

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039749.D
 Acq On : 21 Oct 2022 18:38
 Operator : SY/AP
 Sample : VL1021ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS01

Quant Time: Oct 22 02:38:28 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	5.195	49	898887	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2705788	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3134250	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1836461	8.254	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	887125	5.894	ppbv	100
3) Chlorodifluoromethane	2.684	51	1148417	10.028	ppbv	99
4) Chloromethane	2.825	50	707872	9.878	ppbv	94
5) Vinyl Chloride	2.935	62	589716	10.483	ppbv	93
6) Bromomethane	3.131	94	203106	9.749	ppbv	97
7) Chloroethane	3.208	64	209686	10.057	ppbv	93
8) Dichlorotetrafluoroethane	2.870	85	1310905	9.387	ppbv	97
9) Propene	2.700	41	453637	8.675	ppbv	97
10) Heptane	7.578	43	1340095	11.043	ppbv	99
11) Trichlorofluoromethane	3.574	101	1354102	9.664	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	1059012	9.396	ppbv	100
13) Ethanol	3.253	45	26644	7.478	ppbv	82
14) Bromoethene	3.378	108	415200	9.670	ppbv	99
15) Acetone	3.481	43	1021523	9.412	ppbv	99
16) 1,3-Butadiene	2.996	39	551277	10.120	ppbv	99
17) tert-Butyl alcohol	3.886	59	980478	10.633	ppbv	99
18) 1,1-Dichloroethene	3.890	96	455570	9.419	ppbv	97
19) Isopropyl Alcohol	3.587	45	548139	10.341	ppbv	# 97
20) Methylene Chloride	3.941	84	405335	9.289	ppbv	98
21) Allyl Chloride	4.009	41	734671	9.807	ppbv	97
22) trans-1,2-Dichloroethene	4.455	96	490248	9.984	ppbv	96
23) Vinyl Acetate	4.632	43	377142	8.235	ppbv	# 97
24) 1,1-Dichloroethane	4.571	63	990155	9.483	ppbv	98
25) Ethyl Acetate	5.211	43	2028837	9.330	ppbv	98
26) Hexane	5.214	57	817987	9.237	ppbv	99
27) Carbon Disulfide	4.131	76	1220696	11.008	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	826967	9.847	ppbv	100
29) Chloroform	5.279	83	1162371	8.188	ppbv	100
30) Cyclohexane	6.600	84	805165	10.815	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	772429	9.727	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	1412107	11.468	ppbv	99
34) 2-Butanone	4.793	43	1196642	9.588	ppbv	98
35) Carbon Tetrachloride	6.491	117	1527041	10.890	ppbv	95
36) Benzene	6.372	78	2036168	9.971	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1105301	10.048	ppbv	100
38) Trichloroethene	7.288	130	1212425	11.069	ppbv	97
39) 1,2-Dichloropropane	7.073	63	774831	9.891	ppbv	100
40) 1,4-Dioxane	7.291	88	271760	9.057	ppbv	# 94
41) Tetrahydrofuran	5.562	42	819464	10.241	ppbv	100
42) Bromodichloromethane	7.246	83	1605018	10.625	ppbv	98
43) Methyl Methacrylate	7.475	69	796515	10.843	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	3473056	10.037	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	737070	12.122	ppbv	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1023255	11.880	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	844753	9.930	ppbv	97
48) Dibromochloromethane	9.703	129	1423536	11.092	ppbv	100
49) Bromoform	12.400	173	1198790	11.603	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2158299	10.606	ppbv	99
51) 2-Hexanone	9.549	43	1690417	11.590	ppbv	99
52) Tetrachloroethene	10.606	164	768811	10.430	ppbv	98
53) Toluene	9.214	91	2426179	11.003	ppbv	100
54) 1,2-Dibromoethane	10.002	107	964484	11.274	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	1022345	8.037	ppbv	99
57) Chlorobenzene	11.520	112	1812527	7.882	ppbv	98
58) Ethyl Benzene	12.079	91	3171252	8.760	ppbv	100
59) m/p-Xylene	12.365	91	3500172	10.940	ppbv #	62
60) o-Xylene	13.050	91	2574792	8.412	ppbv	99
61) Styrene	12.892	104	1540905	9.622	ppbv	99
62) Isopropylbenzene	14.021	105	3756931	8.241	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	905914	7.745	ppbv	99
64) n-propylbenzene	14.908	120	963798	8.415	ppbv	99
65) tert-Butylbenzene	16.082	119	3281662	8.217	ppbv	99
66) Benzyl Chloride	16.320	91	232277	8.324	ppbv	98
67) sec-Butylbenzene	16.629	105	4563255	8.259	ppbv	99
69) p-Isopropyltoluene	16.989	119	3732674	8.382	ppbv	100
70) n-Butylbenzene	17.879	91	3678858	8.585	ppbv	99
71) 2-Chlorotoluene	14.793	91	2751362	8.481	ppbv	99
72) 4-Ethyltoluene	15.185	105	3034146	8.882	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2647506	8.325	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	2870063	8.216	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	1659781	7.934	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1637746	8.013	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1575077	7.746	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1020768	6.948	ppbv	98
79) Naphthalene	21.368	128	1960226	9.585	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	738308	12.089	ppbv	97
81) 1,2,4-Trichlorobenzene	21.127	180	1124792	8.209	ppbv #	100

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

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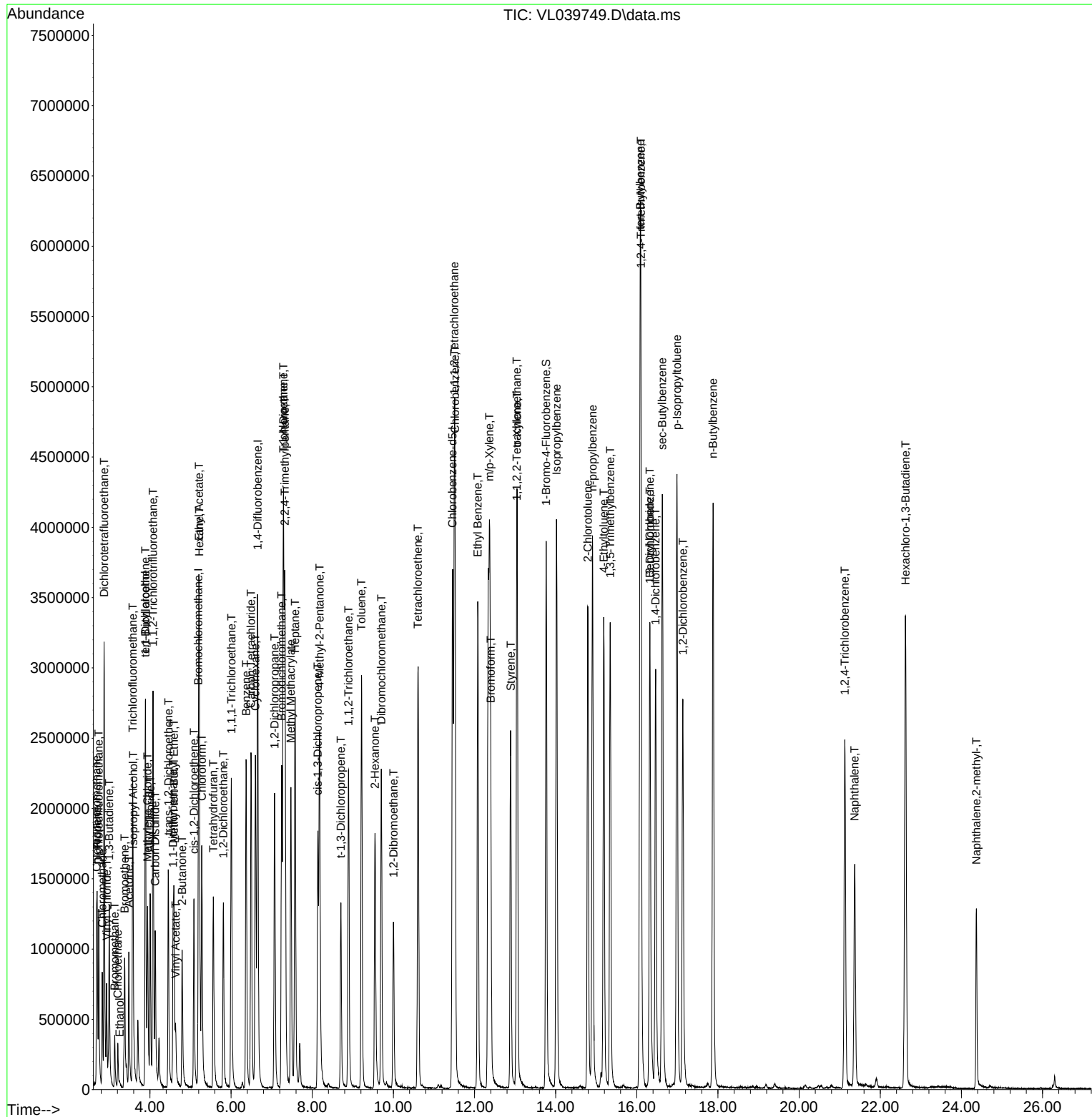
Quant Time: Oct 22 02:38:28 2022

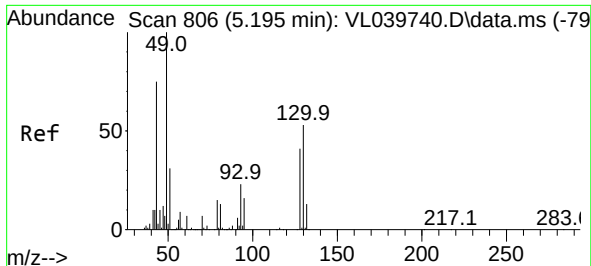
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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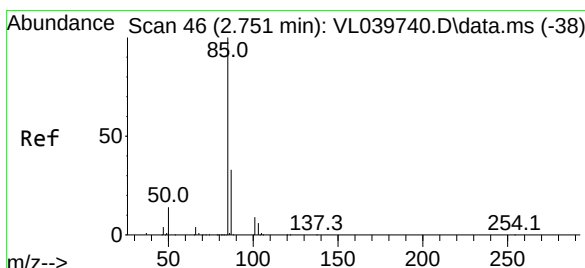
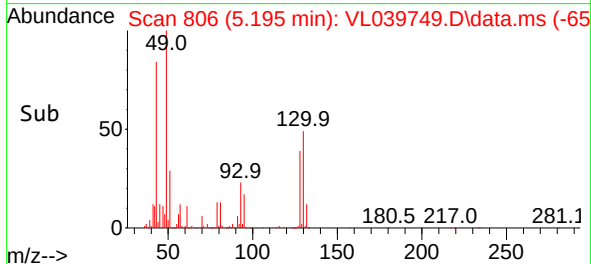
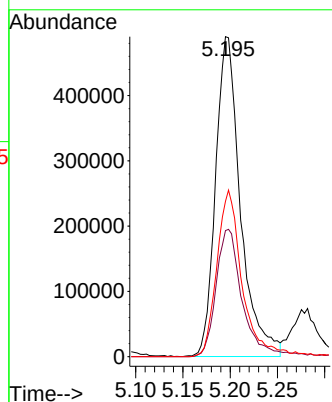
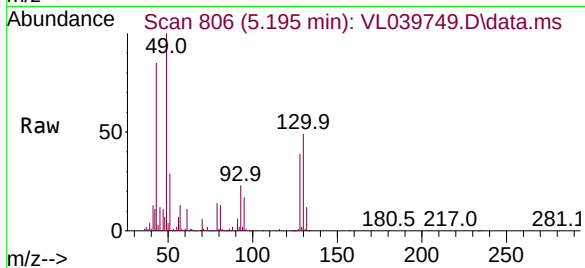




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039749.D
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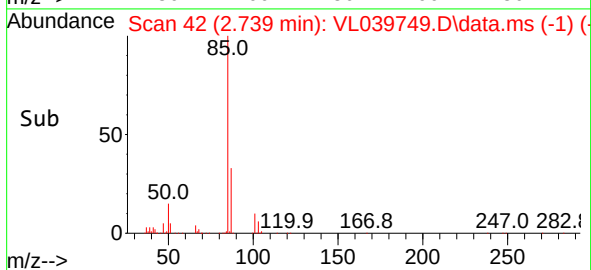
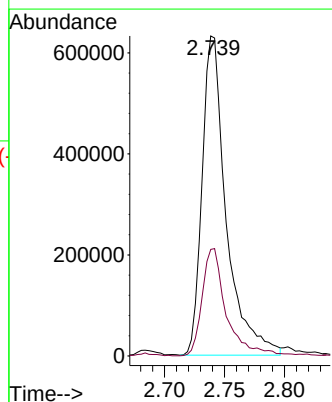
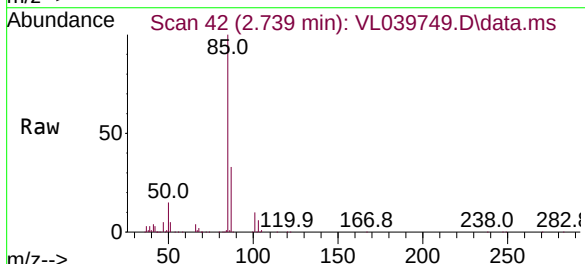
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS01

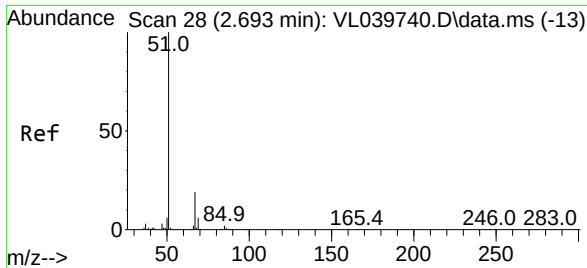
Tgt Ion: 49 Resp: 898887
Ion Ratio Lower Upper
49 100
128 43.0 22.6 67.8
130 54.1 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 5.894 ppbv
RT: 2.739 min Scan# 42
Delta R.T. -0.013 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 85 Resp: 887125
Ion Ratio Lower Upper
85 100
87 33.3 26.6 40.0

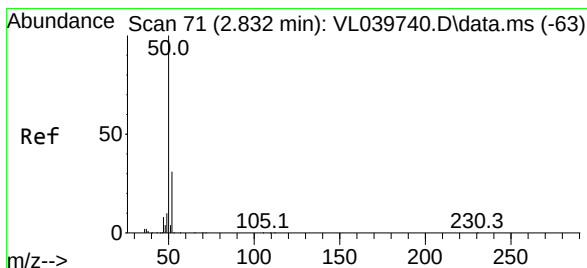
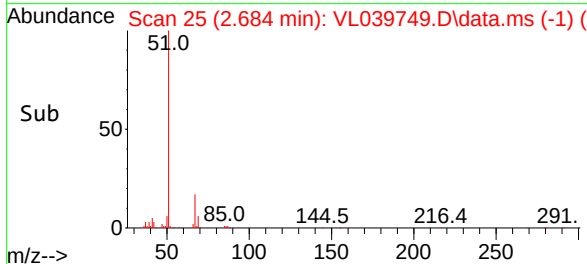
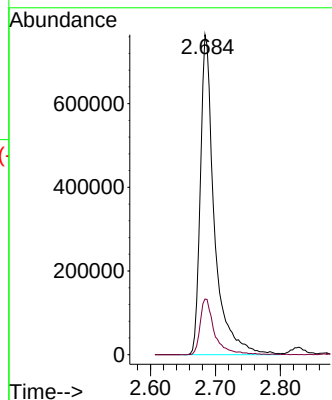
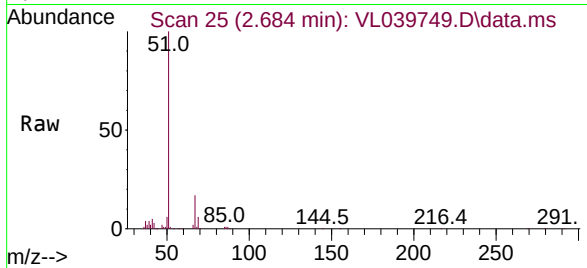




#3
Chlorodifluoromethane
Concen: 10.028 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

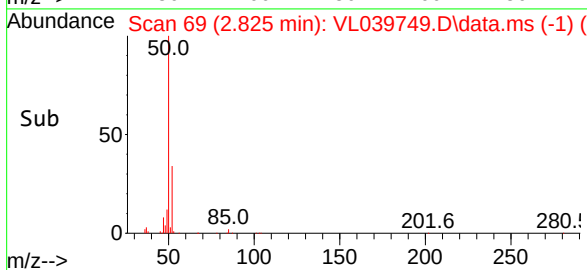
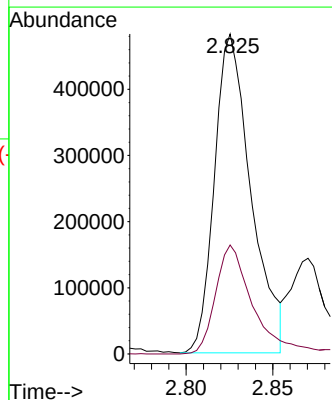
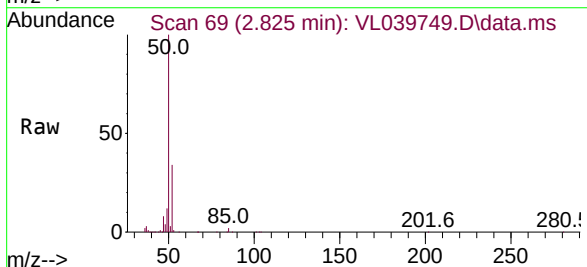
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

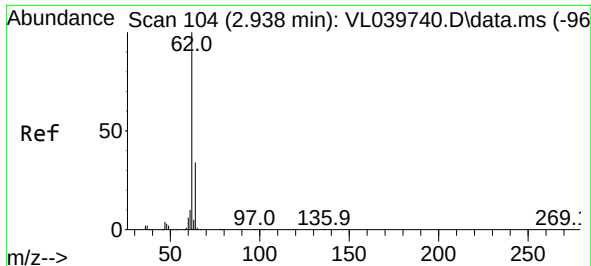
Tgt Ion: 51 Resp: 1148417
Ion Ratio Lower Upper
51 100
67 17.9 14.6 21.8



#4
Chloromethane
Concen: 9.878 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.006 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 50 Resp: 707872
Ion Ratio Lower Upper
50 100
52 34.2 24.8 37.2

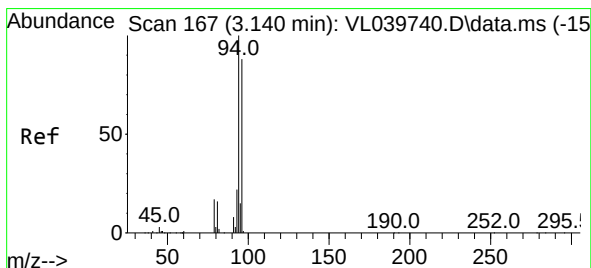
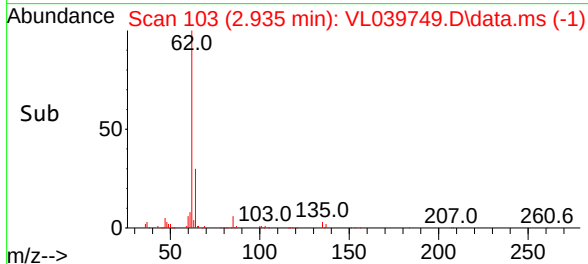
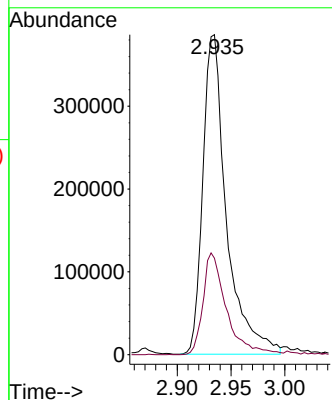
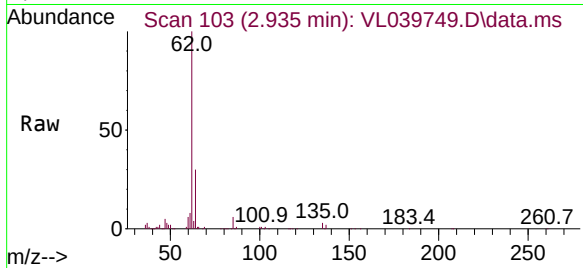




#5
 Vinyl Chloride
 Concen: 10.483 ppbv
 RT: 2.935 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

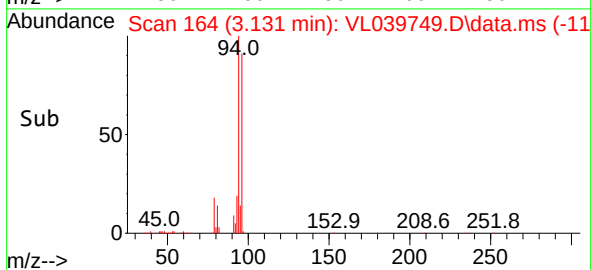
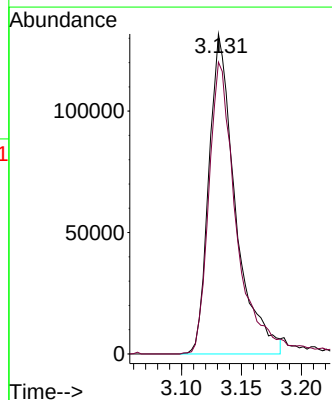
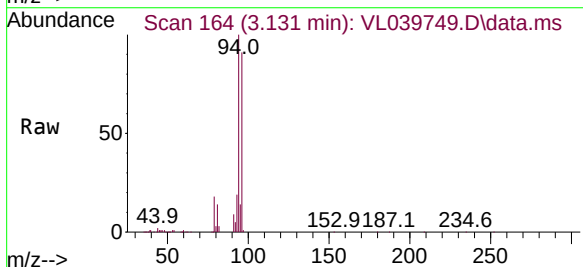
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABS01

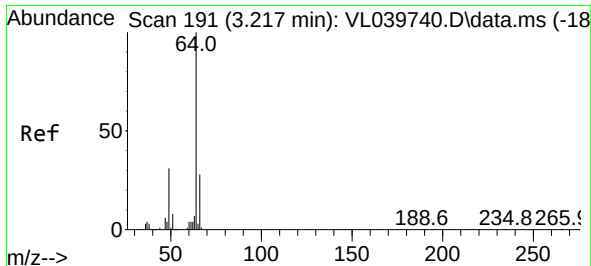
Tgt Ion: 62 Resp: 589716
 Ion Ratio Lower Upper
 62 100
 64 30.2 27.1 40.7



#6
 Bromomethane
 Concen: 9.749 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.010 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 94 Resp: 203106
 Ion Ratio Lower Upper
 94 100
 96 91.2 70.5 105.7

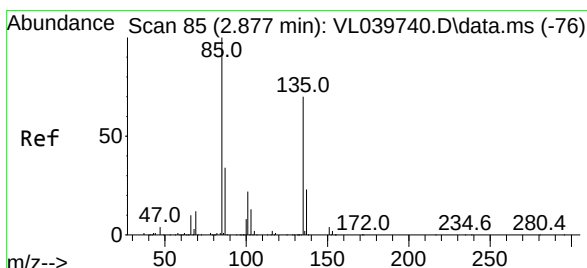
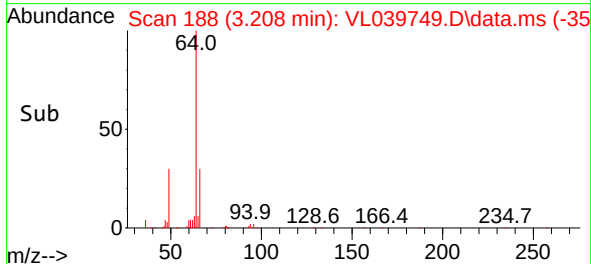
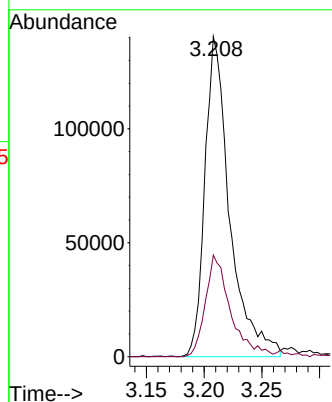
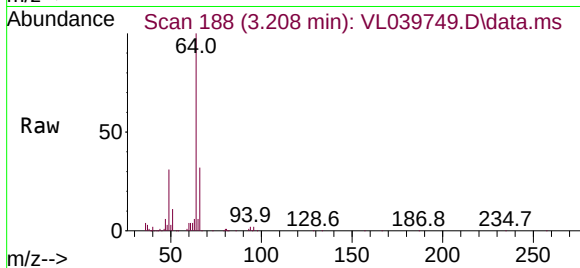




#7
Chloroethane
Concen: 10.057 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

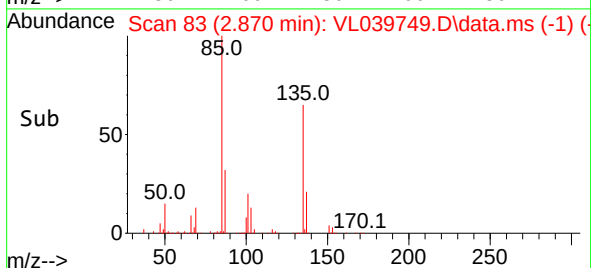
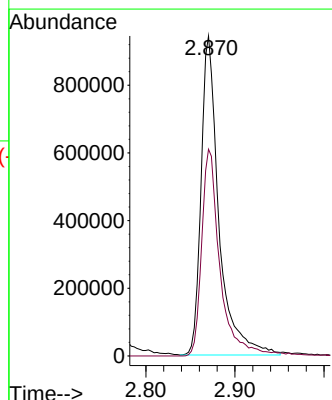
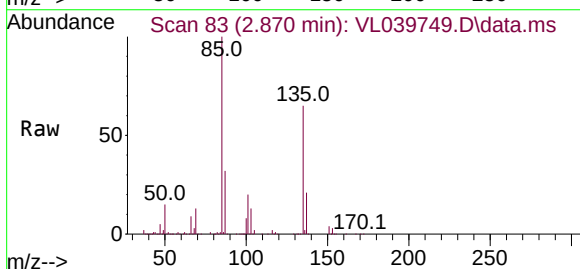
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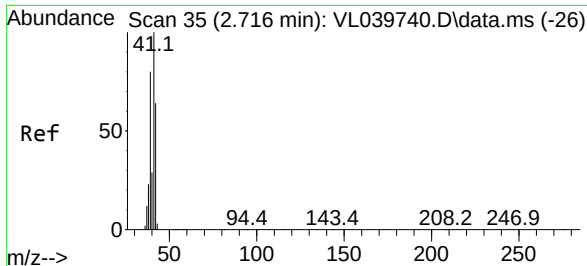
Tgt Ion: 64 Resp: 209686
Ion Ratio Lower Upper
64 100
66 31.8 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 9.387 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039749.D
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Tgt Ion: 85 Resp: 1310905
Ion Ratio Lower Upper
85 100
135 67.7 56.1 84.1

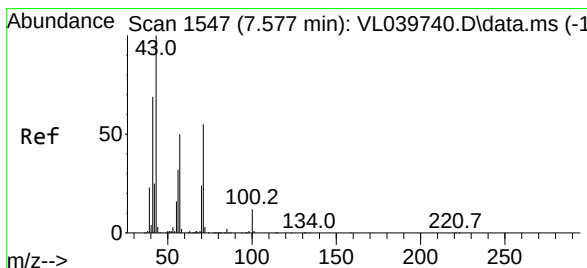
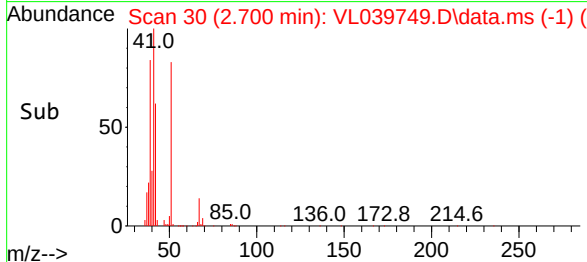
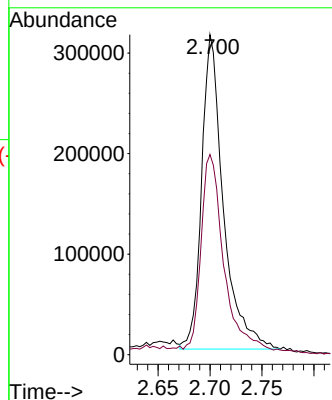
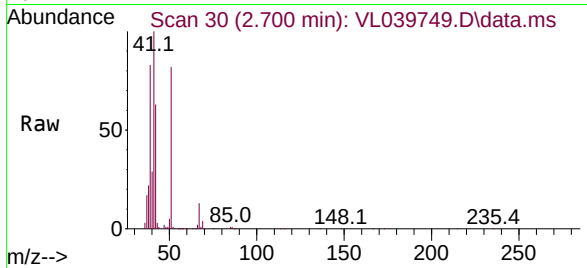




#9
 Propene
 Concen: 8.675 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

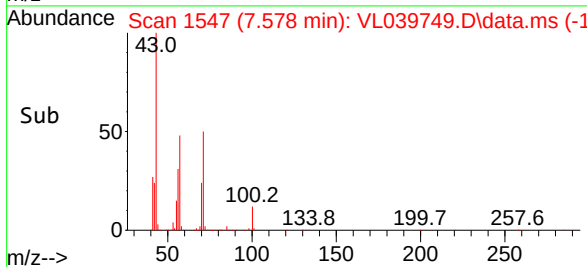
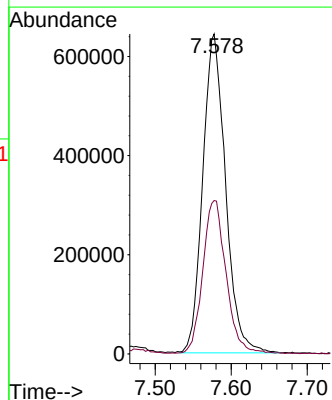
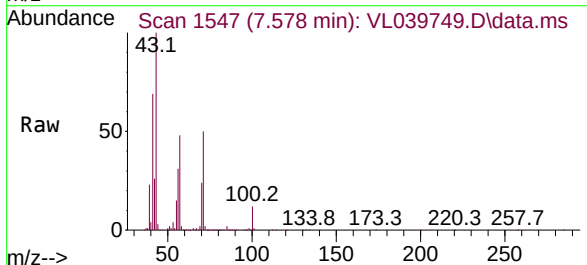
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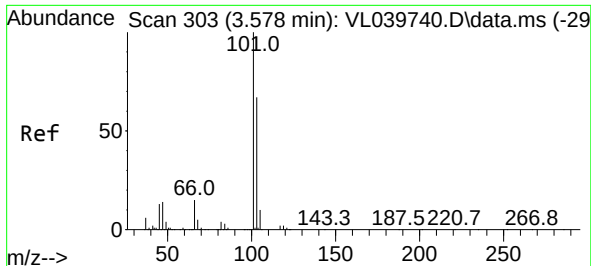
Tgt Ion: 41 Resp: 453637
 Ion Ratio Lower Upper
 41 100
 42 70.8 54.4 81.6



#10
 Heptane
 Concen: 11.043 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 1340095
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0

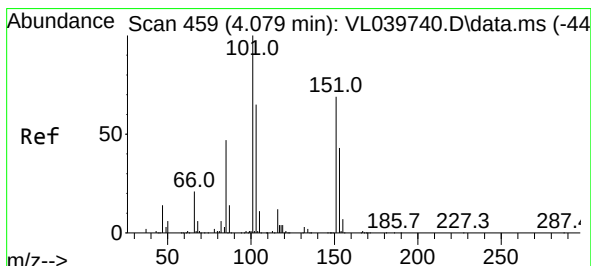
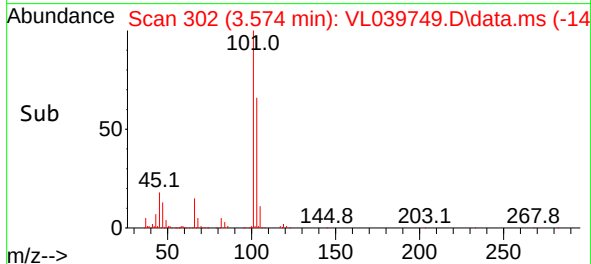
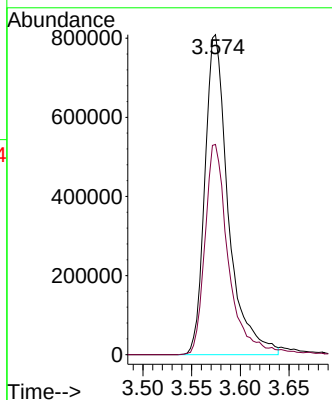
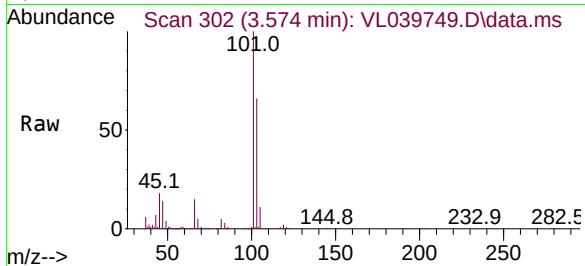




#11
 Trichlorofluoromethane
 Concen: 9.664 ppbv
 RT: 3.574 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

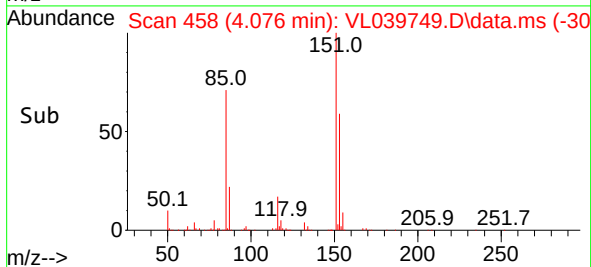
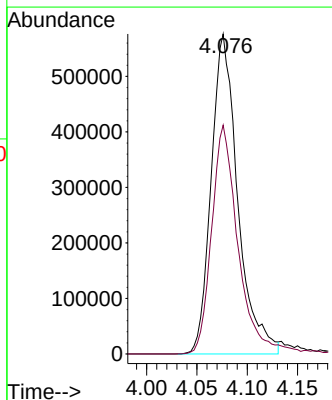
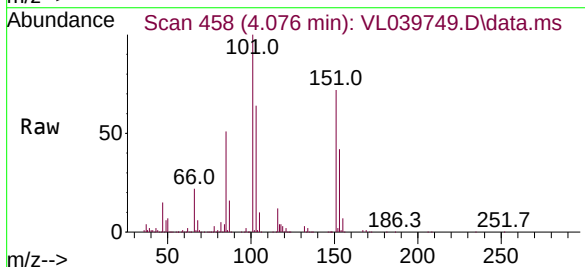
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABS01

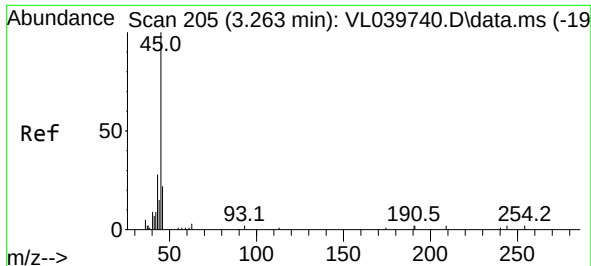
Tgt Ion:101 Resp: 1354102
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.396 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion:101 Resp: 1059012
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.0 87.0

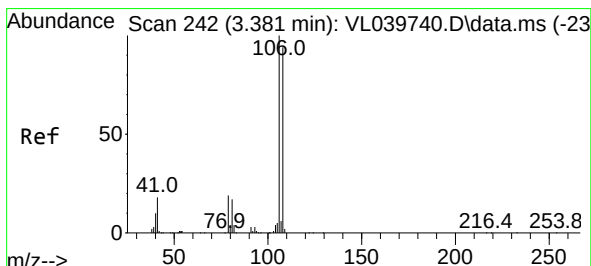
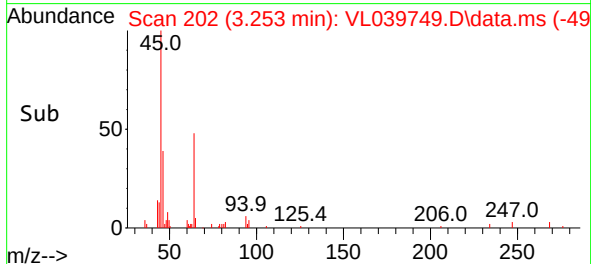
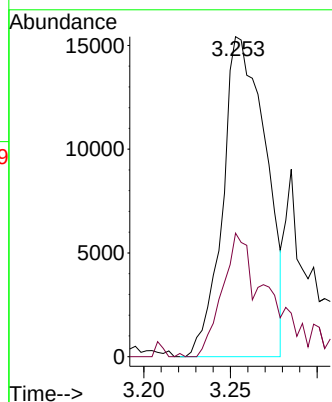
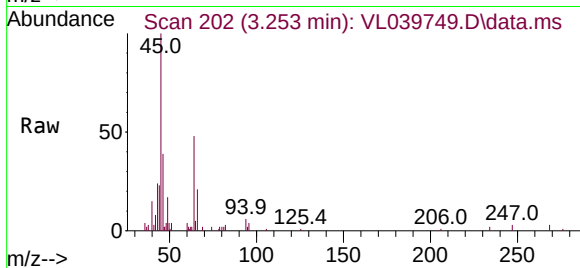




#13
Ethanol
Concen: 7.478 ppbv
RT: 3.253 min Scan# 205
Delta R.T. -0.010 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

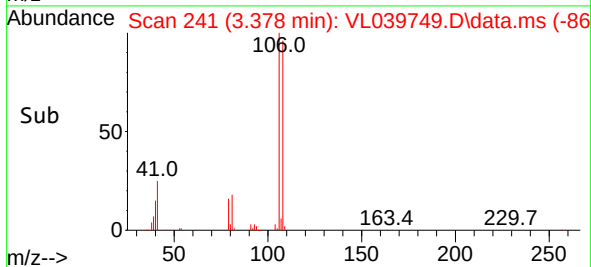
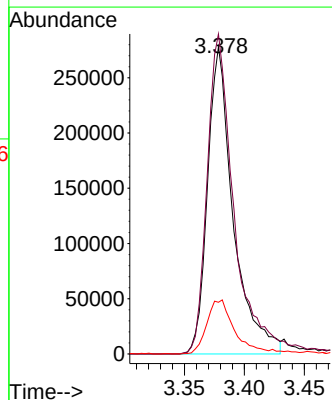
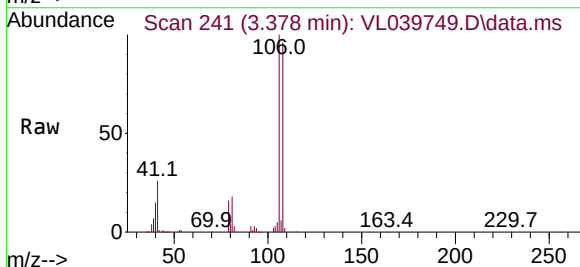
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

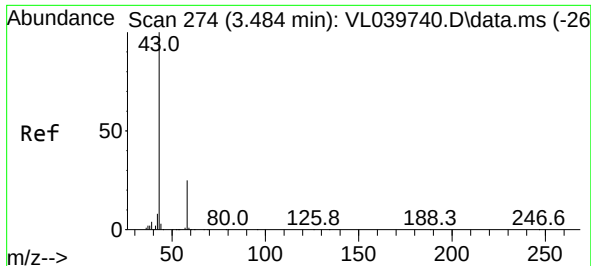
Tgt Ion: 45 Resp: 26644
Ion Ratio Lower Upper
45 100
46 47.8 14.8 59.2



#14
Bromoethene
Concen: 9.670 ppbv
RT: 3.378 min Scan# 241
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 108 Resp: 415200
Ion Ratio Lower Upper
108 100
106 111.6 90.2 135.4
79 20.3 16.2 24.2

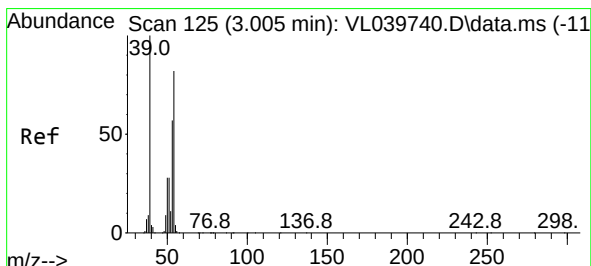
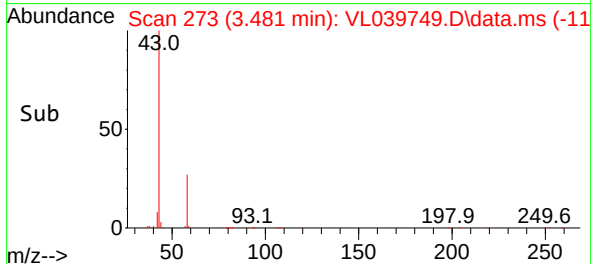
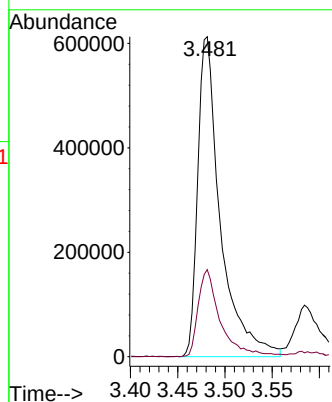
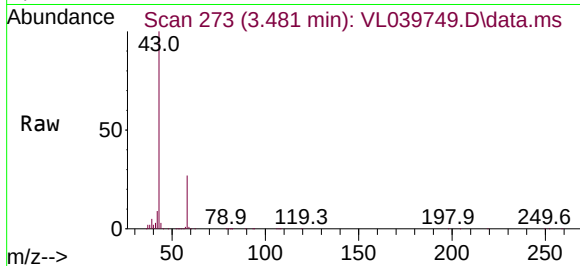




#15
Acetone
Concen: 9.412 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

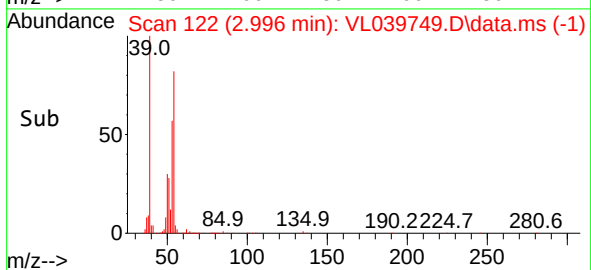
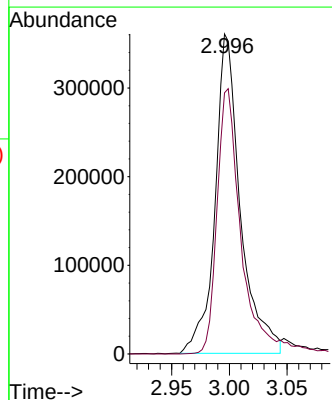
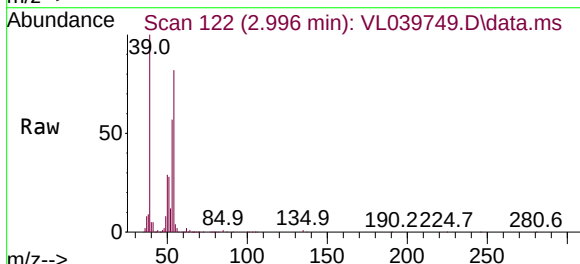
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

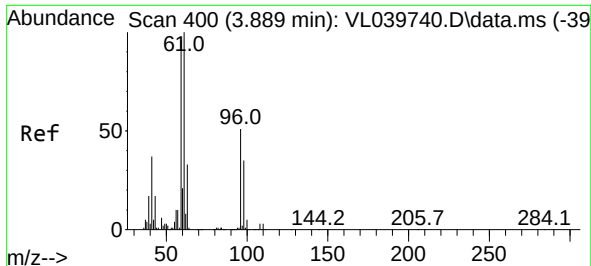
Tgt Ion: 43 Resp: 1021523
Ion Ratio Lower Upper
43 100
58 26.7 20.9 31.3



#16
1,3-Butadiene
Concen: 10.120 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.010 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 39 Resp: 551277
Ion Ratio Lower Upper
39 100
54 80.9 65.2 97.8





#17

tert-Butyl alcohol

Concen: 10.633 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

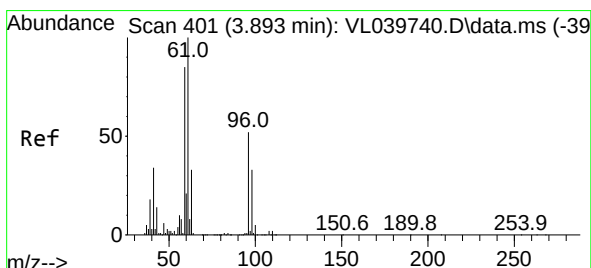
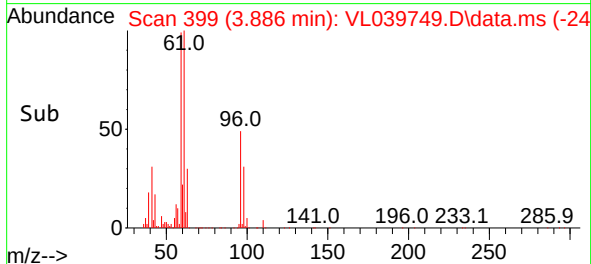
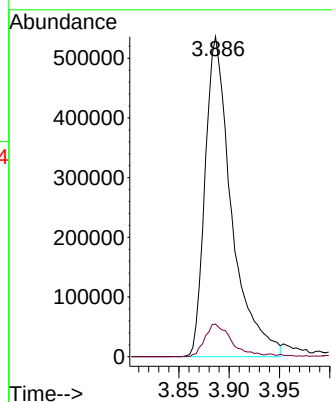
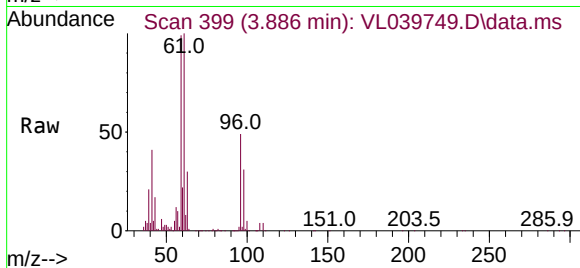
VL1021ABS01

Tgt Ion: 59 Resp: 980478

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#18

1,1-Dichloroethene

Concen: 9.419 ppbv

RT: 3.890 min Scan# 400

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

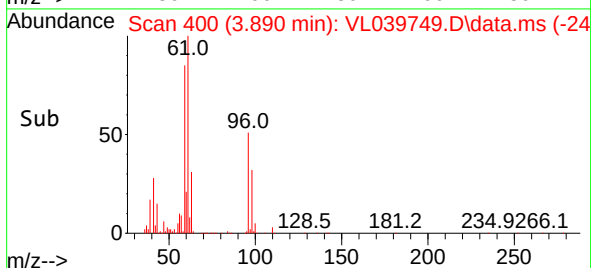
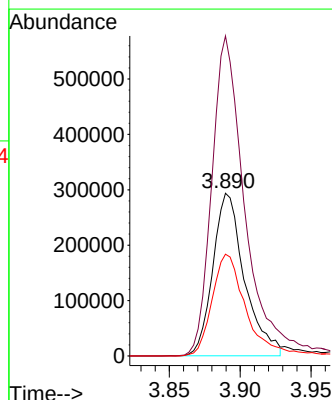
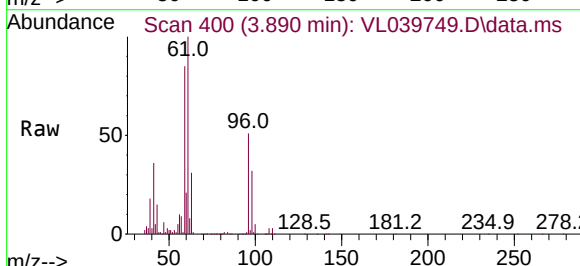
Tgt Ion: 96 Resp: 455570

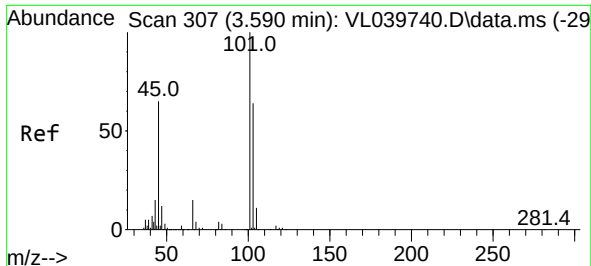
Ion Ratio Lower Upper

96 100

61 196.7 152.7 229.1

98 62.6 50.2 75.2

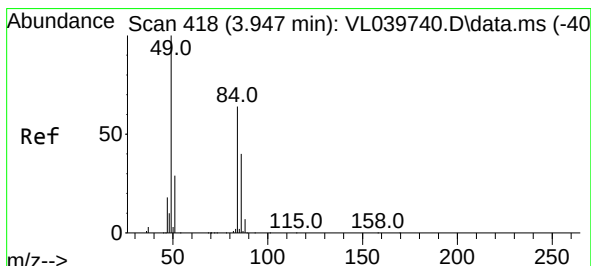
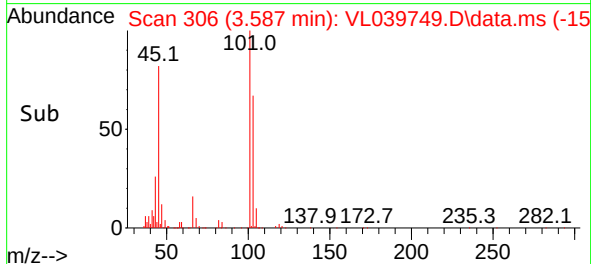
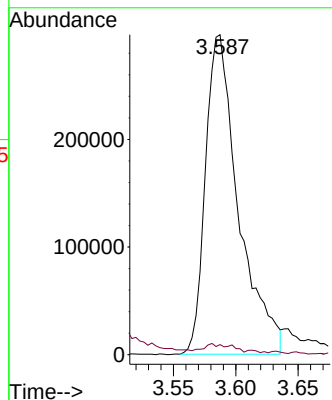
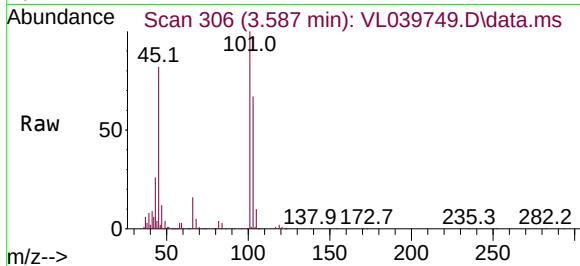




#19
Isopropyl Alcohol
Concen: 10.341 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

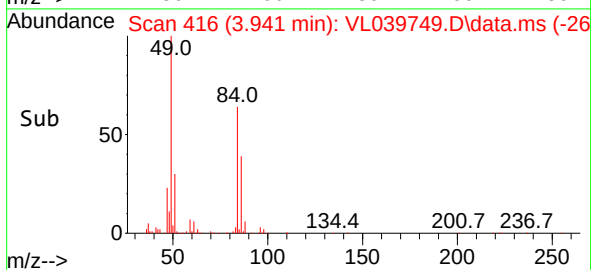
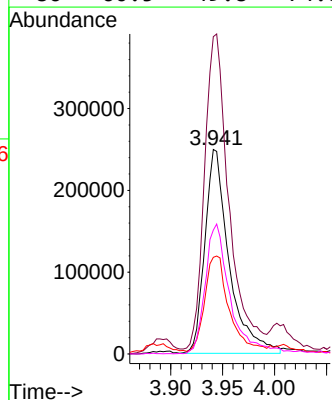
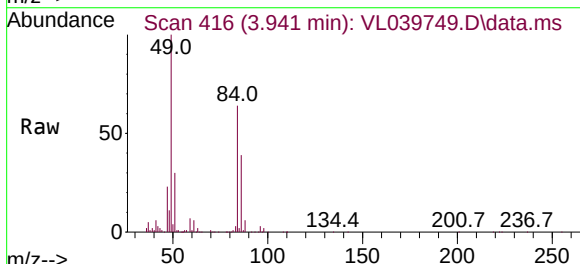
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

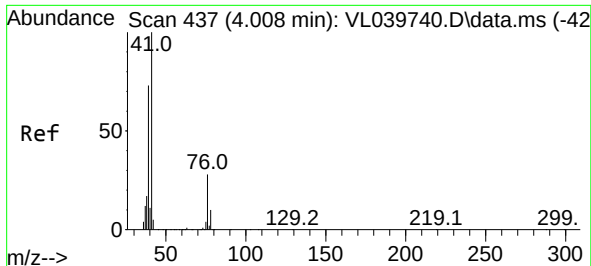
Tgt Ion: 45 Resp: 548139
Ion Ratio Lower Upper
45 100
58 5.2 3.3 4.9#



#20
Methylene Chloride
Concen: 9.289 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.006 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 84 Resp: 405335
Ion Ratio Lower Upper
84 100
49 153.3 124.2 186.4
51 45.9 36.6 54.8
86 60.5 49.8 74.8

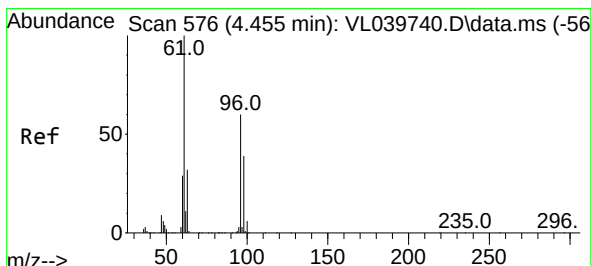
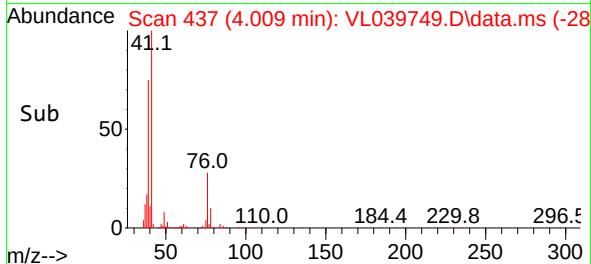
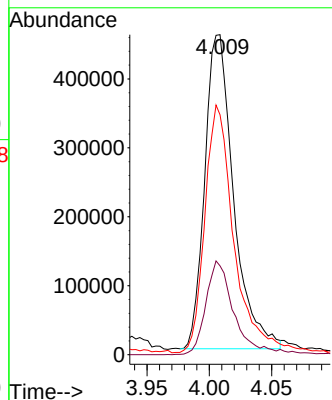
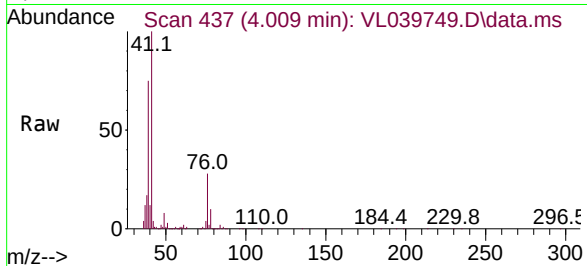




#21
 Allyl Chloride
 Concen: 9.807 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

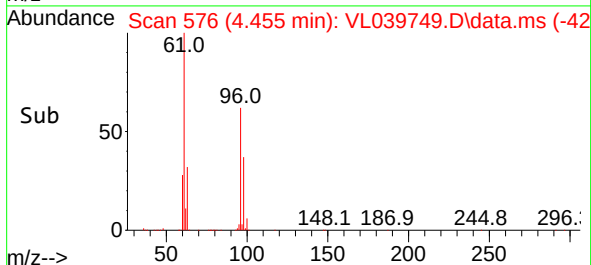
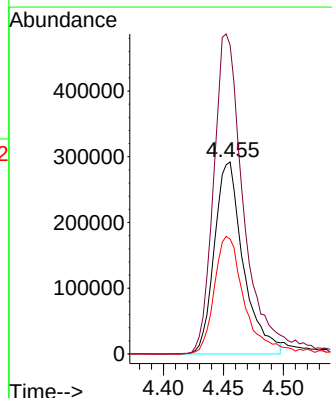
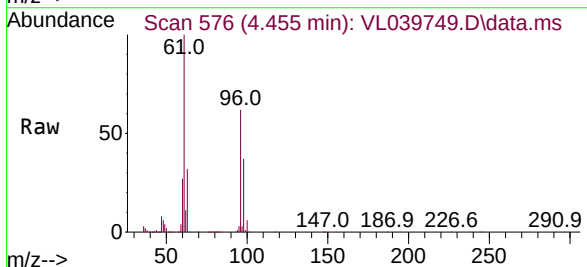
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS01

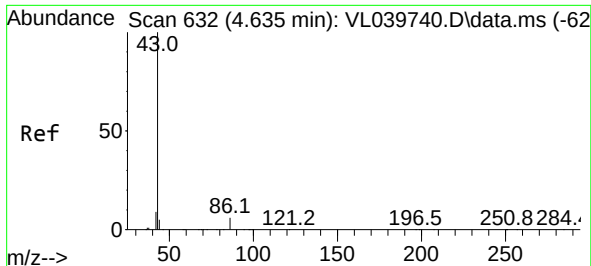
Tgt Ion: 41 Resp: 734671
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.5 35.3
 39 80.8 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.984 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 96 Resp: 490248
 Ion Ratio Lower Upper
 96 100
 61 160.9 132.9 199.3
 98 59.9 51.6 77.4

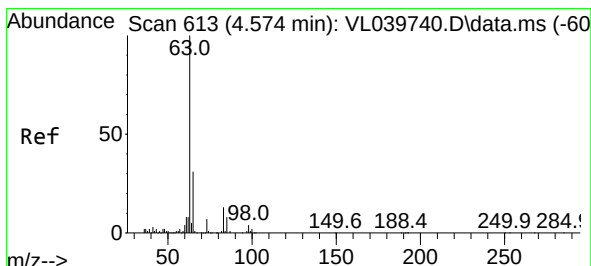
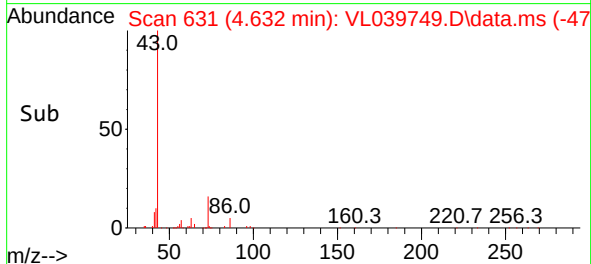
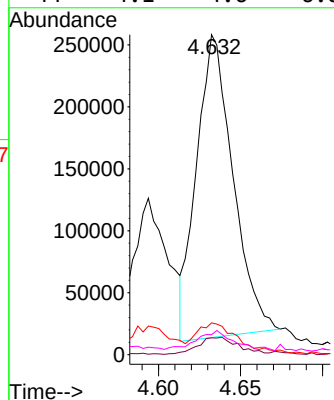
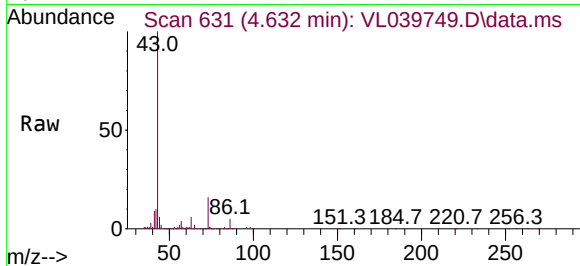




#23
 Vinyl Acetate
 Concen: 8.235 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

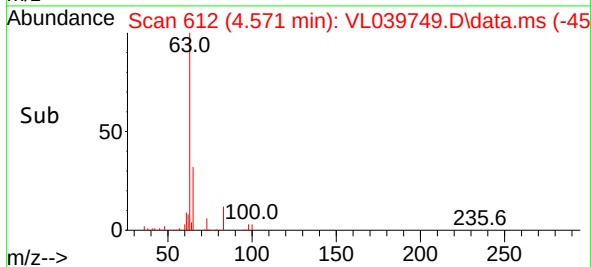
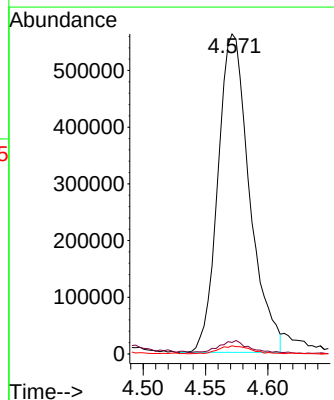
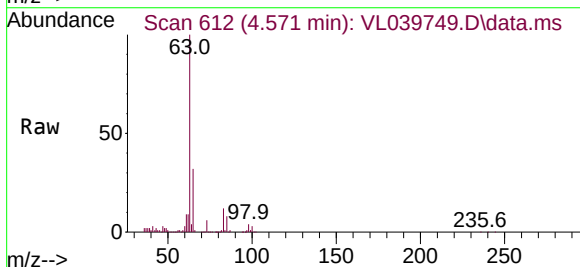
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABS01

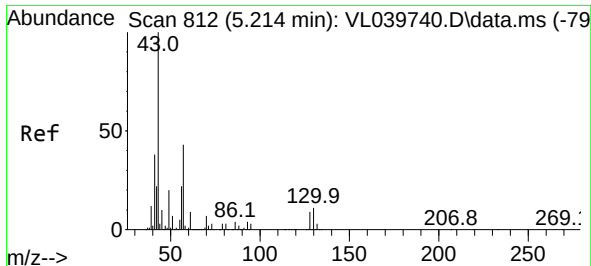
Tgt Ion: 43	Resp: 377142
Ion Ratio	Lower Upper
43 100	
86 4.9	4.3 6.5
42 9.2	7.9 11.9
44 4.1	4.6 6.8#



#24
 1,1-Dichloroethane
 Concen: 9.483 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 63	Resp: 990155
Ion Ratio	Lower Upper
63 100	
98 3.1	2.1 6.5
100 2.5	1.2 3.6





#25

Ethyl Acetate

Concen: 9.330 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS01

Tgt Ion: 43 Resp: 2028837

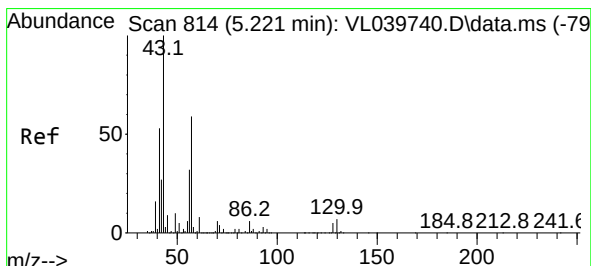
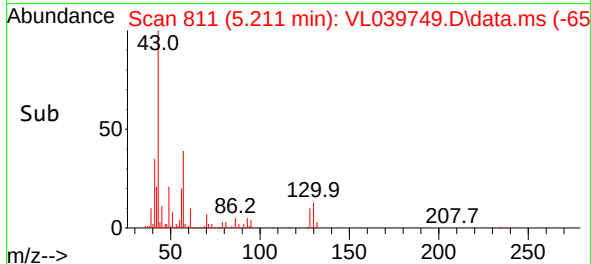
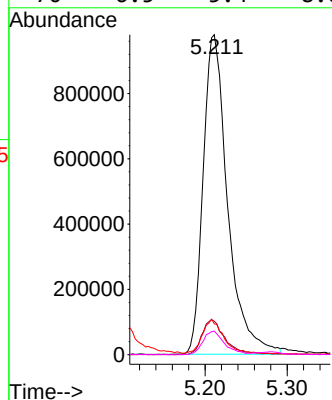
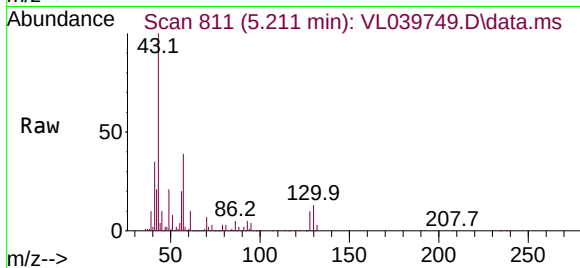
Ion Ratio Lower Upper

43 100

45 10.6 8.1 12.1

61 10.4 7.5 11.3

70 6.5 5.4 8.0



#26

Hexane

Concen: 9.237 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.006 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Tgt Ion: 57 Resp: 817987

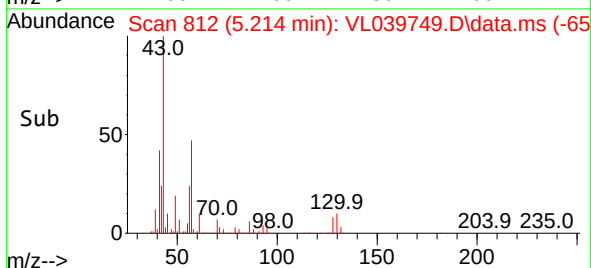
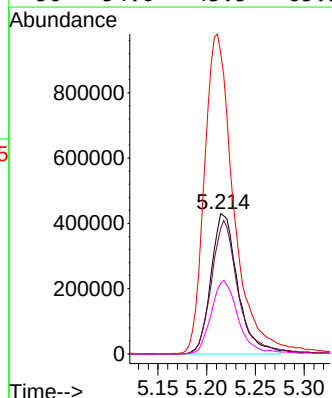
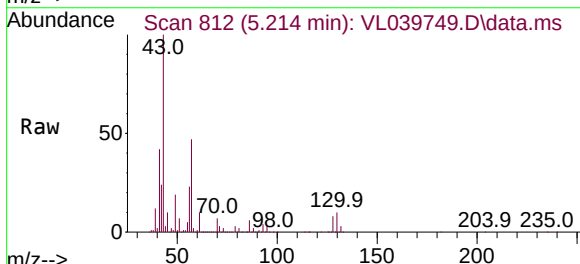
Ion Ratio Lower Upper

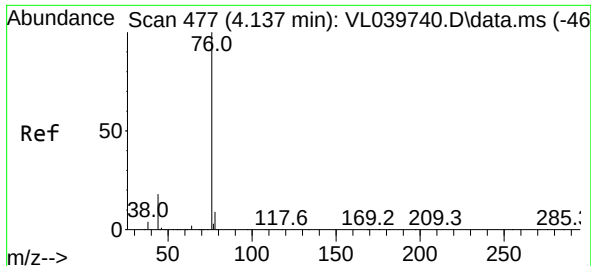
57 100

41 97.1 76.8 115.2

43 254.3 201.0 301.4

56 54.0 43.5 65.3

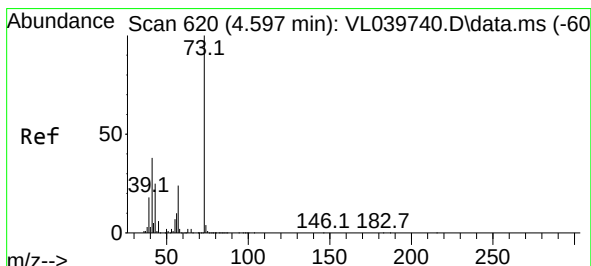
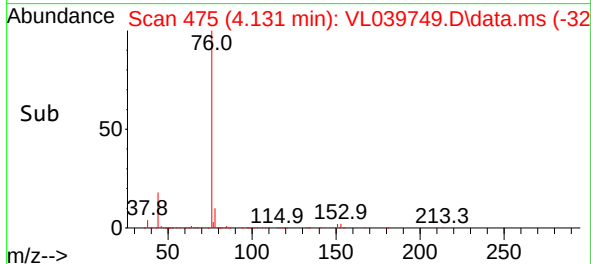
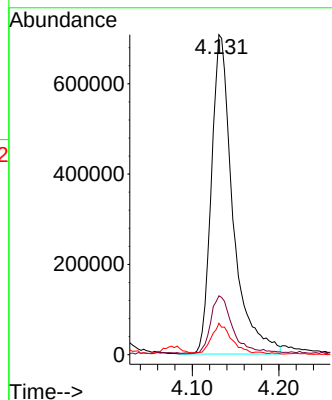
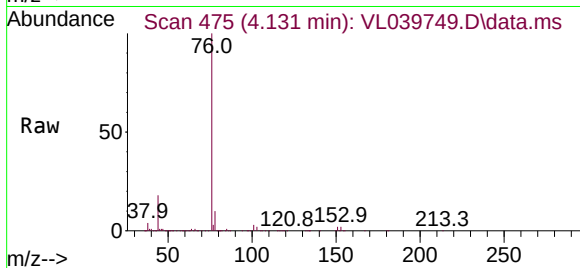




#27
Carbon Disulfide
Concen: 11.008 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

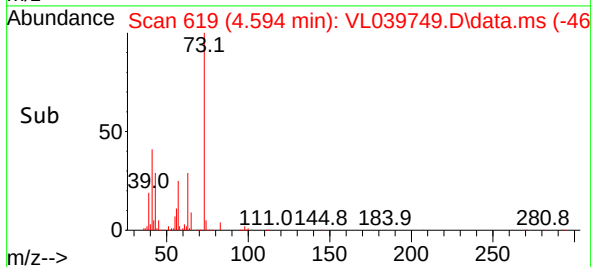
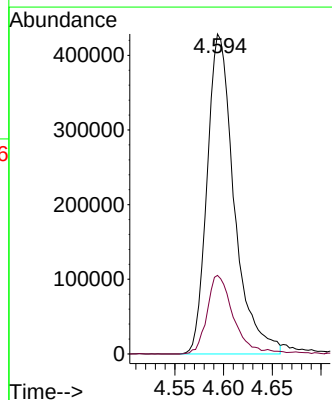
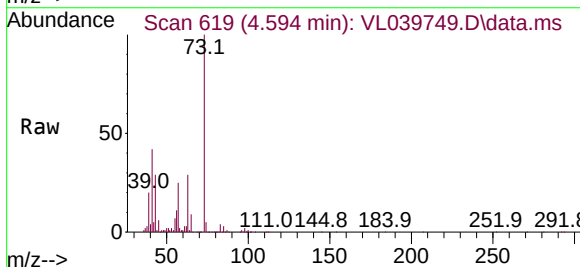
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS01

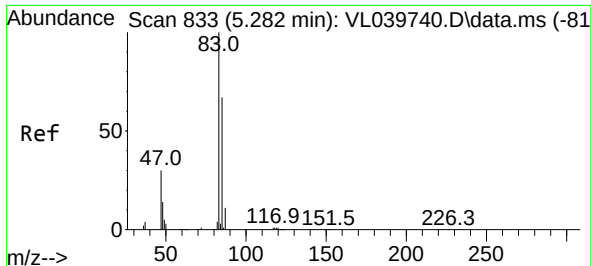
Tgt Ion: 76 Resp: 1220696
Ion Ratio Lower Upper
76 100
44 18.3 14.5 21.7
78 10.6 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 9.847 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 73 Resp: 826967
Ion Ratio Lower Upper
73 100
57 24.5 19.4 29.2





#29

Chloroform

Concen: 8.188 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

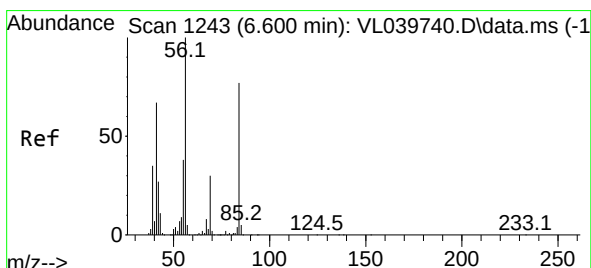
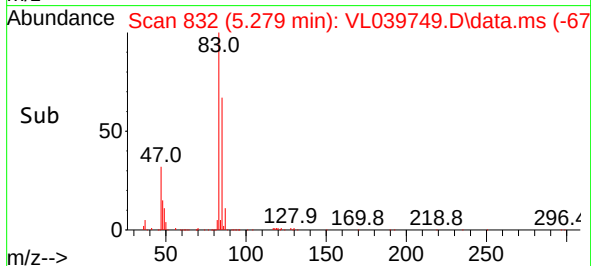
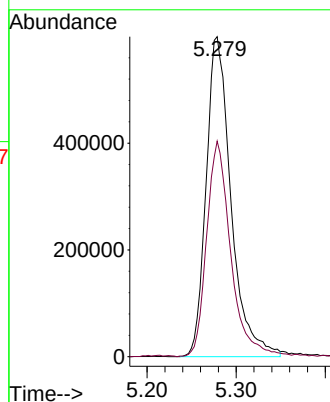
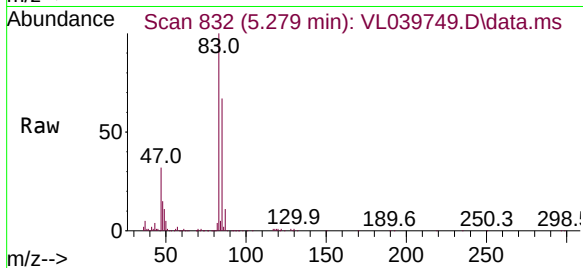
VL1021ABS01

Tgt Ion: 83 Resp: 1162371

Ion Ratio Lower Upper

83 100

85 67.1 53.5 80.3



#30

Cyclohexane

Concen: 10.815 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

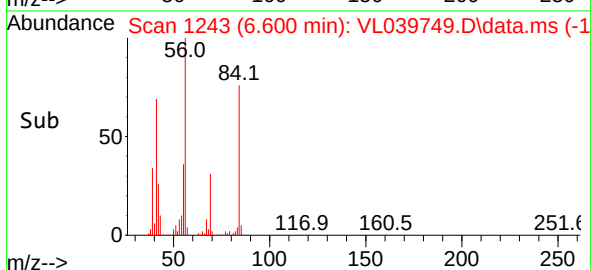
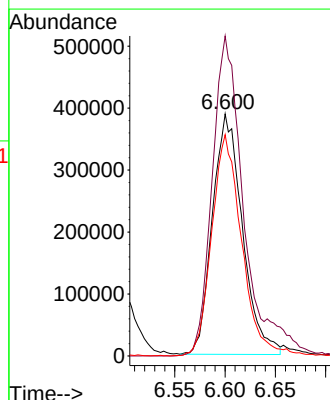
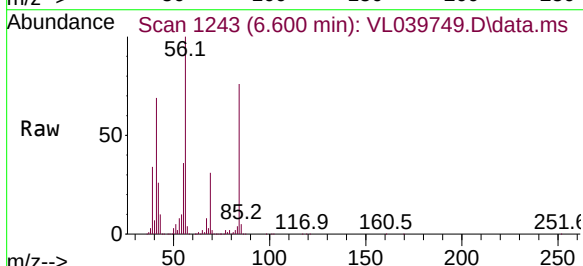
Tgt Ion: 84 Resp: 805165

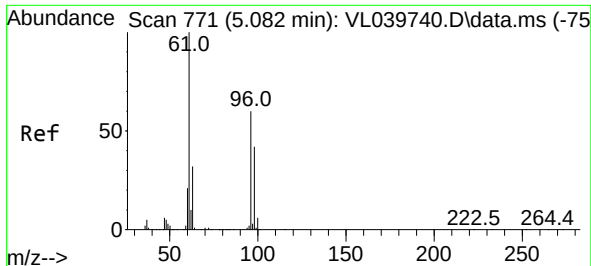
Ion Ratio Lower Upper

84 100

56 141.9 114.2 171.4

41 92.9 74.2 111.2

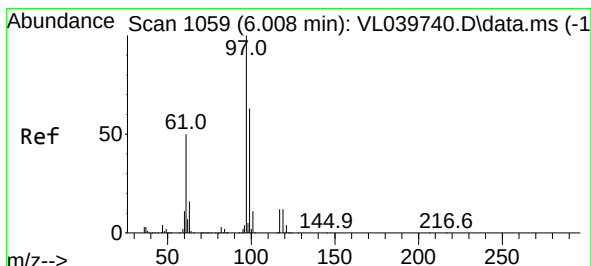
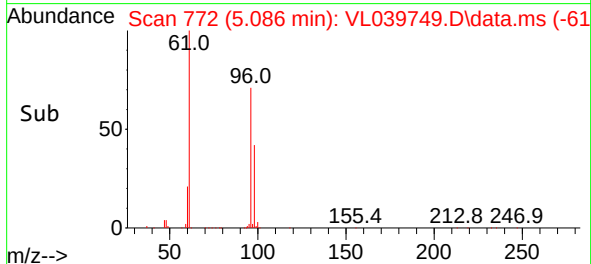
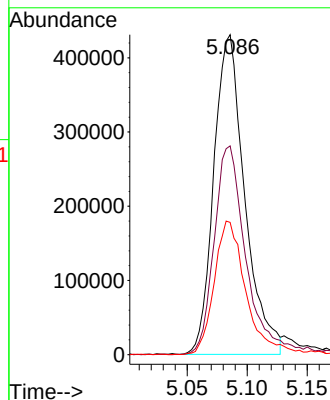
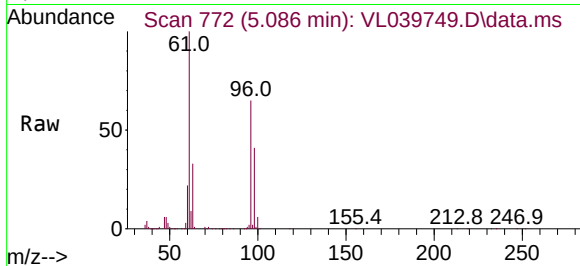




#31
 cis-1,2-Dichloroethene
 Concen: 9.727 ppbv
 RT: 5.086 min Scan# 771
 Delta R.T. 0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

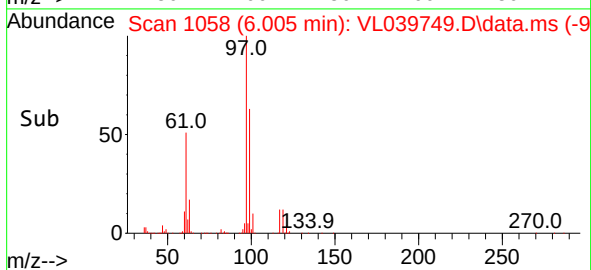
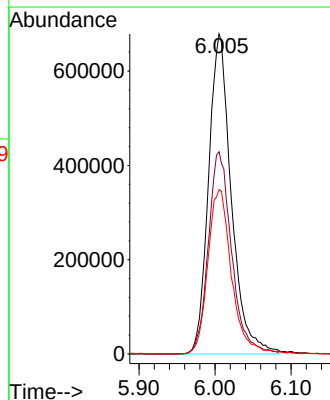
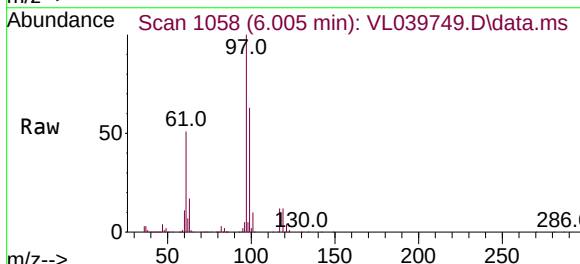
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS01

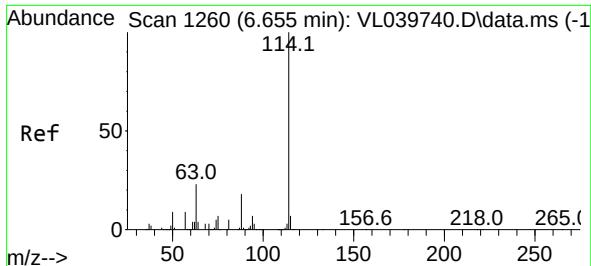
Tgt Ion: 61 Resp: 772429
 Ion Ratio Lower Upper
 61 100
 96 65.2 48.3 72.5
 98 41.4 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 11.468 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 97 Resp: 1412107
 Ion Ratio Lower Upper
 97 100
 99 65.1 53.0 79.4
 61 53.9 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS01

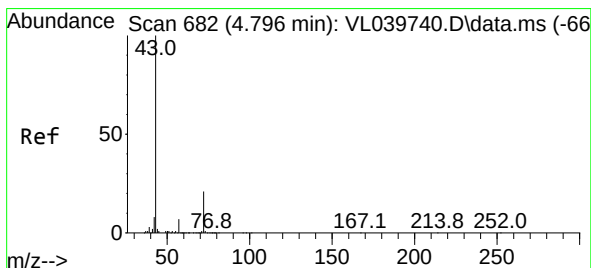
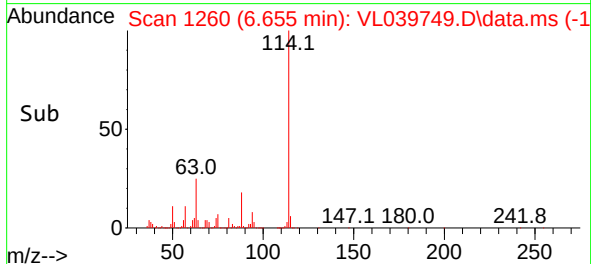
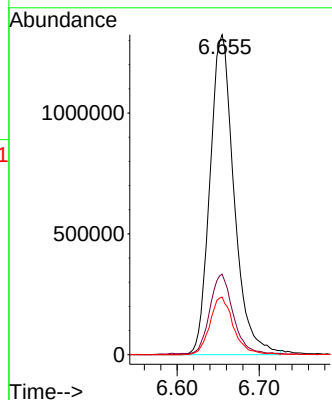
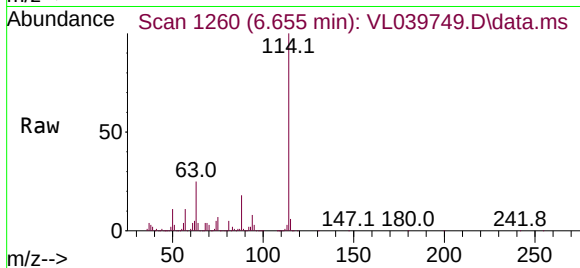
Tgt Ion:114 Resp: 2705788

Ion Ratio Lower Upper

114 100

63 25.0 19.8 29.6

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 9.588 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.003 min

Lab File: VL039749.D

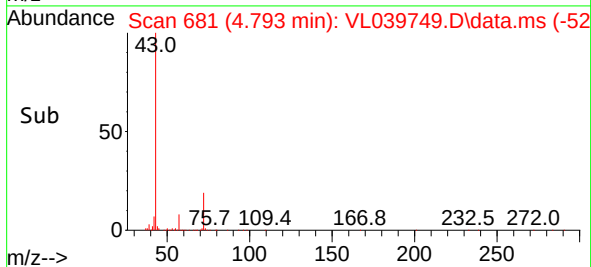
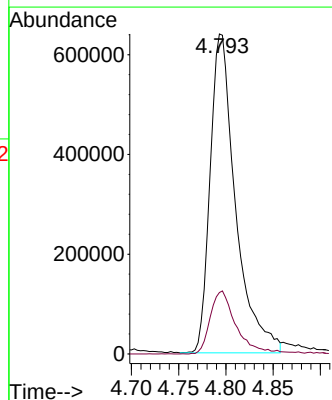
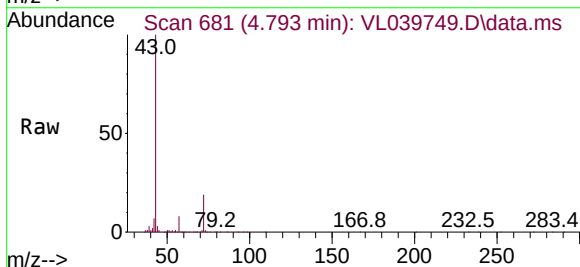
Acq: 21 Oct 2022 18:38

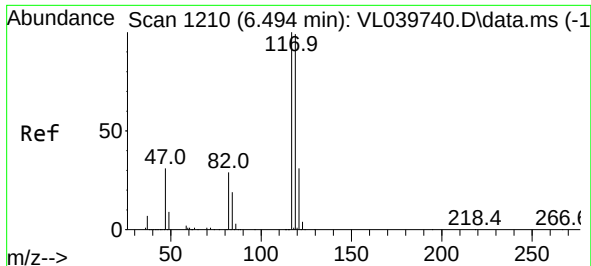
Tgt Ion: 43 Resp: 1196642

Ion Ratio Lower Upper

43 100

72 20.6 17.1 25.7

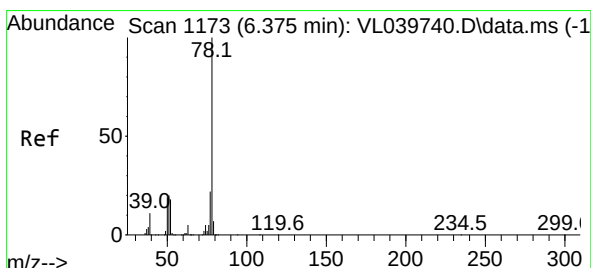
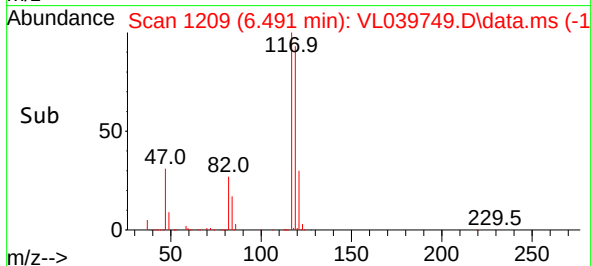
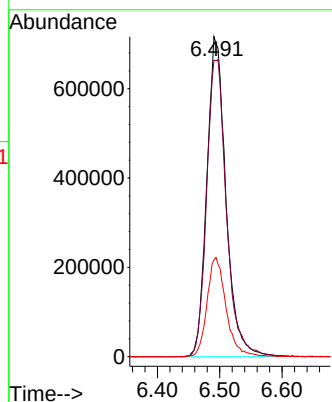
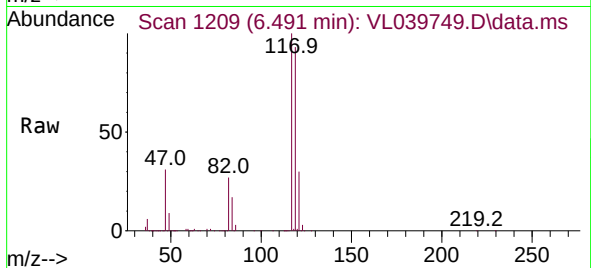




#35
Carbon Tetrachloride
Concen: 10.890 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

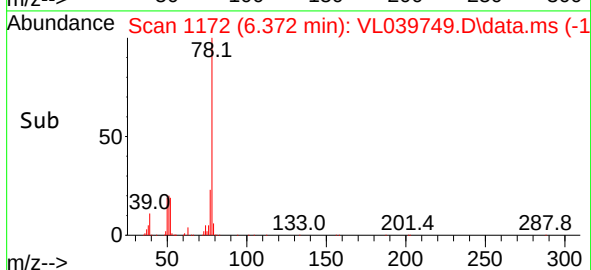
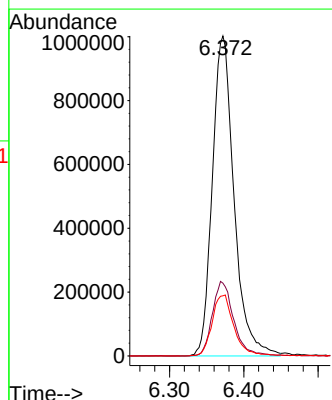
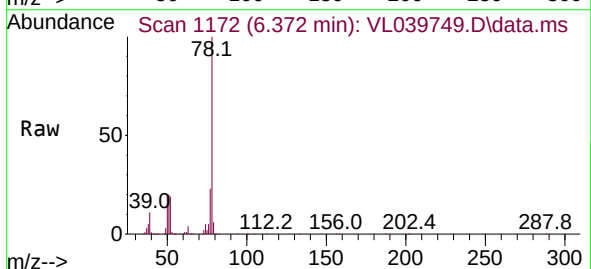
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

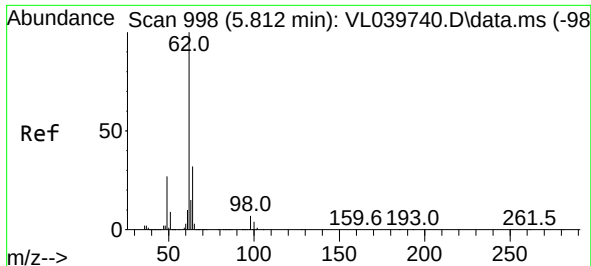
Tgt Ion:117 Resp: 1527041
Ion Ratio Lower Upper
117 100
119 92.6 79.2 118.8
121 30.2 25.0 37.6



#36
Benzene
Concen: 9.971 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 78 Resp: 2036168
Ion Ratio Lower Upper
78 100
77 22.7 17.3 25.9
50 18.8 14.9 22.3





#37

1,2-Dichloroethane

Concen: 10.048 ppbv

RT: 5.809 min Scan# 99

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

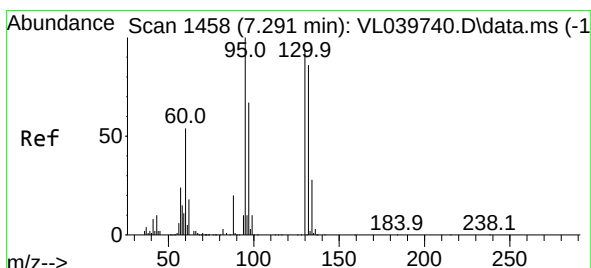
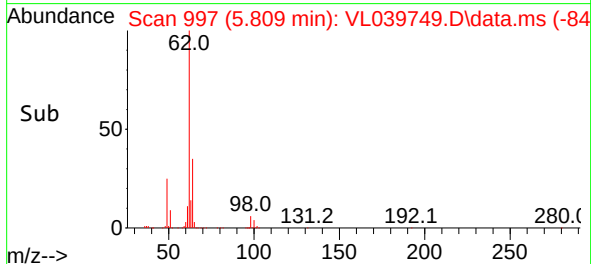
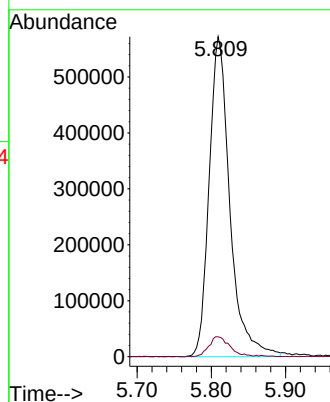
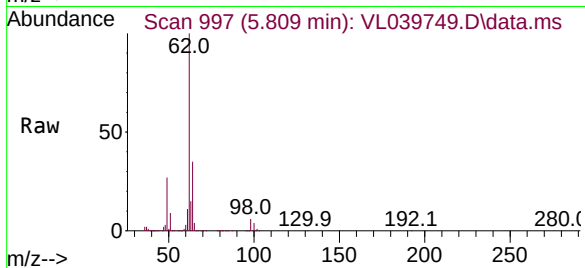
VL1021ABS01

Tgt Ion: 62 Resp: 1105301

Ion Ratio Lower Upper

62 100

98 6.6 5.4 8.0



#38

Trichloroethene

Concen: 11.069 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Tgt Ion:130 Resp: 1212425

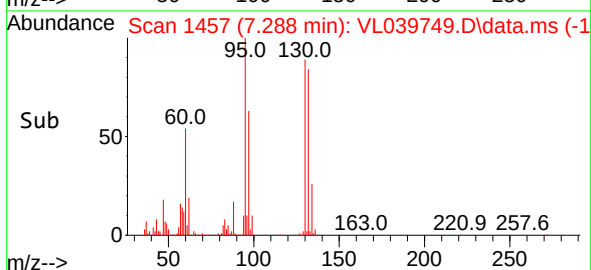
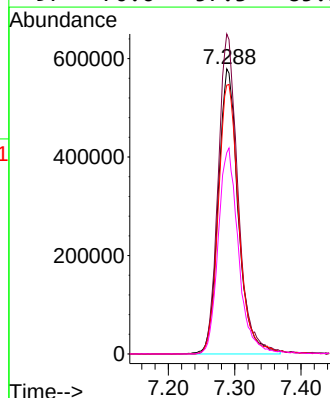
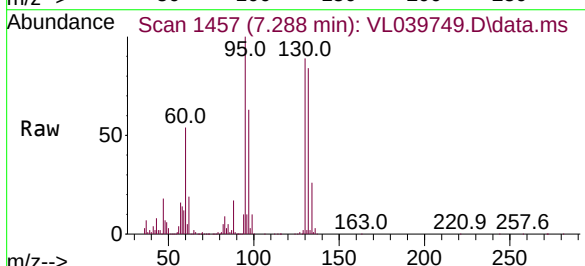
Ion Ratio Lower Upper

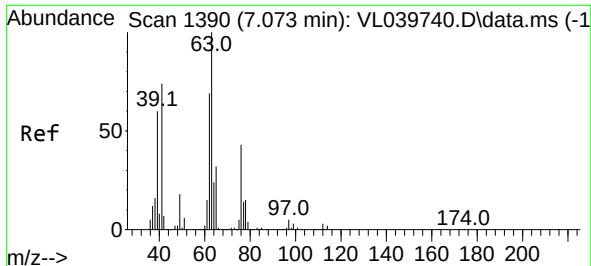
130 100

95 112.2 85.4 128.2

132 94.3 73.0 109.6

97 70.6 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.891 ppbv

RT: 7.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS01

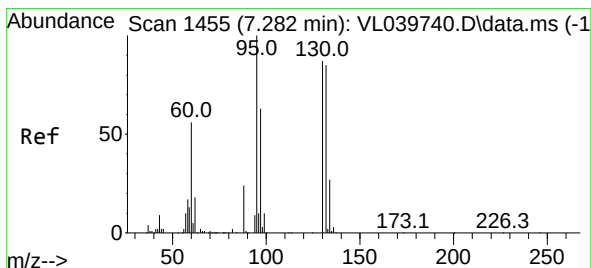
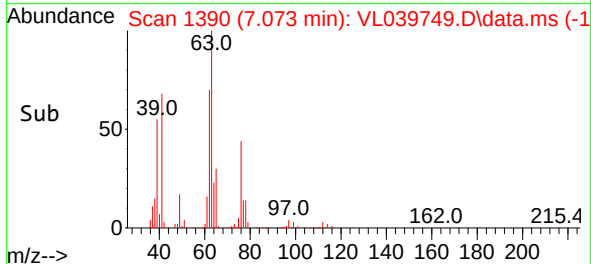
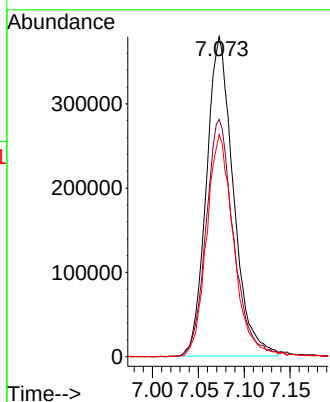
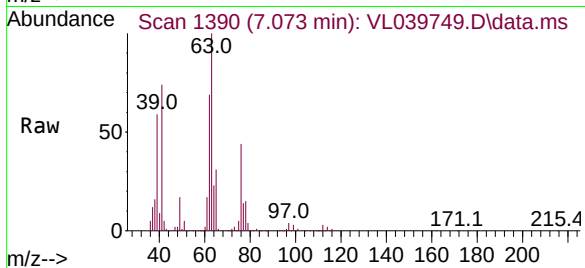
Tgt Ion: 63 Resp: 774831

Ion Ratio Lower Upper

63 100

41 74.2 59.5 89.3

62 69.1 55.2 82.8



#40

1,4-Dioxane

Concen: 9.057 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Tgt Ion: 88 Resp: 271760

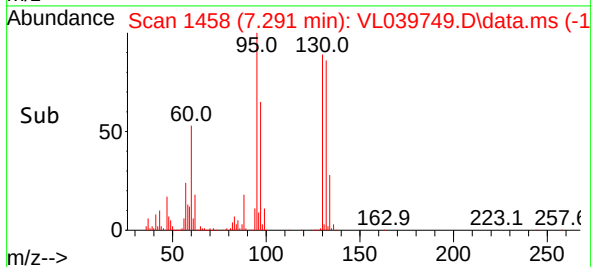
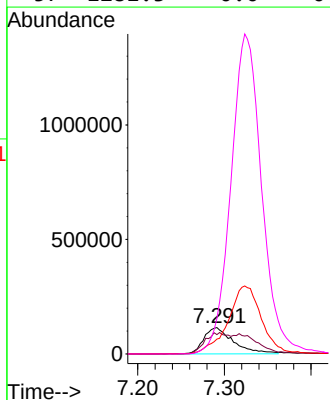
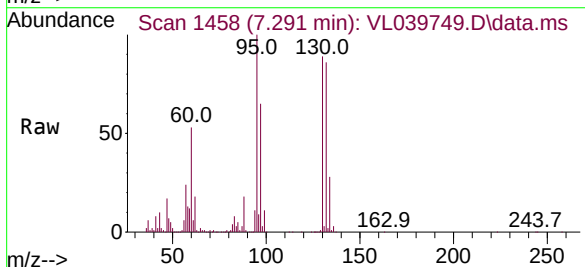
Ion Ratio Lower Upper

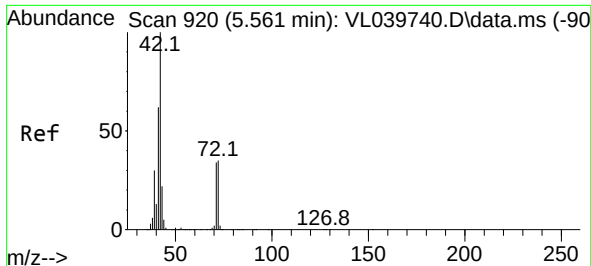
88 100

58 134.1 101.6 152.4

43 293.9 0.0 0.0#

57 1281.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 10.241 ppbv

RT: 5.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS01

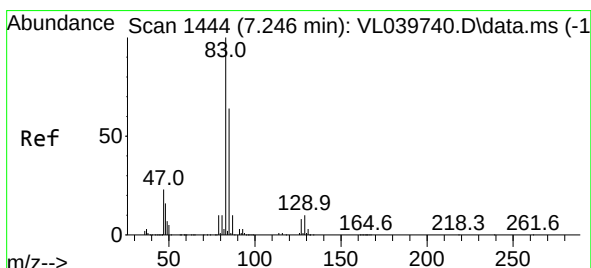
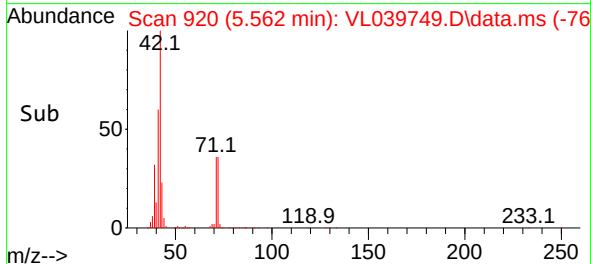
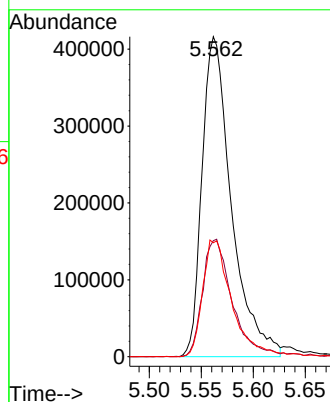
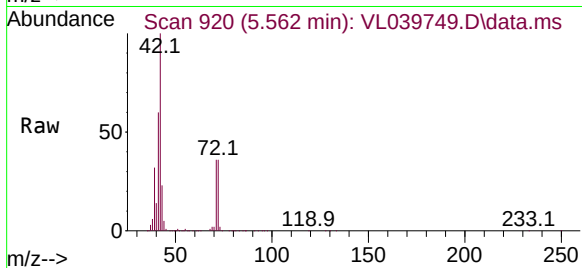
Tgt Ion: 42 Resp: 819464

Ion Ratio Lower Upper

42 100

72 37.7 30.0 45.0

71 36.9 29.3 43.9



#42

Bromodichloromethane

Concen: 10.625 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

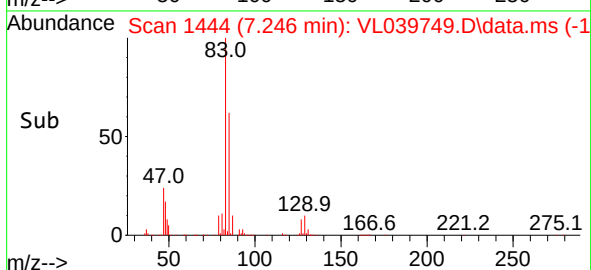
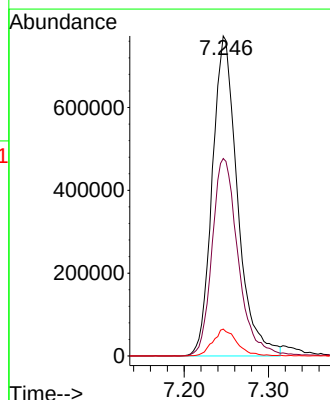
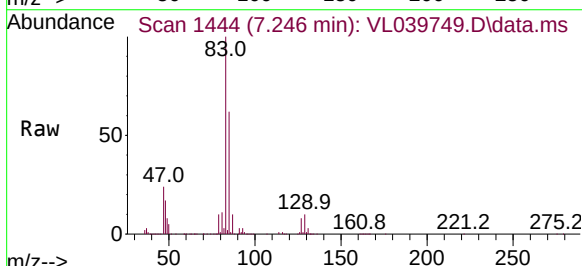
Tgt Ion: 83 Resp: 1605018

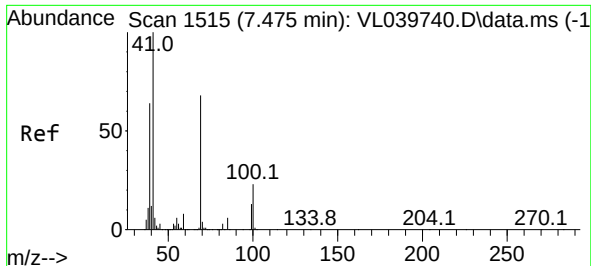
Ion Ratio Lower Upper

83 100

85 61.7 51.0 76.6

127 8.4 6.5 9.7

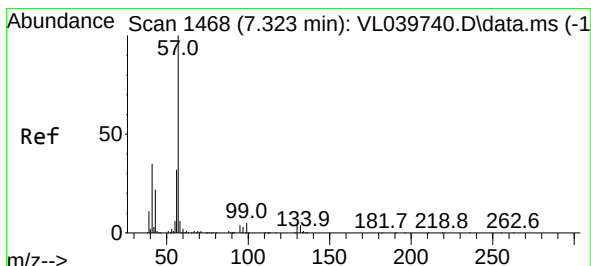
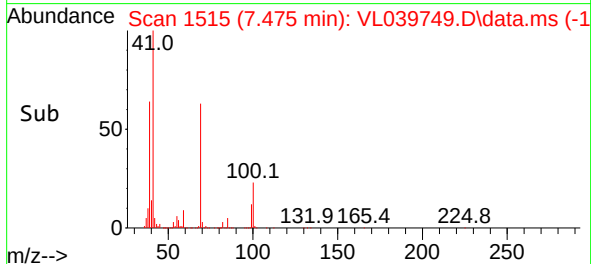
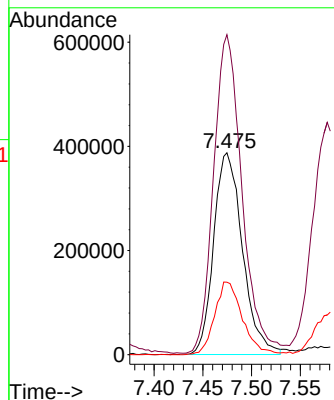
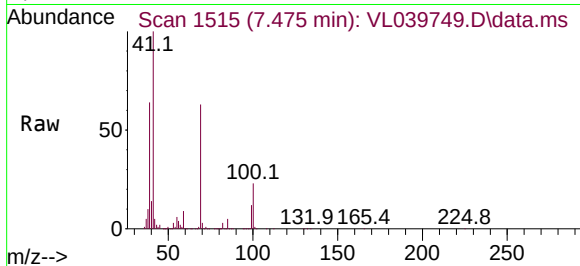




#43
Methyl Methacrylate
Concen: 10.843 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

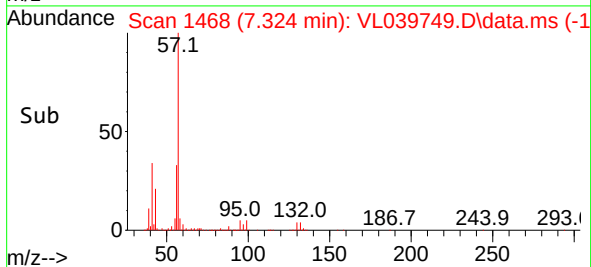
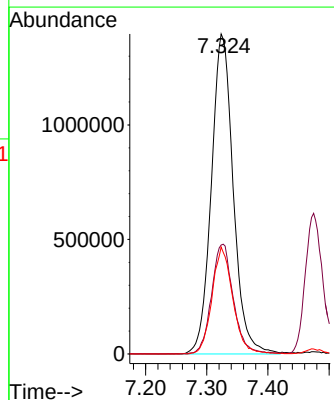
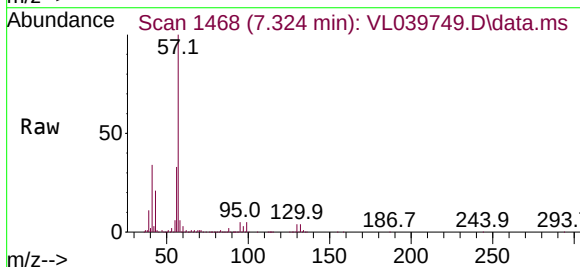
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

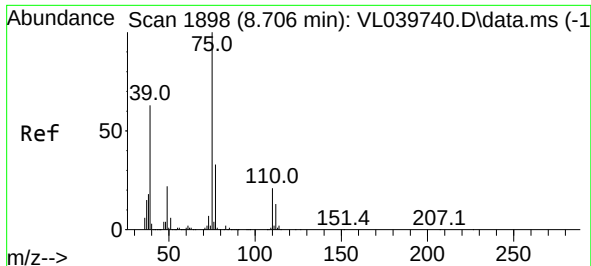
Tgt Ion: 69 Resp: 796515
Ion Ratio Lower Upper
69 100
41 156.2 124.6 186.8
100 35.0 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 10.037 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 57 Resp: 3473056
Ion Ratio Lower Upper
57 100
41 34.1 27.1 40.7
56 31.8 25.2 37.8

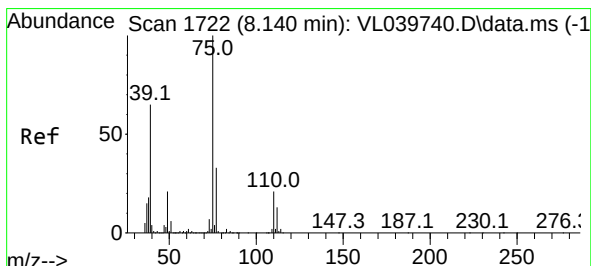
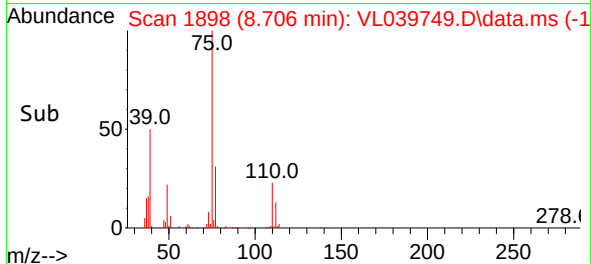
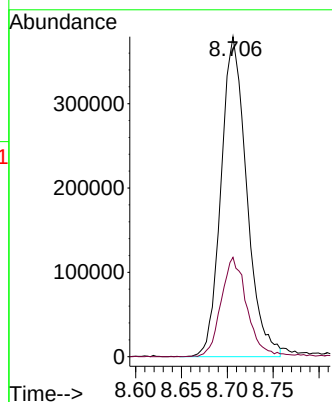
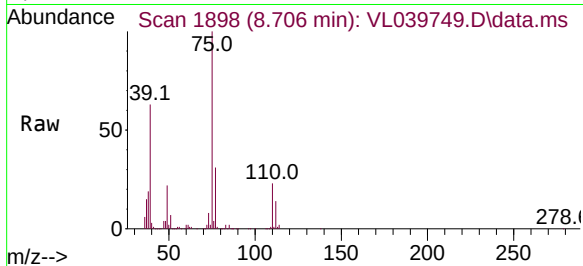




#45
 t-1,3-Dichloropropene
 Concen: 12.122 ppbv
 RT: 8.706 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

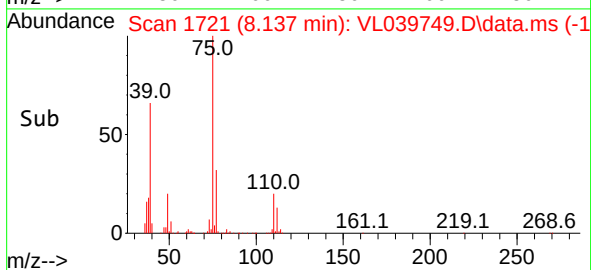
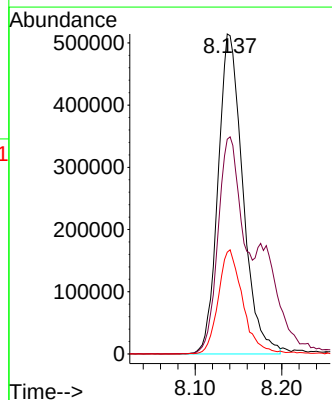
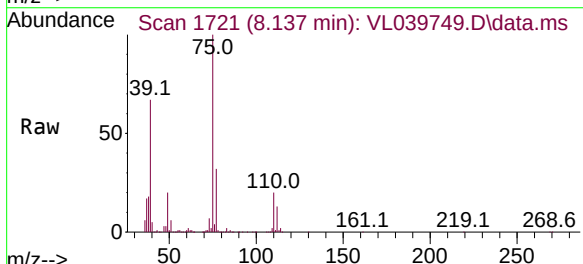
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABS01

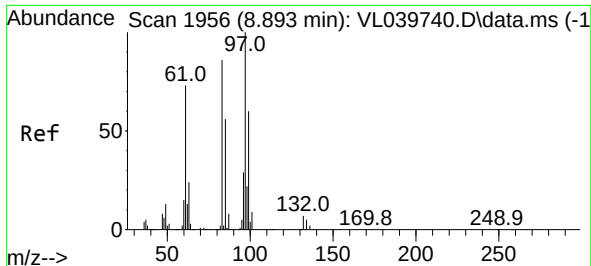
Tgt Ion: 75 Resp: 737070
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.6 39.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.880 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 75 Resp: 1023255
 Ion Ratio Lower Upper
 75 100
 39 67.0 52.2 78.4
 77 31.8 26.6 40.0



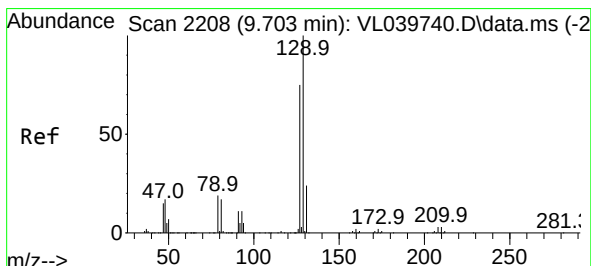
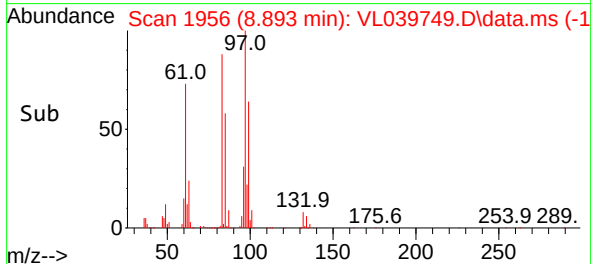
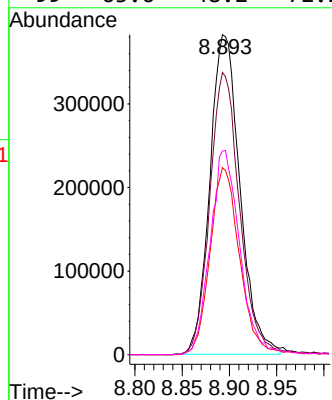
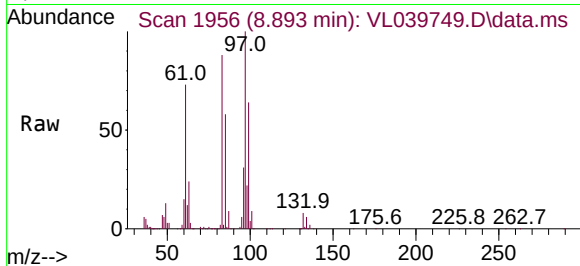


#47
1,1,2-Trichloroethane
Concen: 9.930 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

Tgt Ion: 97 Resp: 844753

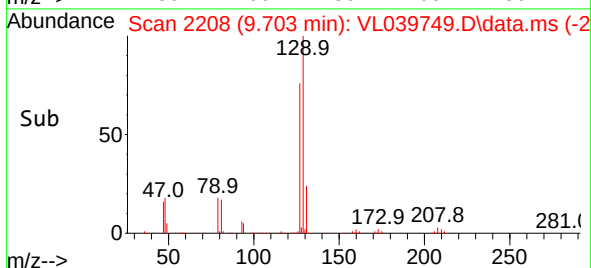
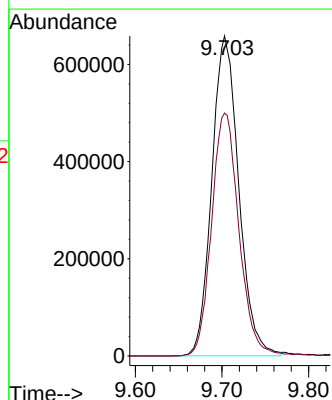
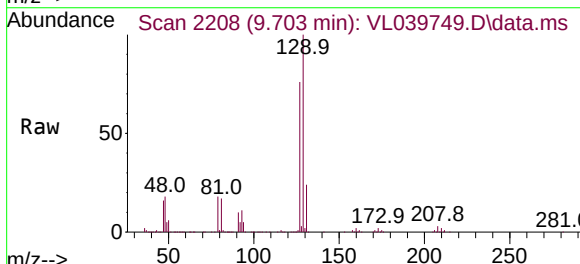
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.8	103.2
85	58.5	44.8	67.2
99	63.6	48.2	72.2

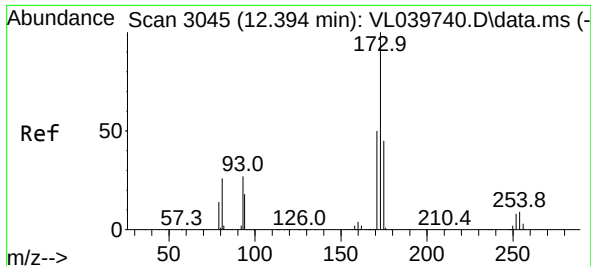


#48
Dibromochloromethane
Concen: 11.092 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 129 Resp: 1423536

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6

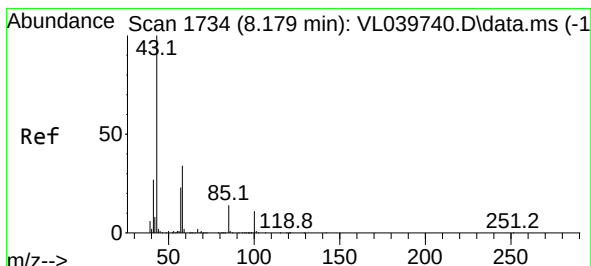
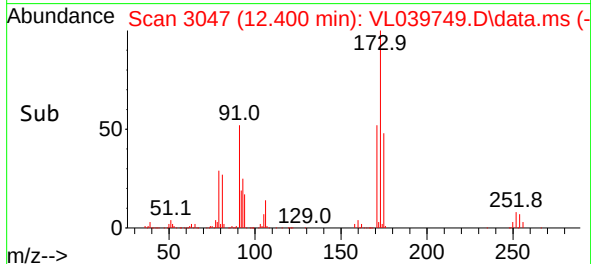
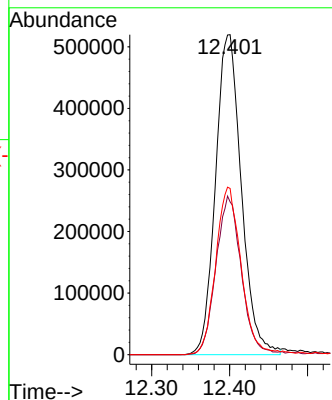
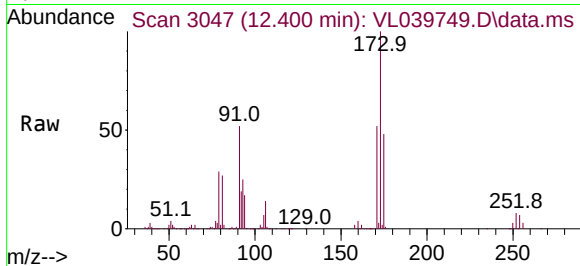




#49
Bromoform
Concen: 11.603 ppbv
RT: 12.400 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

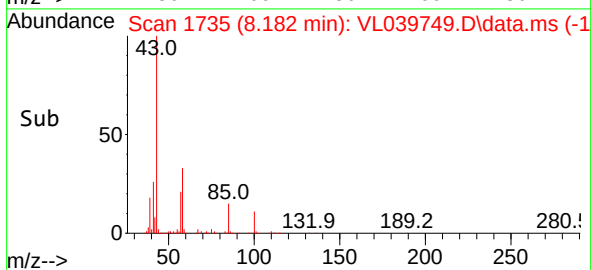
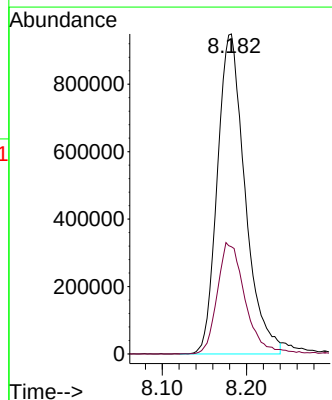
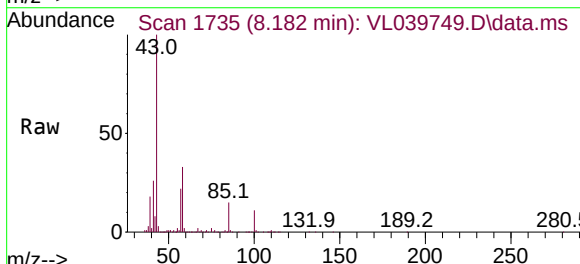
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

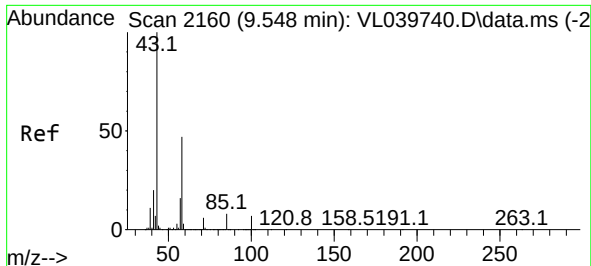
Tgt Ion:173 Resp: 1198790
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.0
171 52.7 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 10.606 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 43 Resp: 2158299
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

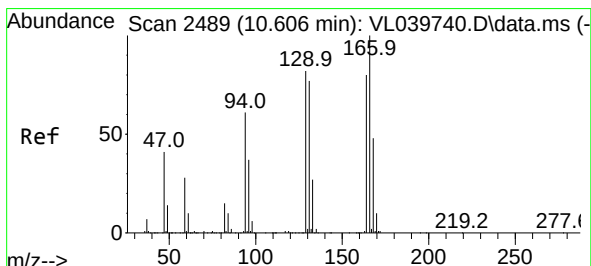
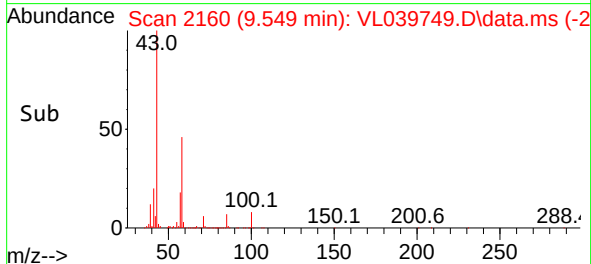
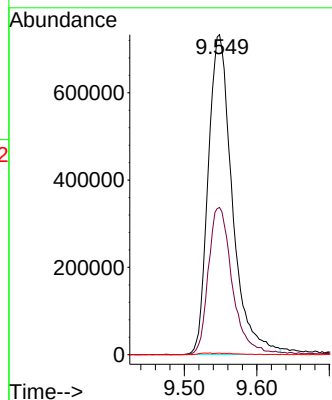
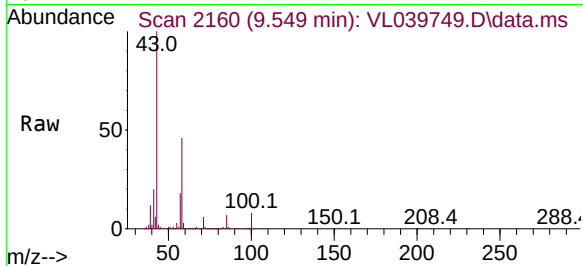




#51
2-Hexanone
Concen: 11.590 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

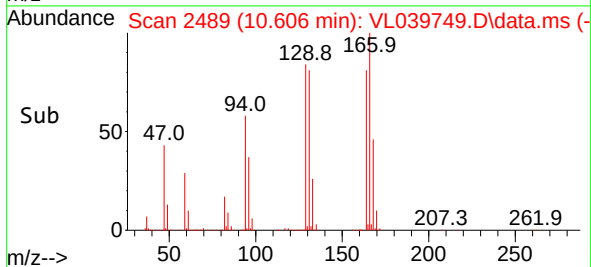
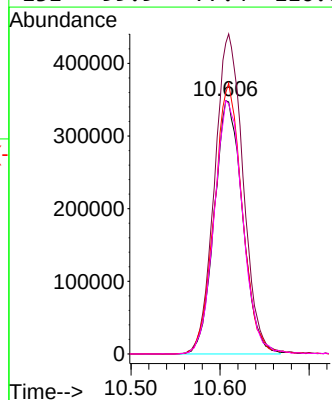
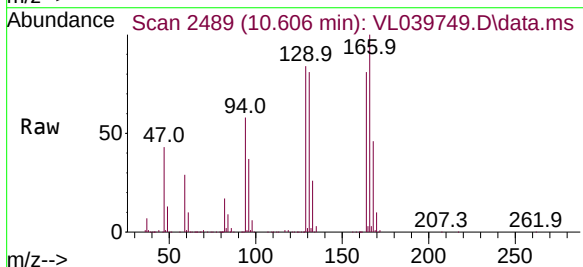
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

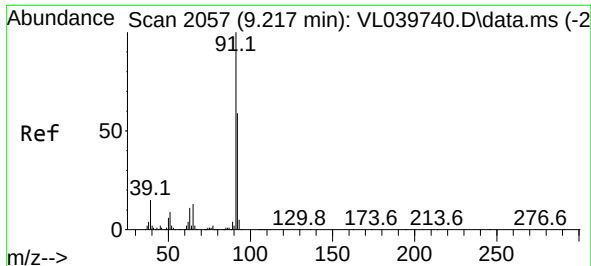
Tgt Ion: 43 Resp: 1690417
Ion Ratio Lower Upper
43 100
58 46.5 37.6 56.4
98 0.7 0.6 0.8



#52
Tetrachloroethene
Concen: 10.430 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 164 Resp: 768811
Ion Ratio Lower Upper
164 100
166 122.5 100.0 150.0
129 103.0 82.1 123.1
131 99.9 77.4 116.0

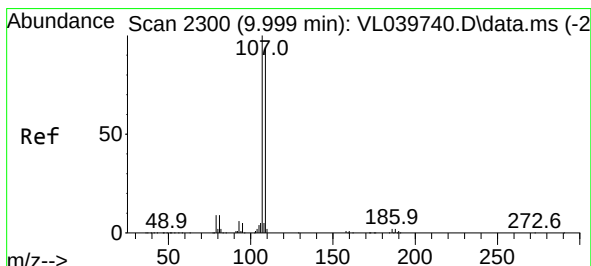
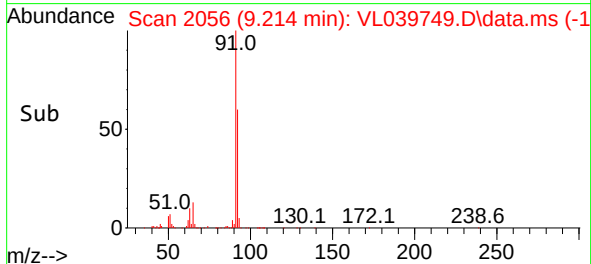
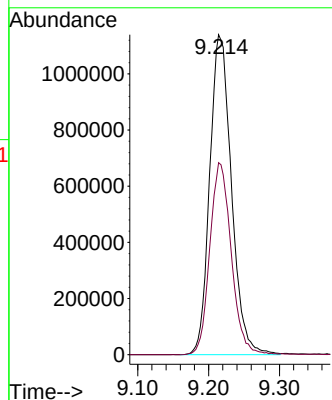
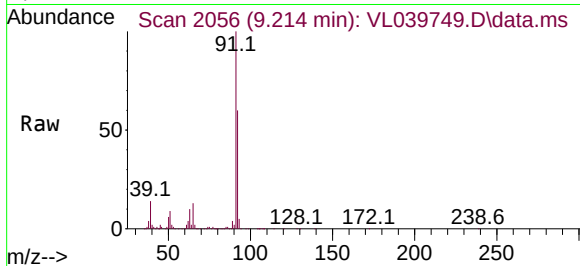




#53
Toluene
Concen: 11.003 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

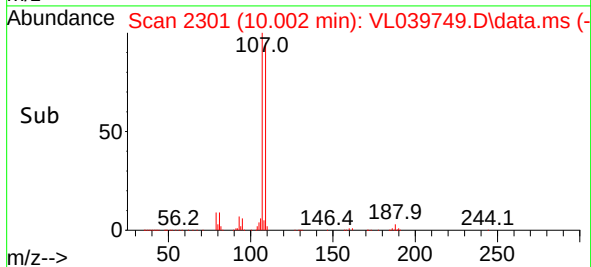
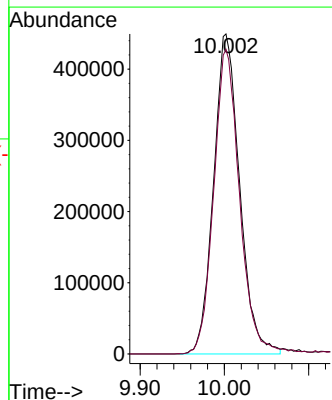
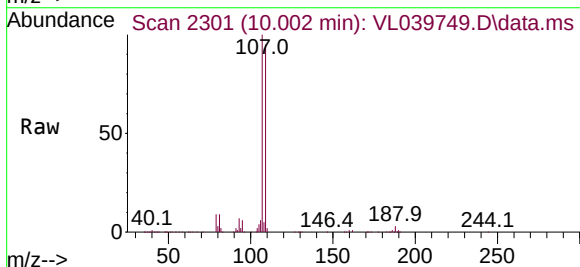
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS01

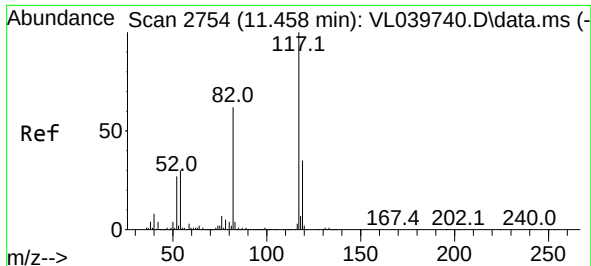
Tgt Ion: 91 Resp: 2426179
Ion Ratio Lower Upper
91 100
92 59.4 47.7 71.5



#54
1,2-Dibromoethane
Concen: 11.274 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 107 Resp: 964484
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

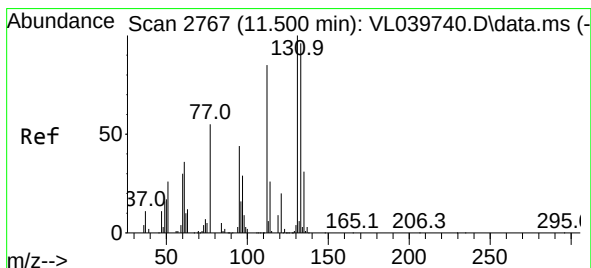
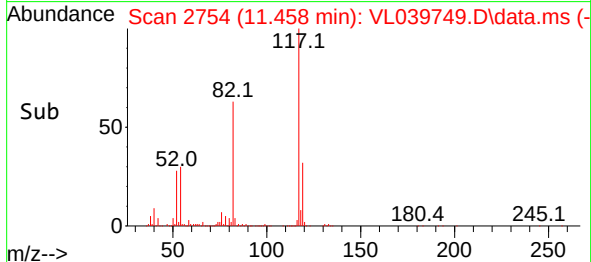
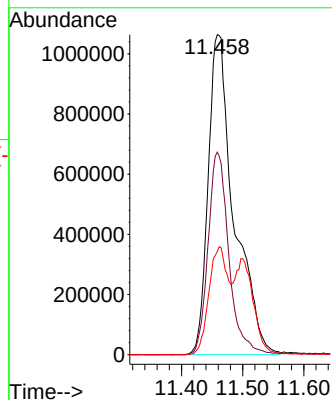
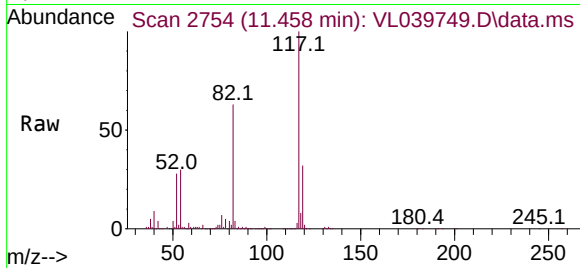




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

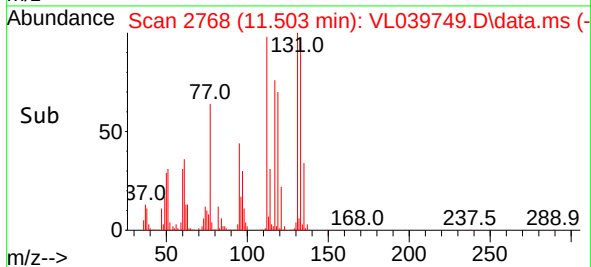
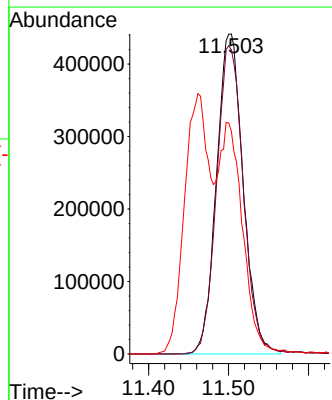
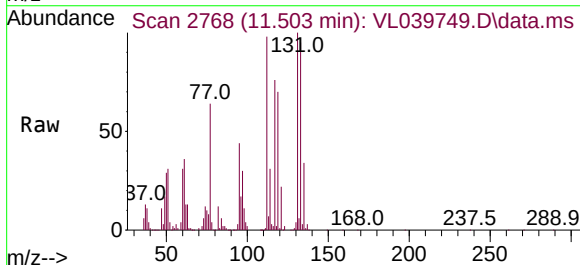
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

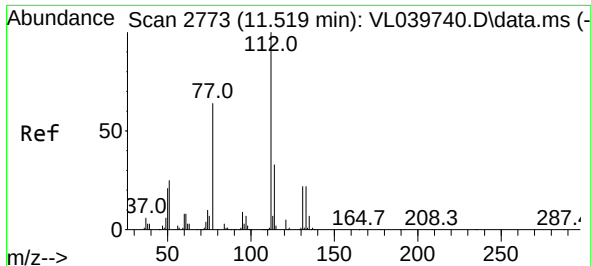
Tgt Ion:117 Resp: 3134250
Ion Ratio Lower Upper
117 100
82 50.9 51.4 77.0#
119 24.9 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 8.037 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion:131 Resp: 1022345
Ion Ratio Lower Upper
131 100
133 96.8 77.2 115.8
119 67.3 55.5 83.3

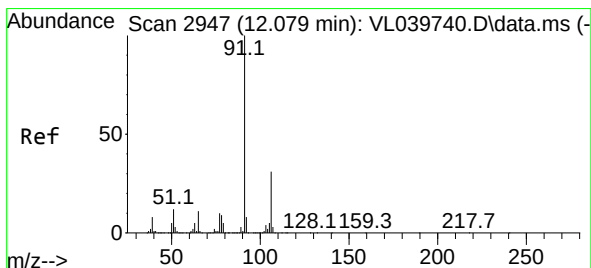
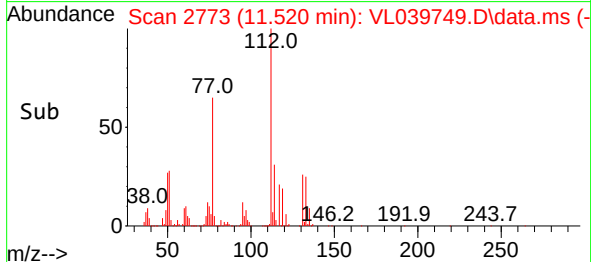
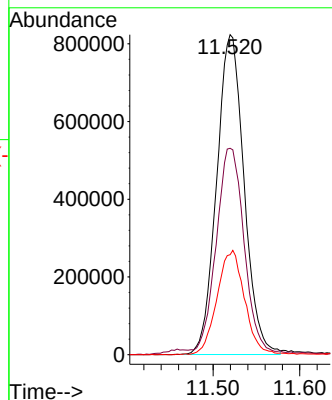
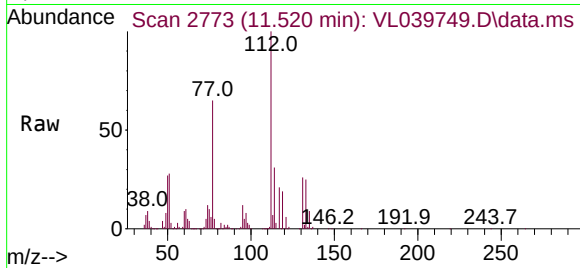




#57
Chlorobenzene
Concen: 7.882 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

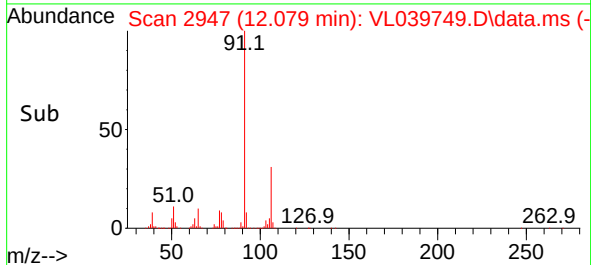
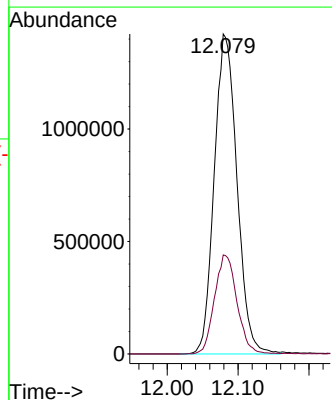
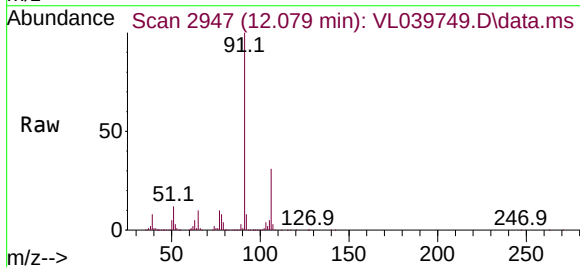
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

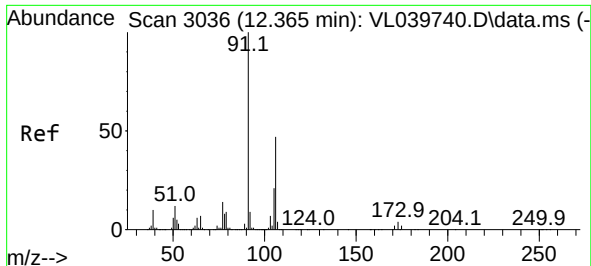
Tgt Ion:112 Resp: 1812527
Ion Ratio Lower Upper
112 100
77 63.3 51.4 77.2
114 31.2 30.0 36.6



#58
Ethyl Benzene
Concen: 8.760 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 91 Resp: 3171252
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

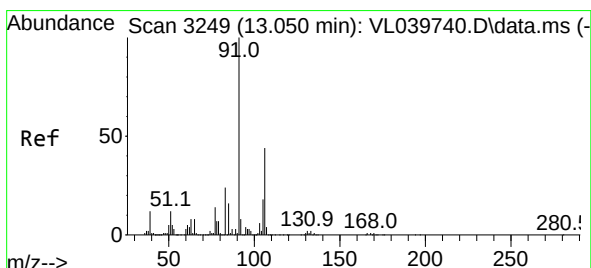
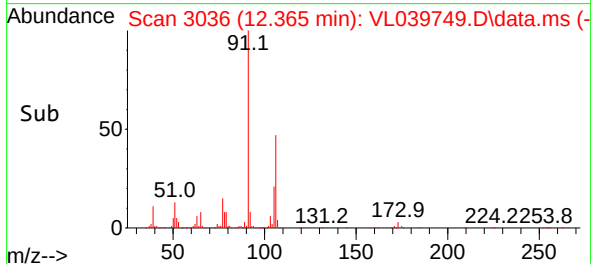
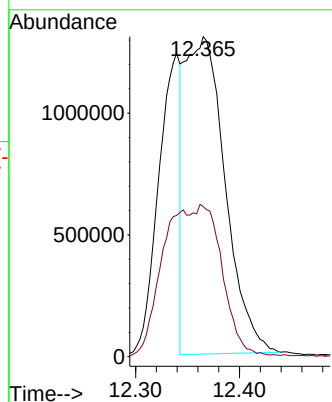
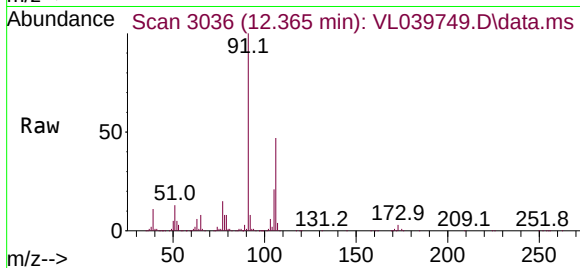




#59
m/p-Xylene
Concen: 10.940 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

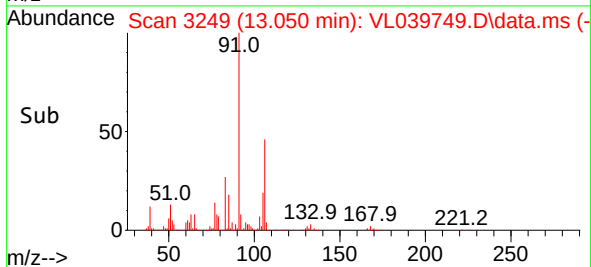
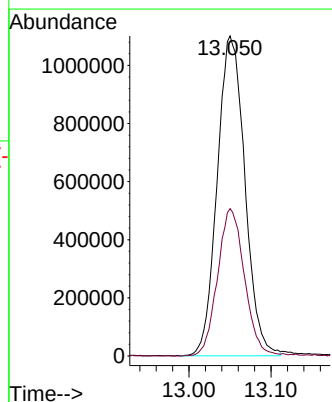
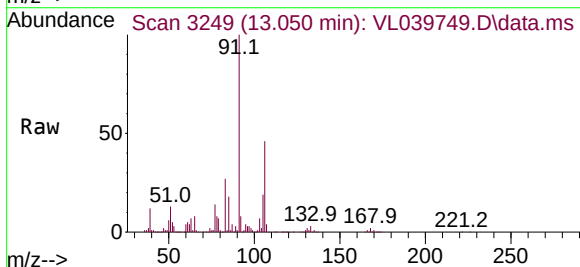
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

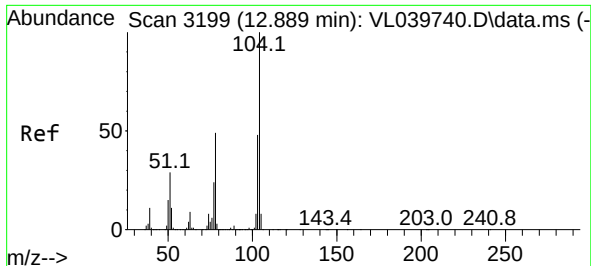
Tgt Ion: 91 Resp: 3500172
Ion Ratio Lower Upper
91 100
106 70.1 36.2 54.4#



#60
o-Xylene
Concen: 8.412 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 91 Resp: 2574792
Ion Ratio Lower Upper
91 100
106 45.3 22.4 67.0

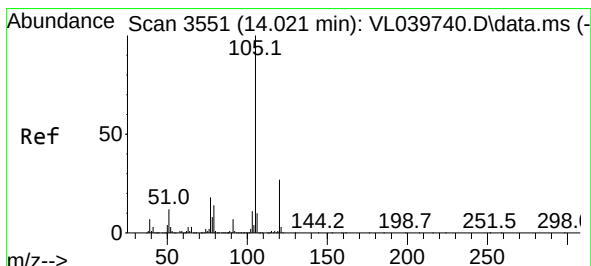
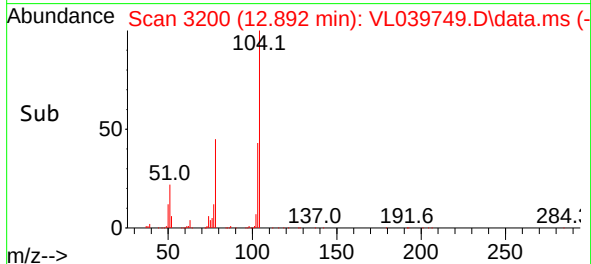
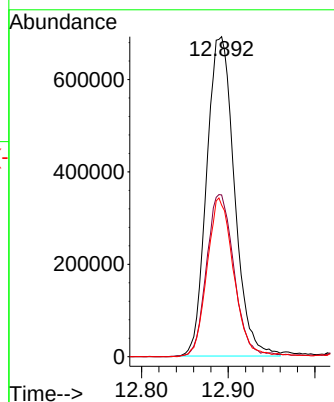
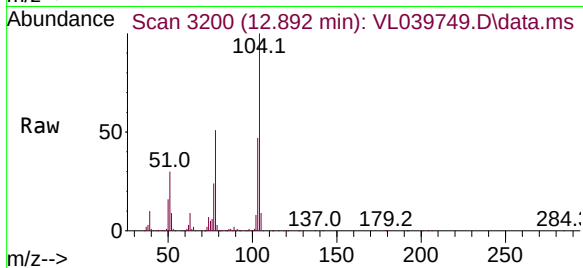




#61
Styrene
Concen: 9.622 ppbv
RT: 12.892 min Scan# 3199
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

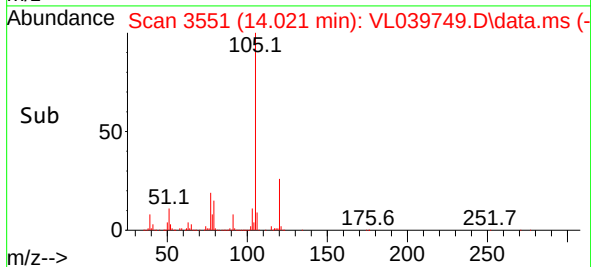
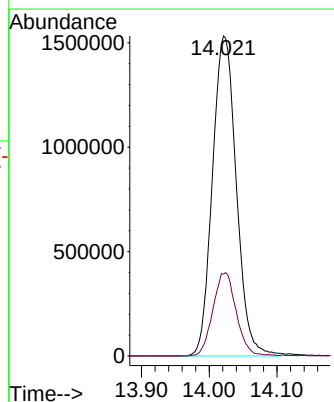
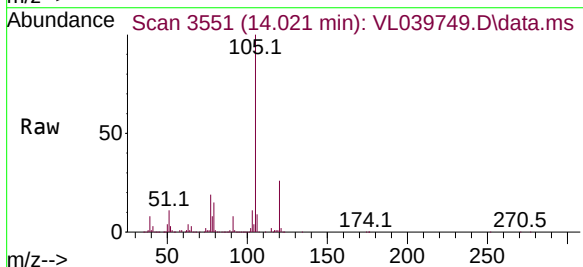
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

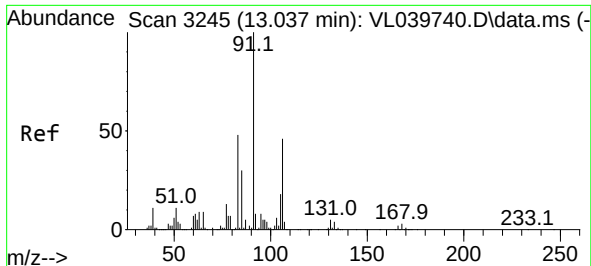
Tgt Ion:104 Resp: 1540905
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 48.3 38.1 57.1



#62
Isopropylbenzene
Concen: 8.241 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion:105 Resp: 3756931
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4

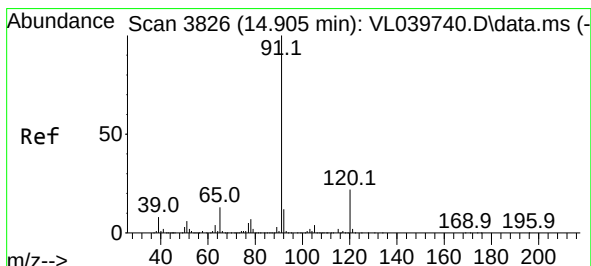
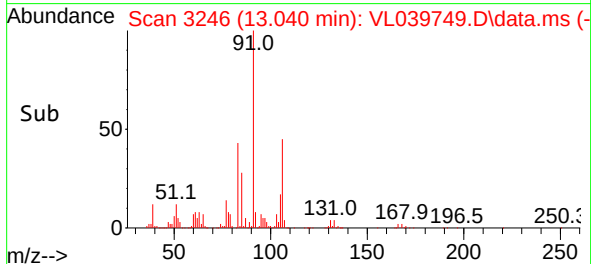
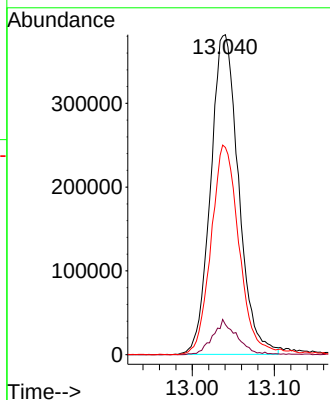
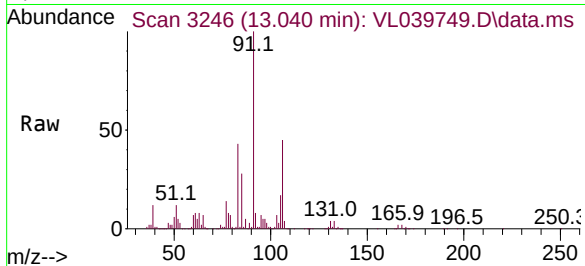




#63
1,1,2,2-Tetrachloroethane
Concen: 7.745 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

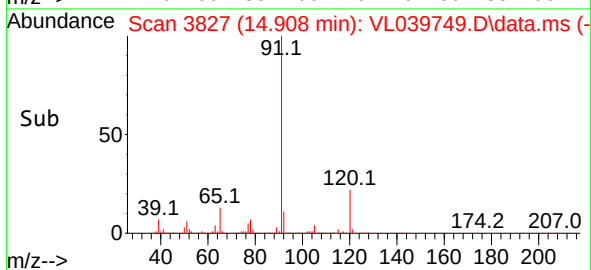
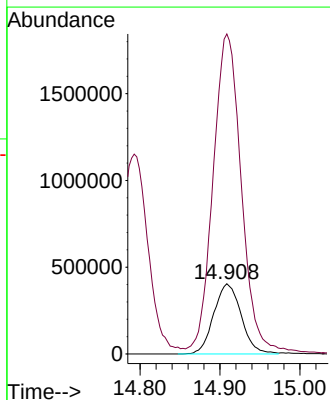
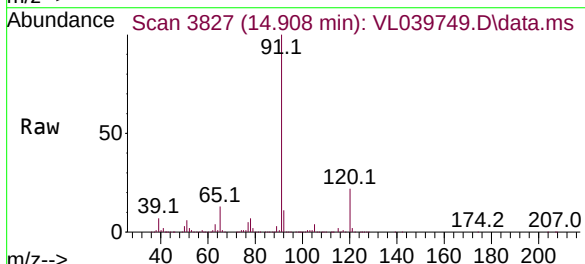
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS01

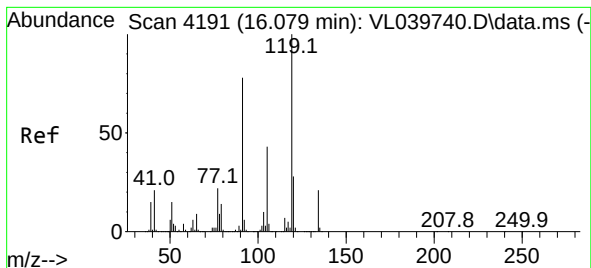
Tgt Ion: 83 Resp: 905914
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 66.7 32.8 98.4



#64
n-propylbenzene
Concen: 8.415 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion:120 Resp: 963798
Ion Ratio Lower Upper
120 100
91 473.2 376.2 564.2





#65

tert-Butylbenzene

Concen: 8.217 ppbv

RT: 16.082 min Scan# 4191

Delta R.T. 0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_1

ClientSampleId :

VL1021ABS01

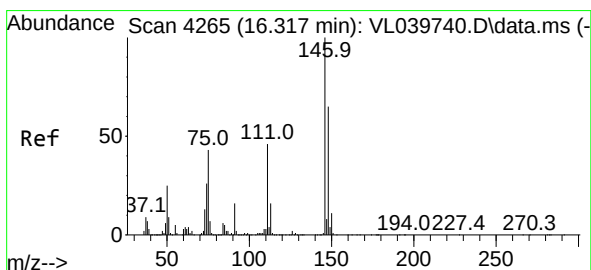
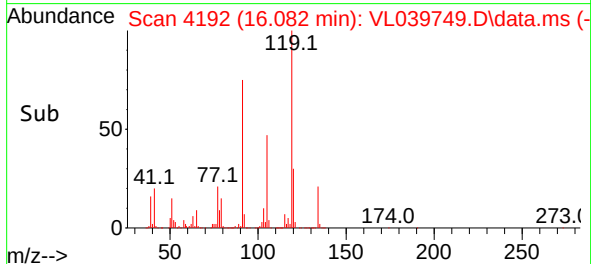
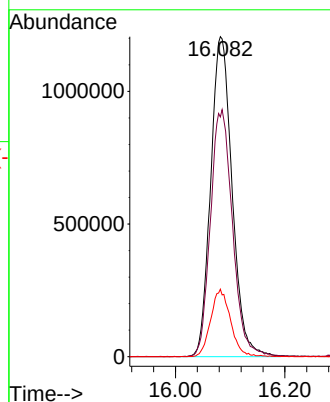
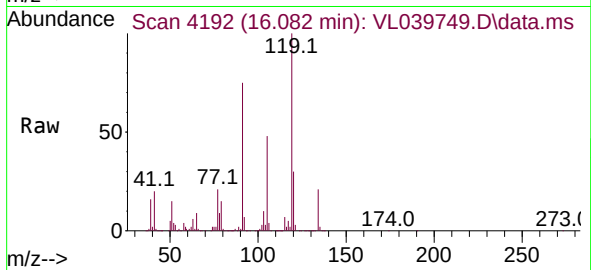
Tgt Ion:119 Resp: 3281662

Ion Ratio Lower Upper

119 100

91 79.4 64.2 96.2

134 19.6 15.5 23.3



#66

Benzyl Chloride

Concen: 8.324 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

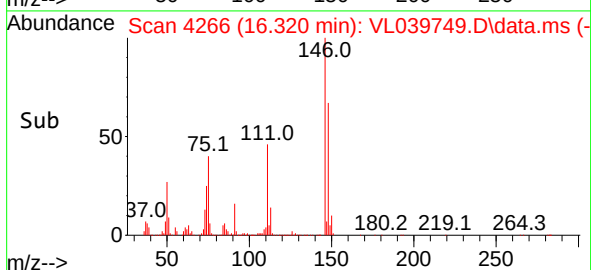
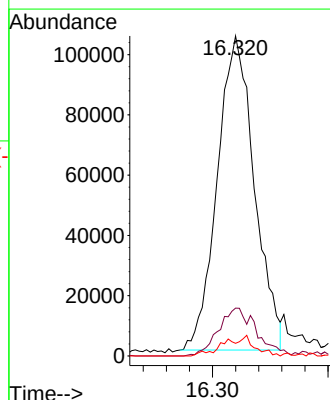
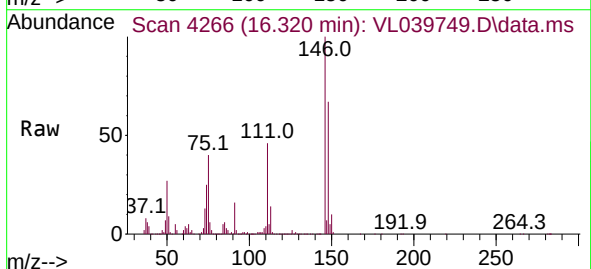
Tgt Ion: 91 Resp: 232277

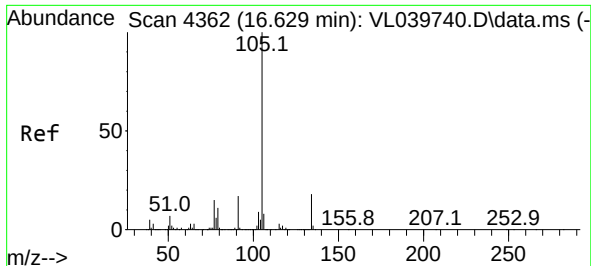
Ion Ratio Lower Upper

91 100

126 16.8 12.6 18.8

128 5.9 4.2 6.2

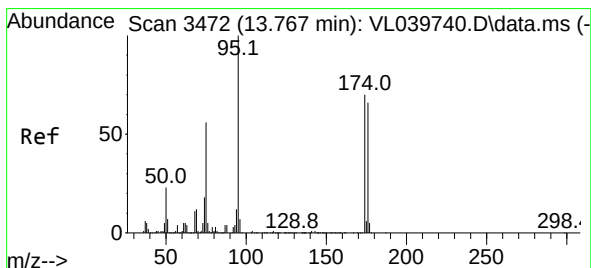
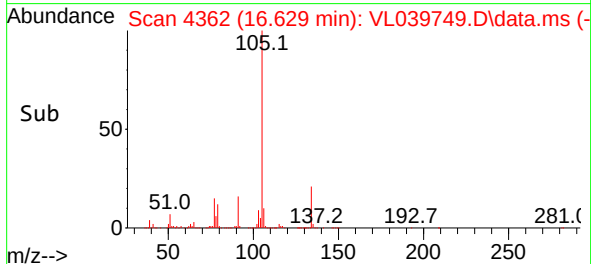
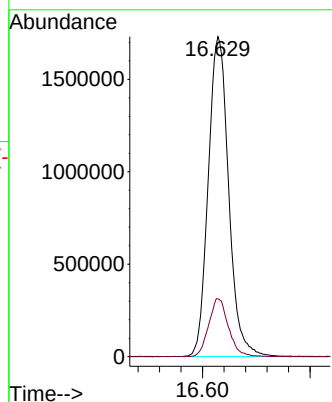
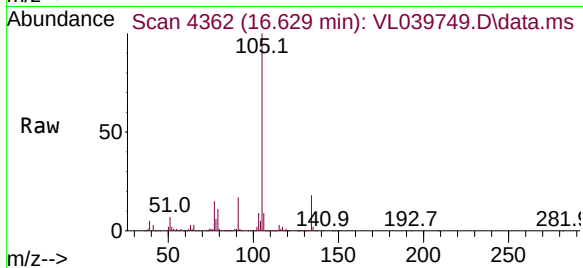




#67
 sec-Butylbenzene
 Concen: 8.259 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

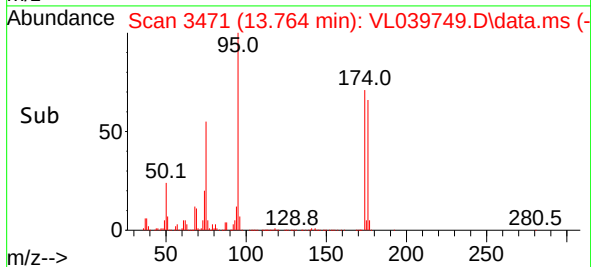
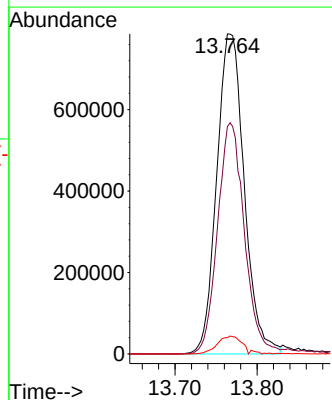
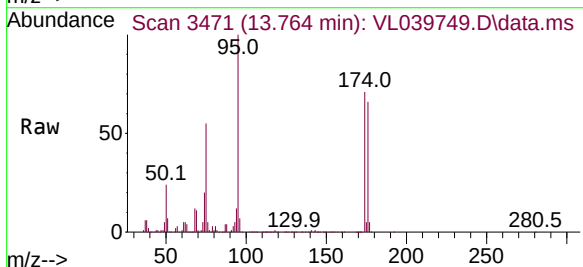
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS01

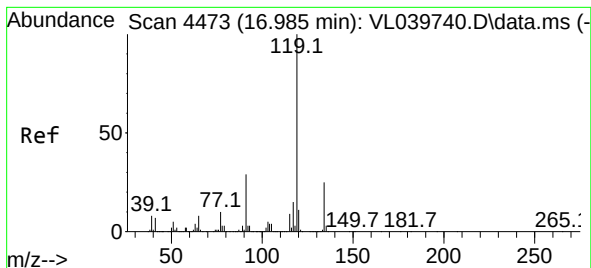
Tgt Ion:105 Resp: 4563255
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.254 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion: 95 Resp: 1836461
 Ion Ratio Lower Upper
 95 100
 174 72.1 56.5 84.7
 175 5.3 4.2 6.4

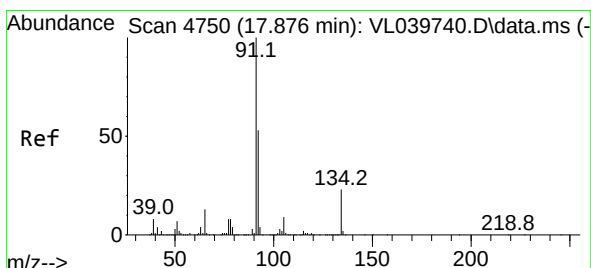
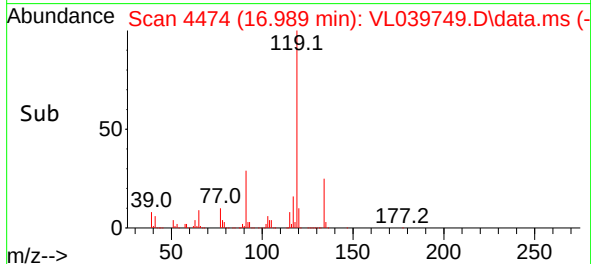
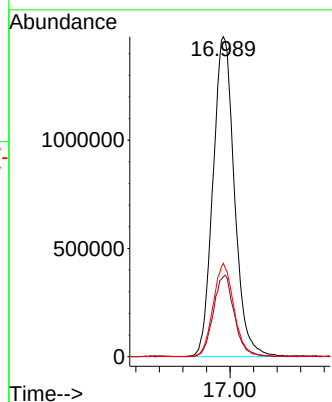
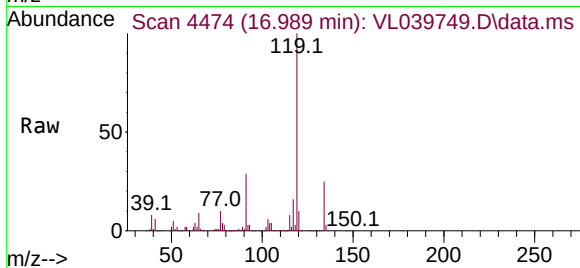




#69
p-Isopropyltoluene
Concen: 8.382 ppbv
RT: 16.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

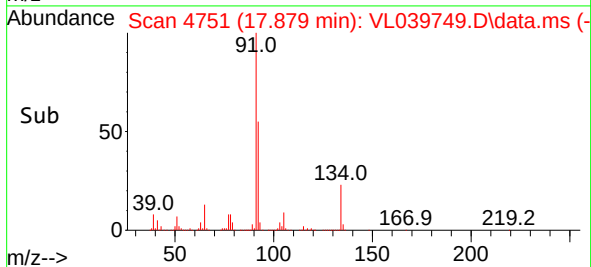
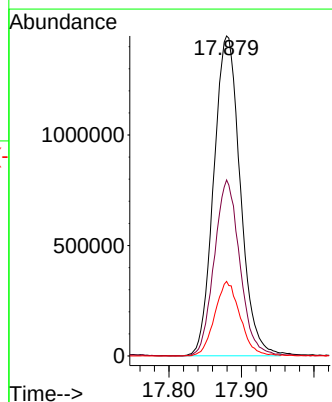
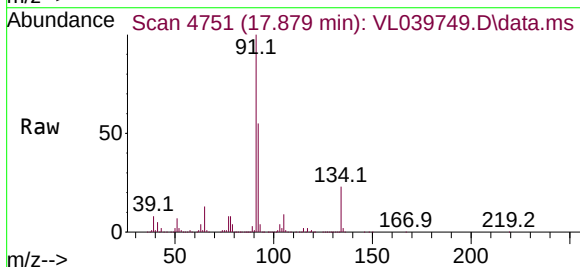
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS01

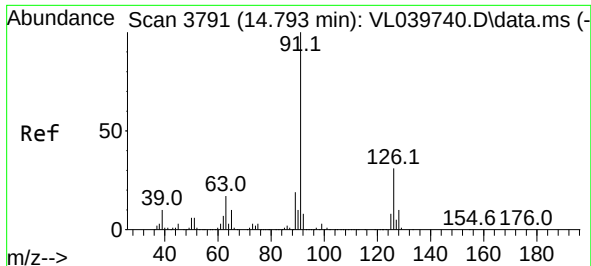
Tgt Ion:119 Resp: 3732674
Ion Ratio Lower Upper
119 100
134 25.0 19.8 29.8
91 28.5 22.7 34.1



#70
n-Butylbenzene
Concen: 8.585 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 91 Resp: 3678858
Ion Ratio Lower Upper
91 100
92 53.4 43.3 64.9
134 22.4 18.4 27.6

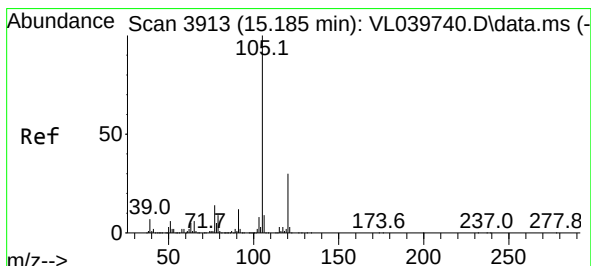
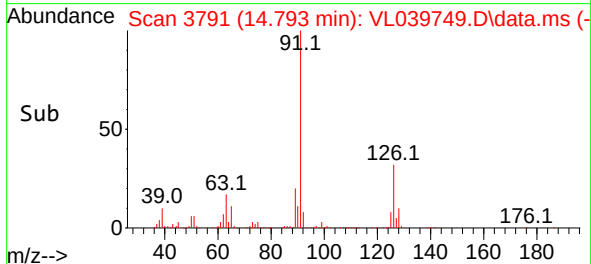
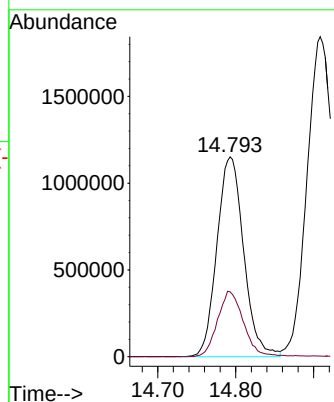
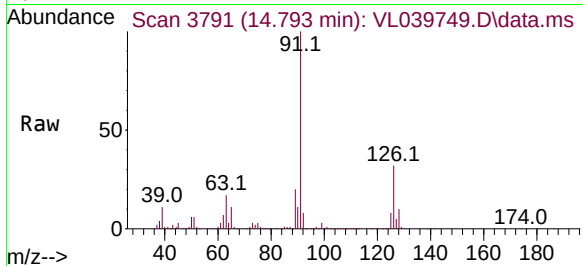




#71
2-Chlorotoluene
Concen: 8.481 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

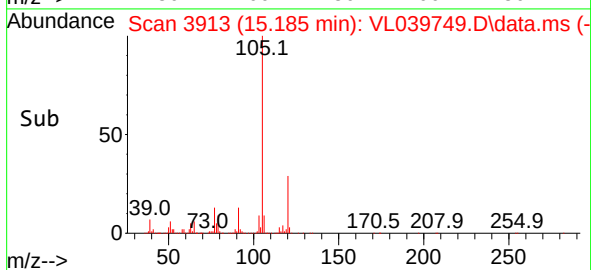
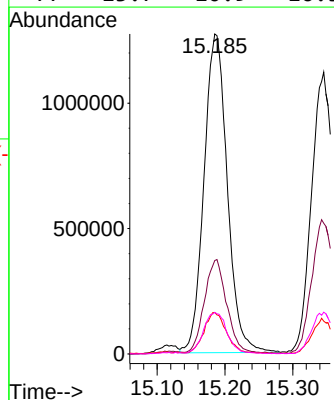
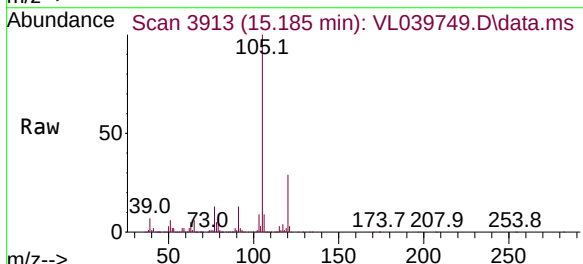
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MSVOA_1
ClientSampleId :
VL1021ABS01

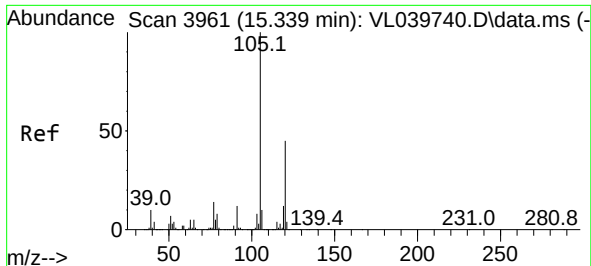
Tgt Ion: 91 Resp: 2751362
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.7



#72
4-Ethyltoluene
Concen: 8.882 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion: 105 Resp: 3034146
Ion Ratio Lower Upper
105 100
120 28.9 23.9 35.9
91 12.6 10.3 15.5
77 13.7 10.9 16.3

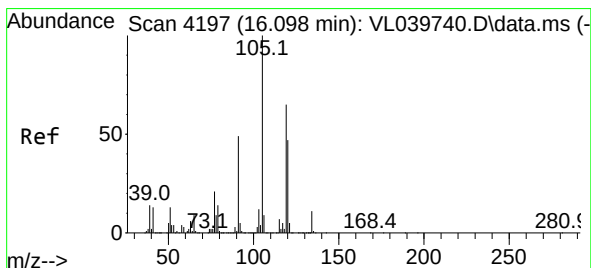
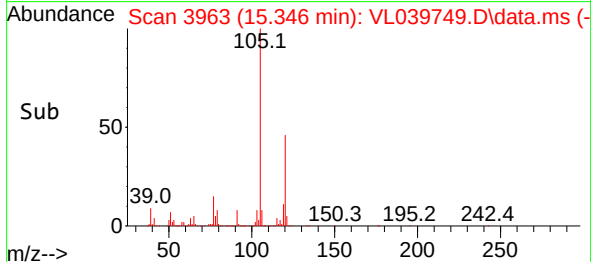
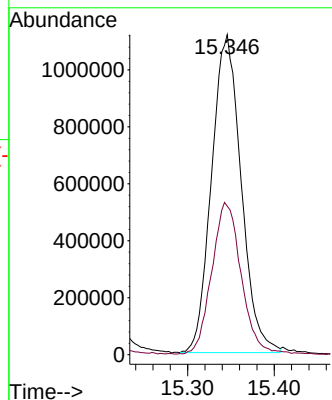
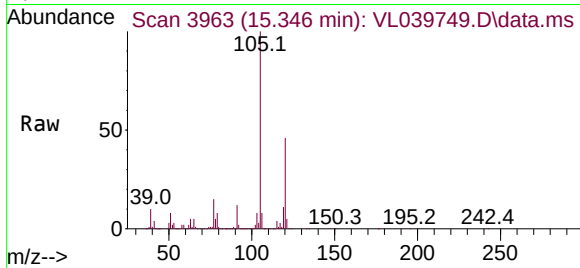




#73
 1,3,5-Trimethylbenzene
 Concen: 8.325 ppbv
 RT: 15.346 min Scan# 3961
 Delta R.T. 0.007 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

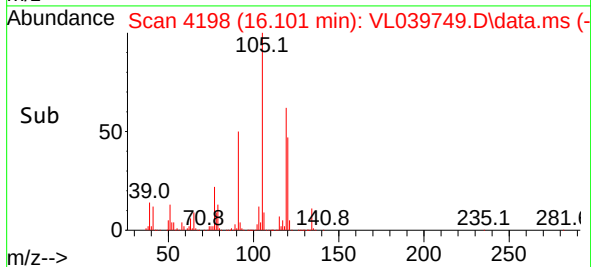
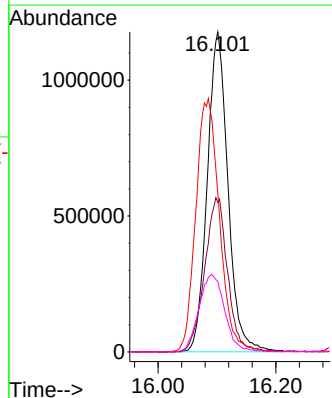
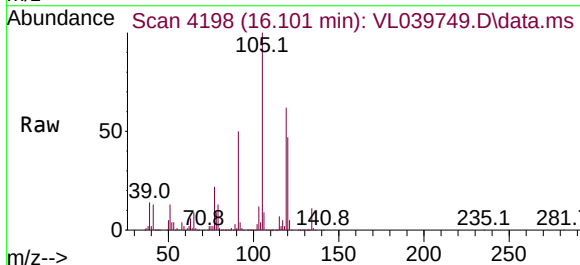
Instrument :
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 ClientSampleId :
 VL1021ABS01

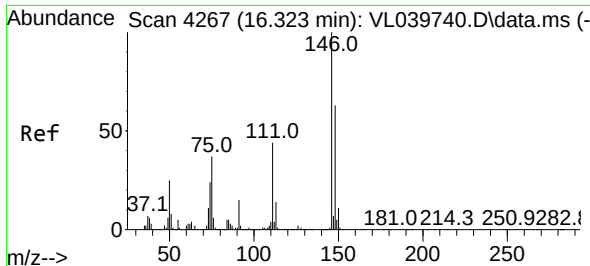
Tgt Ion:105 Resp: 2647506
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.216 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. 0.003 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Tgt Ion:105 Resp: 2870063
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.6 56.4
 91 49.6 40.1 60.1
 77 22.0 17.2 25.8

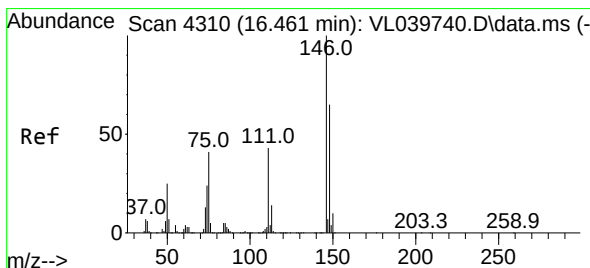
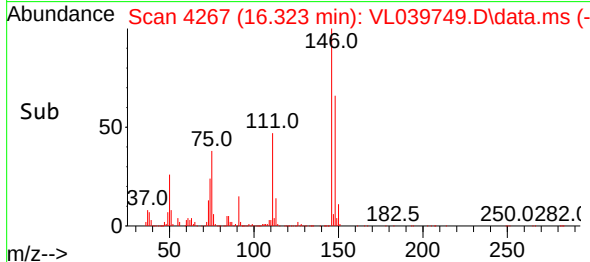
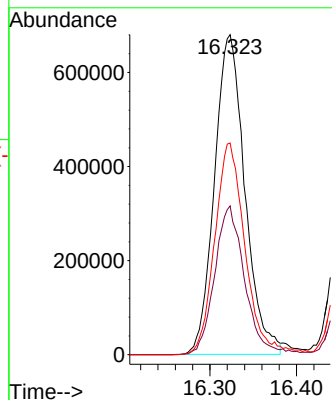
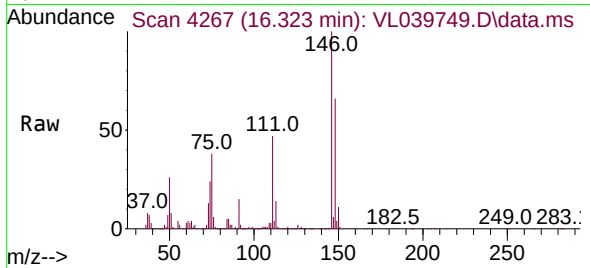




#75
1,3-Dichlorobenzene
Concen: 7.934 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

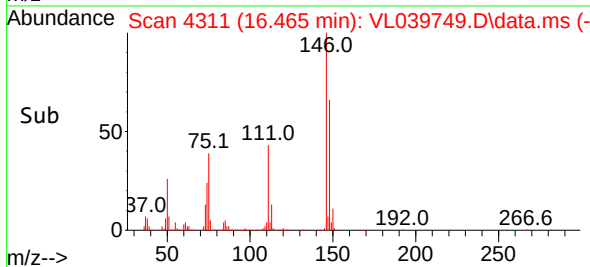
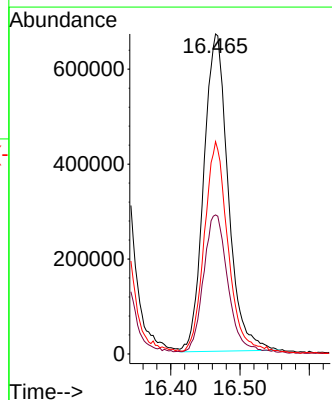
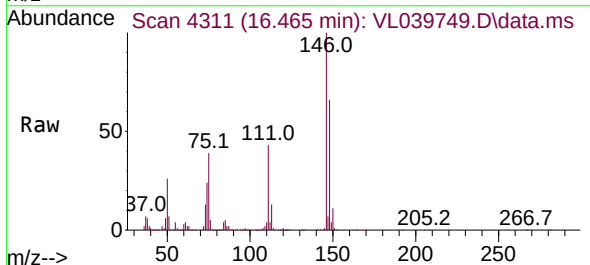
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ClientSampleId :
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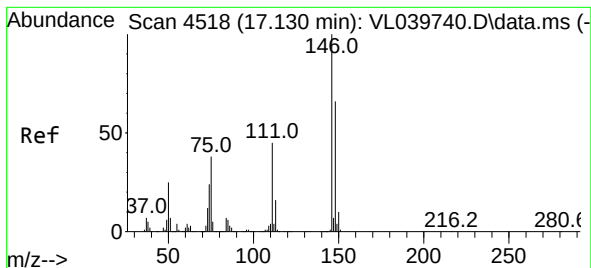
Tgt Ion:146 Resp: 1659781
Ion Ratio Lower Upper
146 100
111 46.0 22.8 68.3
148 66.2 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 8.013 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

Tgt Ion:146 Resp: 1637746
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.5
148 66.0 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 7.746 ppbv

RT: 17.137 min Scan# 4518

Delta R.T. 0.007 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS01

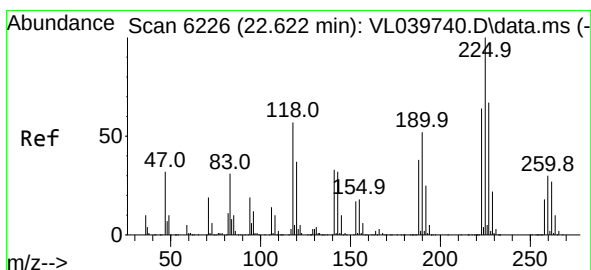
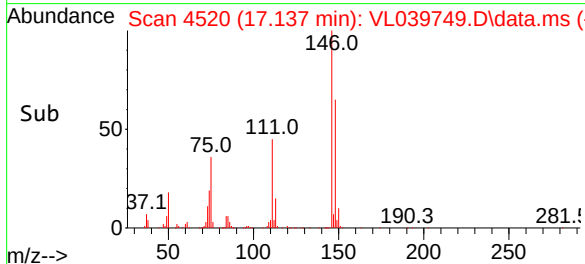
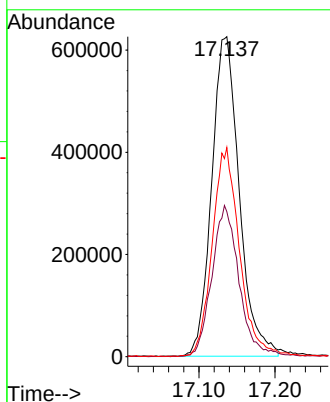
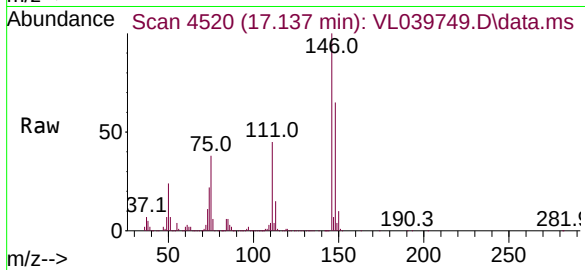
Tgt Ion:146 Resp: 1575077

Ion Ratio Lower Upper

146 100

111 46.8 23.6 70.8

148 64.9 32.8 98.3



#78

Hexachloro-1,3-Butadiene

Concen: 6.948 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.003 min

Lab File: VL039749.D

Acq: 21 Oct 2022 18:38

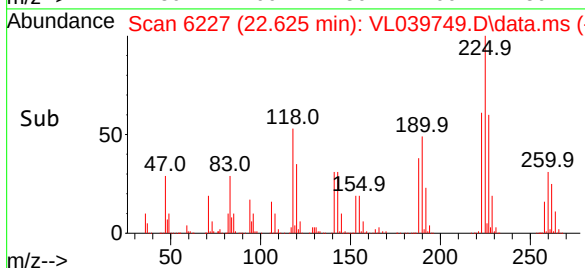
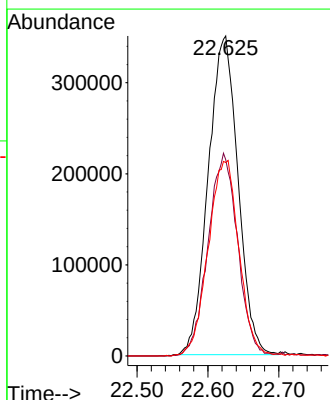
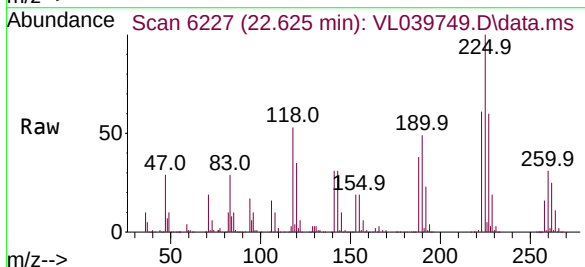
Tgt Ion:225 Resp: 1020768

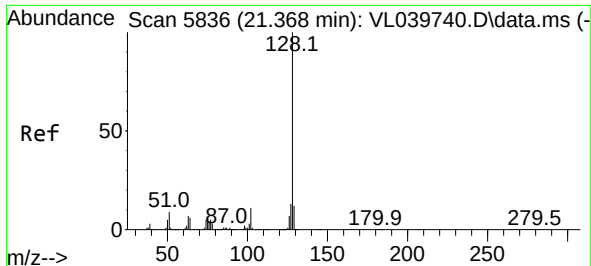
Ion Ratio Lower Upper

225 100

223 64.1 52.4 78.6

227 63.8 52.7 79.1

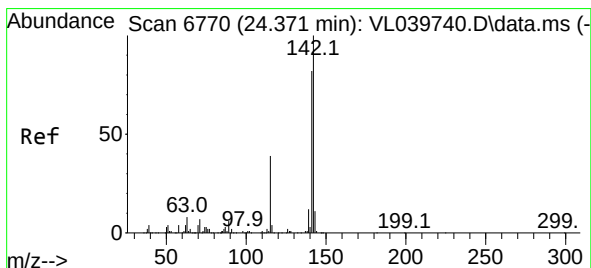
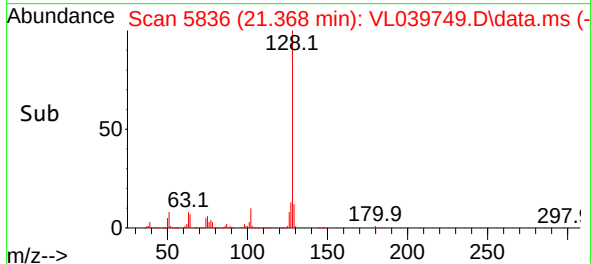
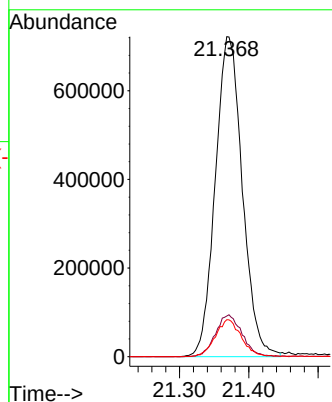
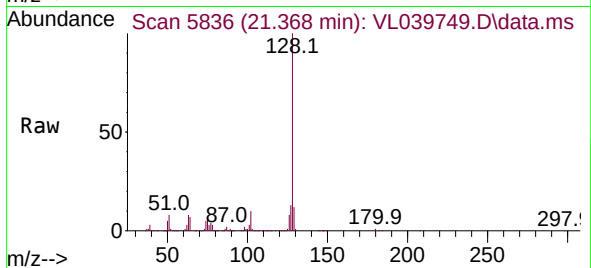




#79
Naphthalene
Concen: 9.585 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

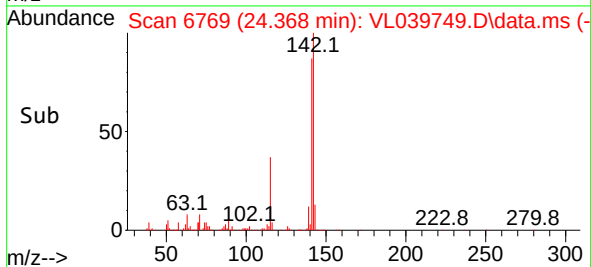
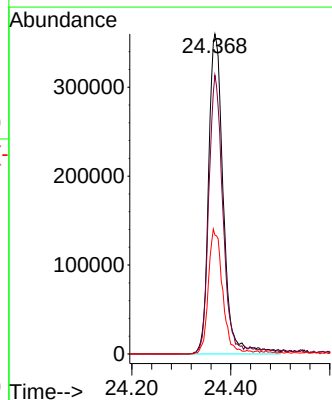
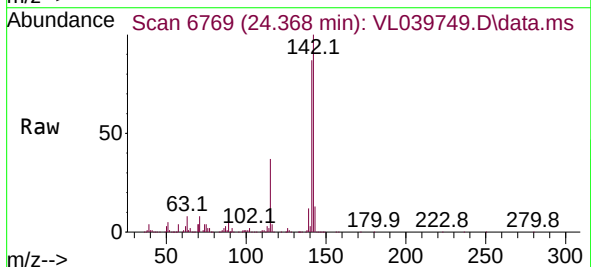
Instrument :
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ClientSampleId :
VL1021ABS01

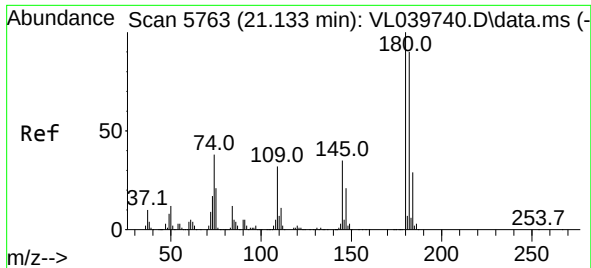
Tgt Ion:128 Resp: 1960226
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 11.6 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 12.089 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039749.D
Acq: 21 Oct 2022 18:38

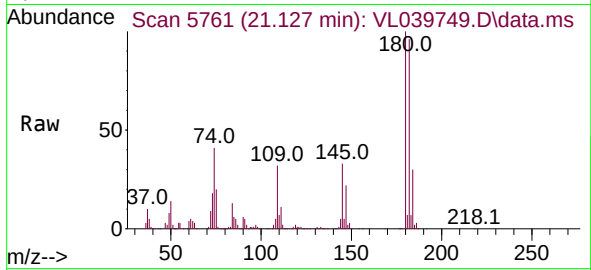
Tgt Ion:142 Resp: 738308
Ion Ratio Lower Upper
142 100
141 85.2 70.0 105.0
115 38.3 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 8.209 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL039749.D
 Acq: 21 Oct 2022 18:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS01



Tgt Ion:180 Resp: 1124792
 Ion Ratio Lower Upper
 180 100
 182 95.6 0.0 0.0#
 184 30.5 0.0 0.0#

