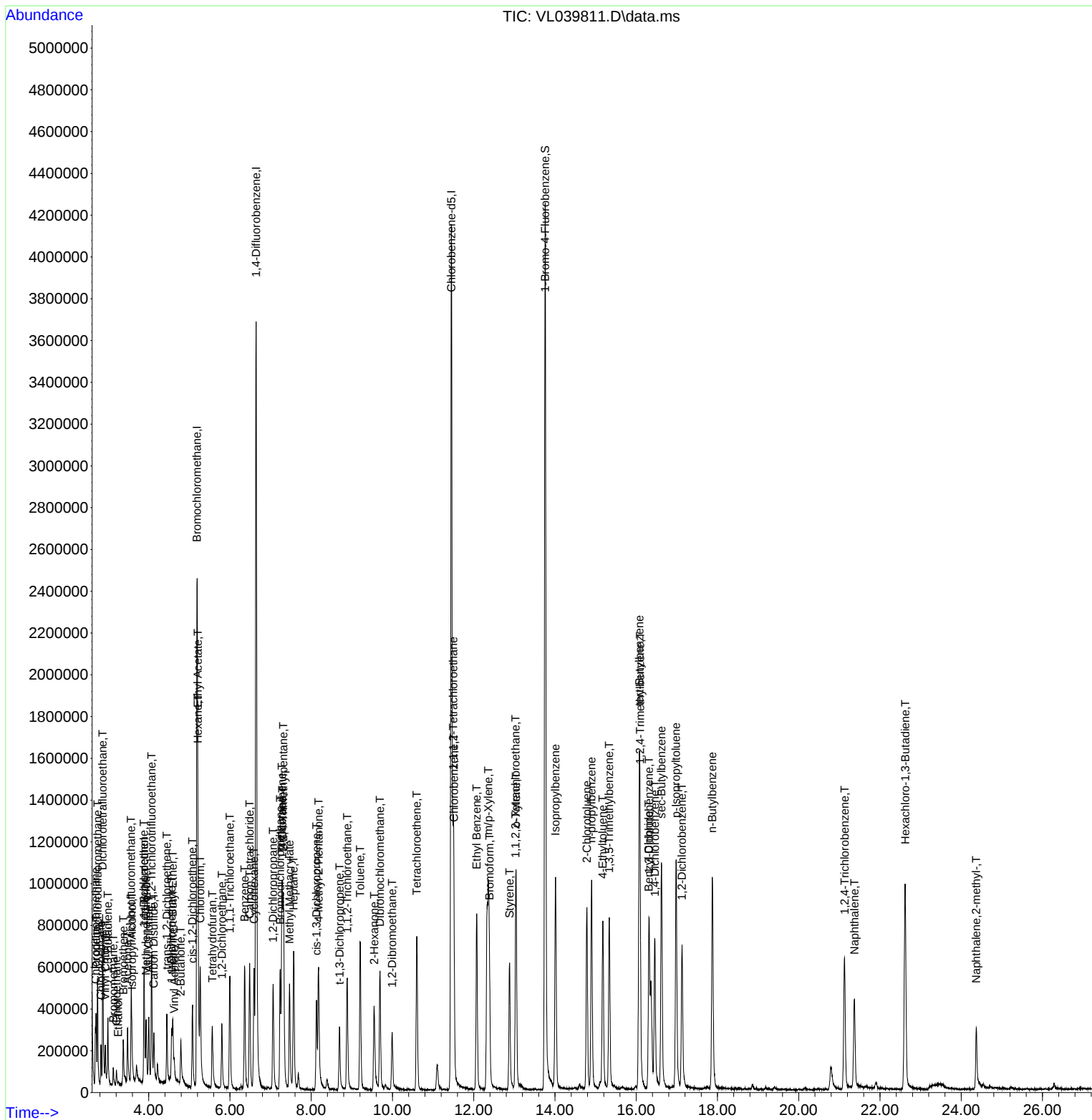
Instrument :
 MSVOA_L
 ClientSampleId :

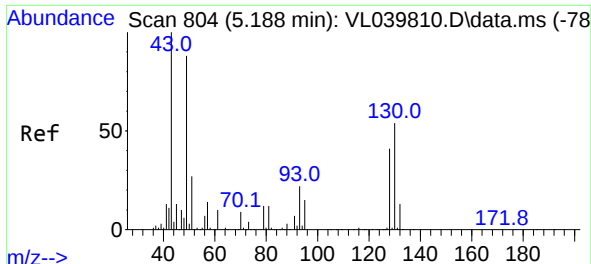
Quant Time: Nov 03 09:13:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	275876	2.012	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	206551	1.973	ppbv	99
48) Dibromochloromethane	9.693	129	367232	2.059	ppbv	99
49) Bromoform	12.388	173	296743	2.070	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	541866	2.040	ppbv	100
51) 2-Hexanone	9.552	43	403462	1.948	ppbv #	94
52) Tetrachloroethene	10.597	164	104412	1.042	ppbv	96
53) Toluene	9.204	91	612712	2.013	ppbv	98
54) 1,2-Dibromoethane	9.992	107	234173	2.016	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	117014	0.891	ppbv #	1
57) Chlorobenzene	11.513	112	463757	1.990	ppbv	97
58) Ethyl Benzene	12.072	91	833574	2.007	ppbv	97
59) m/p-Xylene	12.359	91	745127	2.149	ppbv #	41
60) o-Xylene	13.043	91	660673	2.011	ppbv	100
61) Styrene	12.883	104	392333	1.941	ppbv	98
62) Isopropylbenzene	14.011	105	988902	2.064	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.031	83	151493	1.238	ppbv #	57
64) n-propylbenzene	14.899	120	259449	2.024	ppbv	92
65) tert-Butylbenzene	16.079	119	877569	2.086	ppbv	99
66) Benzyl Chloride	16.307	91	47281	0.966	ppbv #	47
67) sec-Butylbenzene	16.619	105	1186214	2.071	ppbv	98
69) p-Isopropyltoluene	16.979	119	991461	2.087	ppbv	99
70) n-Butylbenzene	17.873	91	943737	2.055	ppbv	99
71) 2-Chlorotoluene	14.786	91	731449	2.031	ppbv	99
72) 4-Ethyltoluene	15.175	105	741858	2.005	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	678725	2.070	ppbv	93
74) 1,2,4-Trimethylbenzene	16.095	105	724667	2.080	ppbv #	92
75) 1,3-Dichlorobenzene	16.317	146	409951	2.015	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	391281	1.960	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	396048	2.065	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	180905	1.273	ppbv #	29
79) Naphthalene	21.374	128	237418	0.937	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	244065	2.273	ppbv	100
81) 1,2,4-Trichlorobenzene	21.130	180	139561	0.985	ppbv #	1

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

Quant Time: Nov 03 09:13:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
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QLast Update : Wed Nov 02 15:18:40 2022
Response via : Initial Calibration

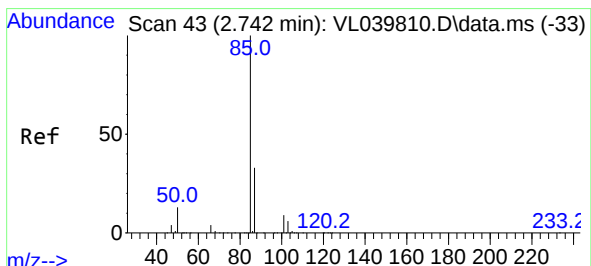
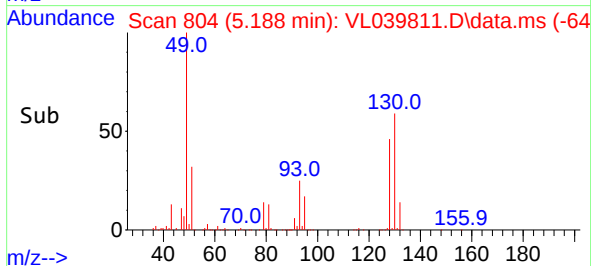
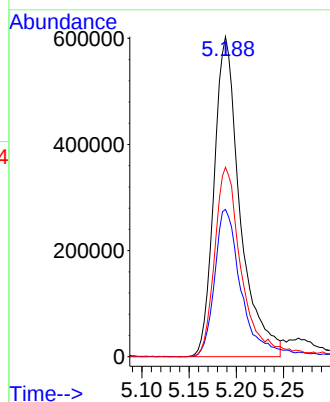
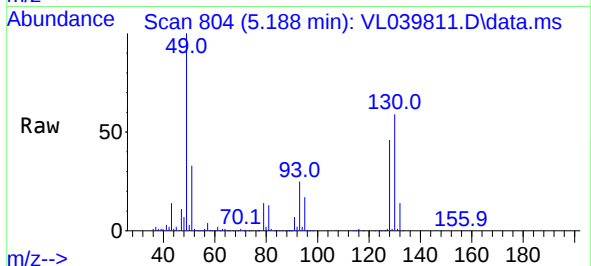




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

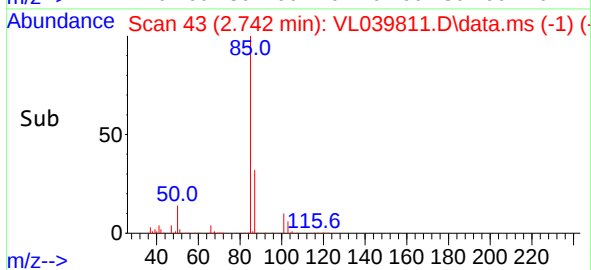
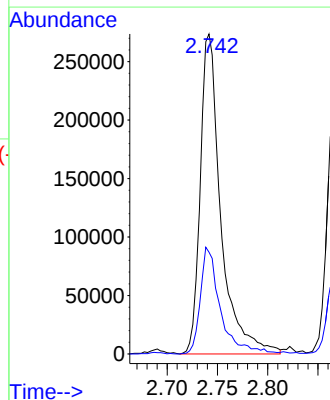
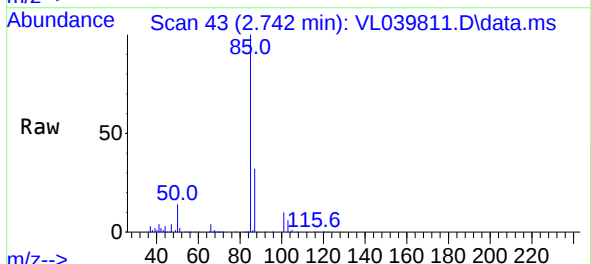
Instrument :
MSVOA_L
ClientSampleId :

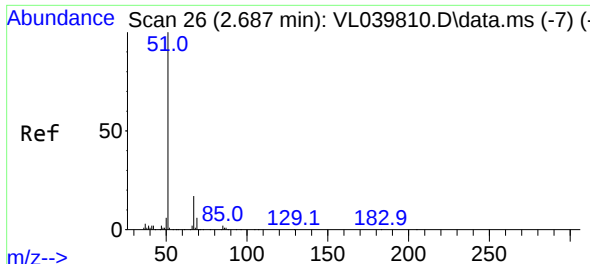
Tgt Ion: 49 Resp: 1151985
Ion Ratio Lower Upper
49 100
128 49.2 24.6 73.6
130 63.5 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 2.006 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 85 Resp: 390179
Ion Ratio Lower Upper
85 100
87 31.8 26.4 39.6

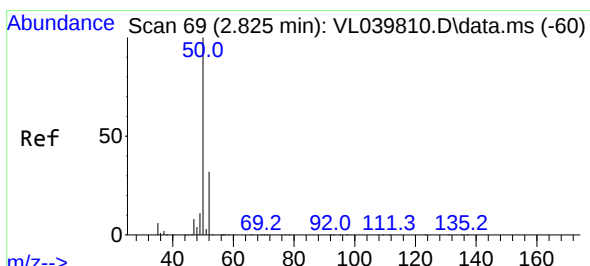
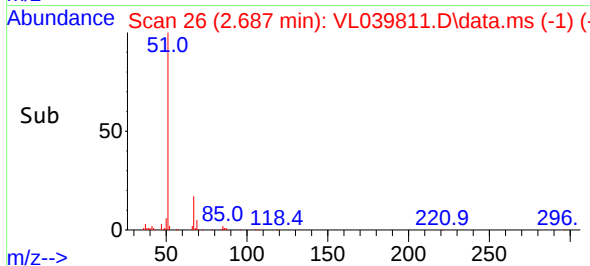
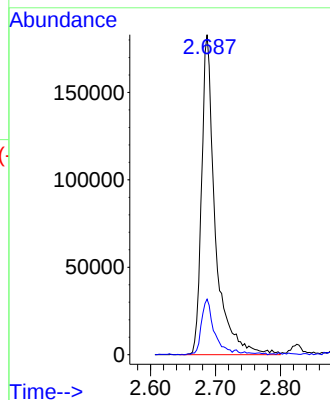
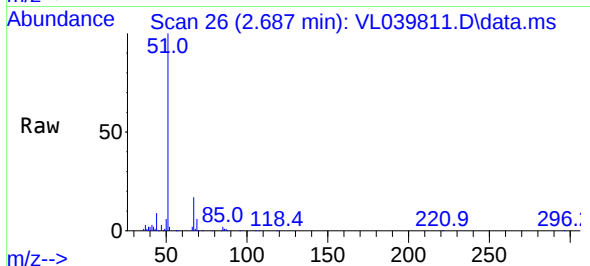




#3
Chlorodifluoromethane
Concen: 1.959 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

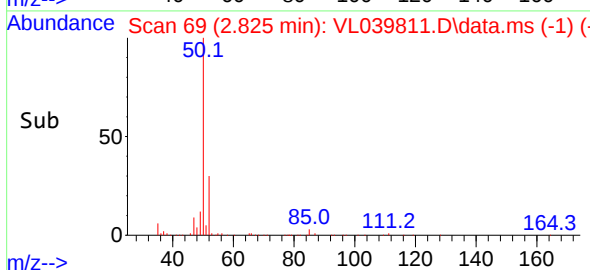
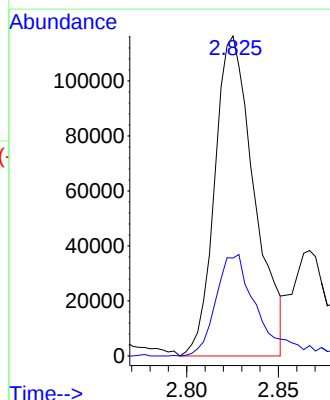
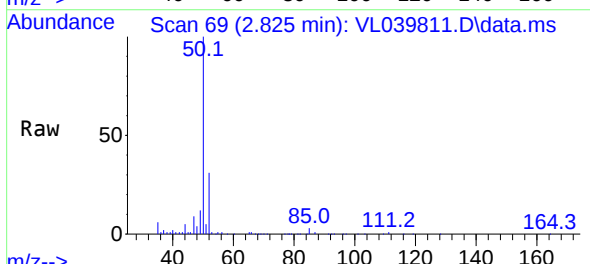
Instrument :
MSVOA_L
ClientSampleId :

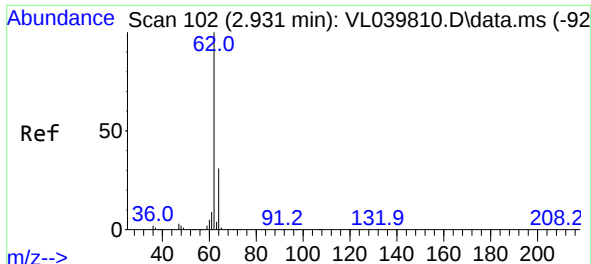
Tgt Ion: 51 Resp: 269096
Ion Ratio Lower Upper
51 100
67 17.4 13.2 19.8



#4
Chloromethane
Concen: 2.035 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 50 Resp: 174010
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3

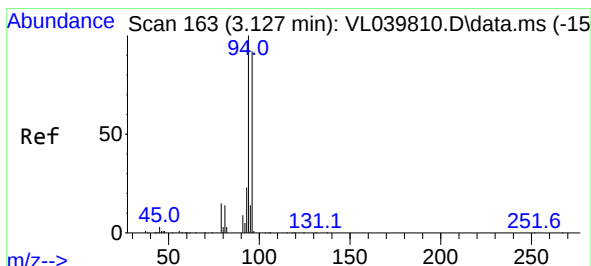
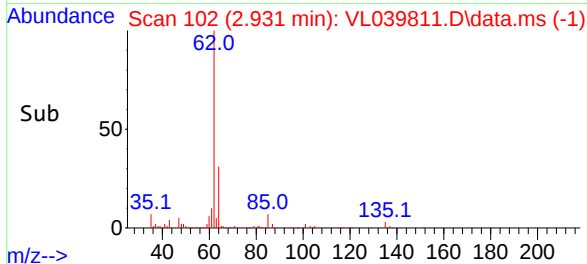
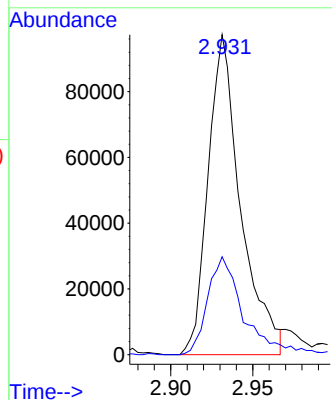
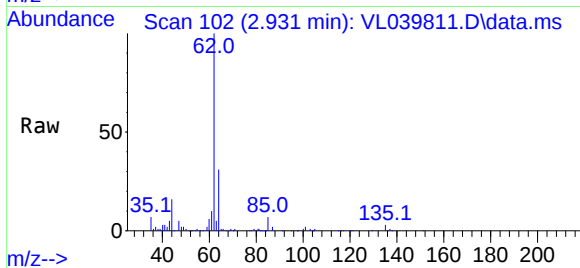




#5
 Vinyl Chloride
 Concen: 1.938 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

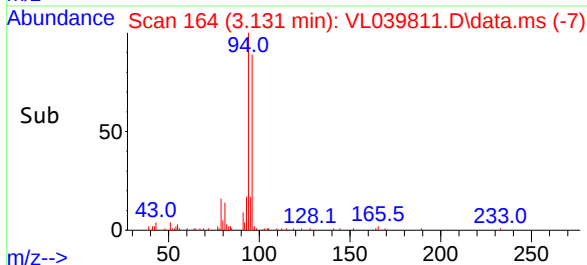
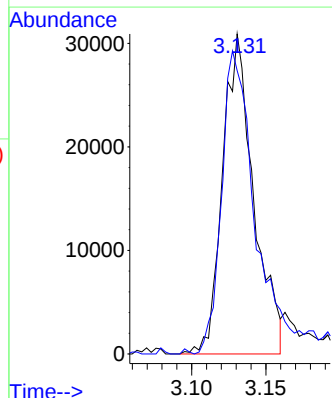
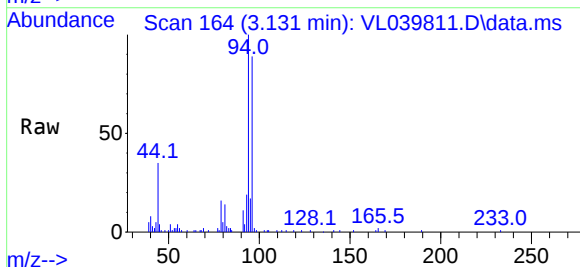
Instrument :
 MSVOA_L
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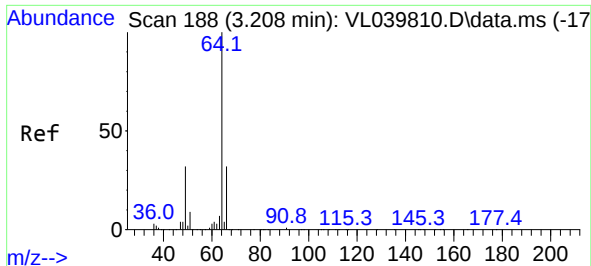
Tgt Ion: 62 Resp: 134181
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.0 37.4



#6
 Bromomethane
 Concen: 1.819 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Tgt Ion: 94 Resp: 44931
 Ion Ratio Lower Upper
 94 100
 96 88.6 73.5 110.3

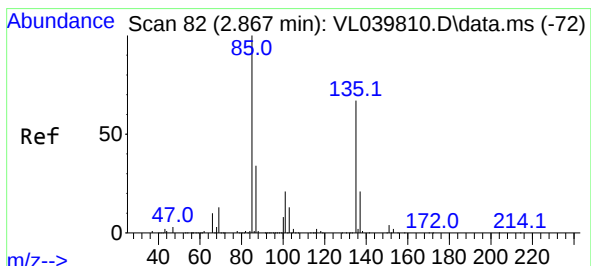
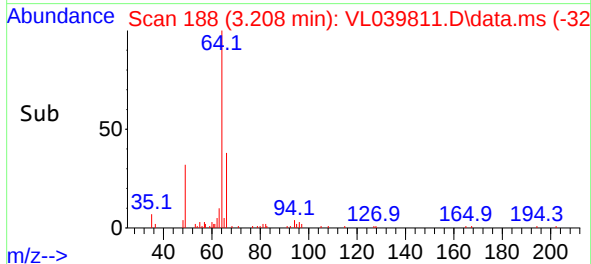
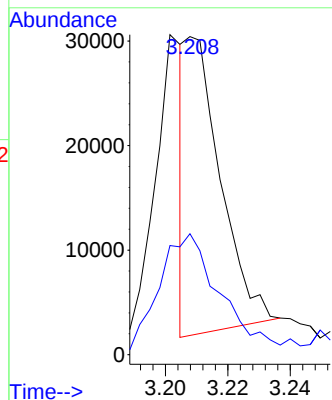
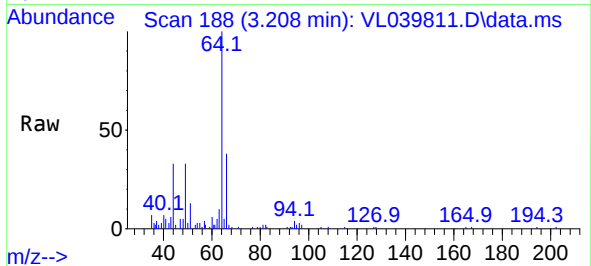




#7
Chloroethane
Concen: 0.847 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

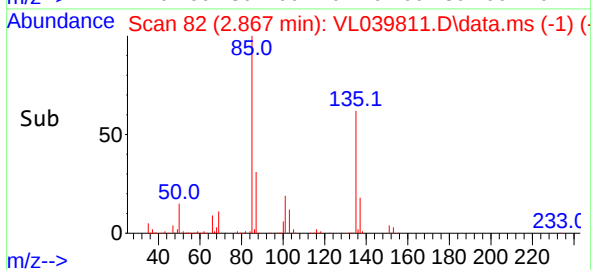
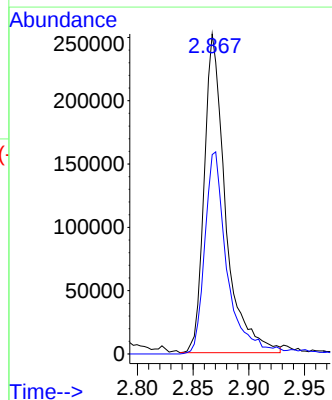
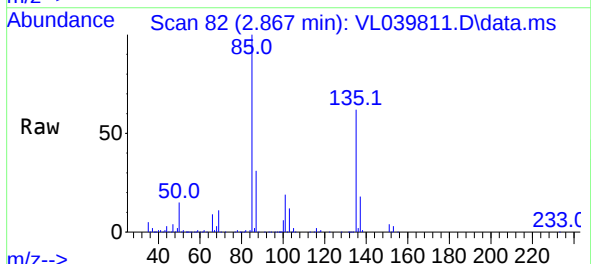
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 21975
Ion Ratio Lower Upper
64 100
66 38.1 25.5 38.3

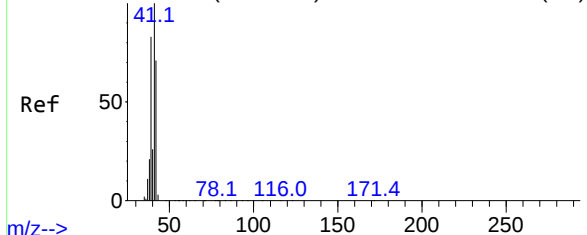


#8
Dichlorotetrafluoroethane
Concen: 2.021 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 85 Resp: 335009
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1



Abundance Scan 32 (2.706 min): VL039810.D\data.ms (-24)

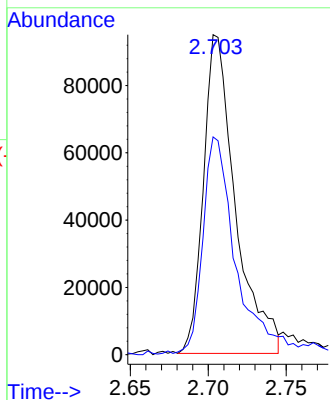
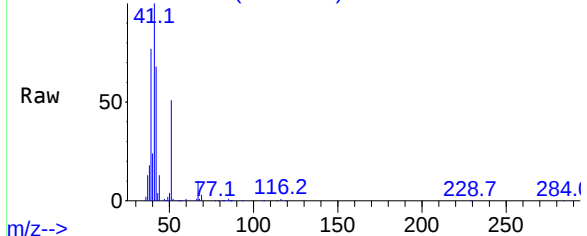


#9
Propene
Concen: 1.892 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

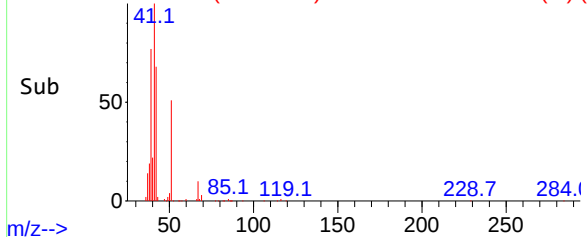
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 135403
Ion Ratio Lower Upper
41 100
42 75.0 56.3 84.5

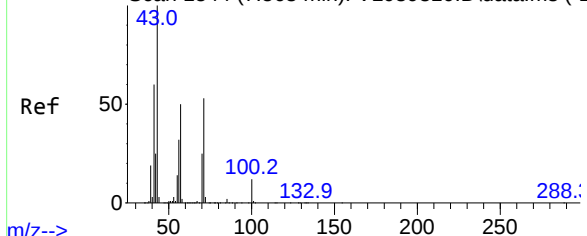
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Abundance Scan 31 (2.703 min): VL039811.D\data.ms (-1)



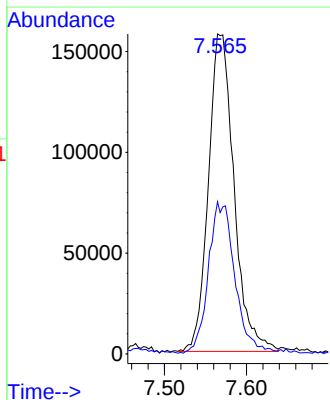
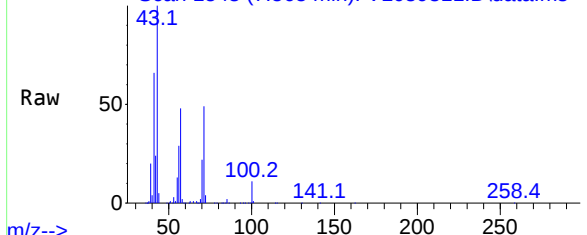
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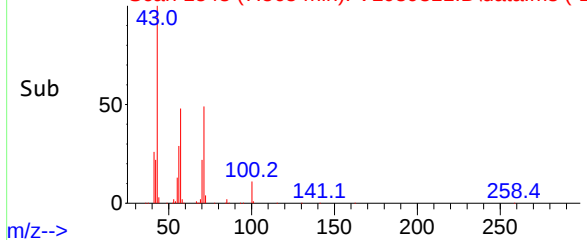
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Heptane
Concen: 1.998 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

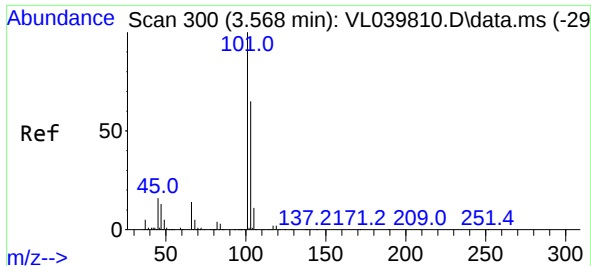
Tgt Ion: 43 Resp: 342489
Ion Ratio Lower Upper
43 100
57 49.6 40.5 60.7

Abundance Scan 1543 (7.565 min): VL039811.D\data.ms



Abundance Scan 1543 (7.565 min): VL039811.D\data.ms (-1)

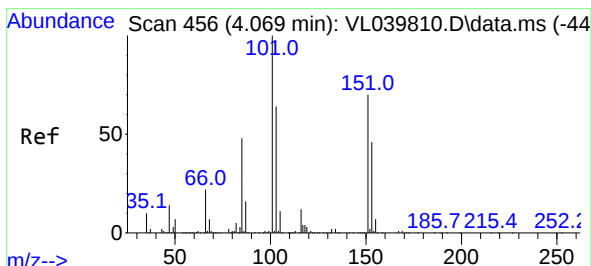
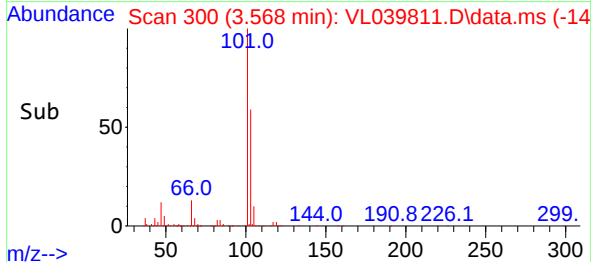
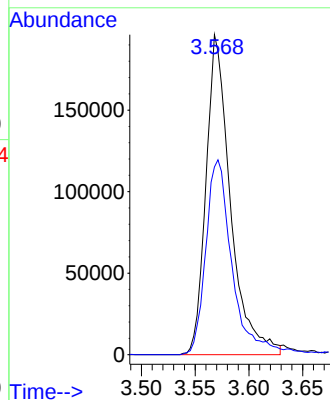
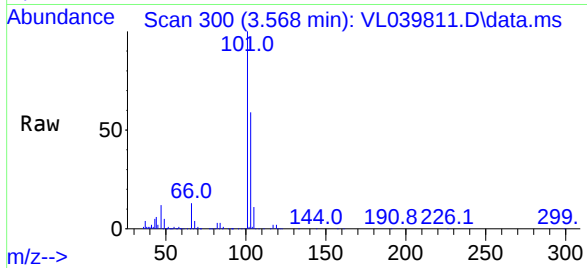




#11
 Trichlorofluoromethane
 Concen: 1.960 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

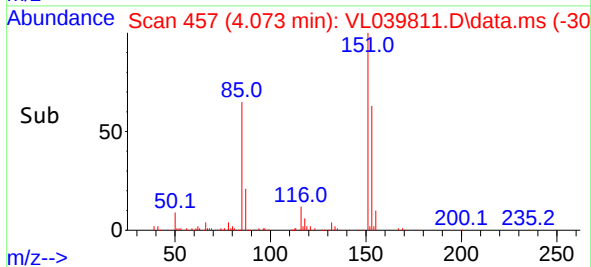
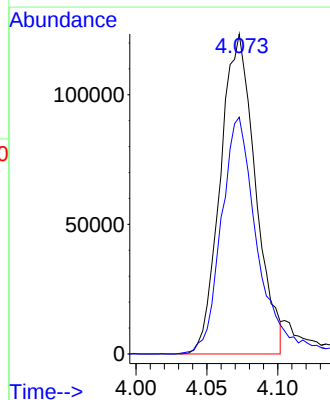
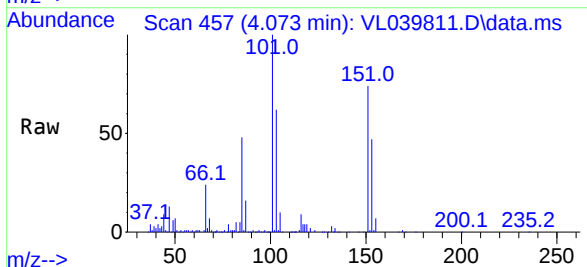
Instrument :
 MSVOA_L
 ClientSampleId :

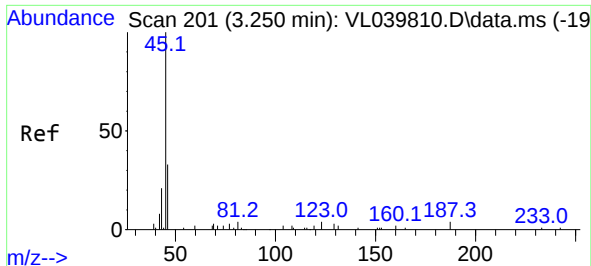
Tgt Ion:101 Resp: 310951
 Ion Ratio Lower Upper
 101 100
 103 58.7 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.856 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Tgt Ion:101 Resp: 212634
 Ion Ratio Lower Upper
 101 100
 151 78.4 57.2 85.8

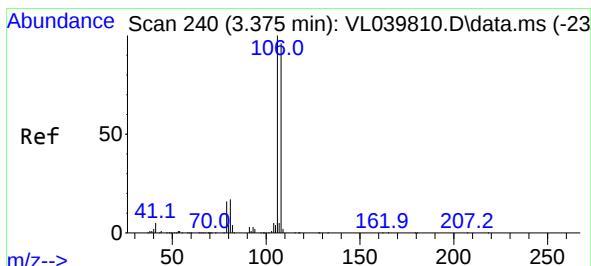
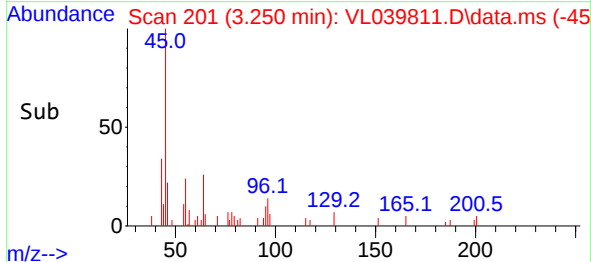
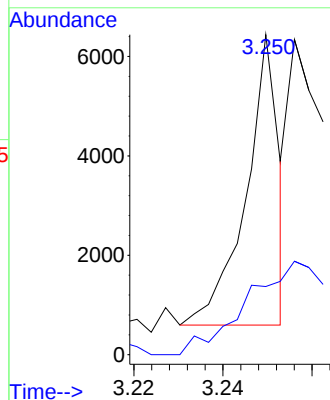
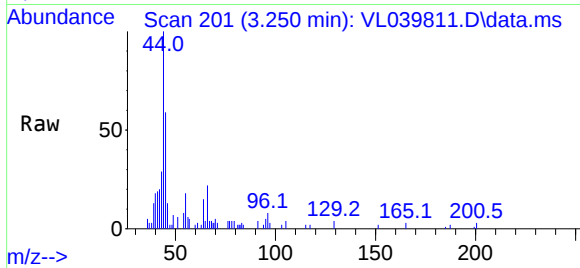




#13
Ethanol
Concen: 0.596 ppbv
RT: 3.250 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

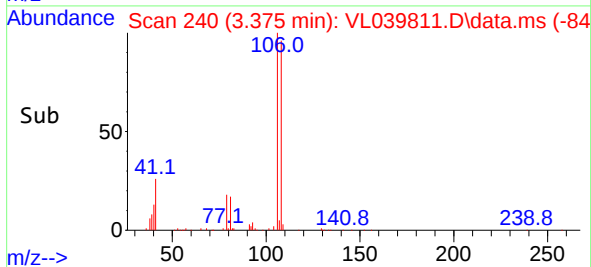
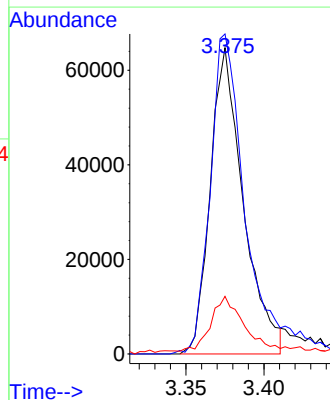
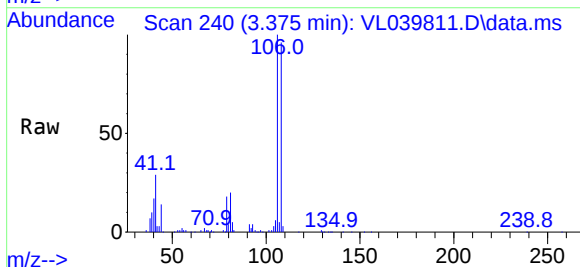
Instrument :
MSVOA_L
ClientSampleId :

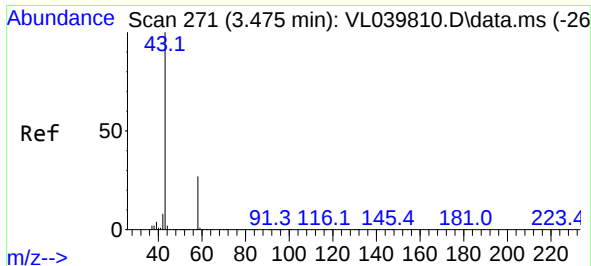
Tgt Ion: 45 Resp: 3014
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#14
Bromoethene
Concen: 1.860 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:108 Resp: 95387
Ion Ratio Lower Upper
108 100
106 117.0 87.8 131.8
79 20.1 14.5 21.7

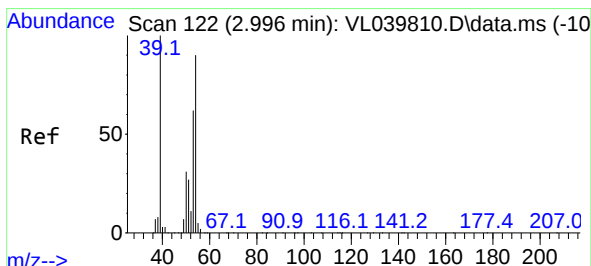
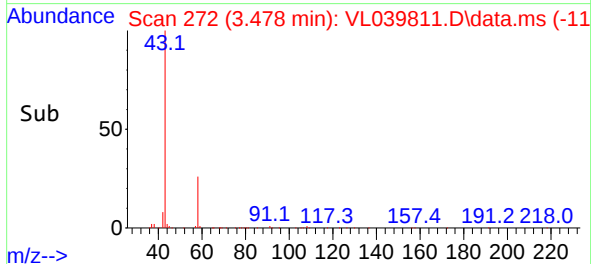
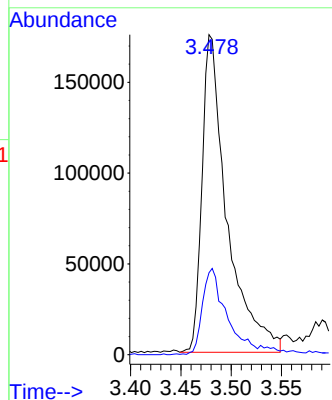
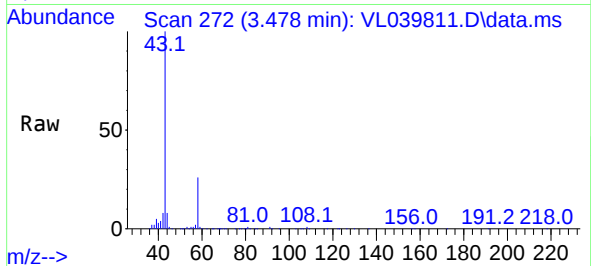




#15
Acetone
Concen: 2.153 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

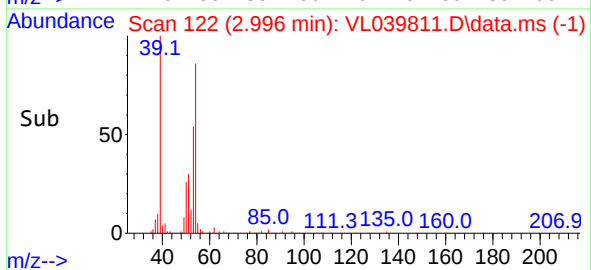
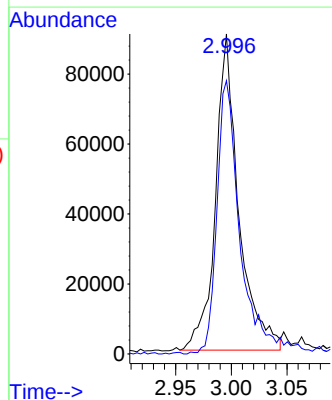
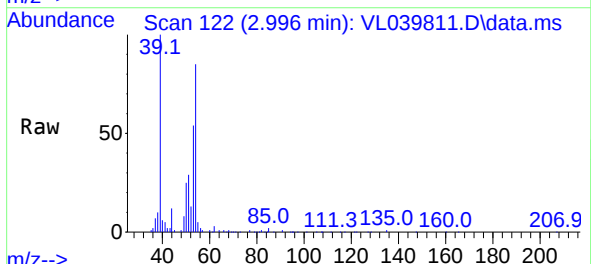
Instrument :
MSVOA_L
ClientSampleId :

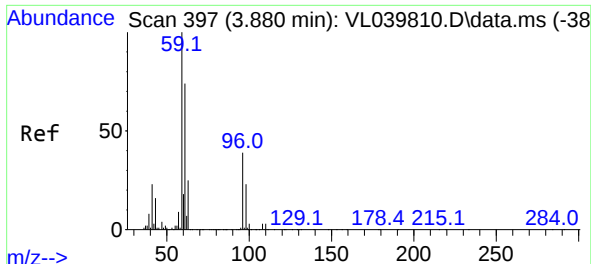
Tgt Ion: 43 Resp: 301825
Ion Ratio Lower Upper
43 100
58 28.6 23.2 34.8



#16
1,3-Butadiene
Concen: 2.012 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 39 Resp: 131206
Ion Ratio Lower Upper
39 100
54 89.1 71.0 106.4

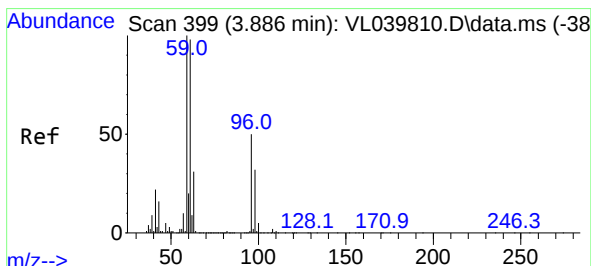
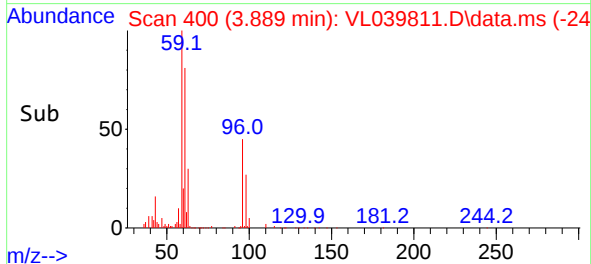
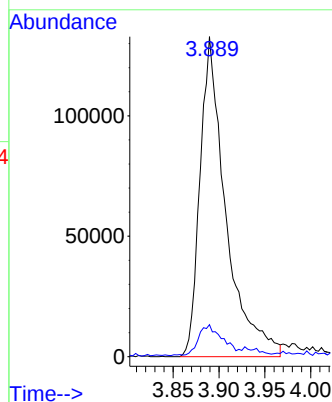
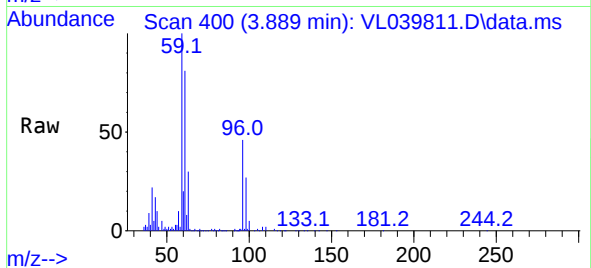




#17
tert-Butyl alcohol
Concen: 1.947 ppbv
RT: 3.889 min Scan# 400
Delta R.T. 0.010 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

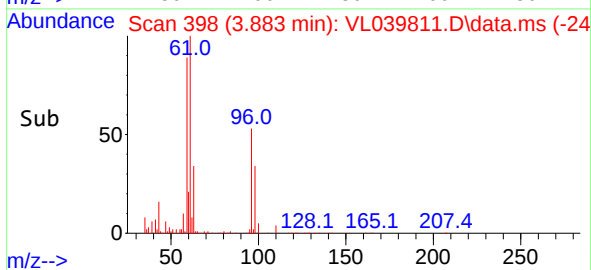
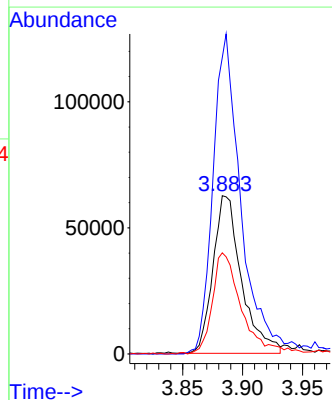
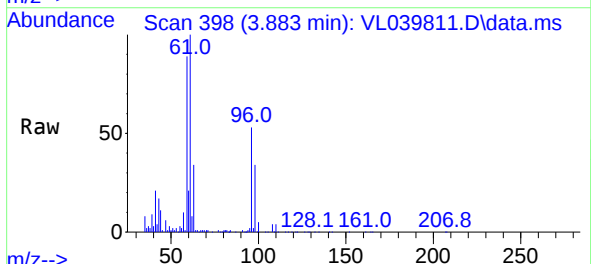
Instrument :
MSVOA_L
ClientSampleId :

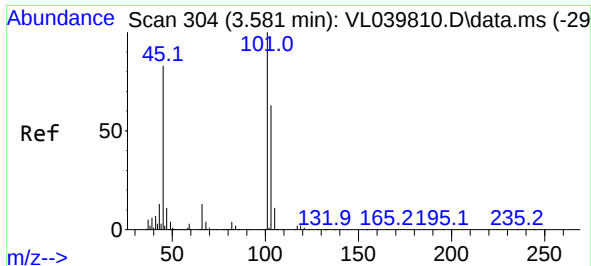
Tgt Ion: 59 Resp: 259960
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.6



#18
1,1-Dichloroethene
Concen: 1.967 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 96 Resp: 103326
Ion Ratio Lower Upper
96 100
61 187.9 156.9 235.3
98 63.4 50.6 75.8

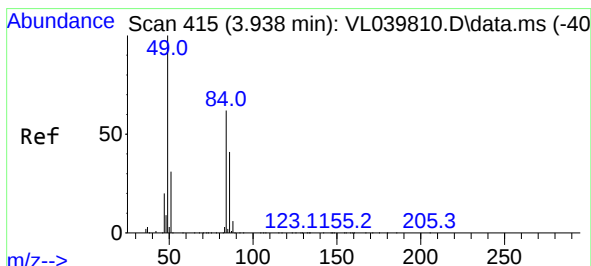
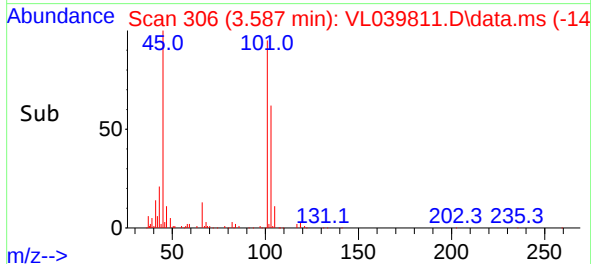
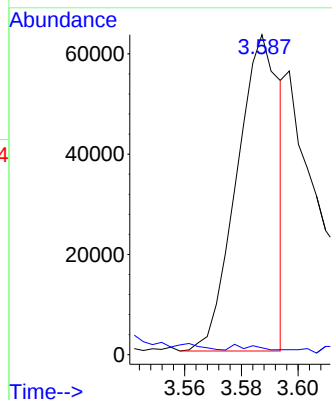
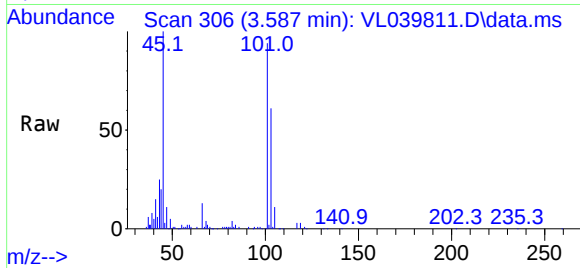




#19
Isopropyl Alcohol
Concen: 0.949 ppbv
RT: 3.587 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

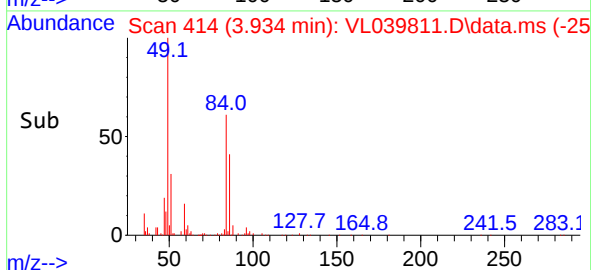
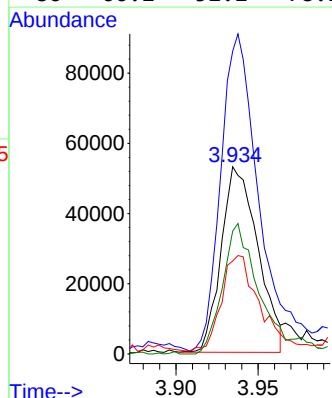
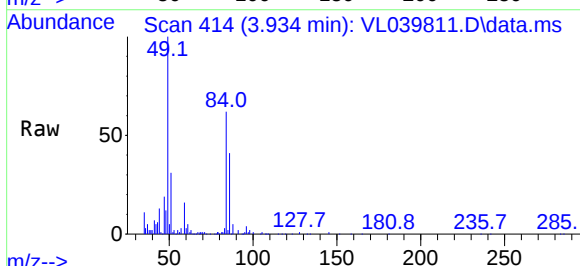
Instrument :
MSVOA_L
ClientSampleId :

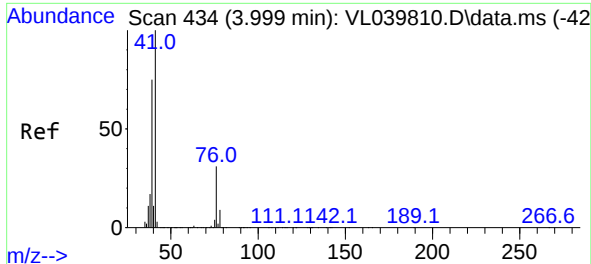
Tgt Ion: 45 Resp: 65885
Ion Ratio Lower Upper
45 100
58 0.0 38.3 57.5#



#20
Methylene Chloride
Concen: 1.639 ppbv
RT: 3.934 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 84 Resp: 82230
Ion Ratio Lower Upper
84 100
49 159.6 128.6 192.8
51 46.4 40.2 60.4
86 66.2 52.2 78.2





#21

Allyl Chloride

Concen: 1.916 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

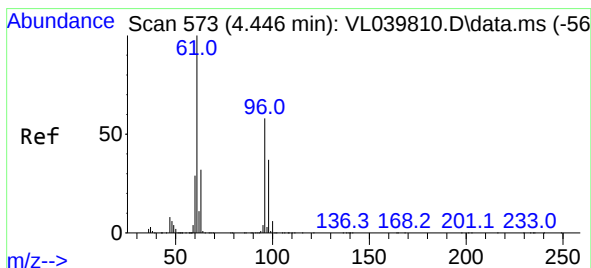
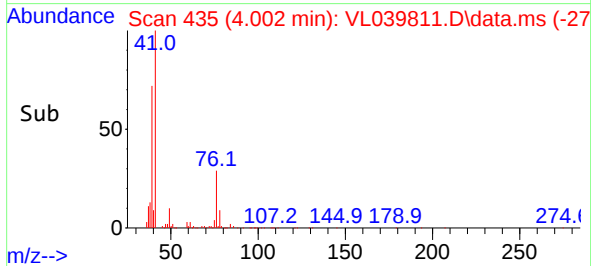
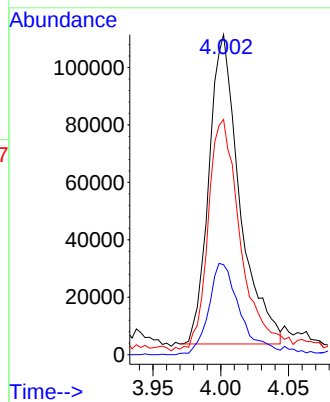
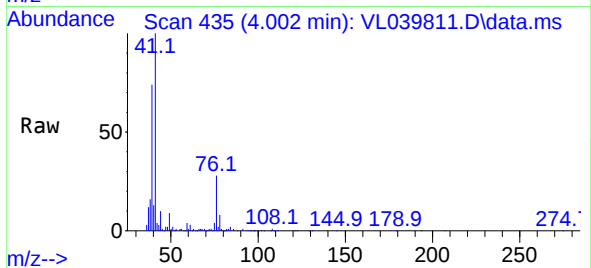
Tgt Ion: 41 Resp: 169925

Ion Ratio Lower Upper

41 100

76 31.9 24.1 36.1

39 83.2 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 1.883 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

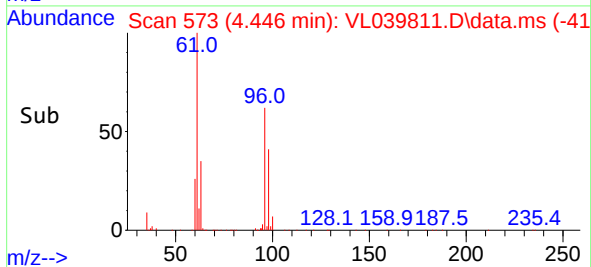
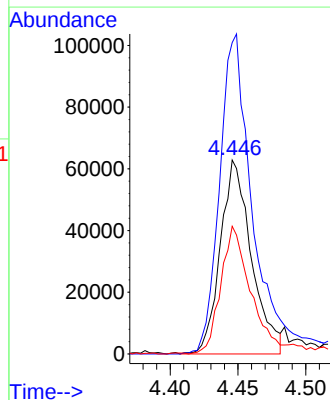
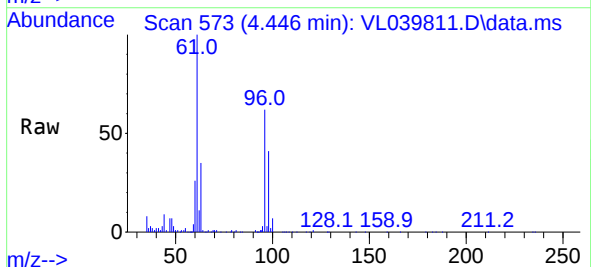
Tgt Ion: 96 Resp: 100396

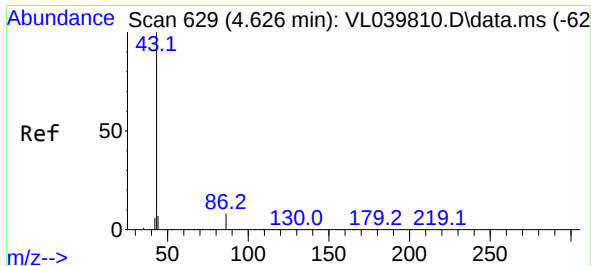
Ion Ratio Lower Upper

96 100

61 160.6 137.6 206.4

98 65.4 51.2 76.8





#23

Vinyl Acetate

Concen: 1.960 ppbv

RT: 4.629 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 109505

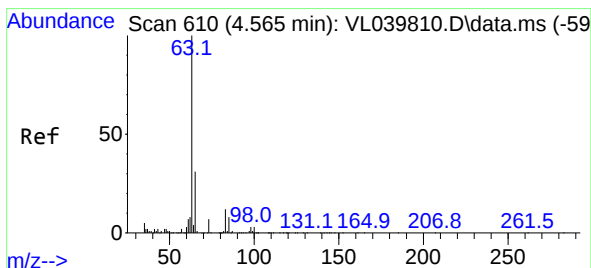
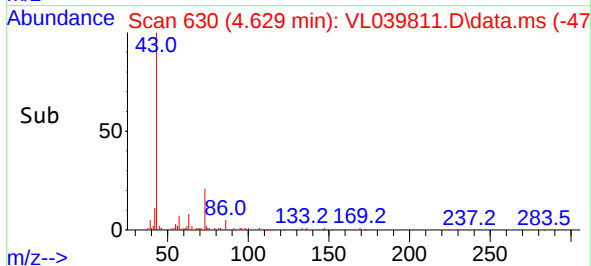
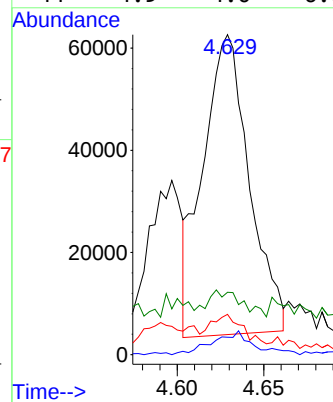
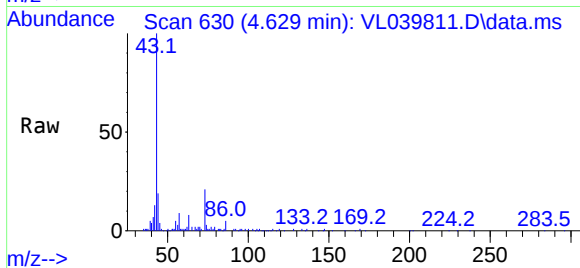
Ion Ratio Lower Upper

43 100

86 5.1 5.0 7.4

42 11.3 6.8 10.2#

44 4.9 4.0 6.0



#24

1,1-Dichloroethane

Concen: 1.976 ppbv

RT: 4.565 min Scan# 610

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

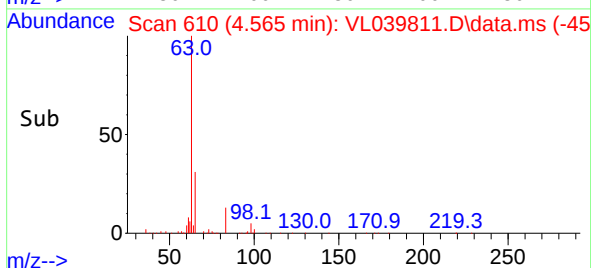
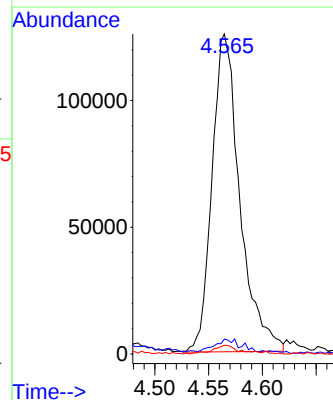
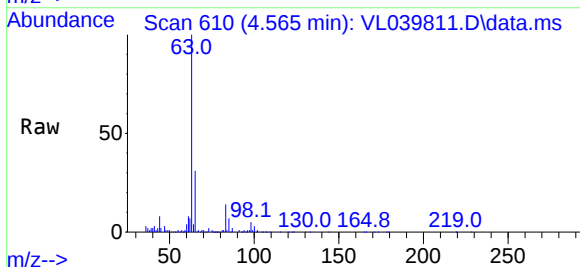
Tgt Ion: 63 Resp: 225486

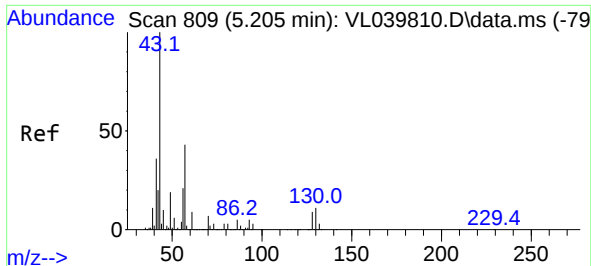
Ion Ratio Lower Upper

63 100

98 4.2 1.8 5.4

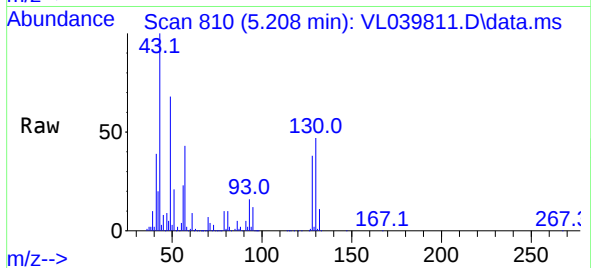
100 2.8 1.5 4.4





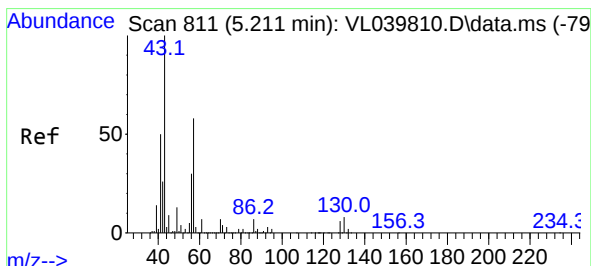
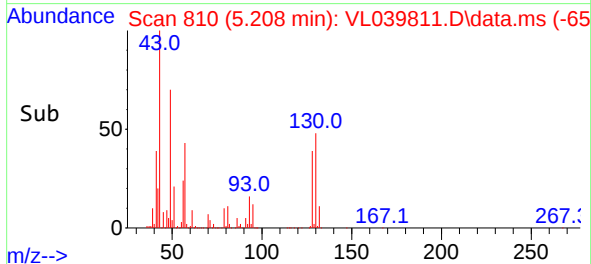
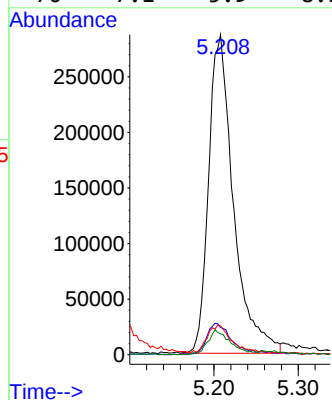
#25
Ethyl Acetate
Concen: 2.037 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 588267

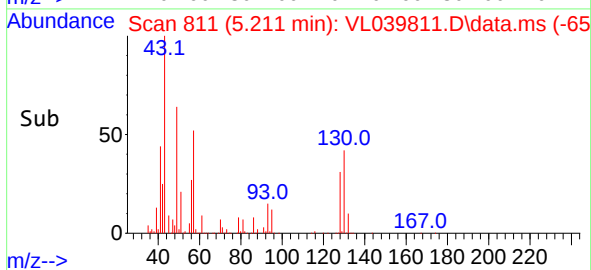
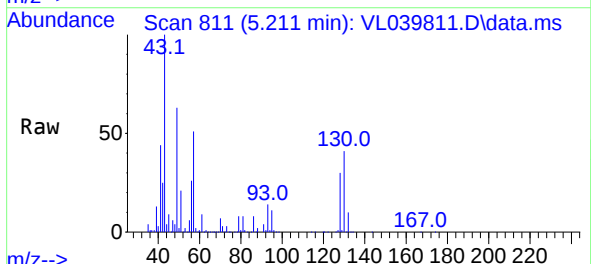
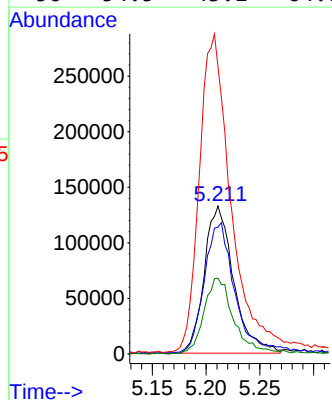
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.2
61	10.0	8.1	12.1
70	7.1	5.9	8.9

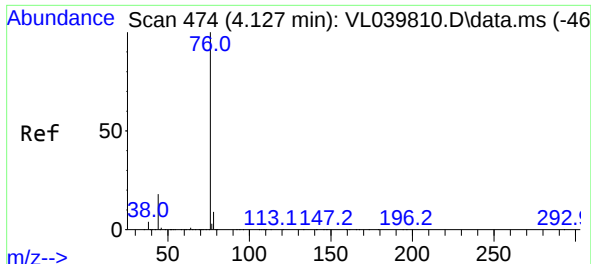


#26
Hexane
Concen: 1.956 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 57 Resp: 251843

Ion	Ratio	Lower	Upper
57	100		
41	94.1	73.7	110.5
43	241.9	189.8	284.8
56	54.5	43.1	64.7





#27

Carbon Disulfide

Concen: 1.943 ppbv

RT: 4.127 min Scan# 41

Delta R.T. 0.000 min

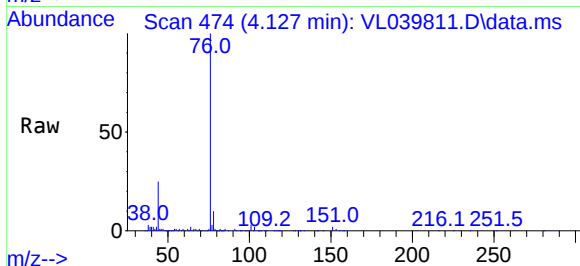
Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :



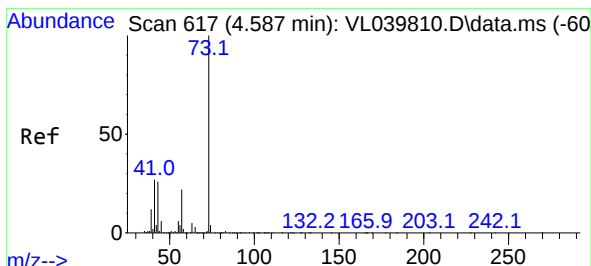
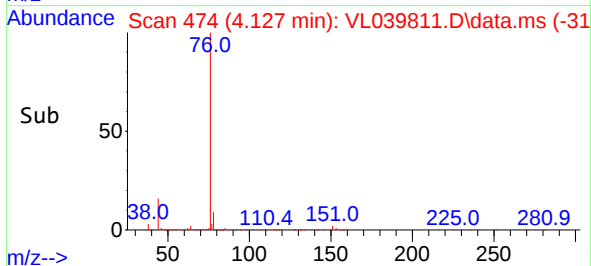
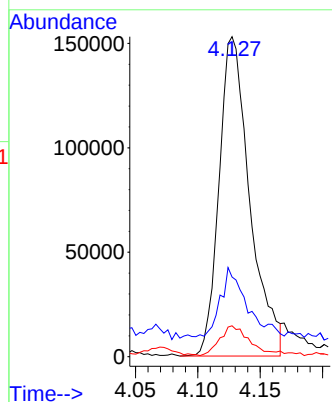
Tgt Ion: 76 Resp: 262809

Ion Ratio Lower Upper

76 100

44 20.1 14.6 22.0

78 9.8 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 1.964 ppbv

RT: 4.594 min Scan# 619

Delta R.T. 0.006 min

Lab File: VL039811.D

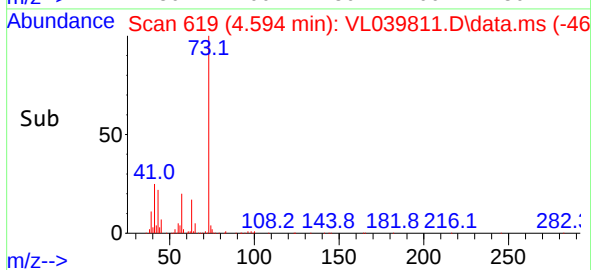
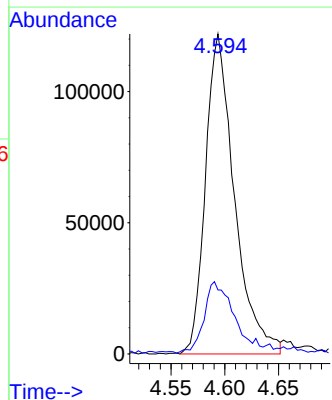
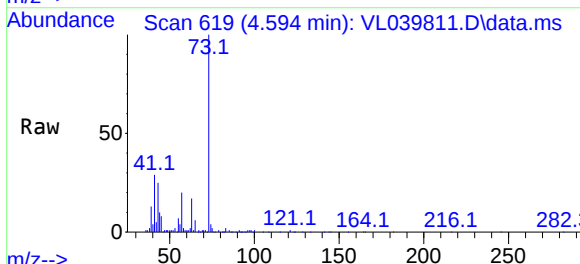
Acq: 2 Nov 2022 11:24

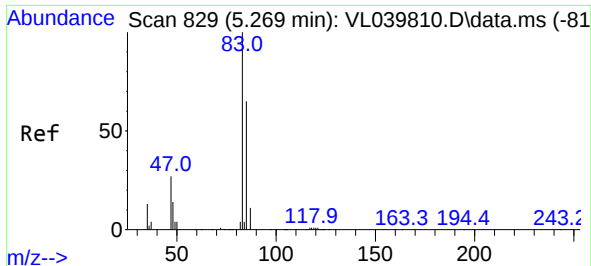
Tgt Ion: 73 Resp: 228913

Ion Ratio Lower Upper

73 100

57 24.9 19.4 29.2





#29

Chloroform

Concen: 1.992 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

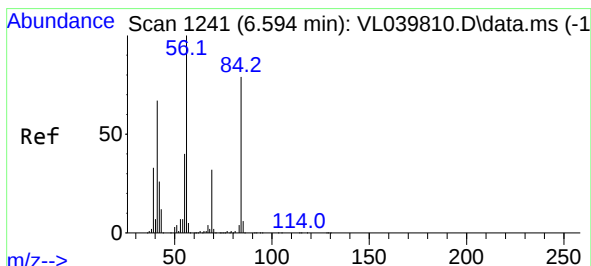
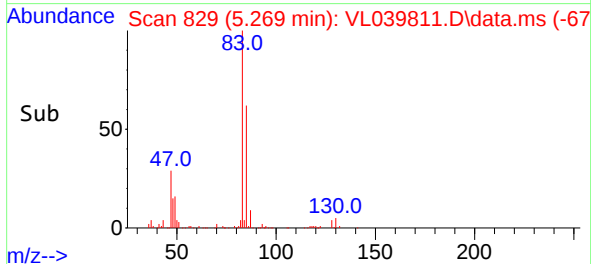
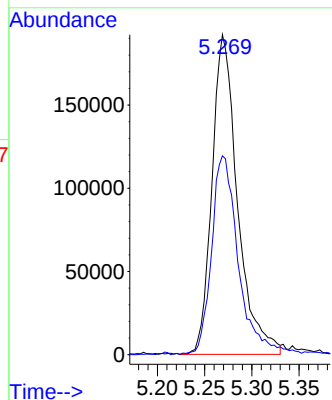
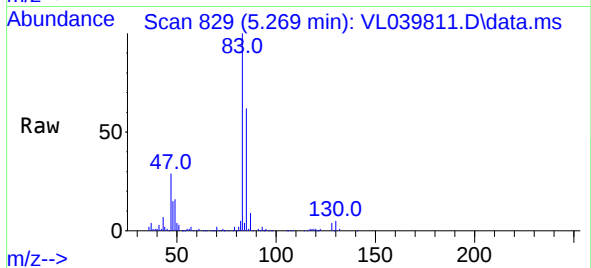
ClientSampleId :

Tgt Ion: 83 Resp: 360684

Ion Ratio Lower Upper

83 100

85 62.1 51.6 77.4



#30

Cyclohexane

Concen: 1.998 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

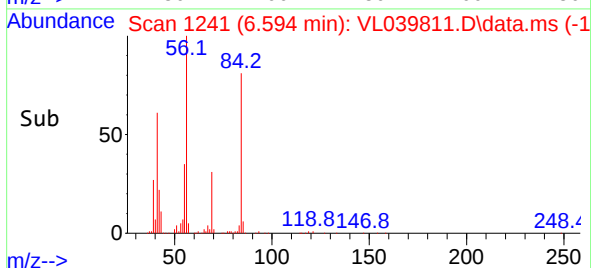
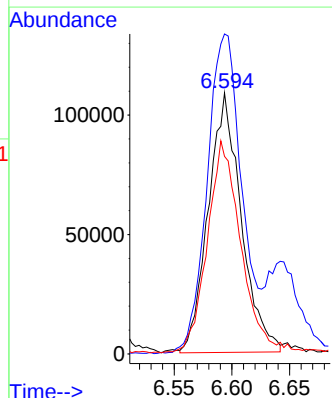
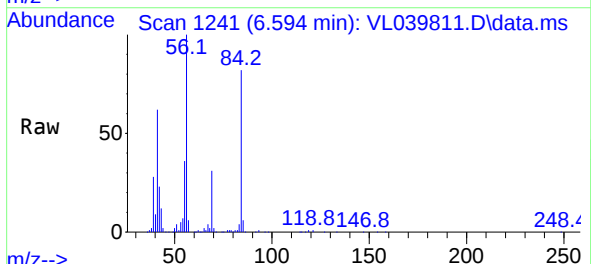
Tgt Ion: 84 Resp: 215213

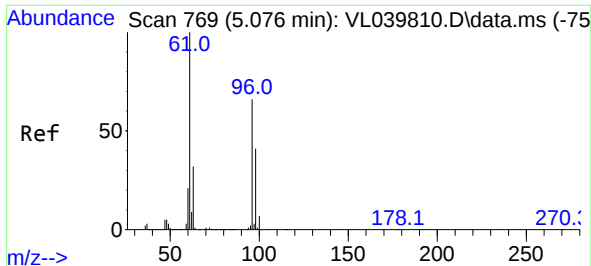
Ion Ratio Lower Upper

84 100

56 131.1 114.8 172.2

41 85.3 68.6 103.0

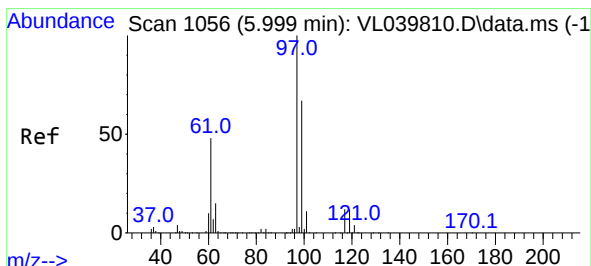
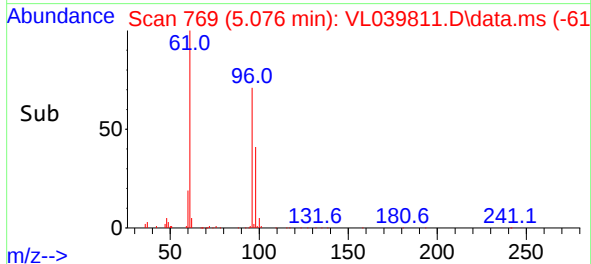
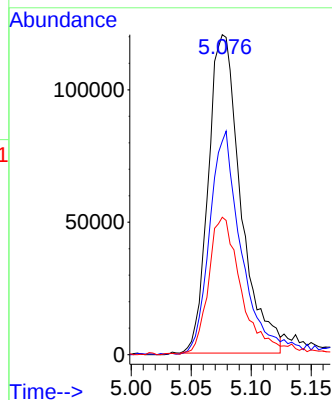
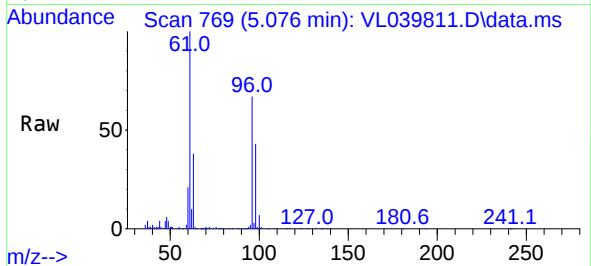




#31
 cis-1,2-Dichloroethene
 Concen: 1.927 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

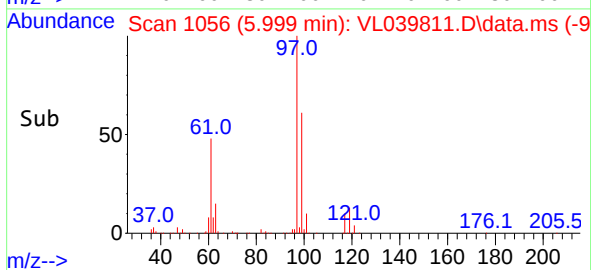
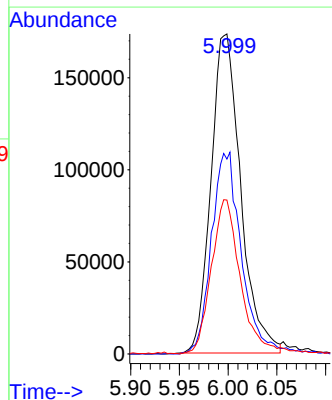
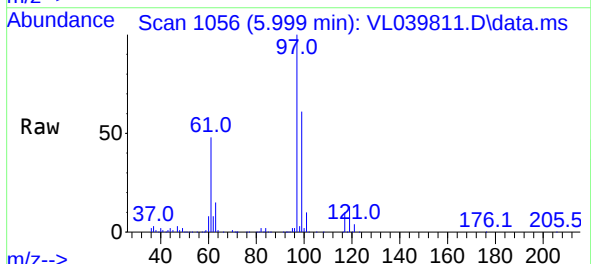
Instrument :
 MSVOA_L
 ClientSampleId :

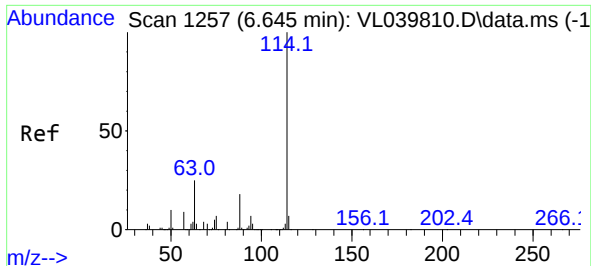
Tgt Ion: 61 Resp: 226246
 Ion Ratio Lower Upper
 61 100
 96 66.8 52.6 78.8
 98 43.0 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 2.041 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Tgt Ion: 97 Resp: 367854
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.7 79.1
 61 47.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

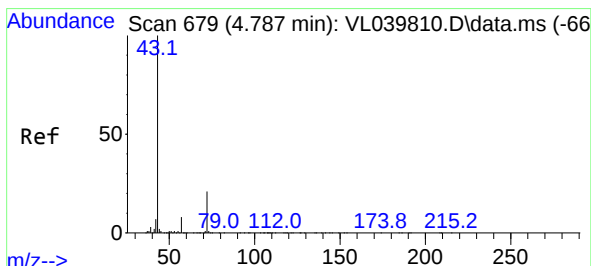
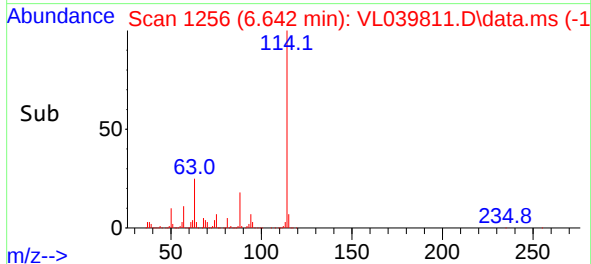
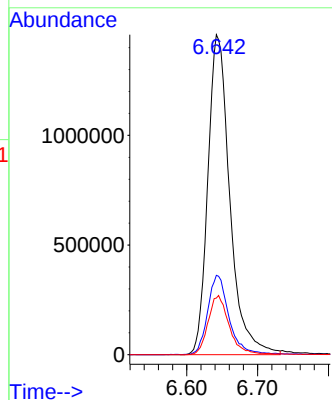
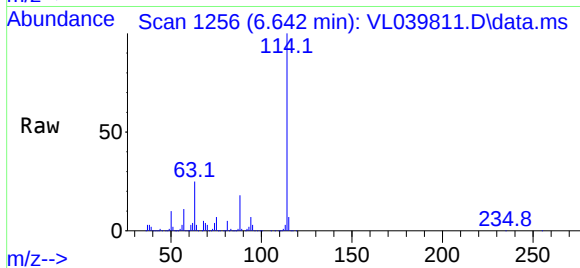
Tgt Ion:114 Resp: 3145031

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 1.982 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL039811.D

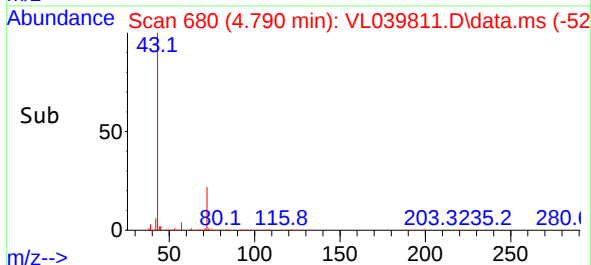
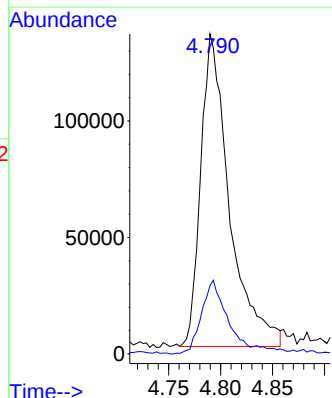
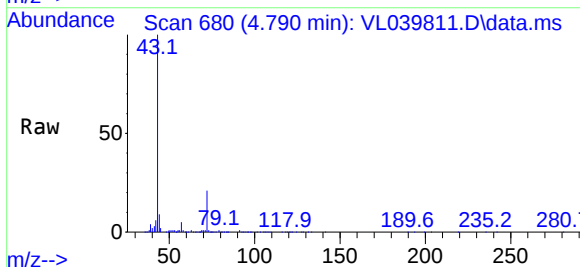
Acq: 2 Nov 2022 11:24

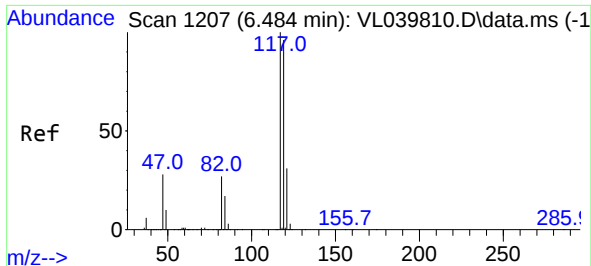
Tgt Ion: 43 Resp: 257178

Ion Ratio Lower Upper

43 100

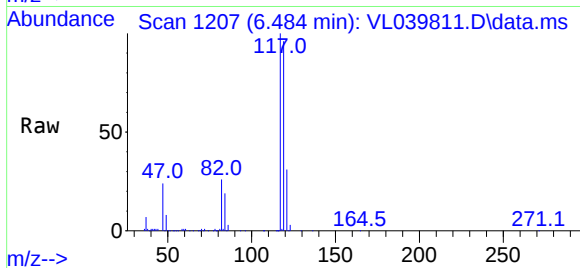
72 24.2 17.5 26.3



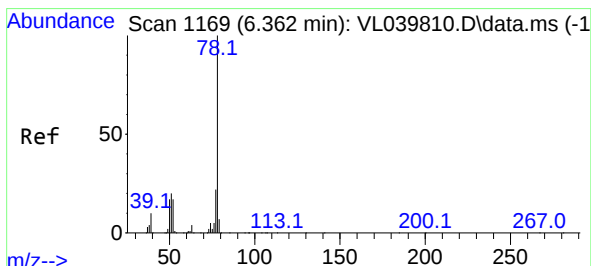
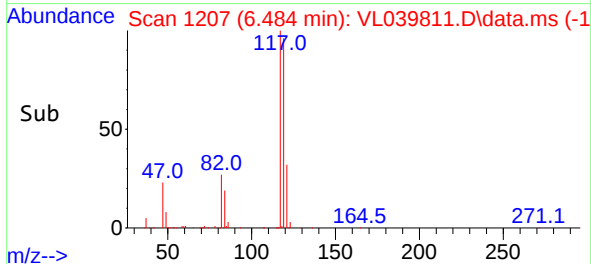
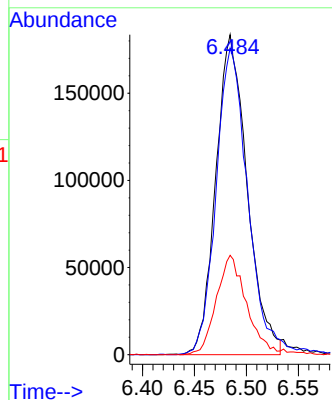


#35
Carbon Tetrachloride
Concen: 2.098 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

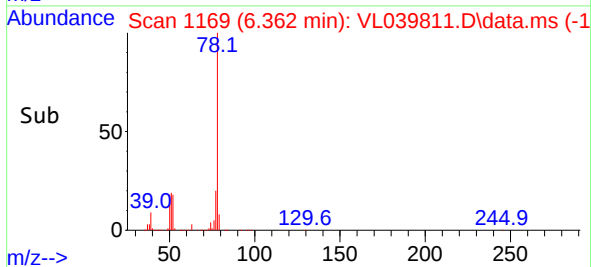
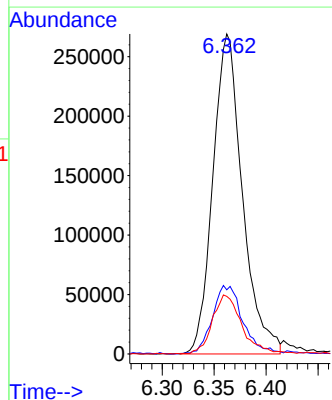
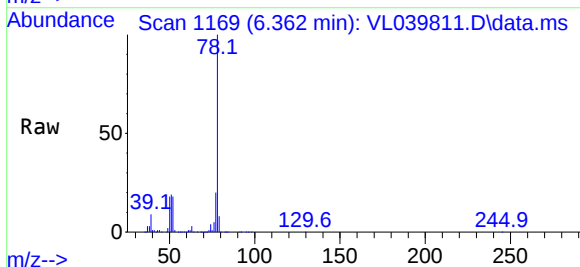


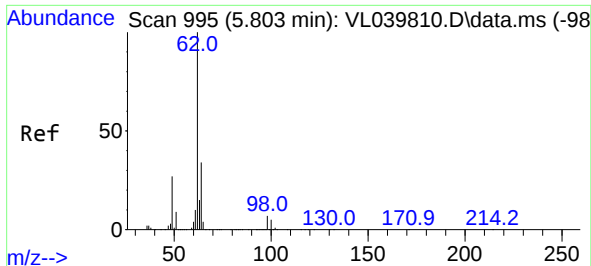
Tgt Ion:117 Resp: 384529
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 31.1 25.2 37.8



#36
Benzene
Concen: 2.003 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 78 Resp: 531425
Ion Ratio Lower Upper
78 100
77 19.9 17.4 26.2
50 17.9 13.9 20.9

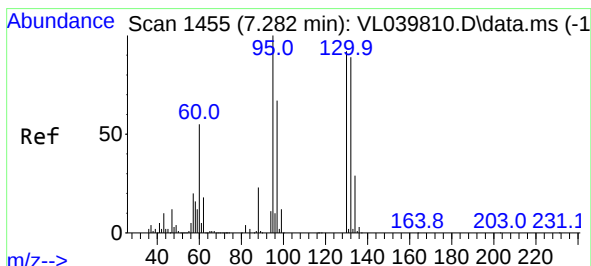
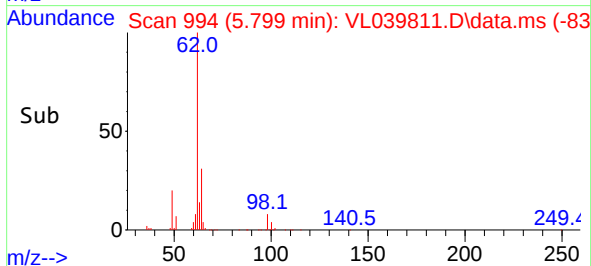
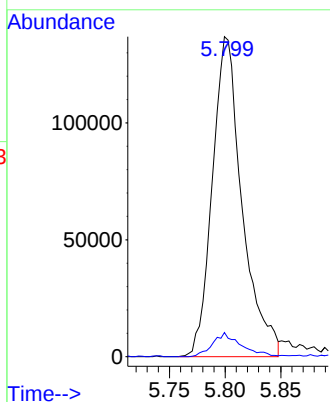
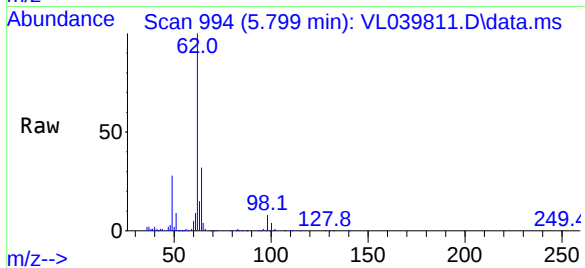




#37
1,2-Dichloroethane
Concen: 2.001 ppbv
RT: 5.799 min Scan# 994
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

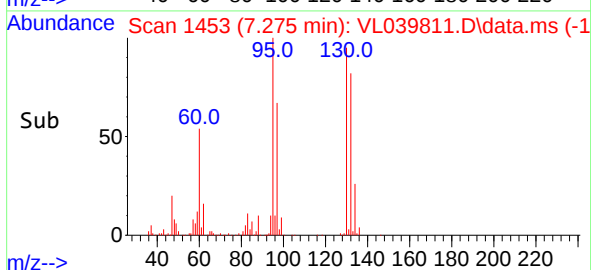
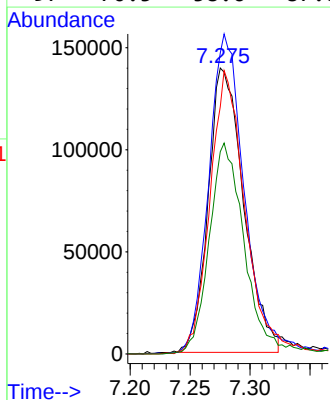
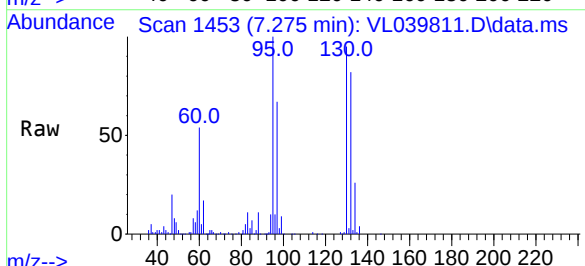
Instrument :
MSVOA_L
ClientSampleId :

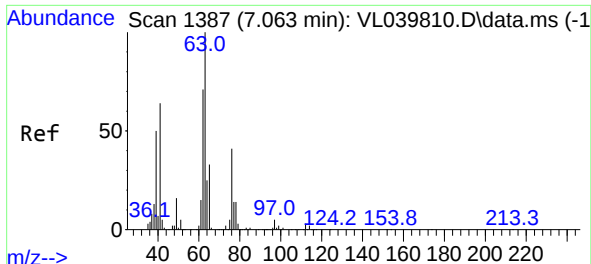
Tgt Ion: 62 Resp: 254659
Ion Ratio Lower Upper
62 100
98 7.7 5.4 8.2



#38
Trichloroethene
Concen: 1.964 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:130 Resp: 286251
Ion Ratio Lower Upper
130 100
95 105.3 87.4 131.2
132 86.1 77.7 116.5
97 70.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 1.153 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

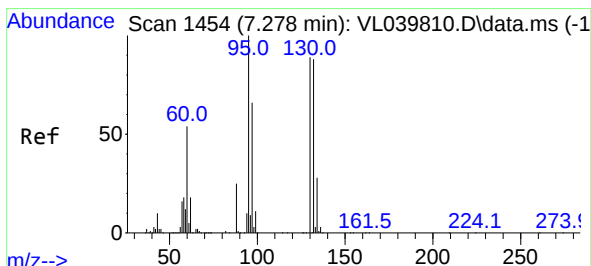
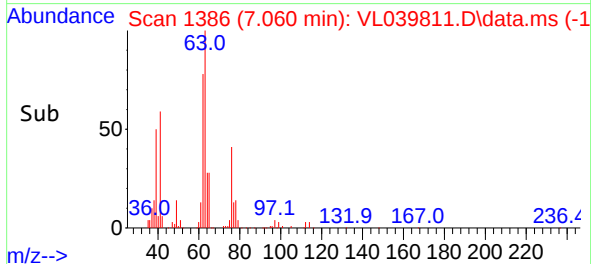
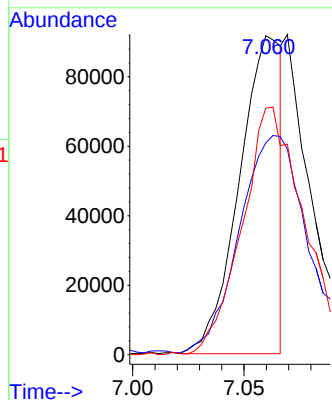
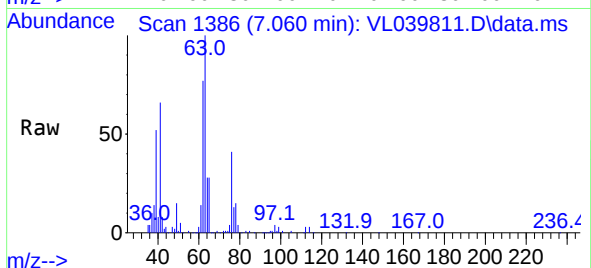
Tgt Ion: 63 Resp: 119196

Ion Ratio Lower Upper

63 100

41 66.0 51.0 76.4

62 77.1 56.6 85.0



#40

1,4-Dioxane

Concen: 0.954 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.013 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Tgt Ion: 88 Resp: 37779

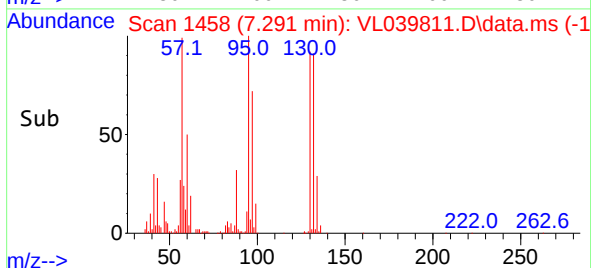
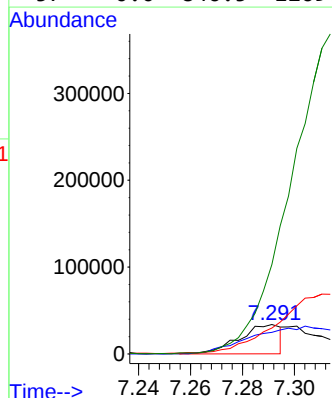
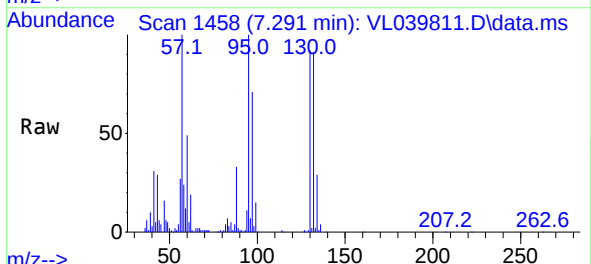
Ion Ratio Lower Upper

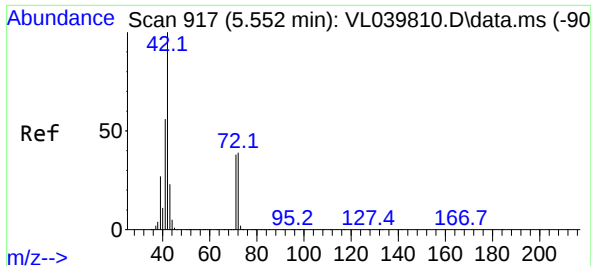
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

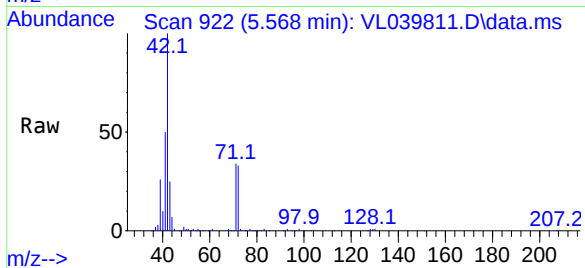
57 0.0 846.5 1269.7#



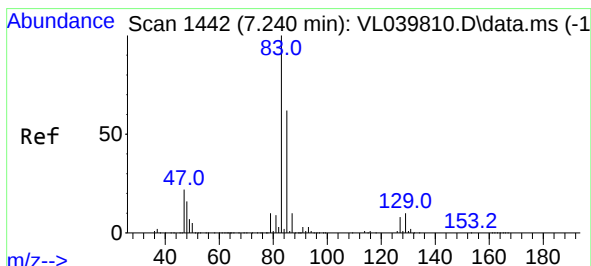
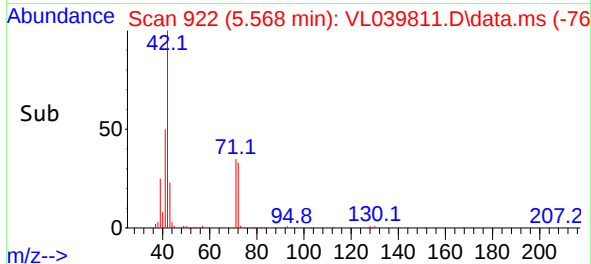
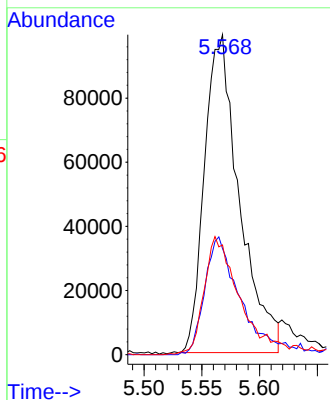


#41
Tetrahydrofuran
Concen: 1.917 ppbv
RT: 5.568 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

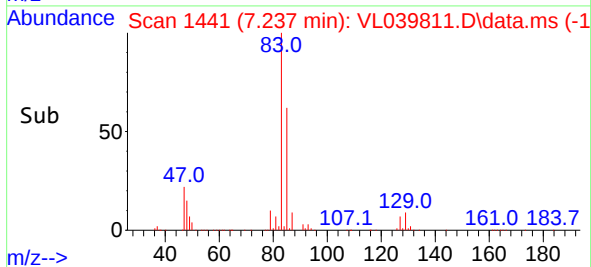
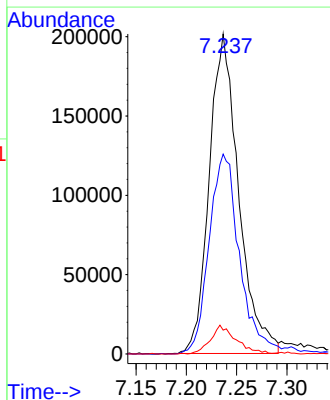
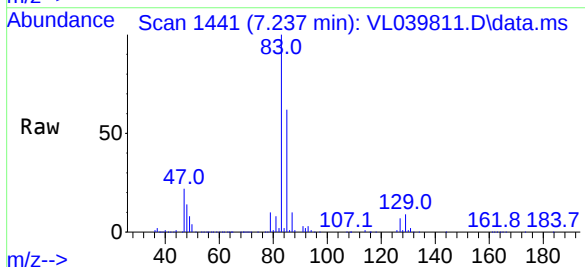


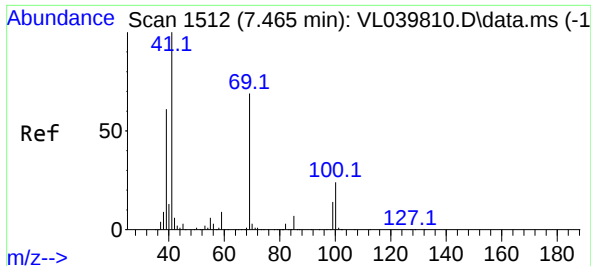
Tgt Ion: 42 Resp: 207862
Ion Ratio Lower Upper
42 100
72 39.7 31.4 47.2
71 40.7 31.5 47.3



#42
Bromodichloromethane
Concen: 2.018 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 83 Resp: 410193
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 7.5 6.4 9.6

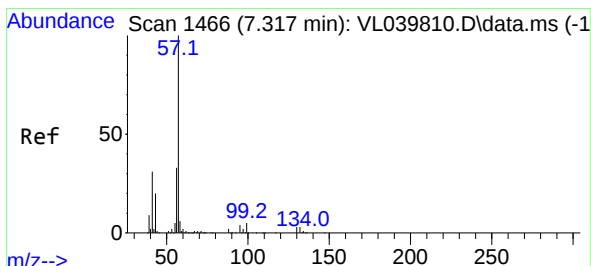
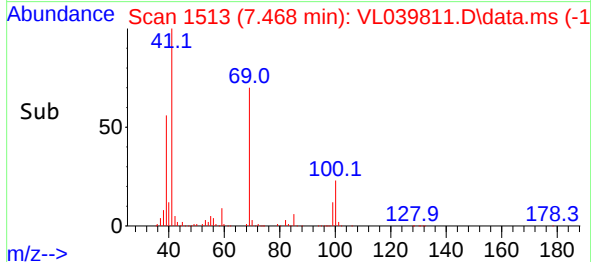
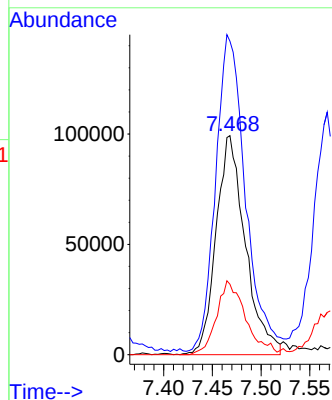
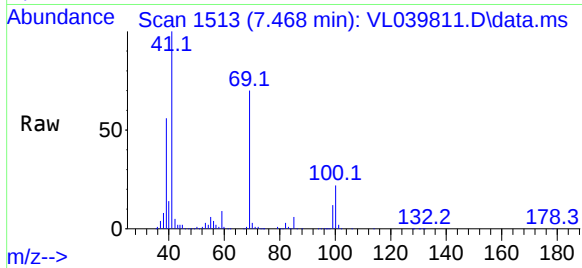




#43
Methyl Methacrylate
Concen: 1.974 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

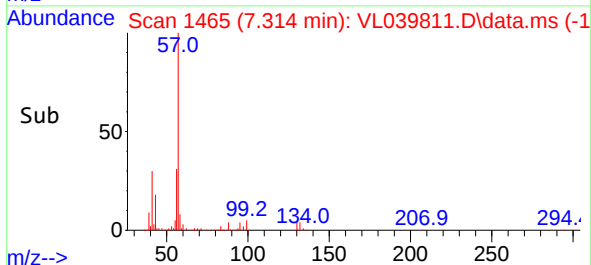
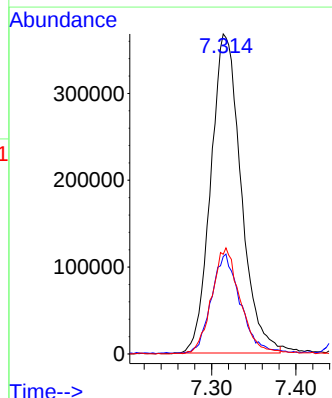
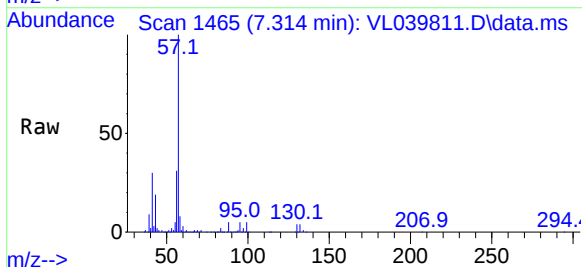
Instrument :
MSVOA_L
ClientSampleId :

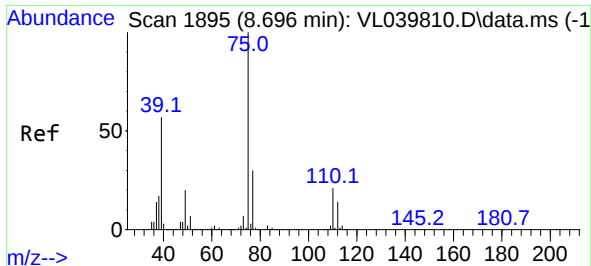
Tgt Ion: 69 Resp: 206917
Ion Ratio Lower Upper
69 100
41 149.6 115.7 173.5
100 34.1 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 2.042 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 57 Resp: 914566
Ion Ratio Lower Upper
57 100
41 30.3 24.6 36.8
56 31.7 25.4 38.0

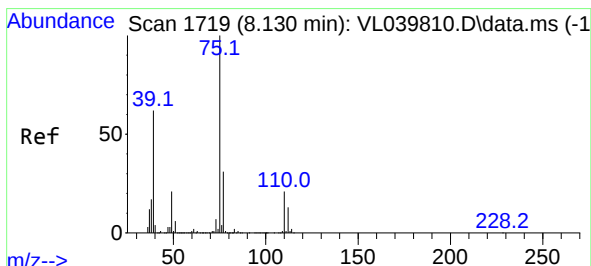
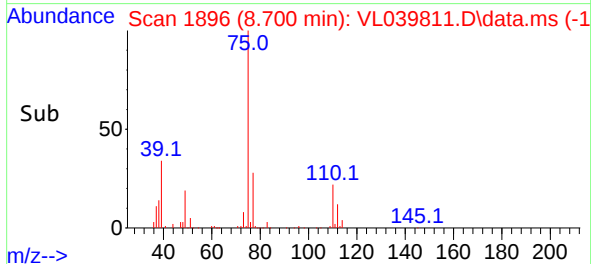
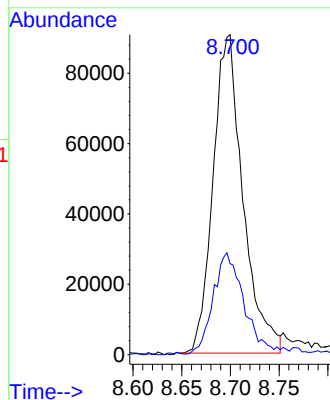
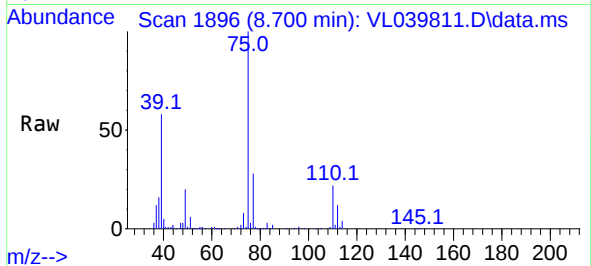




#45
t-1,3-Dichloropropene
Concen: 1.921 ppbv
RT: 8.700 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

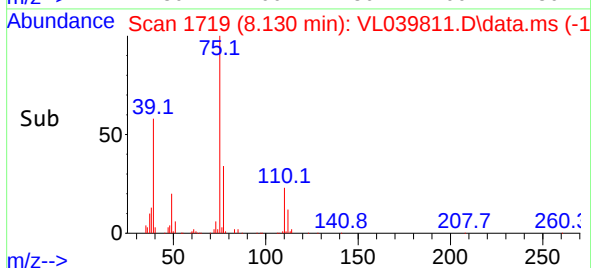
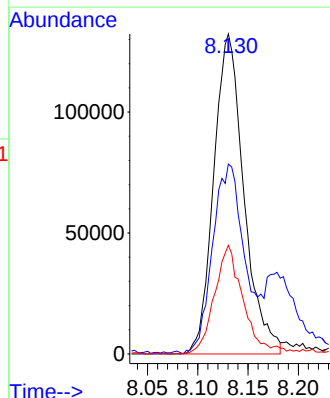
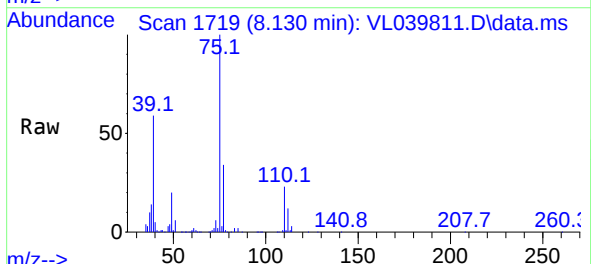
Instrument :
MSVOA_L
ClientSampleId :

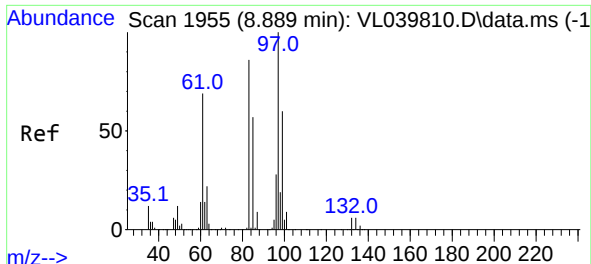
Tgt Ion: 75 Resp: 192944
Ion Ratio Lower Upper
75 100
77 28.4 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 2.012 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 75 Resp: 275876
Ion Ratio Lower Upper
75 100
39 58.8 50.0 75.0
77 33.9 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 1.973 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 206551

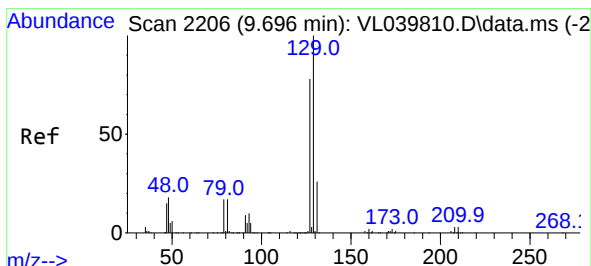
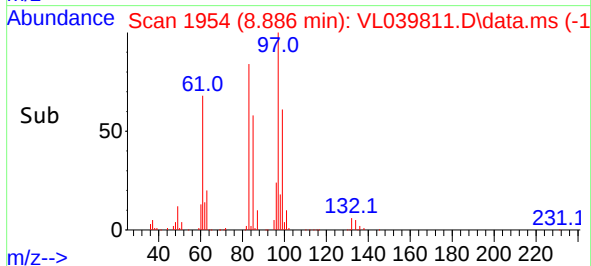
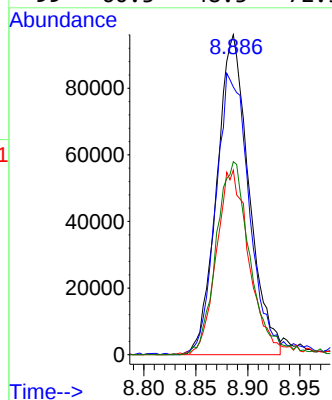
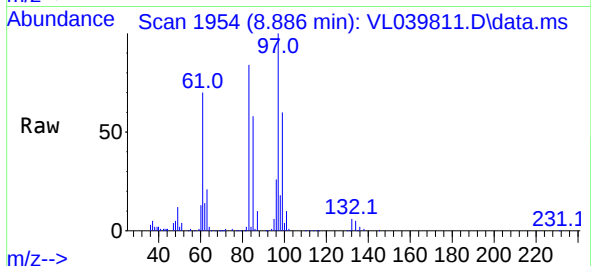
Ion Ratio Lower Upper

97 100

83 83.6 68.8 103.2

85 57.1 45.8 68.6

99 60.3 48.3 72.5



#48

Dibromochloromethane

Concen: 2.059 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.003 min

Lab File: VL039811.D

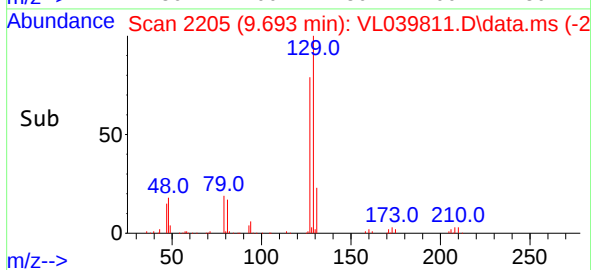
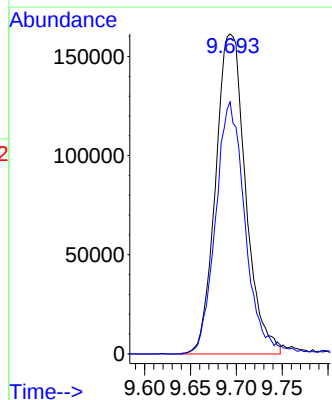
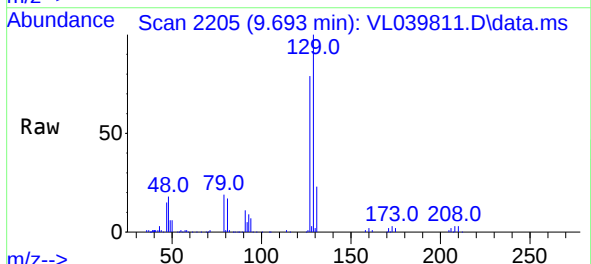
Acq: 2 Nov 2022 11:24

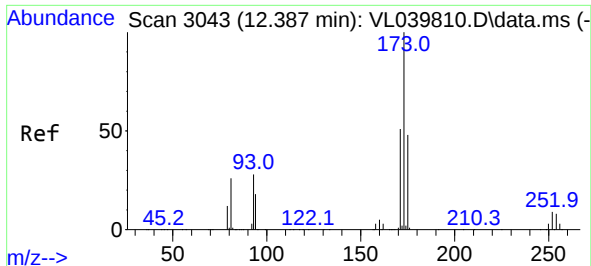
Tgt Ion: 129 Resp: 367232

Ion Ratio Lower Upper

129 100

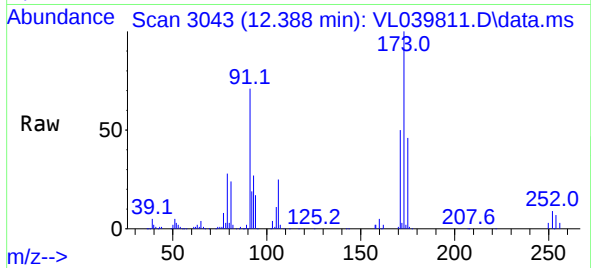
127 78.0 39.4 118.1



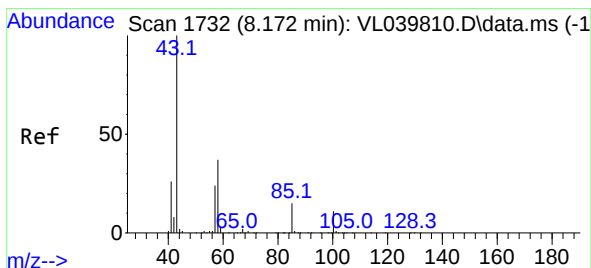
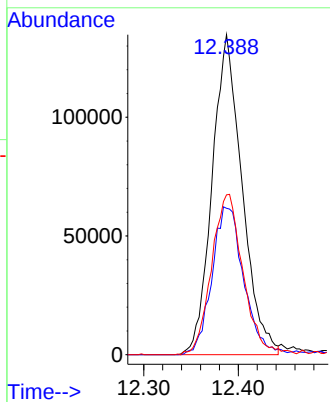
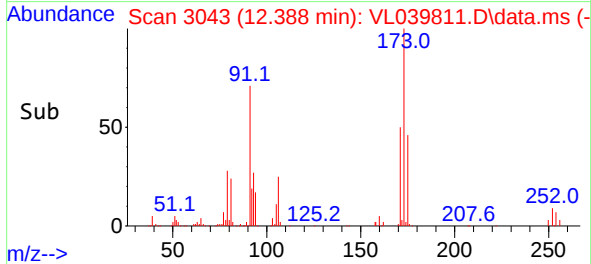


#49
Bromoform
Concen: 2.070 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

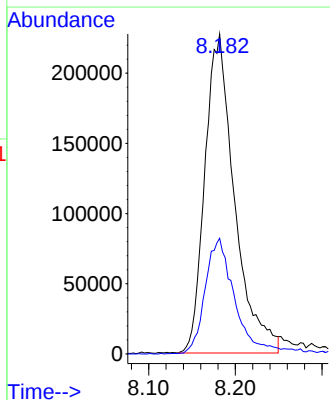
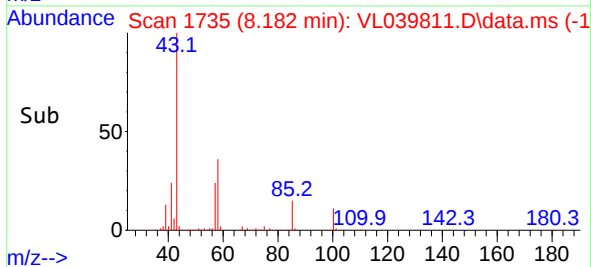
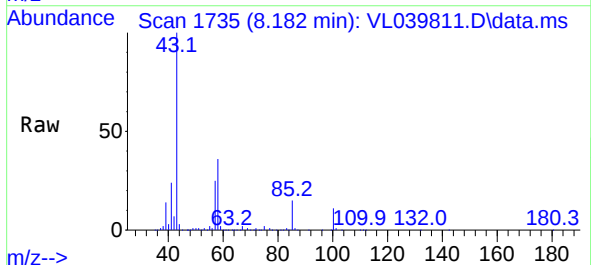


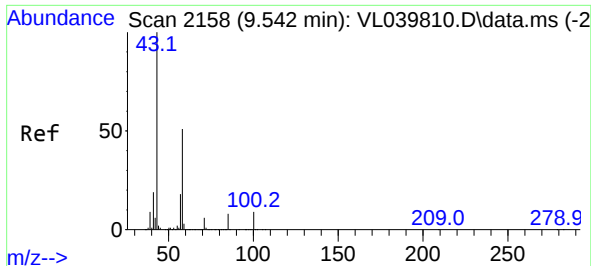
Tgt Ion:173 Resp: 296743
Ion Ratio Lower Upper
173 100
175 50.2 39.7 59.5
171 53.0 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 2.040 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.010 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 43 Resp: 541866
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.6

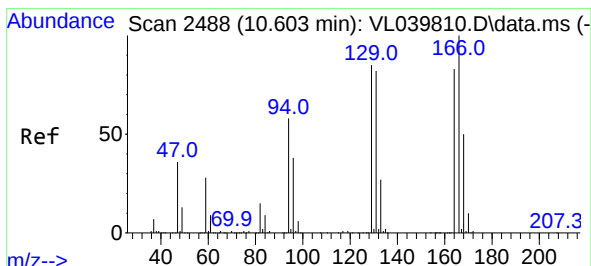
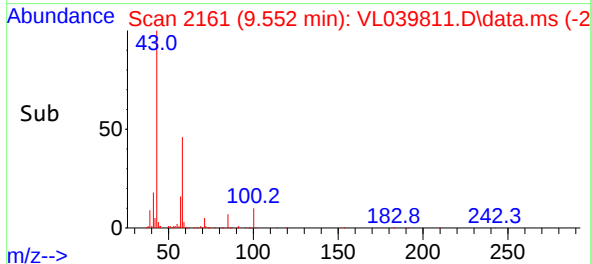
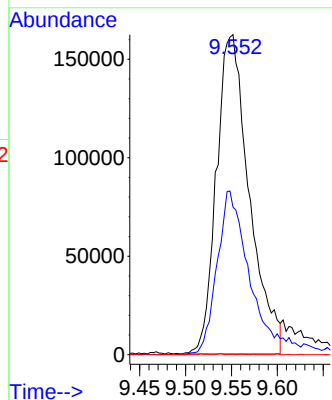
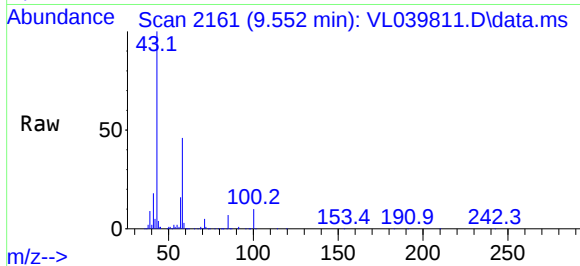




#51
2-Hexanone
Concen: 1.948 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

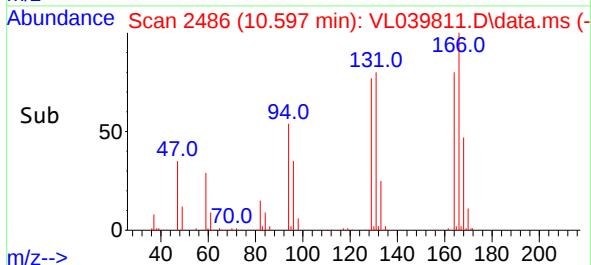
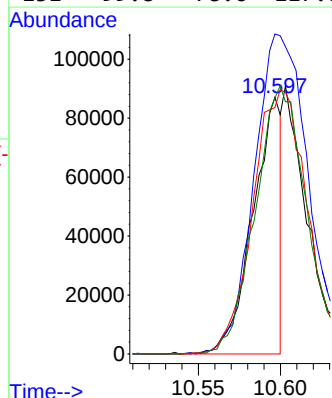
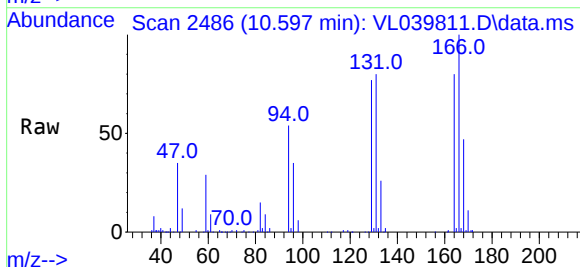
Instrument :
MSVOA_L
ClientSampleId :

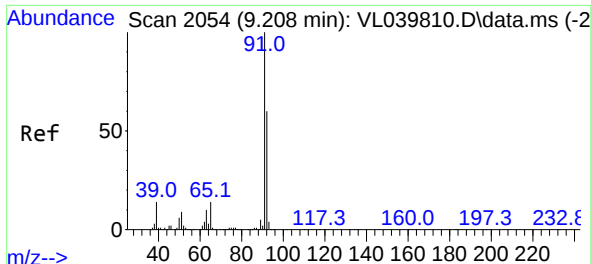
Tgt Ion: 43 Resp: 403462
Ion Ratio Lower Upper
43 100
58 54.9 40.5 60.7
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 1.042 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:164 Resp: 104412
Ion Ratio Lower Upper
164 100
166 124.7 96.0 144.0
129 96.1 81.4 122.2
131 99.8 78.6 117.8

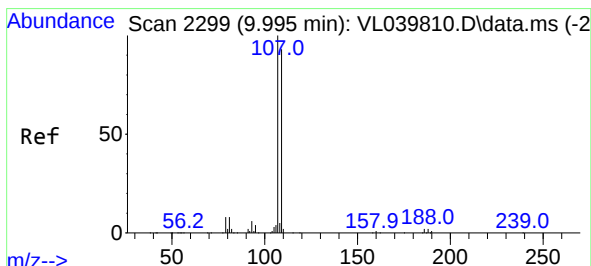
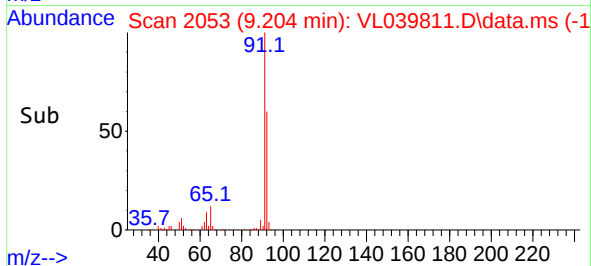
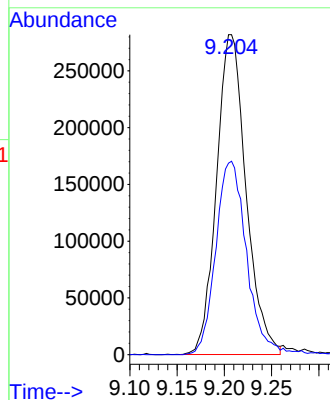
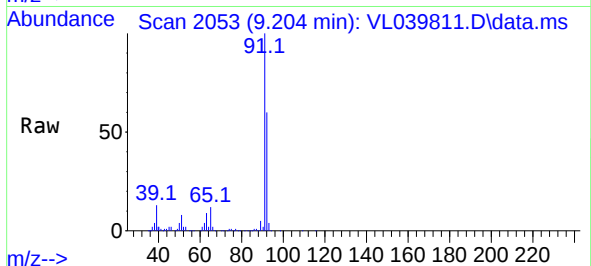




#53
Toluene
Concen: 2.013 ppbv
RT: 9.204 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

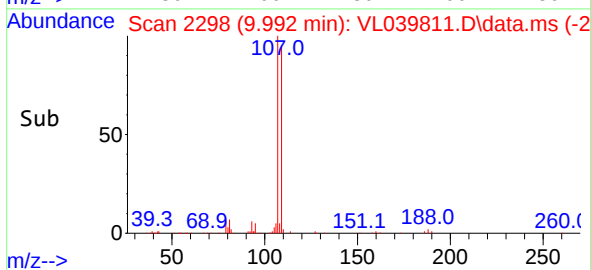
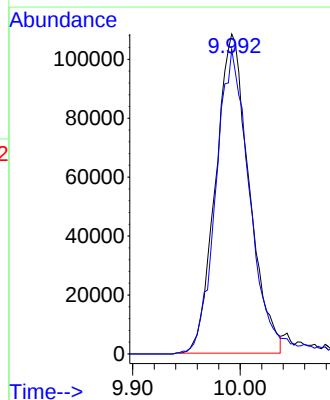
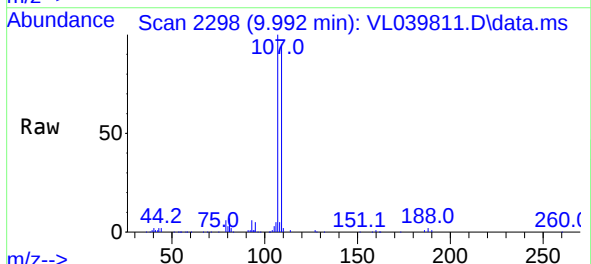
Instrument : MSVOA_L
ClientSampleId :

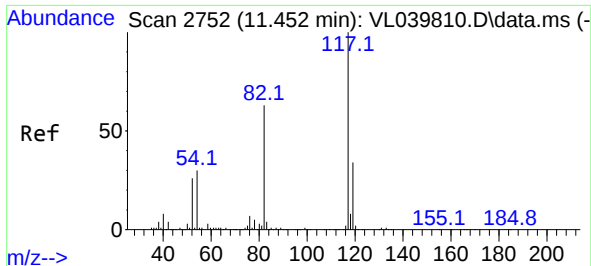
Tgt Ion: 91 Resp: 612712
Ion Ratio Lower Upper
91 100
92 63.4 49.6 74.4



#54
1,2-Dibromoethane
Concen: 2.016 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

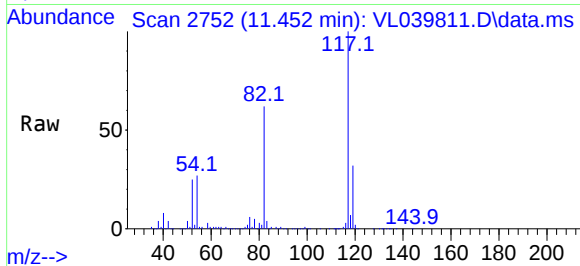
Tgt Ion: 107 Resp: 234173
Ion Ratio Lower Upper
107 100
109 94.9 74.5 111.7



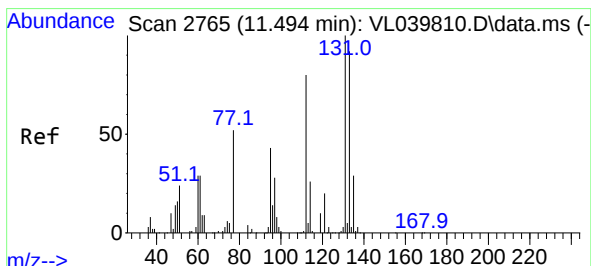
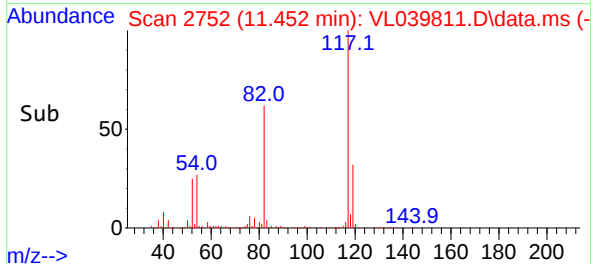
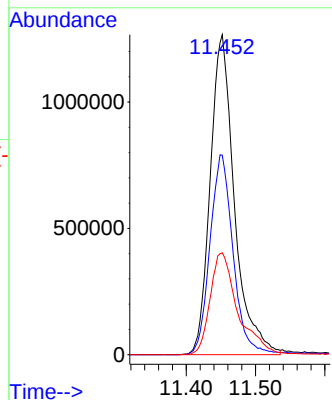


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

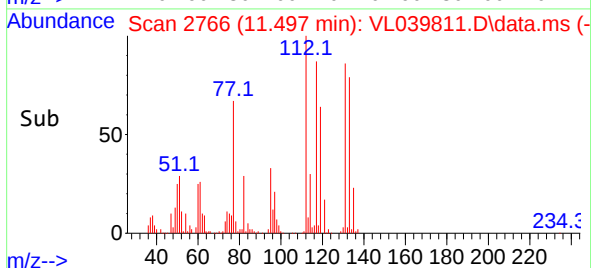
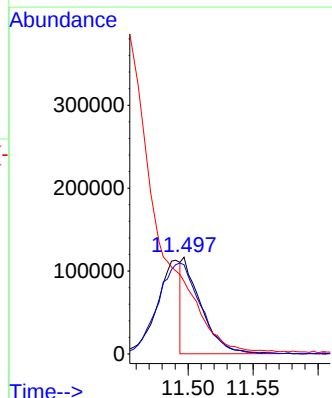
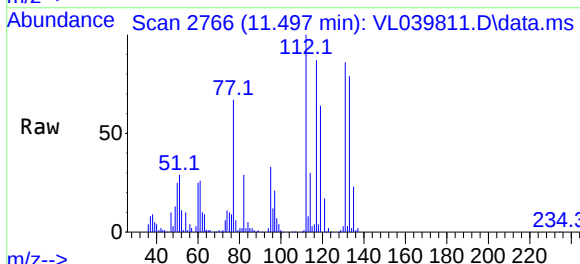


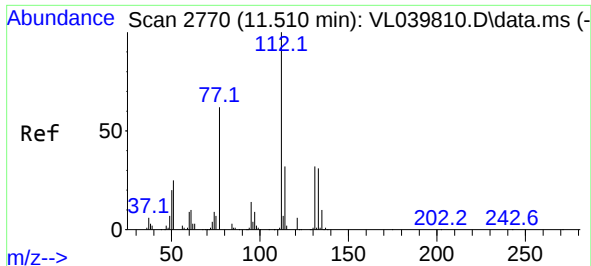
Tgt Ion:117 Resp: 3072215
Ion Ratio Lower Upper
117 100
82 60.9 51.0 76.6
119 36.8 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.891 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:131 Resp: 117014
Ion Ratio Lower Upper
131 100
133 217.2 76.9 115.3#
119 0.0 52.2 78.2#

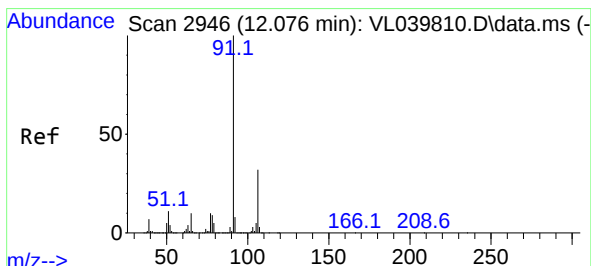
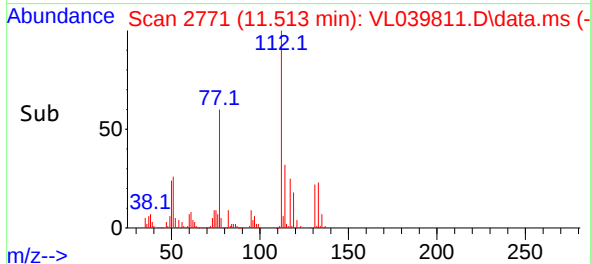
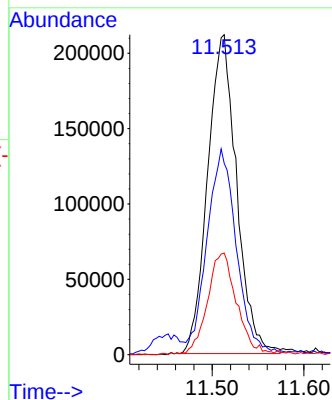
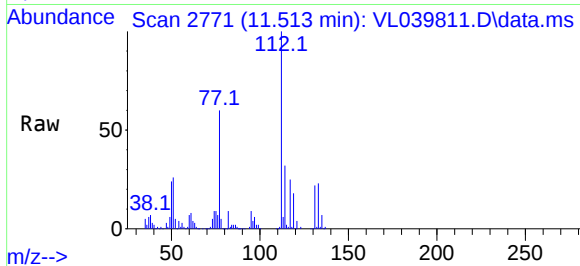




#57
Chlorobenzene
Concen: 1.990 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

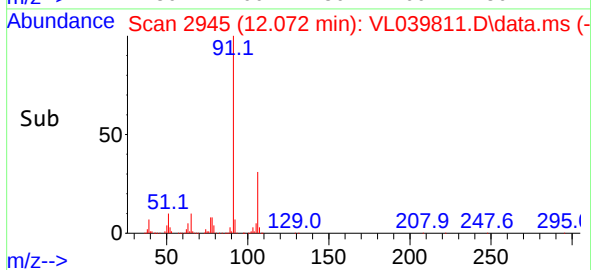
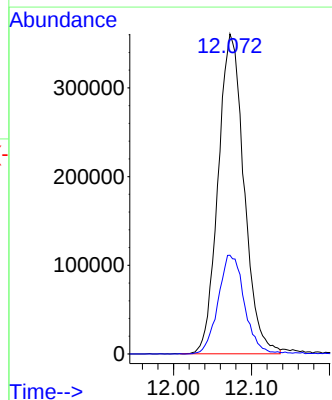
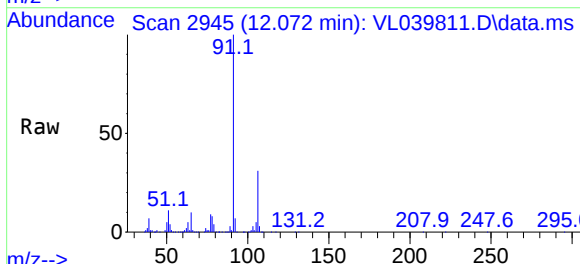
Instrument :
MSVOA_L
ClientSampleId :

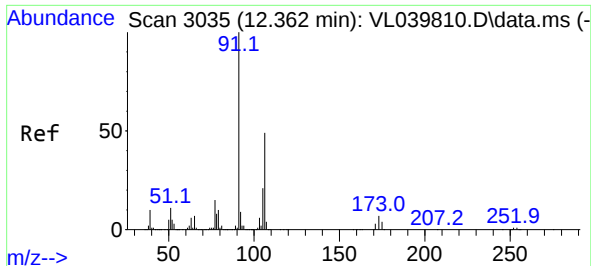
Tgt Ion:112 Resp: 463757
Ion Ratio Lower Upper
112 100
77 58.9 49.8 74.6
114 31.6 29.0 35.4



#58
Ethyl Benzene
Concen: 2.007 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 91 Resp: 833574
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9





#59

m/p-Xylene

Concen: 2.149 ppbv

RT: 12.359 min Scan# 3035

Delta R.T. -0.003 min

Lab File: VL039811.D

Acq: 2 Nov 2022 11:24

Instrument :

MSVOA_L

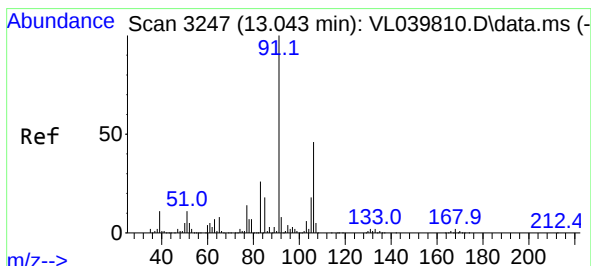
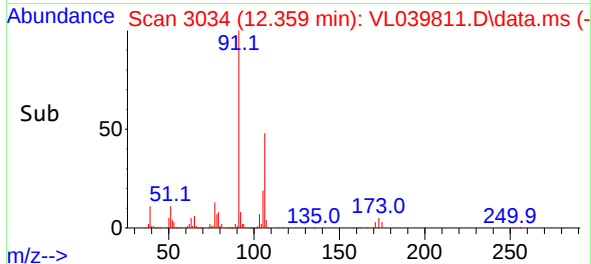
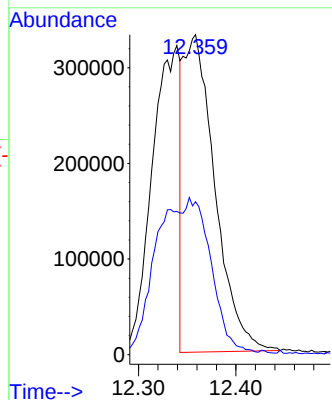
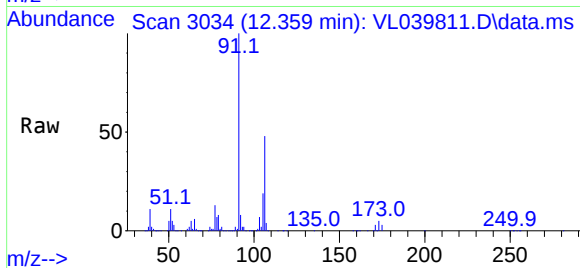
ClientSampleId :

Tgt Ion: 91 Resp: 745127

Ion Ratio Lower Upper

91 100

106 86.5 37.6 56.4#



#60

o-Xylene

Concen: 2.011 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. 0.000 min

Lab File: VL039811.D

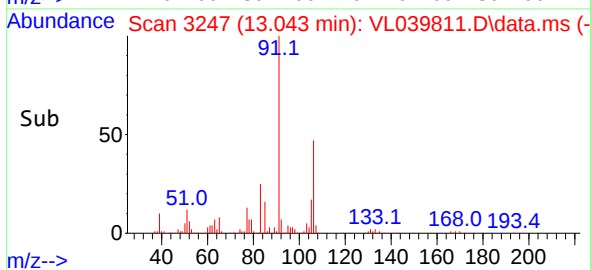
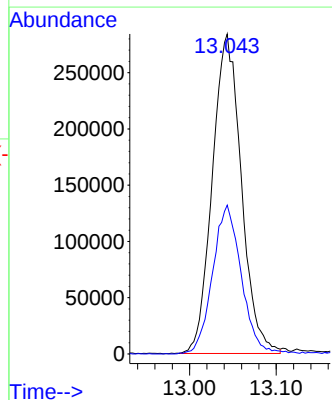
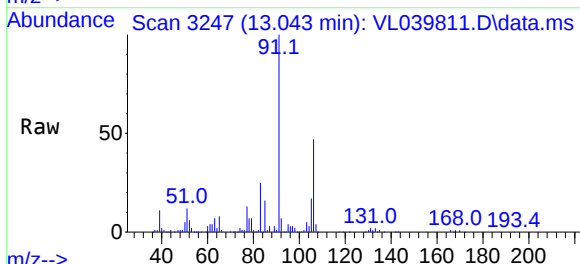
Acq: 2 Nov 2022 11:24

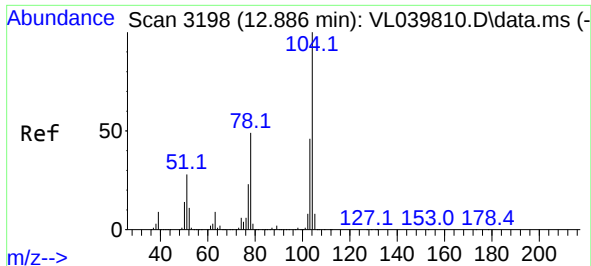
Tgt Ion: 91 Resp: 660673

Ion Ratio Lower Upper

91 100

106 46.9 23.6 70.8

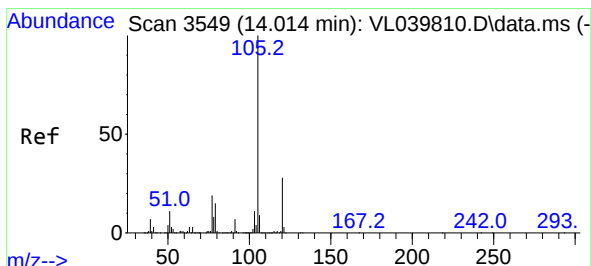
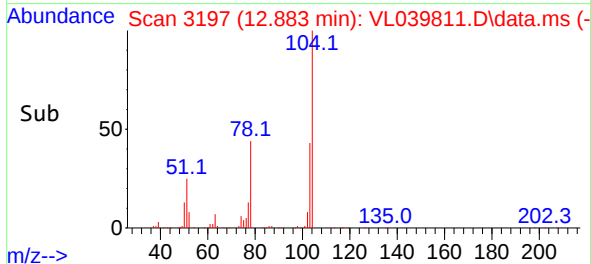
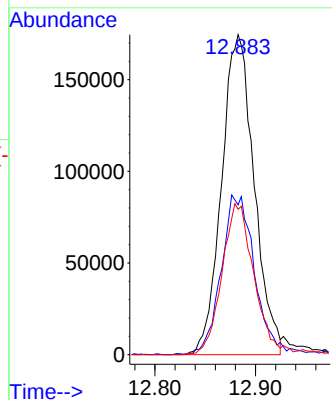
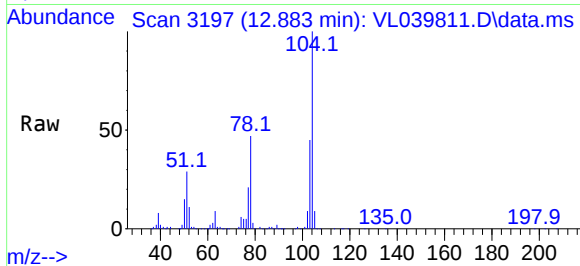




#61
Styrene
Concen: 1.941 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

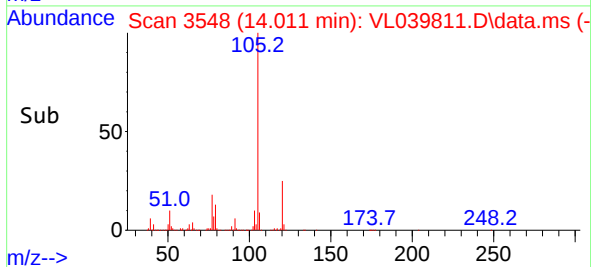
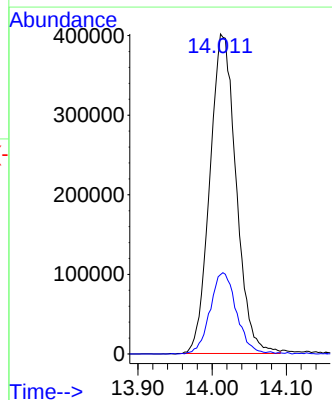
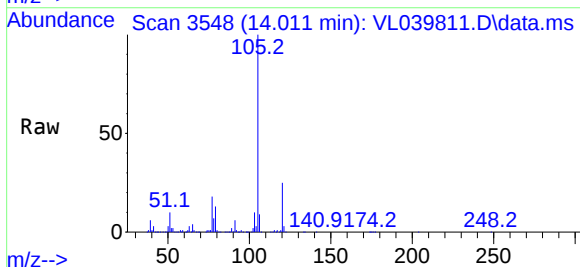
Instrument :
MSVOA_L
ClientSampleId :

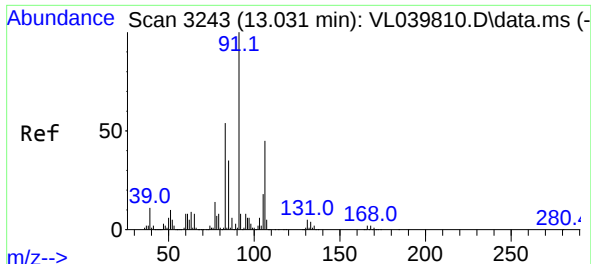
Tgt Ion:104 Resp: 392333
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.2
103 47.3 37.5 56.3



#62
Isopropylbenzene
Concen: 2.064 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

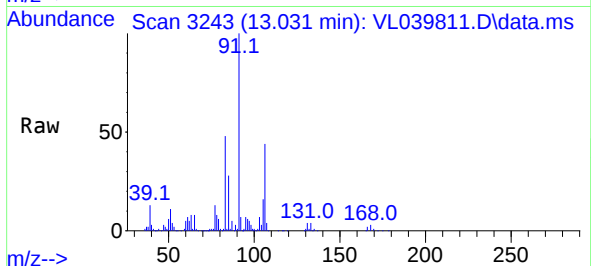
Tgt Ion:105 Resp: 988902
Ion Ratio Lower Upper
105 100
120 25.9 21.7 32.5



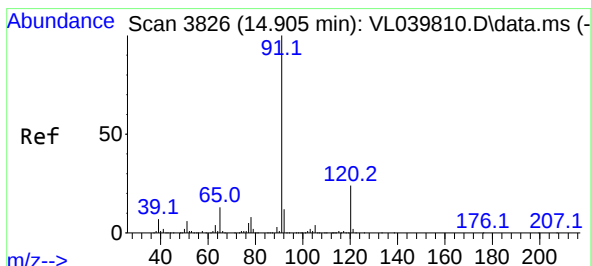
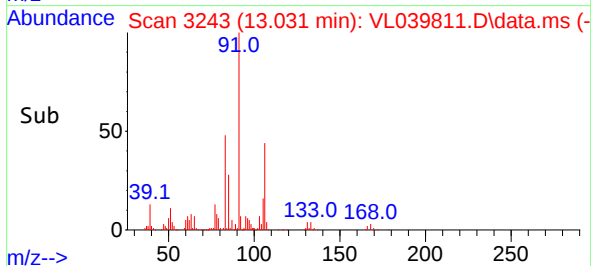
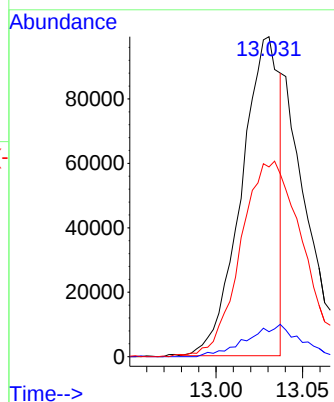


#63
1,1,2,2-Tetrachloroethane
Concen: 1.238 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

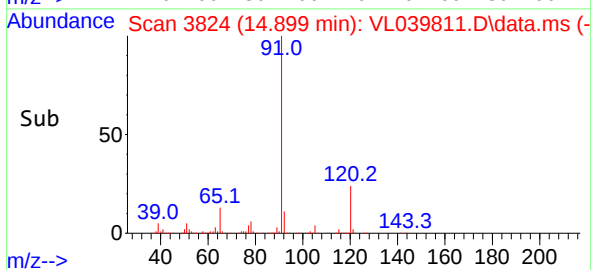
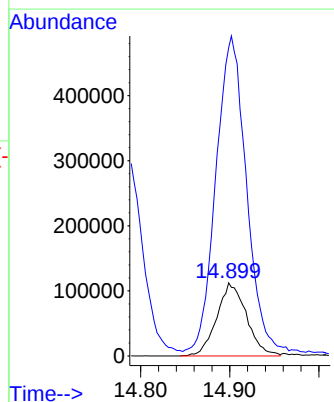
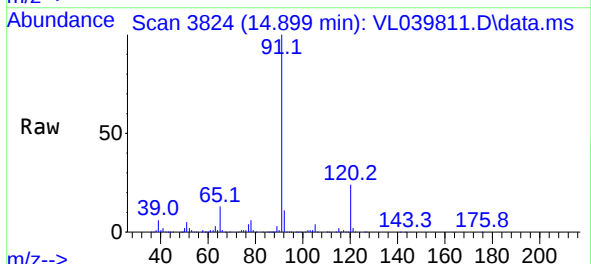


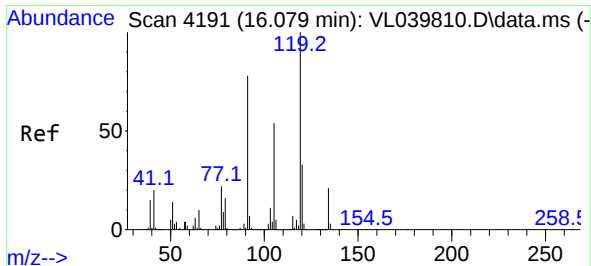
Tgt Ion: 83 Resp: 151493
Ion Ratio Lower Upper
83 100
131 15.2 4.6 13.8#
85 103.5 33.3 99.9#



#64
n-propylbenzene
Concen: 2.024 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

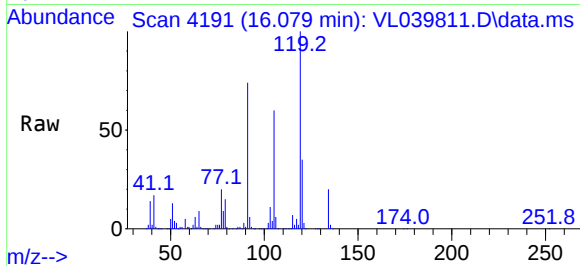
Tgt Ion: 120 Resp: 259449
Ion Ratio Lower Upper
120 100
91 463.8 354.9 532.3



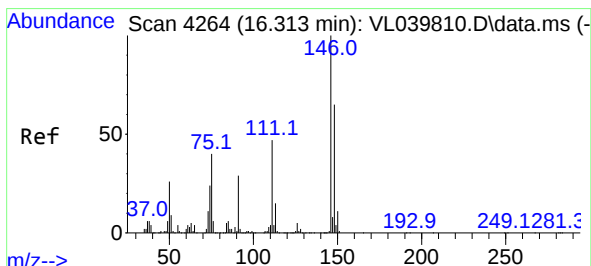
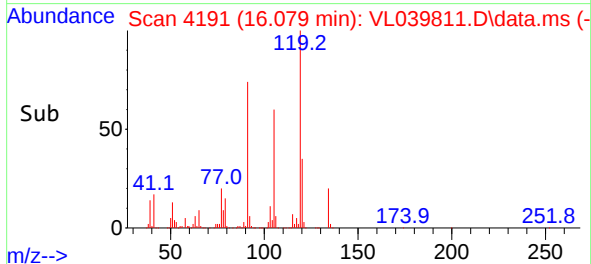
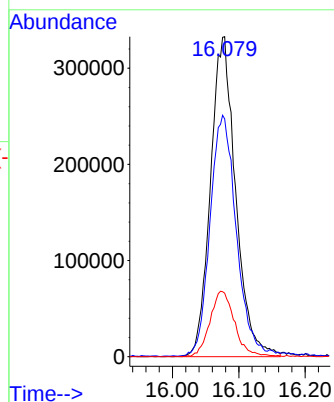


#65
tert-Butylbenzene
Concen: 2.086 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

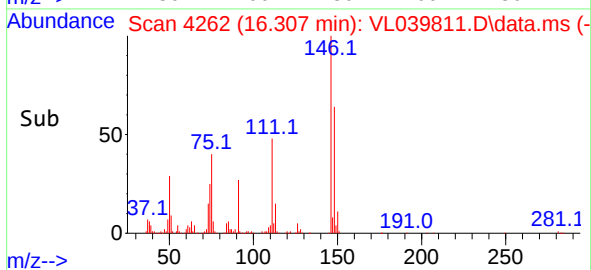
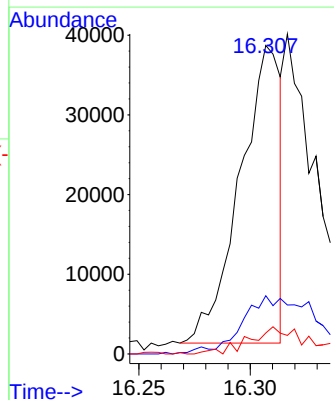
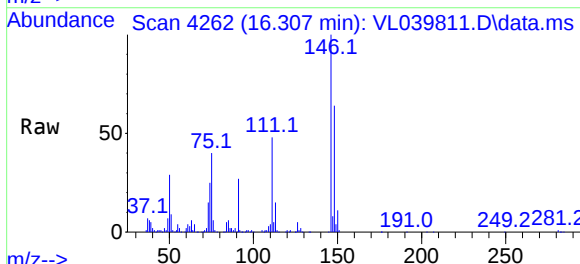


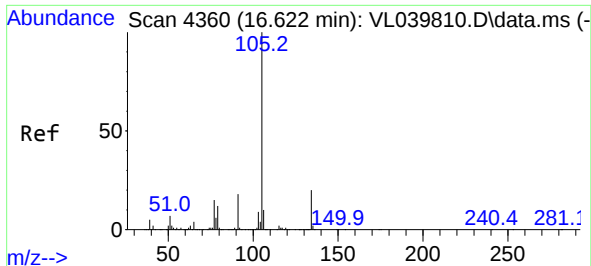
Tgt Ion:119 Resp: 877569
Ion Ratio Lower Upper
119 100
91 80.2 63.7 95.5
134 20.3 16.2 24.4



#66
Benzyl Chloride
Concen: 0.966 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 91 Resp: 47281
Ion Ratio Lower Upper
91 100
126 48.2 15.6 23.4#
128 13.8 4.9 7.3#

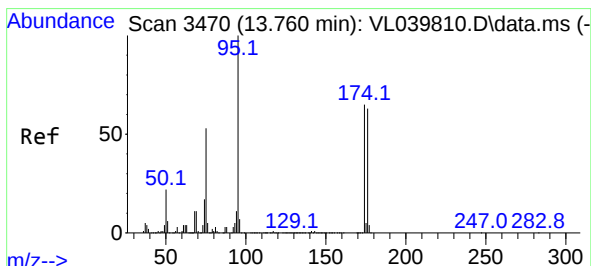
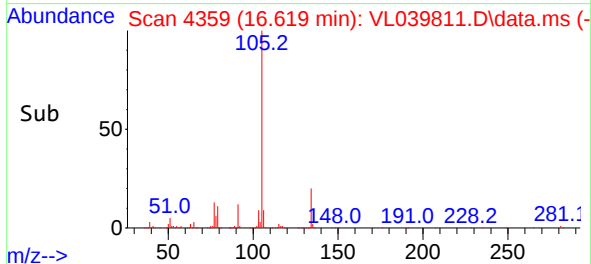
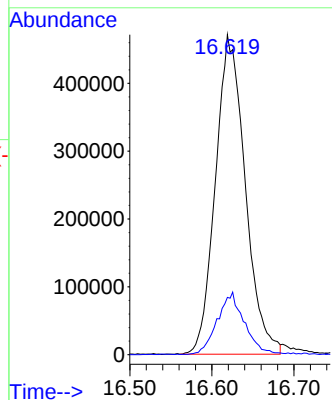
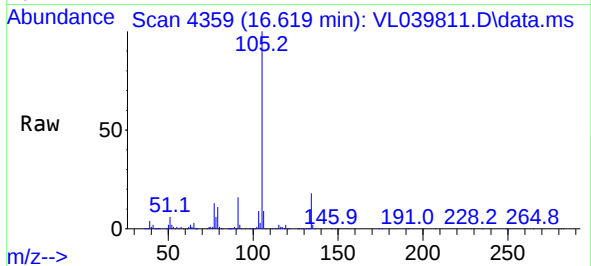




#67
 sec-Butylbenzene
 Concen: 2.071 ppbv
 RT: 16.619 min Scan# 4359
 Delta R.T. -0.003 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

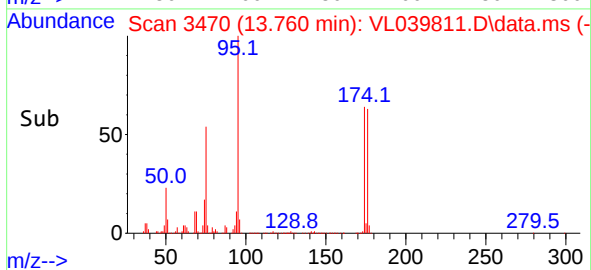
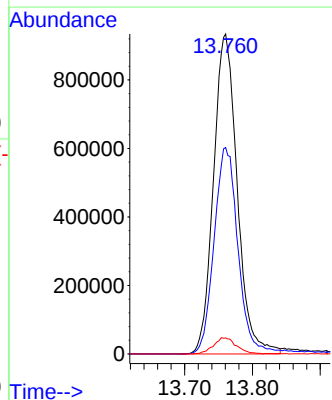
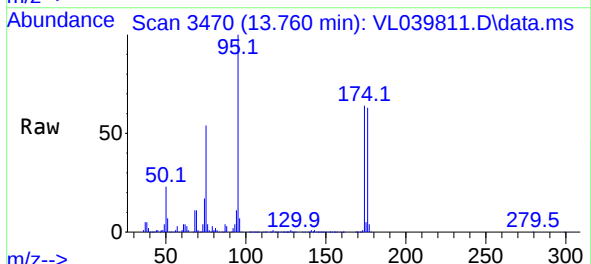
Instrument :
 MSVOA_L
 ClientSampleId :

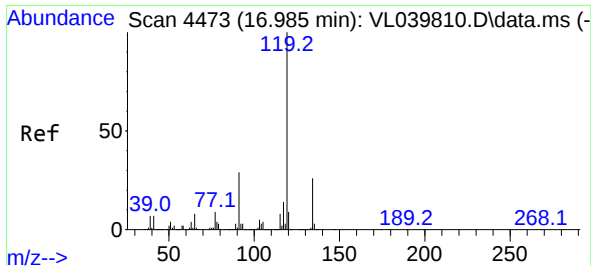
Tgt Ion:105 Resp: 1186214
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.886 ppbv
 RT: 13.760 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Tgt Ion: 95 Resp: 2273437
 Ion Ratio Lower Upper
 95 100
 174 66.9 53.4 80.0
 175 5.0 4.1 6.1

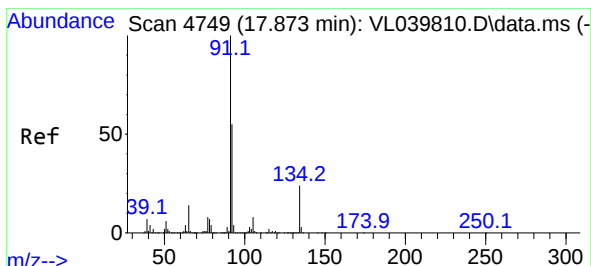
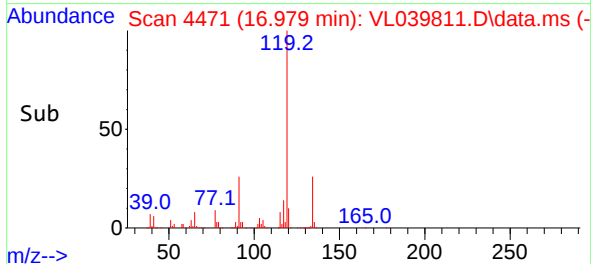
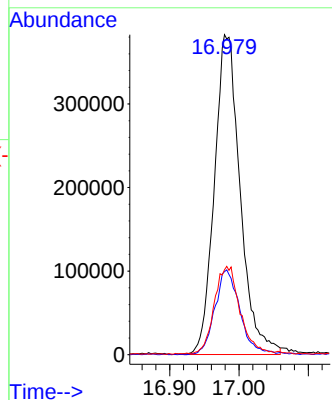
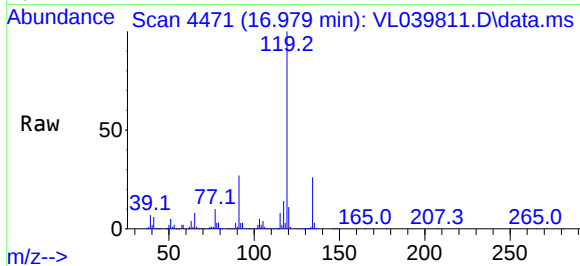




#69
p-Isopropyltoluene
Concen: 2.087 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.006 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

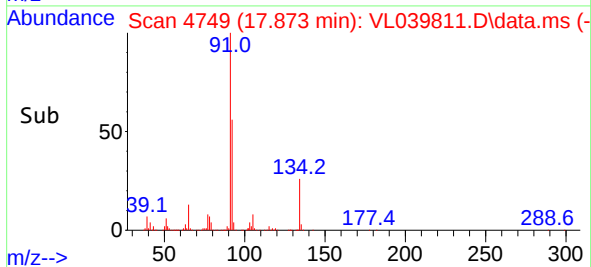
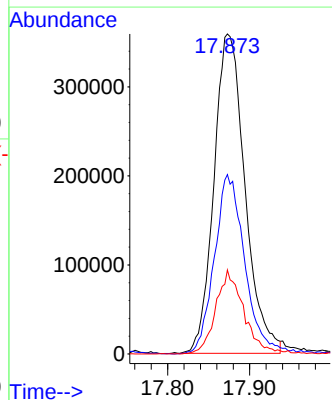
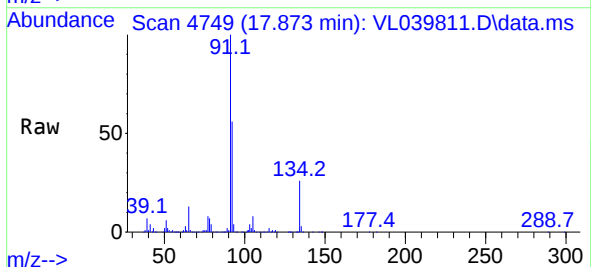
Instrument :
MSVOA_L
ClientSampleId :

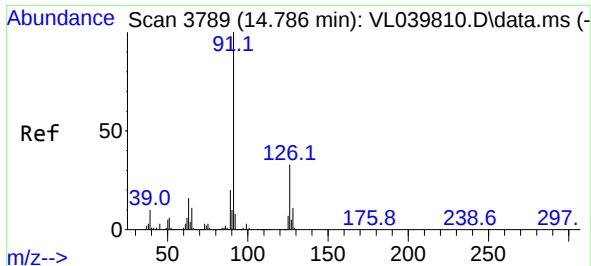
Tgt Ion:119 Resp: 991461
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.6
91 27.8 22.8 34.2



#70
n-Butylbenzene
Concen: 2.055 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion: 91 Resp: 943737
Ion Ratio Lower Upper
91 100
92 55.7 44.1 66.1
134 23.9 19.0 28.6

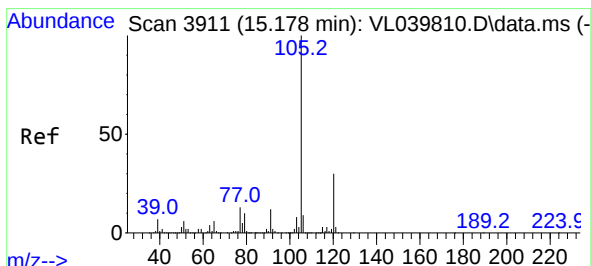
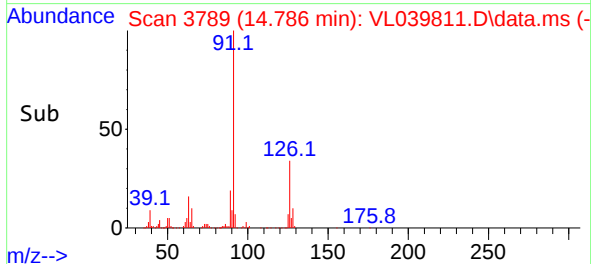
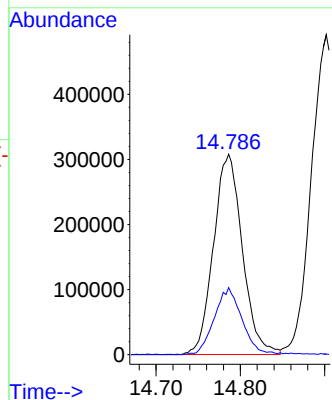
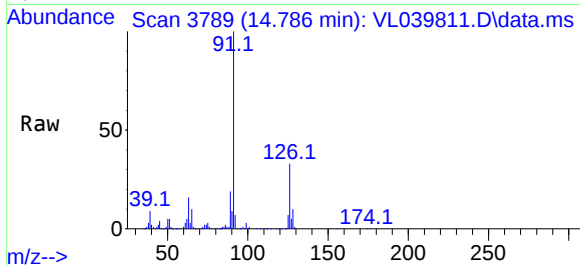




#71
2-Chlorotoluene
Concen: 2.031 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

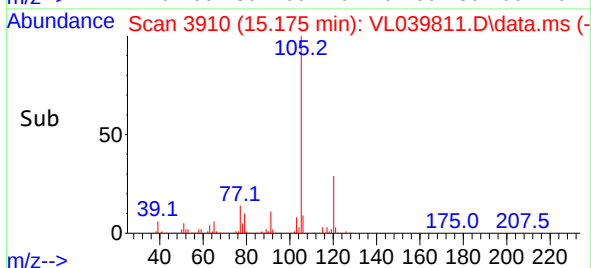
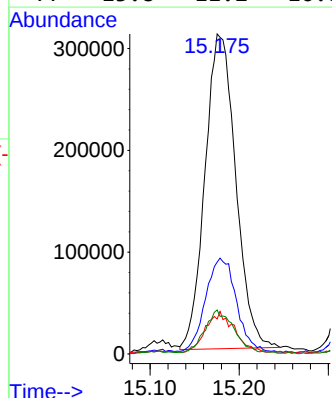
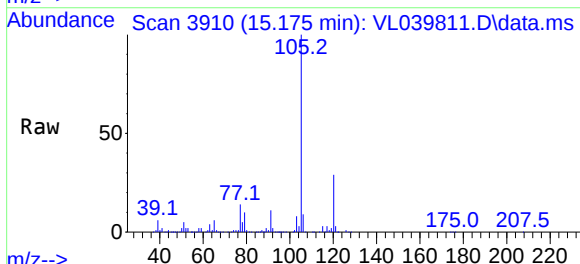
Instrument :
MSVOA_L
ClientSampleId :

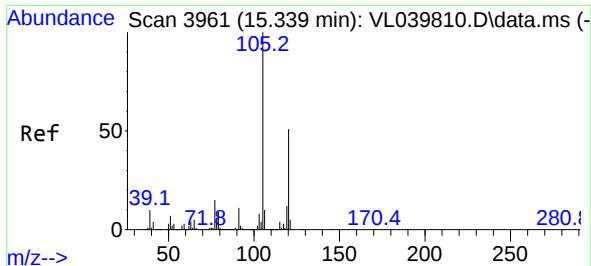
Tgt Ion: 91 Resp: 731449
Ion Ratio Lower Upper
91 100
126 32.5 12.9 51.5



#72
4-Ethyltoluene
Concen: 2.005 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:105 Resp: 741858
Ion Ratio Lower Upper
105 100
120 32.5 26.0 39.0
91 11.7 10.5 15.7
77 13.8 11.2 16.8

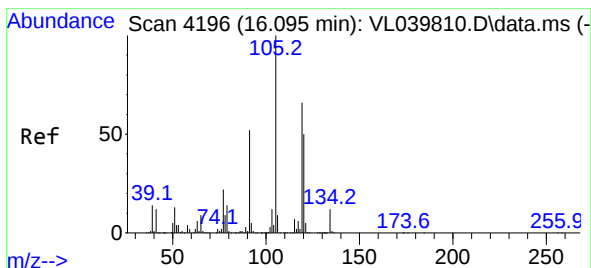
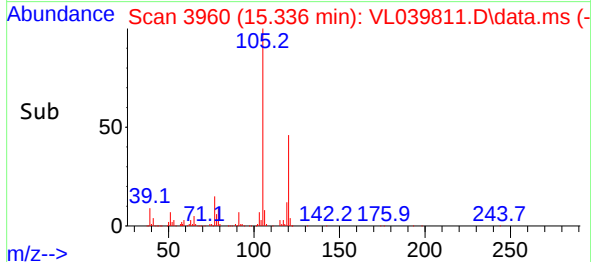
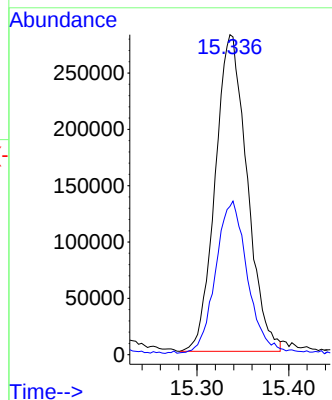
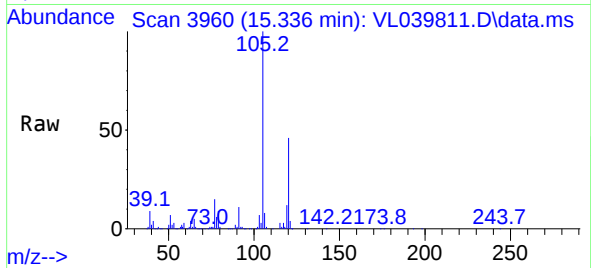




#73
1,3,5-Trimethylbenzene
Concen: 2.070 ppbv
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

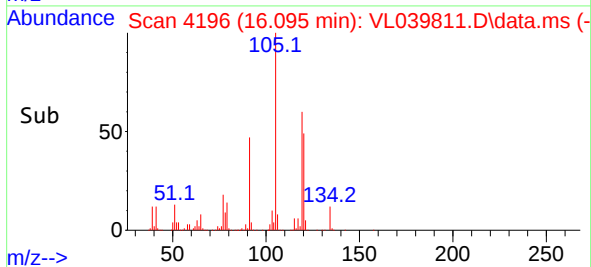
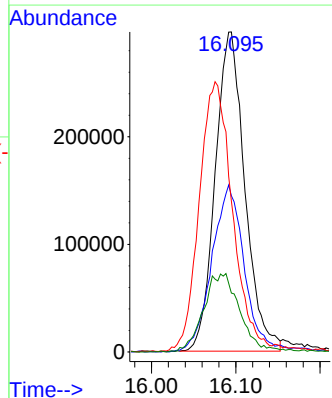
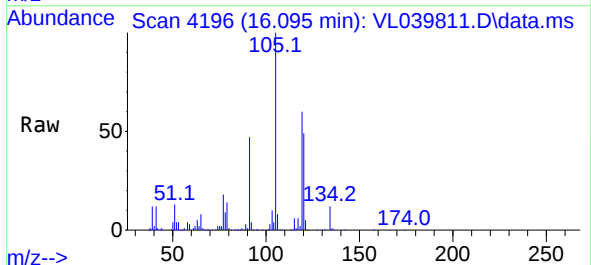
Instrument :
MSVOA_L
ClientSampleId :

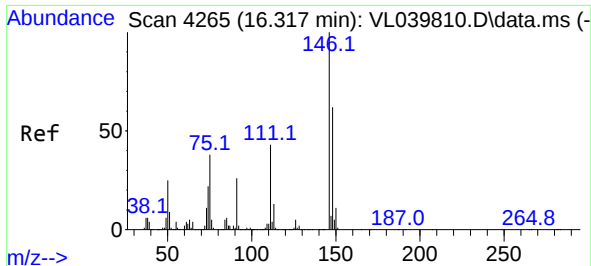
Tgt Ion:105 Resp: 678725
Ion Ratio Lower Upper
105 100
120 46.2 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 2.080 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:105 Resp: 724667
Ion Ratio Lower Upper
105 100
120 48.3 40.2 60.4
91 45.4 42.6 64.0
77 17.8 17.8 26.8

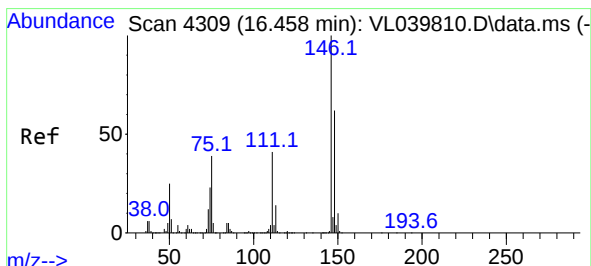
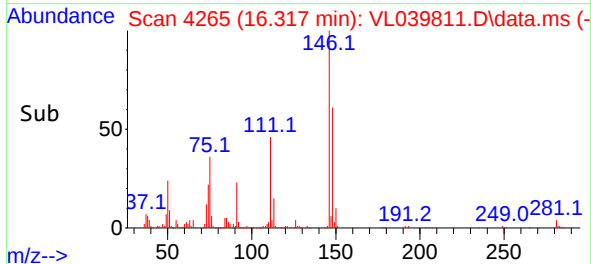
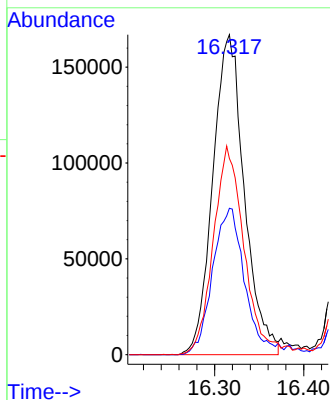
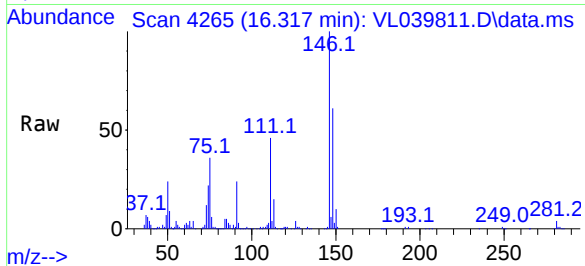




#75
1,3-Dichlorobenzene
Concen: 2.015 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

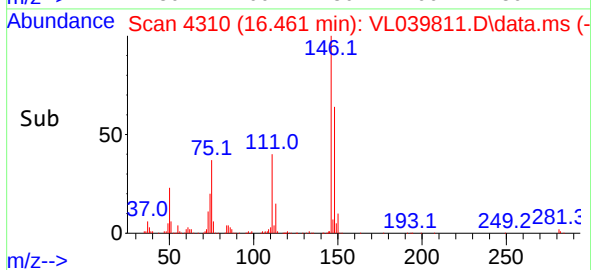
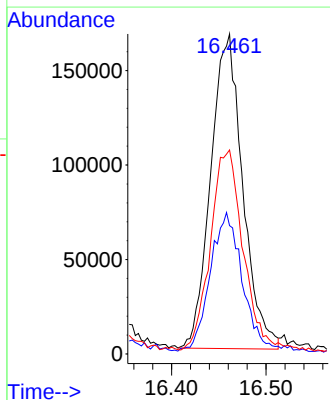
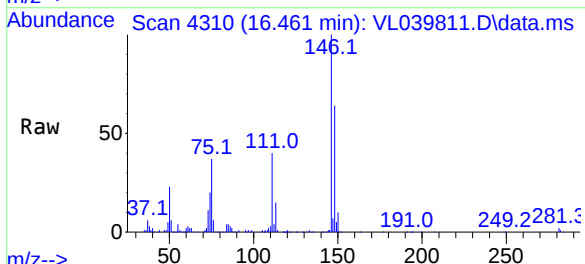
Instrument :
MSVOA_L
ClientSampleId :

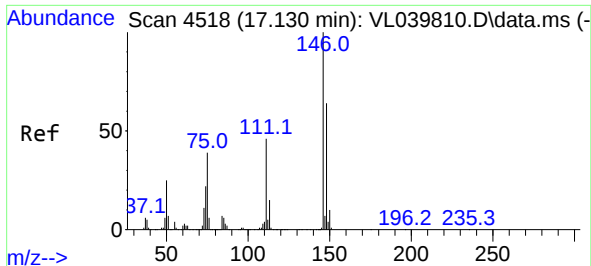
Tgt Ion:146 Resp: 409951
Ion Ratio Lower Upper
146 100
111 48.0 22.9 68.8
148 64.8 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 1.960 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Tgt Ion:146 Resp: 391281
Ion Ratio Lower Upper
146 100
111 48.0 22.7 68.1
148 67.4 33.1 99.3

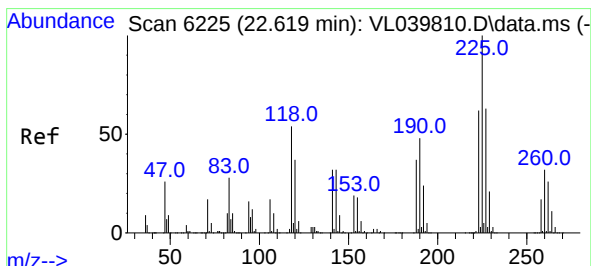
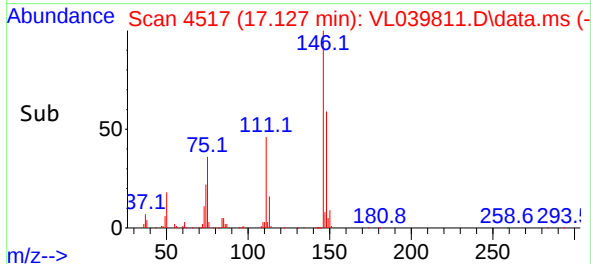
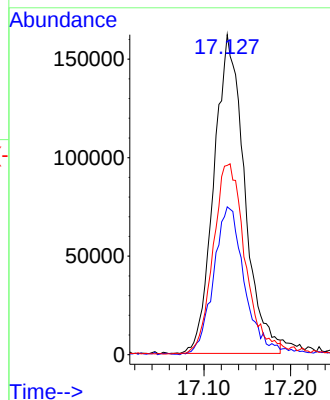
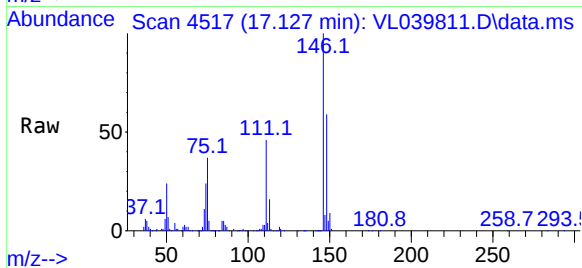




#77
1,2-Dichlorobenzene
Concen: 2.065 ppbv
RT: 17.127 min Scan# 4518
Delta R.T. -0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

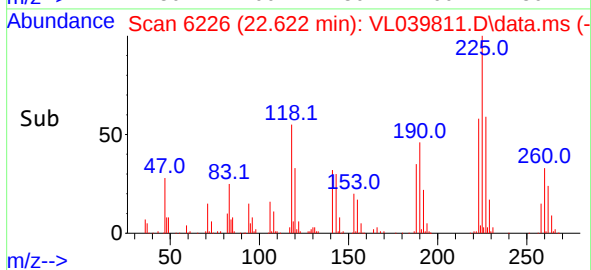
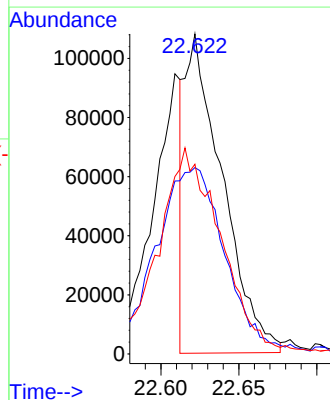
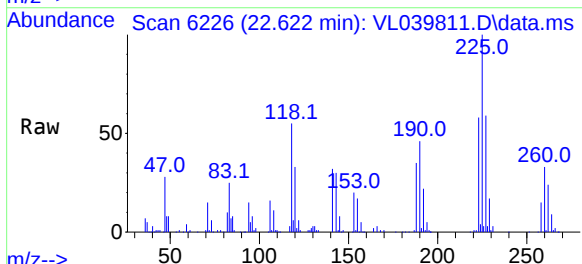
Instrument :
MSVOA_L
ClientSampleId :

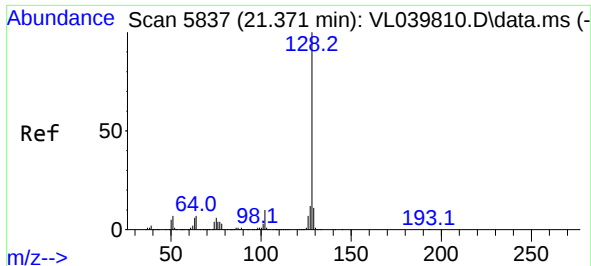
Tgt Ion:146 Resp: 396048
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 64.2 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 1.273 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

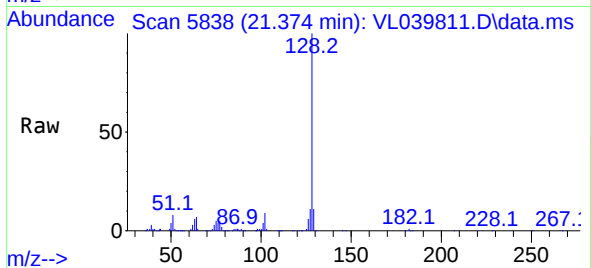
Tgt Ion:225 Resp: 180905
Ion Ratio Lower Upper
225 100
223 109.2 50.6 75.8#
227 0.0 51.6 77.4#



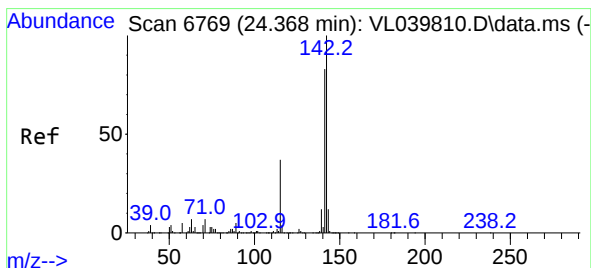
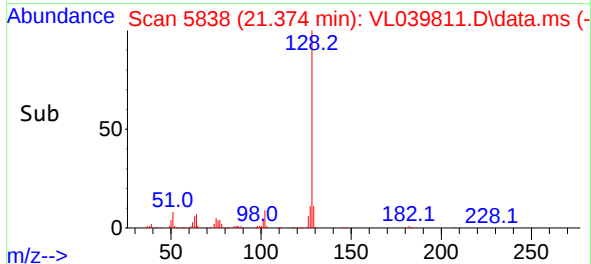
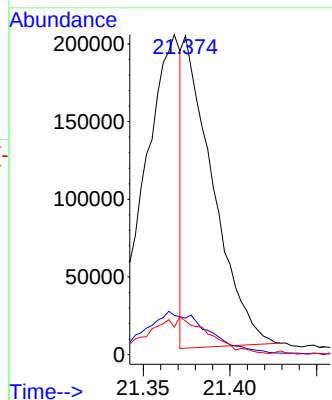


#79
Naphthalene
Concen: 0.937 ppbv
RT: 21.374 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

Instrument :
MSVOA_L
ClientSampleId :

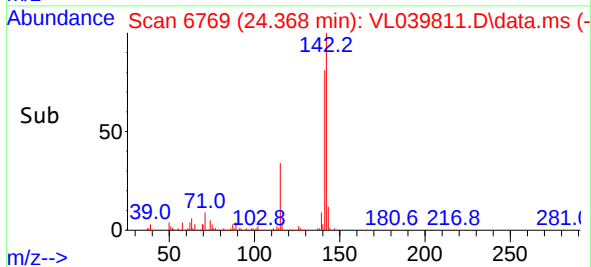
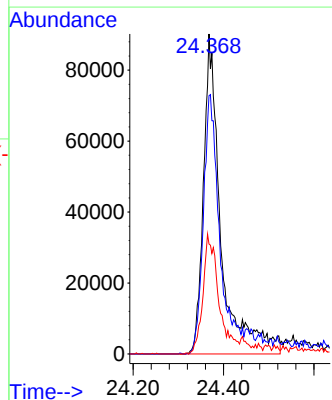
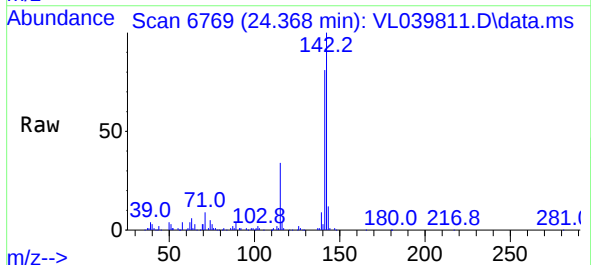


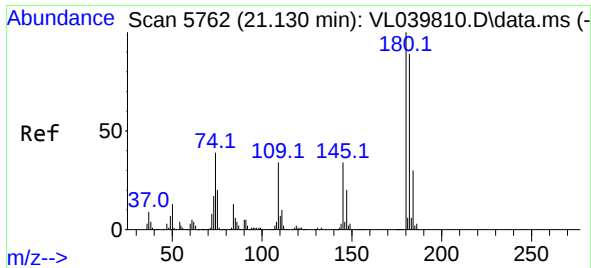
Tgt Ion:128 Resp: 237418
Ion Ratio Lower Upper
128 100
127 11.4 9.8 14.6
129 9.7 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 2.273 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL039811.D
Acq: 2 Nov 2022 11:24

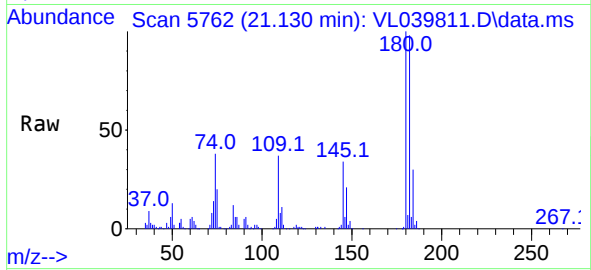
Tgt Ion:142 Resp: 244065
Ion Ratio Lower Upper
142 100
141 81.6 65.1 97.7
115 36.3 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.985 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039811.D
 Acq: 2 Nov 2022 11:24

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 139561

Ion	Ratio	Lower	Upper
180	100		
182	209.6	78.1	117.1#
184	67.0	24.5	36.7#

