

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039747.D
 Acq On : 21 Oct 2022 16:01
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL102122

Quant Time: Oct 22 03:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	948787	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2880150	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3277235	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1925691	8.278	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	1162317	7.316	ppbv	97
3) Chlorodifluoromethane	2.687	51	1202128	9.944	ppbv	98
4) Chloromethane	2.829	50	728695	9.634	ppbv	93
5) Vinyl Chloride	2.935	62	633512	10.669	ppbv	99
6) Bromomethane	3.137	94	208490	9.481	ppbv	91
7) Chloroethane	3.211	64	226728	10.303	ppbv #	88
8) Dichlorotetrafluoroethane	2.874	85	1433043	9.722	ppbv	98
9) Propene	2.703	41	586838	10.632	ppbv	100
10) Heptane	7.578	43	1404393	10.964	ppbv	99
11) Trichlorofluoromethane	3.575	101	1454155	9.833	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.076	101	1157036	9.725	ppbv	98
13) Ethanol	3.260	45	25393	6.752	ppbv #	60
14) Bromoethene	3.382	108	456123	10.065	ppbv	98
15) Acetone	3.481	43	1033298	9.020	ppbv	96
16) 1,3-Butadiene	2.999	39	618667	10.760	ppbv	96
17) tert-Butyl alcohol	3.886	59	1131158	11.622	ppbv	99
18) 1,1-Dichloroethene	3.893	96	514205	10.072	ppbv	95
19) Isopropyl Alcohol	3.591	45	604575	10.806	ppbv #	97
20) Methylene Chloride	3.944	84	433389	9.410	ppbv	96
21) Allyl Chloride	4.009	41	833736	10.544	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	539537	10.410	ppbv	96
23) Vinyl Acetate	4.636	43	499455	10.333	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1086951	9.863	ppbv	100
25) Ethyl Acetate	5.211	43	2199616	9.584	ppbv	99
26) Hexane	5.218	57	891748	9.540	ppbv	99
27) Carbon Disulfide	4.134	76	1298636	11.095	ppbv	98
28) Methyl tert-Butyl Ether	4.594	73	930838	10.501	ppbv	98
29) Chloroform	5.282	83	1224126	8.170	ppbv	97
30) Cyclohexane	6.600	84	859308	10.936	ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	813737	9.708	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1476292	11.359	ppbv	98
34) 2-Butanone	4.793	43	1305636	9.828	ppbv	99
35) Carbon Tetrachloride	6.497	117	1539340	10.313	ppbv	98
36) Benzene	6.372	78	2209690	10.166	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1139559	9.732	ppbv	99
38) Trichloroethene	7.288	130	1200903	10.300	ppbv	96
39) 1,2-Dichloropropane	7.073	63	816914	9.797	ppbv	100
40) 1,4-Dioxane	7.285	88	111402	3.488	ppbv #	1
41) Tetrahydrofuran	5.565	42	840881	9.872	ppbv	99
42) Bromodichloromethane	7.250	83	1662855	10.341	ppbv	99
43) Methyl Methacrylate	7.475	69	855571	10.942	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	3657360	9.930	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	783946	12.112	ppbv	97

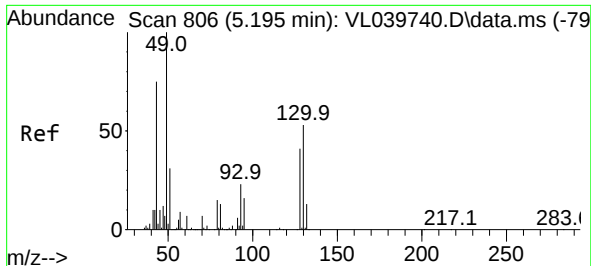
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Quant Time: Oct 22 03:05:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1085917	11.844	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	852713	9.417	ppbv	98
48) Dibromochloromethane	9.706	129	1395647	10.216	ppbv	99
49) Bromoform	12.401	173	1121591	10.199	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2335769	10.783	ppbv	100
51) 2-Hexanone	9.549	43	1781443	11.474	ppbv #	98
52) Tetrachloroethene	10.610	164	794969	10.132	ppbv	99
53) Toluene	9.217	91	2517578	10.727	ppbv	99
54) 1,2-Dibromoethane	10.002	107	973455	10.690	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1015931	7.638	ppbv	98
57) Chlorobenzene	11.520	112	1825783	7.594	ppbv	98
58) Ethyl Benzene	12.082	91	3193520	8.437	ppbv	98
59) m/p-Xylene	12.368	91	2892592	8.646	ppbv #	41
60) o-Xylene	13.053	91	2552418	7.976	ppbv	100
61) Styrene	12.896	104	1531767	9.148	ppbv	99
62) Isopropylbenzene	14.024	105	3672627	7.705	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	872209	7.132	ppbv	99
64) n-propylbenzene	14.912	120	934226	7.801	ppbv	97
65) tert-Butylbenzene	16.082	119	3133830	7.504	ppbv	100
66) Benzyl Chloride	16.320	91	207466	7.110	ppbv	96
67) sec-Butylbenzene	16.629	105	4355589	7.539	ppbv	99
69) p-Isopropyltoluene	16.989	119	3574278	7.677	ppbv	100
70) n-Butylbenzene	17.883	91	3520258	7.856	ppbv	99
71) 2-Chlorotoluene	14.793	91	2626992	7.744	ppbv	100
72) 4-Ethyltoluene	15.188	105	2834369	7.935	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2532763	7.617	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	2731329	7.478	ppbv	95
75) 1,3-Dichlorobenzene	16.323	146	1559047	7.127	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1534820	7.182	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1499242	7.052	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1091836	7.107	ppbv	98
79) Naphthalene	21.375	128	2242032	10.485	ppbv	97
80) Naphthalene,2-methyl-	24.368	142	734993	11.509	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	1246803	8.702	ppbv #	100

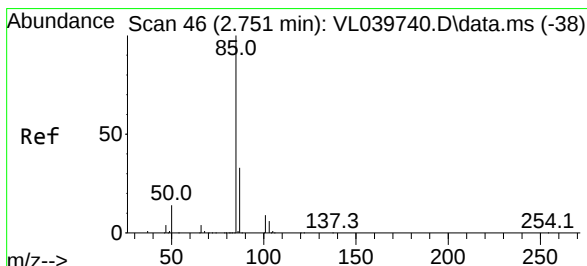
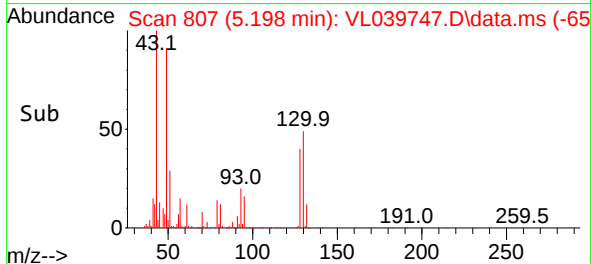
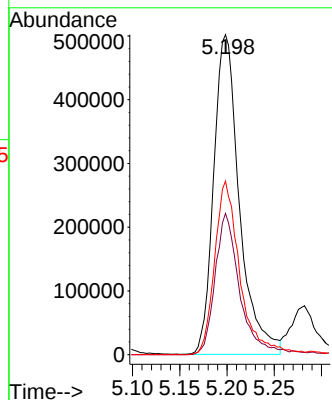
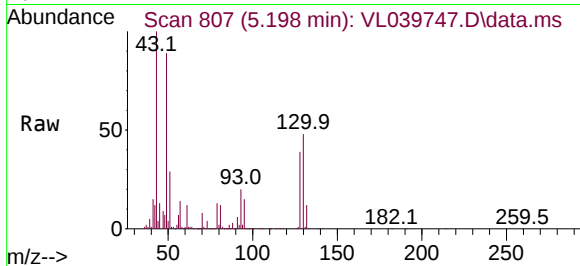
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

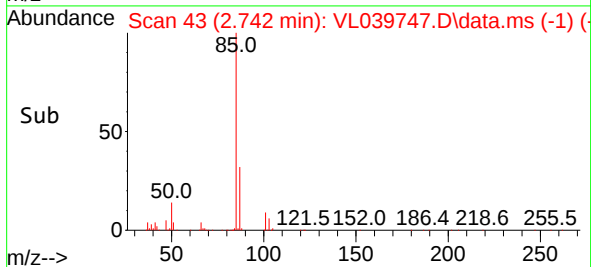
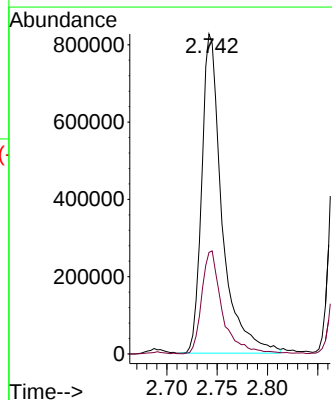
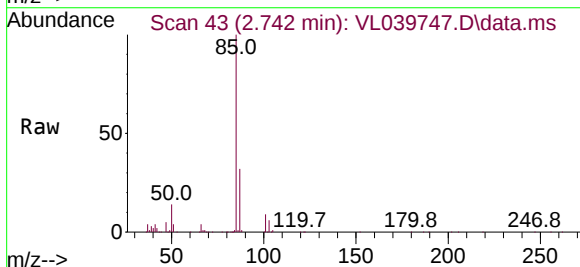
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

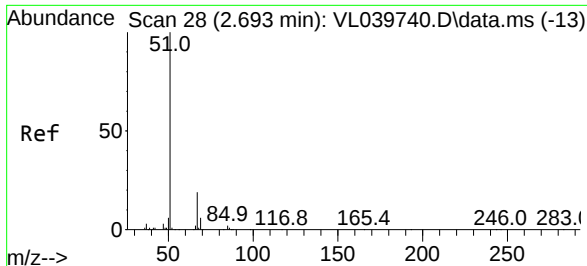
Tgt Ion: 49 Resp: 948787
 Ion Ratio Lower Upper
 49 100
 128 43.4 22.6 67.8
 130 55.0 29.0 87.0



#2
 Dichlorodifluoromethane
 Concen: 7.316 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. -0.009 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 85 Resp: 1162317
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 40.0

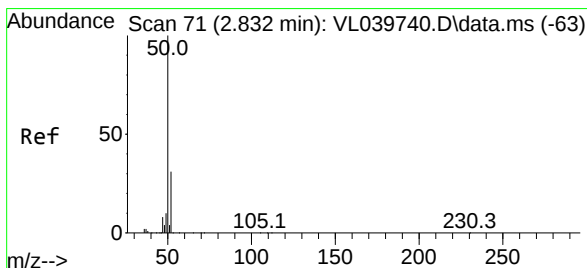
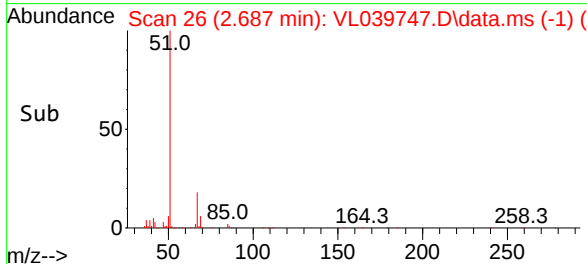
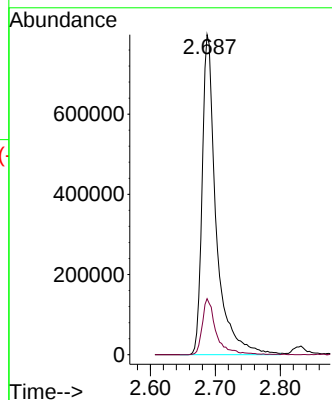
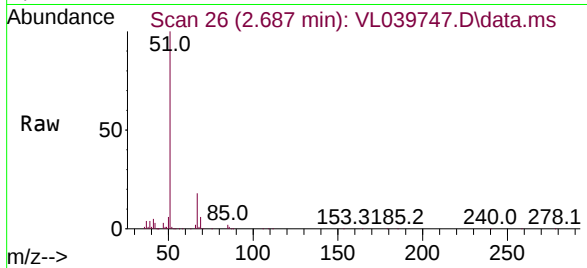




#3
Chlorodifluoromethane
Concen: 9.944 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

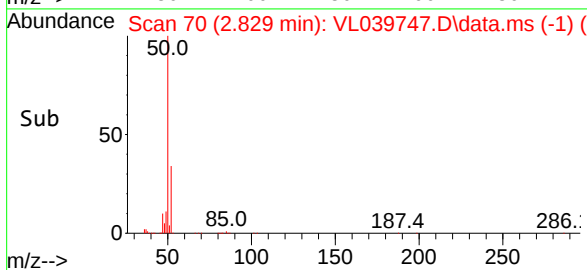
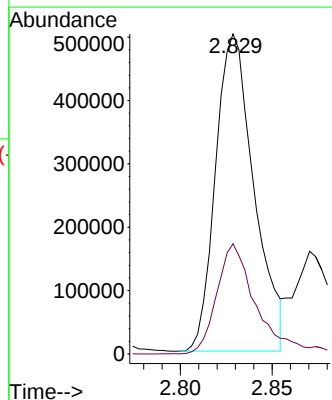
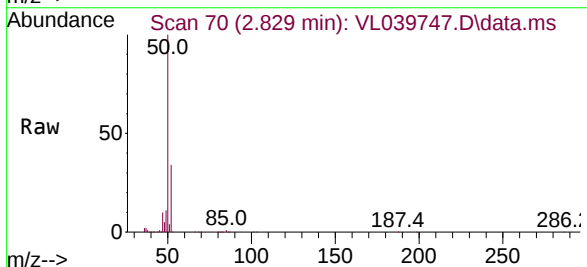
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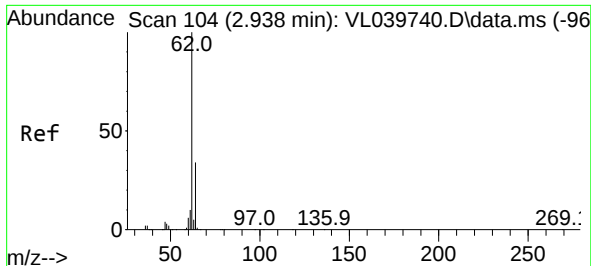
Tgt Ion: 51 Resp: 1202128
Ion Ratio Lower Upper
51 100
67 17.4 14.6 21.8



#4
Chloromethane
Concen: 9.634 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 50 Resp: 728695
Ion Ratio Lower Upper
50 100
52 34.7 24.8 37.2

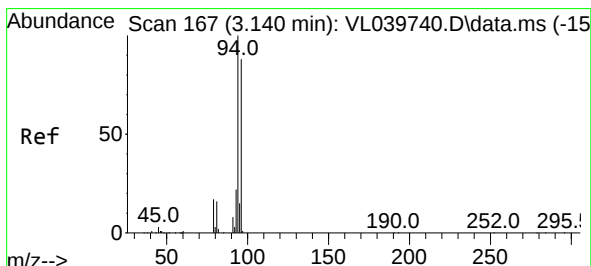
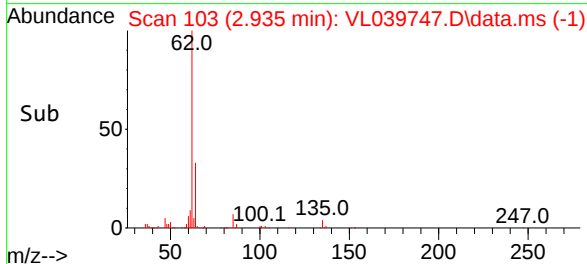
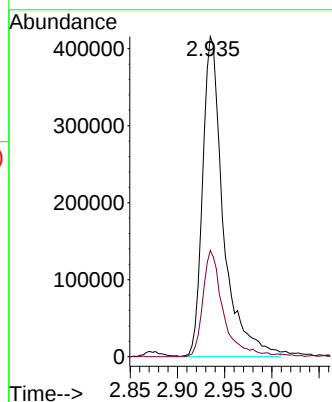
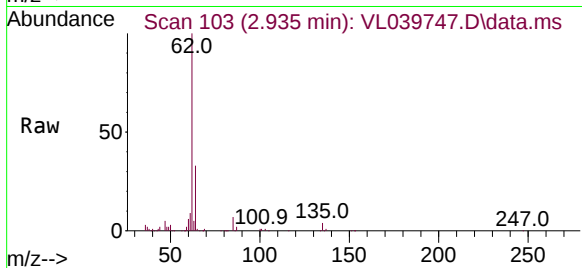




#5
 Vinyl Chloride
 Concen: 10.669 ppbv
 RT: 2.935 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

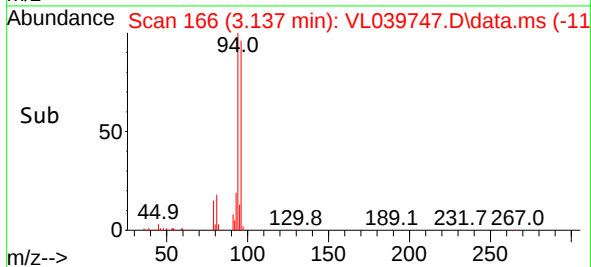
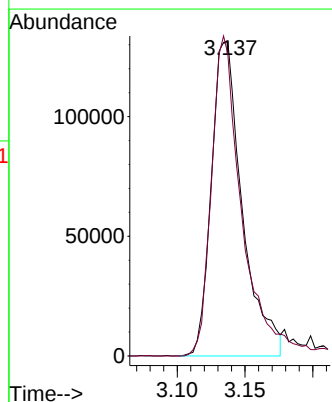
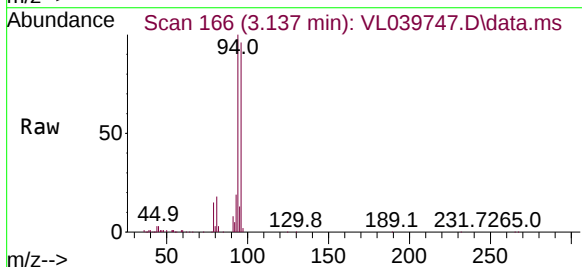
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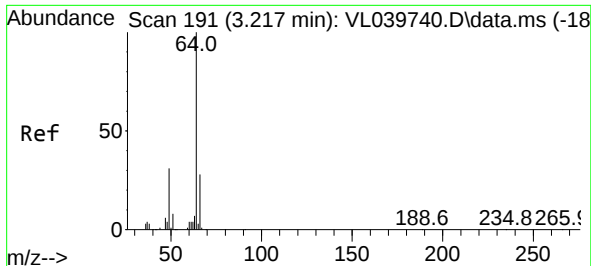
Tgt Ion: 62 Resp: 633512
 Ion Ratio Lower Upper
 62 100
 64 33.2 27.1 40.7



#6
 Bromomethane
 Concen: 9.481 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 94 Resp: 208490
 Ion Ratio Lower Upper
 94 100
 96 96.1 70.5 105.7

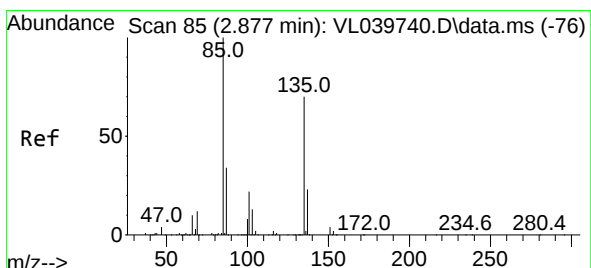
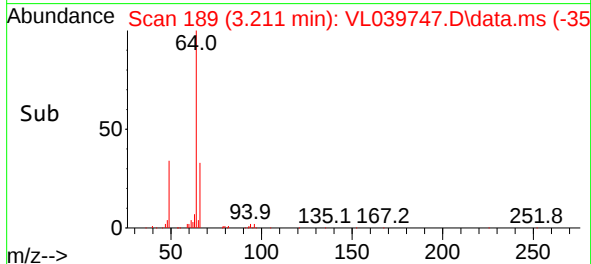
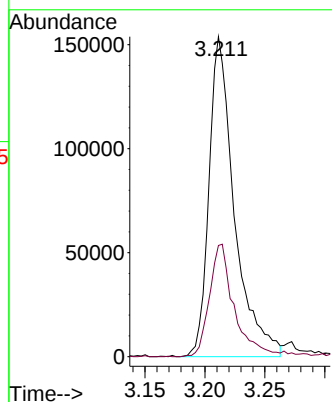
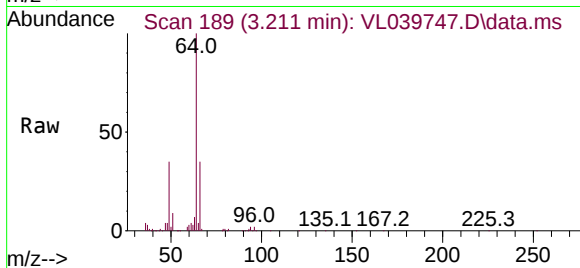




#7
Chloroethane
Concen: 10.303 ppbv
RT: 3.211 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

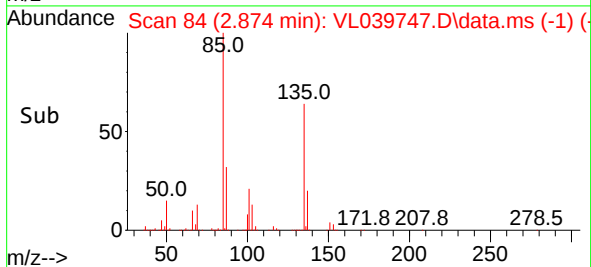
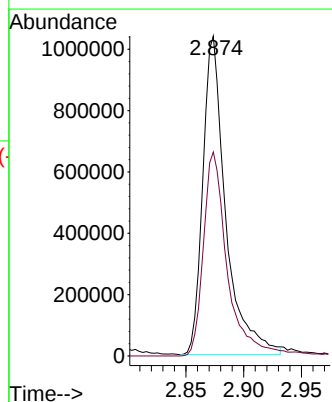
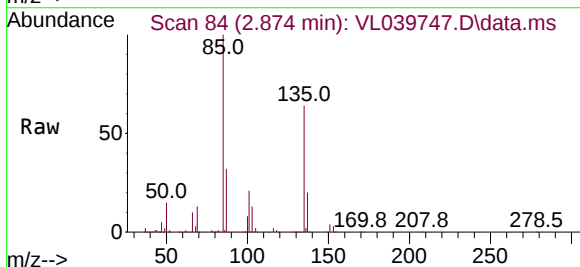
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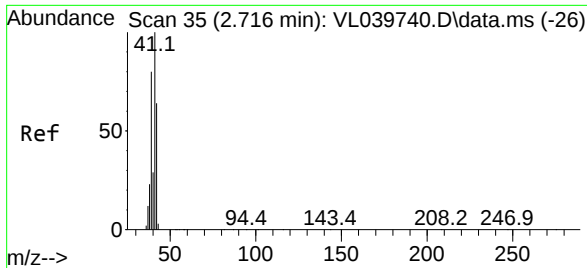
Tgt Ion: 64 Resp: 226728
Ion Ratio Lower Upper
64 100
66 34.7 22.6 34.0#



#8
Dichlorotetrafluoroethane
Concen: 9.722 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 85 Resp: 1433043
Ion Ratio Lower Upper
85 100
135 68.2 56.1 84.1

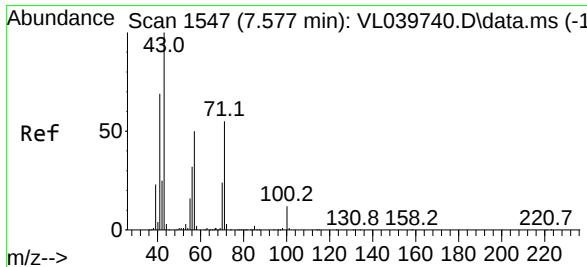
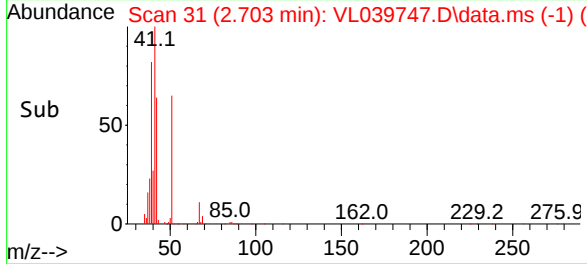
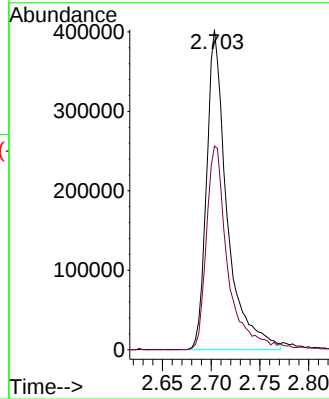
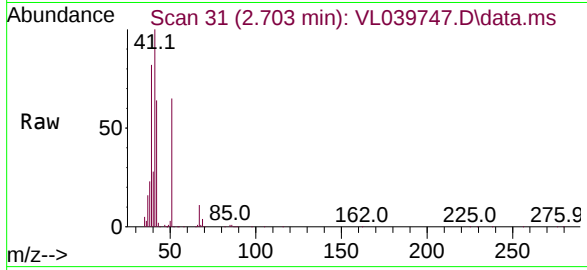




#9
 Propene
 Concen: 10.632 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

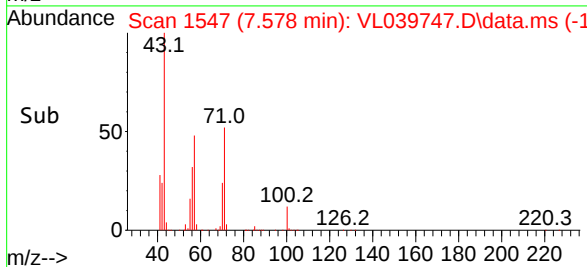
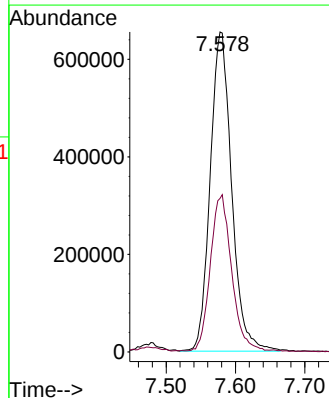
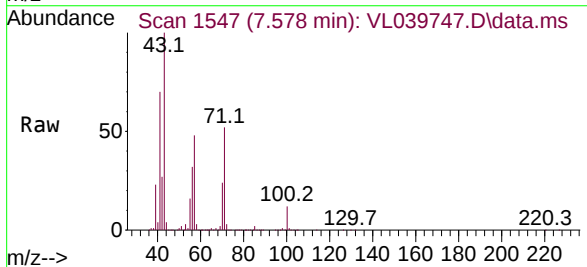
Instrument :
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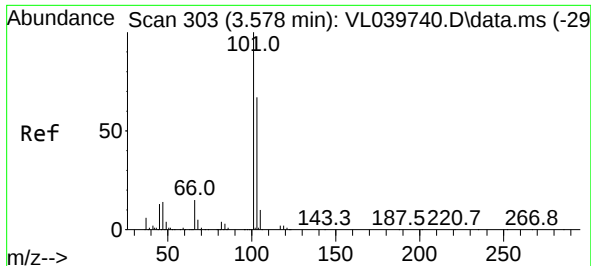
Tgt Ion: 41 Resp: 586838
 Ion Ratio Lower Upper
 41 100
 42 67.7 54.4 81.6



#10
 Heptane
 Concen: 10.964 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 43 Resp: 1404393
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0

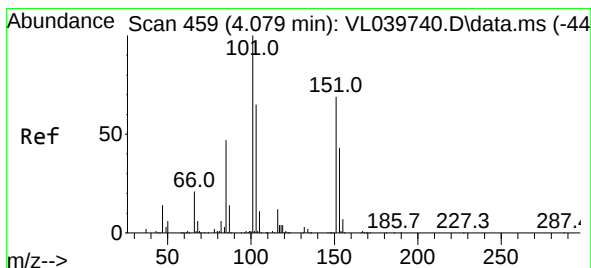
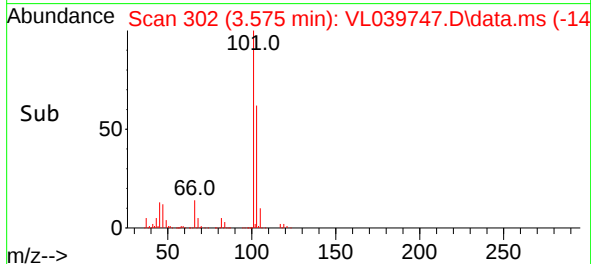
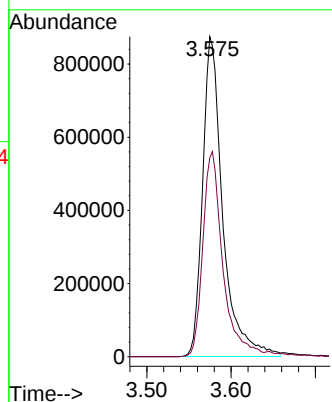
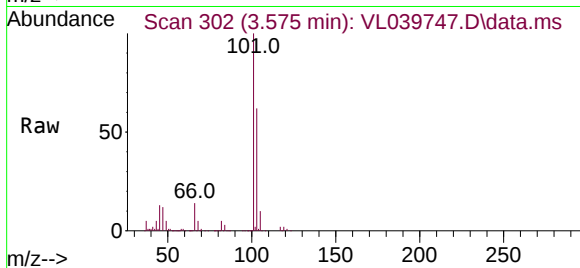




#11
 Trichlorofluoromethane
 Concen: 9.833 ppbv
 RT: 3.575 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

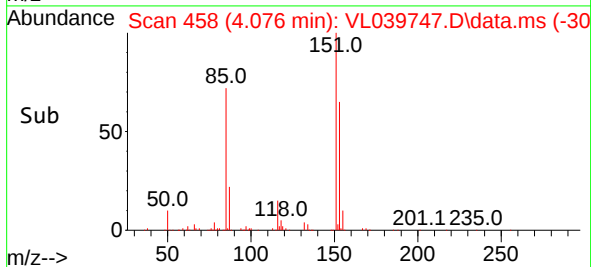
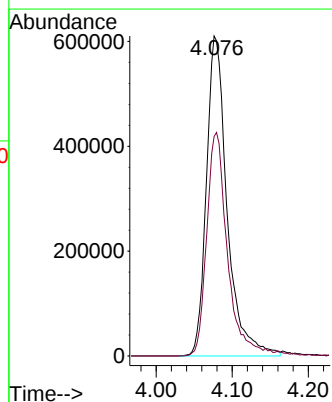
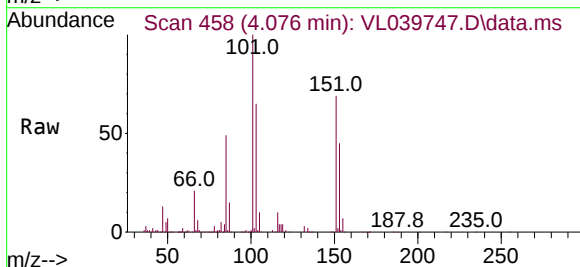
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

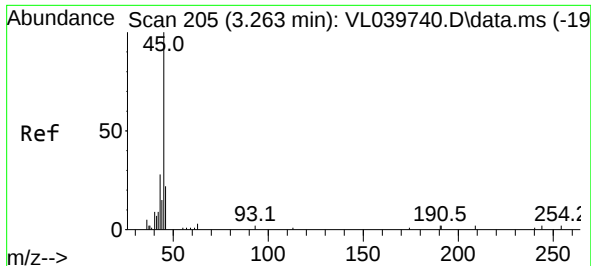
Tgt Ion:101 Resp: 1454155
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.725 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion:101 Resp: 1157036
 Ion Ratio Lower Upper
 101 100
 151 70.9 58.0 87.0

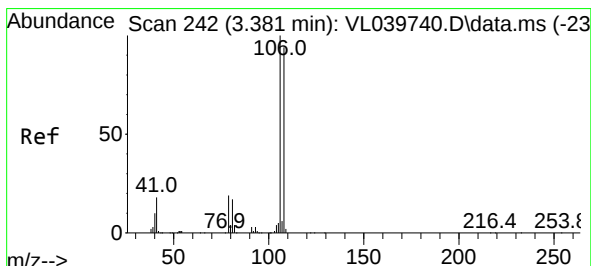
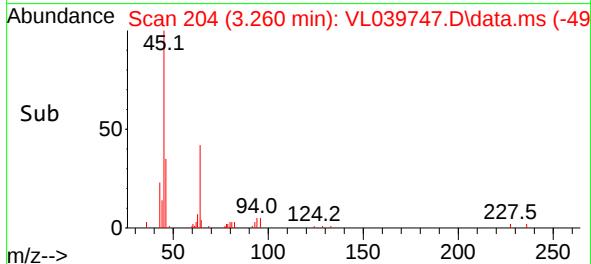
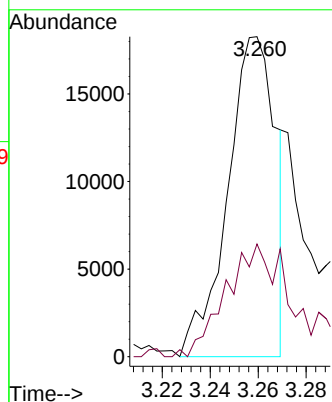
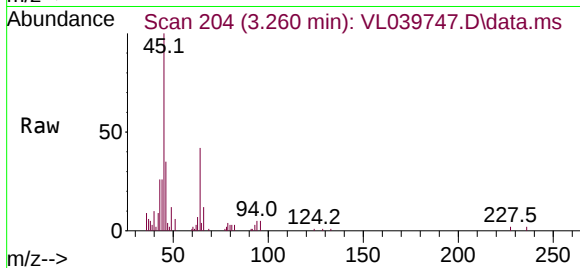




#13
 Ethanol
 Concen: 6.752 ppbv
 RT: 3.260 min Scan# 205
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

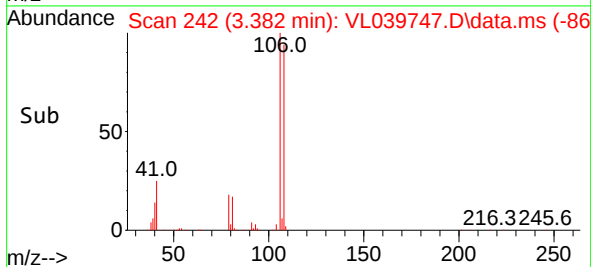
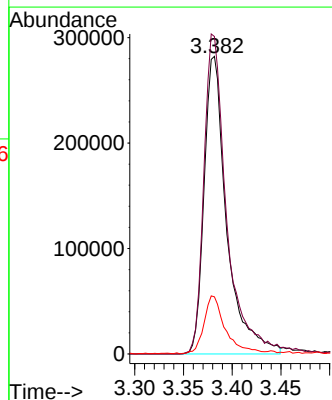
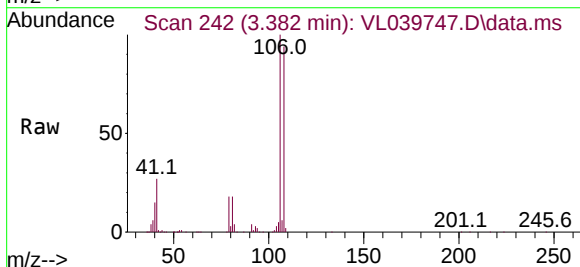
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

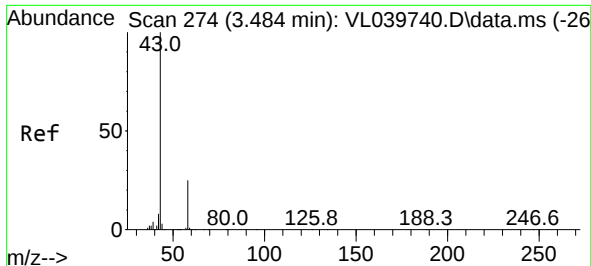
Tgt Ion: 45 Resp: 25393
 Ion Ratio Lower Upper
 45 100
 46 60.7 14.8 59.2#



#14
 Bromoethene
 Concen: 10.065 ppbv
 RT: 3.382 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 108 Resp: 456123
 Ion Ratio Lower Upper
 108 100
 106 110.5 90.2 135.4
 79 19.2 16.2 24.2

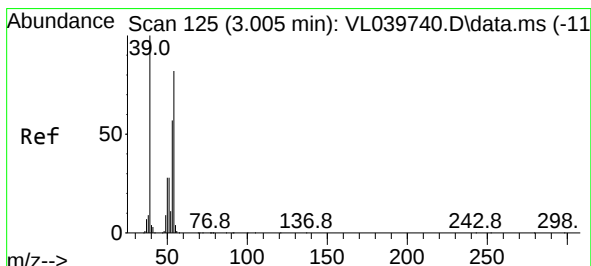
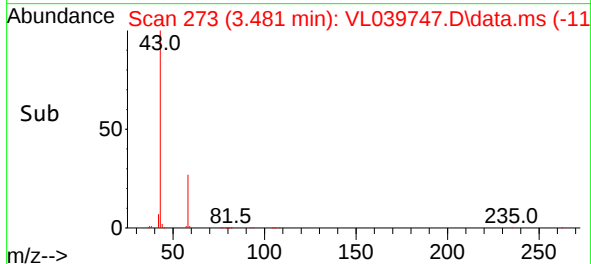
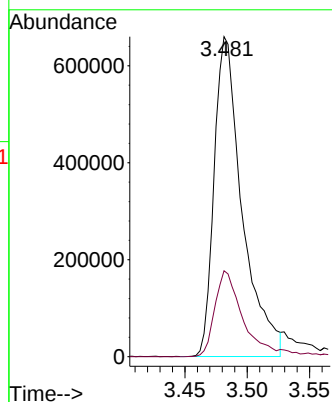
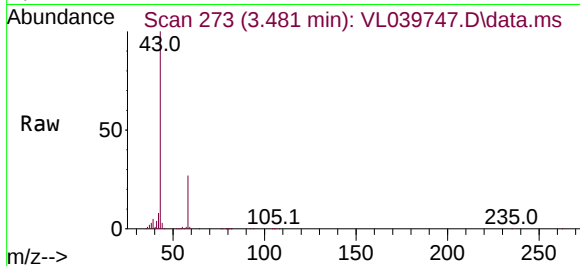




#15
Acetone
Concen: 9.020 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

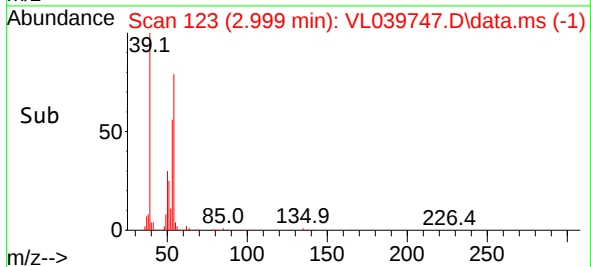
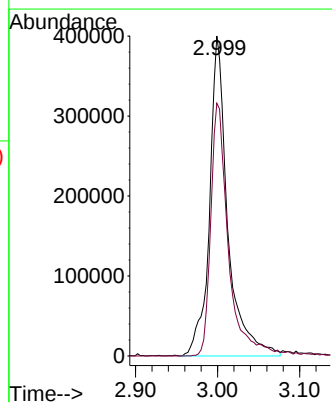
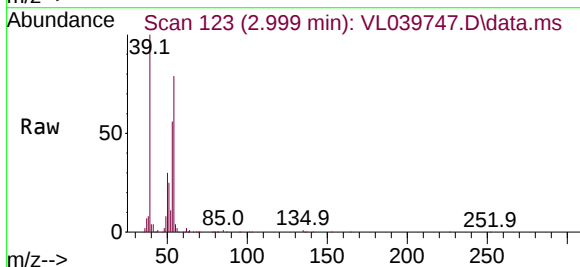
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

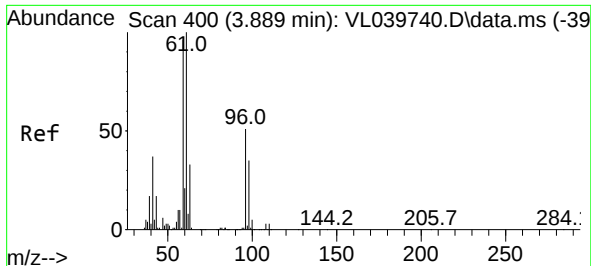
Tgt Ion: 43 Resp: 1033298
Ion Ratio Lower Upper
43 100
58 28.1 20.9 31.3



#16
1,3-Butadiene
Concen: 10.760 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.006 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 39 Resp: 618667
Ion Ratio Lower Upper
39 100
54 77.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 11.622 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

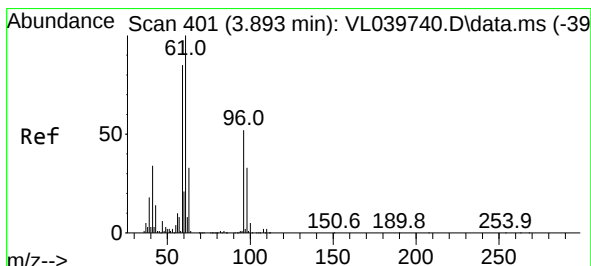
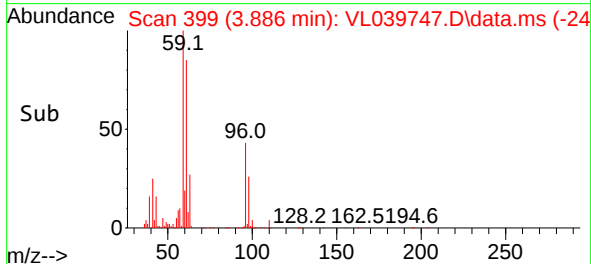
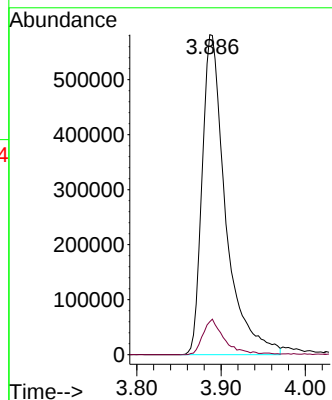
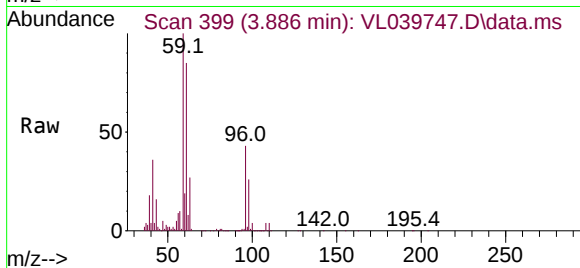
ICVVL102122

Tgt Ion: 59 Resp: 1131158

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.072 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

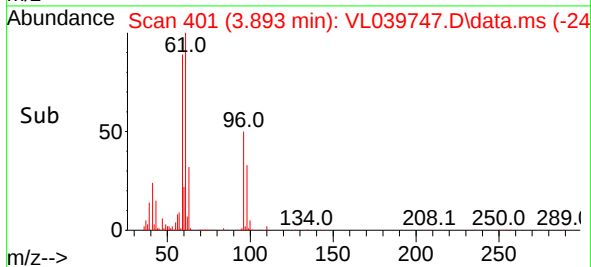
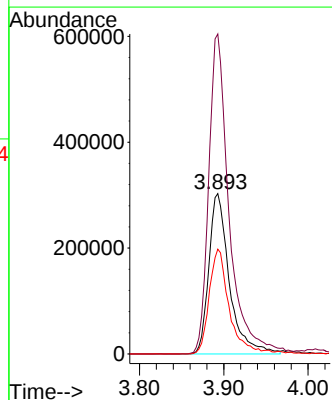
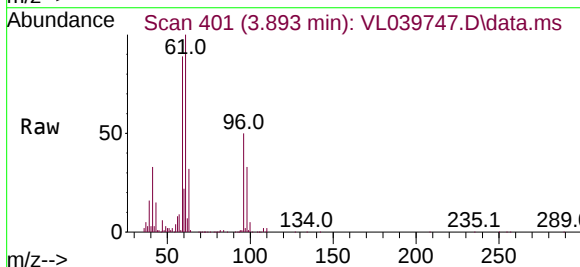
Tgt Ion: 96 Resp: 514205

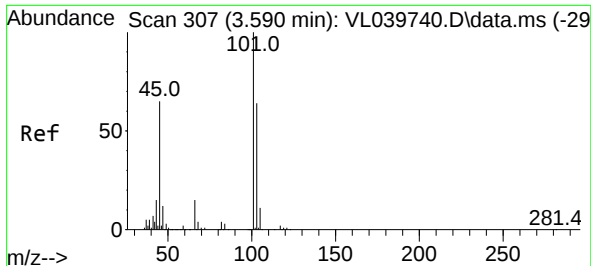
Ion Ratio Lower Upper

96 100

61 199.5 152.7 229.1

98 65.3 50.2 75.2

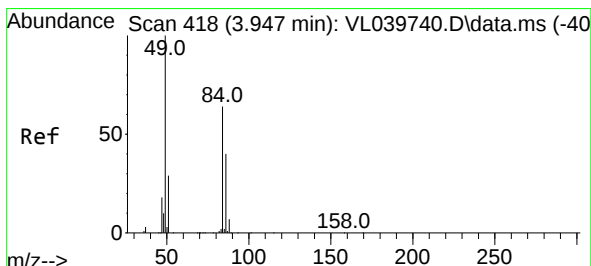
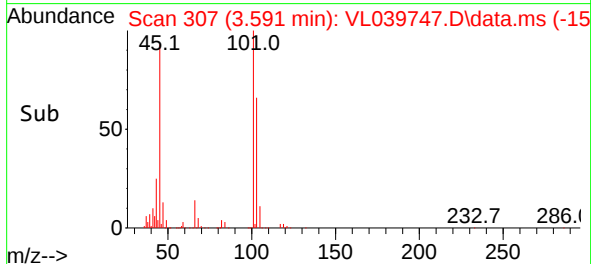
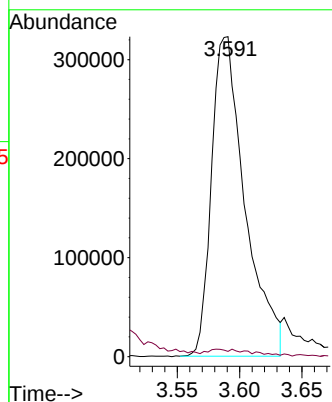
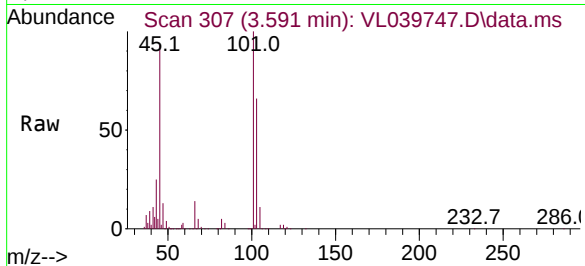




#19
Isopropyl Alcohol
Concen: 10.806 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

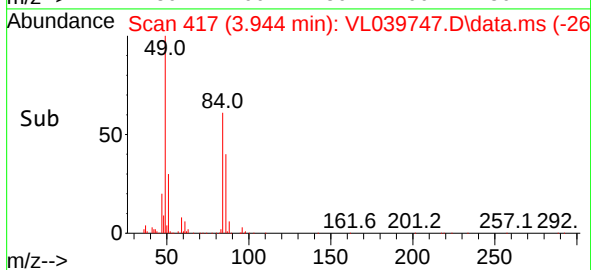
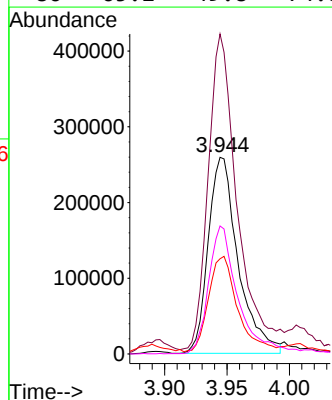
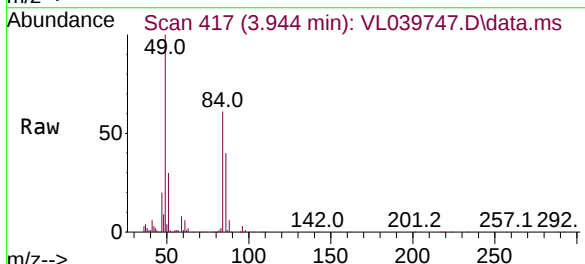
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

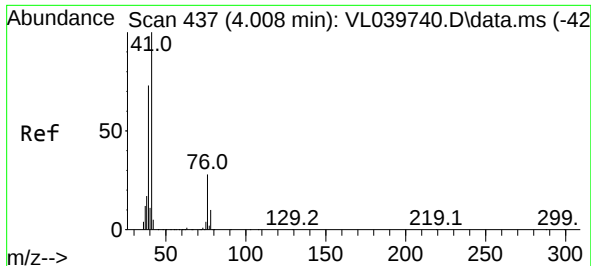
Tgt Ion: 45 Resp: 604575
Ion Ratio Lower Upper
45 100
58 3.0 3.3 4.9#



#20
Methylene Chloride
Concen: 9.410 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 84 Resp: 433389
Ion Ratio Lower Upper
84 100
49 161.0 124.2 186.4
51 46.3 36.6 54.8
86 65.2 49.8 74.8

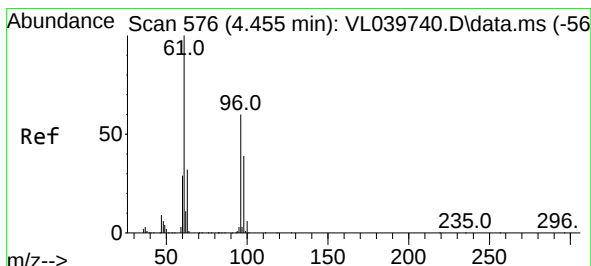
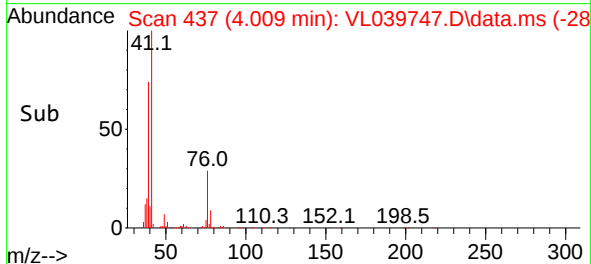
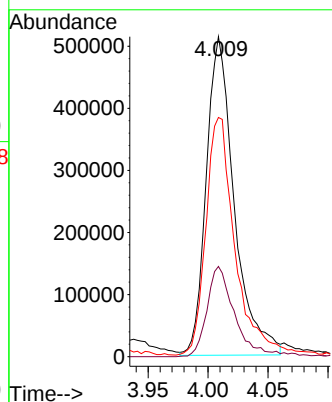
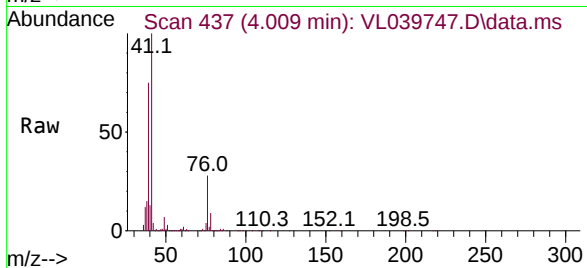




#21
 Allyl Chloride
 Concen: 10.544 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

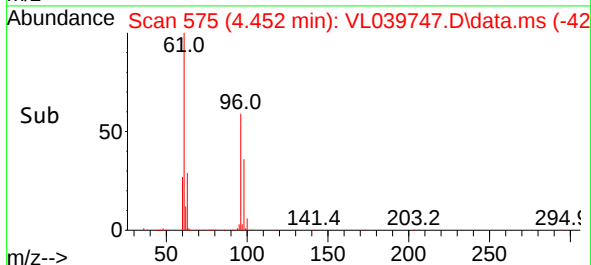
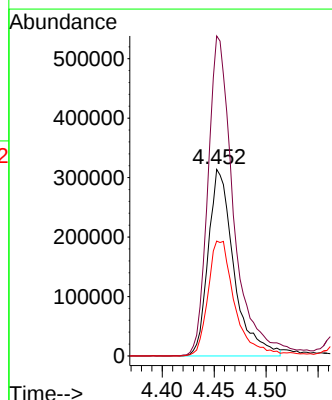
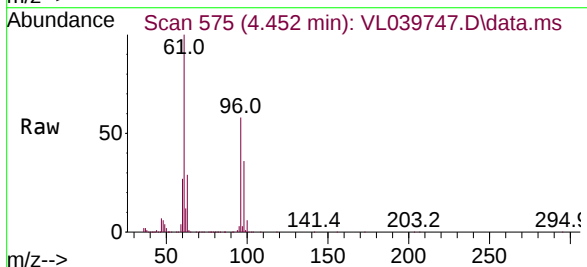
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

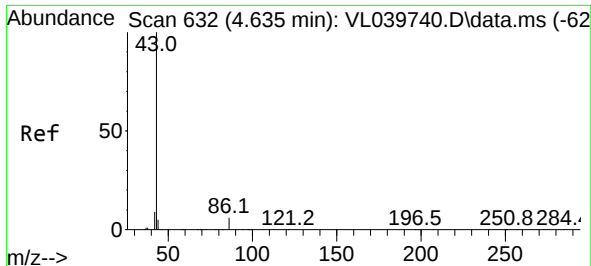
Tgt Ion: 41 Resp: 833736
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.5 35.3
 39 78.3 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.410 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 96 Resp: 539537
 Ion Ratio Lower Upper
 96 100
 61 171.4 132.9 199.3
 98 61.6 51.6 77.4



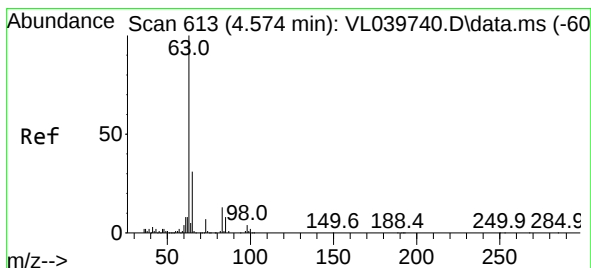
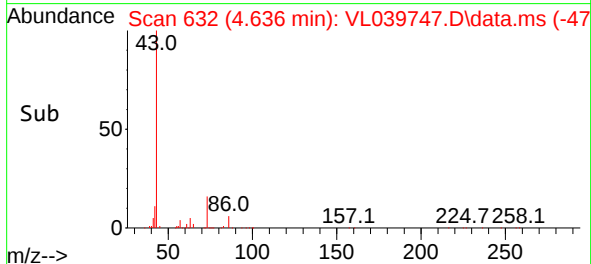
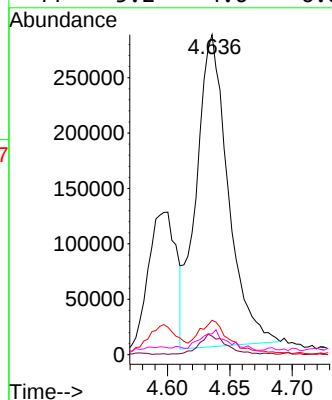
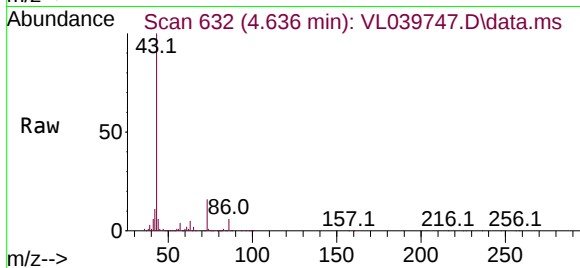


#23
 Vinyl Acetate
 Concen: 10.333 ppbv
 RT: 4.636 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL102122

Tgt Ion: 43 Resp: 499455

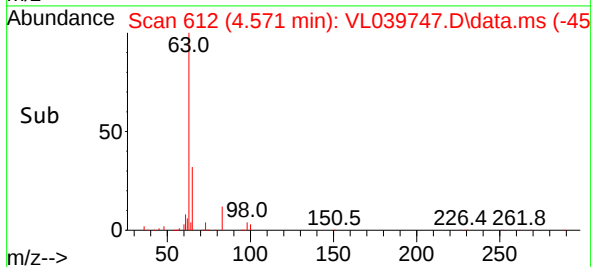
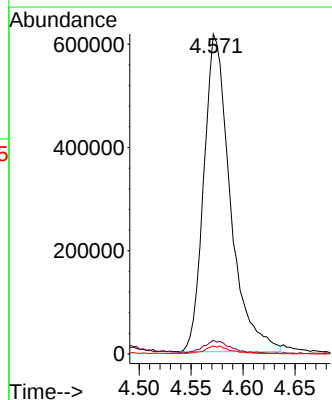
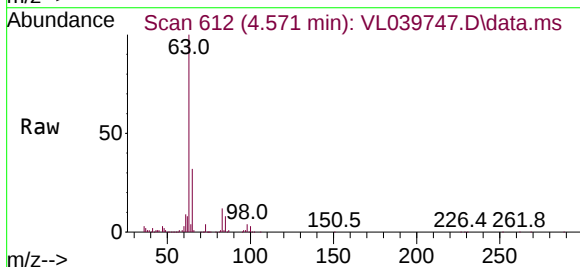
Ion	Ratio	Lower	Upper
43	100		
86	5.8	4.3	6.5
42	10.5	7.9	11.9
44	5.2	4.6	6.8

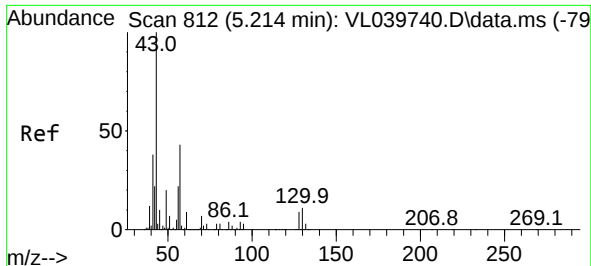


#24
 1,1-Dichloroethane
 Concen: 9.863 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 63 Resp: 1086951

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.4	1.2	3.6



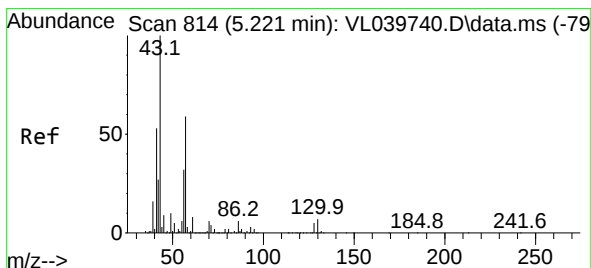
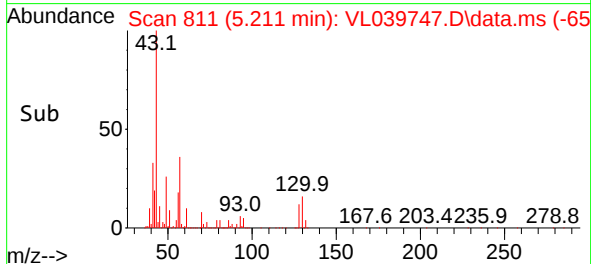
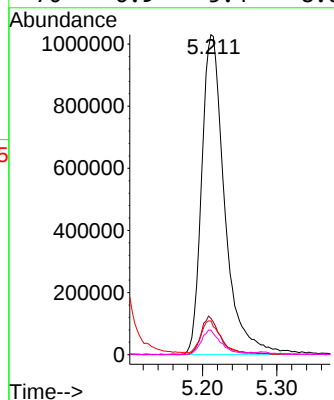
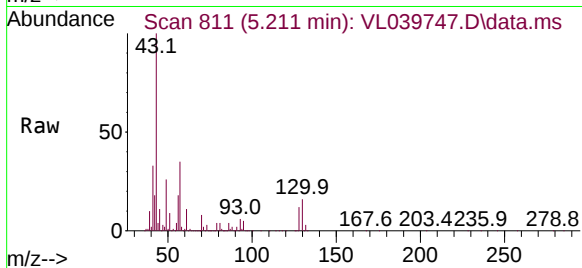


#25
Ethyl Acetate
Concen: 9.584 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

Tgt Ion: 43 Resp: 2199616

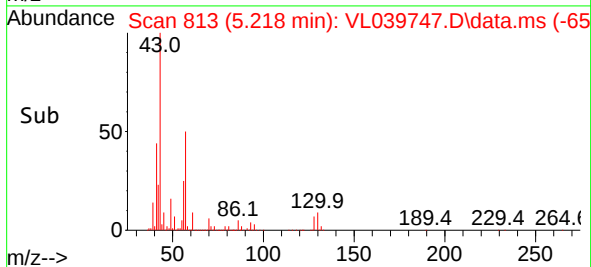
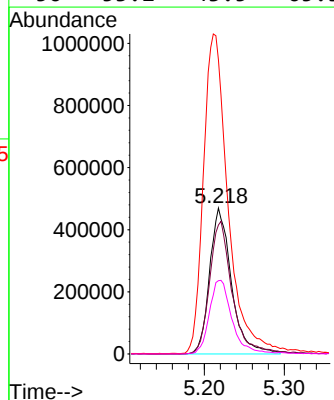
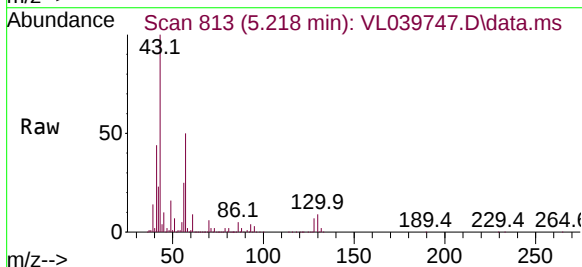
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	9.8	7.5	11.3
70	6.9	5.4	8.0

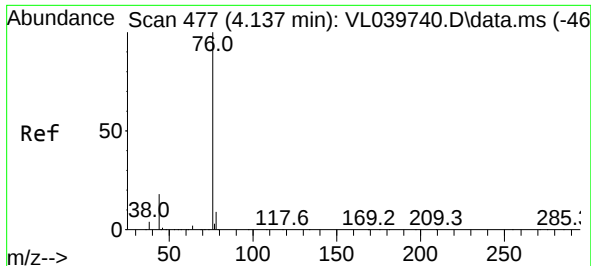


#26
Hexane
Concen: 9.540 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 57 Resp: 891748

Ion	Ratio	Lower	Upper
57	100		
41	95.0	76.8	115.2
43	250.4	201.0	301.4
56	53.2	43.5	65.3

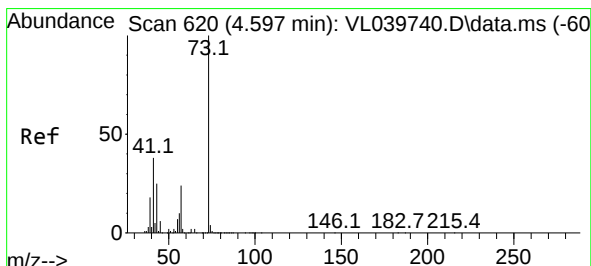
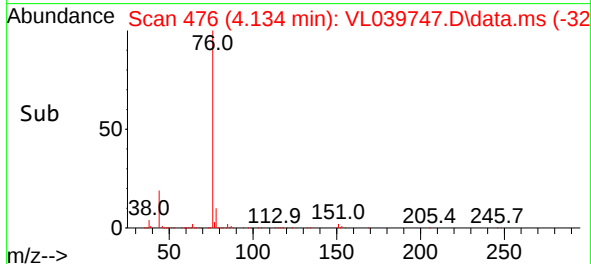
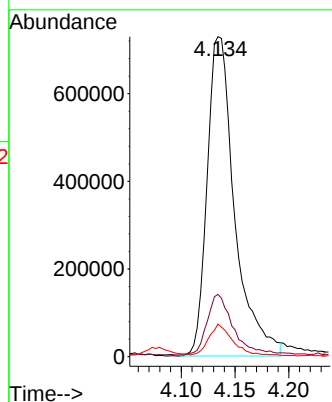
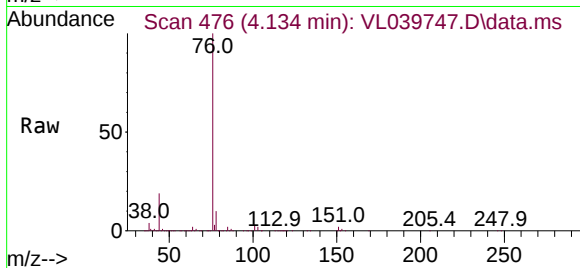




#27
Carbon Disulfide
Concen: 11.095 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

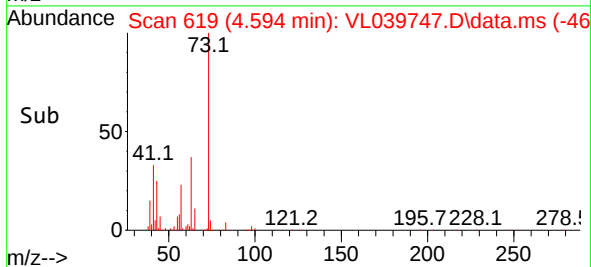
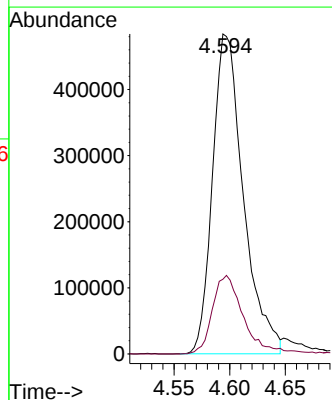
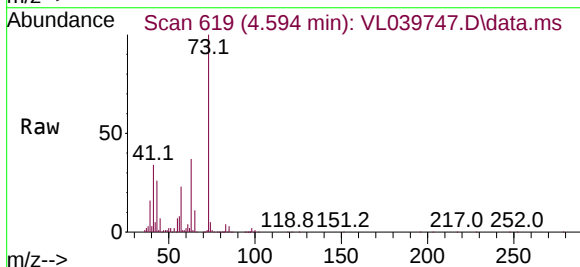
Instrument :
MSVOA_1
ClientSampleId :
ICVVL102122

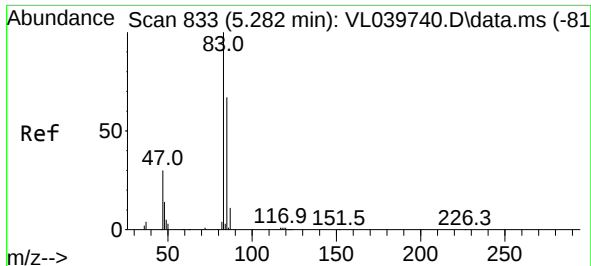
Tgt Ion: 76 Resp: 1298636
Ion Ratio Lower Upper
76 100
44 18.9 14.5 21.7
78 9.7 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 10.501 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 73 Resp: 930838
Ion Ratio Lower Upper
73 100
57 25.3 19.4 29.2





#29

Chloroform

Concen: 8.170 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

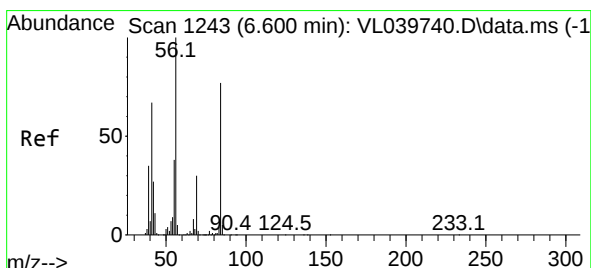
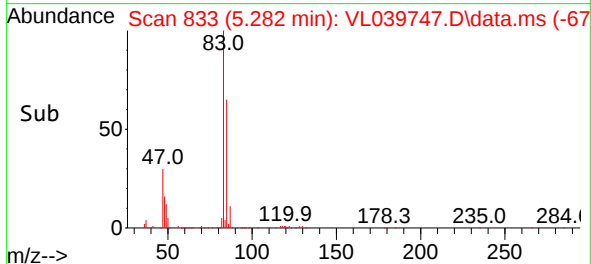
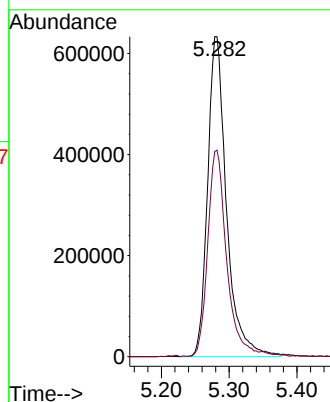
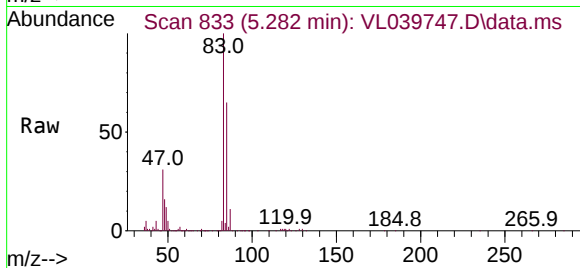
ICVVL102122

Tgt Ion: 83 Resp: 1224126

Ion Ratio Lower Upper

83 100

85 64.6 53.5 80.3



#30

Cyclohexane

Concen: 10.936 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

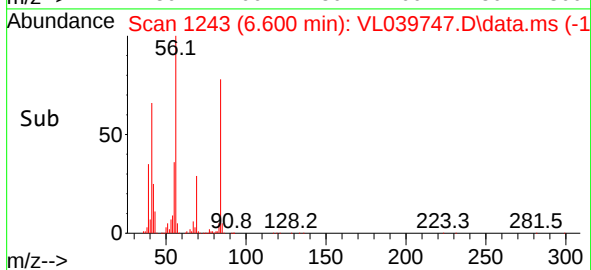
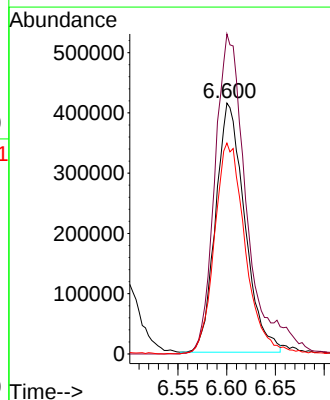
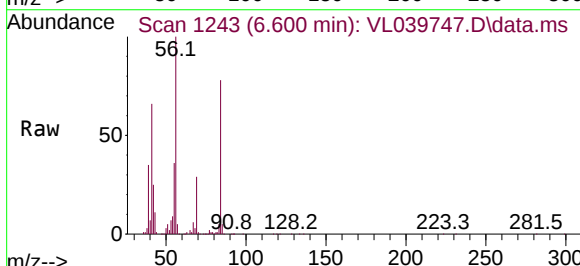
Tgt Ion: 84 Resp: 859308

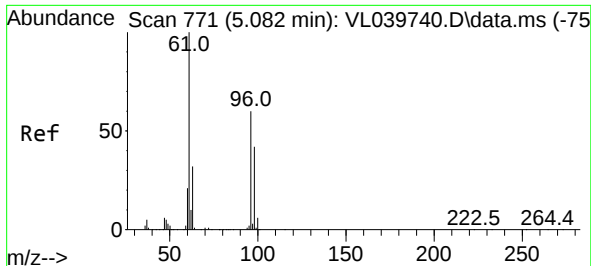
Ion Ratio Lower Upper

84 100

56 141.7 114.2 171.4

41 90.4 74.2 111.2

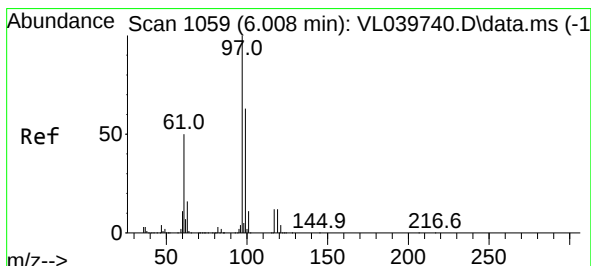
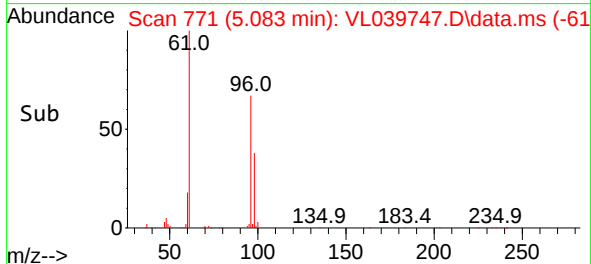
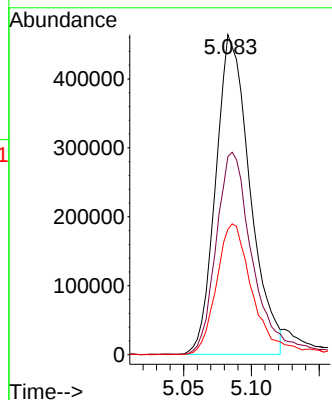
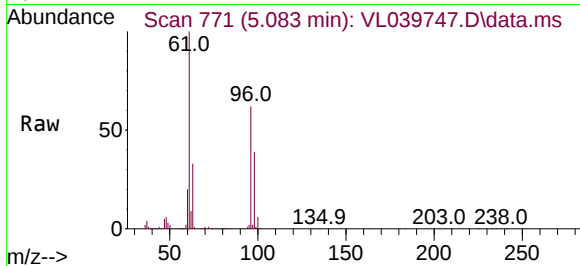




#31
 cis-1,2-Dichloroethene
 Concen: 9.708 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

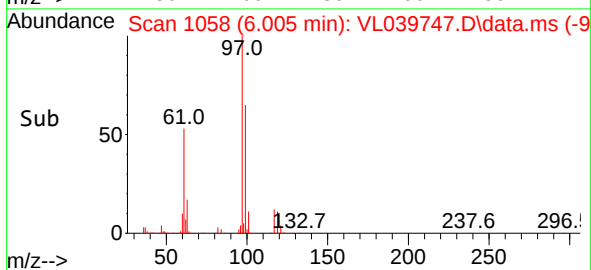
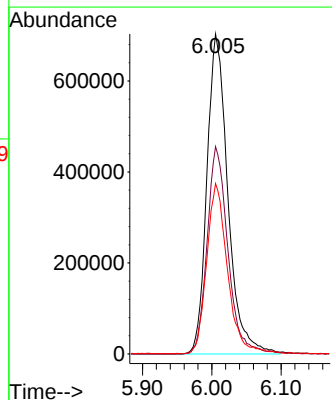
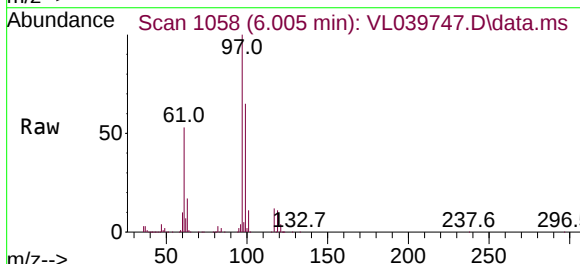
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

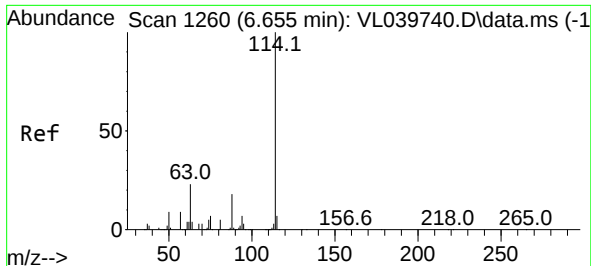
Tgt Ion: 61 Resp: 813737
 Ion Ratio Lower Upper
 61 100
 96 61.8 48.3 72.5
 98 39.2 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 11.359 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 97 Resp: 1476292
 Ion Ratio Lower Upper
 97 100
 99 64.6 53.0 79.4
 61 53.4 43.3 64.9

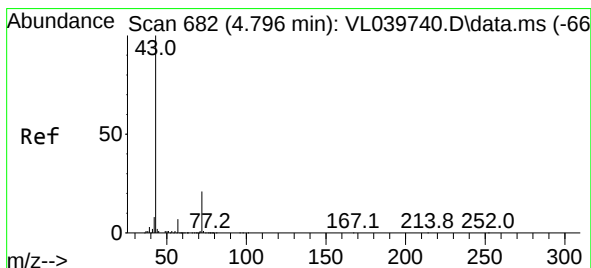
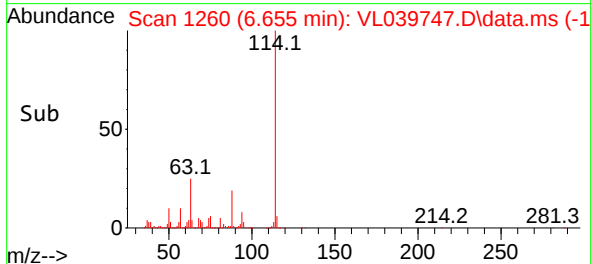
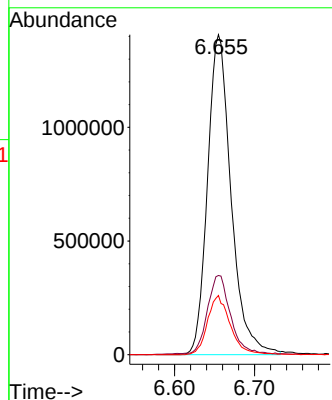
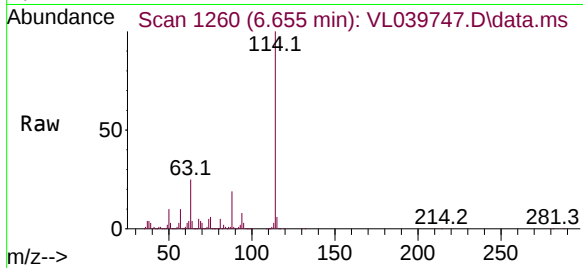




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

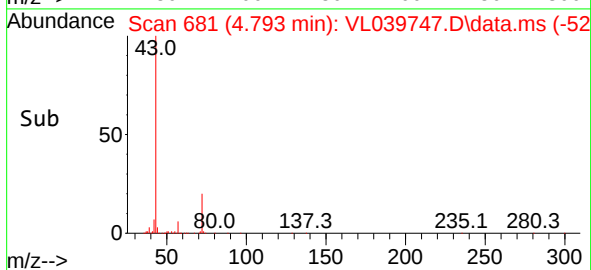
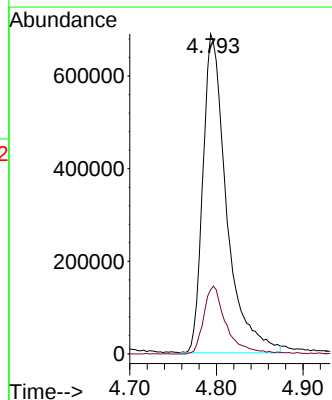
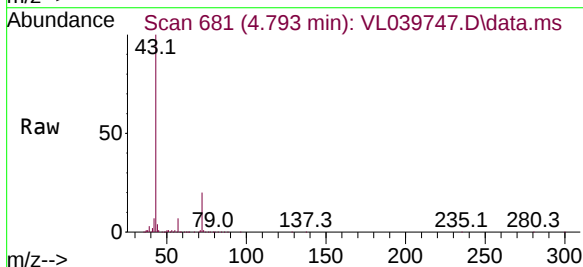
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

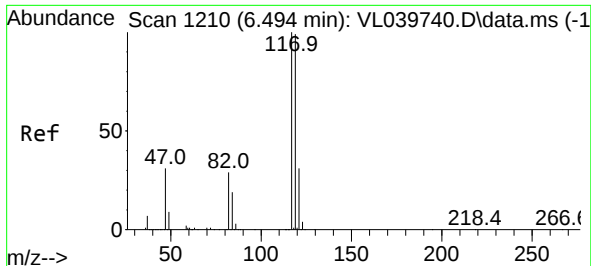
Tgt Ion:114 Resp: 2880150
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 17.9 14.2 21.4



#34
2-Butanone
Concen: 9.828 ppbv
RT: 4.793 min Scan# 681
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 43 Resp: 1305636
Ion Ratio Lower Upper
43 100
72 20.8 17.1 25.7

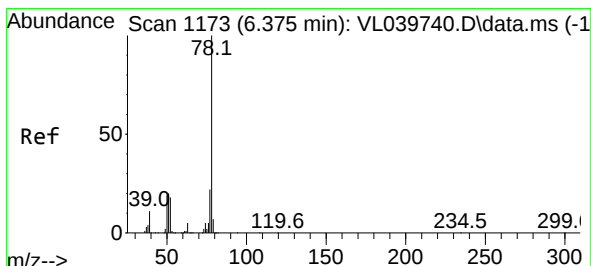
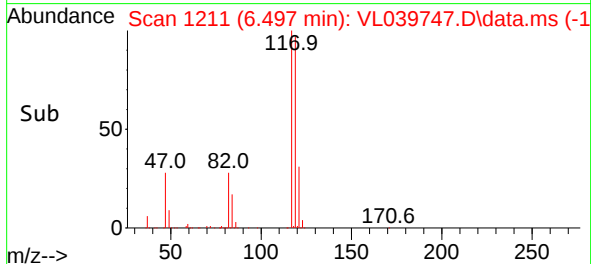
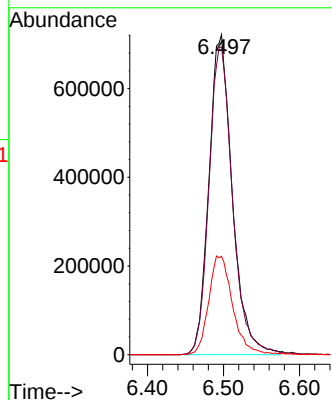
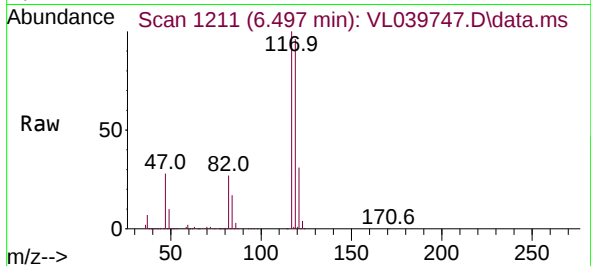




#35
Carbon Tetrachloride
Concen: 10.313 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

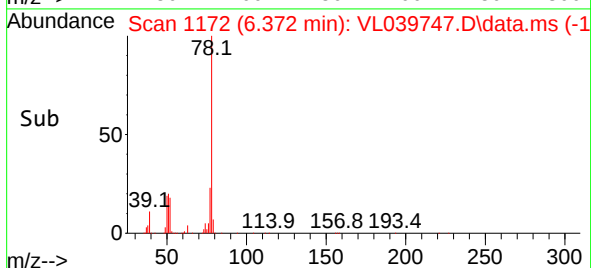
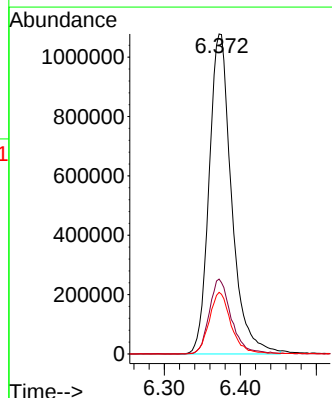
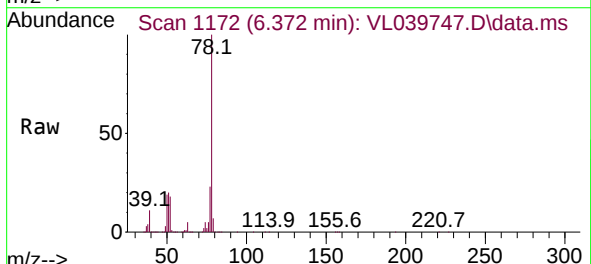
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

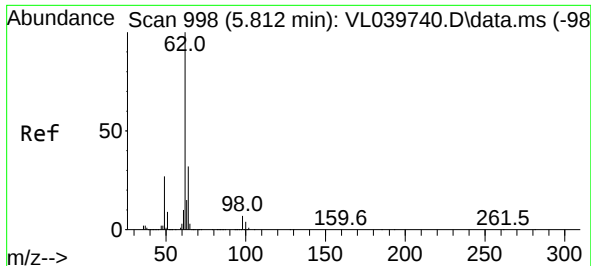
Tgt Ion:117 Resp: 1539340
Ion Ratio Lower Upper
117 100
119 96.2 79.2 118.8
121 30.8 25.0 37.6



#36
Benzene
Concen: 10.166 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 78 Resp: 2209690
Ion Ratio Lower Upper
78 100
77 23.4 17.3 25.9
50 19.2 14.9 22.3

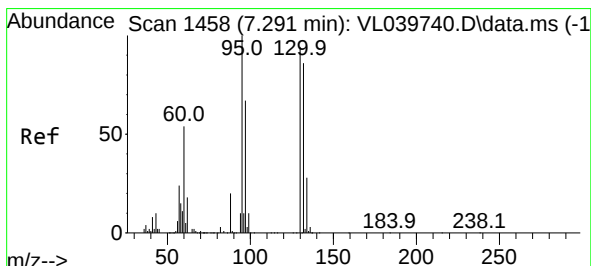
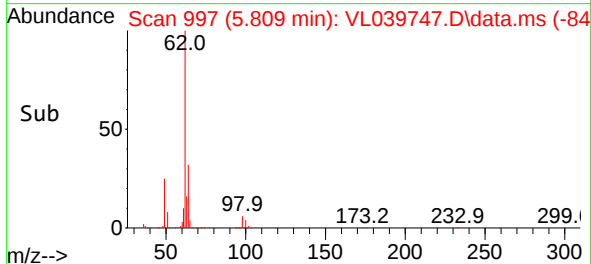
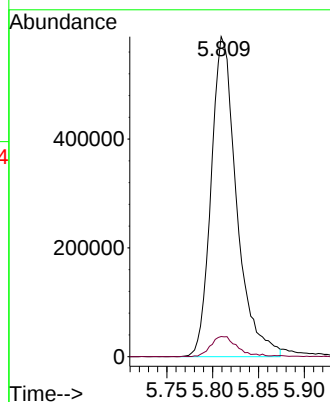
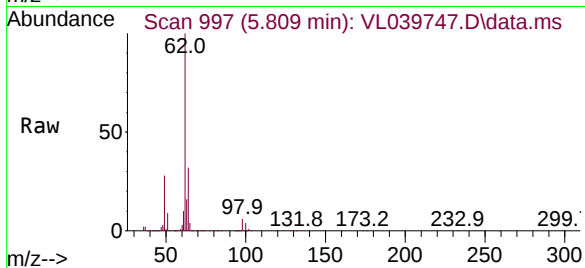




#37
1,2-Dichloroethane
Concen: 9.732 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

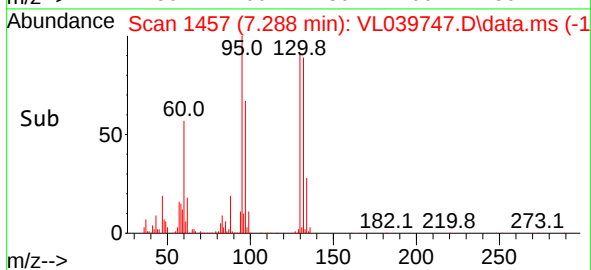
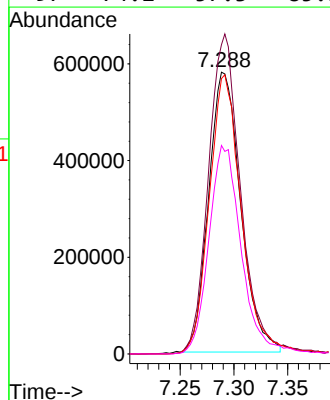
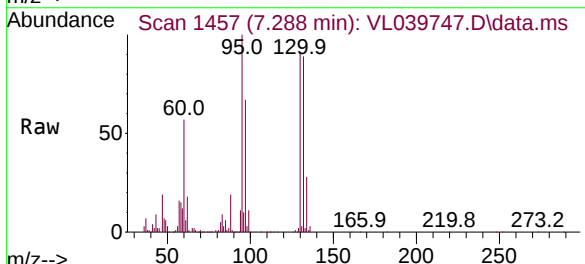
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

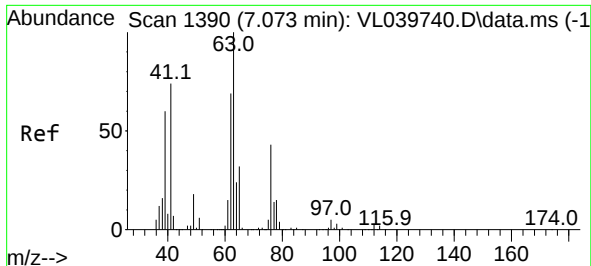
Tgt Ion: 62 Resp: 1139559
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.0



#38
Trichloroethene
Concen: 10.300 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:130 Resp: 1200903
Ion Ratio Lower Upper
130 100
95 110.1 85.4 128.2
132 97.9 73.0 109.6
97 74.2 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.797 ppbv

RT: 7.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

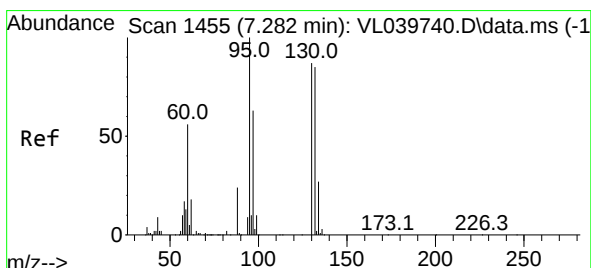
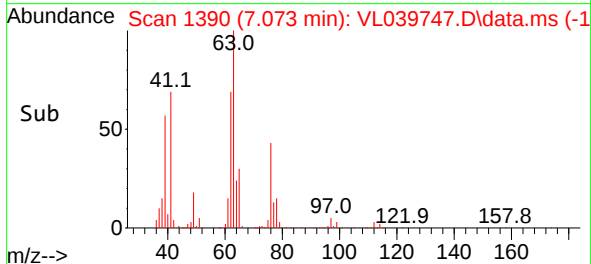
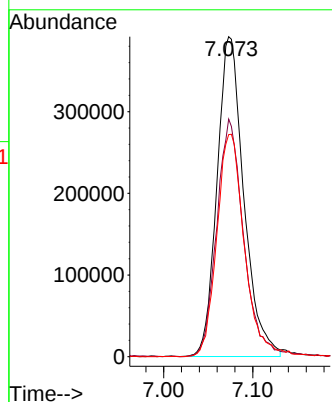
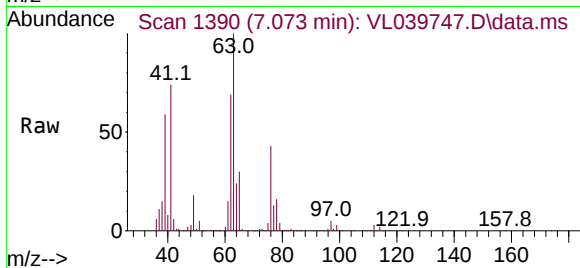
Tgt Ion: 63 Resp: 816914

Ion Ratio Lower Upper

63 100

41 74.2 59.5 89.3

62 69.5 55.2 82.8



#40

1,4-Dioxane

Concen: 3.488 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Tgt Ion: 88 Resp: 111402

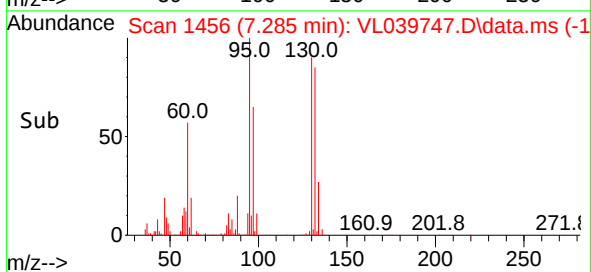
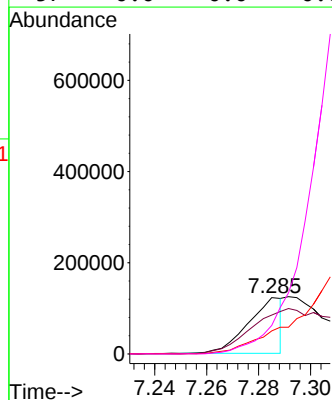
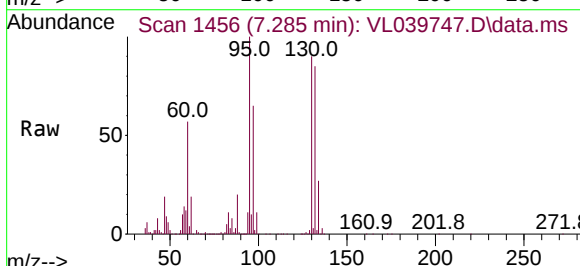
Ion Ratio Lower Upper

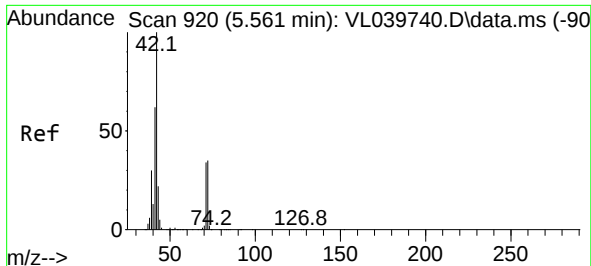
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.872 ppbv

RT: 5.565 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

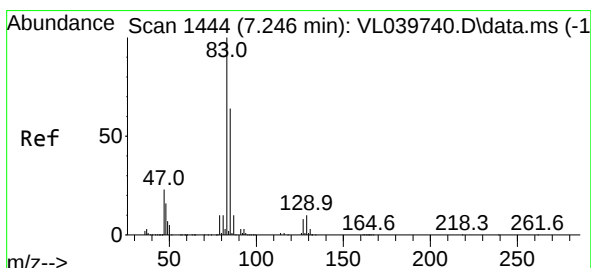
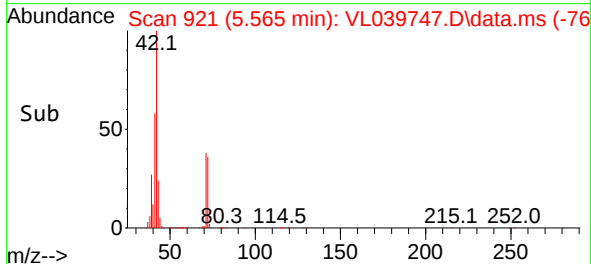
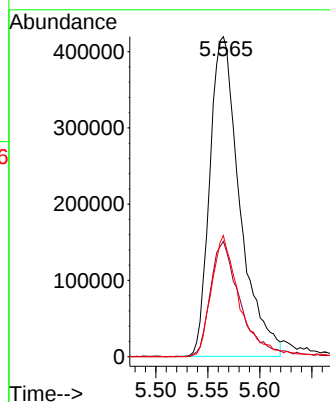
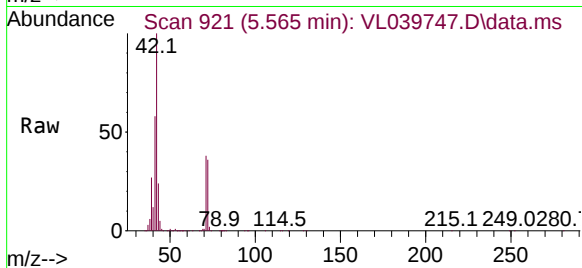
Tgt Ion: 42 Resp: 840881

Ion Ratio Lower Upper

42 100

72 36.6 30.0 45.0

71 36.6 29.3 43.9



#42

Bromodichloromethane

Concen: 10.341 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

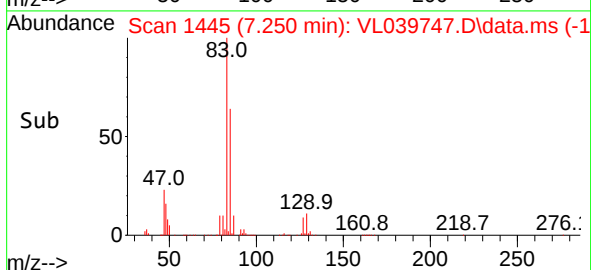
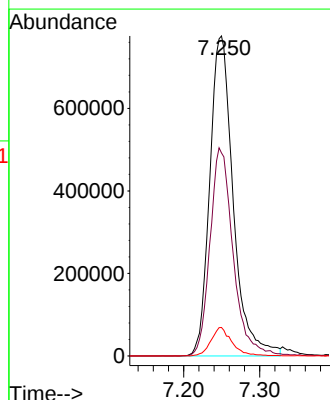
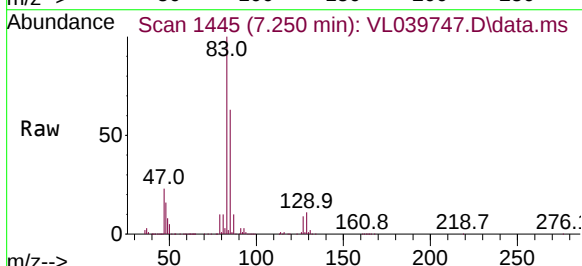
Tgt Ion: 83 Resp: 1662855

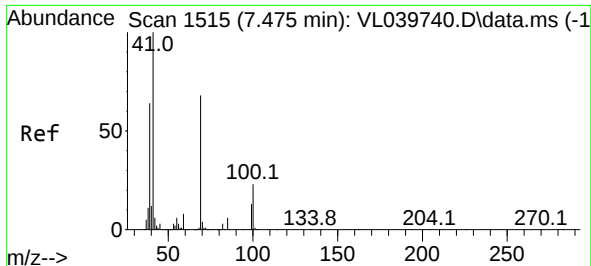
Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

127 8.9 6.5 9.7

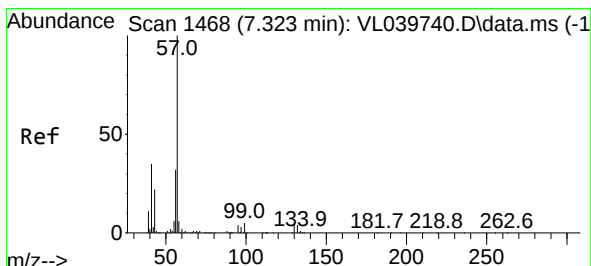
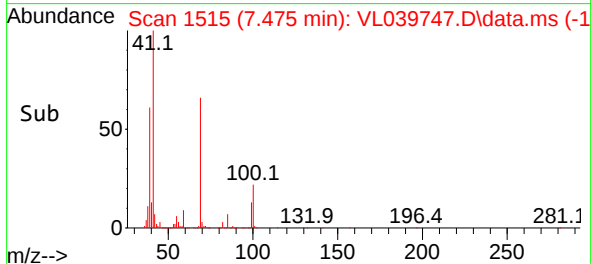
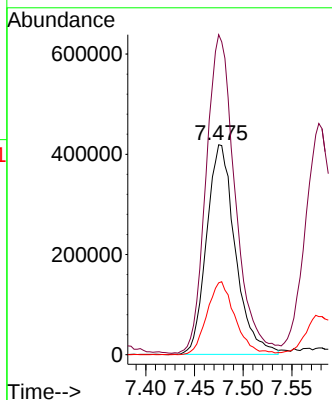
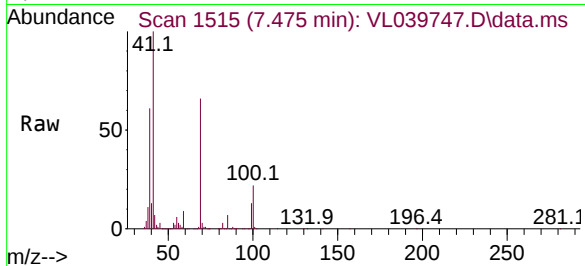




#43
Methyl Methacrylate
Concen: 10.942 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

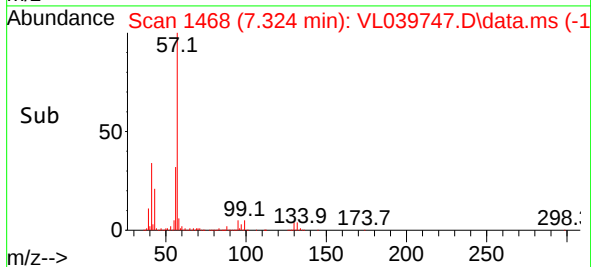
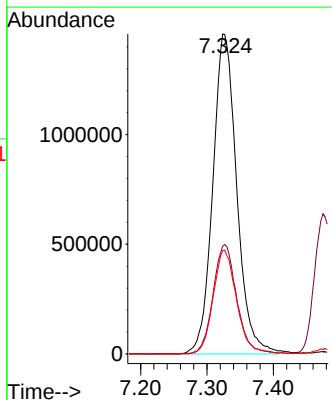
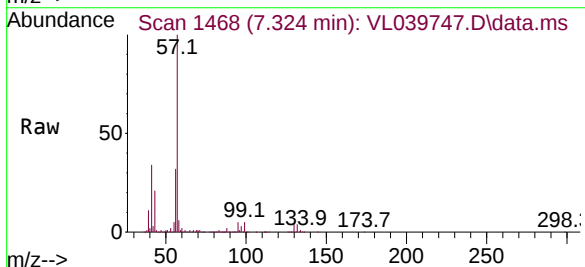
Instrument :
MSVOA_1
ClientSampleId :
ICVVL102122

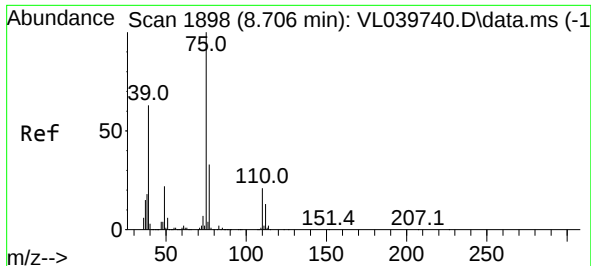
Tgt Ion: 69 Resp: 855571
Ion Ratio Lower Upper
69 100
41 154.3 124.6 186.8
100 34.5 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 9.930 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 57 Resp: 3657360
Ion Ratio Lower Upper
57 100
41 33.7 27.1 40.7
56 31.8 25.2 37.8

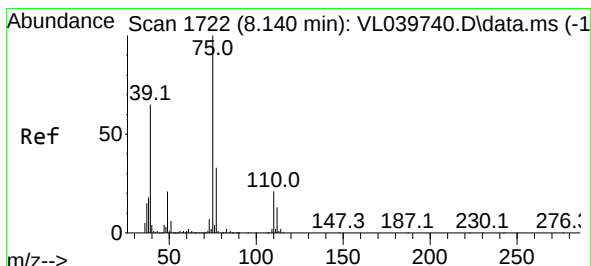
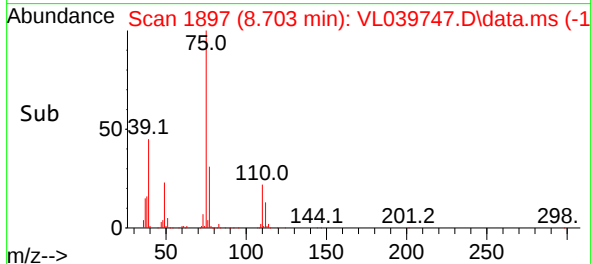
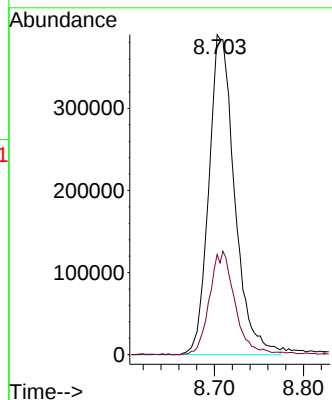
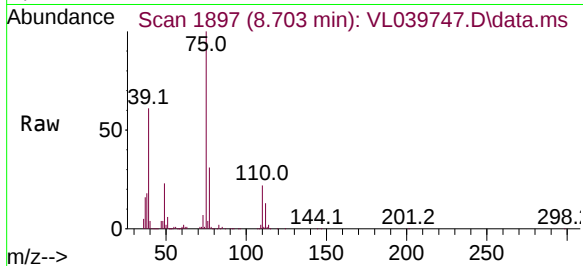




#45
 t-1,3-Dichloropropene
 Concen: 12.112 ppbv
 RT: 8.703 min Scan# 1898
 Delta R.T. -0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

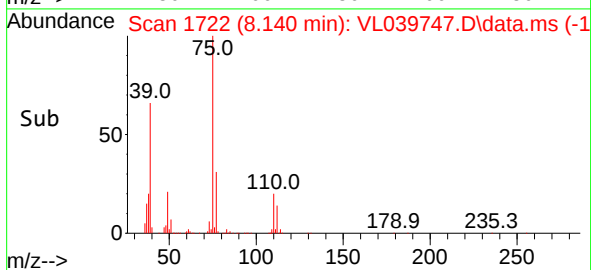
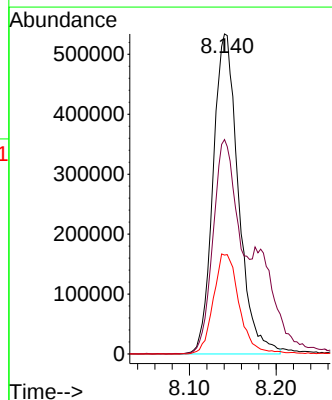
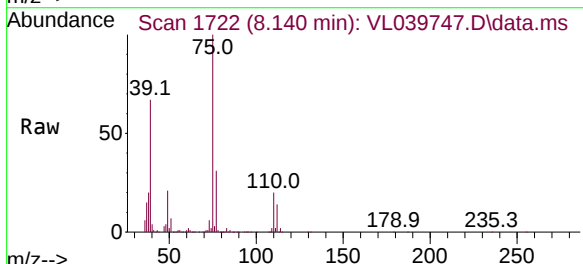
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

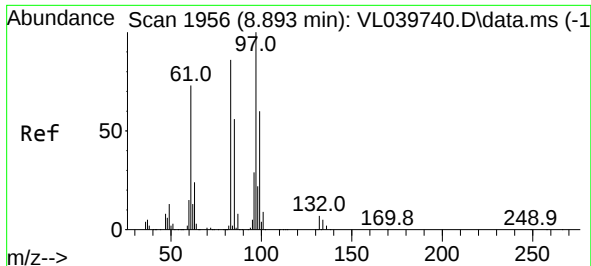
Tgt Ion: 75 Resp: 783946
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 39.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.844 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 75 Resp: 1085917
 Ion Ratio Lower Upper
 75 100
 39 66.9 52.2 78.4
 77 30.9 26.6 40.0



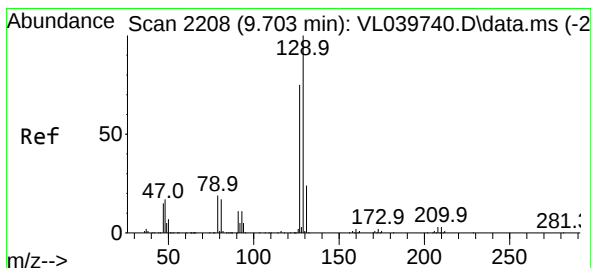
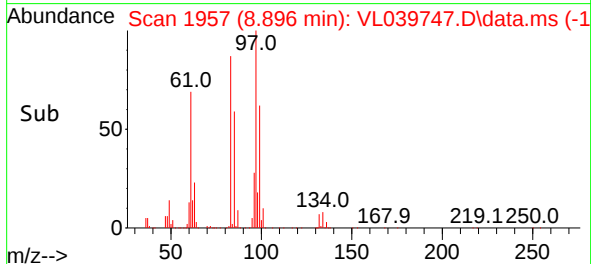
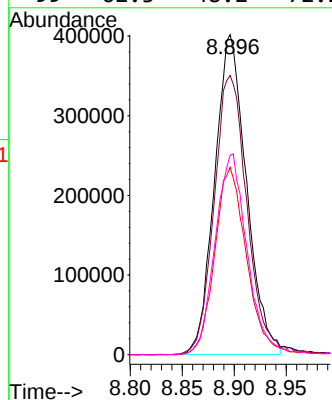
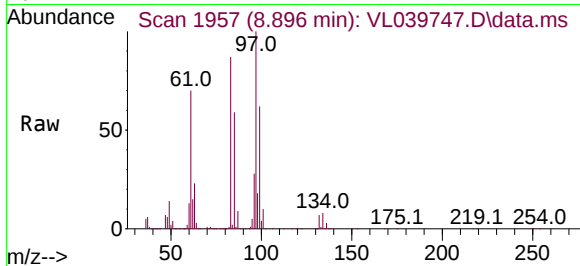


#47
 1,1,2-Trichloroethane
 Concen: 9.417 ppbv
 RT: 8.896 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

Tgt Ion: 97 Resp: 852713

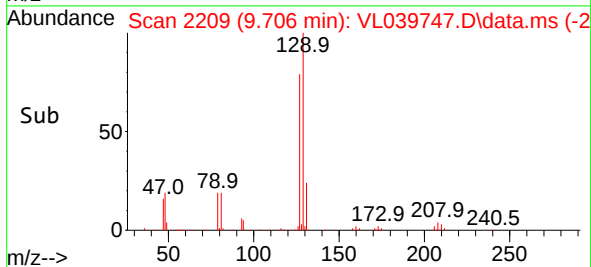
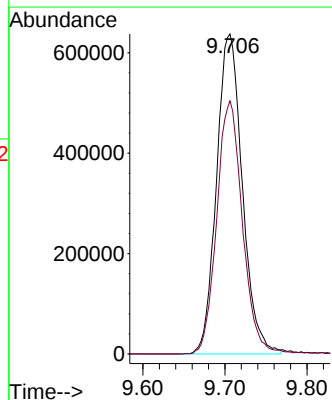
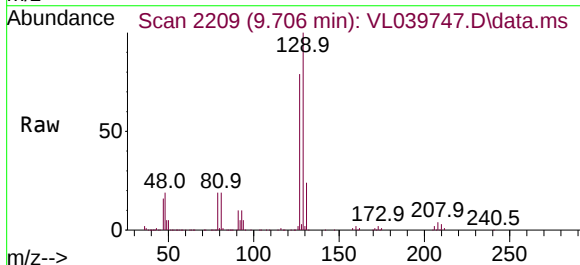
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.8	103.2
85	58.5	44.8	67.2
99	62.3	48.2	72.2

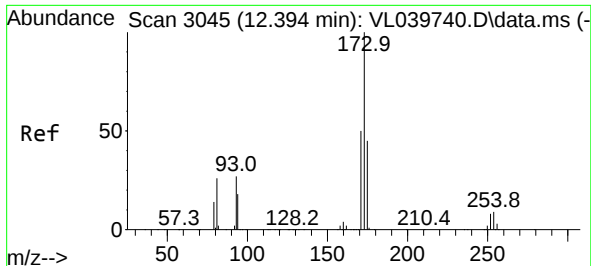


#48
 Dibromochloromethane
 Concen: 10.216 ppbv
 RT: 9.706 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 129 Resp: 1395647

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.9	116.6

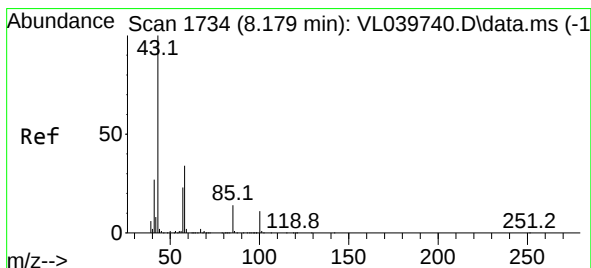
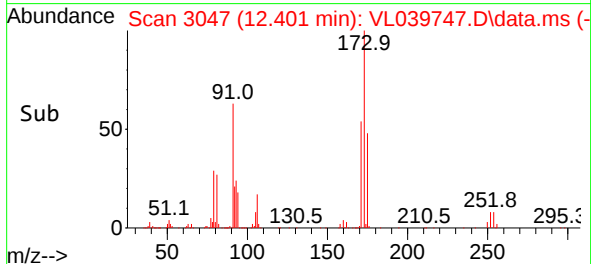
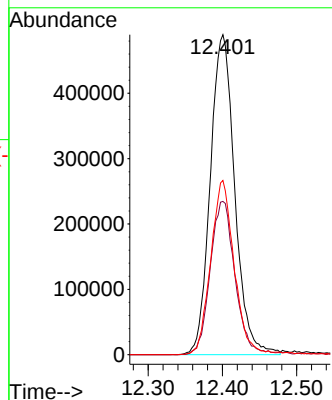
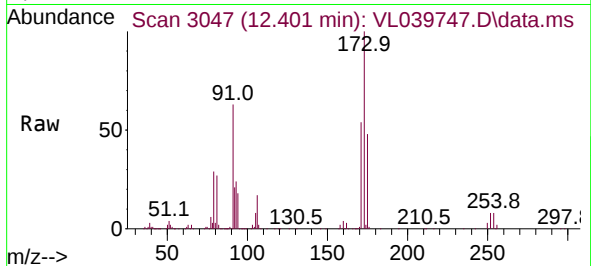




#49
Bromoform
Concen: 10.199 ppbv
RT: 12.401 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

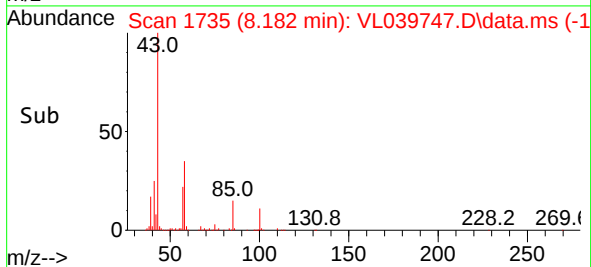
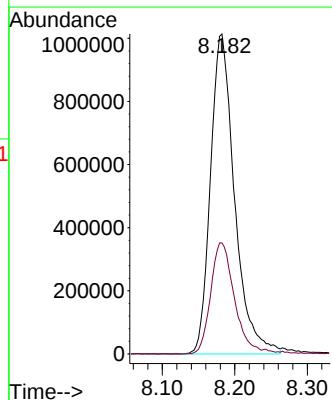
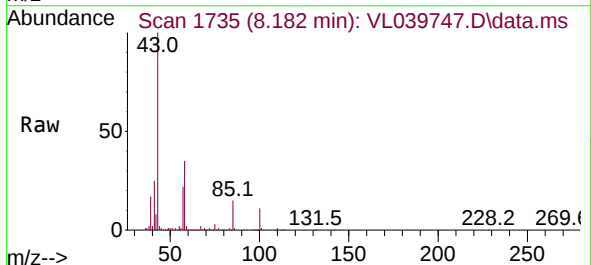
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

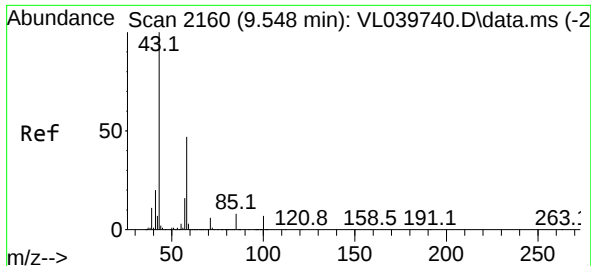
Tgt Ion:173 Resp: 1121591
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
171 53.1 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 10.783 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 43 Resp: 2335769
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

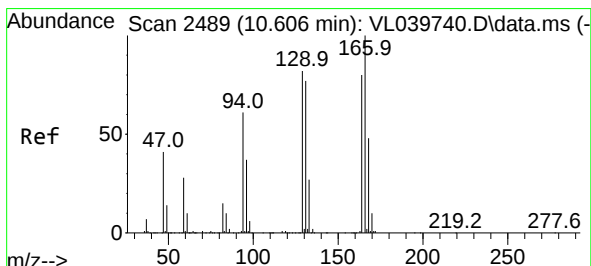
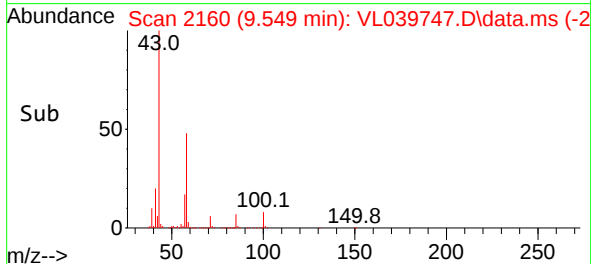
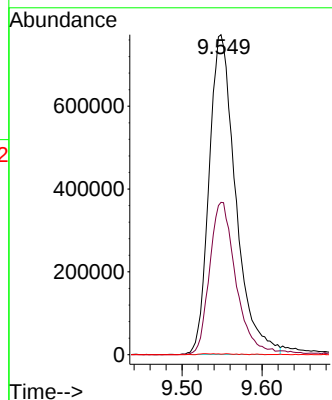
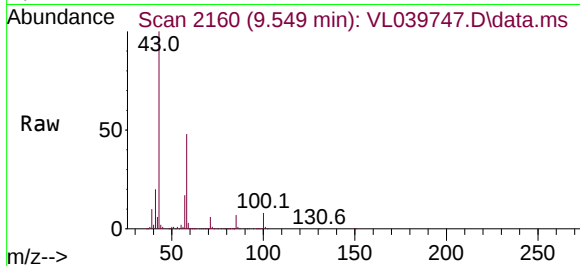




#51
2-Hexanone
Concen: 11.474 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

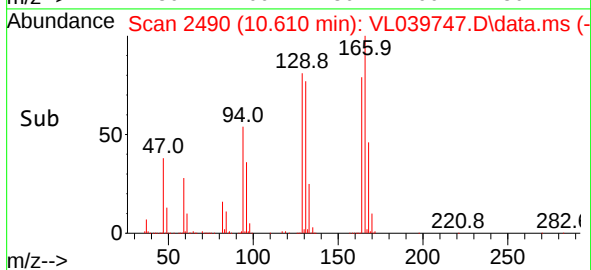
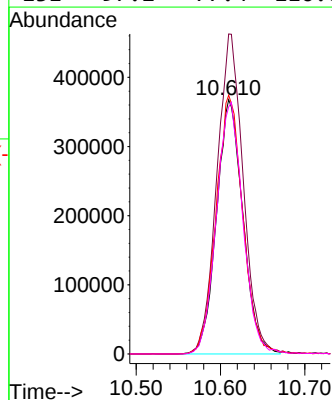
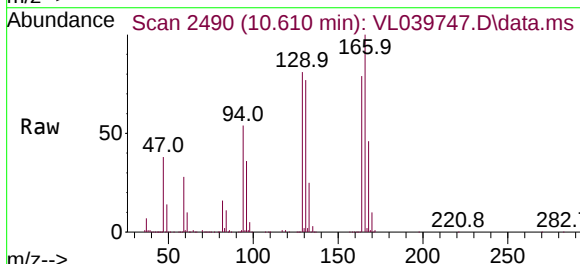
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

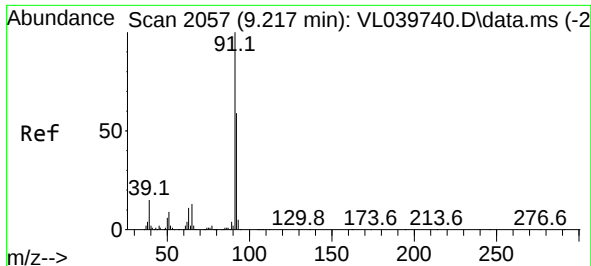
Tgt Ion: 43 Resp: 1781443
Ion Ratio Lower Upper
43 100
58 48.1 37.6 56.4
98 0.3 0.6 0.8#



#52
Tetrachloroethene
Concen: 10.132 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 164 Resp: 794969
Ion Ratio Lower Upper
164 100
166 125.8 100.0 150.0
129 101.7 82.1 123.1
131 97.2 77.4 116.0

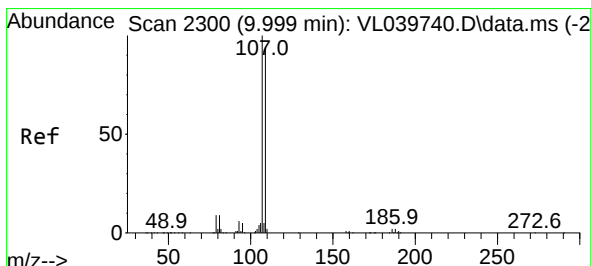
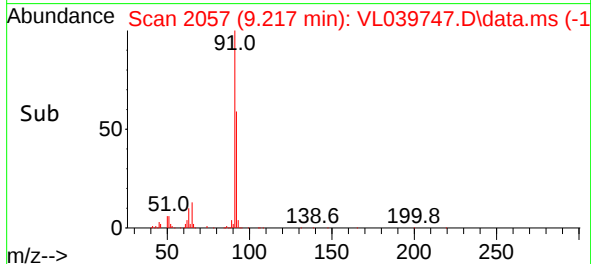
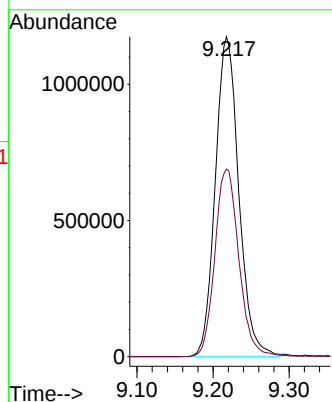
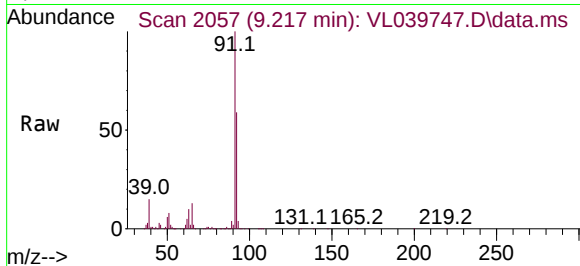




#53
Toluene
Concen: 10.727 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

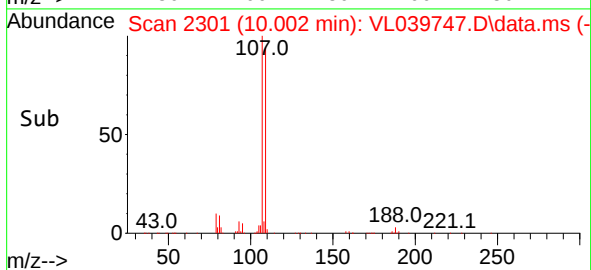
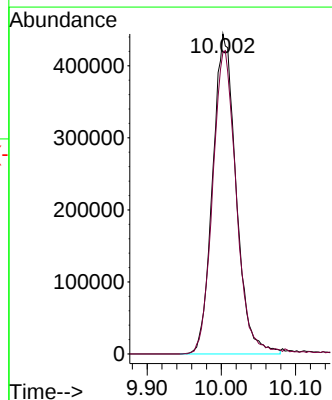
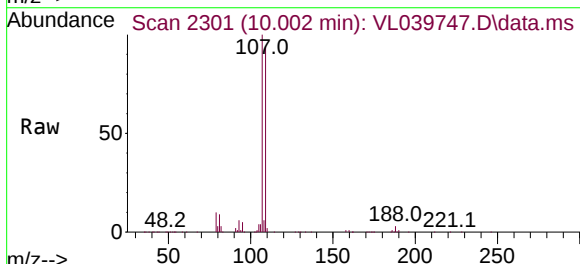
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

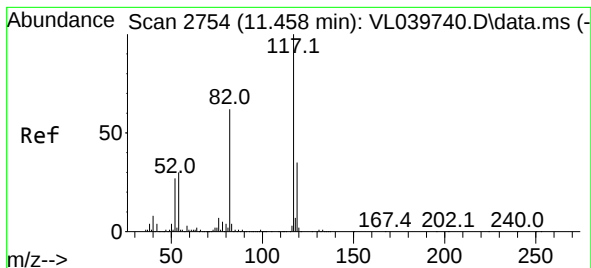
Tgt Ion: 91 Resp: 2517578
Ion Ratio Lower Upper
91 100
92 60.2 47.7 71.5



#54
1,2-Dibromoethane
Concen: 10.690 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 107 Resp: 973455
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

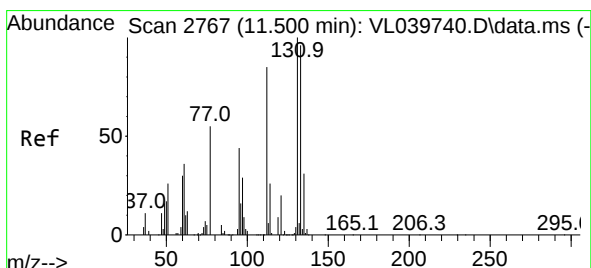
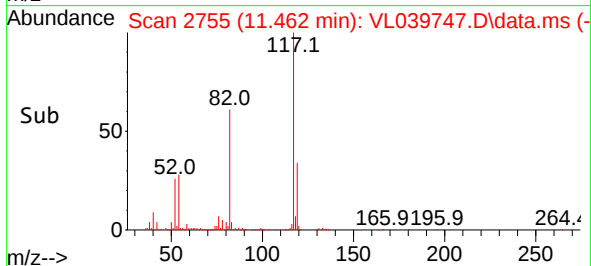
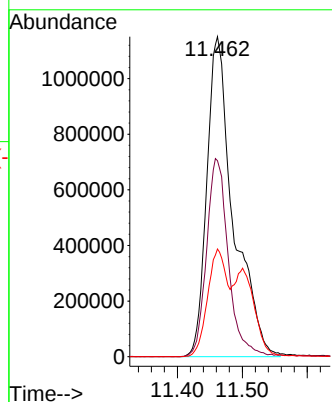
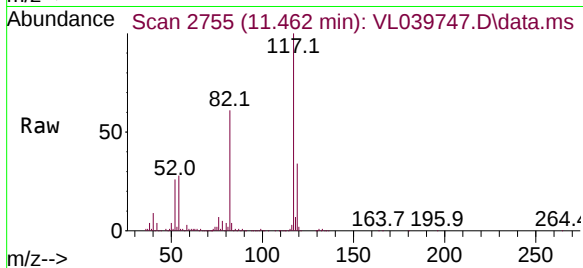




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

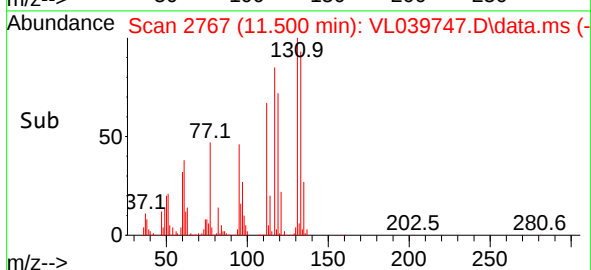
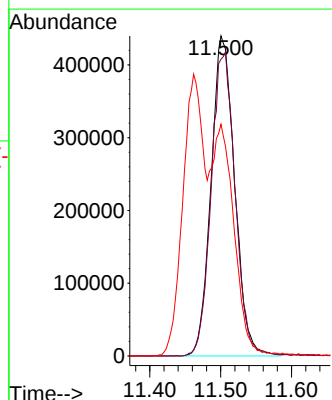
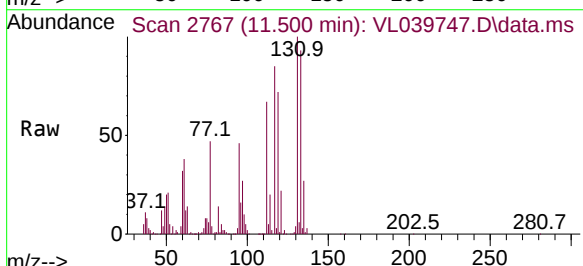
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

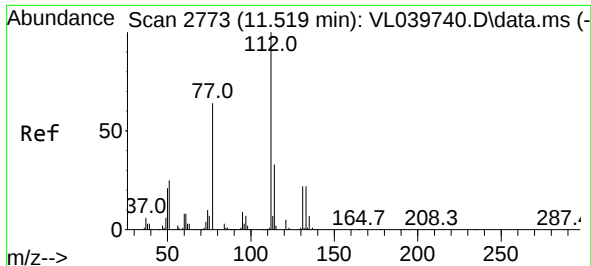
Tgt Ion:117 Resp: 3277235
Ion Ratio Lower Upper
117 100
82 51.3 51.4 77.0#
119 24.6 24.6 36.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.638 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:131 Resp: 1015931
Ion Ratio Lower Upper
131 100
133 97.1 77.2 115.8
119 66.1 55.5 83.3

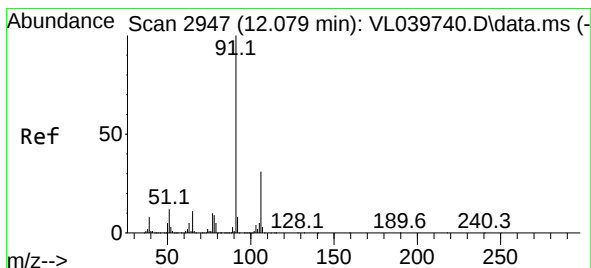
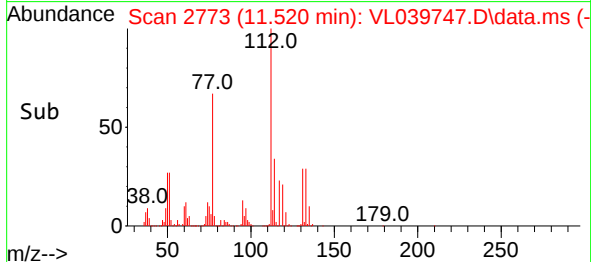
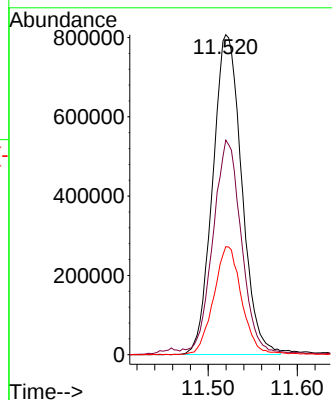
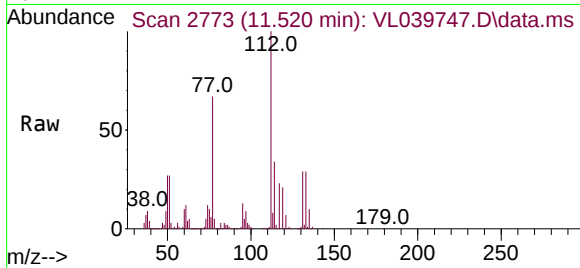




#57
Chlorobenzene
Concen: 7.594 ppbv
RT: 11.520 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

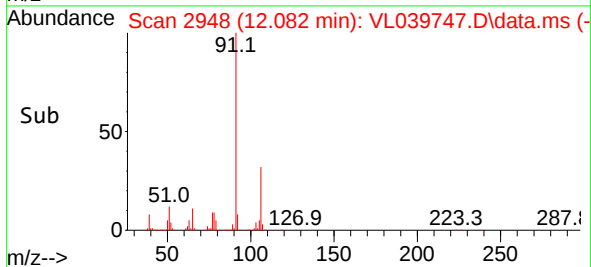
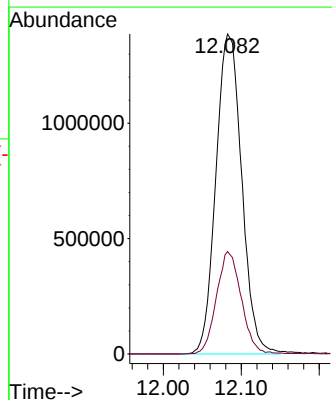
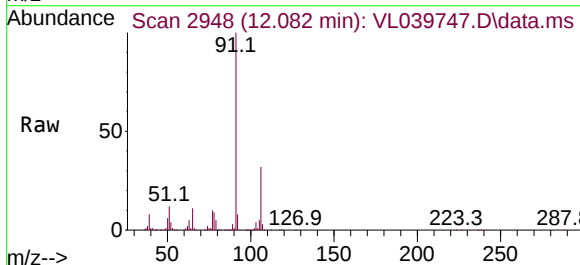
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

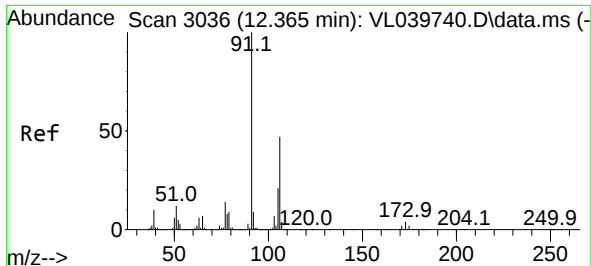
Tgt Ion:112 Resp: 1825783
Ion Ratio Lower Upper
112 100
77 66.2 51.4 77.2
114 33.6 30.0 36.6



#58
Ethyl Benzene
Concen: 8.437 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 91 Resp: 3193520
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





#59

m/p-Xylene

Concen: 8.646 ppbv

RT: 12.368 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

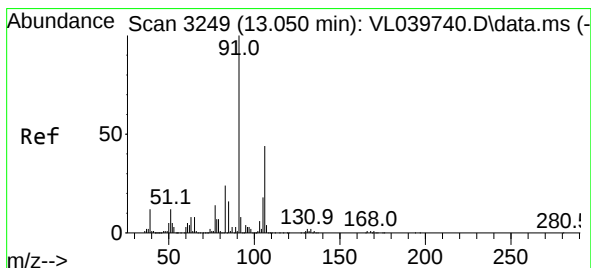
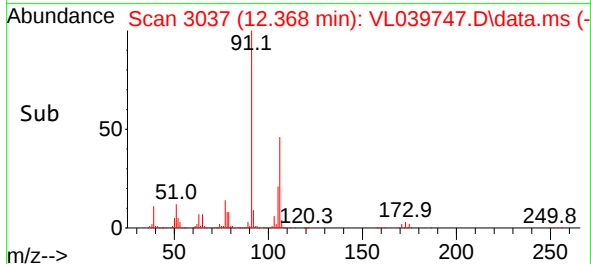
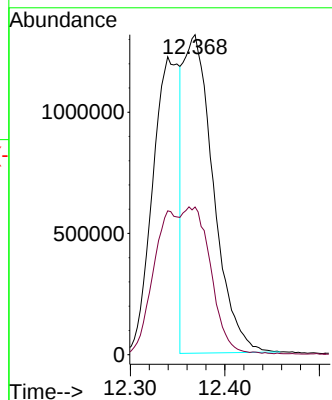
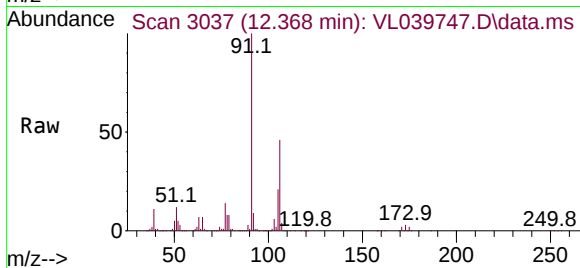
ICVVL102122

Tgt Ion: 91 Resp: 2892592

Ion Ratio Lower Upper

91 100

106 83.7 36.2 54.4#



#60

o-Xylene

Concen: 7.976 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL039747.D

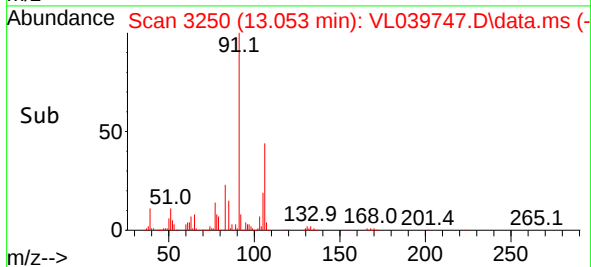
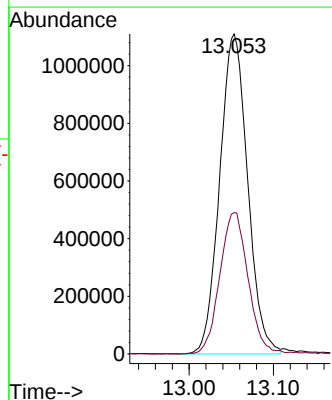
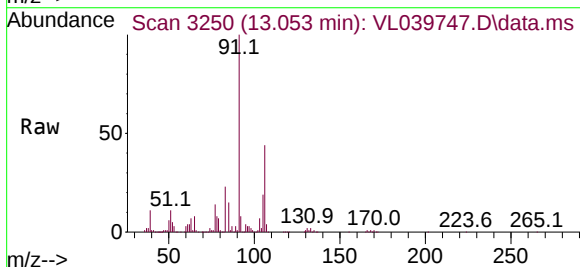
Acq: 21 Oct 2022 16:01

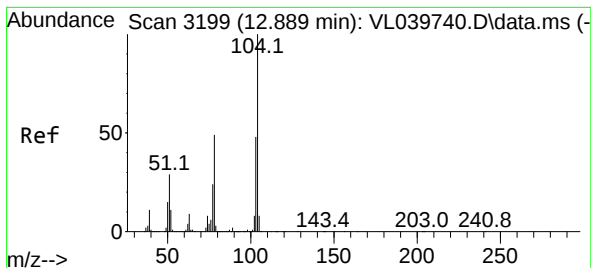
Tgt Ion: 91 Resp: 2552418

Ion Ratio Lower Upper

91 100

106 45.0 22.4 67.0





#61

Styrene

Concen: 9.148 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

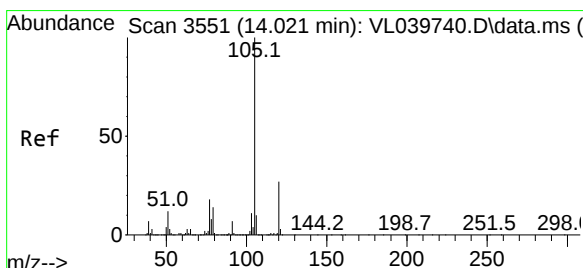
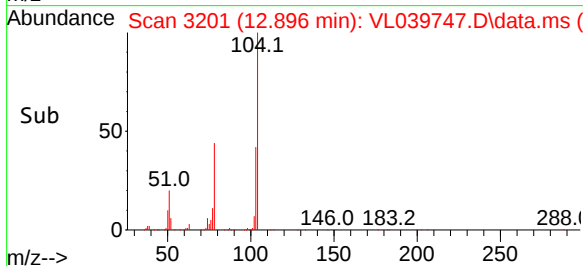
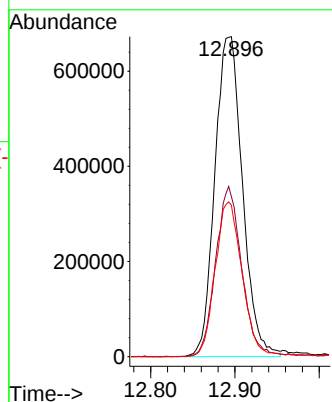
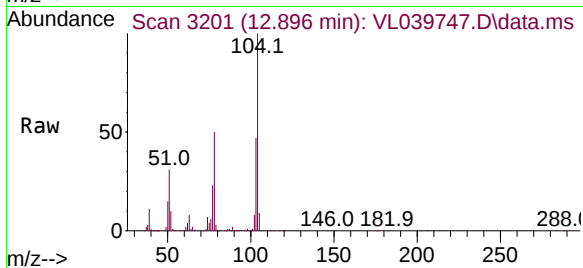
Tgt Ion:104 Resp: 1531767

Ion Ratio Lower Upper

104 100

78 50.4 39.6 59.4

103 47.8 38.1 57.1



#62

Isopropylbenzene

Concen: 7.705 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL039747.D

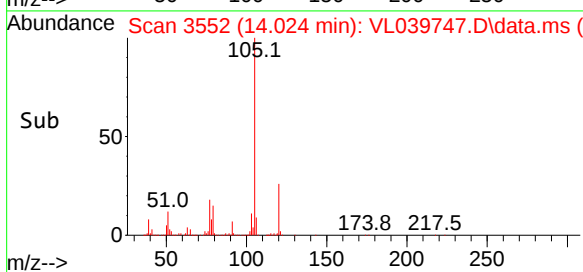
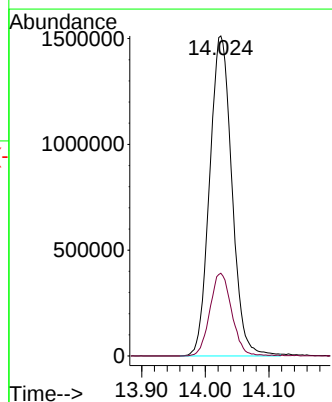
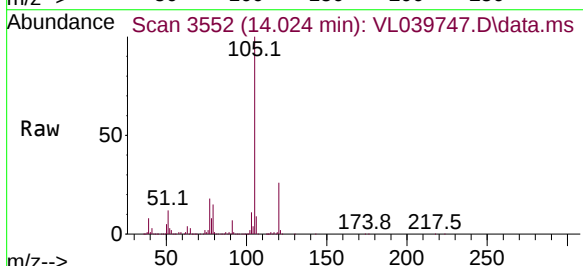
Acq: 21 Oct 2022 16:01

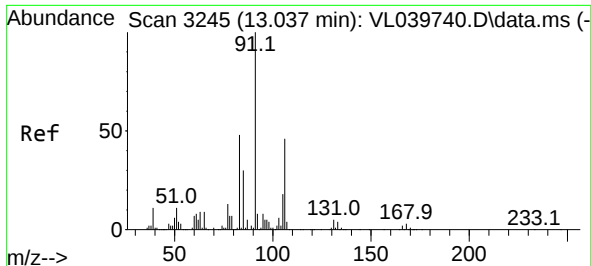
Tgt Ion:105 Resp: 3672627

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

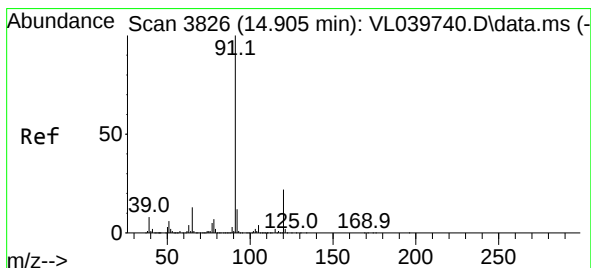
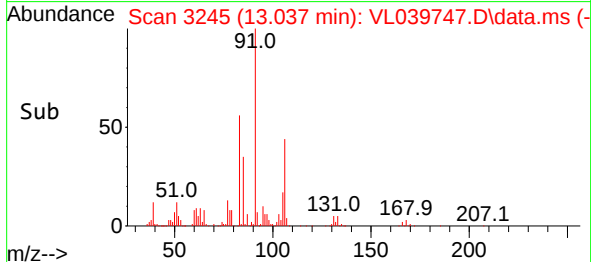
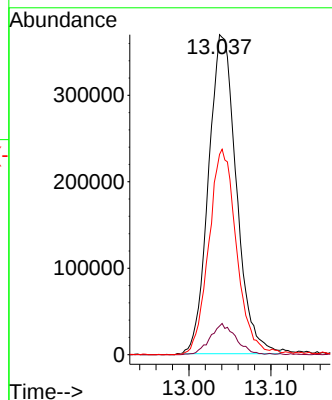
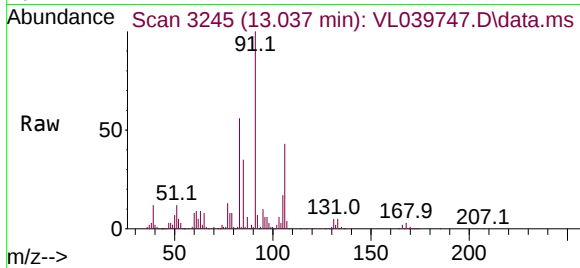




#63
1,1,2,2-Tetrachloroethane
Concen: 7.132 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

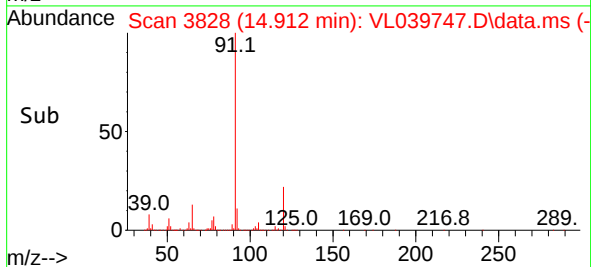
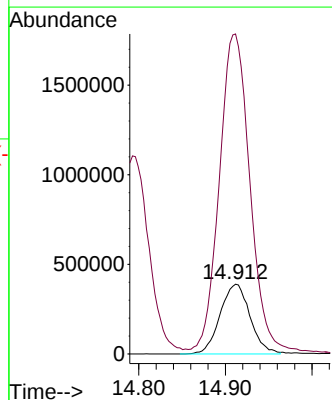
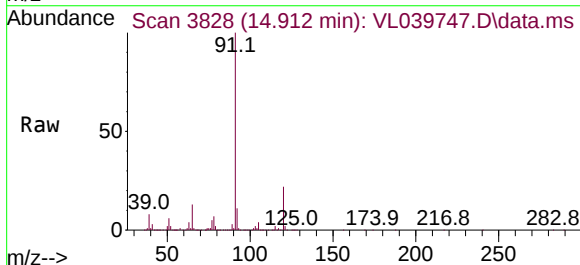
Instrument :
MSVOA_1
ClientSampleId :
ICVVL102122

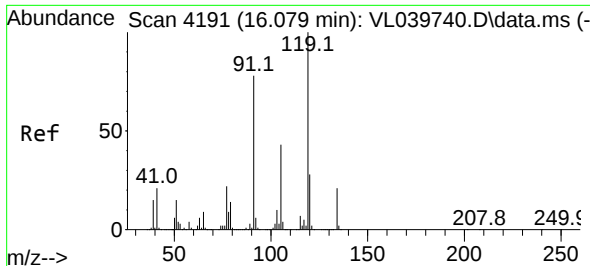
Tgt Ion: 83 Resp: 872209
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.7
85 65.2 32.8 98.4



#64
n-propylbenzene
Concen: 7.801 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 120 Resp: 934226
Ion Ratio Lower Upper
120 100
91 477.2 376.2 564.2

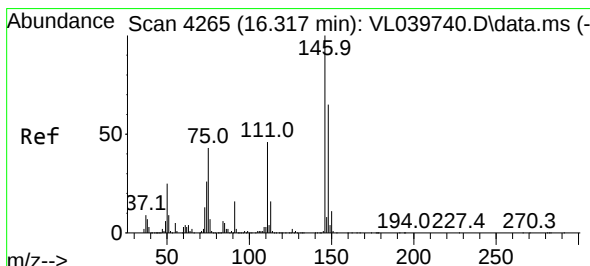
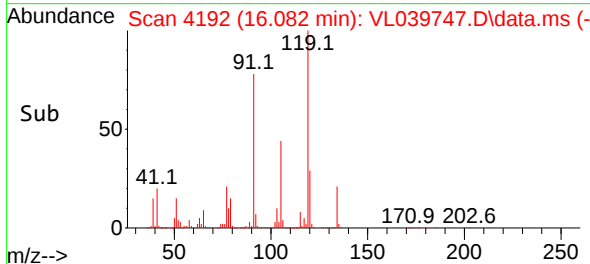
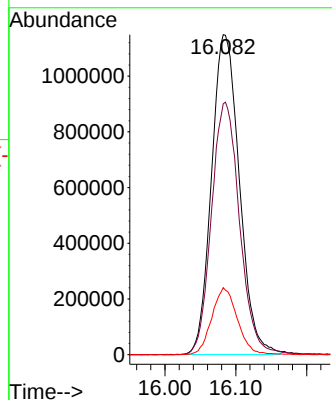
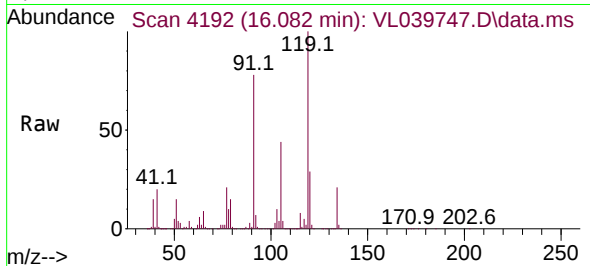




#65
tert-Butylbenzene
Concen: 7.504 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

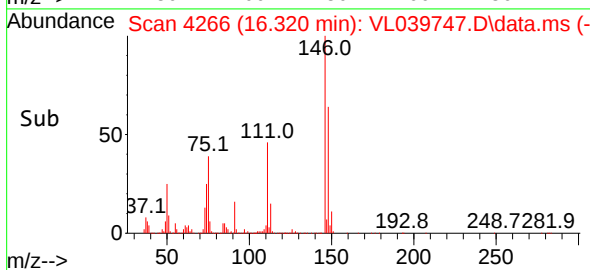
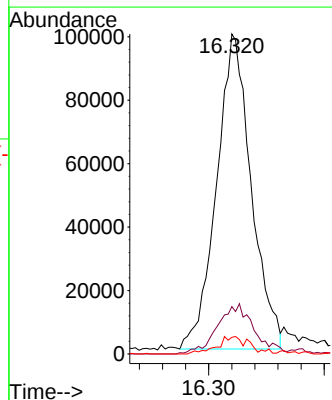
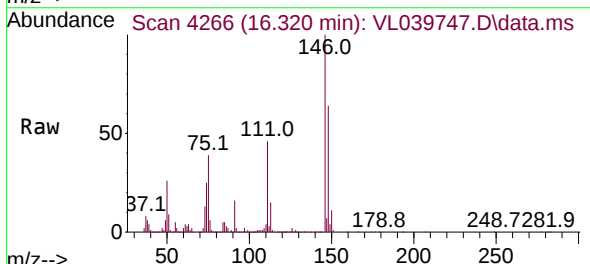
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

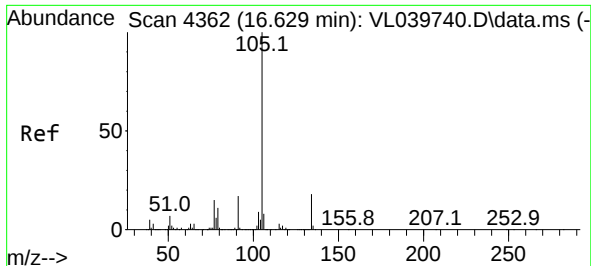
Tgt Ion:119 Resp: 3133830
Ion Ratio Lower Upper
119 100
91 79.8 64.2 96.2
134 19.3 15.5 23.3



#66
Benzyl Chloride
Concen: 7.110 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 91 Resp: 207466
Ion Ratio Lower Upper
91 100
126 17.5 12.6 18.8
128 5.7 4.2 6.2

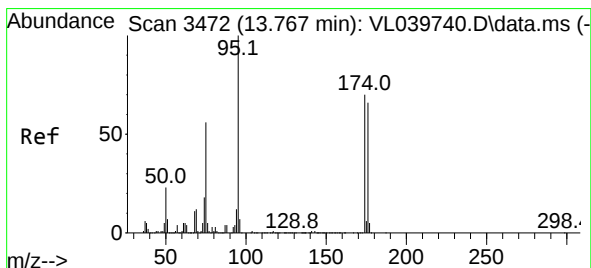
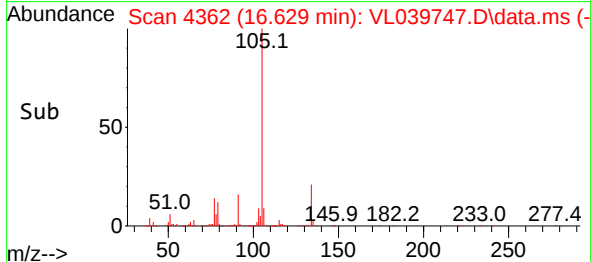
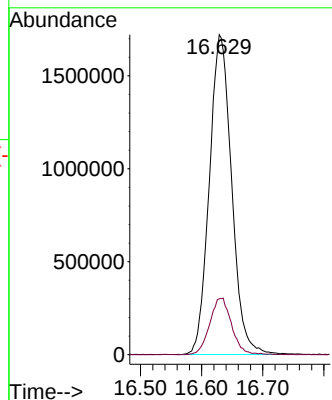
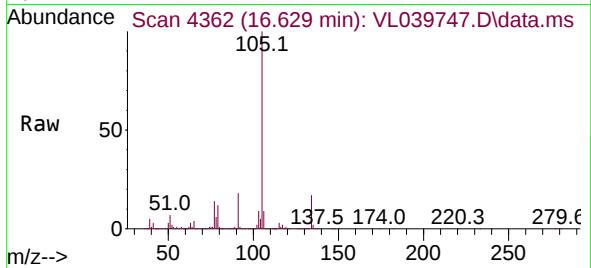




#67
 sec-Butylbenzene
 Concen: 7.539 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

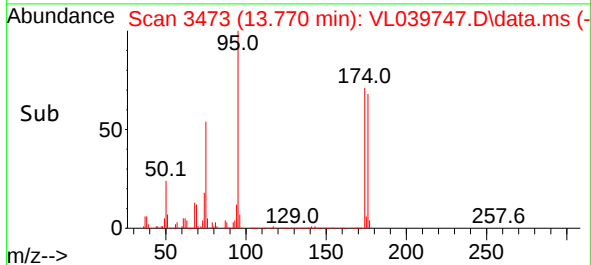
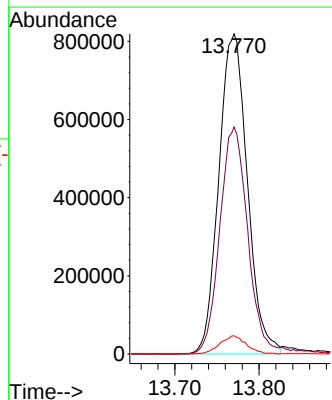
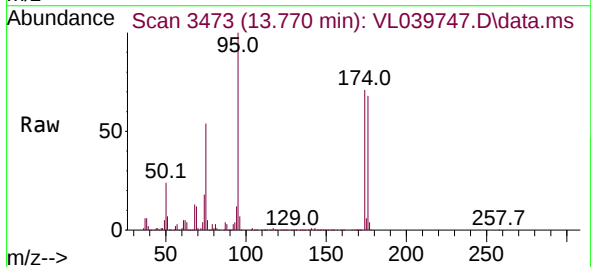
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

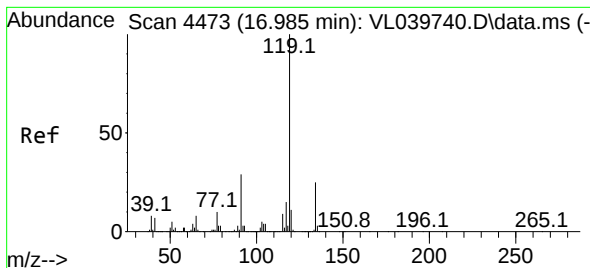
Tgt Ion:105 Resp: 4355589
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.278 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion: 95 Resp: 1925691
 Ion Ratio Lower Upper
 95 100
 174 70.9 56.5 84.7
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 7.677 ppbv

RT: 16.989 min Scan# 4473

Delta R.T. 0.003 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL102122

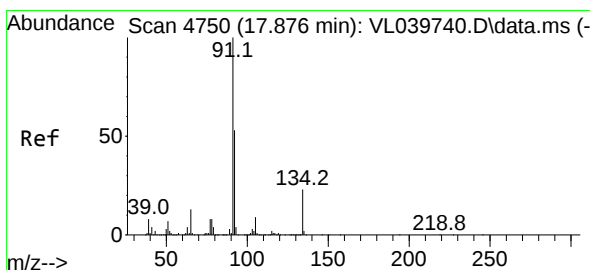
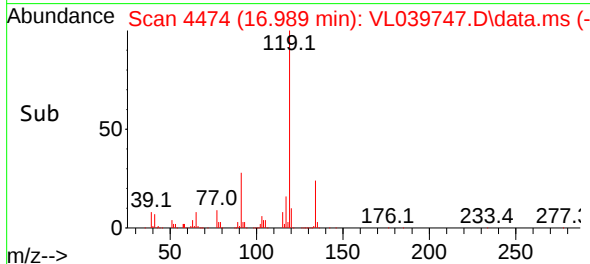
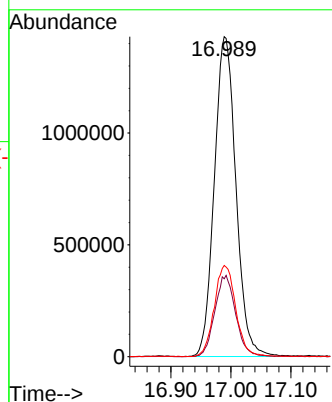
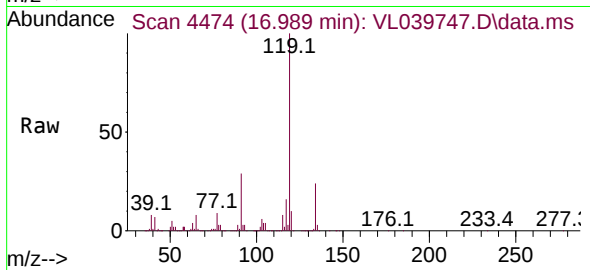
Tgt Ion:119 Resp: 3574278

Ion Ratio Lower Upper

119 100

134 24.6 19.8 29.8

91 28.1 22.7 34.1



#70

n-Butylbenzene

Concen: 7.856 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.007 min

Lab File: VL039747.D

Acq: 21 Oct 2022 16:01

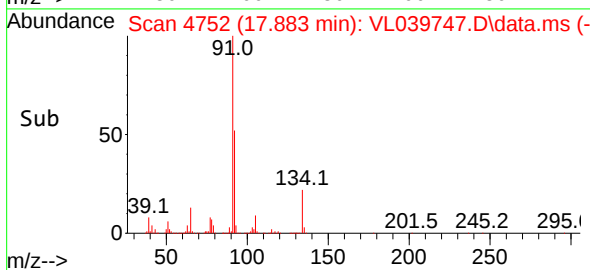
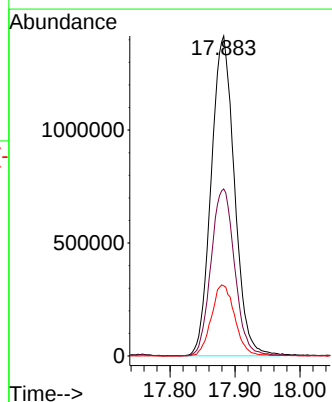
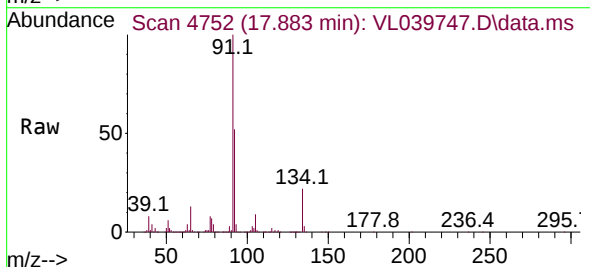
Tgt Ion: 91 Resp: 3520258

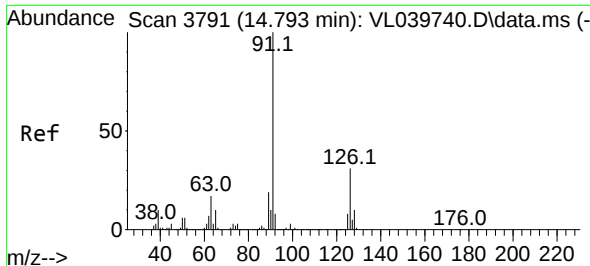
Ion Ratio Lower Upper

91 100

92 53.4 43.3 64.9

134 22.6 18.4 27.6

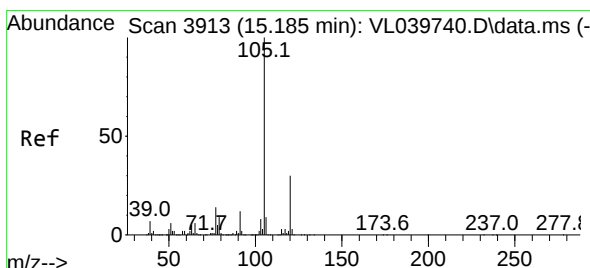
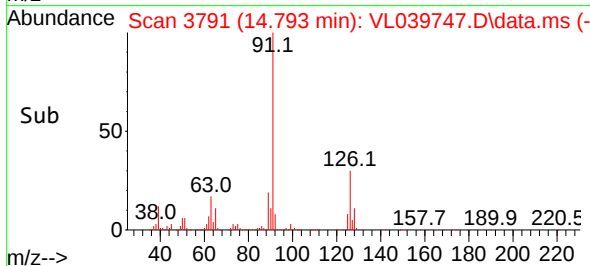
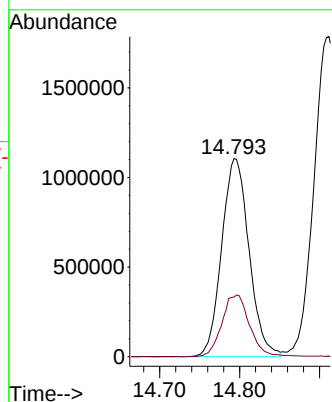
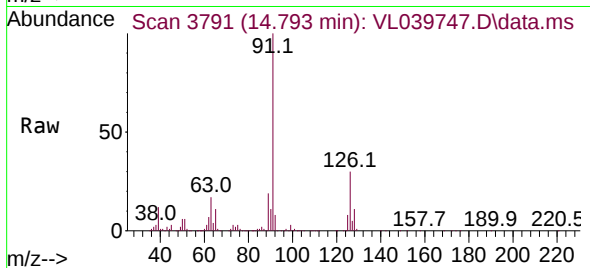




#71
2-Chlorotoluene
Concen: 7.744 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

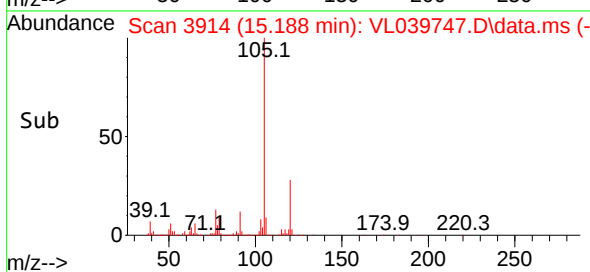
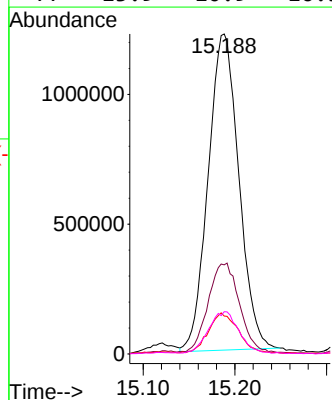
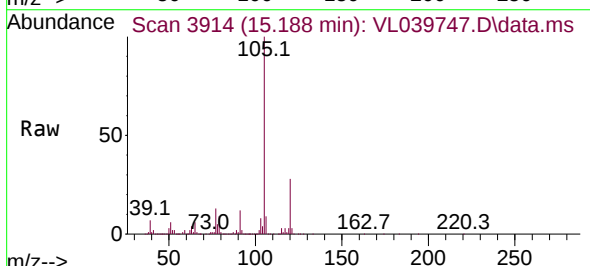
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

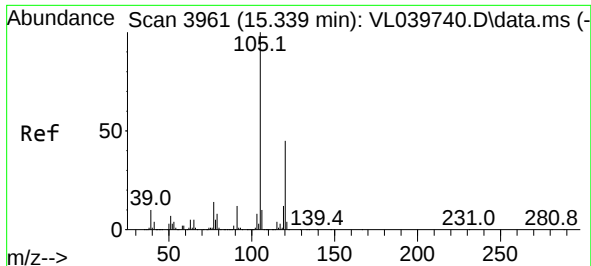
Tgt Ion: 91 Resp: 2626992
Ion Ratio Lower Upper
91 100
126 31.8 12.7 50.7



#72
4-Ethyltoluene
Concen: 7.935 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion: 105 Resp: 2834369
Ion Ratio Lower Upper
105 100
120 30.9 23.9 35.9
91 13.5 10.3 15.5
77 13.9 10.9 16.3

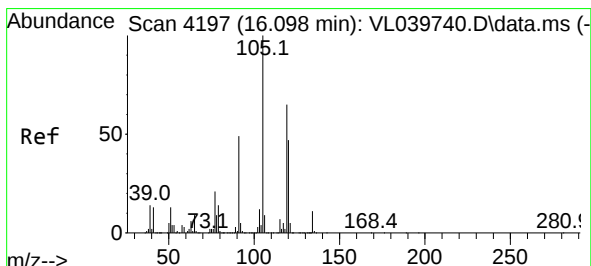
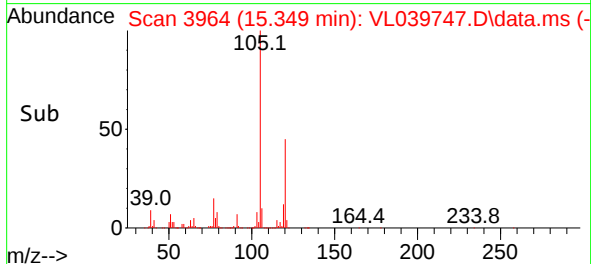
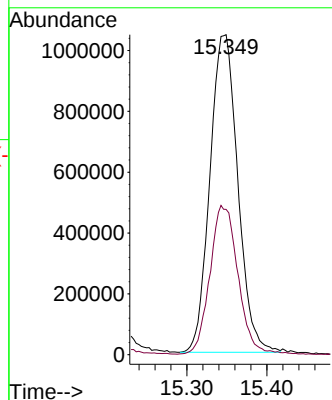
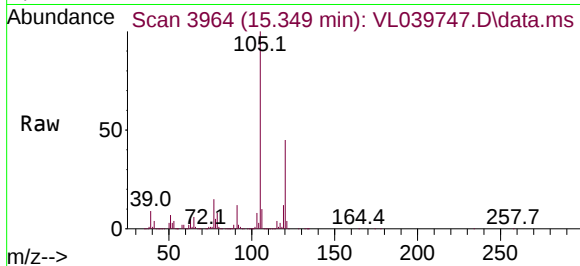




#73
 1,3,5-Trimethylbenzene
 Concen: 7.617 ppbv
 RT: 15.349 min Scan# 3961
 Delta R.T. 0.010 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

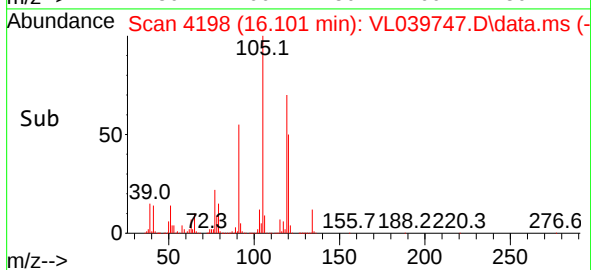
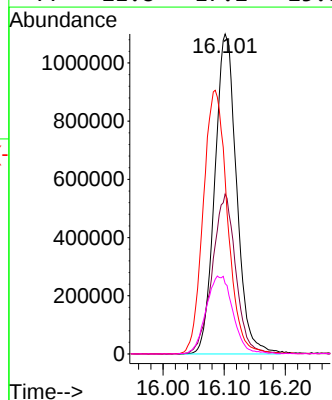
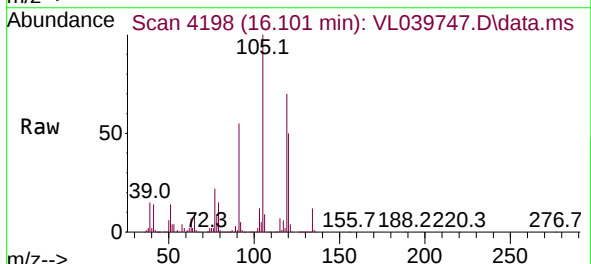
Instrument :
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 ClientSampleId :
 ICVVL102122

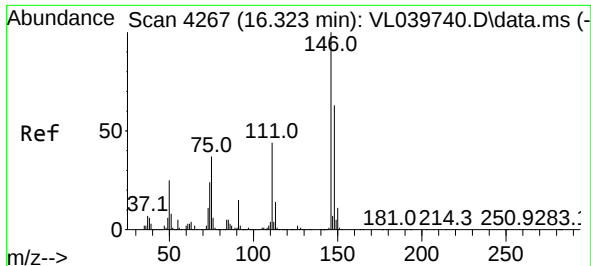
Tgt Ion:105 Resp: 2532763
 Ion Ratio Lower Upper
 105 100
 120 45.5 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.478 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. 0.003 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Tgt Ion:105 Resp: 2731329
 Ion Ratio Lower Upper
 105 100
 120 50.0 37.6 56.4
 91 54.6 40.1 60.1
 77 21.8 17.2 25.8

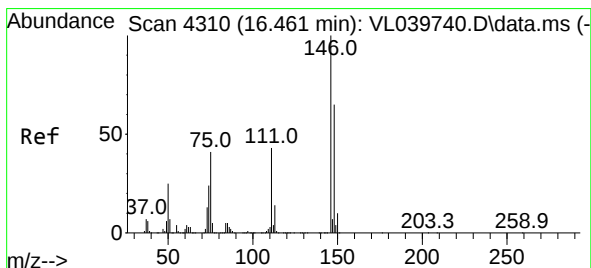
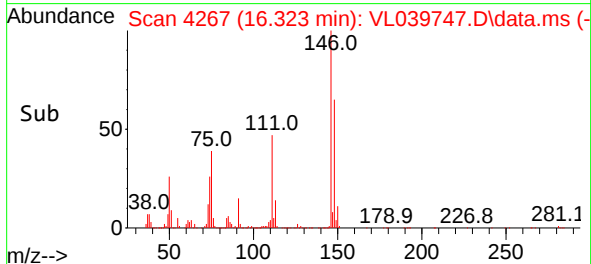
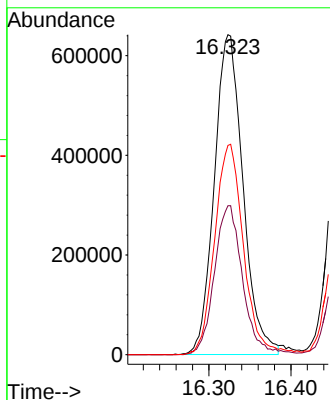
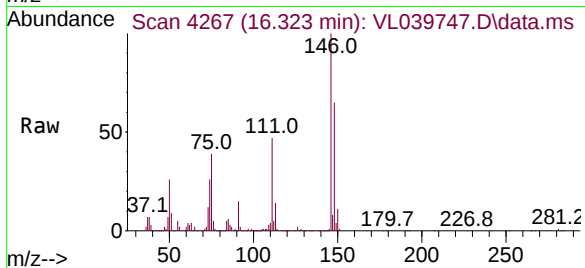




#75
1,3-Dichlorobenzene
Concen: 7.127 ppbv
RT: 16.323 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

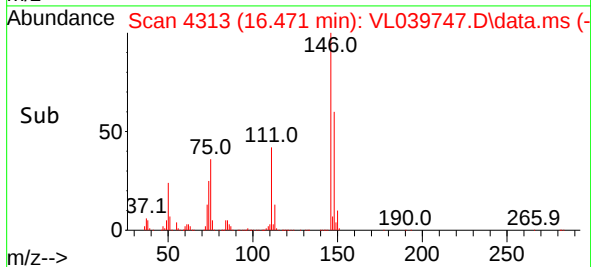
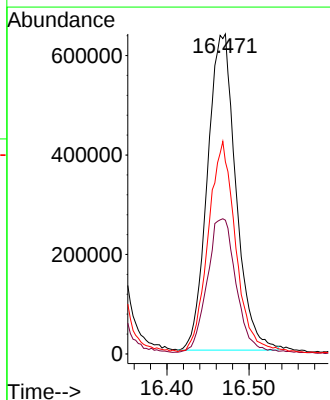
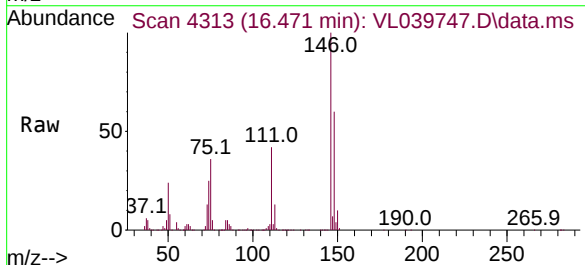
Instrument :
MSVOA_L
ClientSampleId :
ICVVL102122

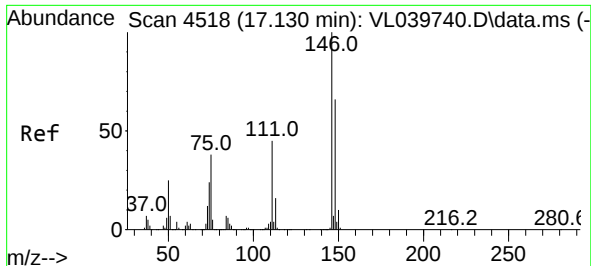
Tgt Ion:146 Resp: 1559047
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 66.3 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 7.182 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.010 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:146 Resp: 1534820
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.5
148 67.0 33.2 99.6

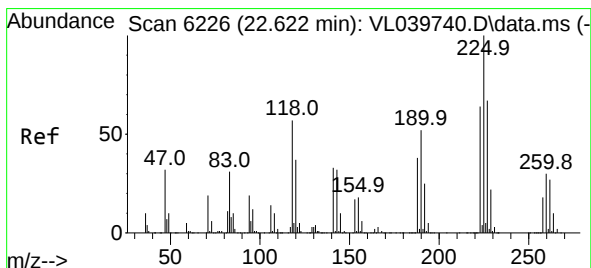
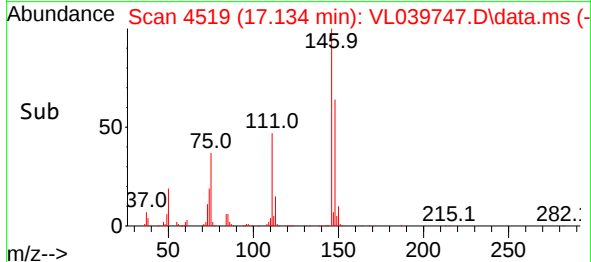
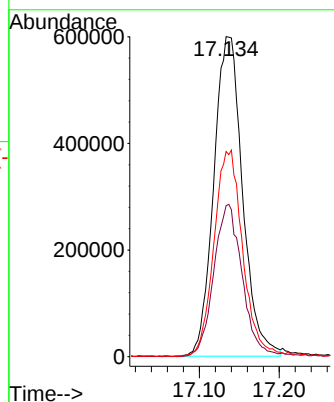
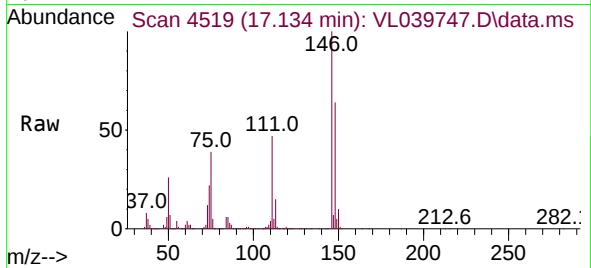




#77
1,2-Dichlorobenzene
Concen: 7.052 ppbv
RT: 17.134 min Scan# 4518
Delta R.T. 0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

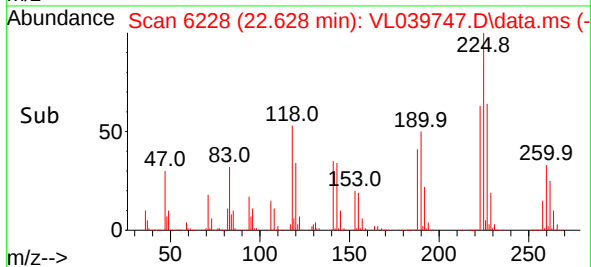
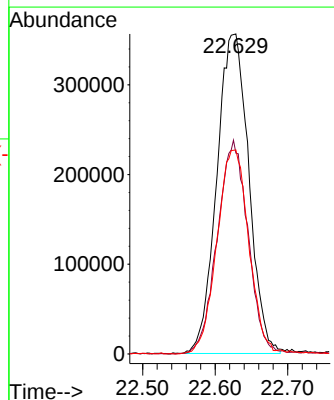
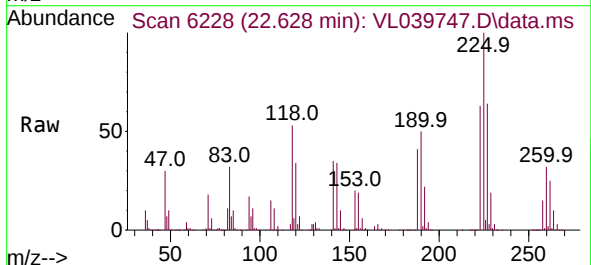
Instrument :
MSVOA_L
ClientSampleId :
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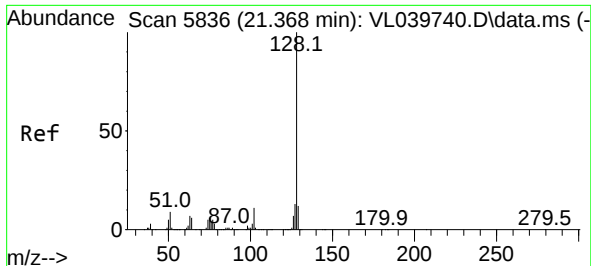
Tgt Ion:146 Resp: 1499242
Ion Ratio Lower Upper
146 100
111 47.8 23.6 70.8
148 64.9 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.107 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:225 Resp: 1091836
Ion Ratio Lower Upper
225 100
223 64.4 52.4 78.6
227 64.1 52.7 79.1

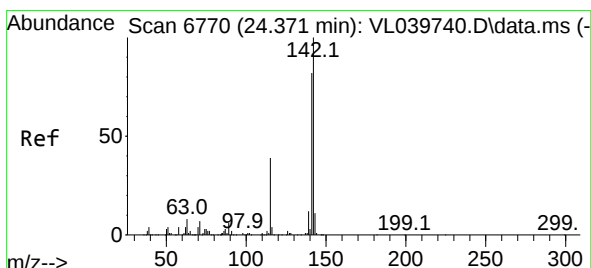
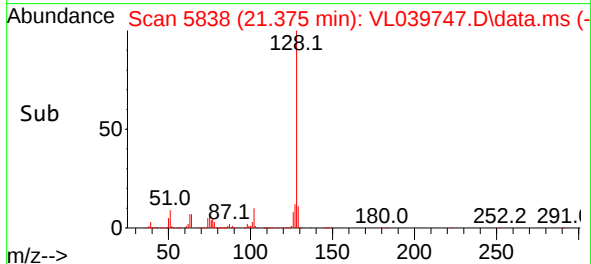
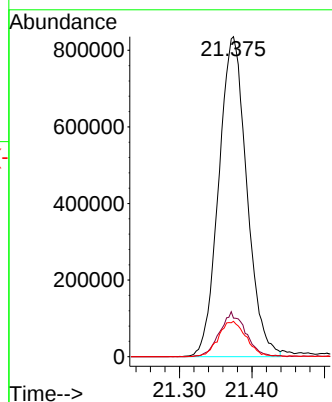
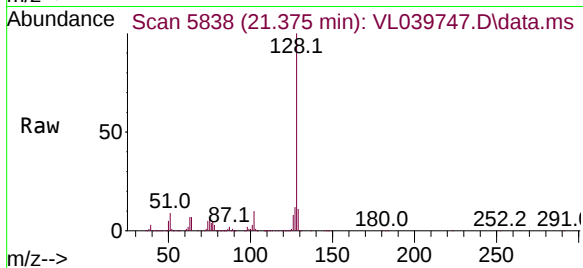




#79
Naphthalene
Concen: 10.485 ppbv
RT: 21.375 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

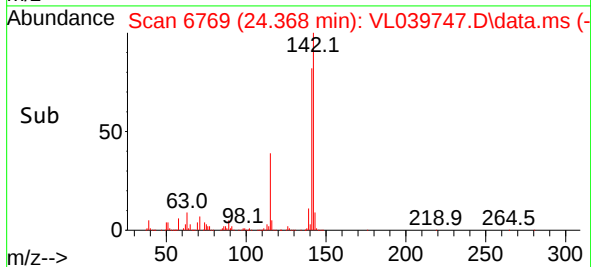
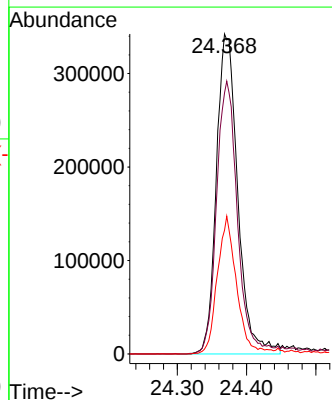
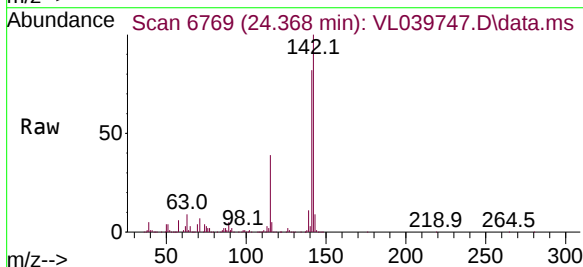
Instrument :
MSVOA_1
ClientSampleId :
ICVVL102122

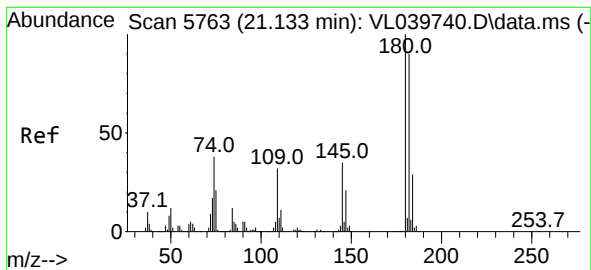
Tgt Ion:128 Resp: 2242032
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 11.0 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 11.509 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039747.D
Acq: 21 Oct 2022 16:01

Tgt Ion:142 Resp: 734993
Ion Ratio Lower Upper
142 100
141 85.5 70.0 105.0
115 41.0 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 8.702 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039747.D
 Acq: 21 Oct 2022 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

Tgt Ion:180 Resp: 1246803
 Ion Ratio Lower Upper
 180 100
 182 97.3 0.0 0.0#
 184 31.2 0.0 0.0#

