

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039834.D
 Acq On : 7 Nov 2022 10:59
 Operator : SY/AP
 Sample : VL1107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Quant Time: Nov 08 06:12:00 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	5.195	49	1086817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2893942	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2883379	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2172145	10.065	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	1169969	6.376	ppbv	98
3) Chlorodifluoromethane	2.694	51	1218505	9.404	ppbv	97
4) Chloromethane	2.832	50	729935	9.048	ppbv	98
5) Vinyl Chloride	2.938	62	617100	9.448	ppbv	94
6) Bromomethane	3.134	94	214891	9.223	ppbv	99
7) Chloroethane	3.211	64	215302	8.796	ppbv	99
8) Dichlorotetrafluoroethane	2.874	85	1420878	9.086	ppbv	97
9) Propene	2.713	41	591606	8.764	ppbv	100
10) Heptane	7.578	43	1462603	9.044	ppbv	100
11) Trichlorofluoromethane	3.578	101	1456458	9.733	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	1014663	9.388	ppbv	99
13) Ethanol	3.256	45	32778	6.870	ppbv	90
14) Bromoethene	3.382	108	474787	9.811	ppbv	99
15) Acetone	3.481	43	1001732	7.572	ppbv	99
16) 1,3-Butadiene	3.002	39	550283	8.945	ppbv	100
17) tert-Butyl alcohol	3.890	59	1135832	9.016	ppbv	98
18) 1,1-Dichloroethene	3.893	96	473359	9.552	ppbv	92
19) Isopropyl Alcohol	3.587	45	562738	8.595	ppbv #	32
20) Methylene Chloride	3.944	84	373786	7.898	ppbv	96
21) Allyl Chloride	4.009	41	720955	8.616	ppbv	99
22) trans-1,2-Dichloroethene	4.456	96	452204	8.991	ppbv	93
23) Vinyl Acetate	4.632	43	399592	7.582	ppbv	99
24) 1,1-Dichloroethane	4.571	63	939540	8.728	ppbv	99
25) Ethyl Acetate	5.211	43	2523184	9.260	ppbv	99
26) Hexane	5.221	57	1095934	9.020	ppbv	97
27) Carbon Disulfide	4.134	76	1210646	9.489	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	932587	8.480	ppbv	98
29) Chloroform	5.279	83	1763411	10.322	ppbv	97
30) Cyclohexane	6.603	84	954504	9.395	ppbv	96
31) cis-1,2-Dichloroethene	5.086	61	1114567	10.061	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	1778505	10.458	ppbv	98
34) 2-Butanone	4.793	43	1082893	9.071	ppbv	96
35) Carbon Tetrachloride	6.494	117	1777033	10.535	ppbv	99
36) Benzene	6.372	78	2406585	9.858	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1287635	10.994	ppbv	99
38) Trichloroethene	7.291	130	1256476	9.616	ppbv	96
39) 1,2-Dichloropropane	7.073	63	929481	9.772	ppbv	94
40) 1,4-Dioxane	7.285	88	361396	9.923	ppbv #	1
41) Tetrahydrofuran	5.558	42	962898	9.650	ppbv	99
42) Bromodichloromethane	7.246	83	1933093	10.334	ppbv	96
43) Methyl Methacrylate	7.475	69	955999	9.909	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	3894128	9.451	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	965295	10.445	ppbv	97

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Instrument :
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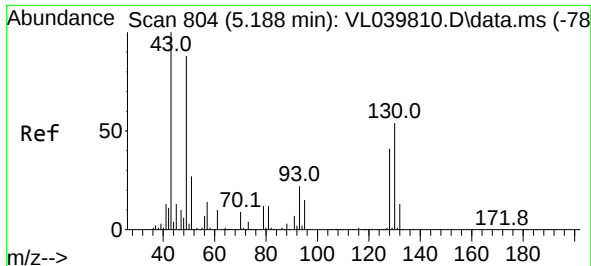
Quant Time: Nov 08 06:12:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1274297	10.102	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	963550	10.005	ppbv	99
48) Dibromochloromethane	9.703	129	1575124	9.598	ppbv	100
49) Bromoform	12.401	173	1185987	8.991	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2401709	9.826	ppbv	100
51) 2-Hexanone	9.549	43	1897986	9.959	ppbv #	98
52) Tetrachloroethene	10.610	164	792314	8.663	ppbv	98
53) Toluene	9.217	91	2672773	9.544	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1109111	10.376	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	1098188	8.908	ppbv	98
57) Chlorobenzene	11.523	112	1898680	8.681	ppbv	97
58) Ethyl Benzene	12.082	91	3511249	9.006	ppbv	99
59) m/p-Xylene	12.368	91	3071470	9.438	ppbv #	43
60) o-Xylene	13.053	91	2723609	8.834	ppbv	98
61) Styrene	12.893	104	1716401	9.047	ppbv	99
62) Isopropylbenzene	14.024	105	3834444	8.525	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.040	83	951734	8.289	ppbv	98
64) n-propylbenzene	14.912	120	988856	8.219	ppbv	88
65) tert-Butylbenzene	16.085	119	3119331	7.899	ppbv	96
66) Benzyl Chloride	16.323	91	285269	6.213	ppbv	99
67) sec-Butylbenzene	16.632	105	4461408	8.299	ppbv	98
69) p-Isopropyltoluene	16.992	119	3506267	7.864	ppbv	98
70) n-Butylbenzene	17.883	91	3742623	8.682	ppbv	97
71) 2-Chlorotoluene	14.793	91	2927567	8.663	ppbv	98
72) 4-Ethyltoluene	15.188	105	3021703	8.703	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2665165	8.659	ppbv	94
74) 1,2,4-Trimethylbenzene	16.105	105	2767417	8.463	ppbv	94
75) 1,3-Dichlorobenzene	16.323	146	1550874	8.123	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1497115	7.991	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1464086	8.134	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	480940	3.606	ppbv #	18
79) Naphthalene	21.374	128	2303086	9.687	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	831960	8.254	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1207813	9.082	ppbv	100

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

Quant Time: Nov 08 06:12:00 2022
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

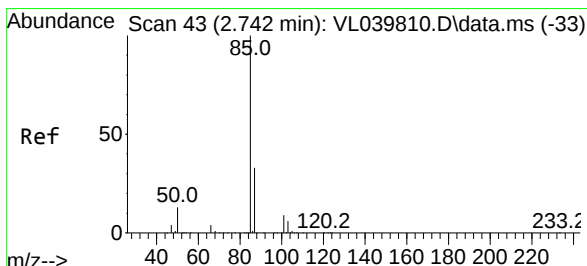
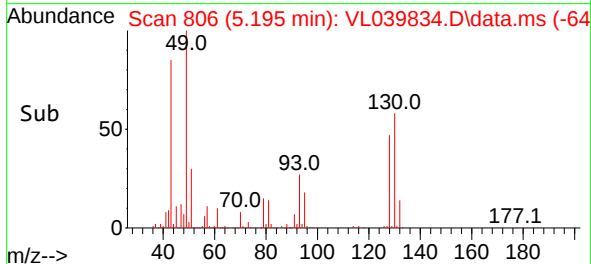
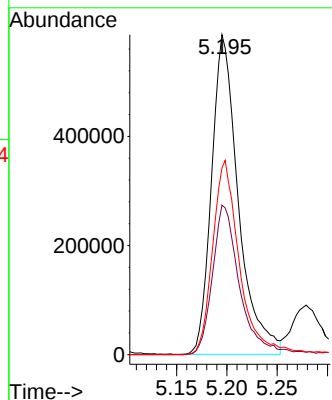
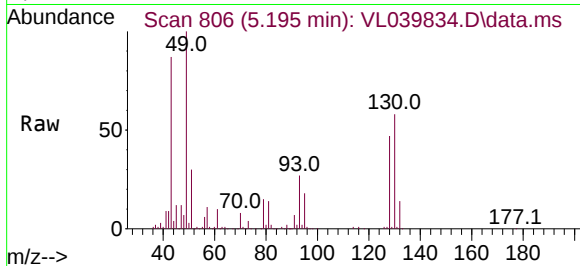




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

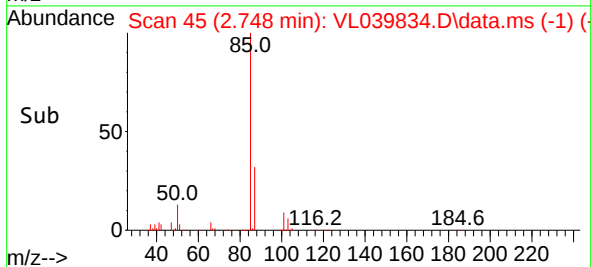
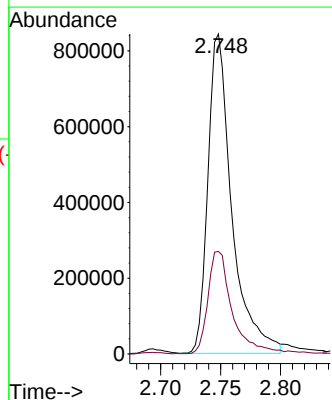
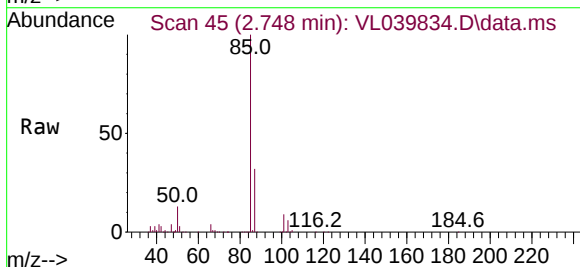
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1107ABS01

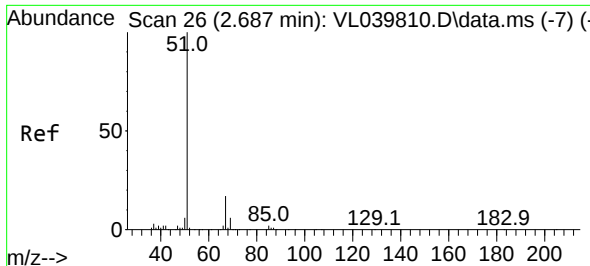
Tgt Ion: 49 Resp: 1086817
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.6 73.6
 130 62.8 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 6.376 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 85 Resp: 1169969
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.4 39.6

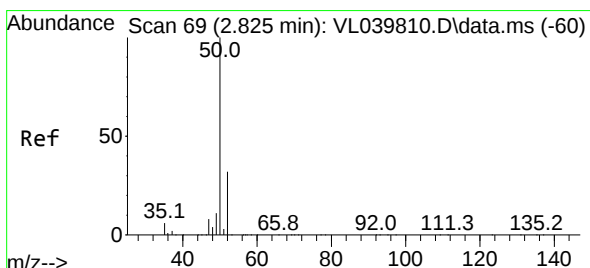
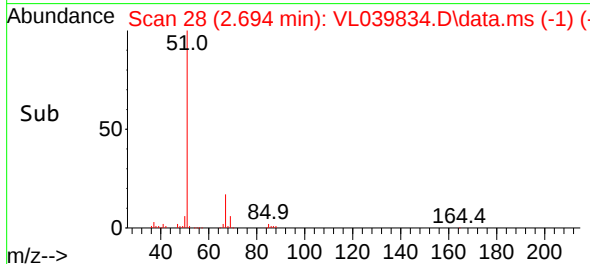
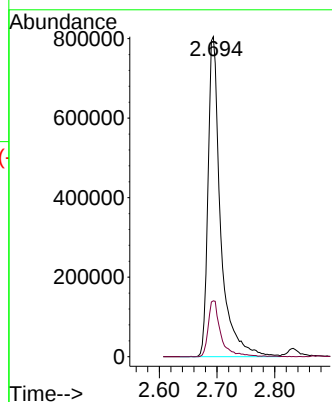
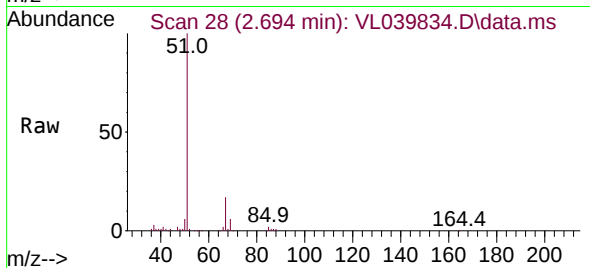




#3
Chlorodifluoromethane
Concen: 9.404 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

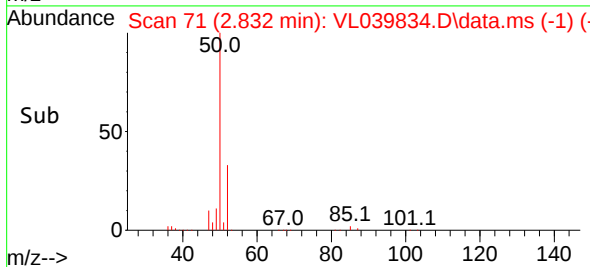
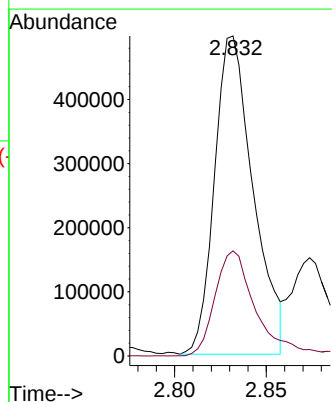
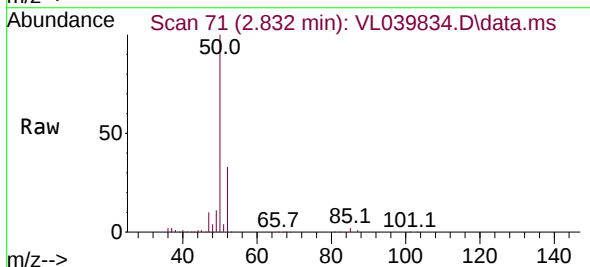
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

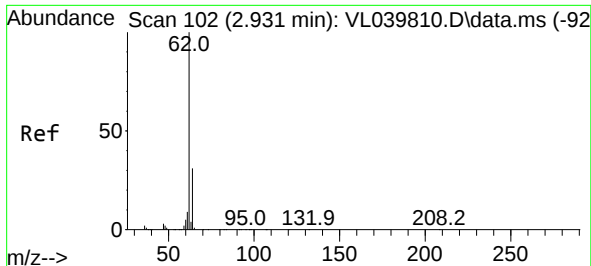
Tgt Ion: 51 Resp: 1218505
Ion Ratio Lower Upper
51 100
67 17.7 13.2 19.8



#4
Chloromethane
Concen: 9.048 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 50 Resp: 729935
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

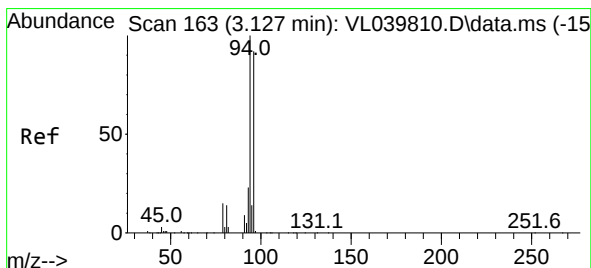
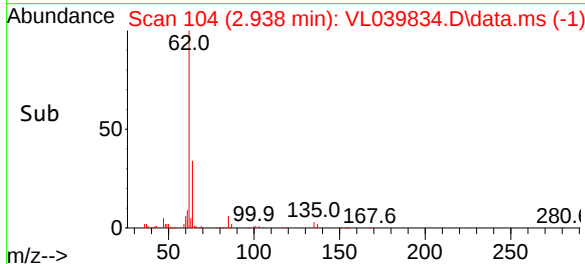
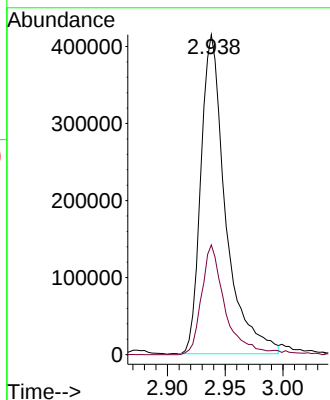
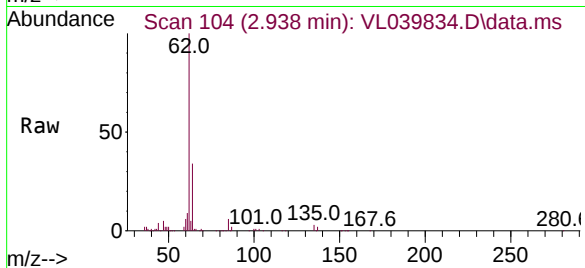




#5
 Vinyl Chloride
 Concen: 9.448 ppbv
 RT: 2.938 min Scan# 10
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

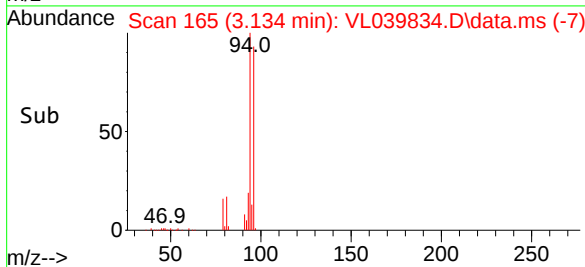
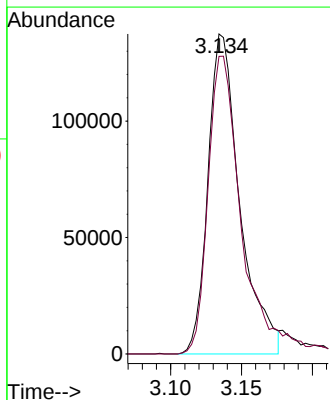
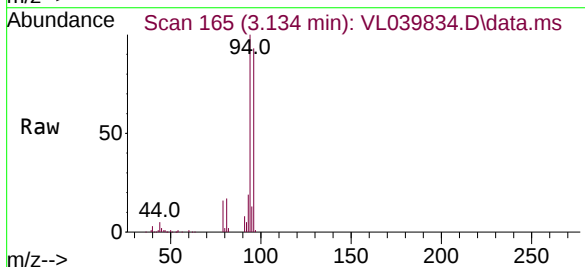
Instrument :
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 ClientSampleId :
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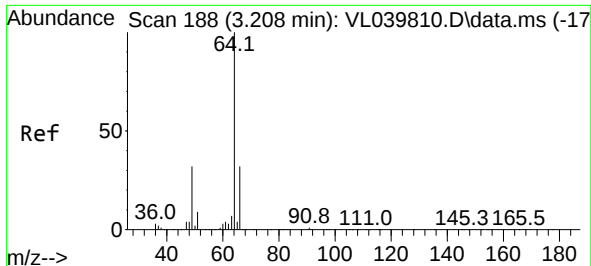
Tgt Ion: 62 Resp: 617100
 Ion Ratio Lower Upper
 62 100
 64 34.4 25.0 37.4



#6
 Bromomethane
 Concen: 9.223 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 94 Resp: 214891
 Ion Ratio Lower Upper
 94 100
 96 93.0 73.5 110.3

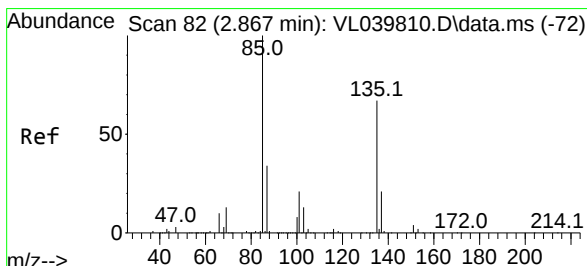
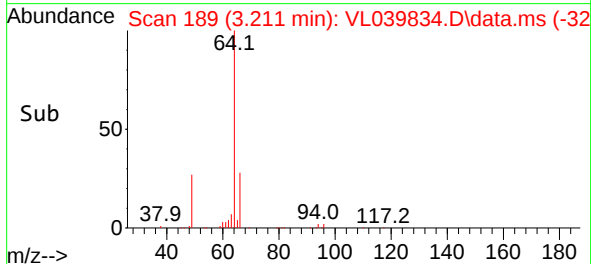
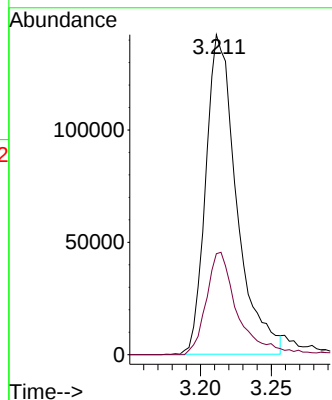
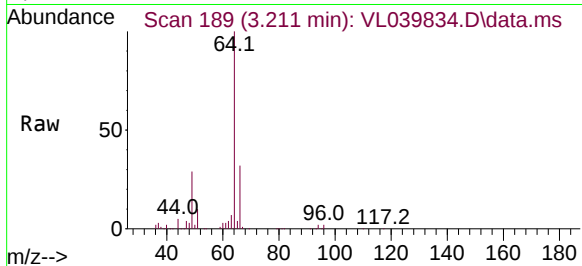




#7
Chloroethane
Concen: 8.796 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

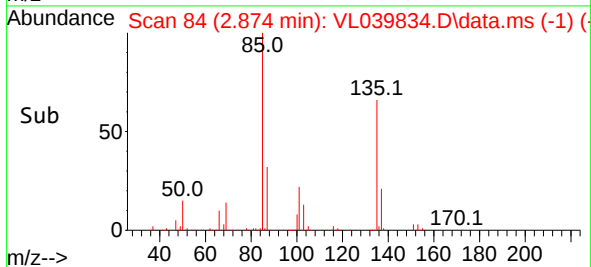
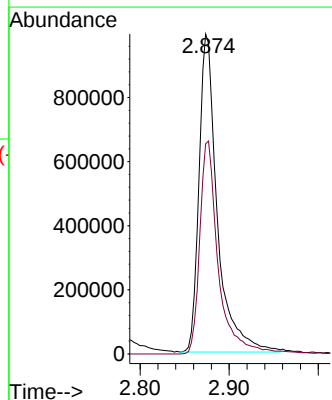
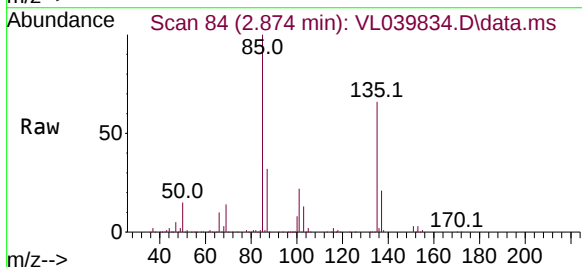
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ClientSampleId :
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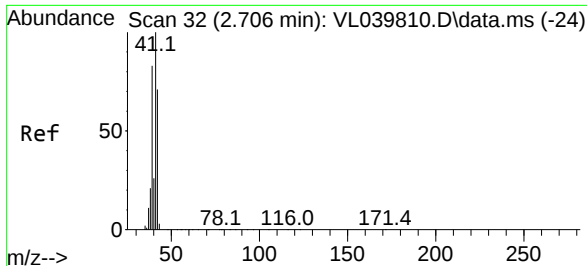
Tgt Ion: 64 Resp: 215302
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 9.086 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 85 Resp: 1420878
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1

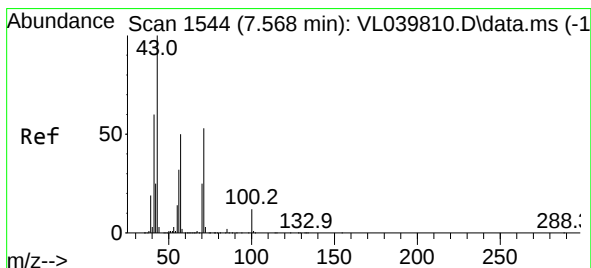
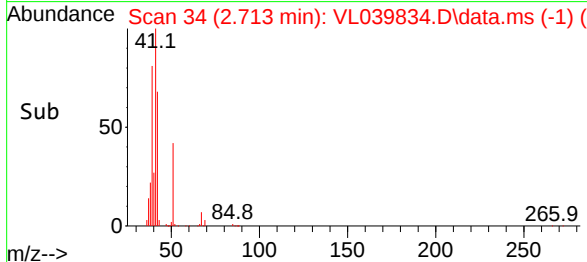
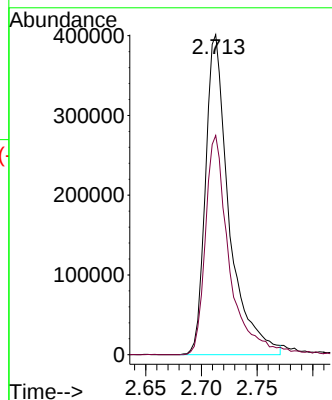
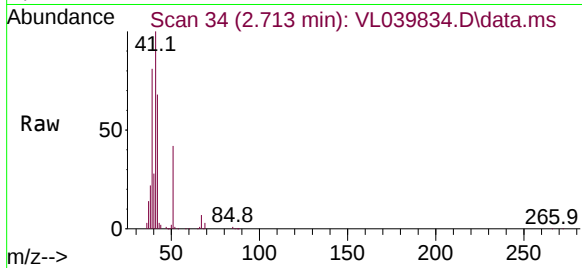




#9
 Propene
 Concen: 8.764 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

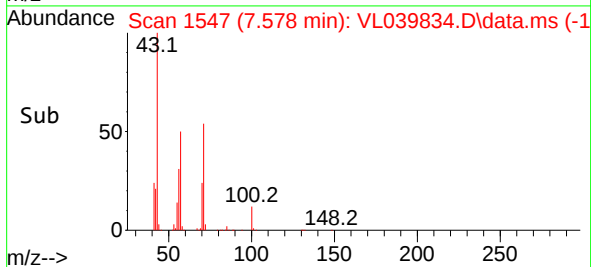
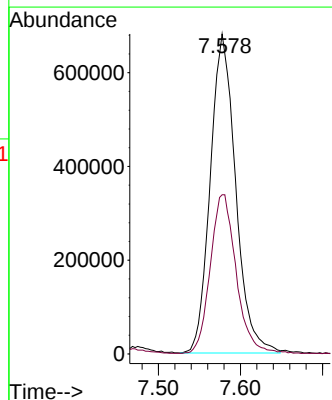
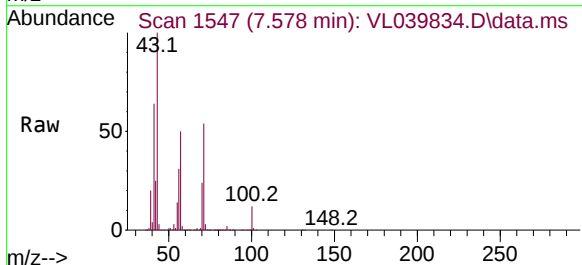
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

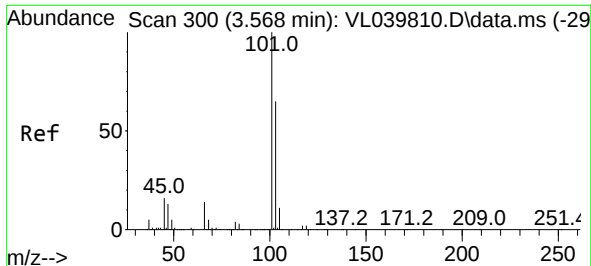
Tgt Ion: 41 Resp: 591606
 Ion Ratio Lower Upper
 41 100
 42 70.4 56.3 84.5



#10
 Heptane
 Concen: 9.044 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 43 Resp: 1462603
 Ion Ratio Lower Upper
 43 100
 57 50.8 40.5 60.7

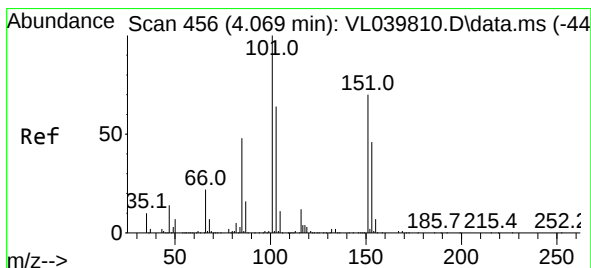
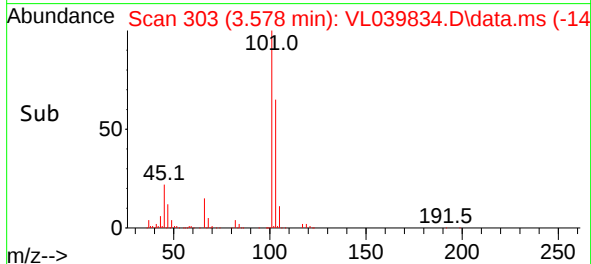
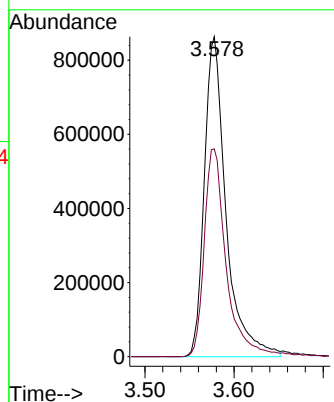
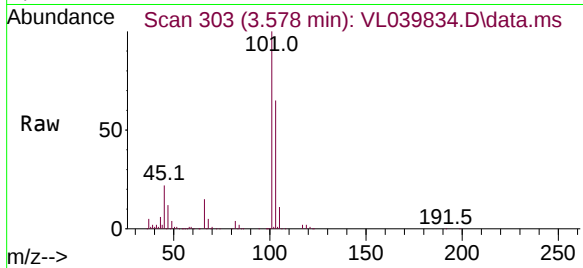




#11
 Trichlorofluoromethane
 Concen: 9.733 ppbv
 RT: 3.578 min Scan# 300
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

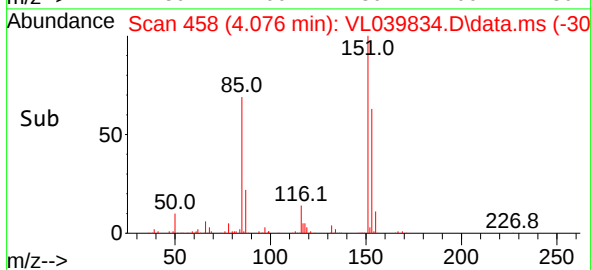
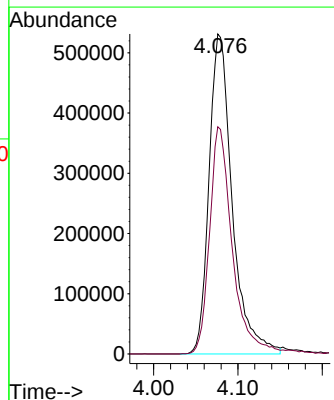
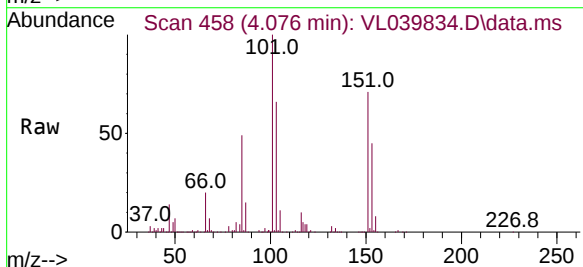
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1107ABS01

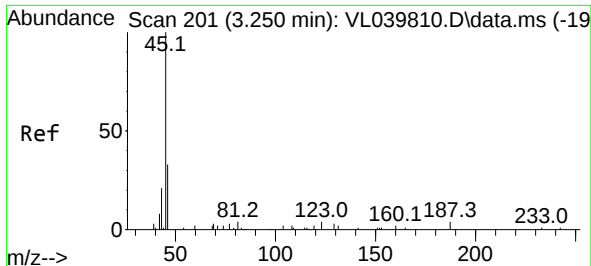
Tgt Ion:101 Resp: 1456458
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.388 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion:101 Resp: 1014663
 Ion Ratio Lower Upper
 101 100
 151 70.4 57.2 85.8

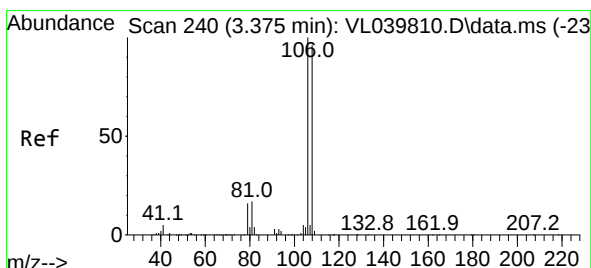
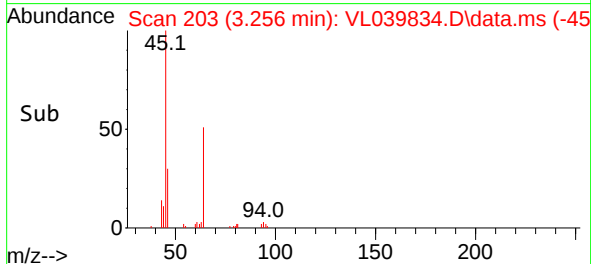
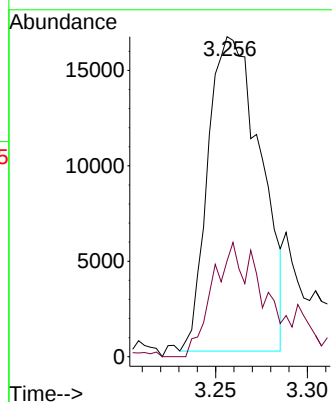
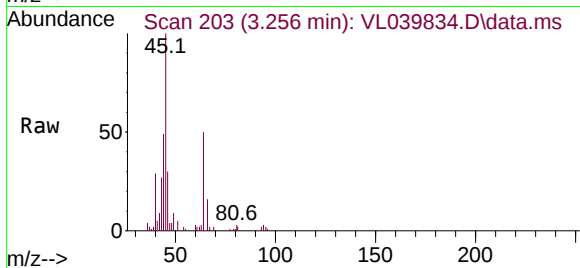




#13
Ethanol
Concen: 6.870 ppbv
RT: 3.256 min Scan# 201
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

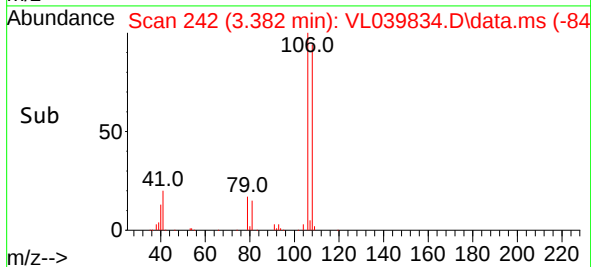
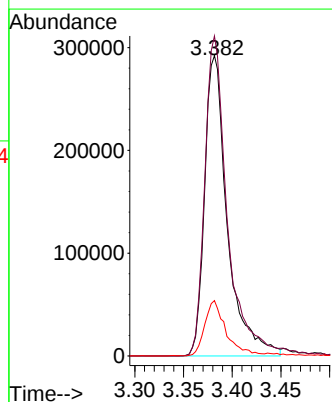
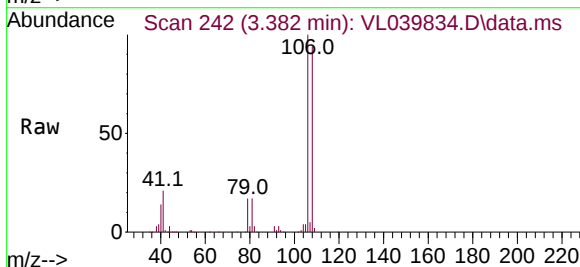
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

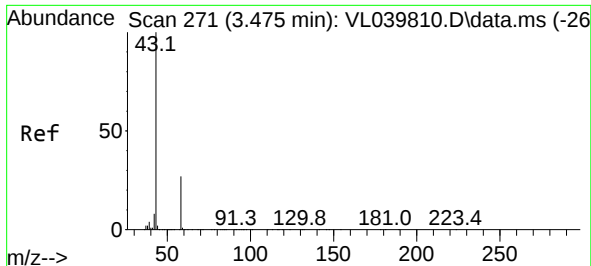
Tgt Ion: 45 Resp: 32778
Ion Ratio Lower Upper
45 100
46 47.3 16.5 65.9



#14
Bromoethene
Concen: 9.811 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 108 Resp: 474787
Ion Ratio Lower Upper
108 100
106 108.5 87.8 131.8
79 18.5 14.5 21.7

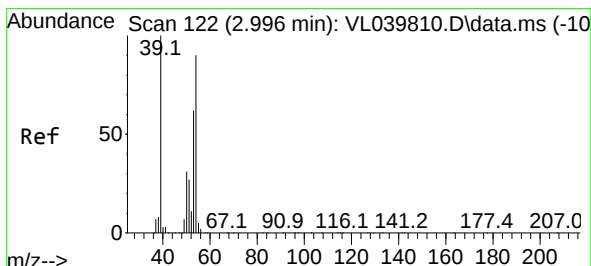
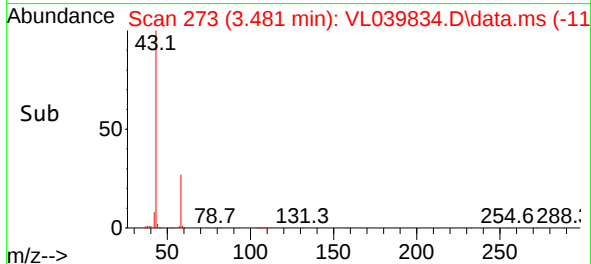
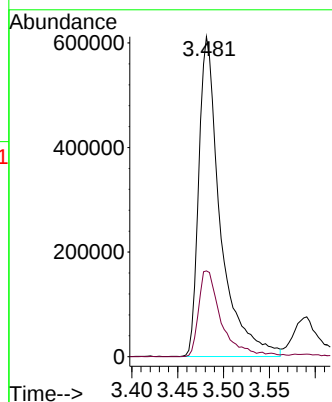
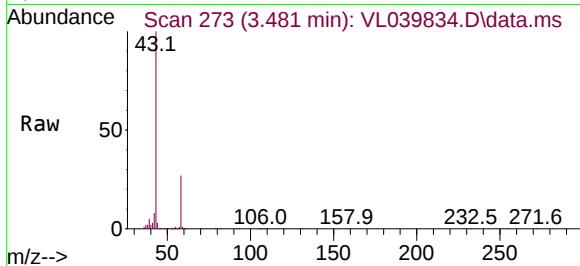




#15
Acetone
Concen: 7.572 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

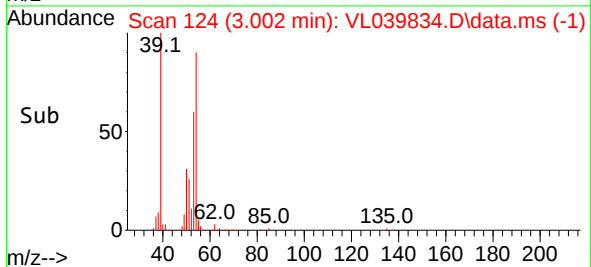
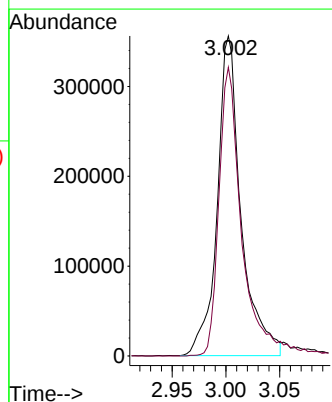
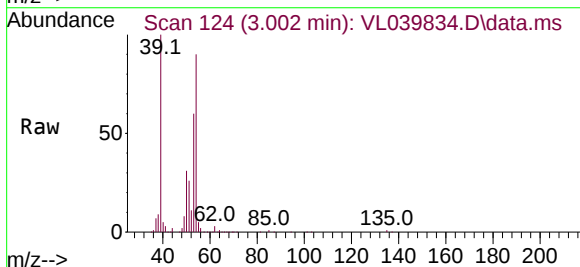
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

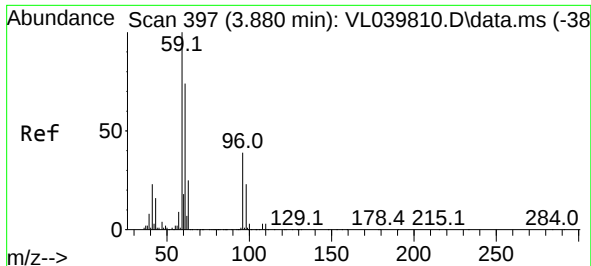
Tgt Ion: 43 Resp: 1001732
Ion Ratio Lower Upper
43 100
58 28.4 23.2 34.8



#16
1,3-Butadiene
Concen: 8.945 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 39 Resp: 550283
Ion Ratio Lower Upper
39 100
54 88.6 71.0 106.4





#17

tert-Butyl alcohol

Concen: 9.016 ppbv

RT: 3.890 min Scan# 401

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

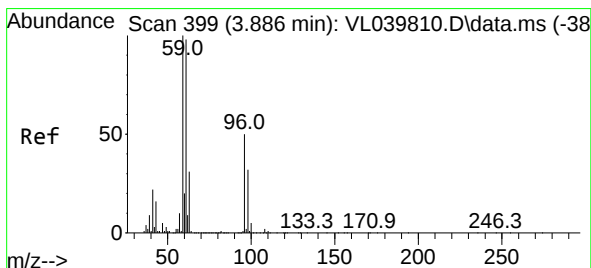
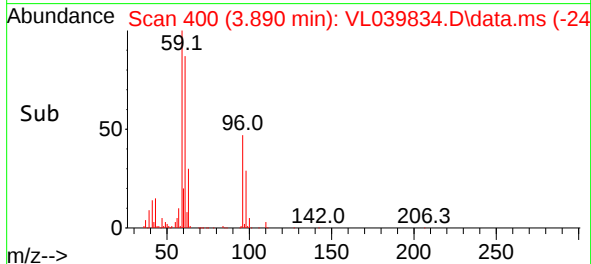
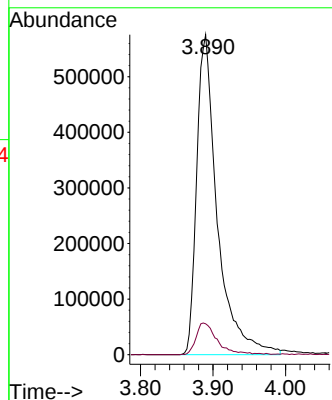
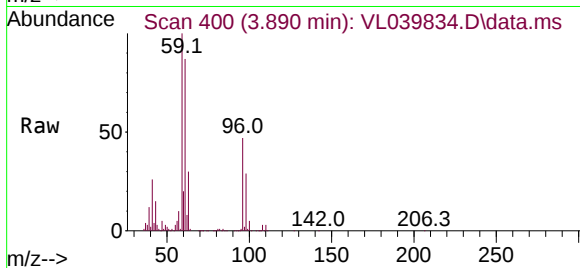
VL1107ABS01

Tgt Ion: 59 Resp: 1135832

Ion Ratio Lower Upper

59 100

57 10.6 9.0 13.6



#18

1,1-Dichloroethene

Concen: 9.552 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

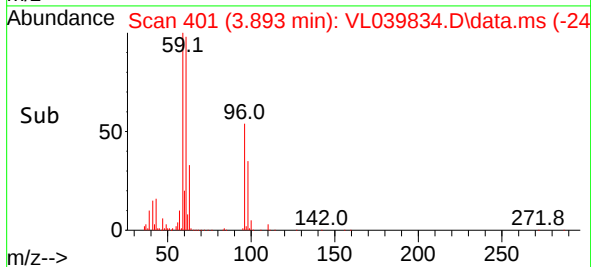
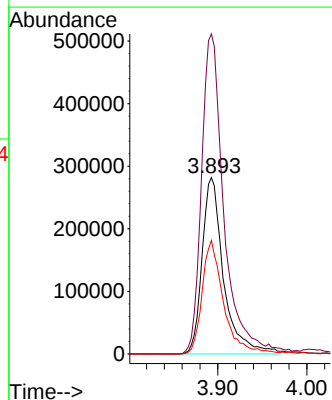
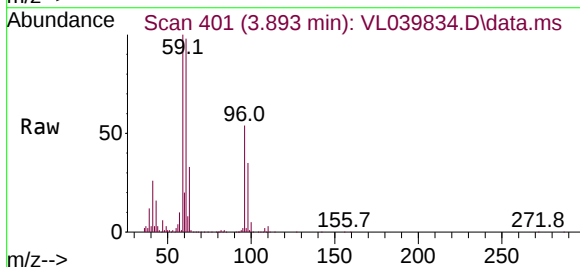
Tgt Ion: 96 Resp: 473359

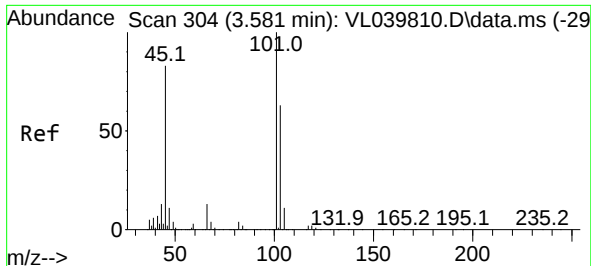
Ion Ratio Lower Upper

96 100

61 181.2 156.9 235.3

98 64.3 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.595 ppbv

RT: 3.587 min Scan# 304

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_1

ClientSampleId :

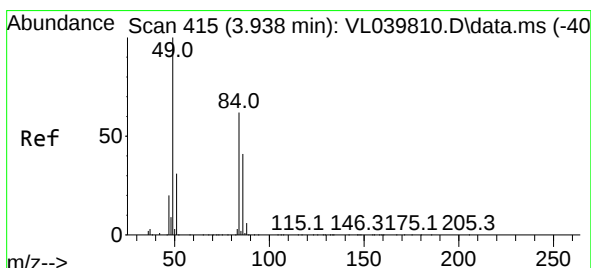
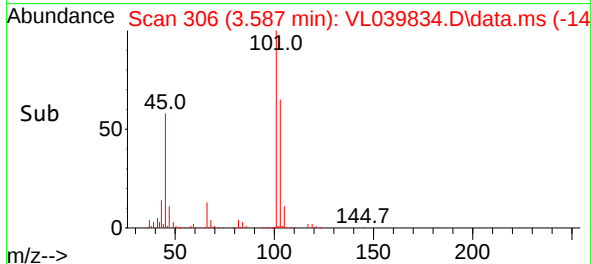
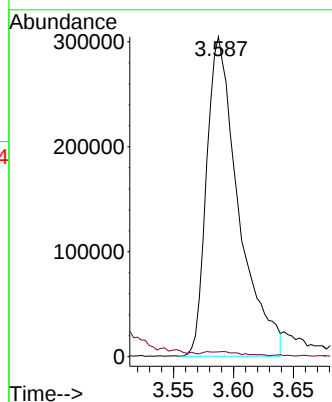
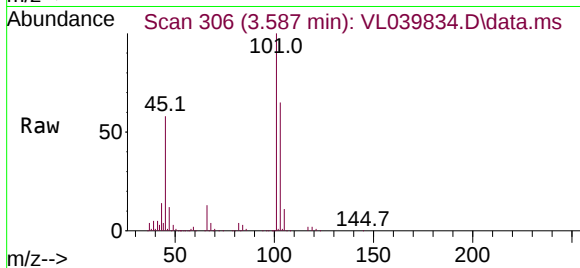
VL1107ABS01

Tgt Ion: 45 Resp: 562738

Ion Ratio Lower Upper

45 100

58 2.4 38.3 57.5#



#20

Methylene Chloride

Concen: 7.898 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Tgt Ion: 84 Resp: 373786

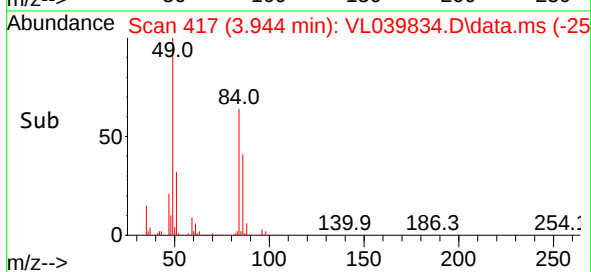
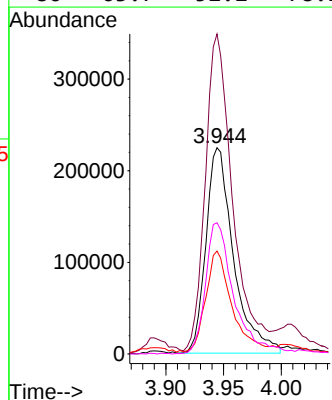
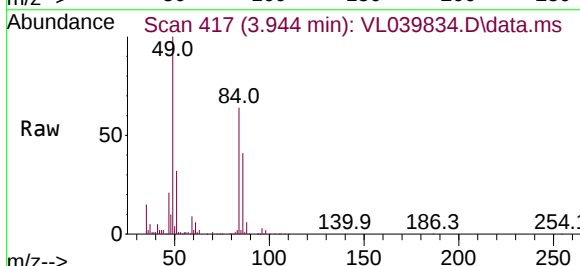
Ion Ratio Lower Upper

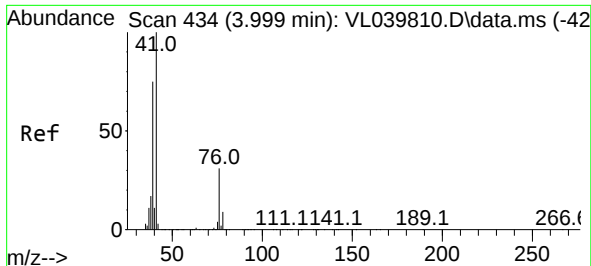
84 100

49 153.8 128.6 192.8

51 48.5 40.2 60.4

86 63.7 52.2 78.2

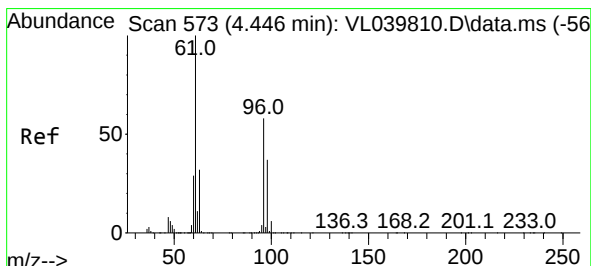
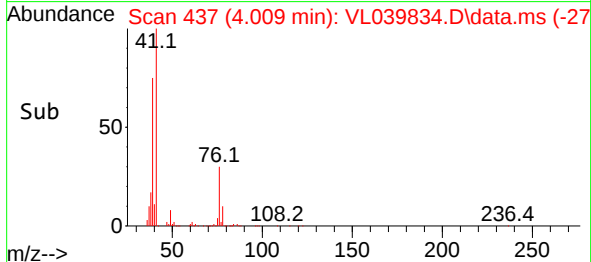
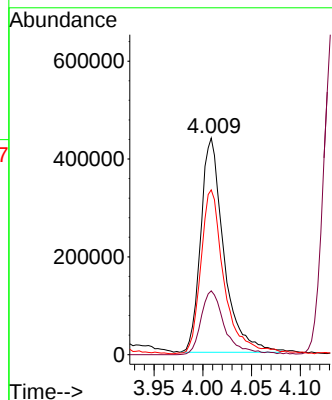
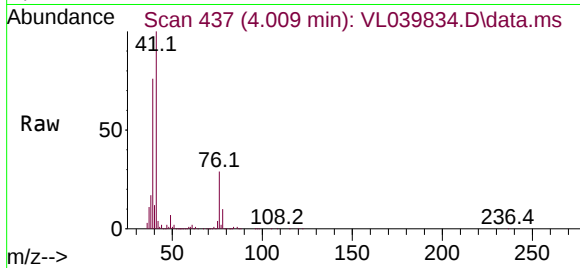




#21
 Allyl Chloride
 Concen: 8.616 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

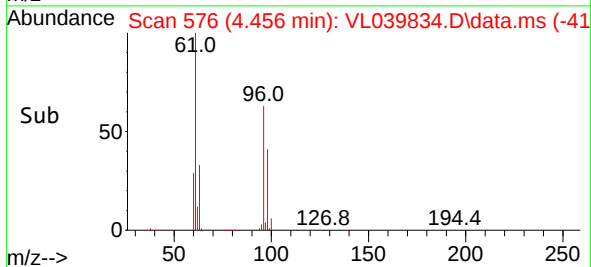
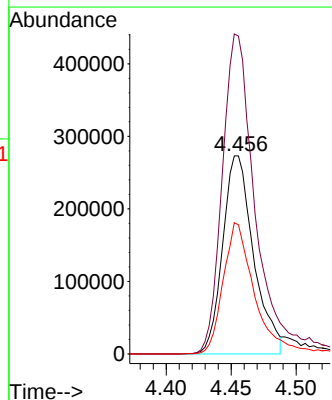
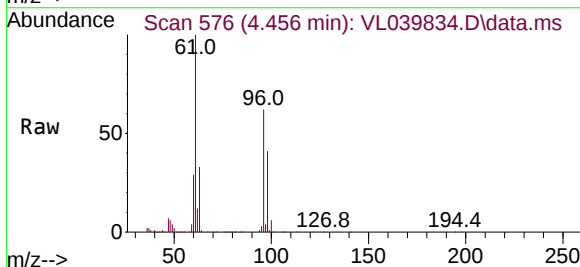
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

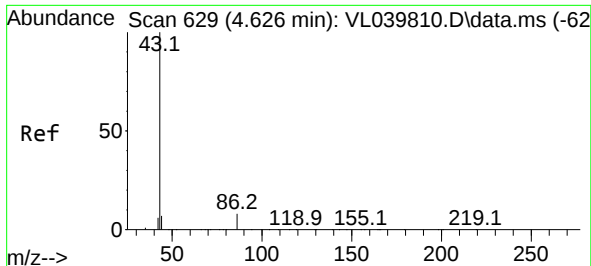
Tgt Ion: 41 Resp: 720955
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 80.9 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.991 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 96 Resp: 452204
 Ion Ratio Lower Upper
 96 100
 61 160.5 137.6 206.4
 98 65.3 51.2 76.8



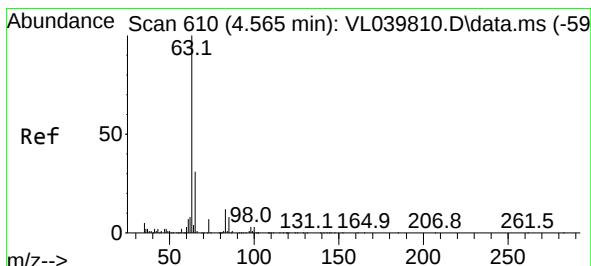
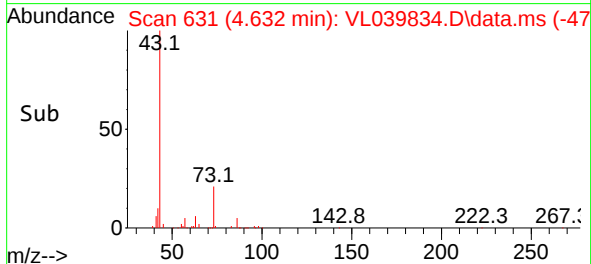
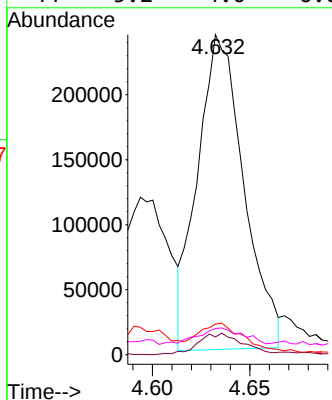
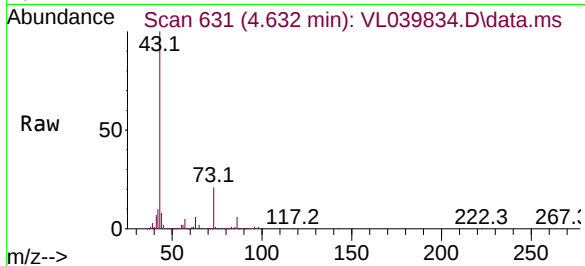


#23
 Vinyl Acetate
 Concen: 7.582 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1107ABS01

Tgt Ion: 43 Resp: 399592

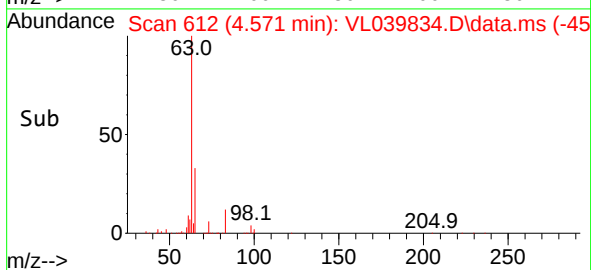
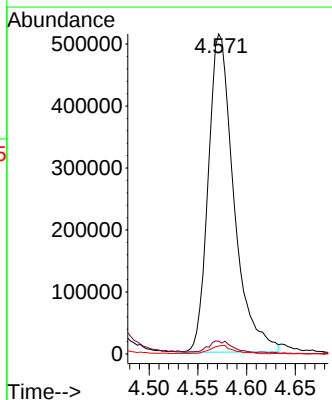
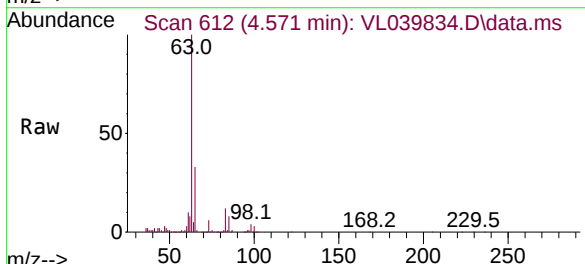
Ion	Ratio	Lower	Upper
43	100		
86	5.4	5.0	7.4
42	8.9	6.8	10.2
44	5.2	4.0	6.0

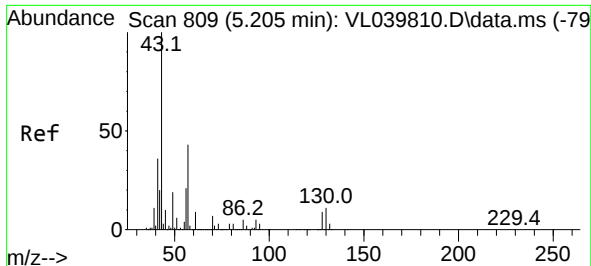


#24
 1,1-Dichloroethane
 Concen: 8.728 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 63 Resp: 939540

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.4
100	2.4	1.5	4.4



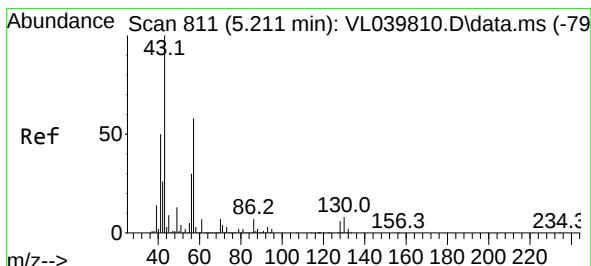
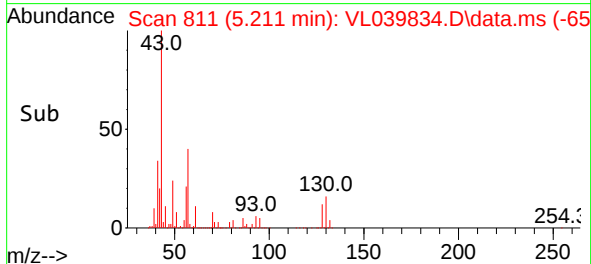
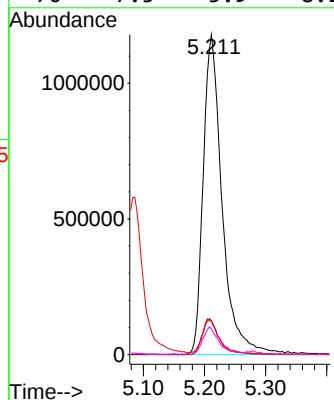
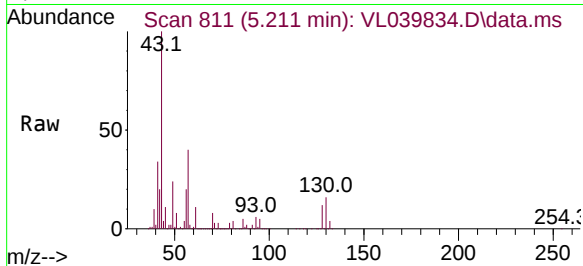


#25
Ethyl Acetate
Concen: 9.260 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

Tgt Ion: 43 Resp: 2523184

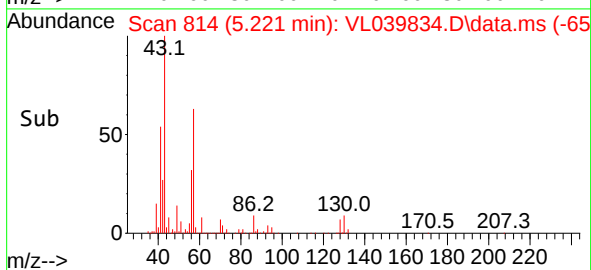
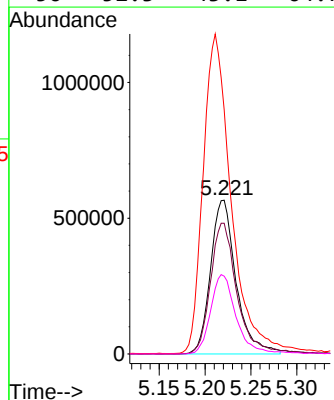
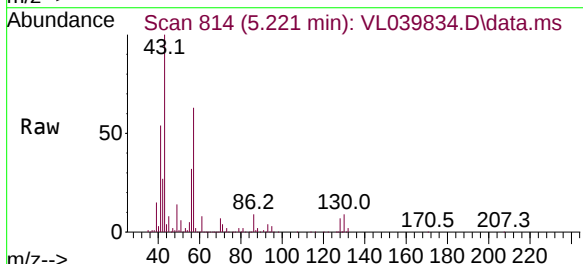
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.6	8.1	12.1
70	7.5	5.9	8.9

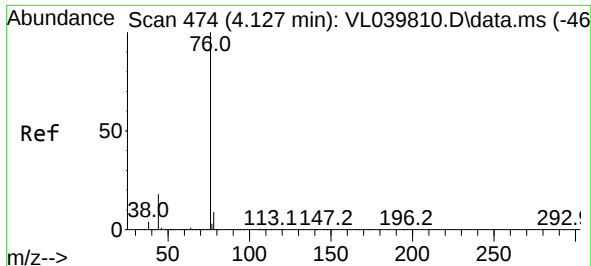


#26
Hexane
Concen: 9.020 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 57 Resp: 1095934

Ion	Ratio	Lower	Upper
57	100		
41	89.8	73.7	110.5
43	232.6	189.8	284.8
56	52.3	43.1	64.7

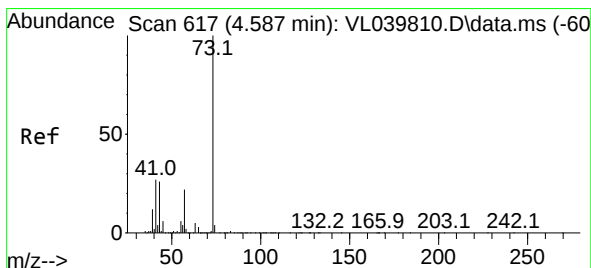
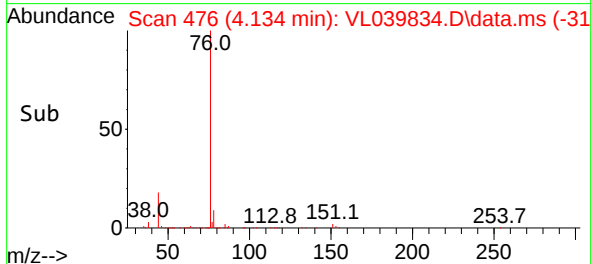
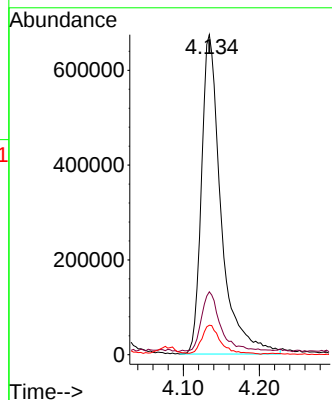
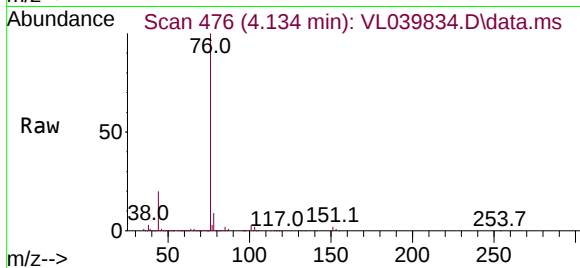




#27
Carbon Disulfide
Concen: 9.489 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

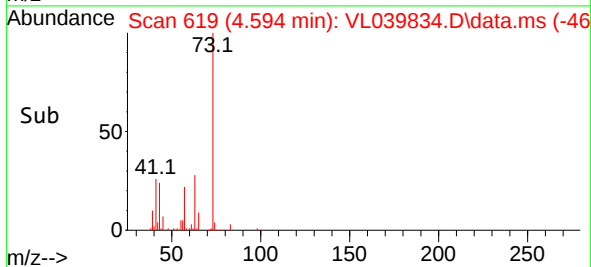
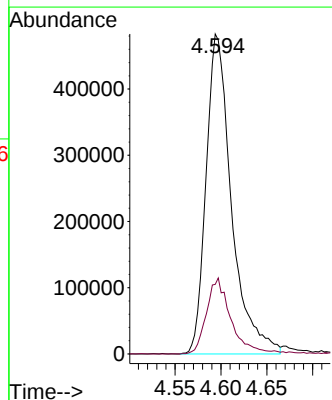
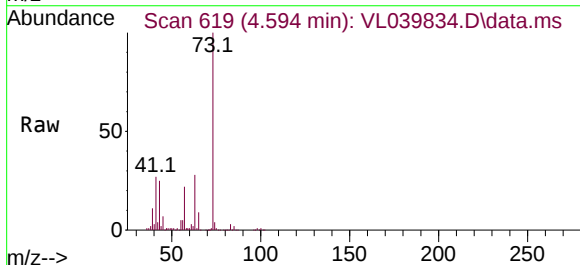
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

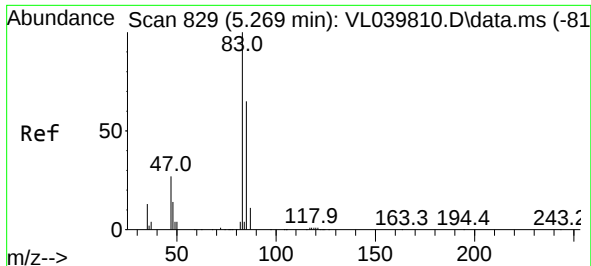
Tgt Ion: 76 Resp: 1210646
Ion Ratio Lower Upper
76 100
44 18.1 14.6 22.0
78 9.0 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.480 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 73 Resp: 932587
Ion Ratio Lower Upper
73 100
57 23.3 19.4 29.2





#29

Chloroform

Concen: 10.322 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

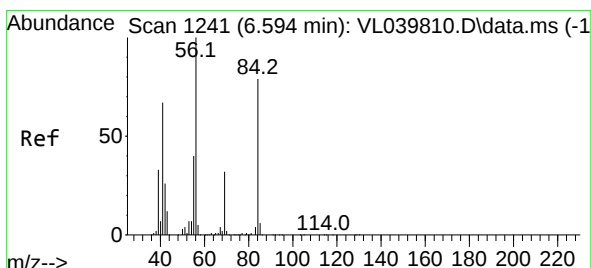
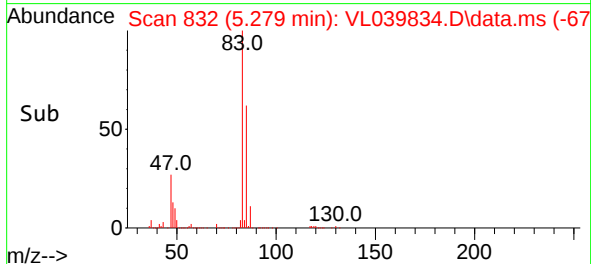
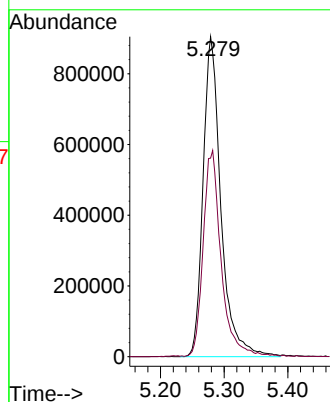
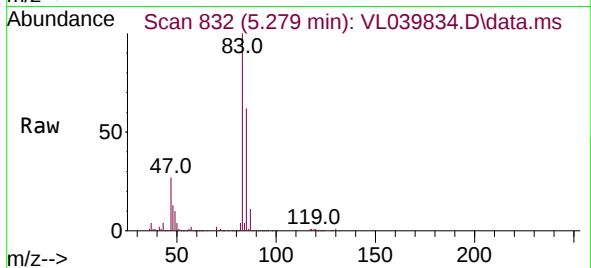
VL1107ABS01

Tgt Ion: 83 Resp: 1763411

Ion Ratio Lower Upper

83 100

85 61.9 51.6 77.4



#30

Cyclohexane

Concen: 9.395 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

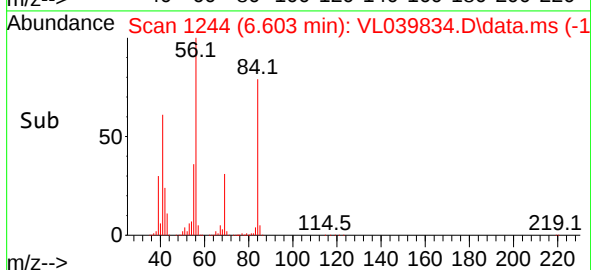
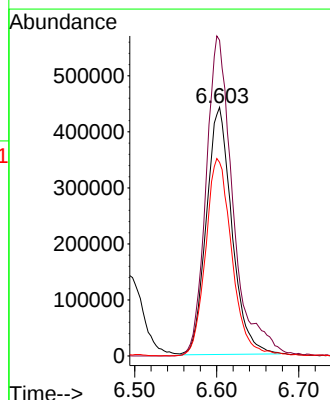
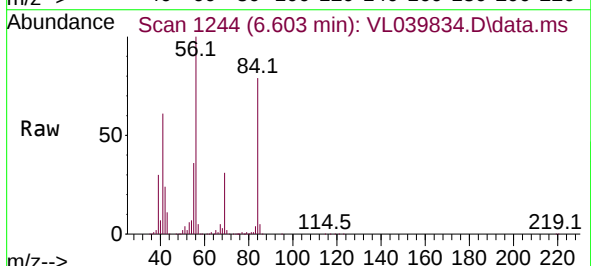
Tgt Ion: 84 Resp: 954504

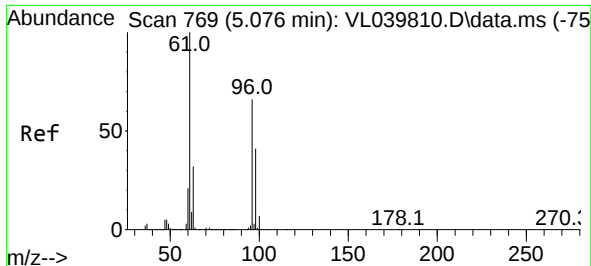
Ion Ratio Lower Upper

84 100

56 137.8 114.8 172.2

41 82.4 68.6 103.0

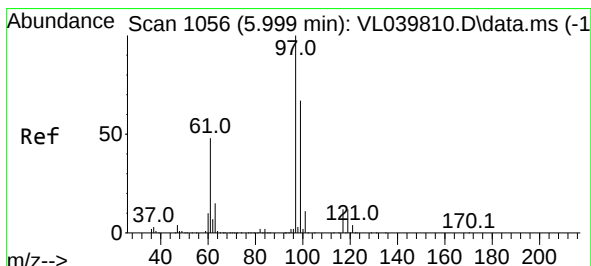
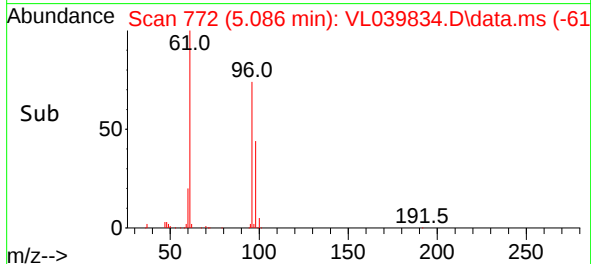
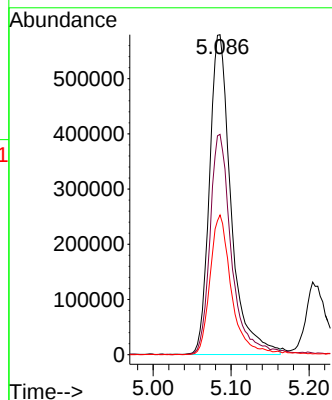
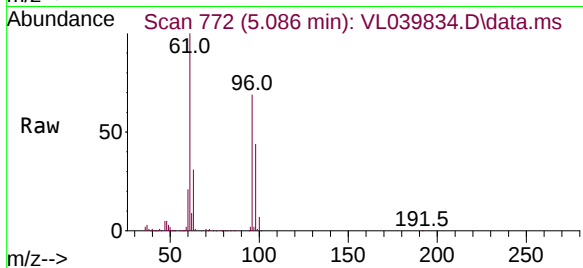




#31
 cis-1,2-Dichloroethene
 Concen: 10.061 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

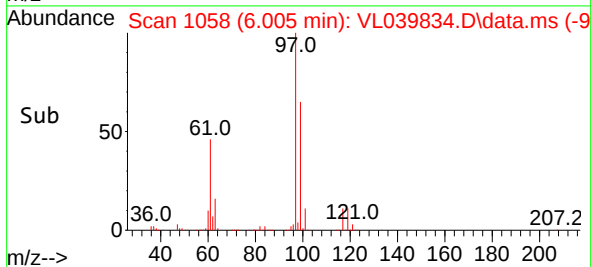
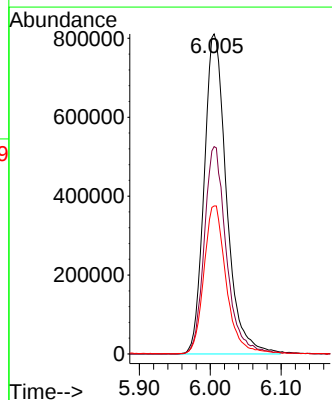
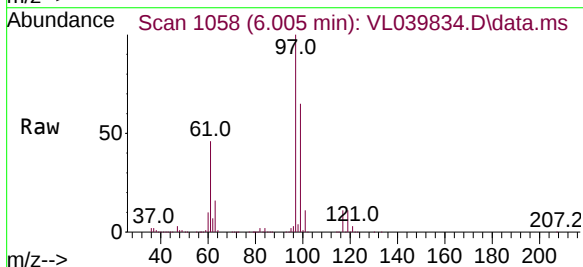
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

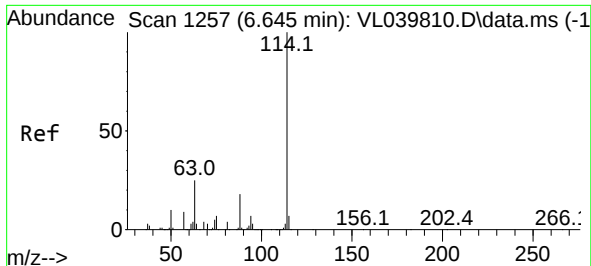
Tgt Ion: 61 Resp: 1114567
 Ion Ratio Lower Upper
 61 100
 96 68.8 52.6 78.8
 98 43.7 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 10.458 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 97 Resp: 1778505
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.7 79.1
 61 46.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

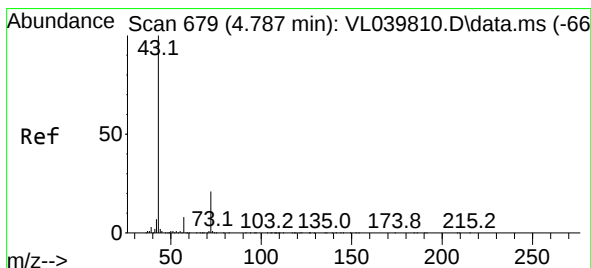
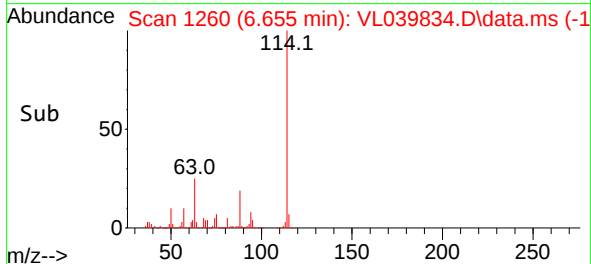
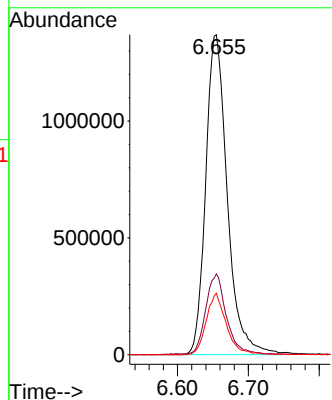
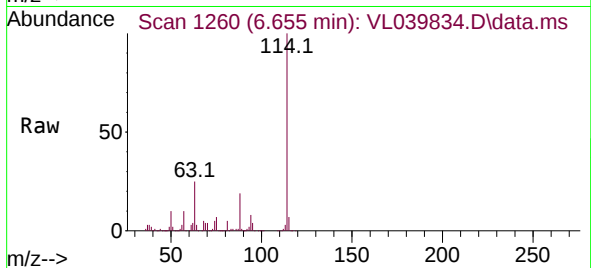
Tgt Ion:114 Resp: 2893942

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

88 18.0 14.4 21.6



#34

2-Butanone

Concen: 9.071 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.007 min

Lab File: VL039834.D

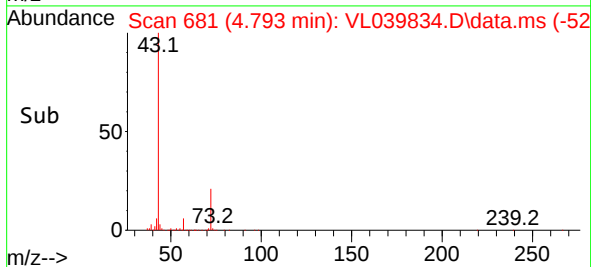
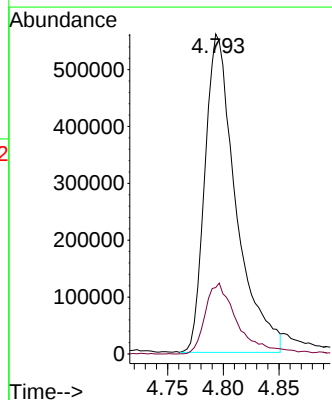
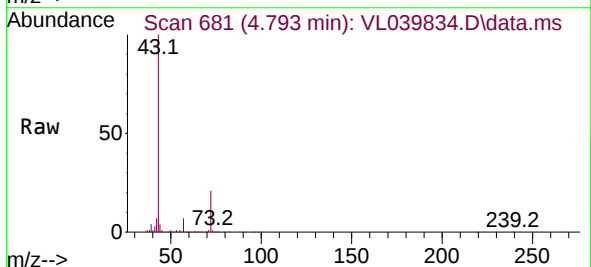
Acq: 7 Nov 2022 10:59

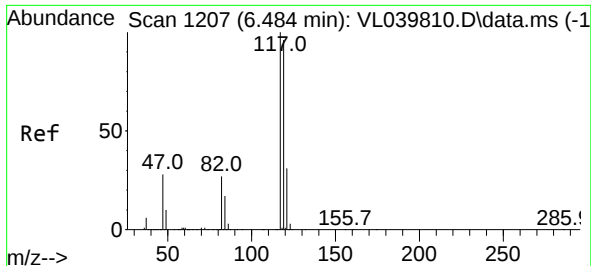
Tgt Ion: 43 Resp: 1082893

Ion Ratio Lower Upper

43 100

72 23.8 17.5 26.3

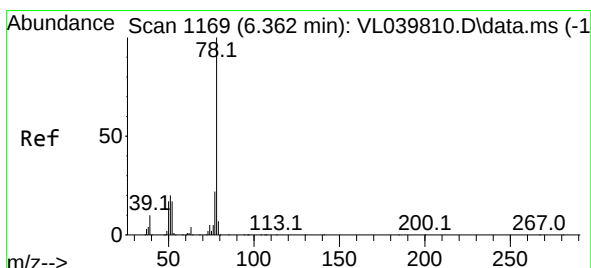
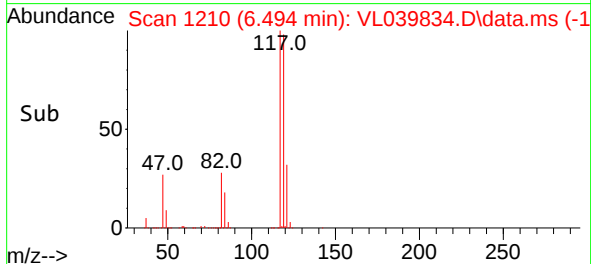
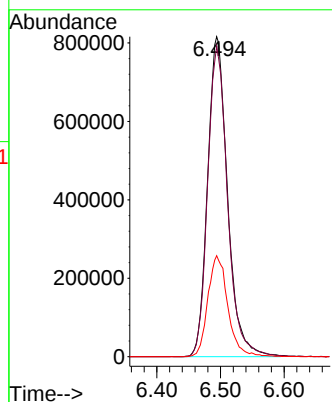
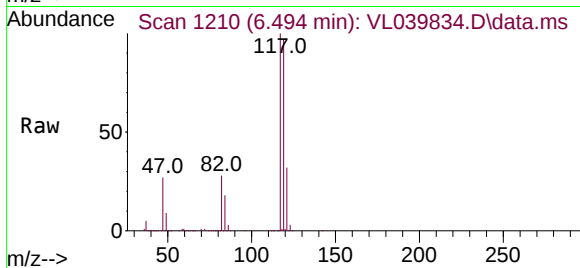




#35
Carbon Tetrachloride
Concen: 10.535 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

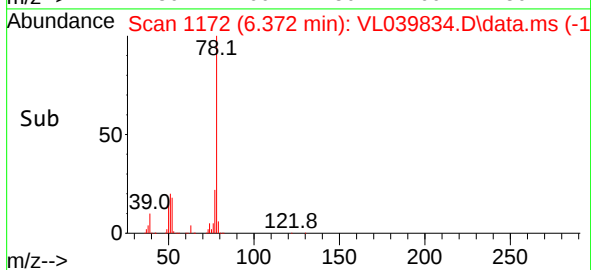
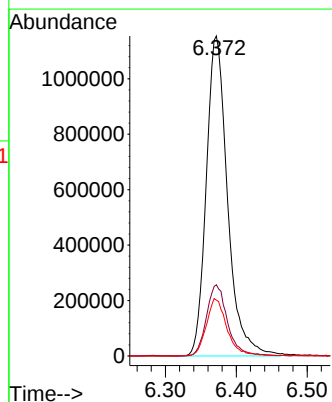
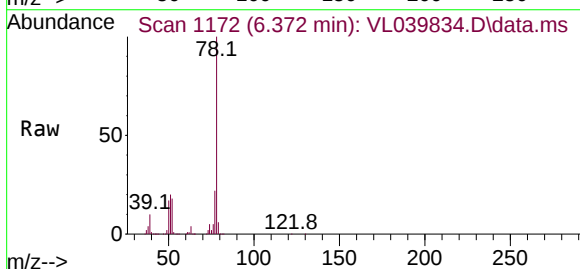
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

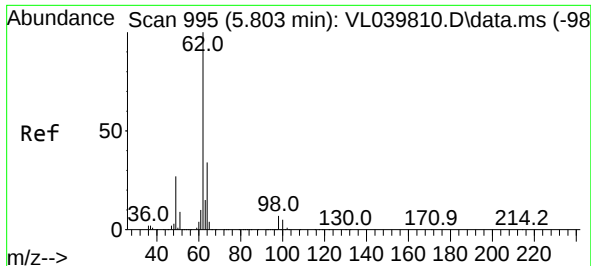
Tgt Ion:117 Resp: 1777033
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 31.5 25.2 37.8



#36
Benzene
Concen: 9.858 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 78 Resp: 2406585
Ion Ratio Lower Upper
78 100
77 22.2 17.4 26.2
50 17.4 13.9 20.9

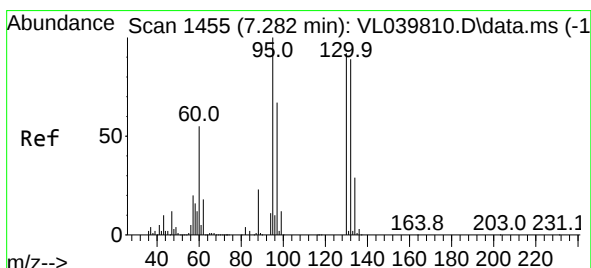
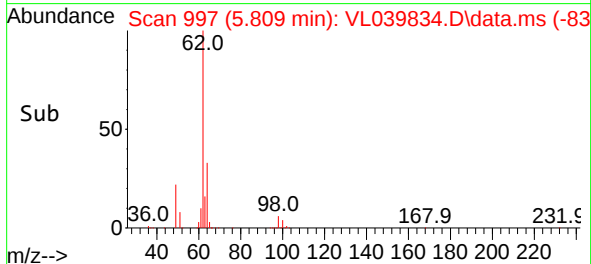
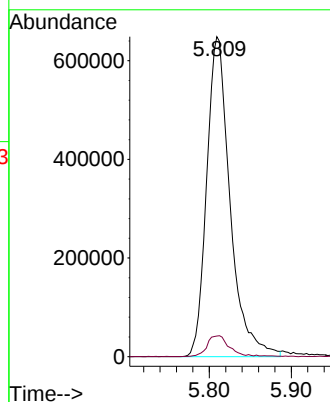
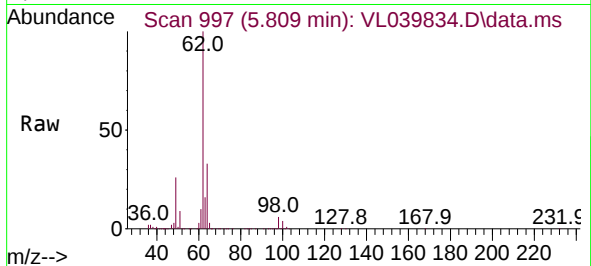




#37
1,2-Dichloroethane
Concen: 10.994 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

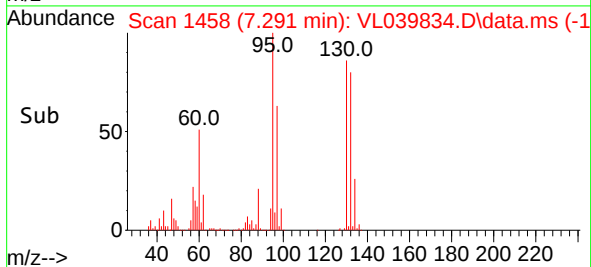
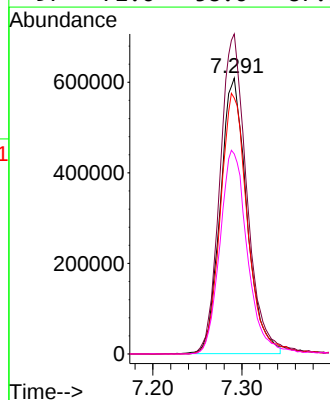
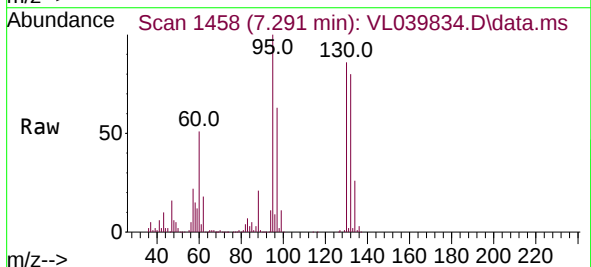
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

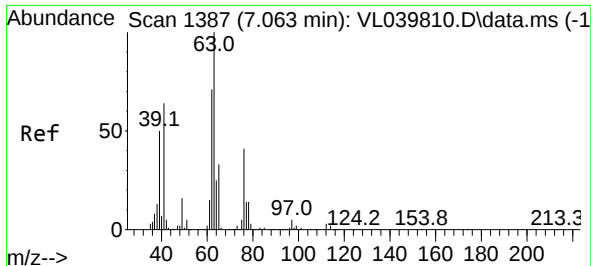
Tgt Ion: 62 Resp: 1287635
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.2



#38
Trichloroethene
Concen: 9.616 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:130 Resp: 1256476
Ion Ratio Lower Upper
130 100
95 116.1 87.4 131.2
132 92.8 77.7 116.5
97 72.6 58.6 87.8





#39

1,2-Dichloropropane

Concen: 9.772 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

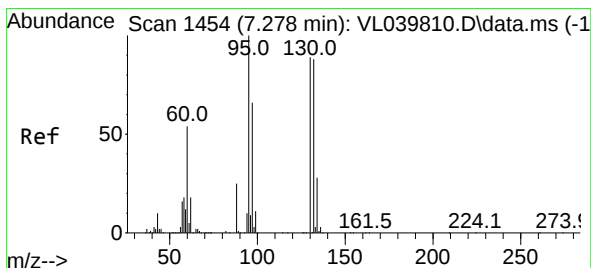
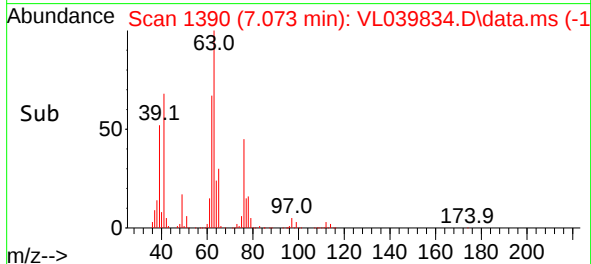
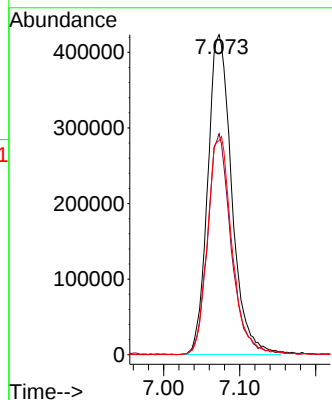
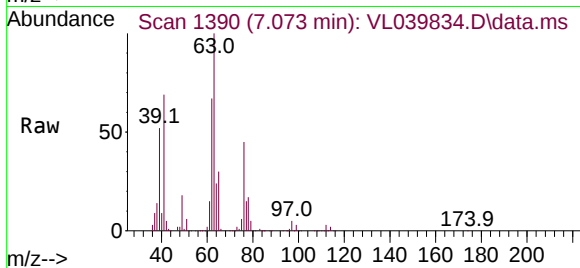
Tgt Ion: 63 Resp: 929481

Ion Ratio Lower Upper

63 100

41 69.0 51.0 76.4

62 66.7 56.6 85.0



#40

1,4-Dioxane

Concen: 9.923 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Tgt Ion: 88 Resp: 361396

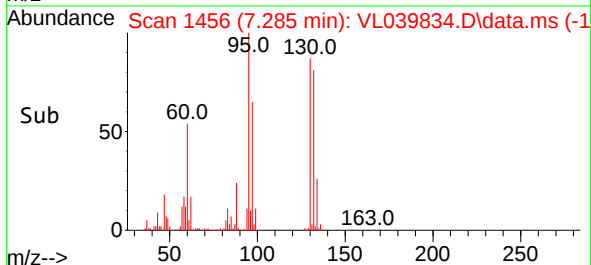
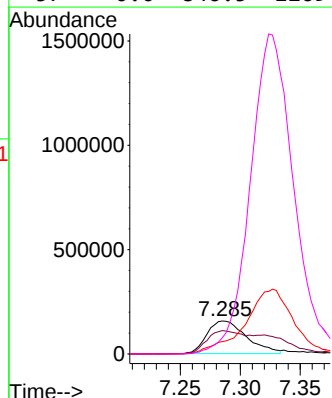
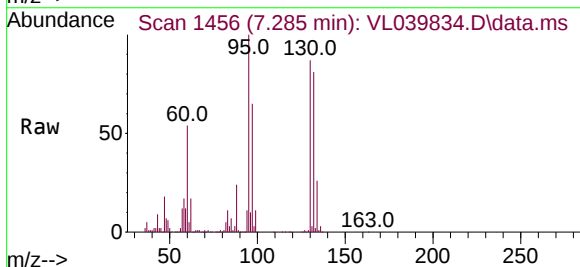
Ion Ratio Lower Upper

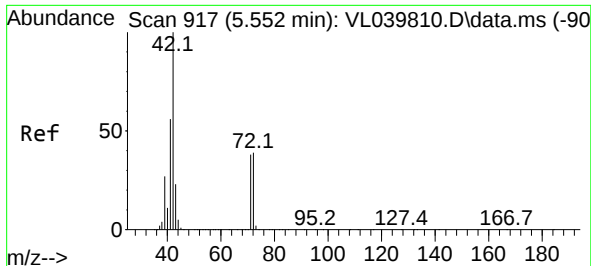
88 100

58 125.7 99.5 149.3

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 9.650 ppbv

RT: 5.558 min Scan# 917

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

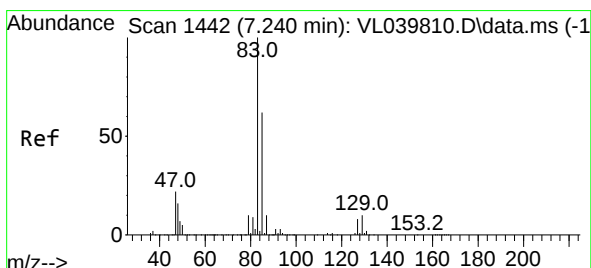
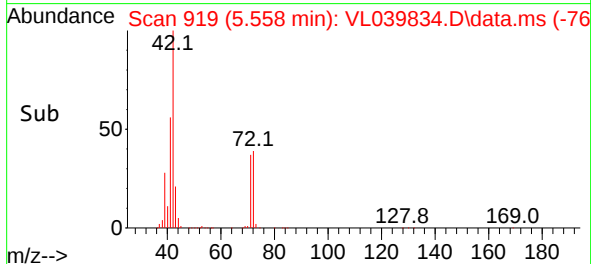
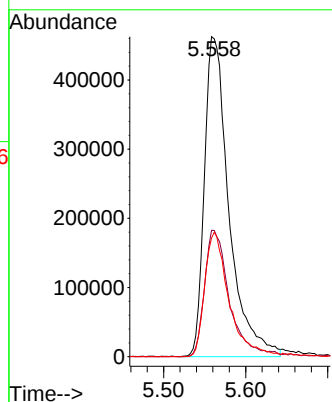
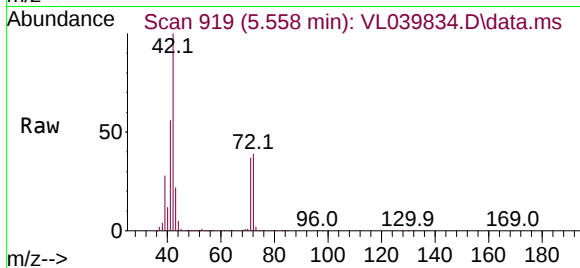
Tgt Ion: 42 Resp: 962898

Ion Ratio Lower Upper

42 100

72 40.5 31.4 47.2

71 39.2 31.5 47.3



#42

Bromodichloromethane

Concen: 10.334 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

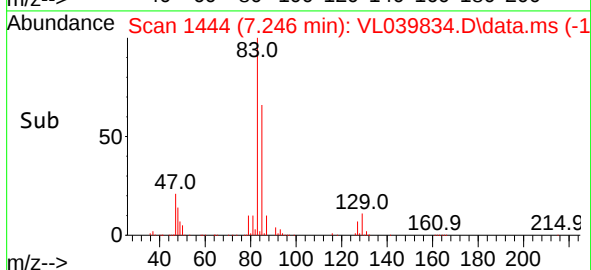
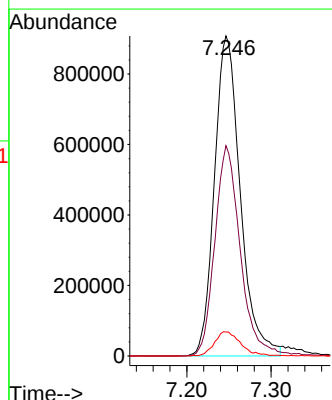
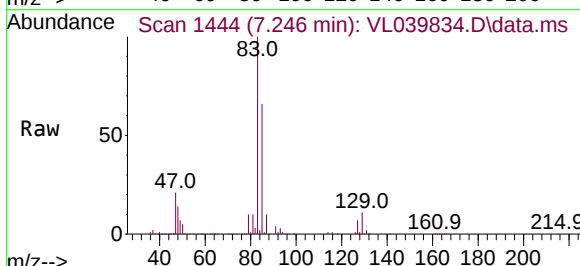
Tgt Ion: 83 Resp: 1933093

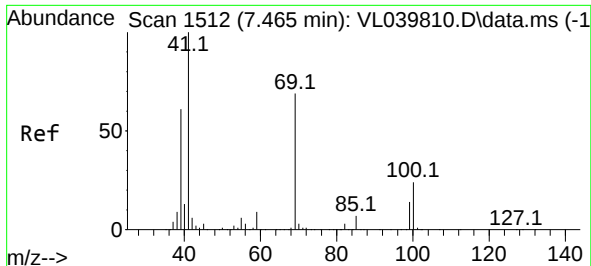
Ion Ratio Lower Upper

83 100

85 65.7 49.9 74.9

127 7.5 6.4 9.6

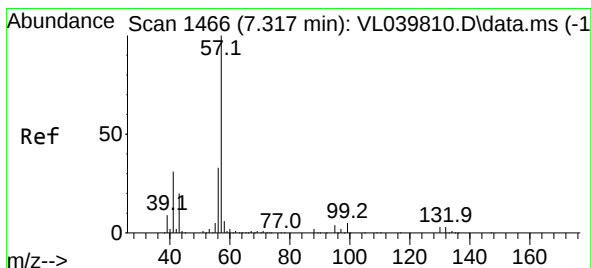
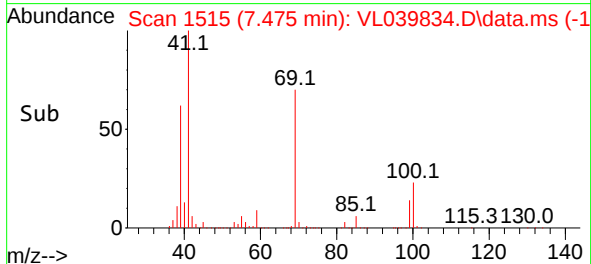
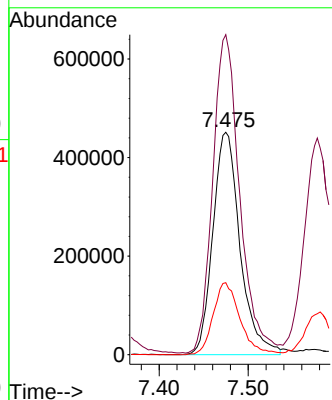
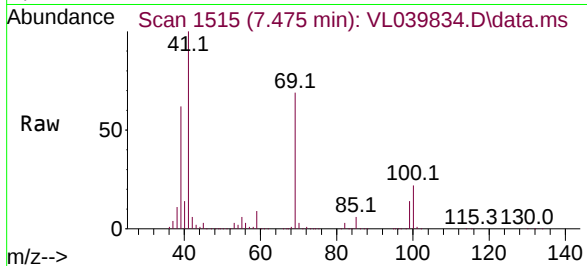




#43
Methyl Methacrylate
Concen: 9.909 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

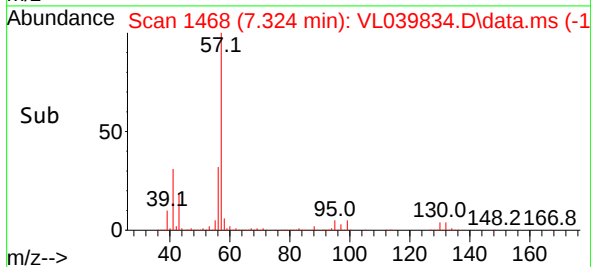
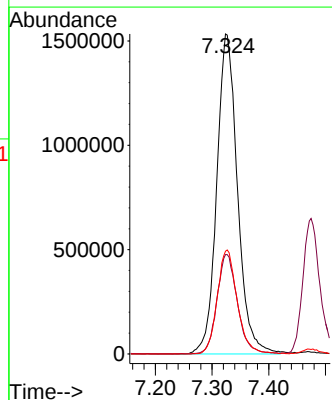
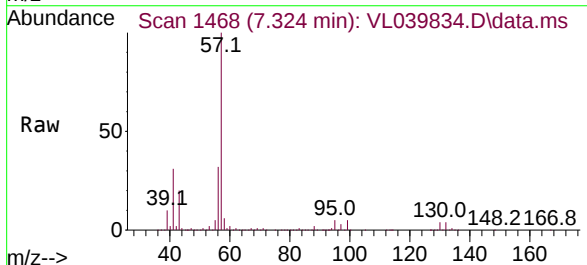
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

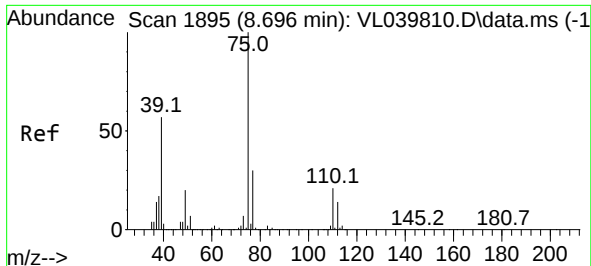
Tgt Ion: 69 Resp: 955999
Ion Ratio Lower Upper
69 100
41 143.4 115.7 173.5
100 32.0 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 9.451 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 57 Resp: 3894128
Ion Ratio Lower Upper
57 100
41 30.7 24.6 36.8
56 31.4 25.4 38.0

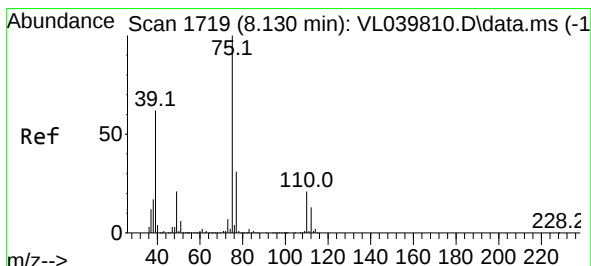
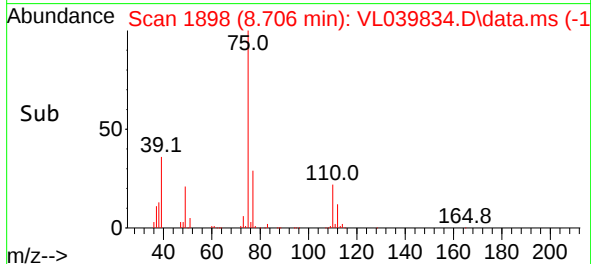
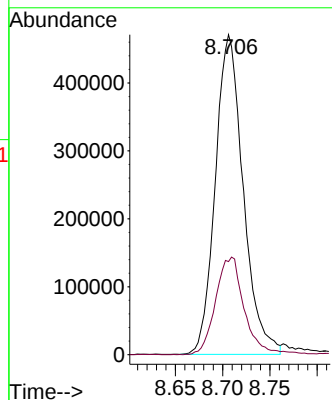
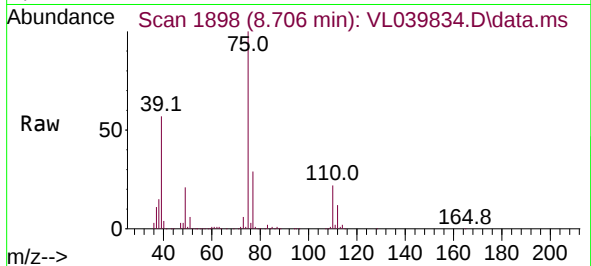




#45
 t-1,3-Dichloropropene
 Concen: 10.445 ppbv
 RT: 8.706 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

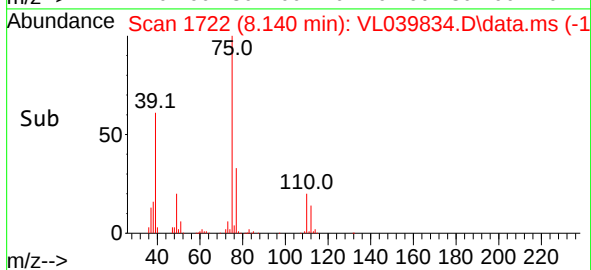
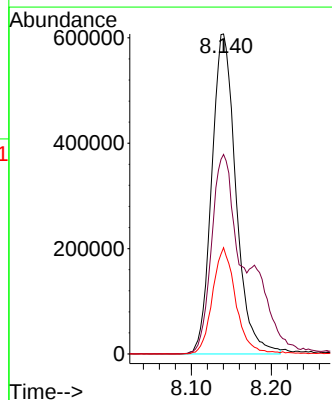
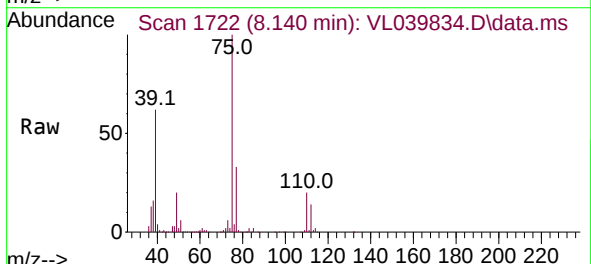
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

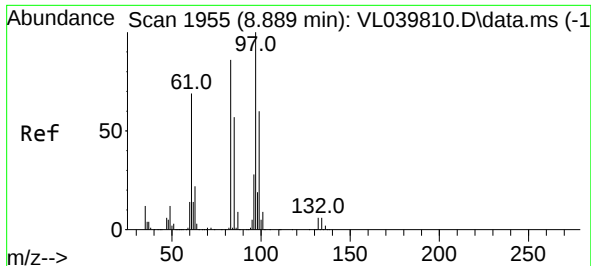
Tgt Ion: 75 Resp: 965295
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 10.102 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 75 Resp: 1274297
 Ion Ratio Lower Upper
 75 100
 39 62.3 50.0 75.0
 77 33.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.005 ppbv

RT: 8.893 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 97 Resp: 963550

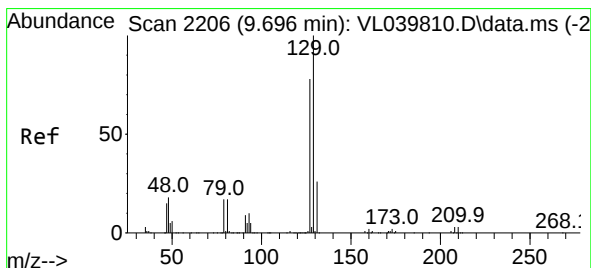
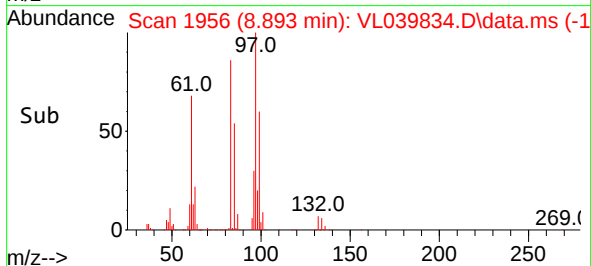
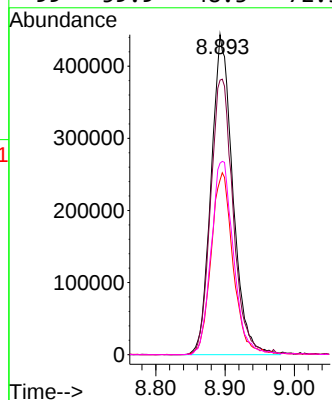
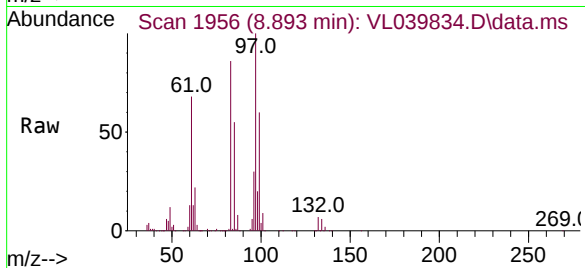
Ion Ratio Lower Upper

97 100

83 85.7 68.8 103.2

85 54.6 45.8 68.6

99 59.9 48.3 72.5



#48

Dibromochloromethane

Concen: 9.598 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.007 min

Lab File: VL039834.D

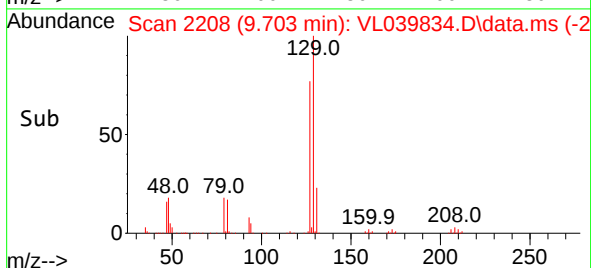
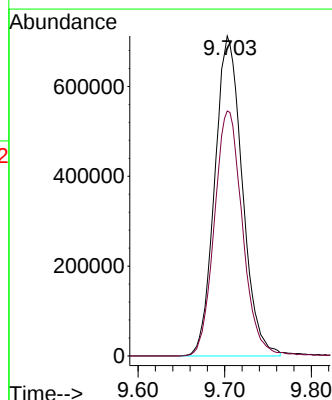
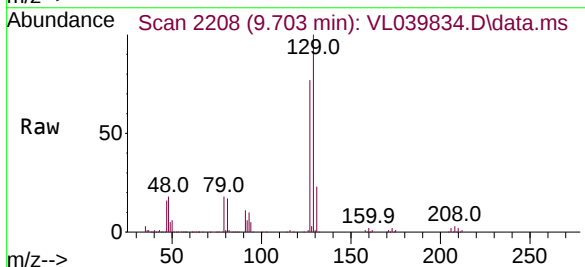
Acq: 7 Nov 2022 10:59

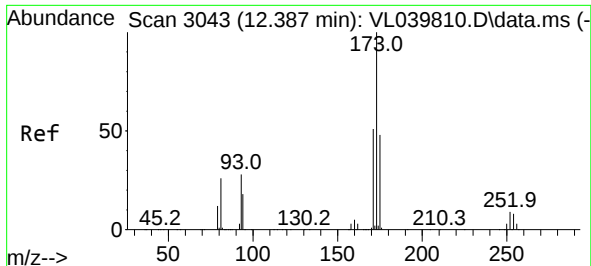
Tgt Ion: 129 Resp: 1575124

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1

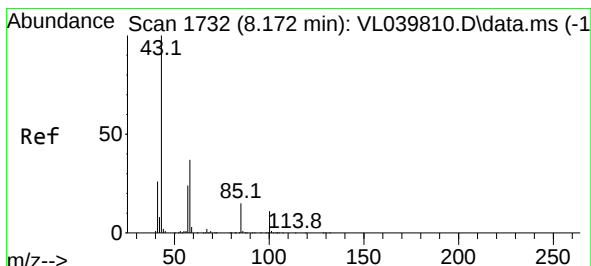
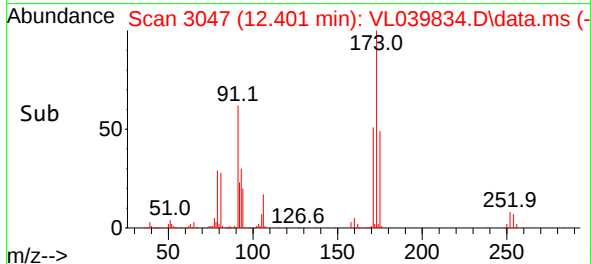
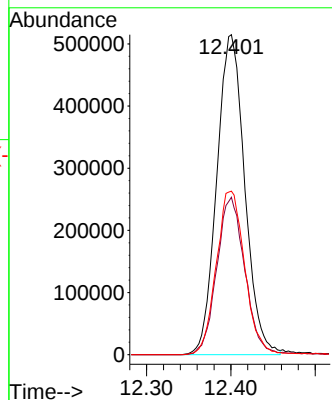
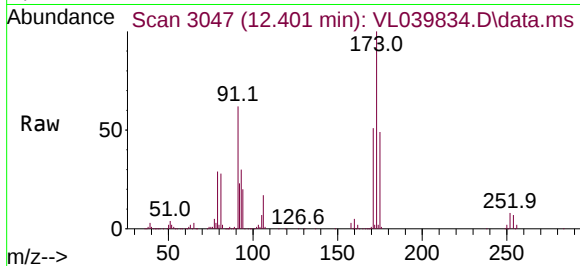




#49
Bromoform
Concen: 8.991 ppbv
RT: 12.401 min Scan# 3043
Delta R.T. 0.013 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

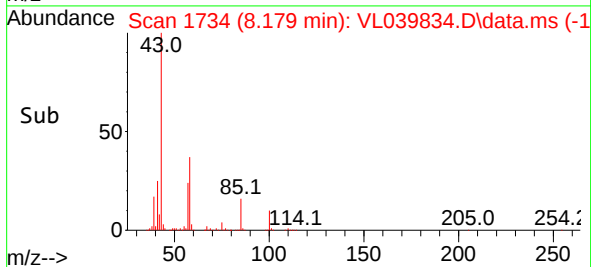
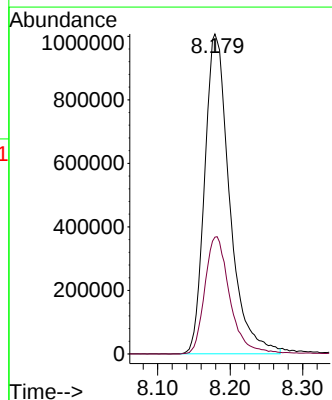
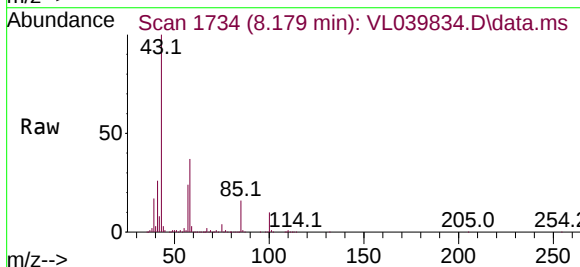
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

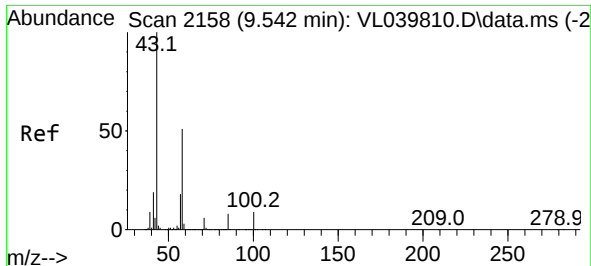
Tgt Ion:173 Resp: 1185987
Ion Ratio Lower Upper
173 100
175 49.7 39.7 59.5
171 52.3 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 9.826 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 43 Resp: 2401709
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6

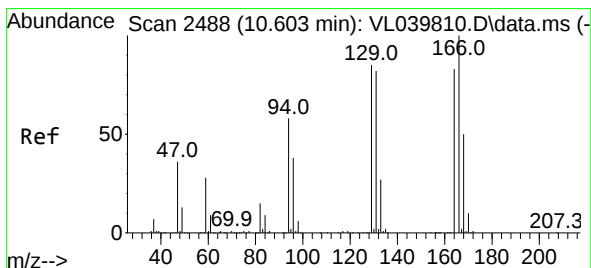
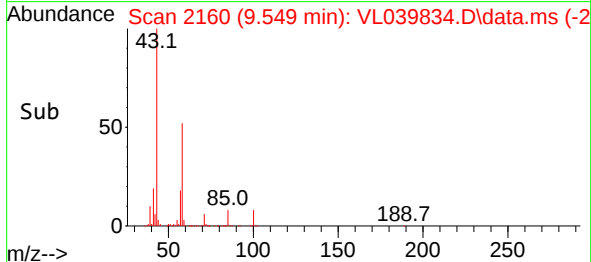
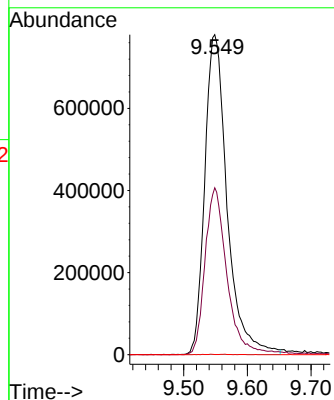
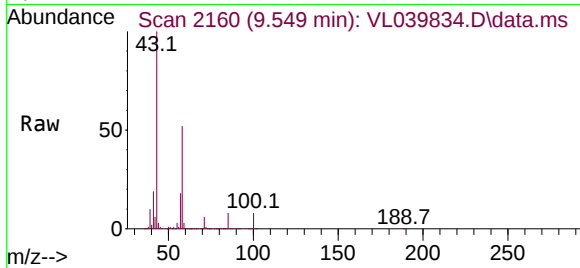




#51
2-Hexanone
Concen: 9.959 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

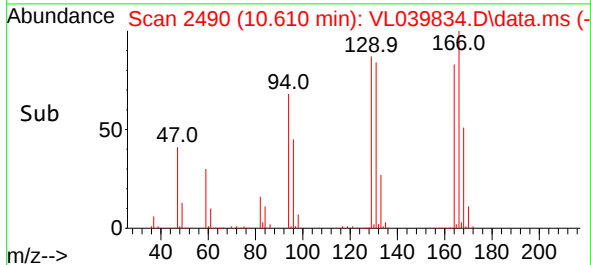
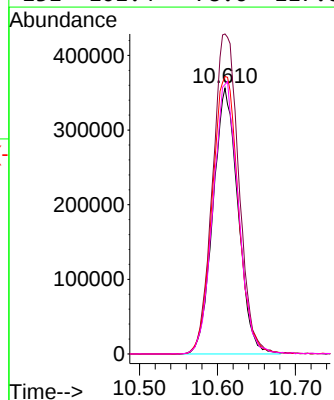
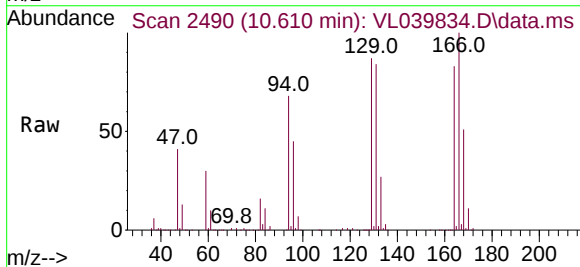
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

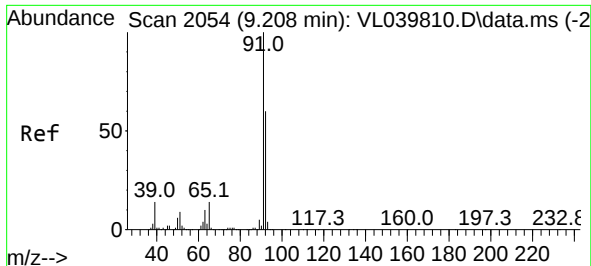
Tgt Ion: 43 Resp: 1897986
Ion Ratio Lower Upper
43 100
58 51.7 40.5 60.7
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.663 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 164 Resp: 792314
Ion Ratio Lower Upper
164 100
166 120.4 96.0 144.0
129 104.3 81.4 122.2
131 101.4 78.6 117.8

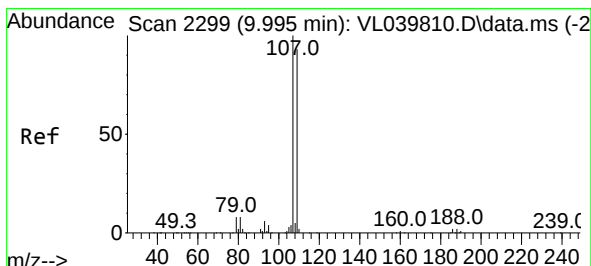
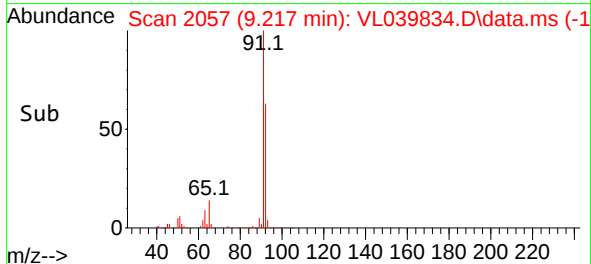
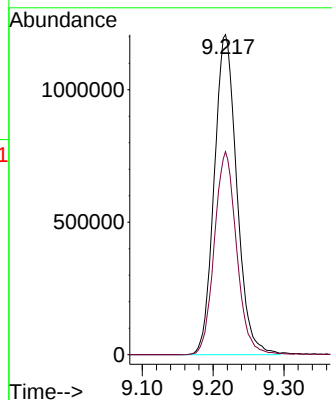
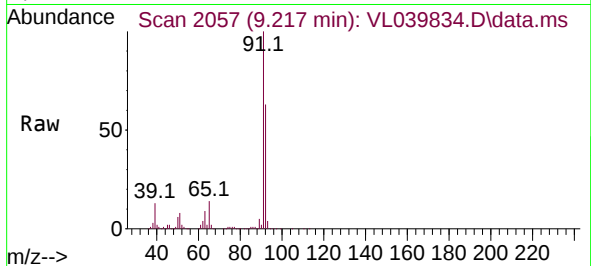




#53
Toluene
Concen: 9.544 ppbv
RT: 9.217 min Scan# 2054
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

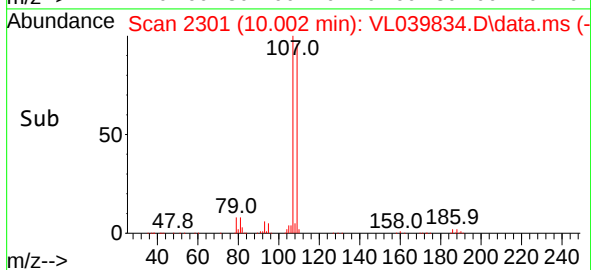
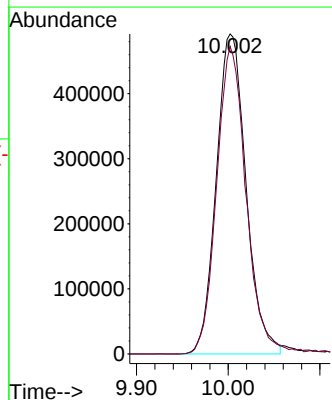
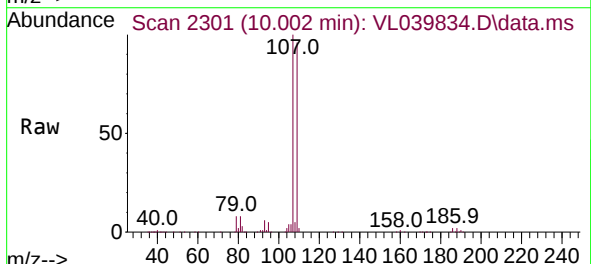
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

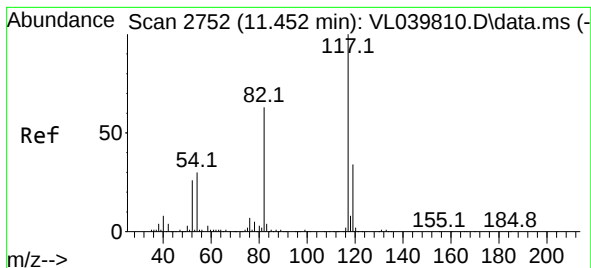
Tgt Ion: 91 Resp: 2672773
Ion Ratio Lower Upper
91 100
92 62.6 49.6 74.4



#54
1,2-Dibromoethane
Concen: 10.376 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 107 Resp: 1109111
Ion Ratio Lower Upper
107 100
109 96.1 74.5 111.7

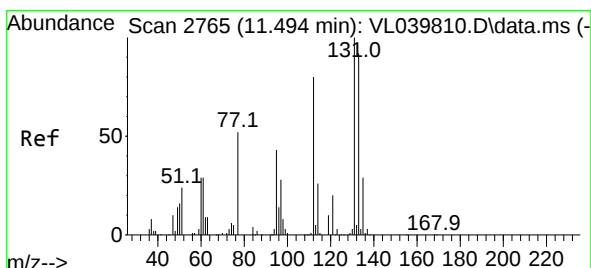
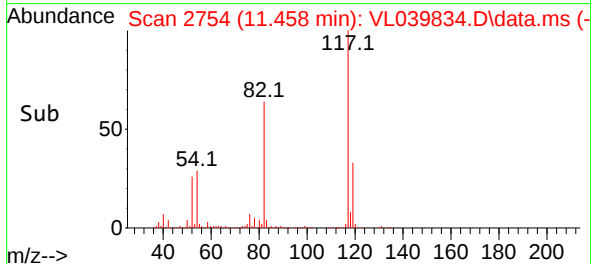
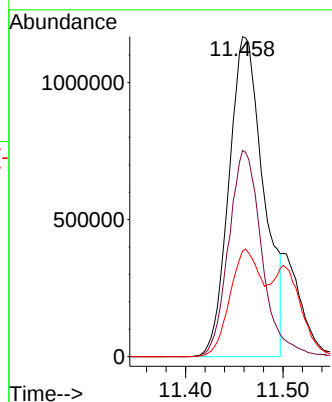
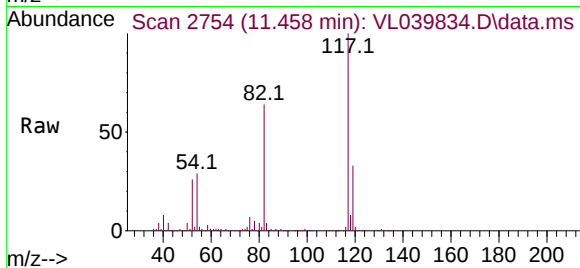




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

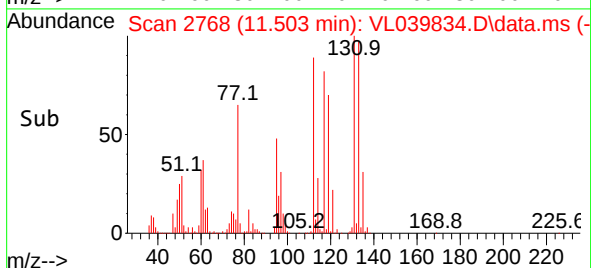
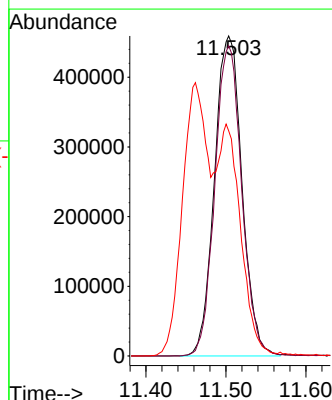
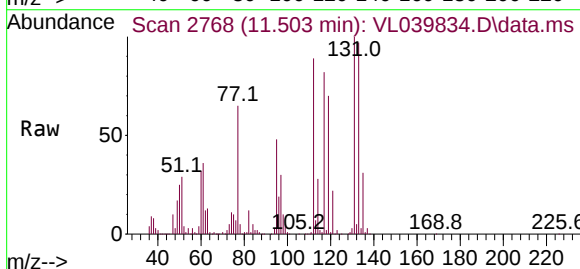
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

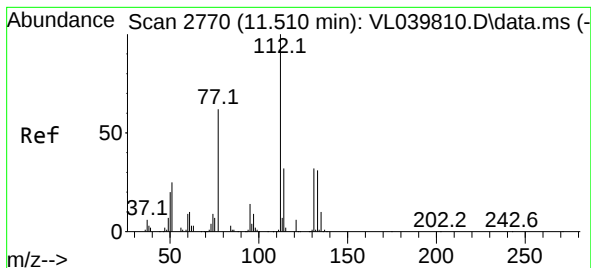
Tgt Ion:117 Resp: 2883379
Ion Ratio Lower Upper
117 100
82 62.4 51.0 76.6
119 32.9 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 8.908 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:131 Resp: 1098188
Ion Ratio Lower Upper
131 100
133 94.9 76.9 115.3
119 67.0 52.2 78.2





#57

Chlorobenzene

Concen: 8.681 ppbv

RT: 11.523 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

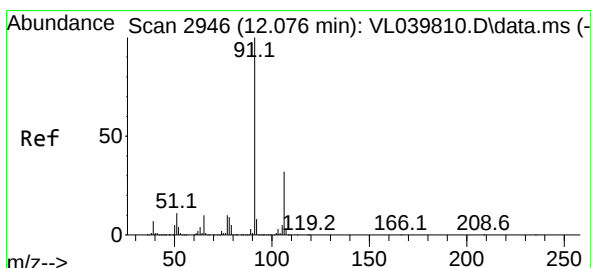
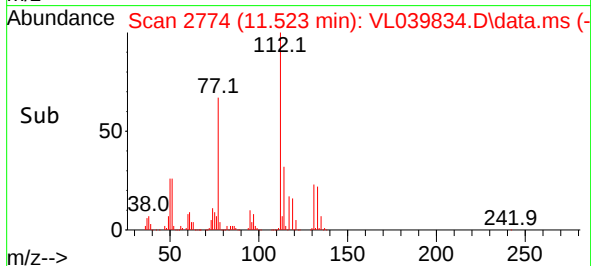
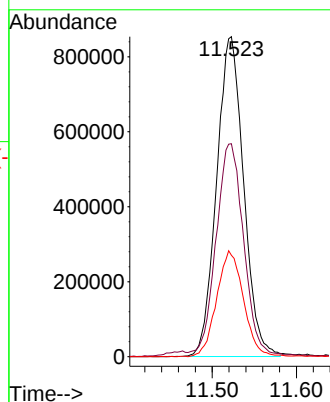
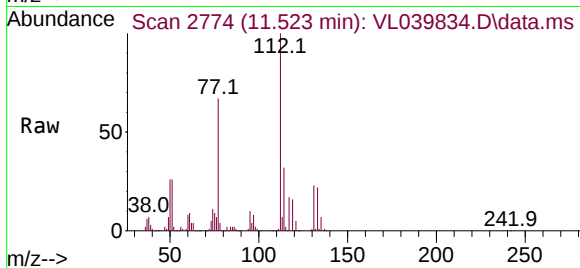
Tgt Ion:112 Resp: 1898680

Ion Ratio Lower Upper

112 100

77 65.5 49.8 74.6

114 31.6 29.0 35.4



#58

Ethyl Benzene

Concen: 9.006 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. 0.007 min

Lab File: VL039834.D

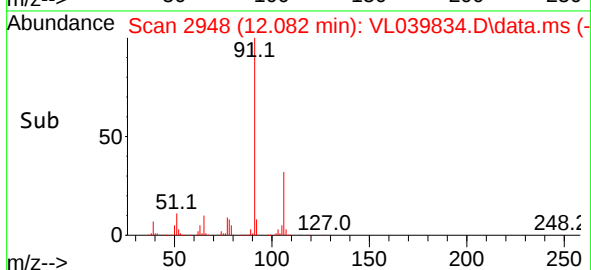
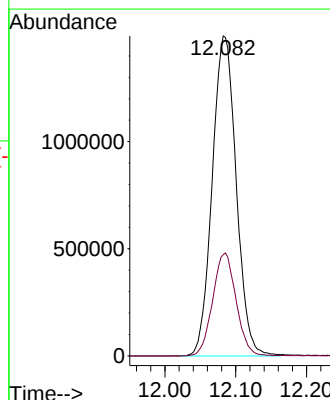
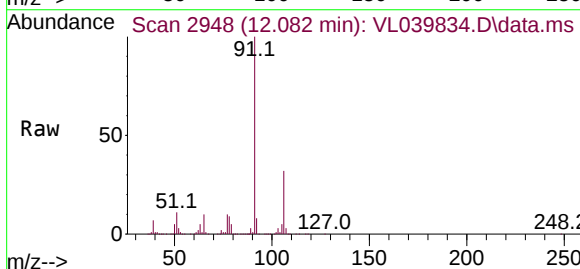
Acq: 7 Nov 2022 10:59

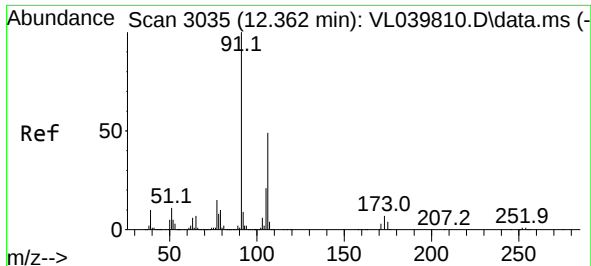
Tgt Ion: 91 Resp: 3511249

Ion Ratio Lower Upper

91 100

106 31.7 25.9 38.9





#59

m/p-Xylene

Concen: 9.438 ppbv

RT: 12.368 min Scan# 3035

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

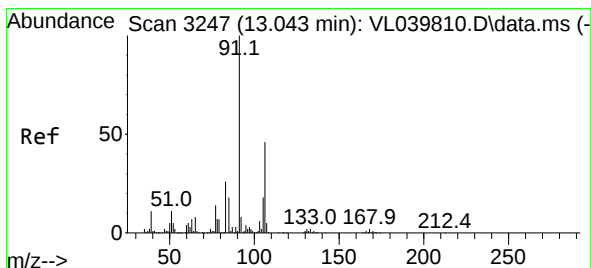
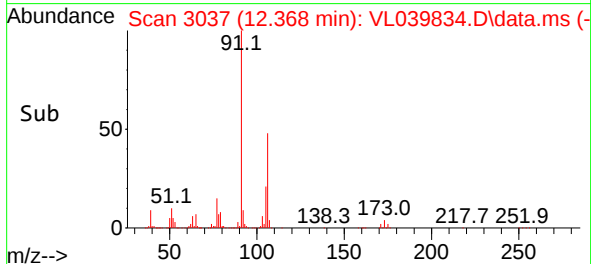
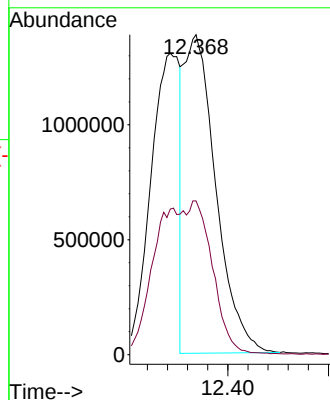
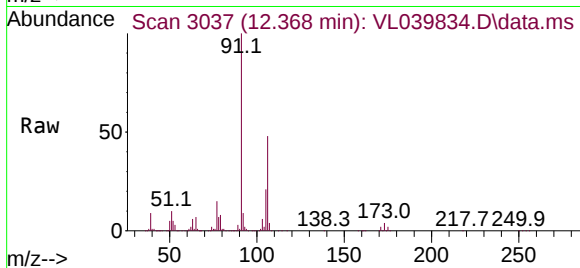
VL1107ABS01

Tgt Ion: 91 Resp: 3071470

Ion Ratio Lower Upper

91 100

106 84.8 37.6 56.4#



#60

o-Xylene

Concen: 8.834 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.010 min

Lab File: VL039834.D

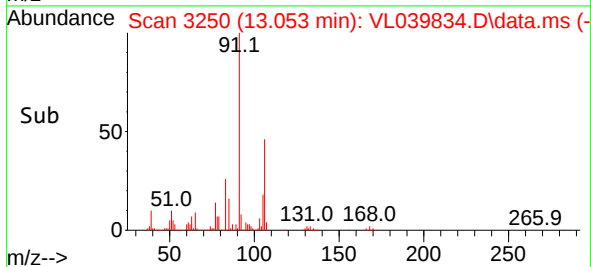
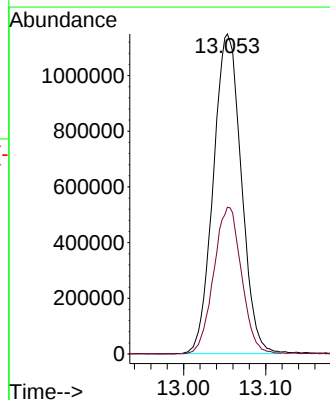
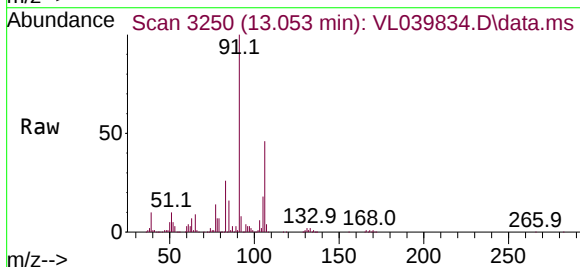
Acq: 7 Nov 2022 10:59

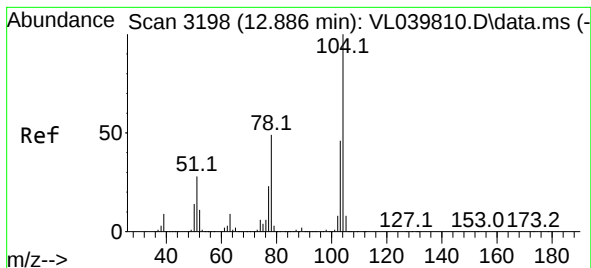
Tgt Ion: 91 Resp: 2723609

Ion Ratio Lower Upper

91 100

106 45.9 23.6 70.8





#61

Styrene

Concen: 9.047 ppbv

RT: 12.893 min Scan# 3198

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

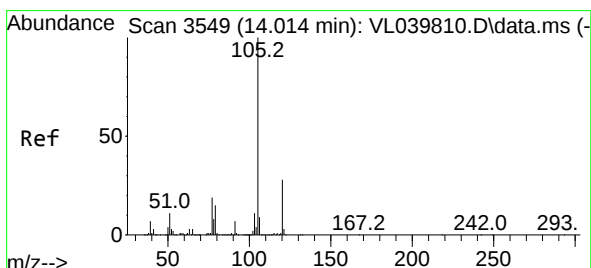
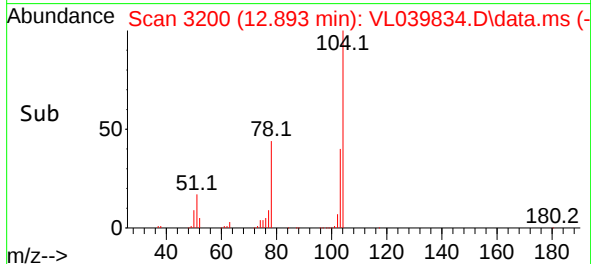
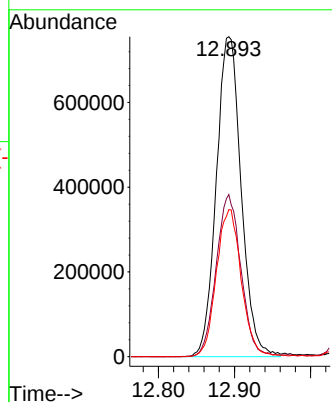
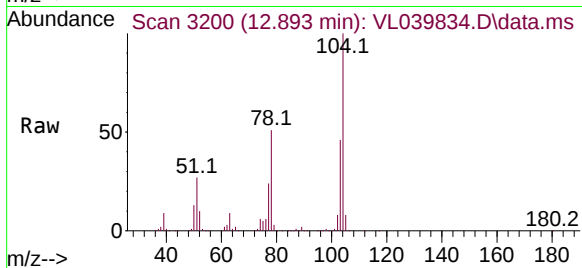
Tgt Ion:104 Resp: 1716401

Ion Ratio Lower Upper

104 100

78 50.6 40.2 60.2

103 46.5 37.5 56.3



#62

Isopropylbenzene

Concen: 8.525 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.010 min

Lab File: VL039834.D

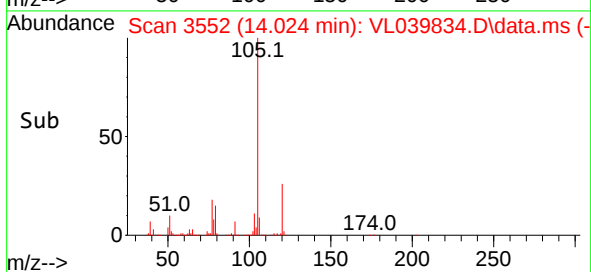
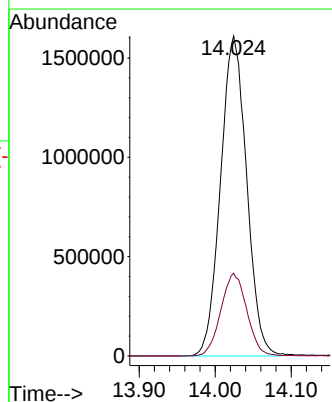
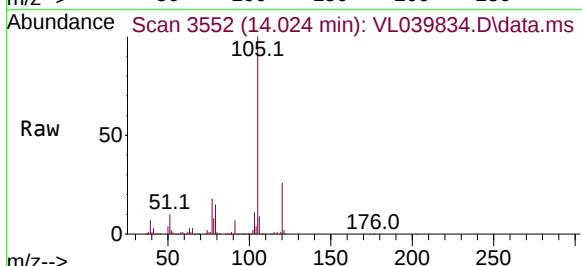
Acq: 7 Nov 2022 10:59

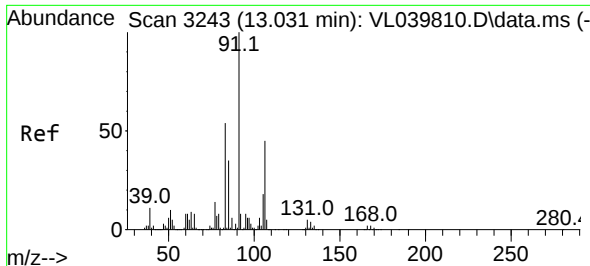
Tgt Ion:105 Resp: 3834444

Ion Ratio Lower Upper

105 100

120 25.7 21.7 32.5

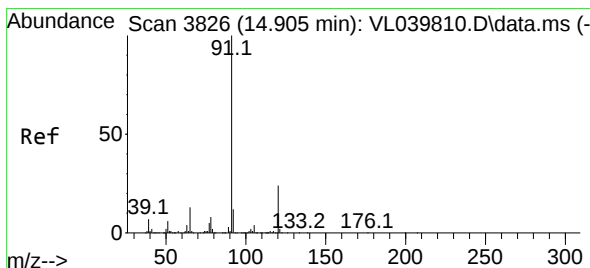
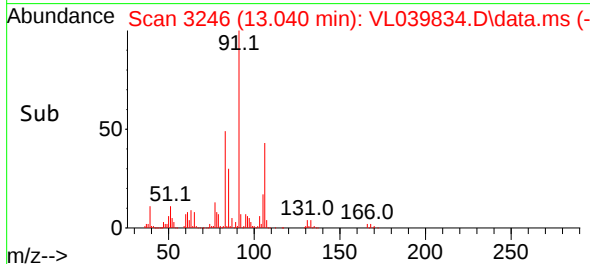
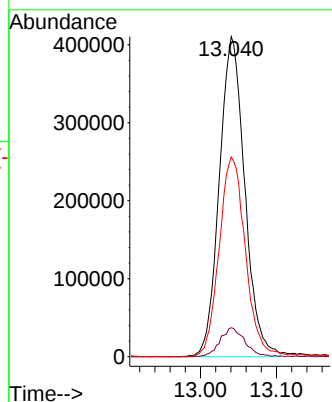
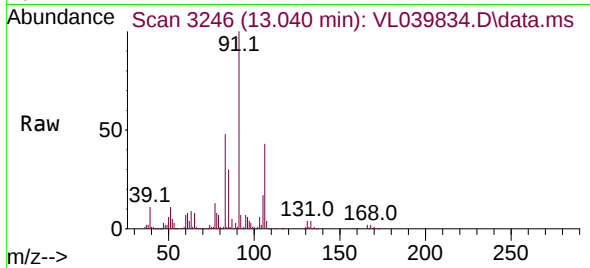




#63
1,1,2,2-Tetrachloroethane
Concen: 8.289 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

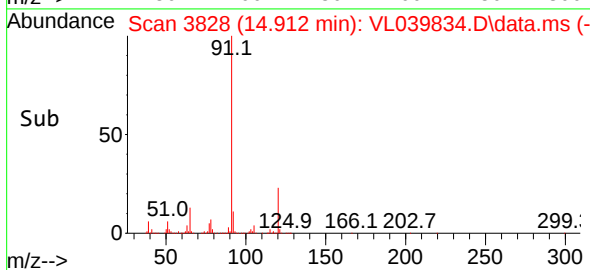
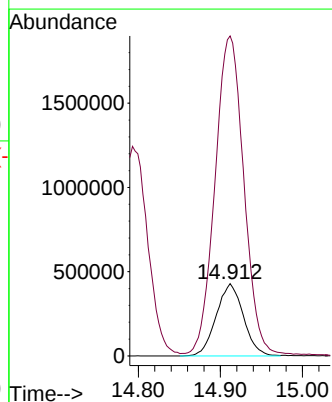
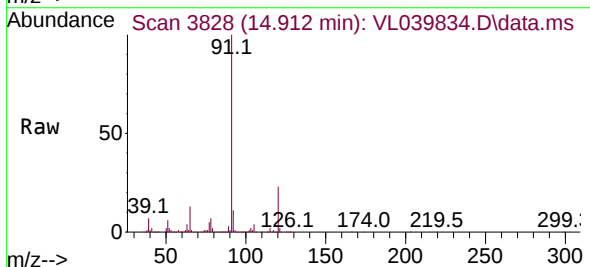
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

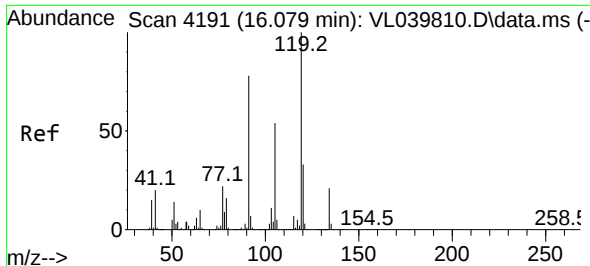
Tgt Ion: 83 Resp: 951734
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 64.8 33.3 99.9



#64
n-propylbenzene
Concen: 8.219 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:120 Resp: 988856
Ion Ratio Lower Upper
120 100
91 473.5 354.9 532.3

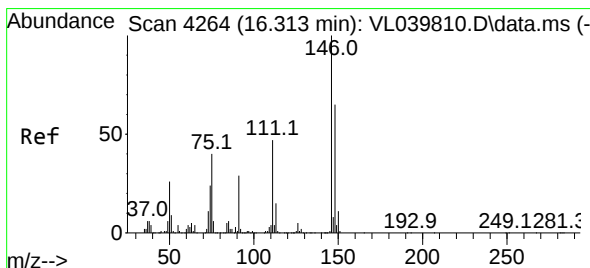
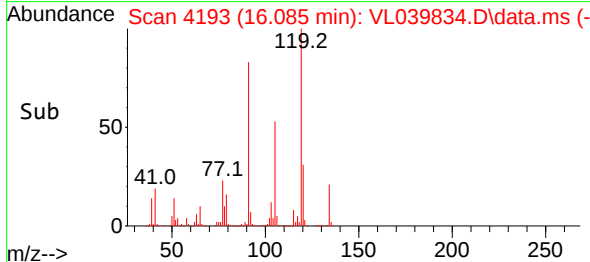
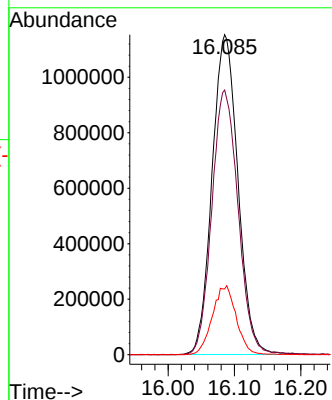
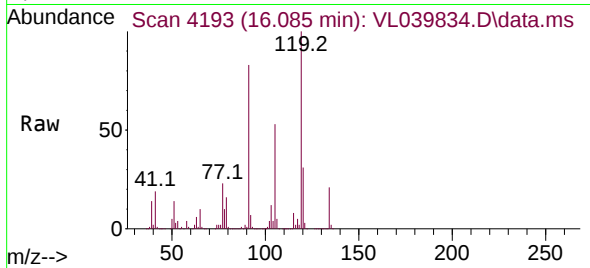




#65
tert-Butylbenzene
Concen: 7.899 ppbv
RT: 16.085 min Scan# 4191
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

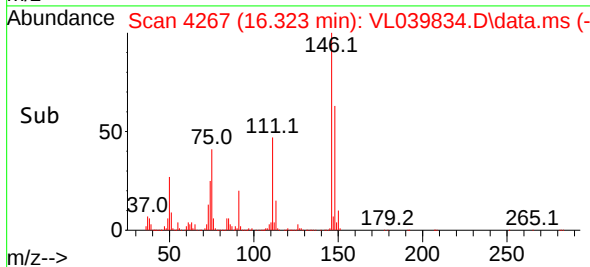
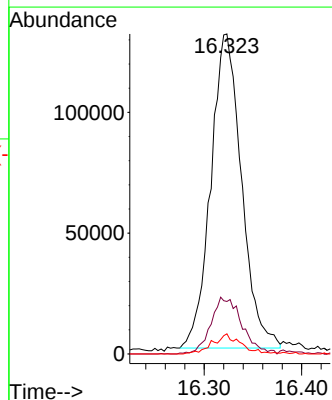
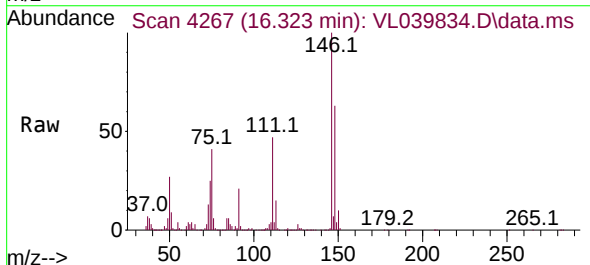
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

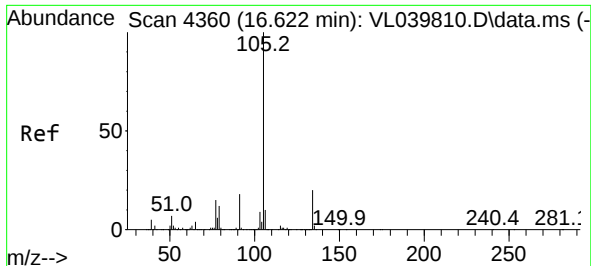
Tgt Ion:119 Resp: 3119331
Ion Ratio Lower Upper
119 100
91 84.4 63.7 95.5
134 20.0 16.2 24.4



#66
Benzyl Chloride
Concen: 6.213 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 91 Resp: 285269
Ion Ratio Lower Upper
91 100
126 19.0 15.6 23.4
128 6.0 4.9 7.3





#67

sec-Butylbenzene

Concen: 8.299 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_1

ClientSampleId :

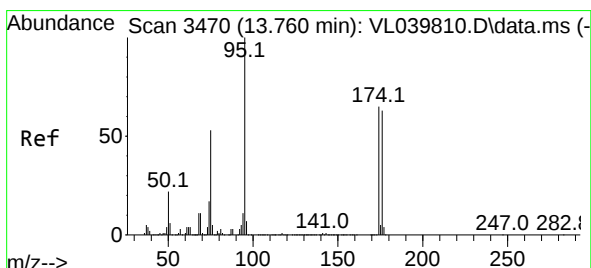
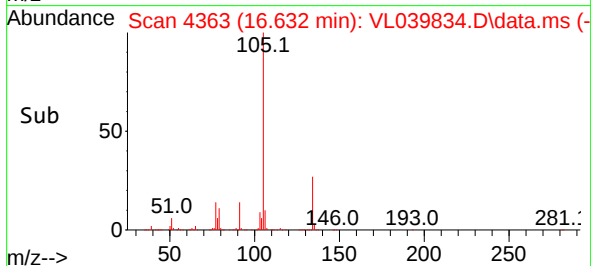
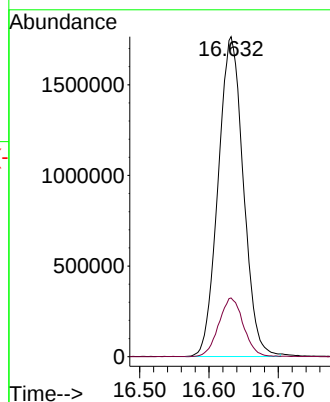
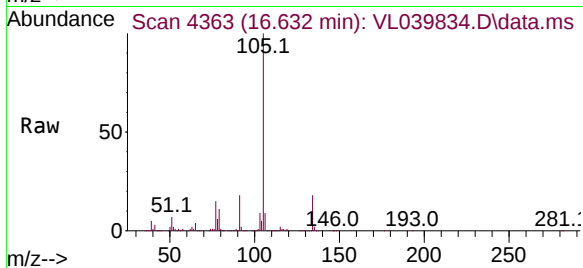
VL1107ABS01

Tgt Ion:105 Resp: 4461408

Ion Ratio Lower Upper

105 100

134 18.0 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.065 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

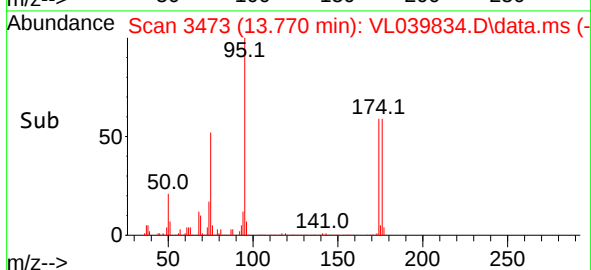
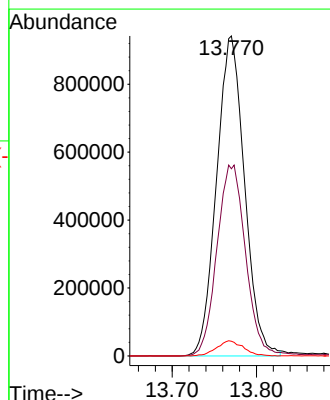
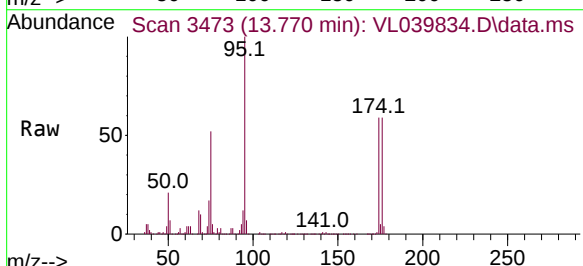
Tgt Ion: 95 Resp: 2172145

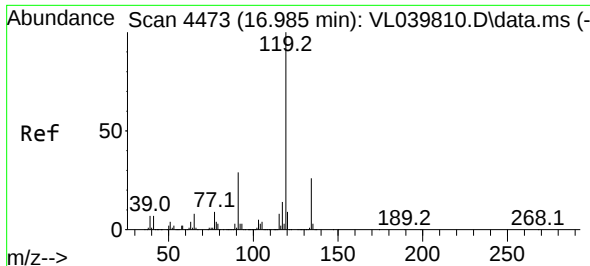
Ion Ratio Lower Upper

95 100

174 62.2 53.4 80.0

175 4.6 4.1 6.1

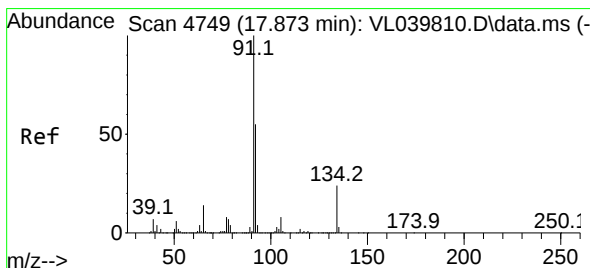
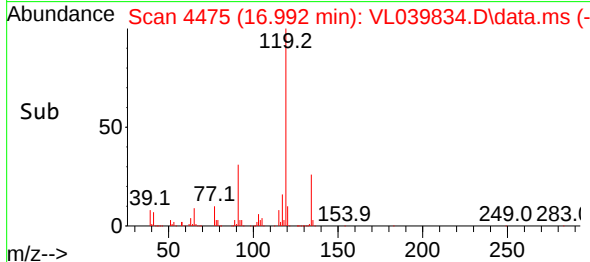
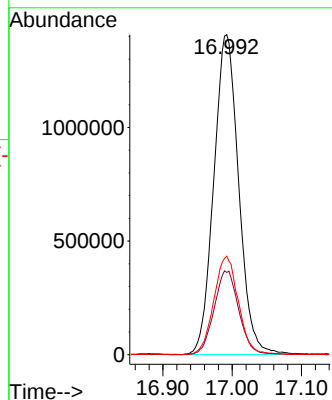
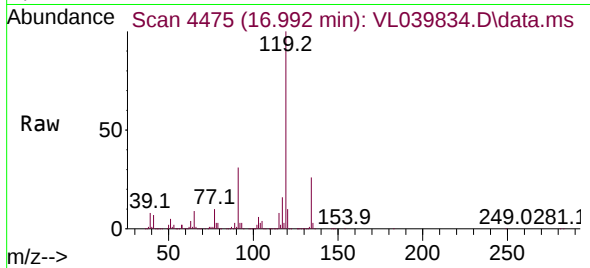




#69
p-Isopropyltoluene
Concen: 7.864 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

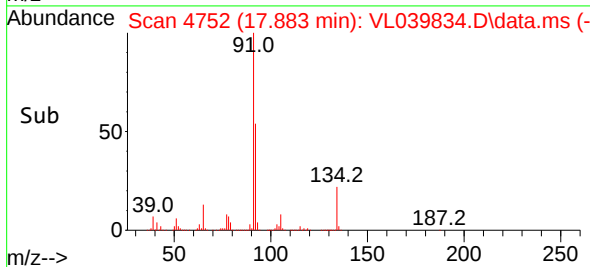
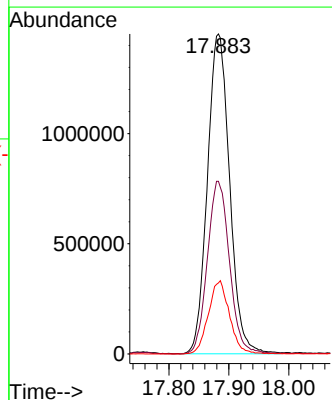
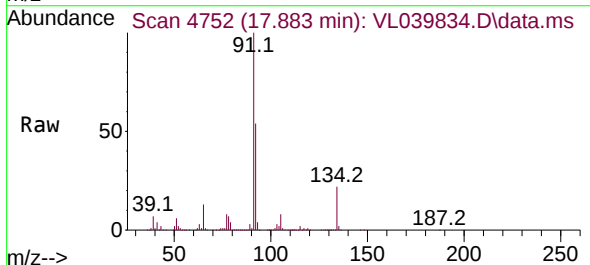
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

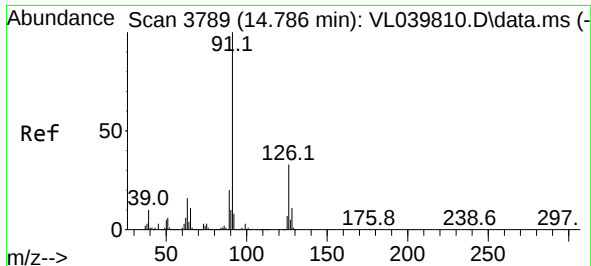
Tgt Ion:119 Resp: 3506267
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.6
91 30.3 22.8 34.2



#70
n-Butylbenzene
Concen: 8.682 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 91 Resp: 3742623
Ion Ratio Lower Upper
91 100
92 53.7 44.1 66.1
134 21.9 19.0 28.6

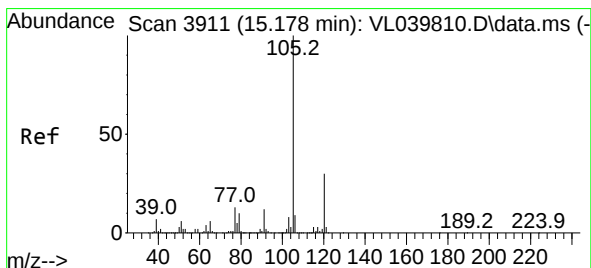
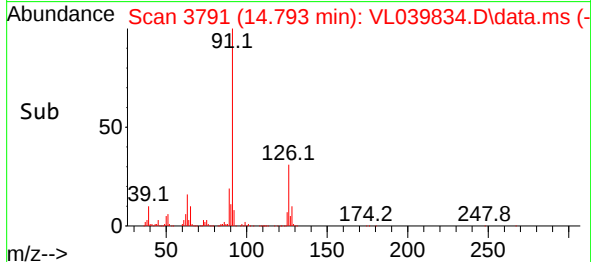
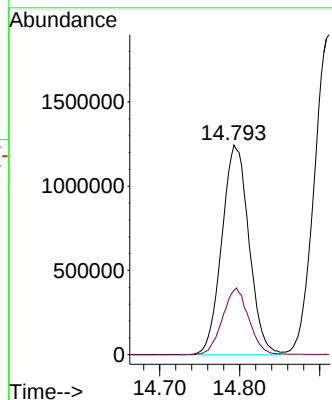
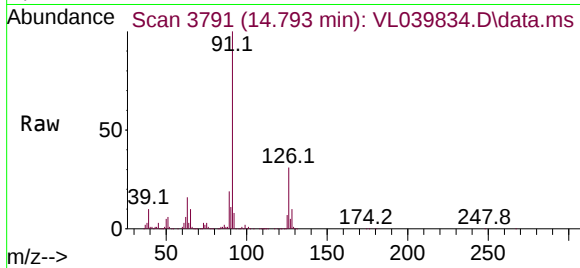




#71
2-Chlorotoluene
Concen: 8.663 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

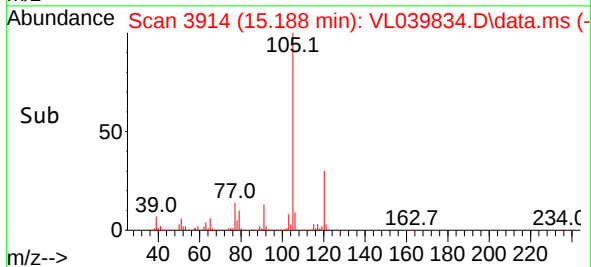
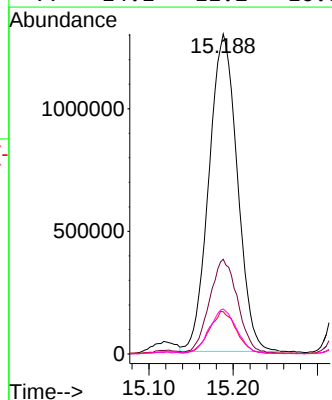
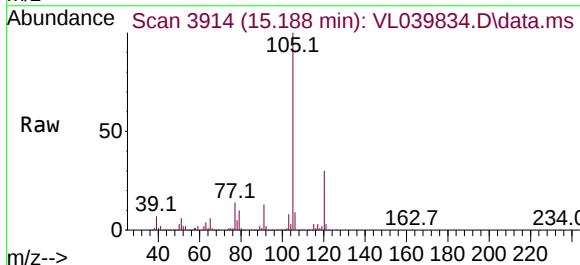
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

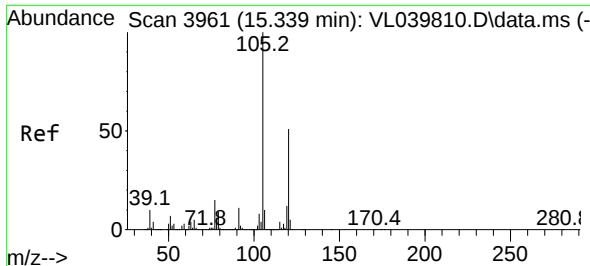
Tgt Ion: 91 Resp: 2927567
Ion Ratio Lower Upper
91 100
126 31.0 12.9 51.5



#72
4-Ethyltoluene
Concen: 8.703 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:105 Resp: 3021703
Ion Ratio Lower Upper
105 100
120 30.3 26.0 39.0
91 13.0 10.5 15.7
77 14.1 11.2 16.8

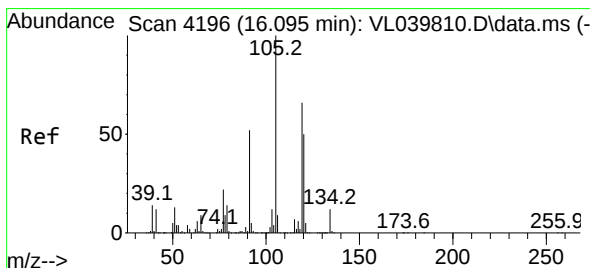
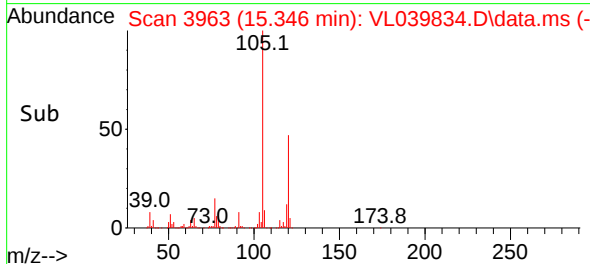
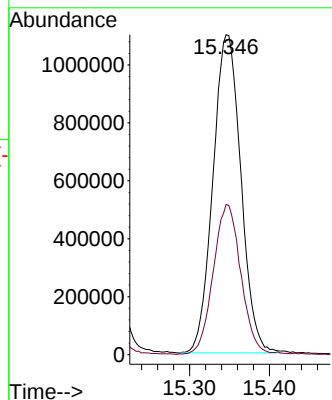
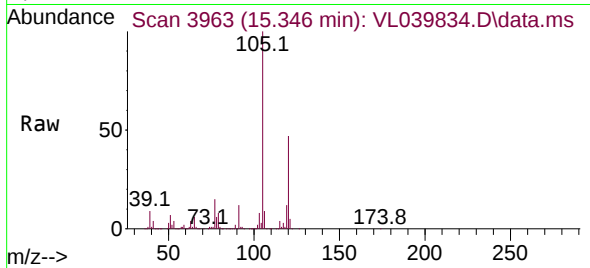




#73
 1,3,5-Trimethylbenzene
 Concen: 8.659 ppbv
 RT: 15.346 min Scan# 3961
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

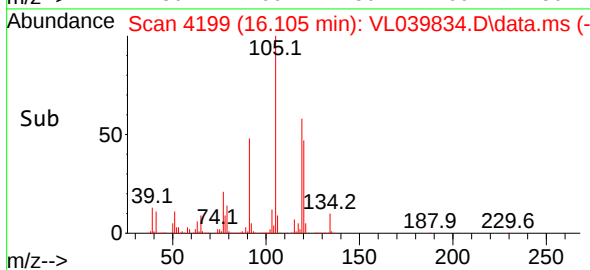
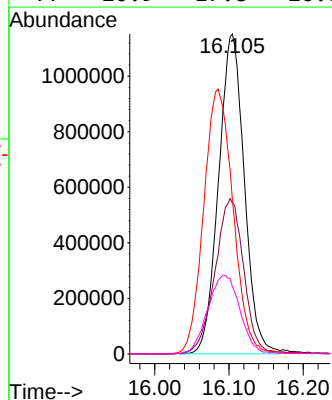
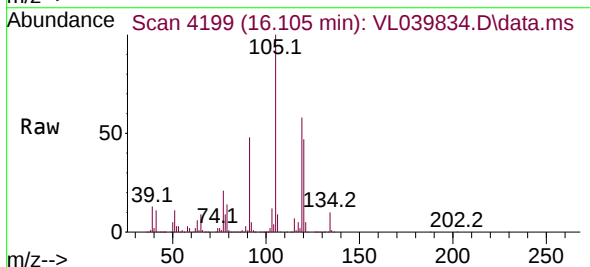
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1107ABS01

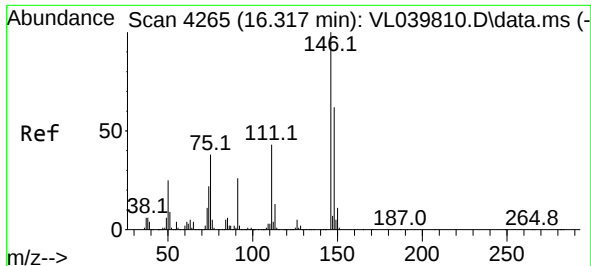
Tgt Ion:105 Resp: 2665165
 Ion Ratio Lower Upper
 105 100
 120 46.9 41.0 61.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.463 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion:105 Resp: 2767417
 Ion Ratio Lower Upper
 105 100
 120 47.1 40.2 60.4
 91 47.8 42.6 64.0
 77 20.9 17.8 26.8

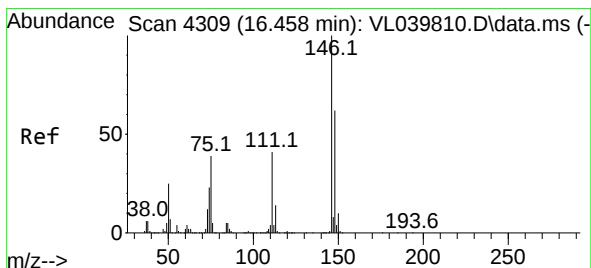
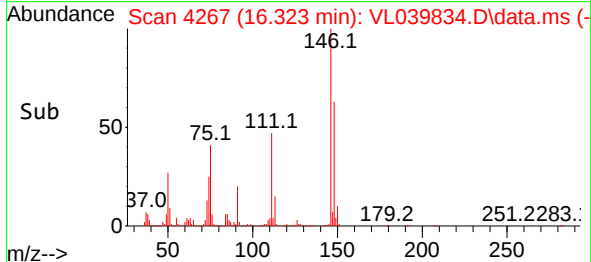
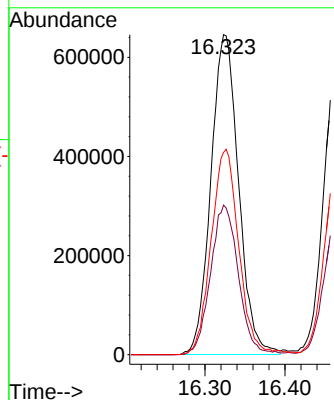
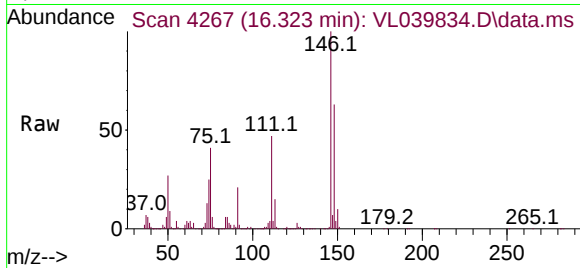




#75
1,3-Dichlorobenzene
Concen: 8.123 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

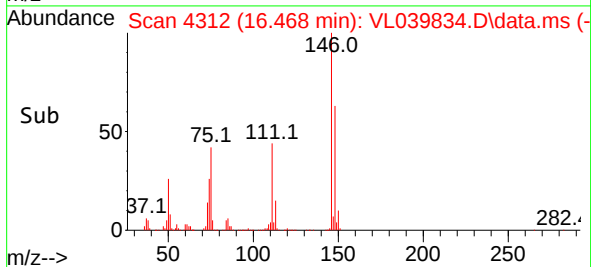
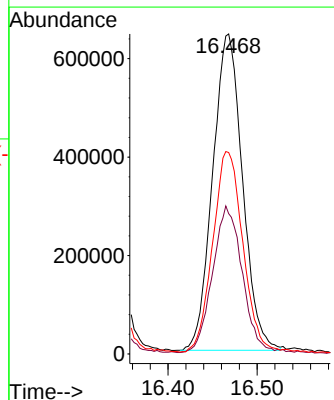
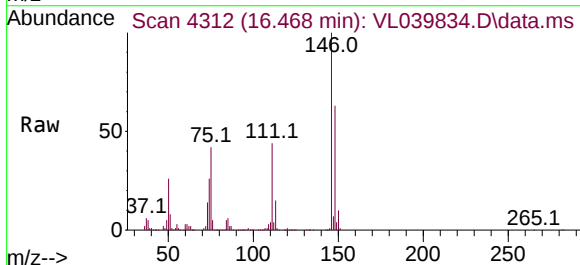
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

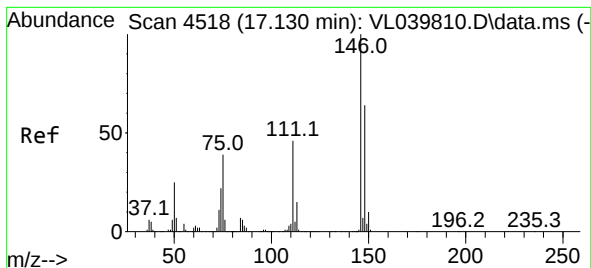
Tgt Ion:146 Resp: 1550874
Ion Ratio Lower Upper
146 100
111 47.0 22.9 68.8
148 64.4 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 7.991 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:146 Resp: 1497115
Ion Ratio Lower Upper
146 100
111 47.3 22.7 68.1
148 66.6 33.1 99.3





#77

1,2-Dichlorobenzene

Concen: 8.134 ppbv

RT: 17.137 min Scan# 4518

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_1

ClientSampleId :

VL1107ABS01

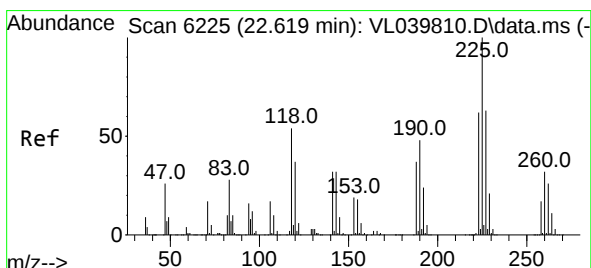
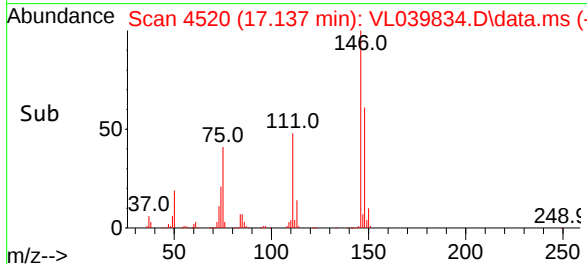
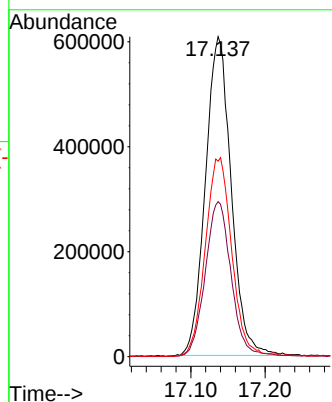
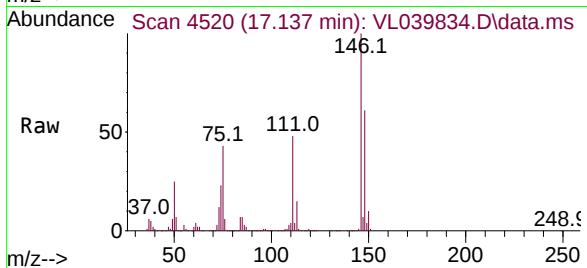
Tgt Ion:146 Resp: 1464086

Ion Ratio Lower Upper

146 100

111 49.0 23.9 71.8

148 64.6 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 3.606 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.013 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

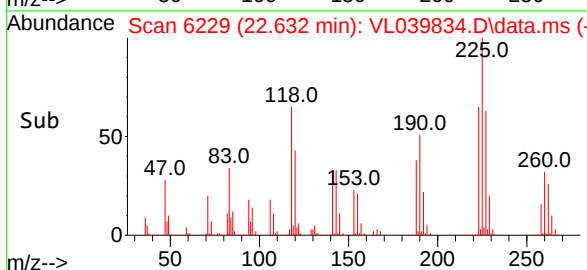
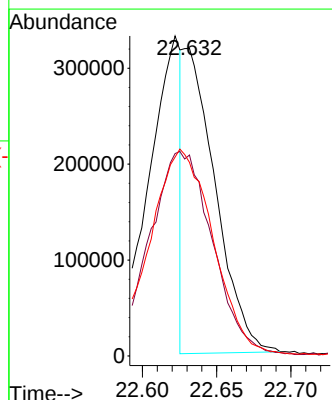
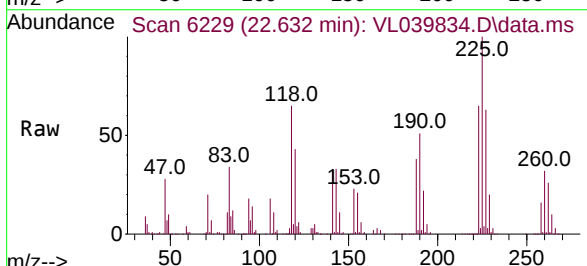
Tgt Ion:225 Resp: 480940

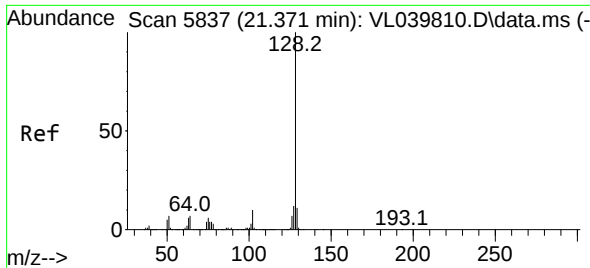
Ion Ratio Lower Upper

225 100

223 0.0 50.6 75.8#

227 0.0 51.6 77.4#

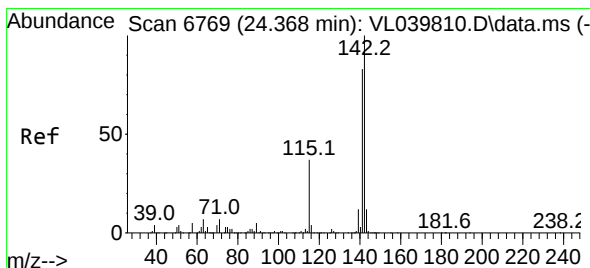
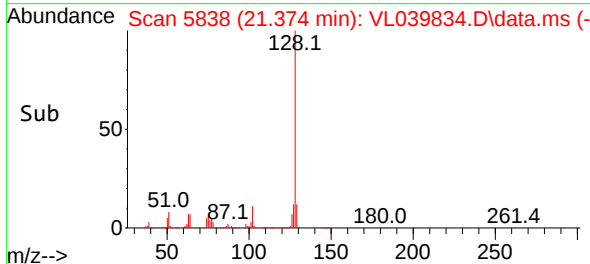
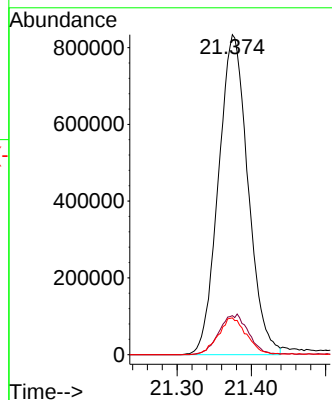
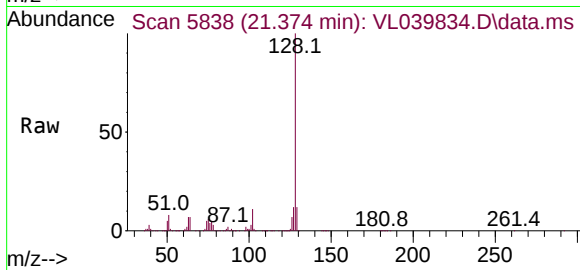




#79
Naphthalene
Concen: 9.687 ppbv
RT: 21.374 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

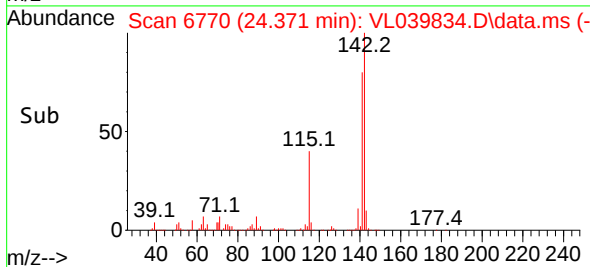
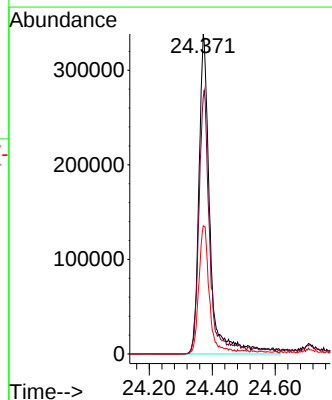
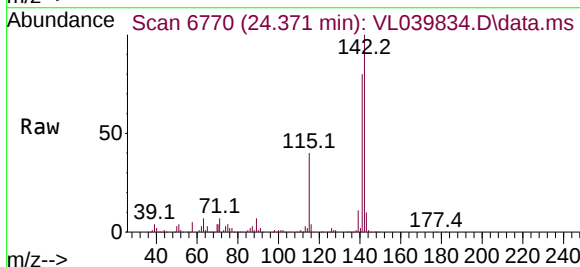
Instrument :
MSVOA_1
ClientSampleId :
VL1107ABS01

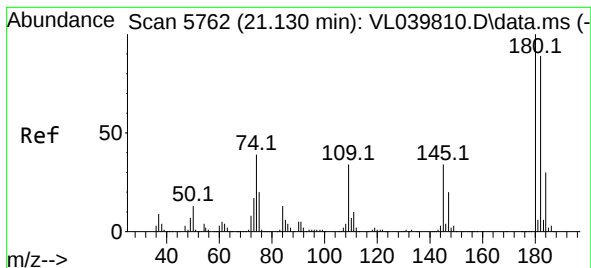
Tgt Ion:128 Resp: 2303086
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 8.254 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:142 Resp: 831960
Ion Ratio Lower Upper
142 100
141 79.5 65.1 97.7
115 39.2 29.1 43.7





#81

1,2,4-Trichlorobenzene

Concen: 9.082 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL039834.D

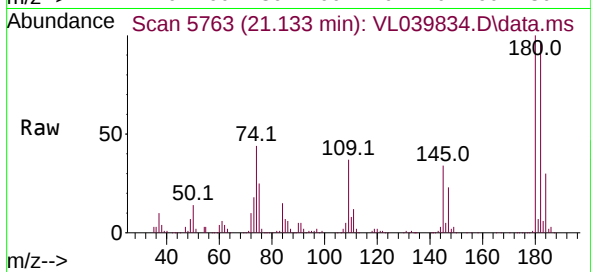
Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01



Tgt Ion:180 Resp: 1207813

Ion Ratio Lower Upper

180 100

182 97.5 78.1 117.1

184 30.3 24.5 36.7

