

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039738.D
 Acq On : 18 Oct 2022 10:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 19 05:10:32 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1063574	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2806739	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2631566	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.802 95 1949720 9.925 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.767	85	1870211	15.168	ppbv	99
3) Chlorodifluoromethane	2.709	51	1169710	9.268	ppbv	96
4) Chloromethane	2.848	50	716363	9.405	ppbv	98
5) Vinyl Chloride	2.957	62	615748	9.699	ppbv	100
6) Bromomethane	3.156	94	223132	9.530	ppbv	97
7) Chloroethane	3.234	64	230119	9.912	ppbv	94
8) Dichlorotetrafluoroethane	2.893	85	1509868	10.208	ppbv	95
9) Propene	2.729	41	550896	9.557	ppbv	98
10) Heptane	7.610	43	1368054	10.170	ppbv	98
11) Trichlorofluoromethane	3.597	101	1441100	9.438	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.102	101	1116114	9.677	ppbv	98
13) Ethanol	3.285	45	12140	2.764	ppbv #	35
14) Bromoethene	3.404	108	436852	9.488	ppbv	96
15) Acetone	3.504	43	1119617	9.460	ppbv	100
16) 1,3-Butadiene	3.021	39	606204	10.097	ppbv	97
17) tert-Butyl alcohol	3.912	59	910160	8.570	ppbv	99
18) 1,1-Dichloroethene	3.915	96	508319	10.017	ppbv	98
19) Isopropyl Alcohol	3.613	45	489349	8.112	ppbv	100
20) Methylene Chloride	3.970	84	430150	7.861	ppbv	97
21) Allyl Chloride	4.034	41	790632	9.811	ppbv	99
22) trans-1,2-Dichloroethene	4.481	96	523015	10.419	ppbv	97
23) Vinyl Acetate	4.661	43	486447	9.092	ppbv	98
24) 1,1-Dichloroethane	4.600	63	1053355	9.887	ppbv	99
25) Ethyl Acetate	5.240	43	2446935	9.482	ppbv	100
26) Hexane	5.243	57	987831	9.020	ppbv	95
27) Carbon Disulfide	4.160	76	1255859	10.912	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	852943	9.270	ppbv	99
29) Chloroform	5.307	83	1524980	9.646	ppbv	100
30) Cyclohexane	6.632	84	850730	10.031	ppbv	96
31) cis-1,2-Dichloroethene	5.111	61	970114	9.794	ppbv	98
32) 1,1,1-Trichloroethane	6.034	97	1455285	10.168	ppbv	98
34) 2-Butanone	4.822	43	1272133	9.228	ppbv	96
35) Carbon Tetrachloride	6.526	117	1559472	10.466	ppbv	98
36) Benzene	6.404	78	2089983	9.740	ppbv	96
37) 1,2-Dichloroethane	5.841	62	1142272	9.780	ppbv	99
38) Trichloroethene	7.323	130	1201174	10.358	ppbv	98
39) 1,2-Dichloropropane	7.105	63	794088	9.583	ppbv	94
40) 1,4-Dioxane	7.314	88	274239	8.105	ppbv #	1
41) Tetrahydrofuran	5.590	42	860338	10.172	ppbv	95
42) Bromodichloromethane	7.278	83	1636616	10.075	ppbv	98
43) Methyl Methacrylate	7.507	69	815616	10.427	ppbv	96
44) 2,2,4-Trimethylpentane	7.359	57	3566200	9.642	ppbv	99
45) t-1,3-Dichloropropene	8.738	75	752344	11.382	ppbv	95

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

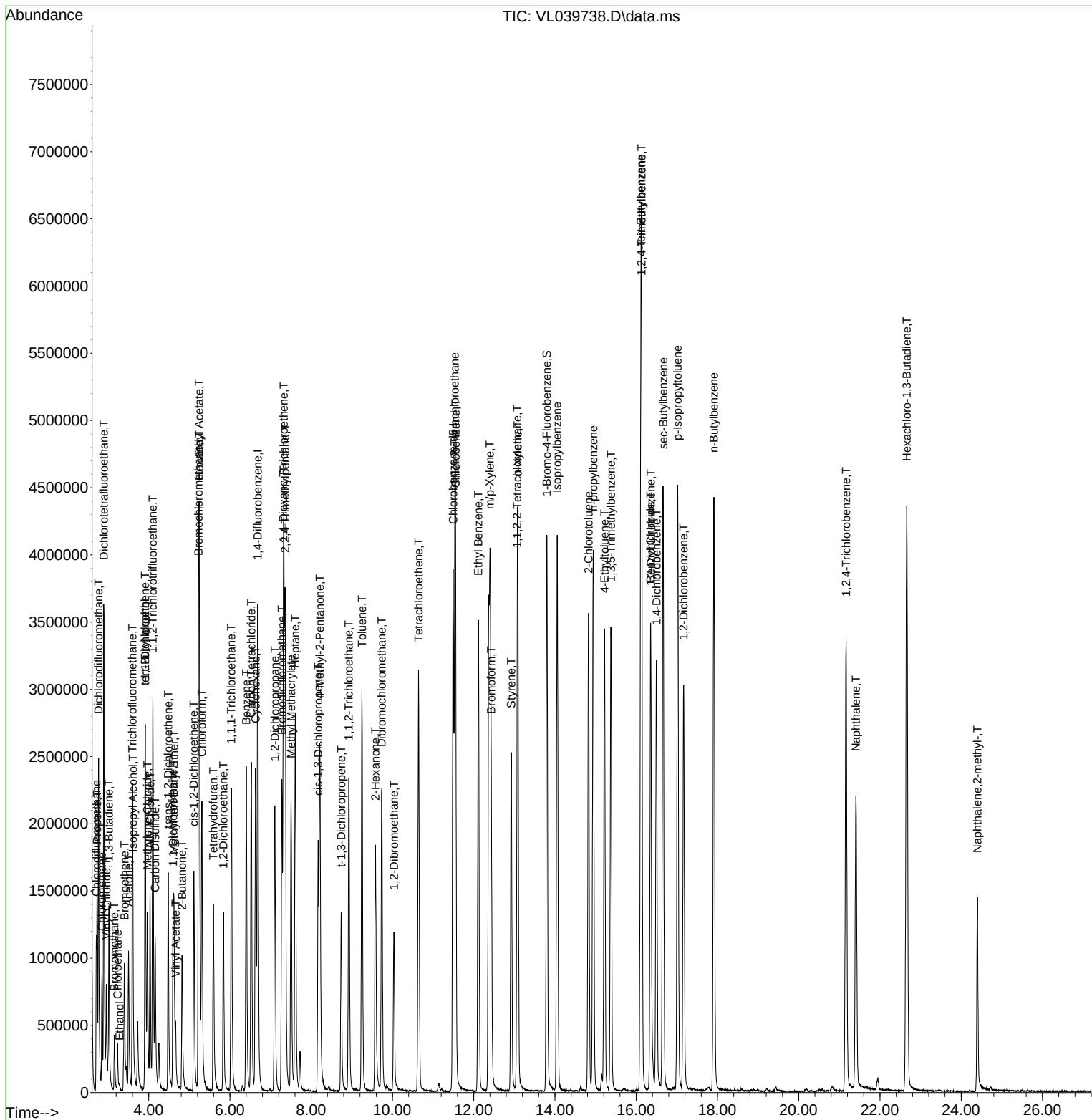
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

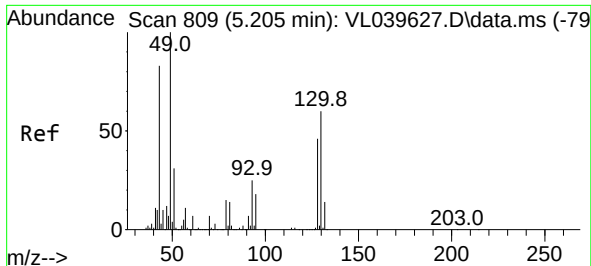
Quant Time: Oct 19 05:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1052306	11.183	ppbv	100
47) 1,1,2-Trichloroethane	8.925	97	853585	9.424	ppbv	98
48) Dibromochloromethane	9.735	129	1413998	10.368	ppbv	99
49) Bromoform	12.433	173	1156218	10.250	ppbv	98
50) 4-Methyl-2-Pentanone	8.211	43	2246650	10.371	ppbv	98
51) 2-Hexanone	9.581	43	1741935	10.863	ppbv #	98
52) Tetrachloroethene	10.645	164	779321	9.519	ppbv	95
53) Toluene	9.249	91	2467042	10.337	ppbv	99
54) 1,2-Dibromoethane	10.037	107	993207	10.251	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.532	131	1032642	9.710	ppbv	98
57) Chlorobenzene	11.555	112	1847762	9.549	ppbv	96
58) Ethyl Benzene	12.114	91	3212625	10.588	ppbv	98
59) m/p-Xylene	12.397	91	3167636	11.731	ppbv #	49
60) o-Xylene	13.085	91	2590168	10.045	ppbv	100
61) Styrene	12.925	104	1535703	11.058	ppbv	98
62) Isopropylbenzene	14.053	105	3744045	9.649	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.072	83	960803	9.341	ppbv	99
64) n-propylbenzene	14.944	120	972794	9.790	ppbv	97
65) tert-Butylbenzene	16.114	119	3273473	9.549	ppbv	98
66) Benzyl Chloride	16.352	91	161312	5.910	ppbv #	86
67) sec-Butylbenzene	16.664	105	4574206	9.513	ppbv	98
69) p-Isopropyltoluene	17.021	119	3799177	9.616	ppbv	100
70) n-Butylbenzene	17.911	91	3830462	9.890	ppbv	99
71) 2-Chlorotoluene	14.828	91	2749676	9.815	ppbv	99
72) 4-Ethyltoluene	15.220	105	3022722	10.268	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2721690	10.104	ppbv	98
74) 1,2,4-Trimethylbenzene	16.133	105	2898873	9.601	ppbv	97
75) 1,3-Dichlorobenzene	16.358	146	1732002	9.614	ppbv	99
76) 1,4-Dichlorobenzene	16.500	146	1690706	9.381	ppbv	98
77) 1,2-Dichlorobenzene	17.169	146	822445	4.681	ppbv #	21
78) Hexachloro-1,3-Butadiene	22.657	225	1329297	9.902	ppbv	99
79) Naphthalene	21.407	128	2760489	13.853	ppbv	100
80) Naphthalene,2-methyl-	24.397	142	913285	12.190	ppbv	97
81) 1,2,4-Trichlorobenzene	21.165	180	1545990	11.812	ppbv	99

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

Quant Time: Oct 19 05:10:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
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QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

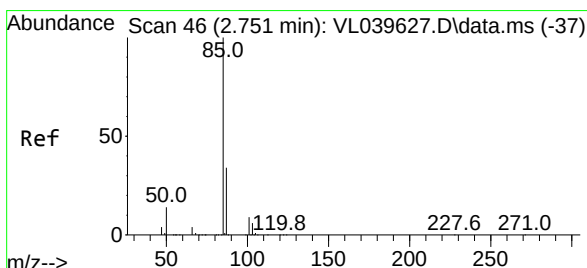
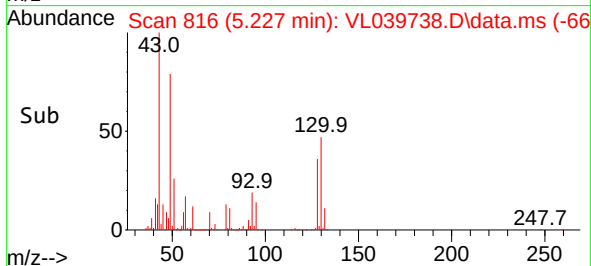
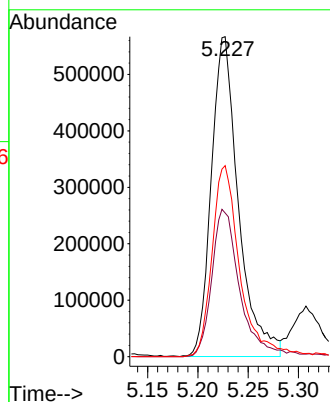
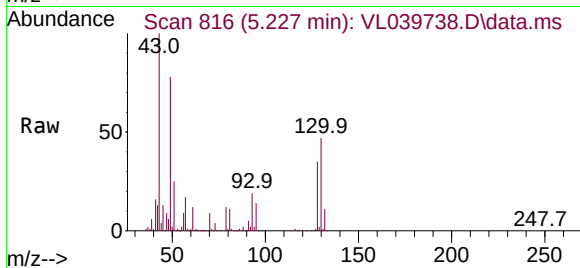




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

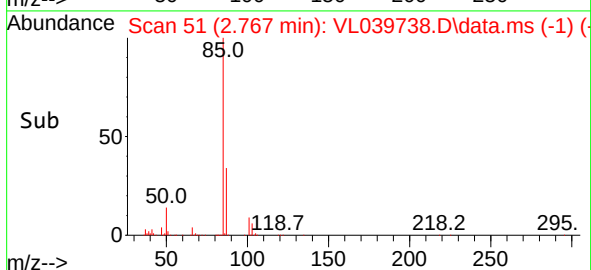
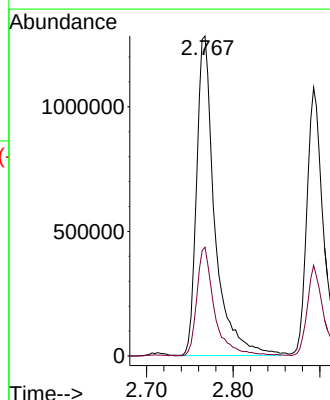
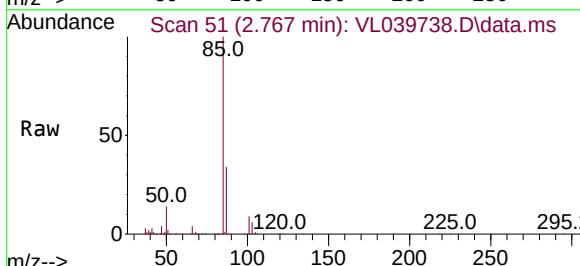
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

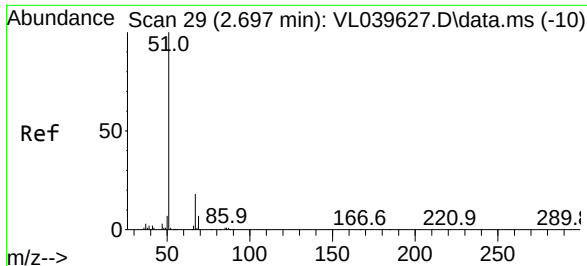
Tgt Ion: 49 Resp: 1063574
Ion Ratio Lower Upper
49 100
128 48.7 26.7 80.0
130 62.4 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 15.168 ppbv
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 85 Resp: 1870211
Ion Ratio Lower Upper
85 100
87 33.9 26.7 40.1

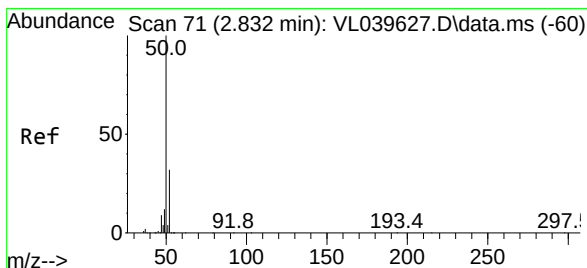
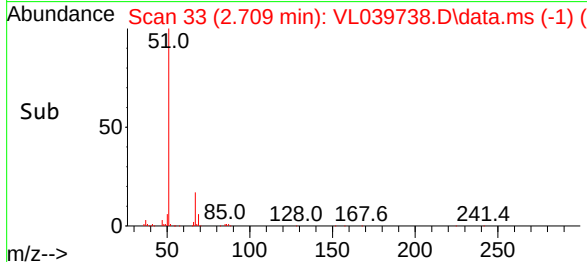
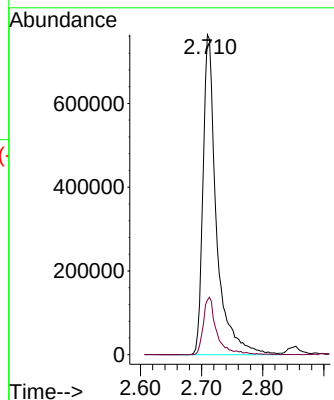
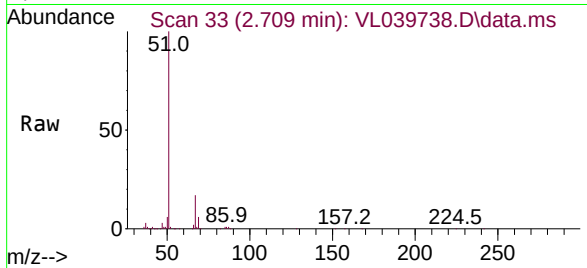




#3
Chlorodifluoromethane
Concen: 9.268 ppbv
RT: 2.709 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

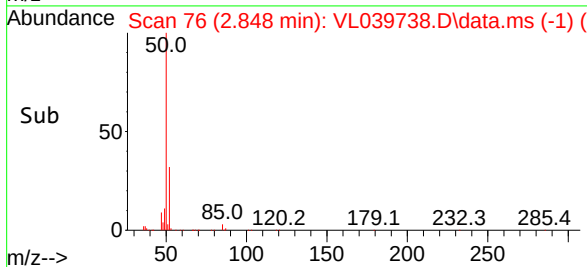
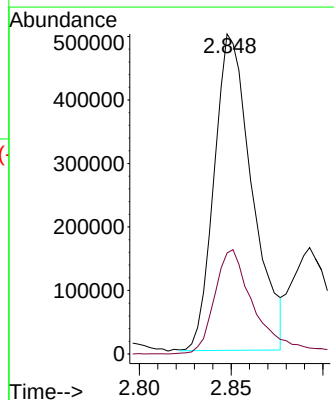
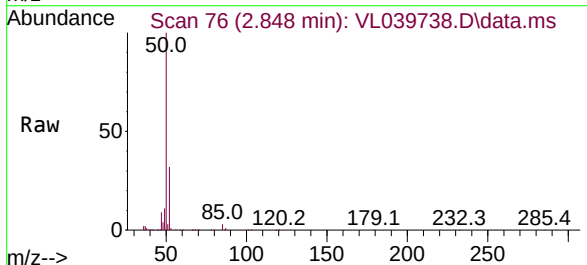
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ClientSampleId :
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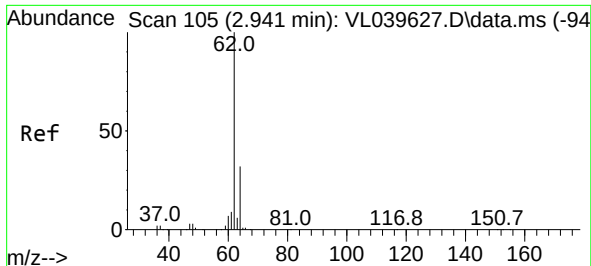
Tgt Ion: 51 Resp: 1169710
Ion Ratio Lower Upper
51 100
67 18.0 15.7 23.5



#4
Chloromethane
Concen: 9.405 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 50 Resp: 716363
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

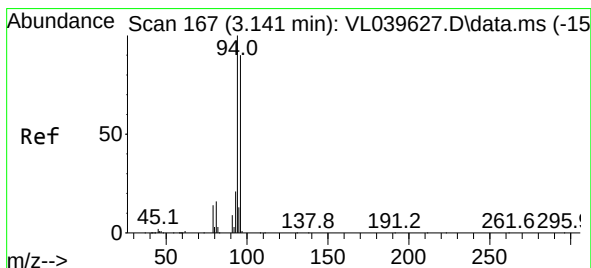
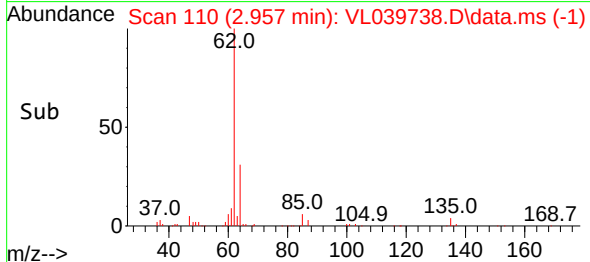
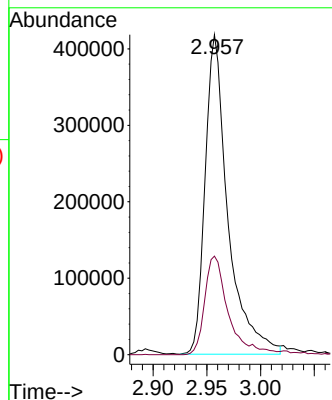
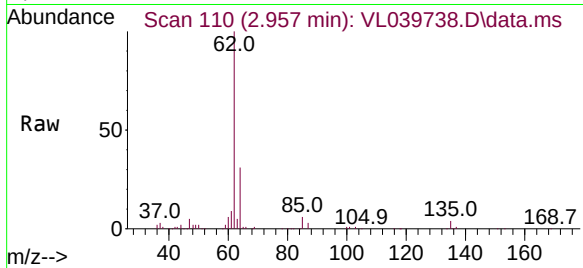




#5
 Vinyl Chloride
 Concen: 9.699 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

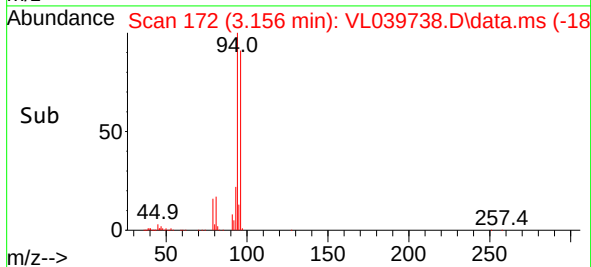
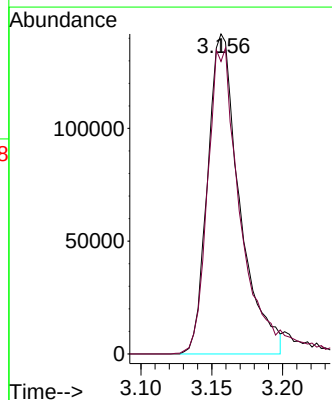
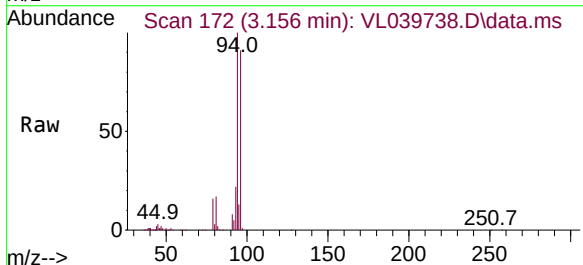
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

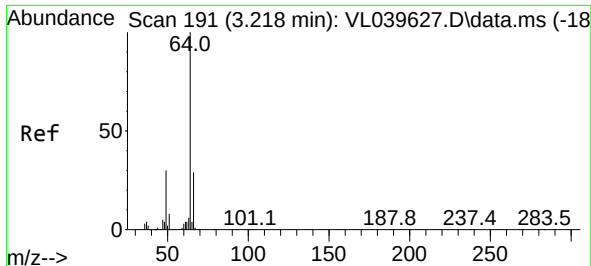
Tgt Ion: 62 Resp: 615748
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.6 36.8



#6
 Bromomethane
 Concen: 9.530 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. -0.003 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 94 Resp: 223132
 Ion Ratio Lower Upper
 94 100
 96 91.1 75.6 113.4

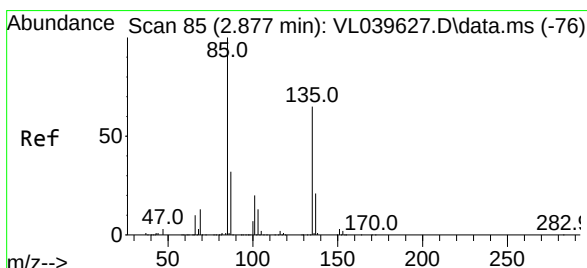
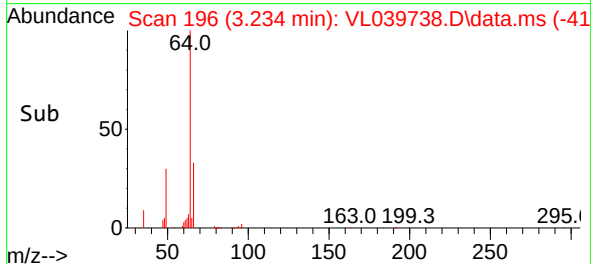
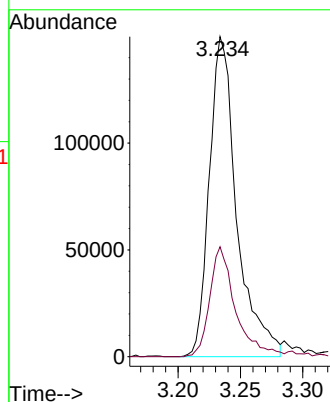
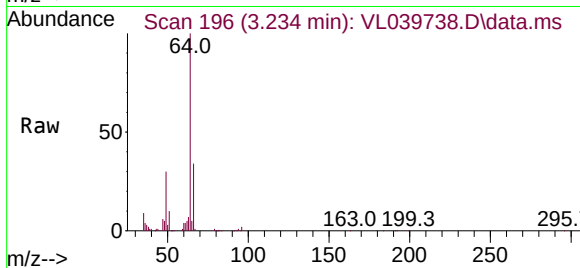




#7
Chloroethane
Concen: 9.912 ppbv
RT: 3.234 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

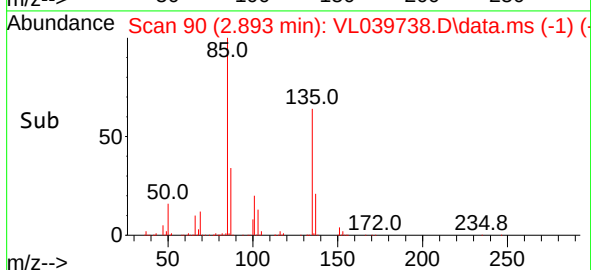
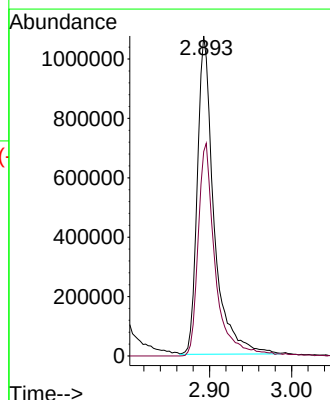
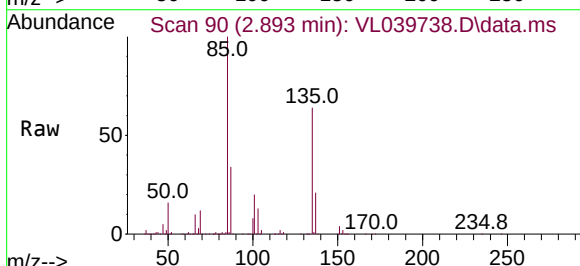
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ClientSampleId :
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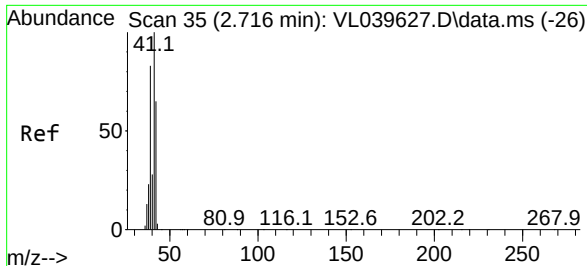
Tgt Ion: 64 Resp: 230119
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 10.208 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 85 Resp: 1509868
Ion Ratio Lower Upper
85 100
135 69.4 59.0 88.4

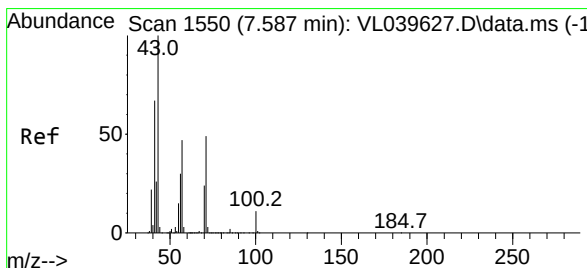
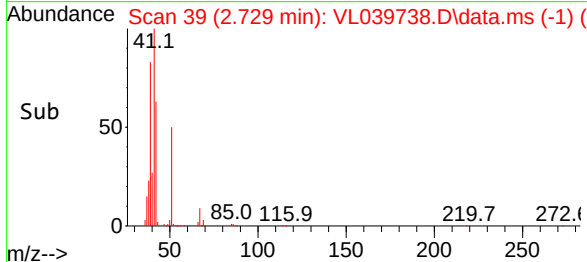
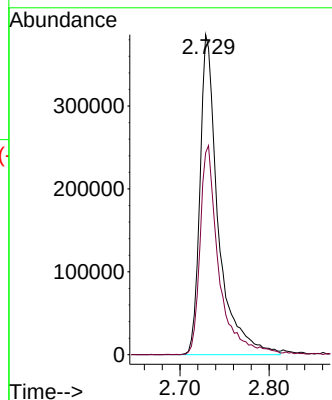
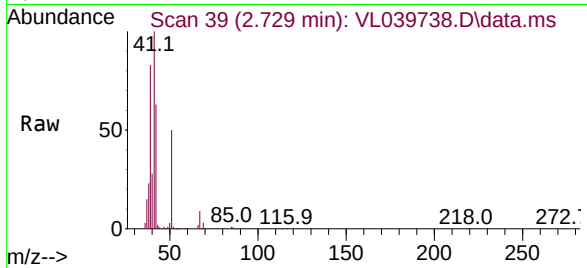




#9
 Propene
 Concen: 9.557 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. -0.003 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

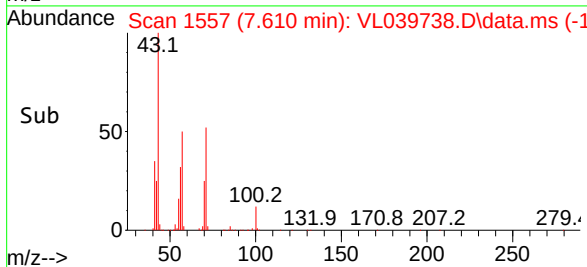
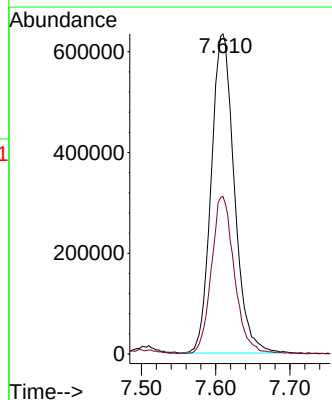
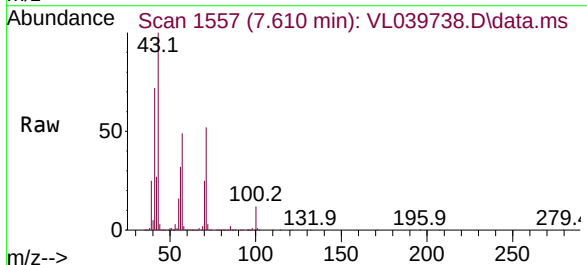
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

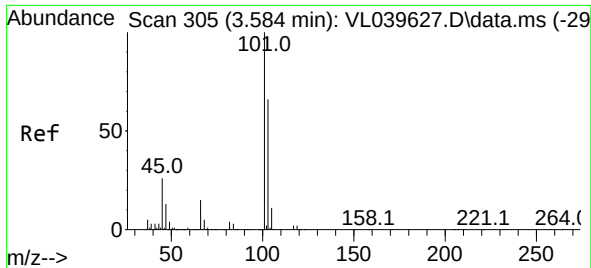
Tgt Ion: 41 Resp: 550896
 Ion Ratio Lower Upper
 41 100
 42 67.4 55.2 82.8



#10
 Heptane
 Concen: 10.170 ppbv
 RT: 7.610 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 43 Resp: 1368054
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.5 60.7

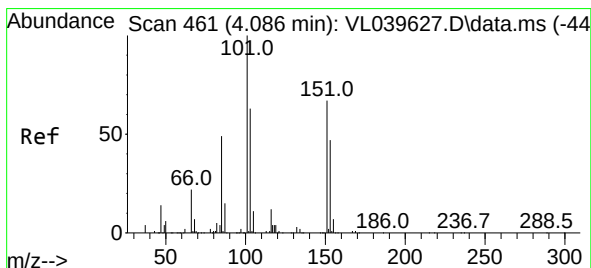
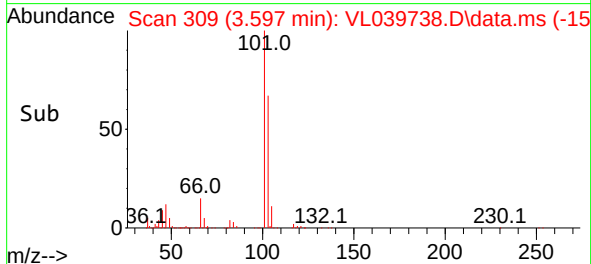
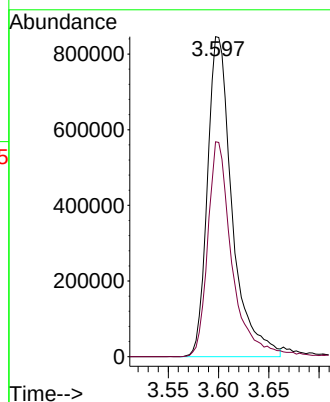
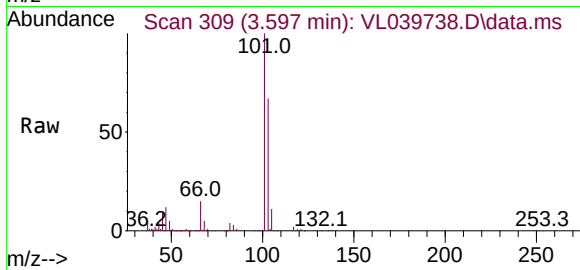




#11
Trichlorofluoromethane
Concen: 9.438 ppbv
RT: 3.597 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

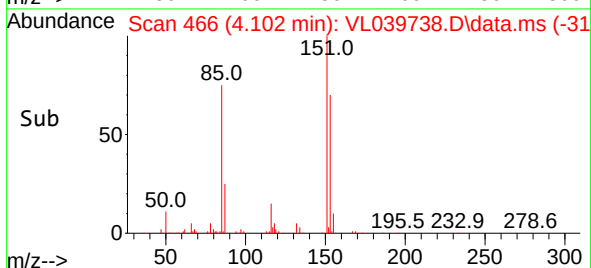
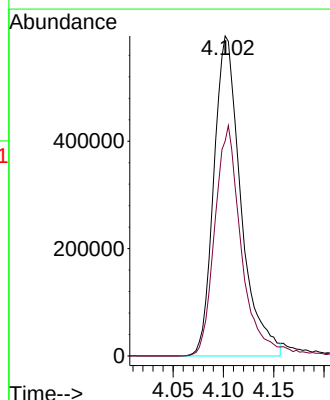
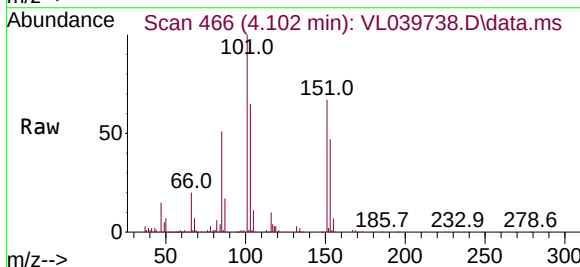
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

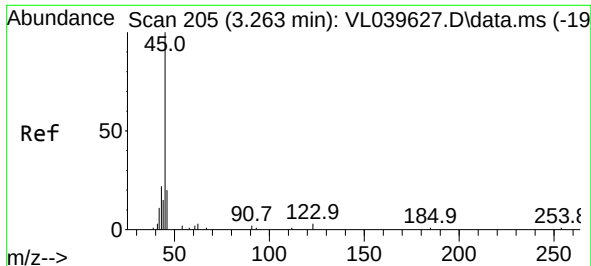
Tgt Ion:101 Resp: 1441100
Ion Ratio Lower Upper
101 100
103 67.2 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.677 ppbv
RT: 4.102 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:101 Resp: 1116114
Ion Ratio Lower Upper
101 100
151 72.3 58.9 88.3

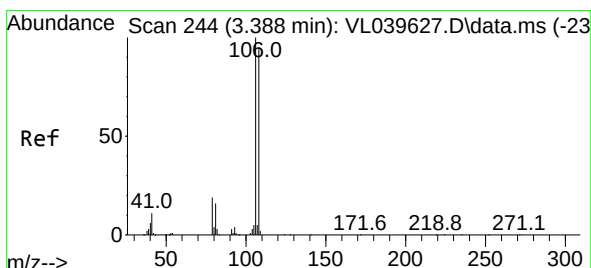
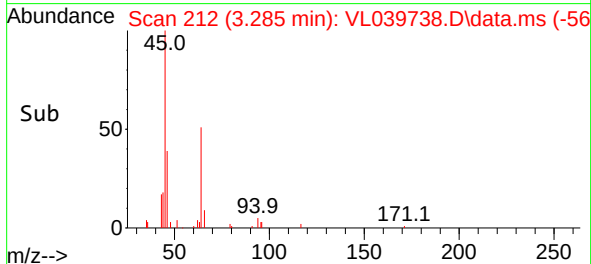
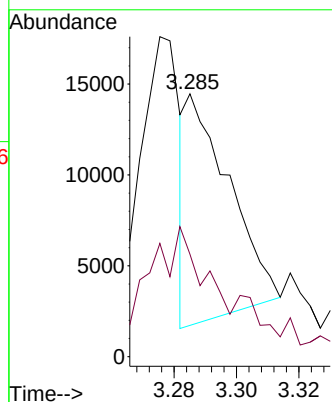
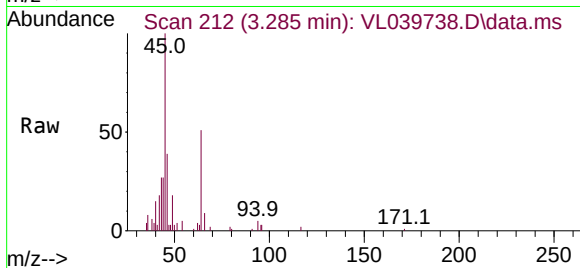




#13
Ethanol
Concen: 2.764 ppbv
RT: 3.285 min Scan# 212
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

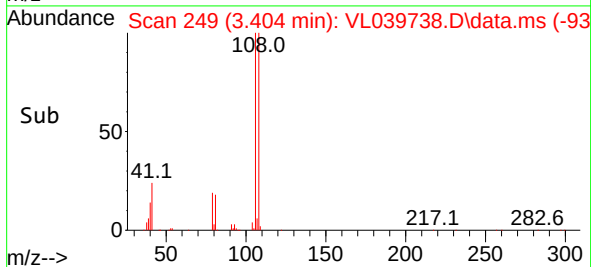
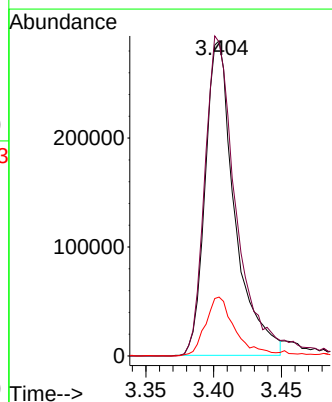
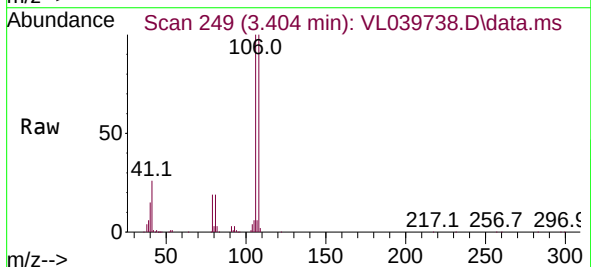
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

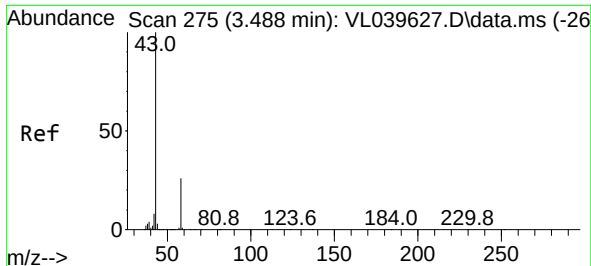
Tgt Ion: 45 Resp: 12140
Ion Ratio Lower Upper
45 100
46 105.0 22.8 91.2#



#14
Bromoethene
Concen: 9.488 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 108 Resp: 436852
Ion Ratio Lower Upper
108 100
106 112.5 87.1 130.7
79 20.4 14.6 22.0

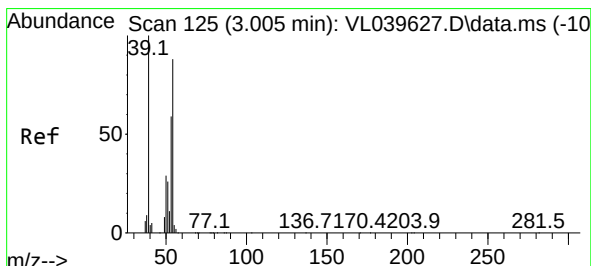
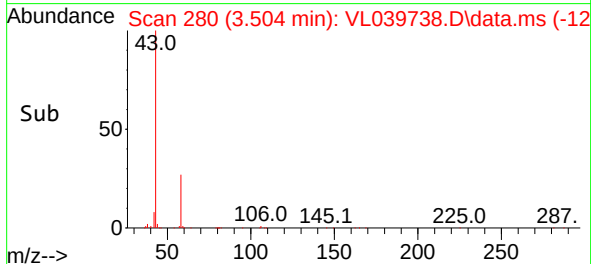
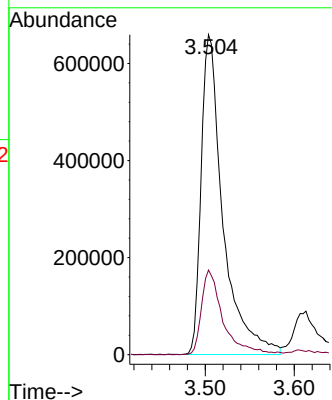
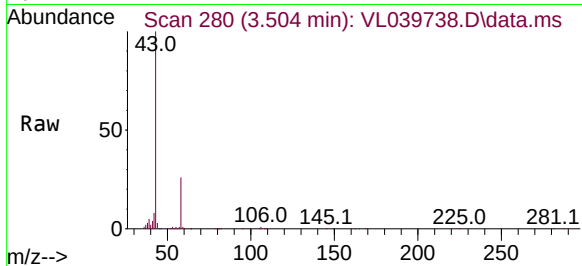




#15
Acetone
Concen: 9.460 ppbv
RT: 3.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

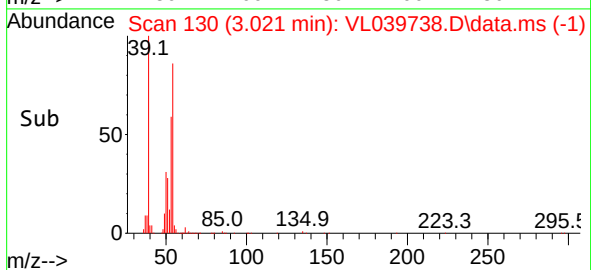
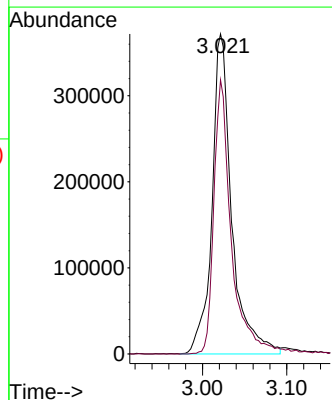
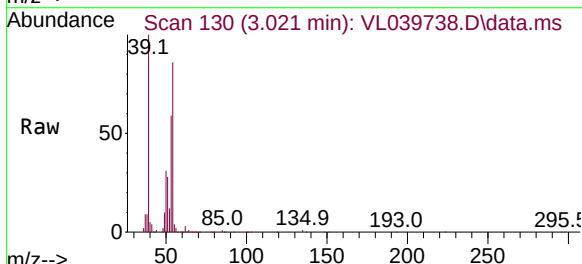
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

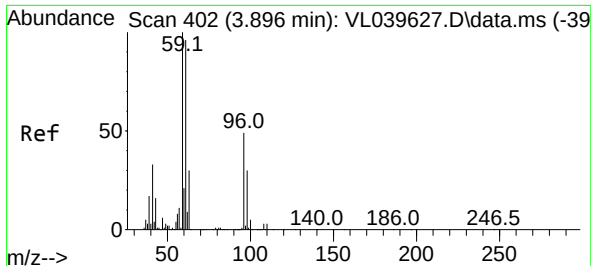
Tgt Ion: 43 Resp: 1119617
Ion Ratio Lower Upper
43 100
58 26.2 21.0 31.6



#16
1,3-Butadiene
Concen: 10.097 ppbv
RT: 3.021 min Scan# 130
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 39 Resp: 606204
Ion Ratio Lower Upper
39 100
54 77.0 63.7 95.5





#17

tert-Butyl alcohol

Concen: 8.570 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

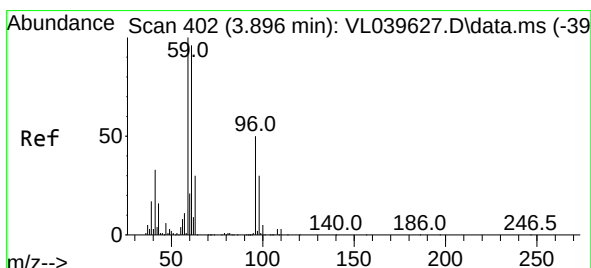
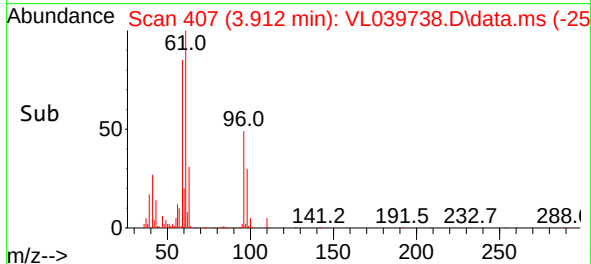
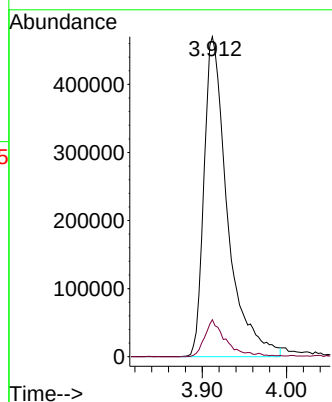
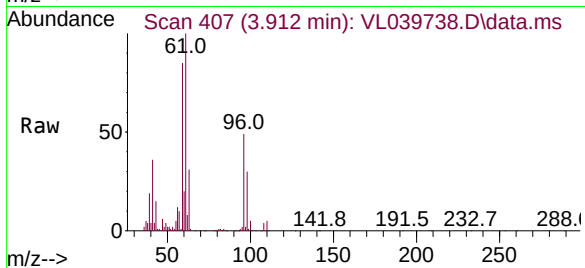
VSTDCCC010EC

Tgt Ion: 59 Resp: 910160

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.017 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

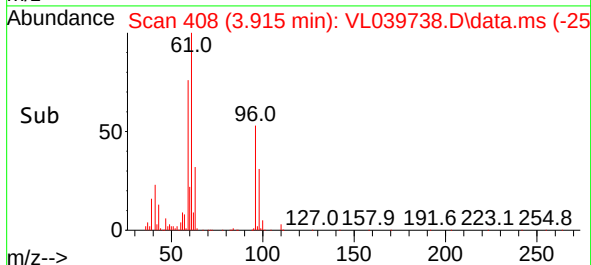
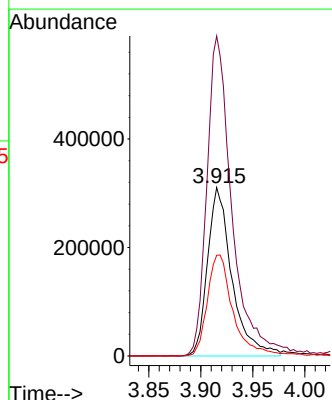
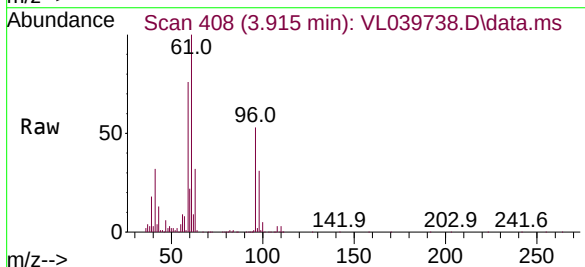
Tgt Ion: 96 Resp: 508319

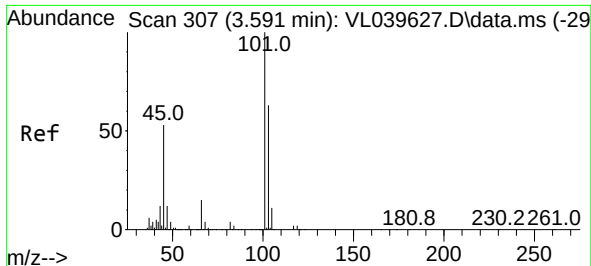
Ion Ratio Lower Upper

96 100

61 189.8 152.2 228.4

98 59.7 51.8 77.6

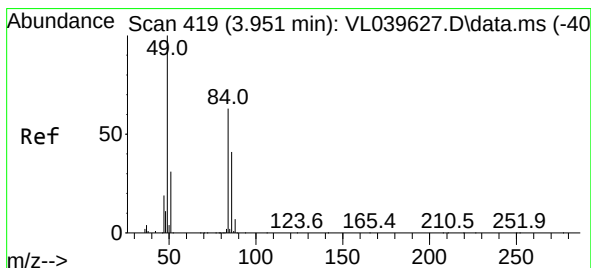
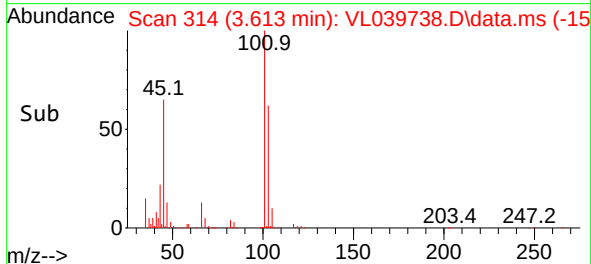
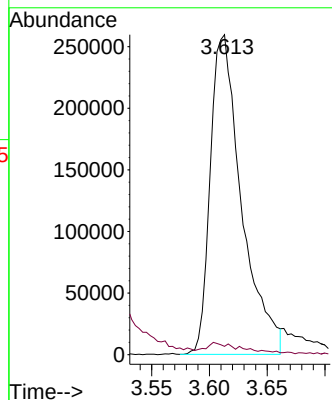
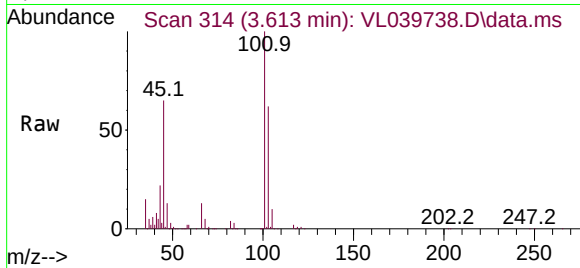




#19
Isopropyl Alcohol
Concen: 8.112 ppbv
RT: 3.613 min Scan# 314
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

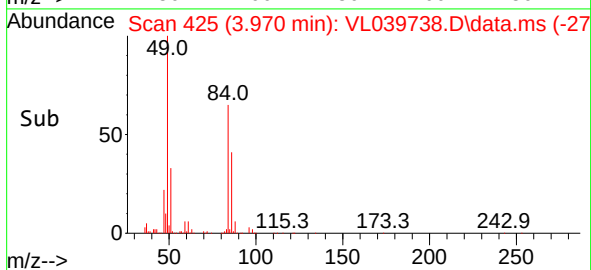
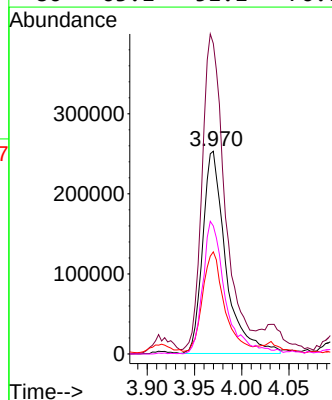
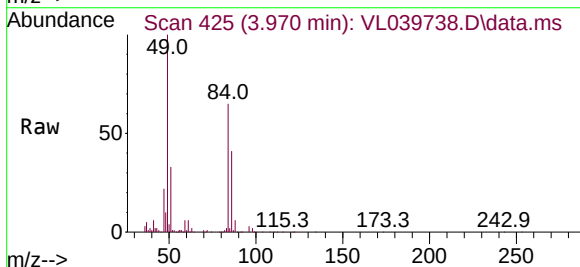
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

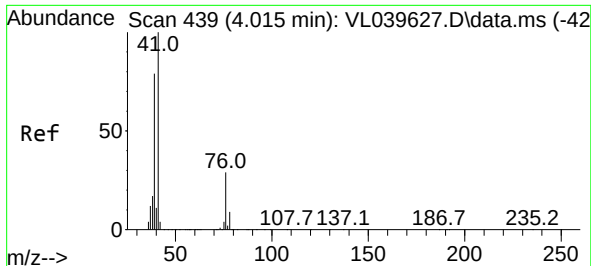
Tgt Ion: 45 Resp: 489349
Ion Ratio Lower Upper
45 100
58 4.1 3.2 4.8



#20
Methylene Chloride
Concen: 7.861 ppbv
RT: 3.970 min Scan# 425
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 84 Resp: 430150
Ion Ratio Lower Upper
84 100
49 151.4 123.1 184.7
51 48.3 34.4 51.6
86 63.1 51.1 76.7

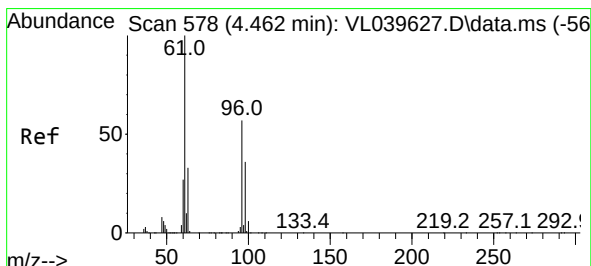
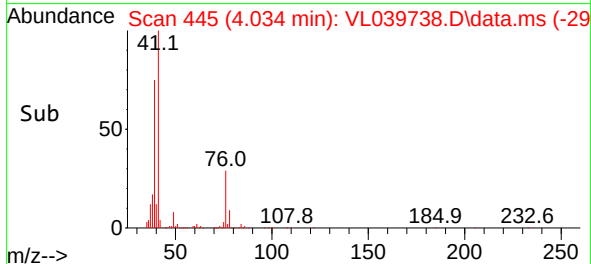
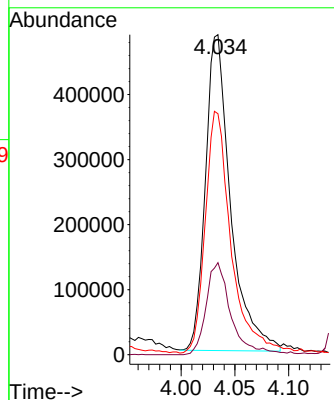
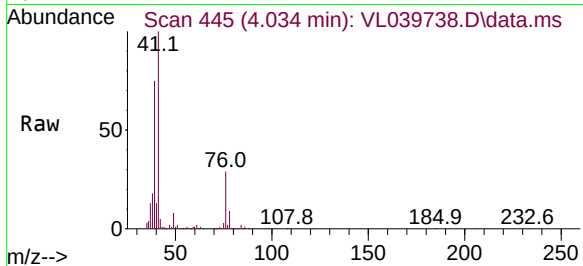




#21
 Allyl Chloride
 Concen: 9.811 ppbv
 RT: 4.034 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

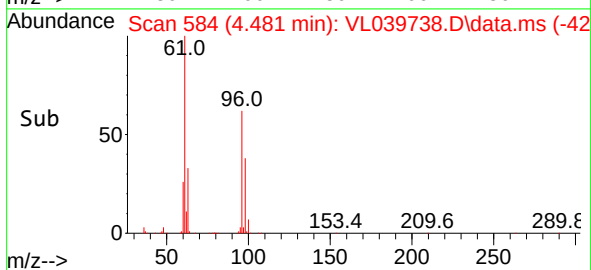
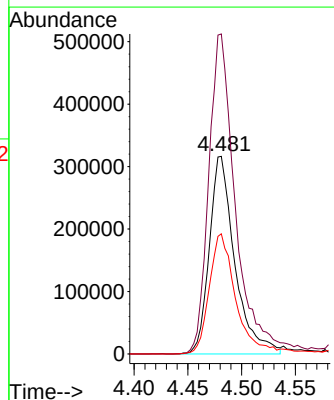
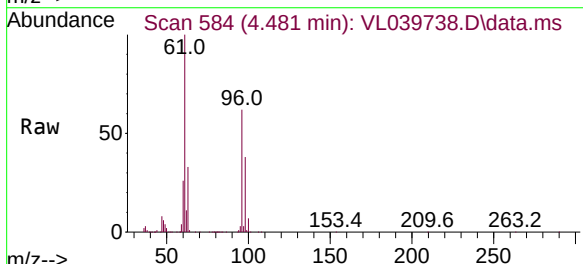
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

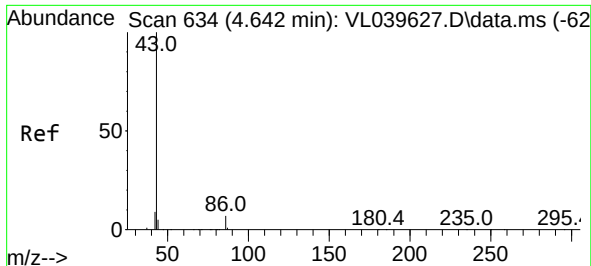
Tgt Ion: 41 Resp: 790632
 Ion Ratio Lower Upper
 41 100
 76 28.7 24.4 36.6
 39 79.4 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 10.419 ppbv
 RT: 4.481 min Scan# 584
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 96 Resp: 523015
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.6 195.8
 98 60.7 53.4 80.0



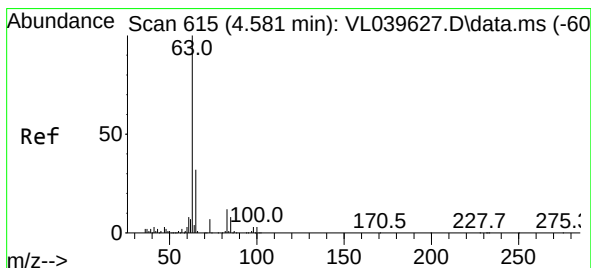
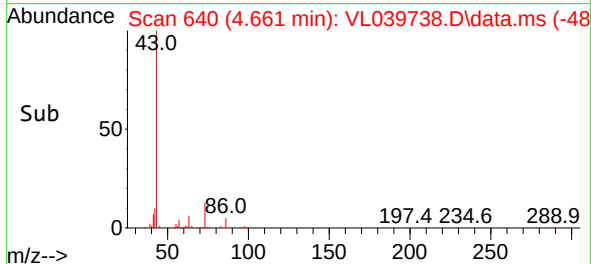
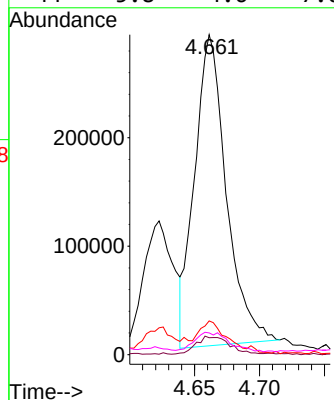
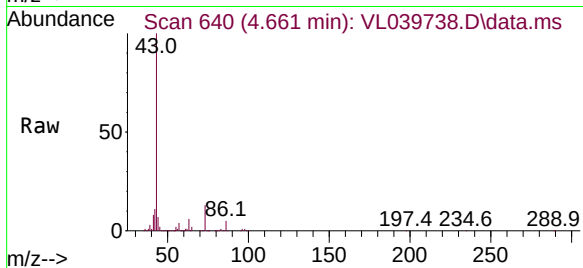


#23
 Vinyl Acetate
 Concen: 9.092 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 486447

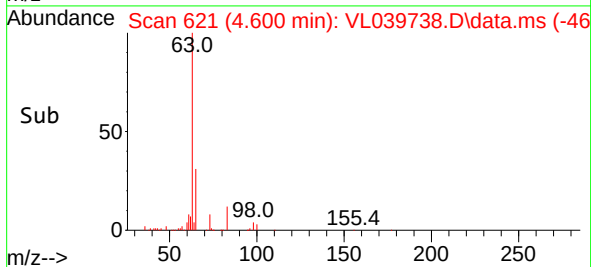
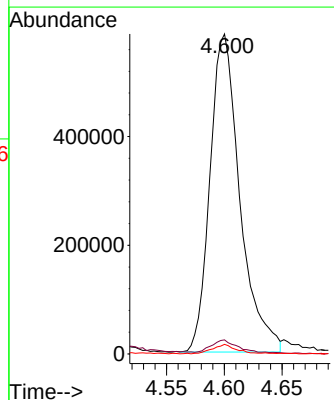
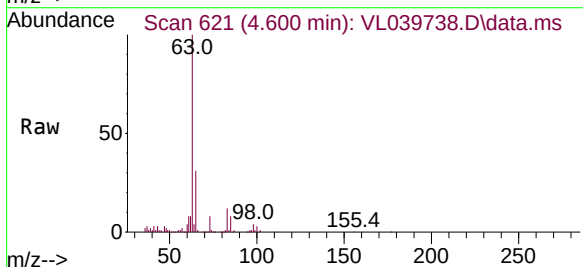
Ion	Ratio	Lower	Upper
43	100		
86	5.2	5.0	7.6
42	10.8	7.7	11.5
44	5.8	4.6	7.0

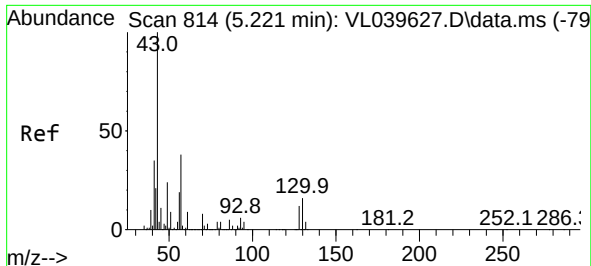


#24
 1,1-Dichloroethane
 Concen: 9.887 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 63 Resp: 1053355

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.3
100	3.0	1.5	4.4





#25

Ethyl Acetate

Concen: 9.482 ppbv

RT: 5.240 min Scan# 814

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2446935

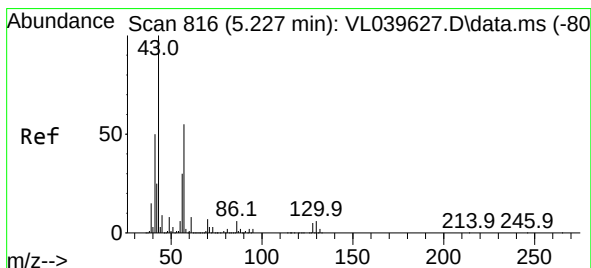
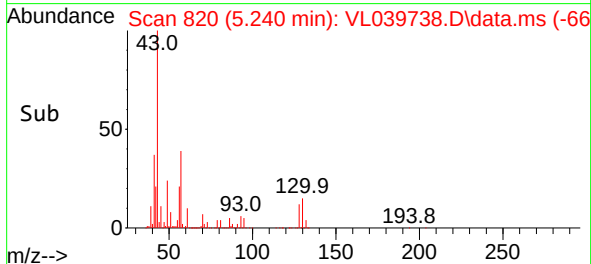
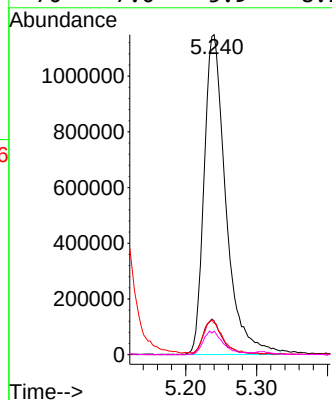
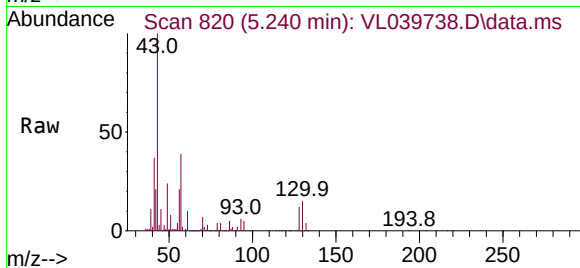
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.3 8.3 12.5

70 7.0 5.9 8.9



#26

Hexane

Concen: 9.020 ppbv

RT: 5.243 min Scan# 821

Delta R.T. -0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion: 57 Resp: 987831

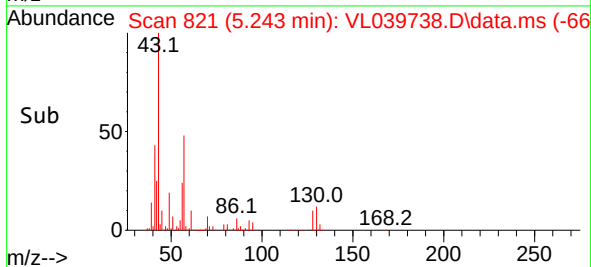
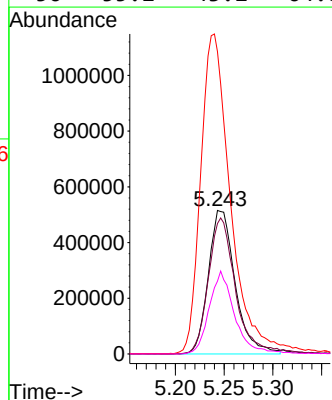
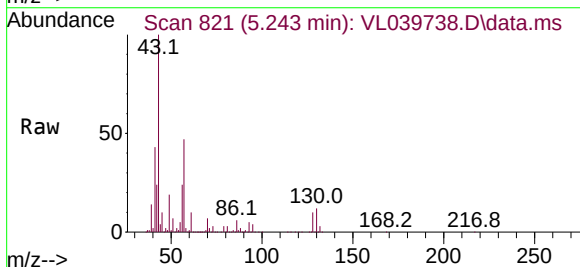
Ion Ratio Lower Upper

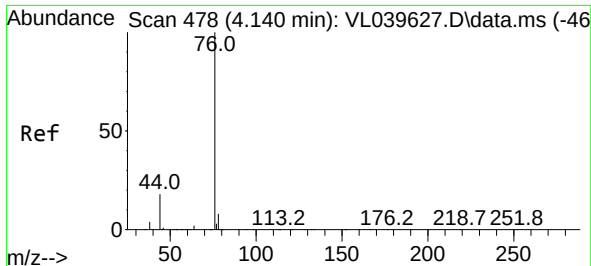
57 100

41 97.8 76.9 115.3

43 250.4 191.0 286.6

56 55.2 43.2 64.8

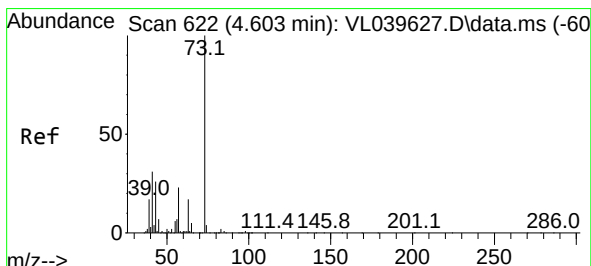
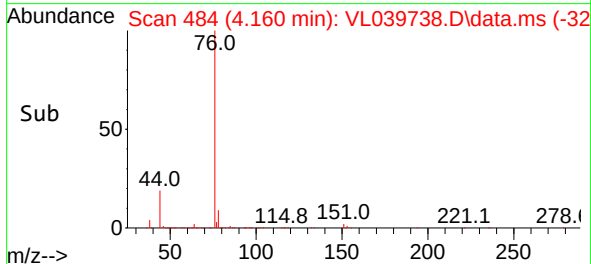
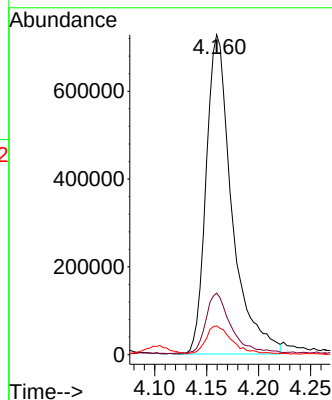
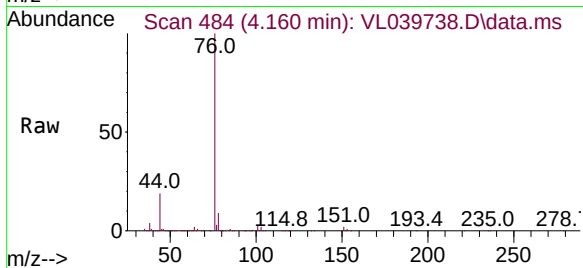




#27
Carbon Disulfide
Concen: 10.912 ppbv
RT: 4.160 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

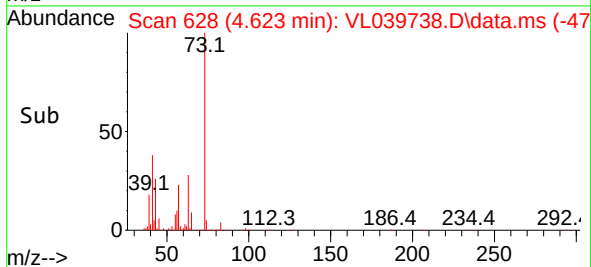
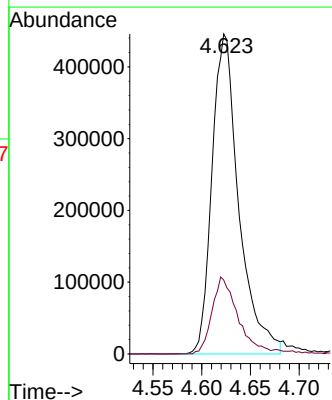
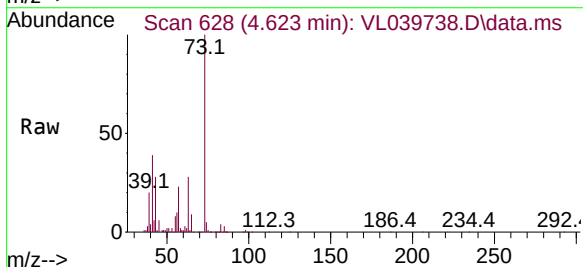
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

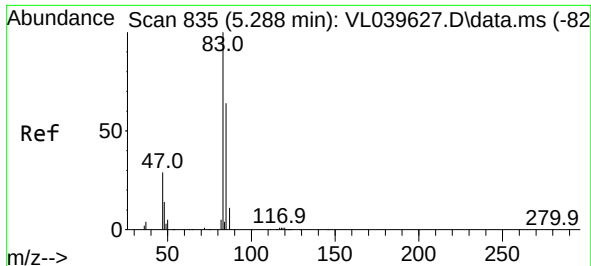
Tgt Ion: 76 Resp: 1255859
Ion Ratio Lower Upper
76 100
44 18.7 14.6 21.8
78 9.5 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.270 ppbv
RT: 4.623 min Scan# 628
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 73 Resp: 852943
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.8





#29

Chloroform

Concen: 9.646 ppbv

RT: 5.307 min Scan# 84

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

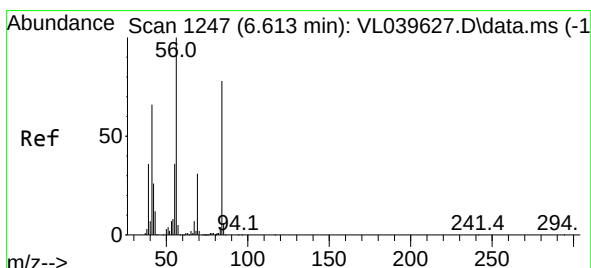
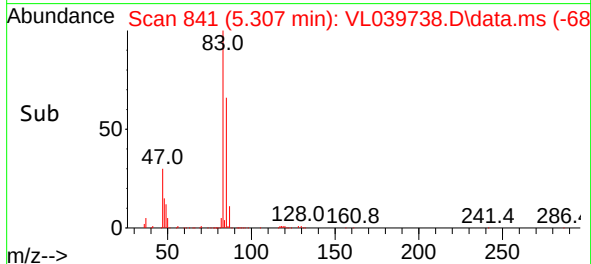
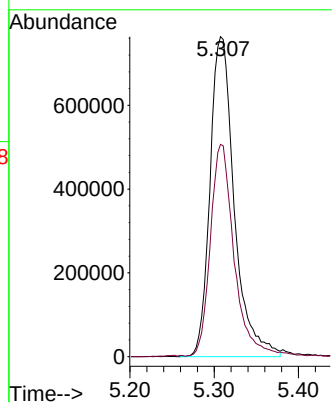
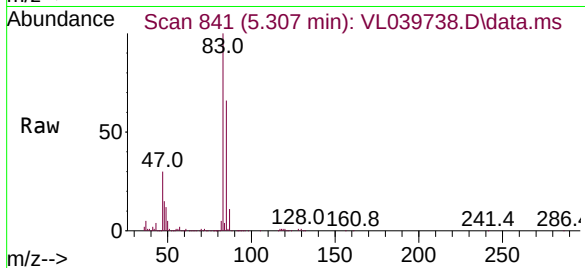
VSTDCCC010EC

Tgt Ion: 83 Resp: 1524980

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2



#30

Cyclohexane

Concen: 10.031 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

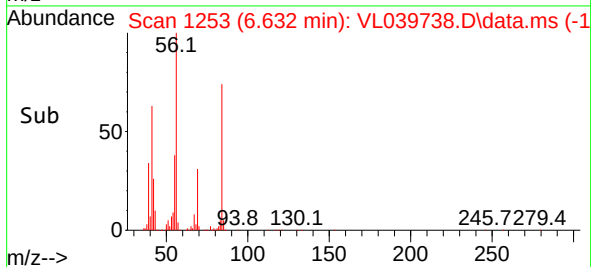
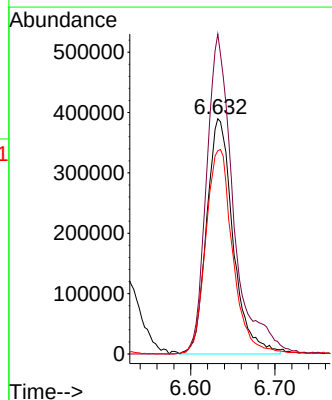
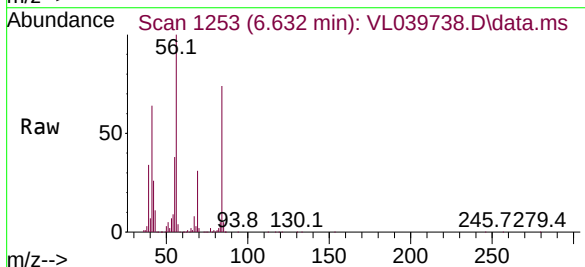
Tgt Ion: 84 Resp: 850730

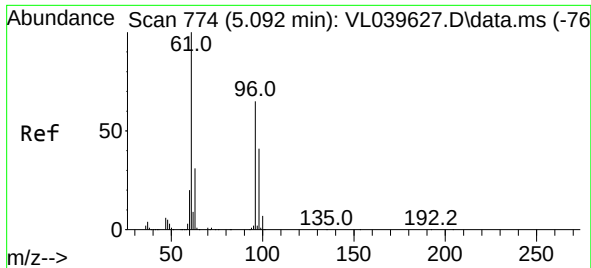
Ion Ratio Lower Upper

84 100

56 138.6 107.7 161.5

41 89.1 67.7 101.5

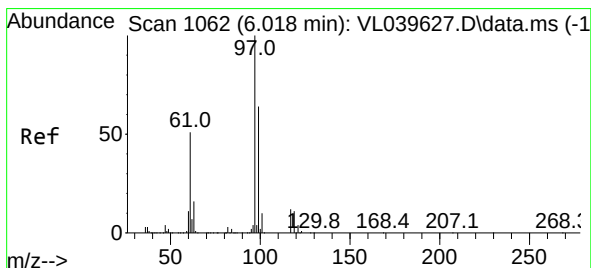
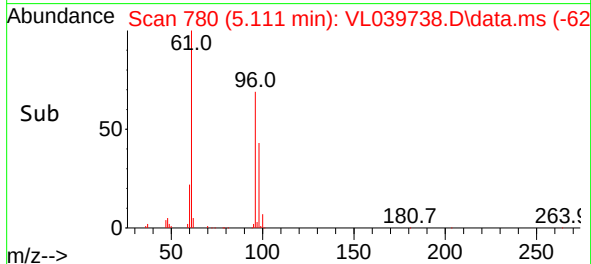
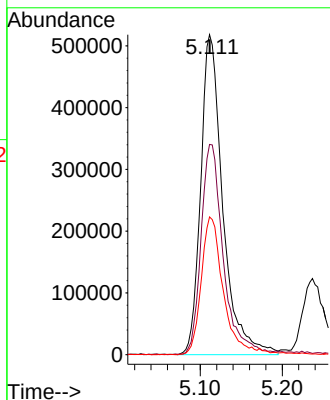
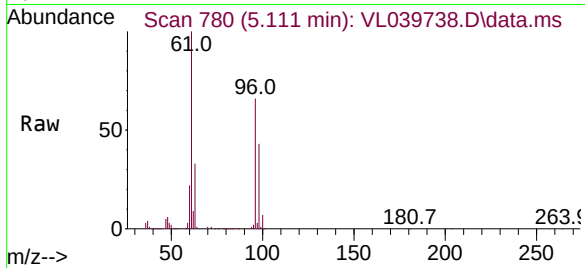




#31
 cis-1,2-Dichloroethene
 Concen: 9.794 ppbv
 RT: 5.111 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

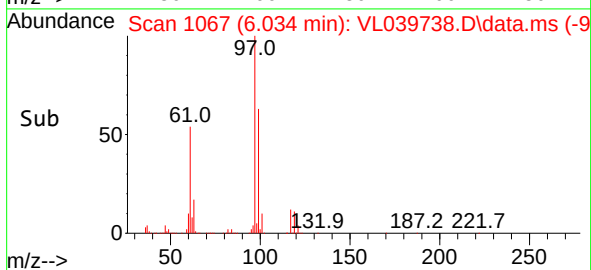
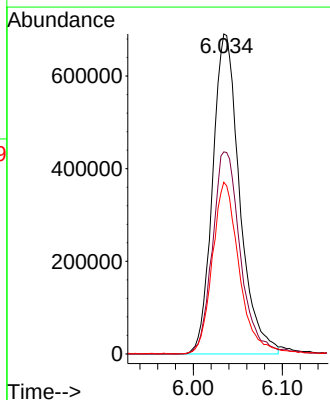
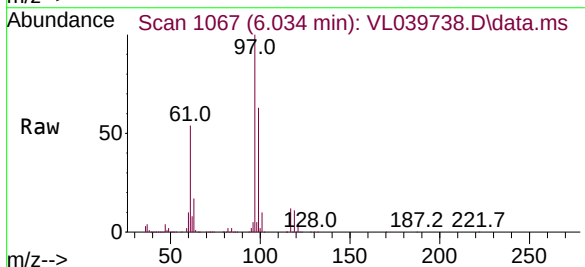
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

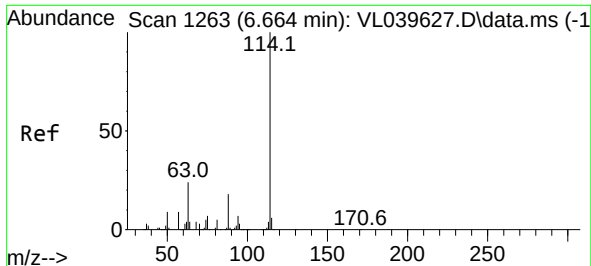
Tgt Ion: 61 Resp: 970114
 Ion Ratio Lower Upper
 61 100
 96 65.5 54.1 81.1
 98 43.0 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 10.168 ppbv
 RT: 6.034 min Scan# 1067
 Delta R.T. -0.003 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 97 Resp: 1455285
 Ion Ratio Lower Upper
 97 100
 99 66.1 52.3 78.5
 61 53.8 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

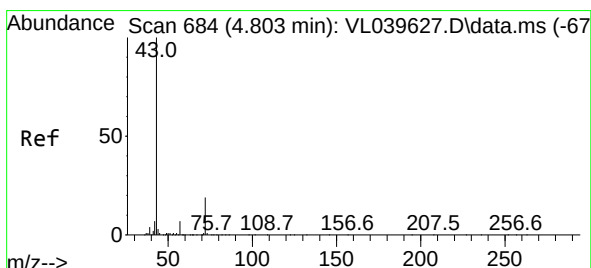
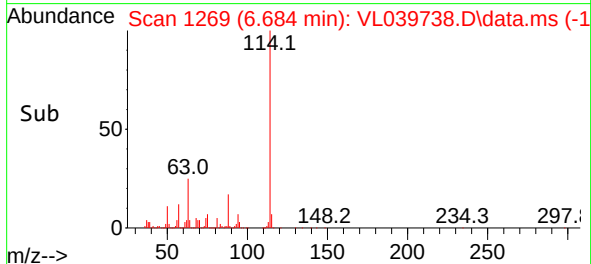
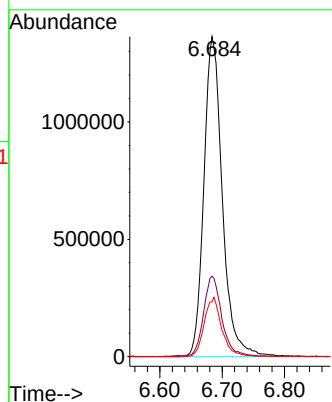
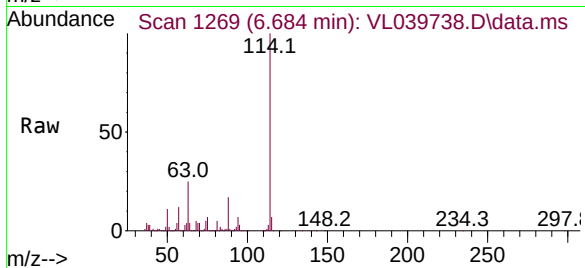
Tgt Ion:114 Resp: 2806739

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.4

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 9.228 ppbv

RT: 4.822 min Scan# 690

Delta R.T. -0.000 min

Lab File: VL039738.D

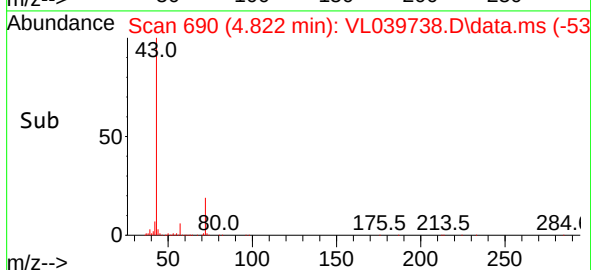
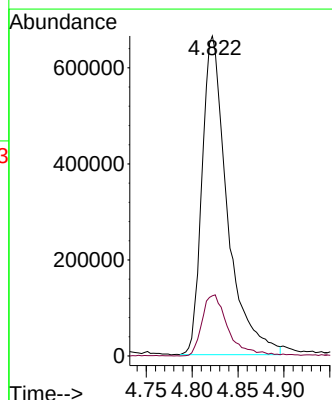
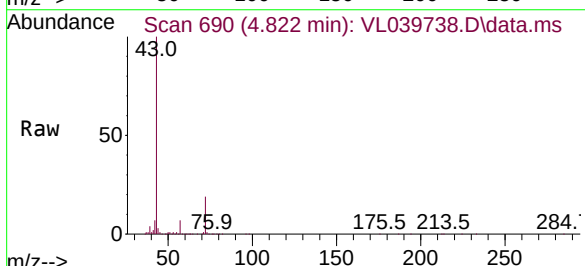
Acq: 18 Oct 2022 10:53

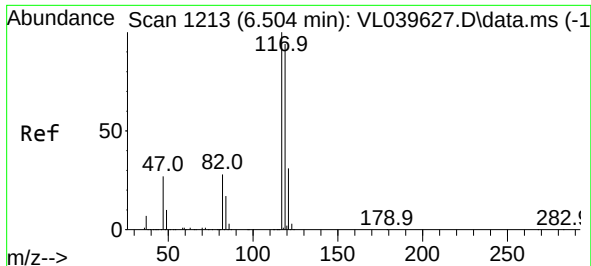
Tgt Ion: 43 Resp: 1272133

Ion Ratio Lower Upper

43 100

72 20.5 17.9 26.9

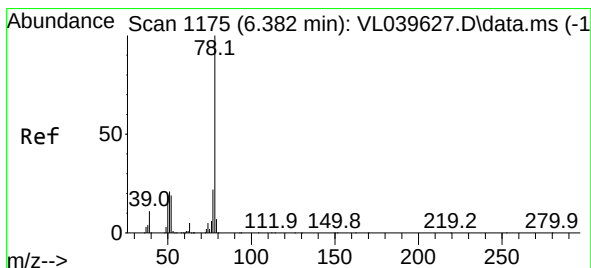
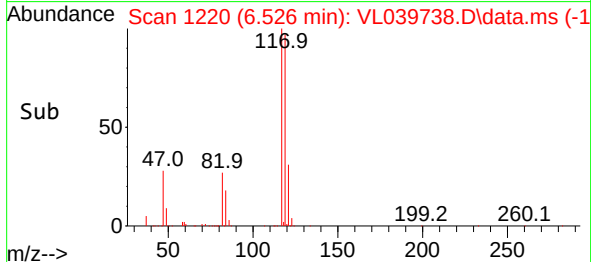
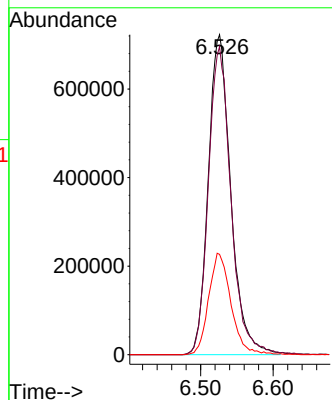
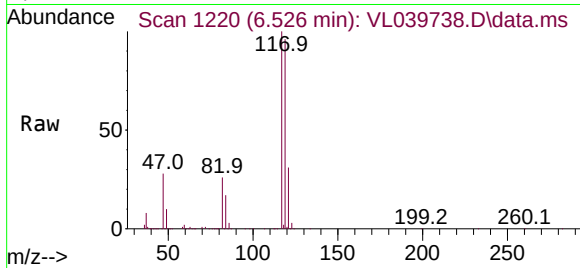




#35
Carbon Tetrachloride
Concen: 10.466 ppbv
RT: 6.526 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

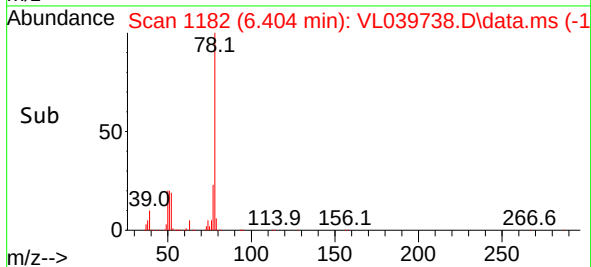
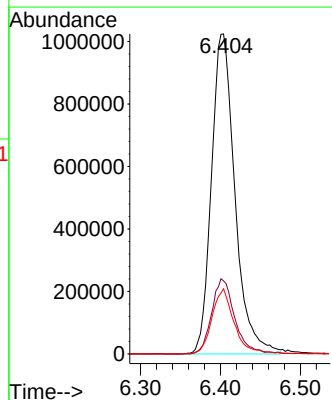
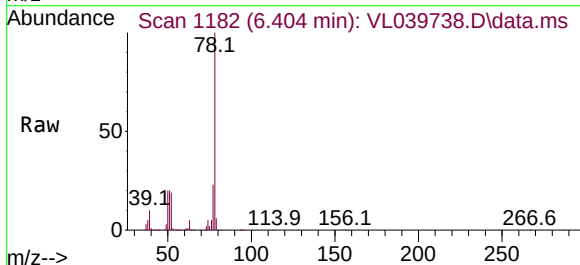
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

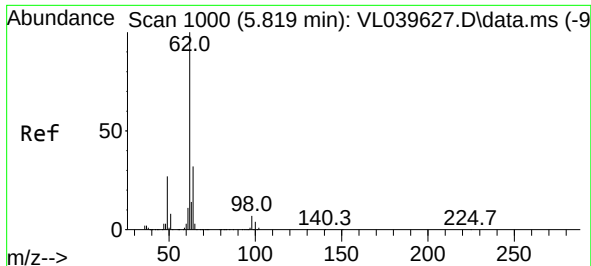
Tgt Ion:117 Resp: 1559472
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.2
121 31.3 24.2 36.2



#36
Benzene
Concen: 9.740 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 78 Resp: 2089983
Ion Ratio Lower Upper
78 100
77 22.8 20.3 30.5
50 20.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.780 ppbv

RT: 5.841 min Scan# 1000

Delta R.T. 0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

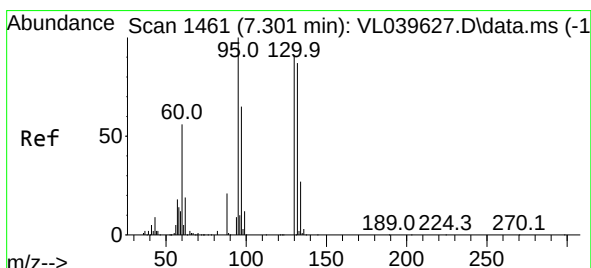
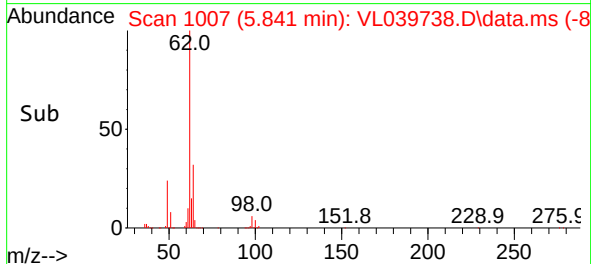
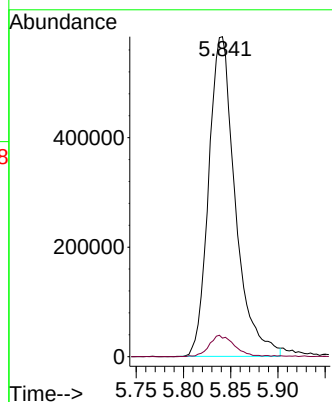
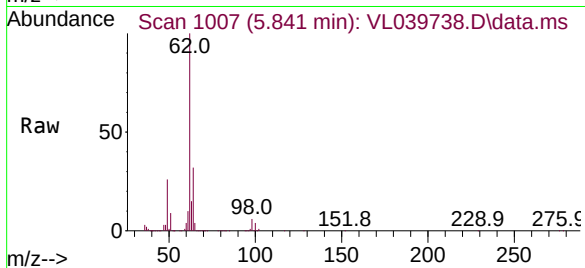
VSTDCCC010EC

Tgt Ion: 62 Resp: 1142272

Ion Ratio Lower Upper

62 100

98 6.7 5.1 7.7



#38

Trichloroethene

Concen: 10.358 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion:130 Resp: 1201174

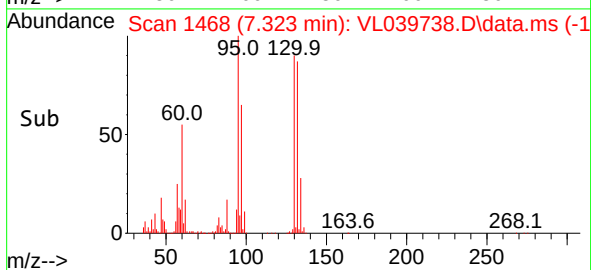
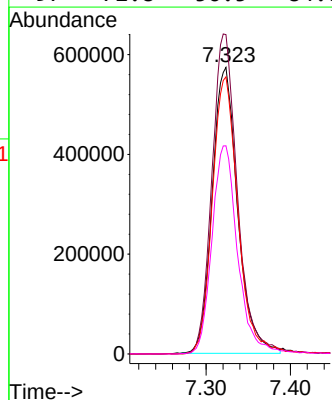
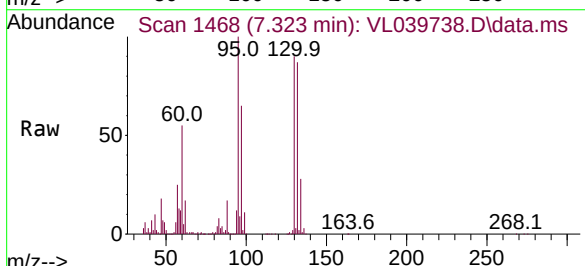
Ion Ratio Lower Upper

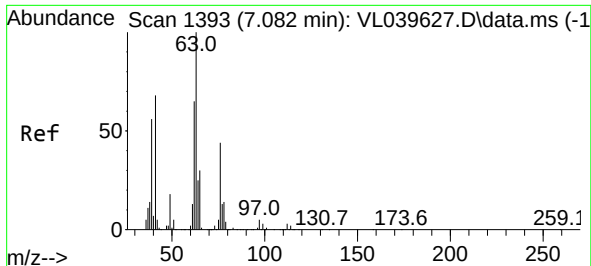
130 100

95 111.6 87.3 130.9

132 96.8 76.7 115.1

97 72.8 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.583 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

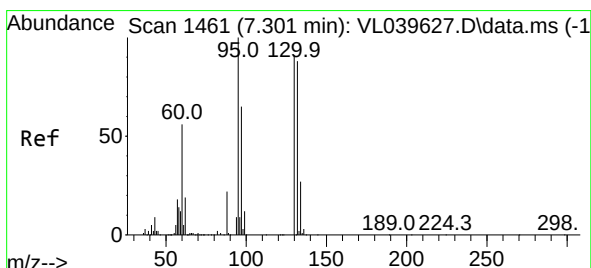
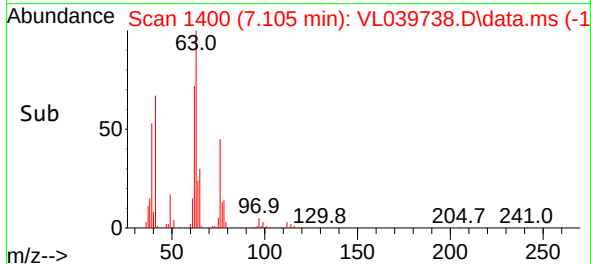
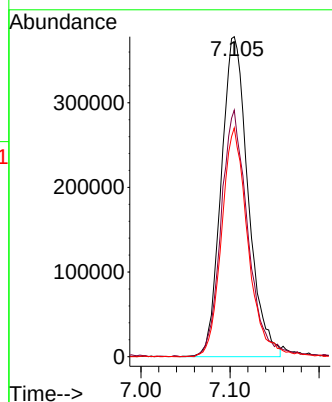
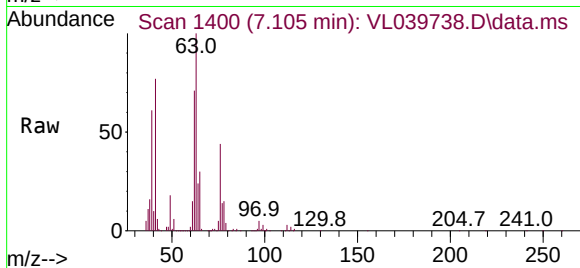
Tgt Ion: 63 Resp: 794088

Ion Ratio Lower Upper

63 100

41 77.0 59.6 89.4

62 71.5 51.4 77.0



#40

1,4-Dioxane

Concen: 8.105 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.007 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion: 88 Resp: 274239

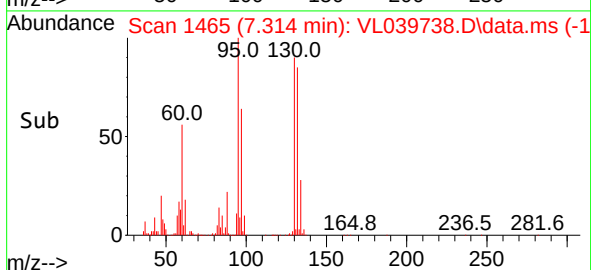
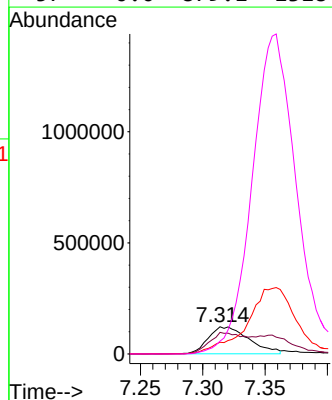
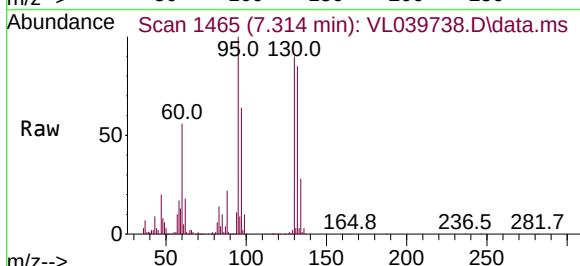
Ion Ratio Lower Upper

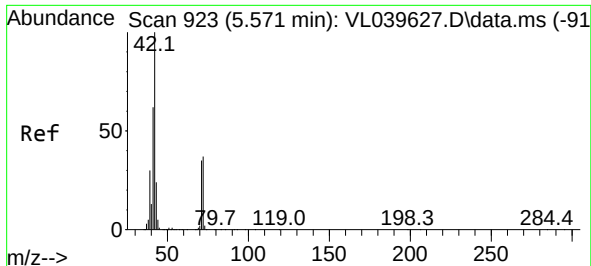
88 100

58 138.4 100.2 150.4

43 0.0 205.8 308.6#

57 0.0 879.1 1318.7#





#41

Tetrahydrofuran

Concen: 10.172 ppbv

RT: 5.590 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

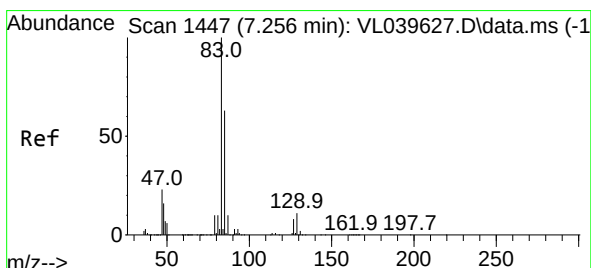
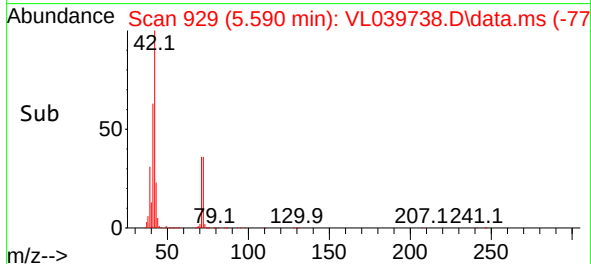
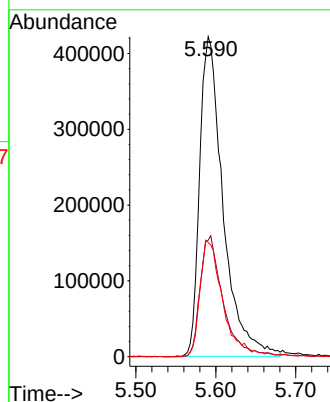
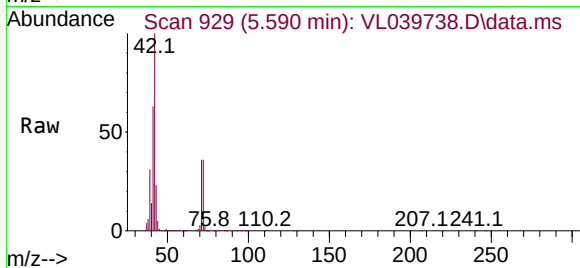
Tgt Ion: 42 Resp: 860338

Ion Ratio Lower Upper

42 100

72 37.4 31.8 47.8

71 36.2 31.8 47.8



#42

Bromodichloromethane

Concen: 10.075 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

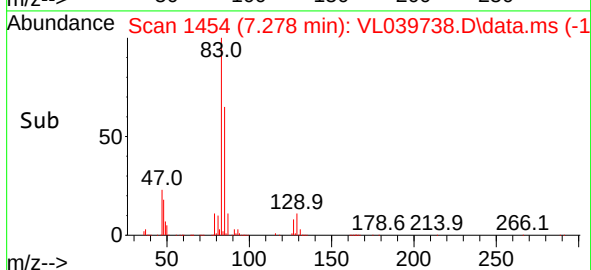
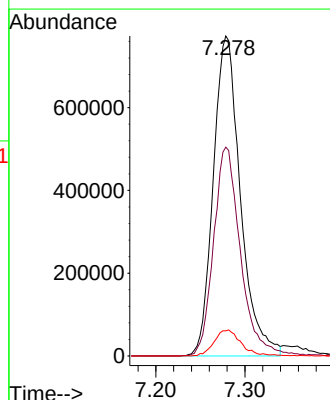
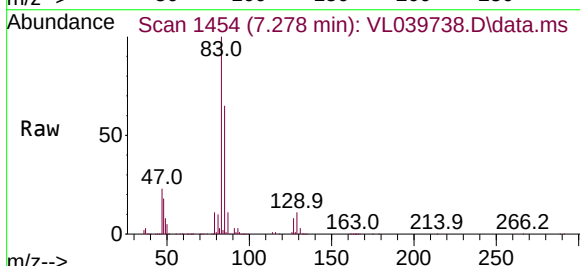
Tgt Ion: 83 Resp: 1636616

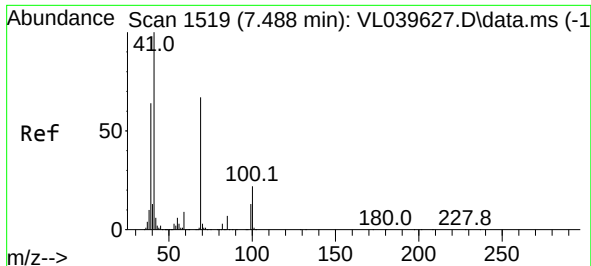
Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1

127 7.8 6.6 9.8

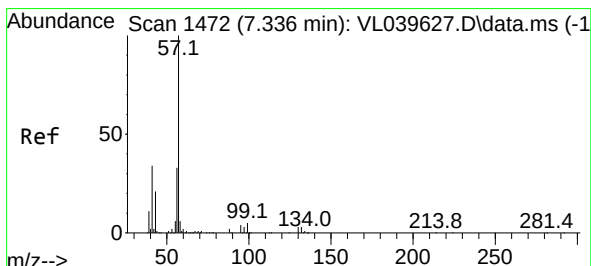
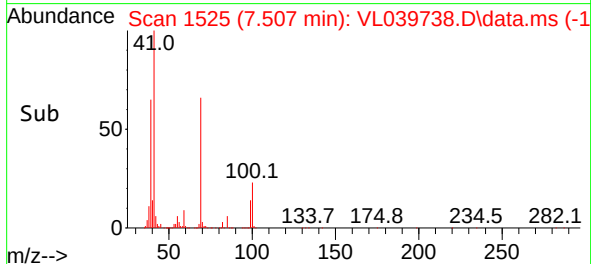
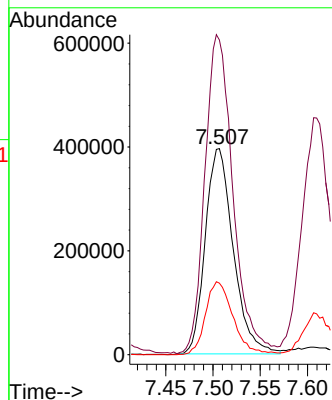
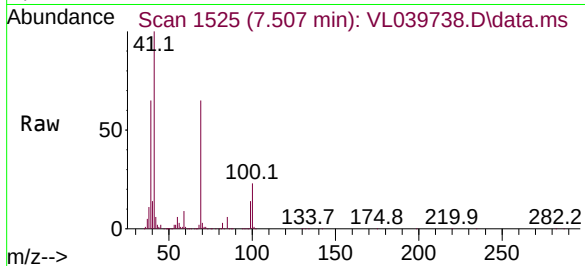




#43
Methyl Methacrylate
Concen: 10.427 ppbv
RT: 7.507 min Scan# 1525
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

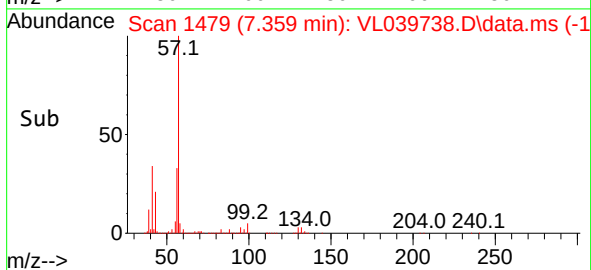
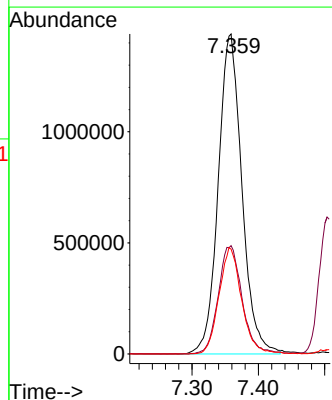
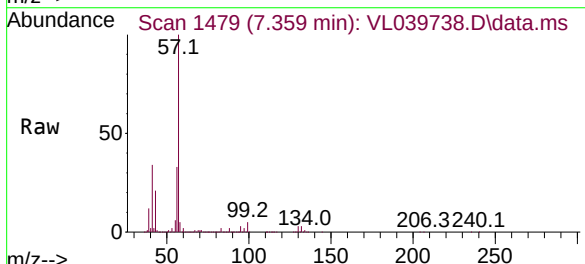
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

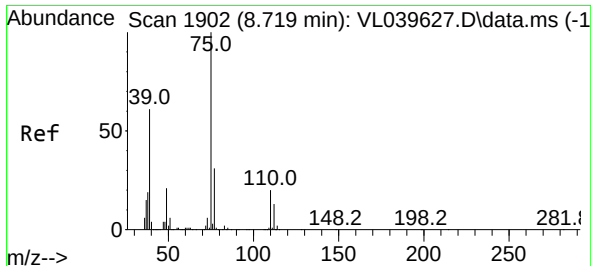
Tgt Ion: 69 Resp: 815616
Ion Ratio Lower Upper
69 100
41 156.7 120.8 181.2
100 35.0 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.642 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 57 Resp: 3566200
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 32.0 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 11.382 ppbv

RT: 8.738 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

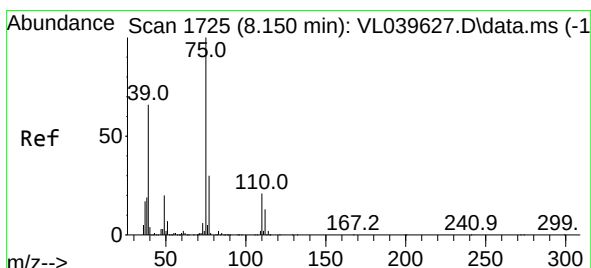
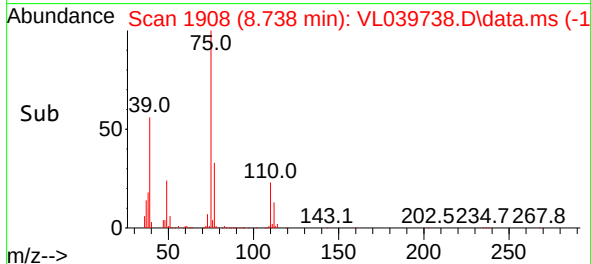
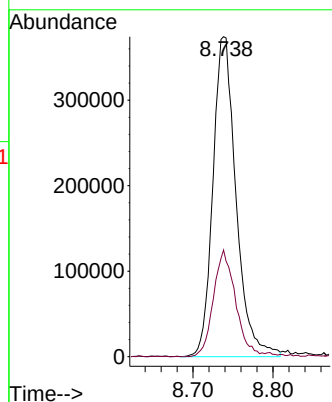
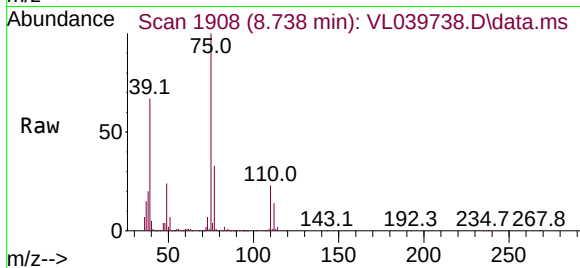
VSTDCCC010EC

Tgt Ion: 75 Resp: 752344

Ion Ratio Lower Upper

75 100

77 33.4 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 11.183 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

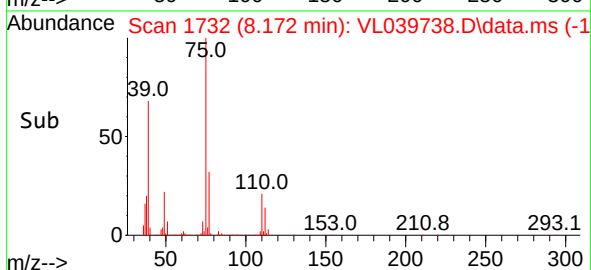
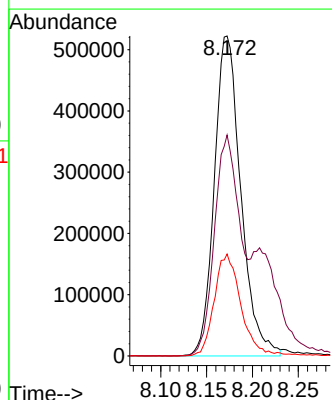
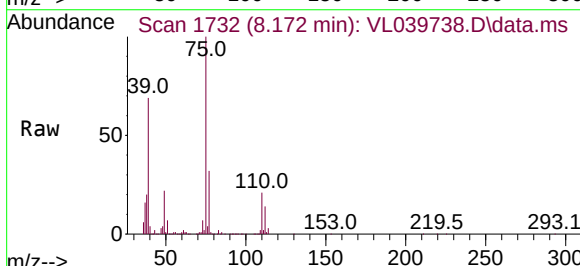
Tgt Ion: 75 Resp: 1052306

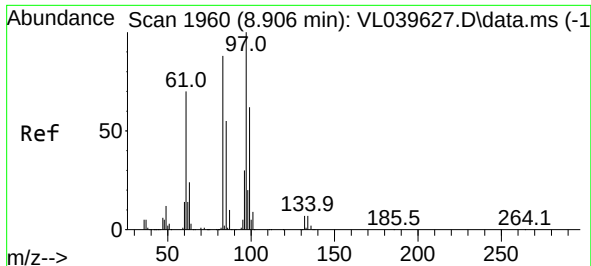
Ion Ratio Lower Upper

75 100

39 68.9 55.0 82.4

77 31.9 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.424 ppbv

RT: 8.925 min Scan# 1966

Delta R.T. -0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 853585

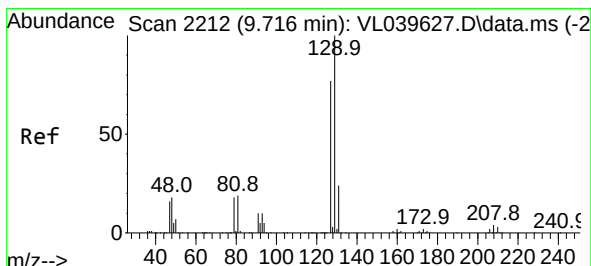
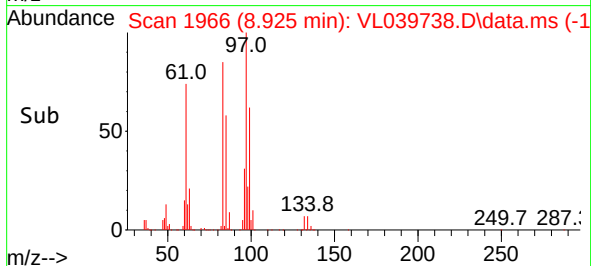
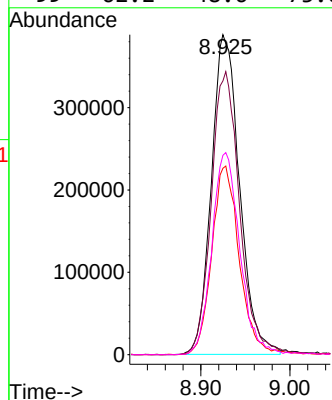
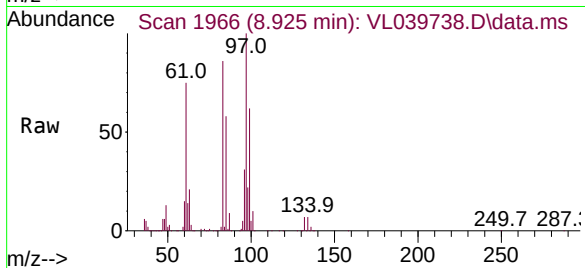
Ion Ratio Lower Upper

97 100

83 85.5 67.4 101.0

85 58.3 45.1 67.7

99 62.2 48.6 73.0



#48

Dibromochloromethane

Concen: 10.368 ppbv

RT: 9.735 min Scan# 2218

Delta R.T. -0.003 min

Lab File: VL039738.D

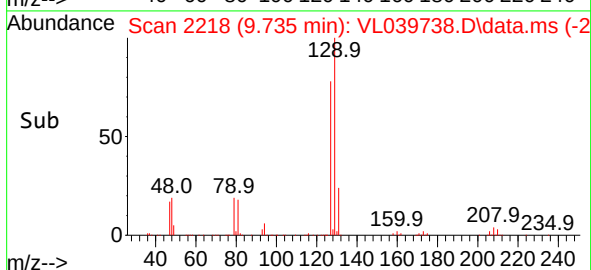
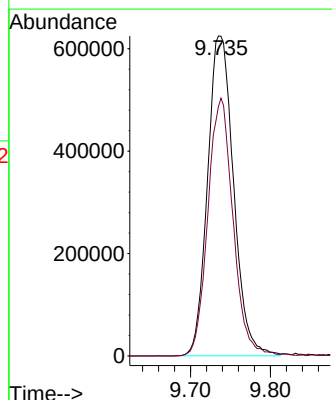
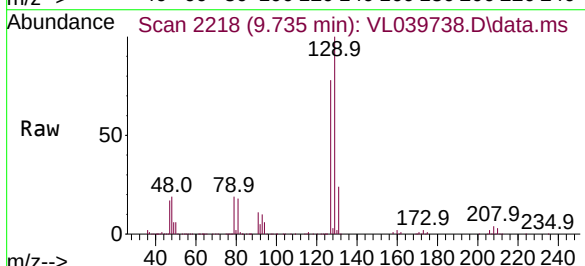
Acq: 18 Oct 2022 10:53

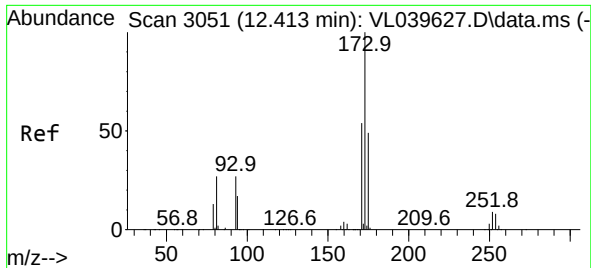
Tgt Ion: 129 Resp: 1413998

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9

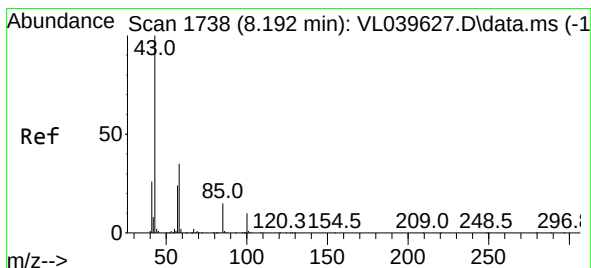
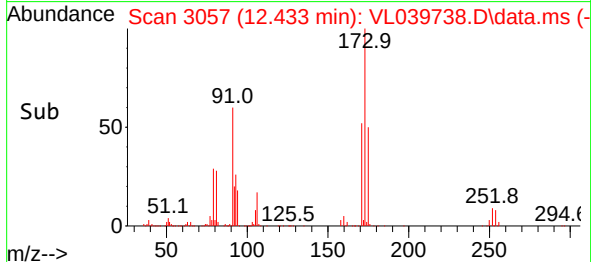
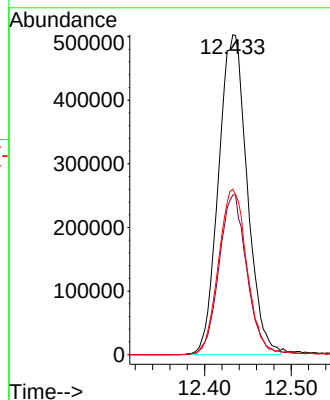
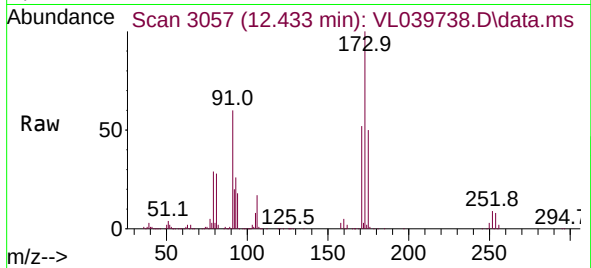




#49
Bromoform
Concen: 10.250 ppbv
RT: 12.433 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

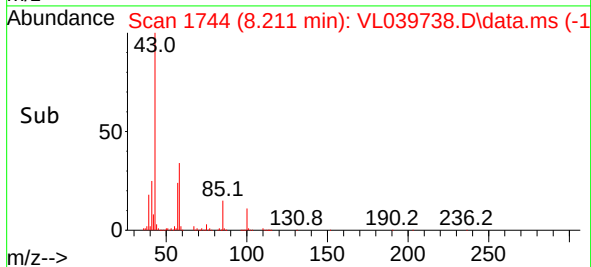
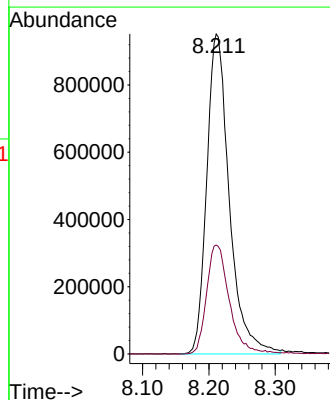
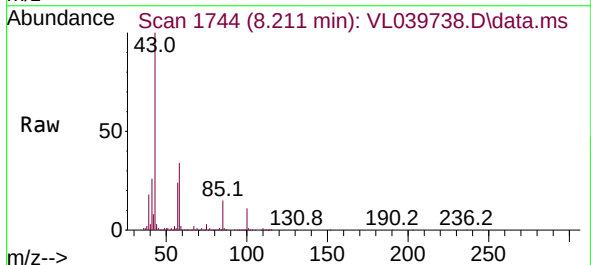
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

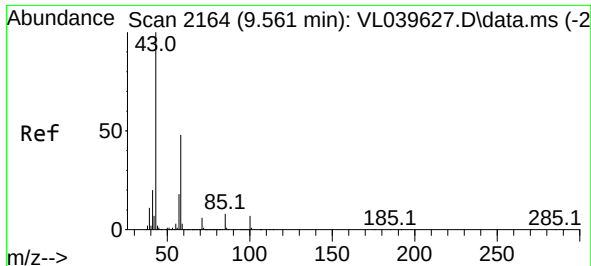
Tgt Ion:173 Resp: 1156218
Ion Ratio Lower Upper
173 100
175 49.0 40.3 60.5
171 51.8 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 10.371 ppbv
RT: 8.211 min Scan# 1744
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 43 Resp: 2246650
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2

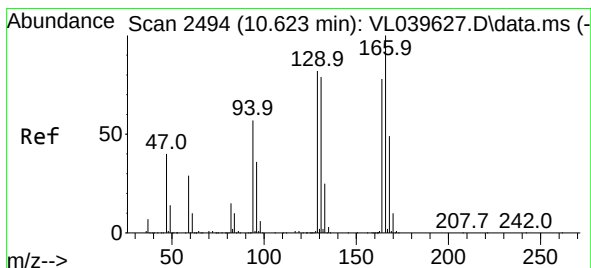
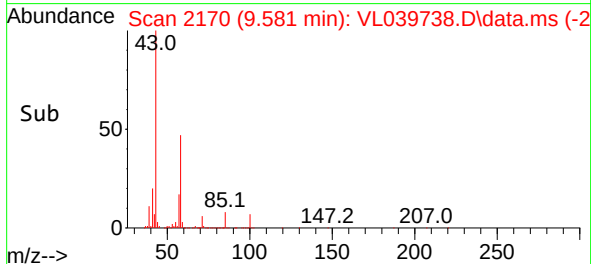
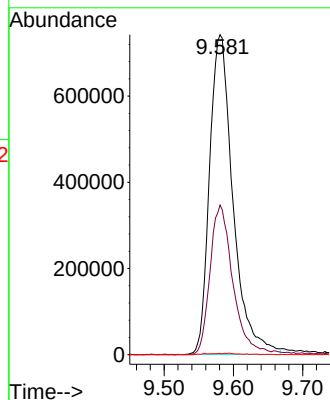
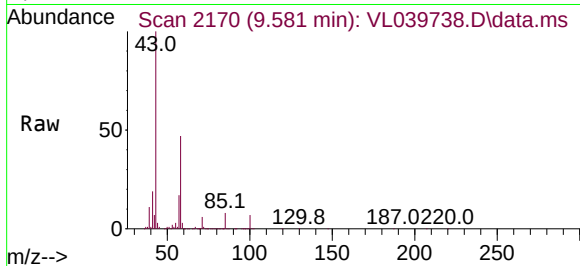




#51
2-Hexanone
Concen: 10.863 ppbv
RT: 9.581 min Scan# 2164
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

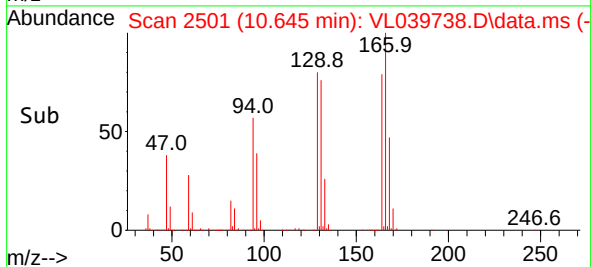
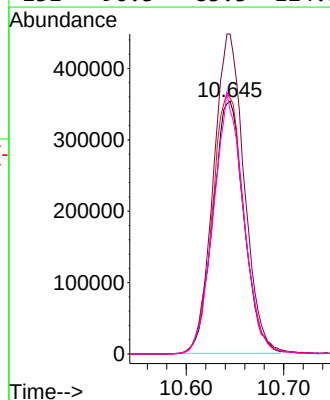
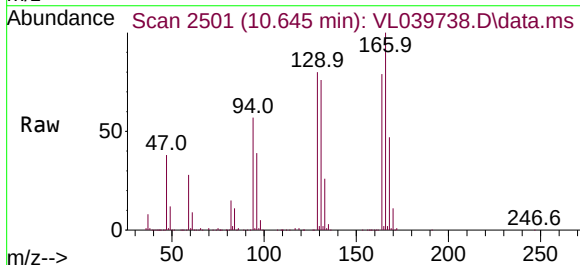
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

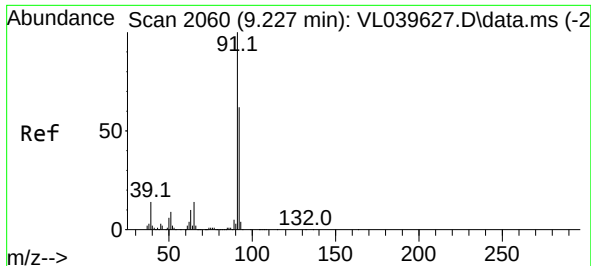
Tgt Ion: 43 Resp: 1741935
Ion Ratio Lower Upper
43 100
58 46.6 38.4 57.6
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.519 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 164 Resp: 779321
Ion Ratio Lower Upper
164 100
166 126.8 102.2 153.2
129 101.2 85.8 128.8
131 96.3 83.3 124.9

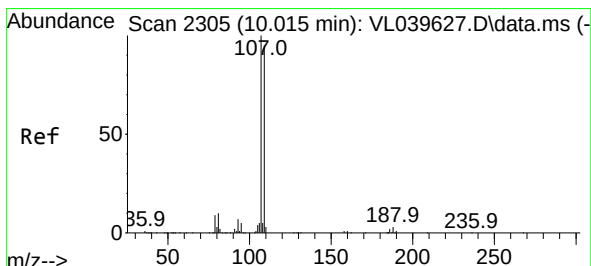
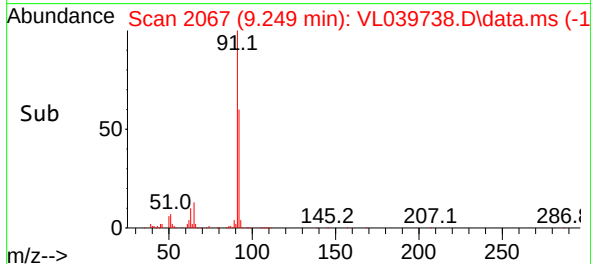
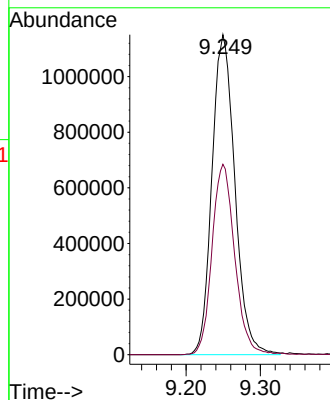
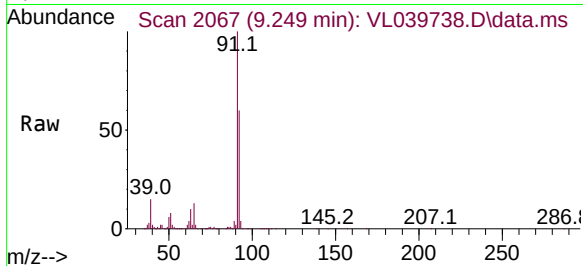




#53
Toluene
Concen: 10.337 ppbv
RT: 9.249 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

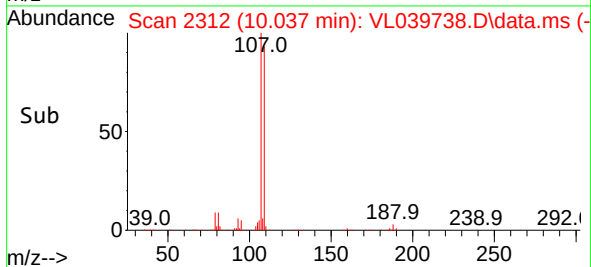
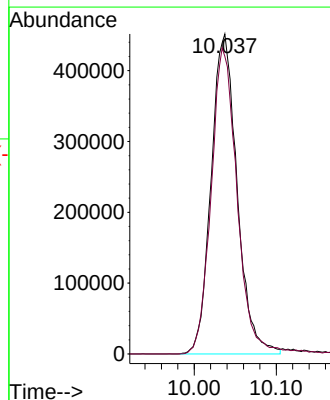
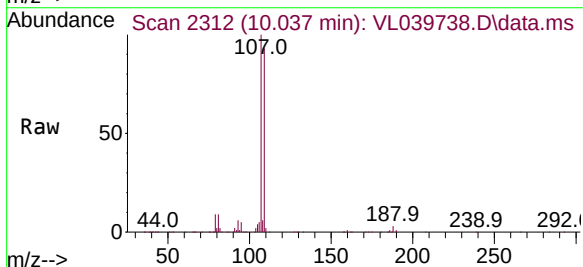
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

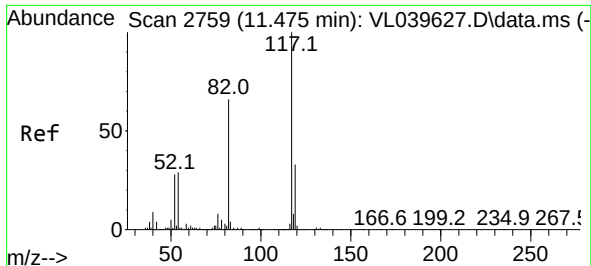
Tgt Ion: 91 Resp: 2467042
Ion Ratio Lower Upper
91 100
92 59.2 48.2 72.2



#54
1,2-Dibromoethane
Concen: 10.251 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 107 Resp: 993207
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2

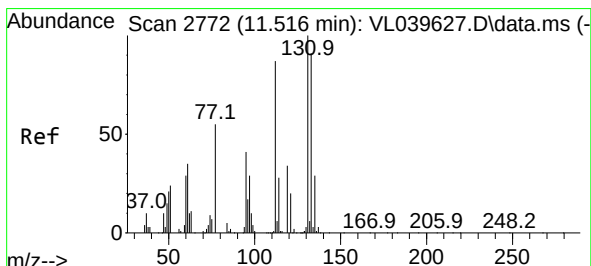
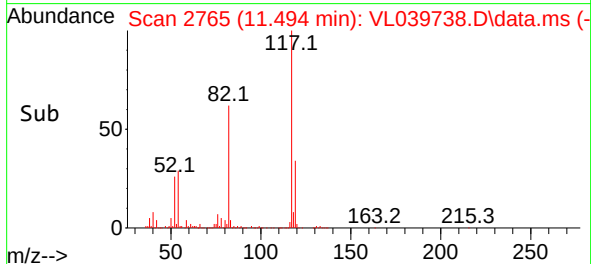
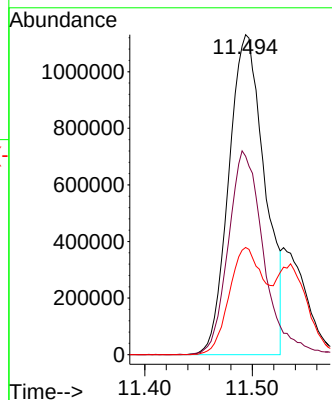
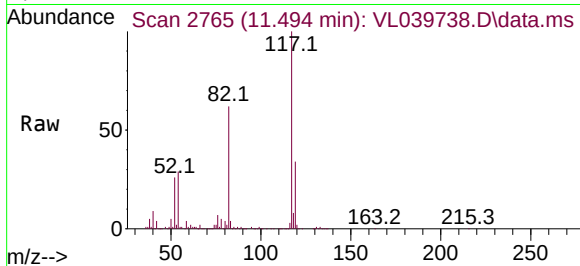




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

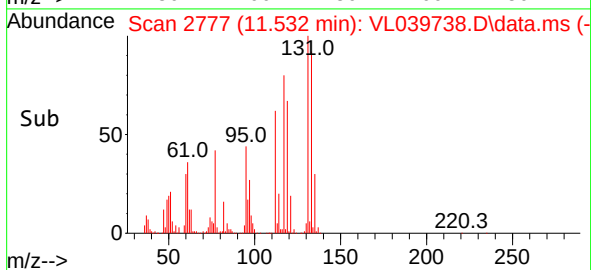
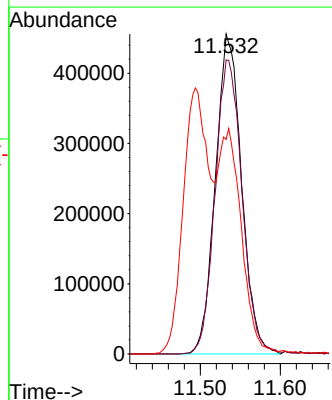
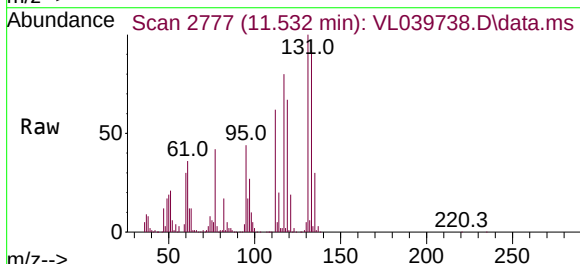
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

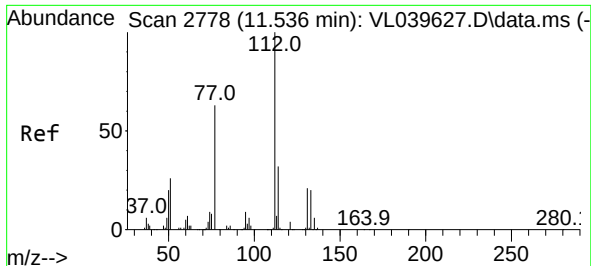
Tgt Ion:117 Resp: 2631566
Ion Ratio Lower Upper
117 100
82 63.5 50.8 76.2
119 31.9 24.1 36.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.710 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:131 Resp: 1032642
Ion Ratio Lower Upper
131 100
133 95.3 76.8 115.2
119 60.9 46.2 69.4

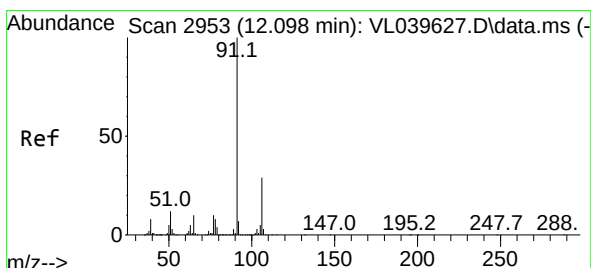
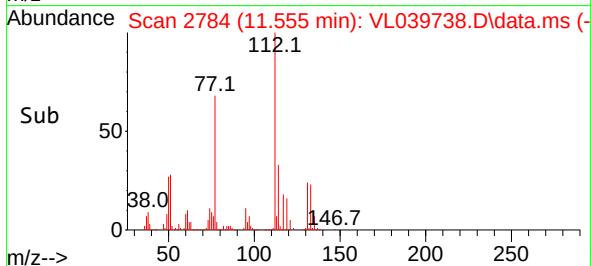
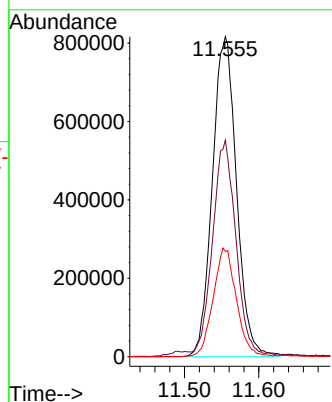
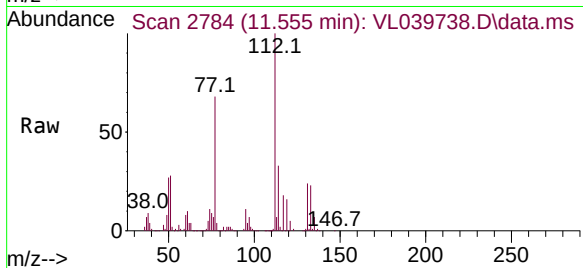




#57
Chlorobenzene
Concen: 9.549 ppbv
RT: 11.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

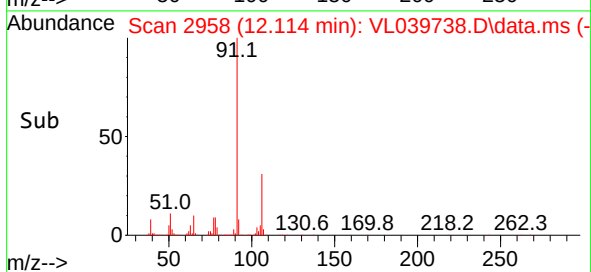
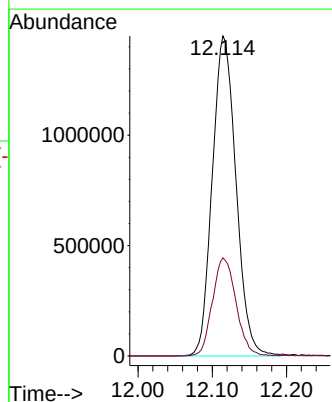
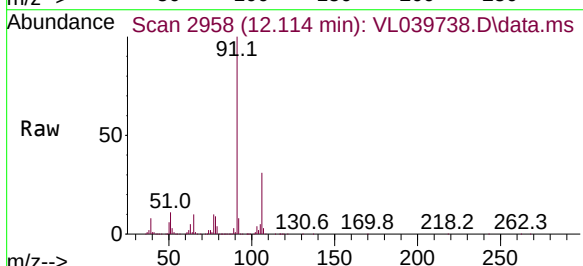
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

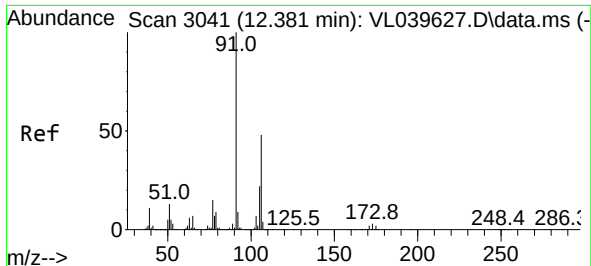
Tgt Ion:112 Resp: 1847762
Ion Ratio Lower Upper
112 100
77 67.1 51.0 76.4
114 32.8 27.5 33.6



#58
Ethyl Benzene
Concen: 10.588 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 91 Resp: 3212625
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0





#59

m/p-Xylene

Concen: 11.731 ppbv

RT: 12.397 min Scan# 3041

Delta R.T. -0.003 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

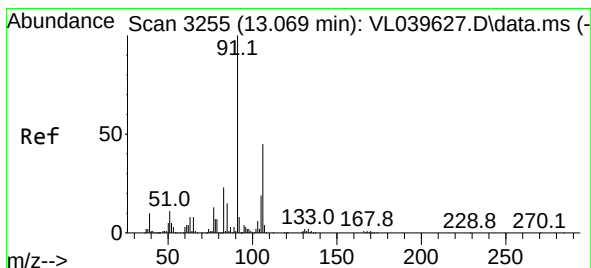
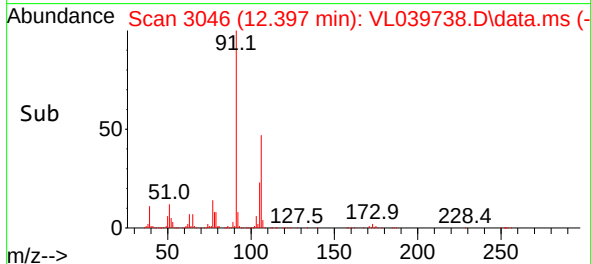
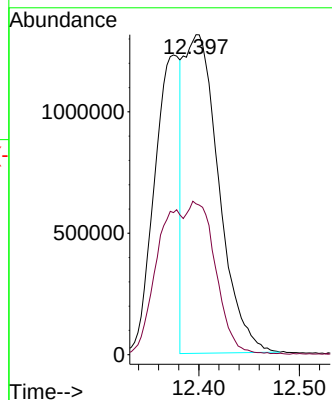
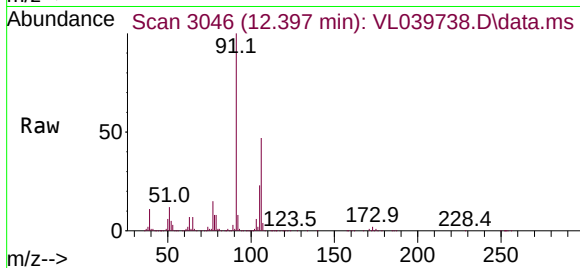
VSTDCCC010EC

Tgt Ion: 91 Resp: 3167636

Ion Ratio Lower Upper

91 100

106 77.2 35.4 53.2#



#60

o-Xylene

Concen: 10.045 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. -0.000 min

Lab File: VL039738.D

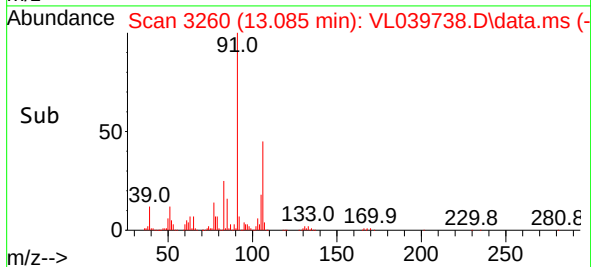
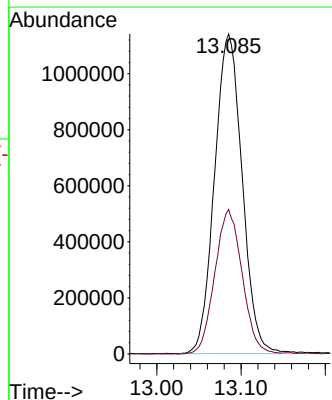
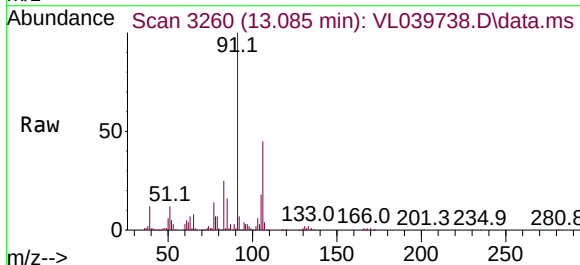
Acq: 18 Oct 2022 10:53

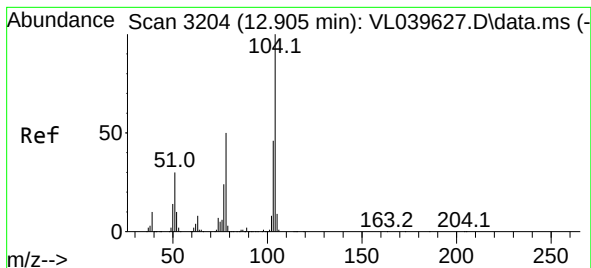
Tgt Ion: 91 Resp: 2590168

Ion Ratio Lower Upper

91 100

106 45.1 22.4 67.3





#61

Styrene

Concen: 11.058 ppbv

RT: 12.925 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

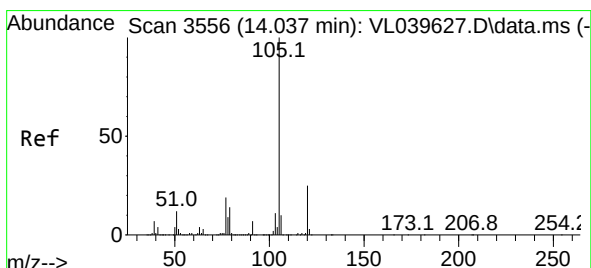
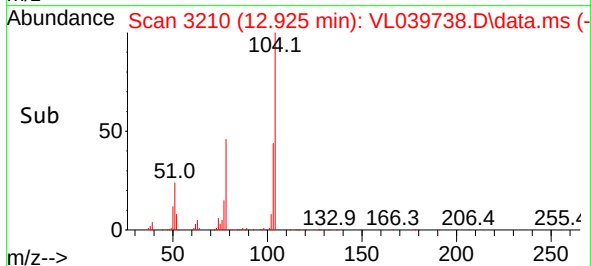
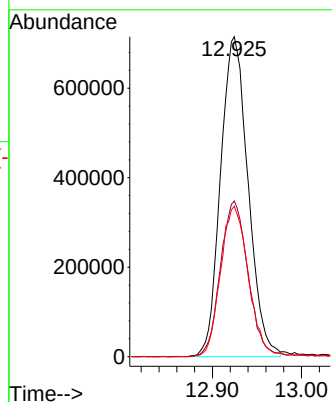
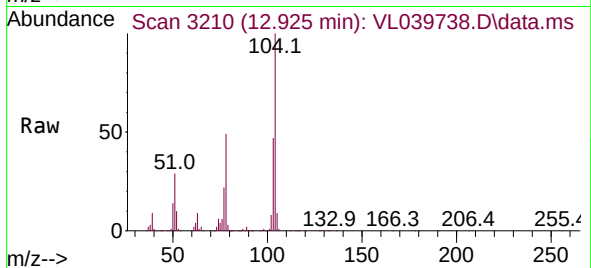
Tgt Ion:104 Resp: 1535703

Ion Ratio Lower Upper

104 100

78 49.1 41.2 61.8

103 47.9 38.7 58.1



#62

Isopropylbenzene

Concen: 9.649 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. -0.003 min

Lab File: VL039738.D

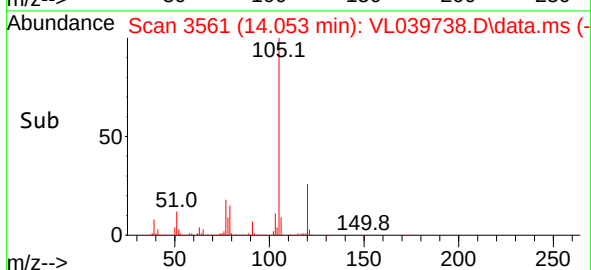
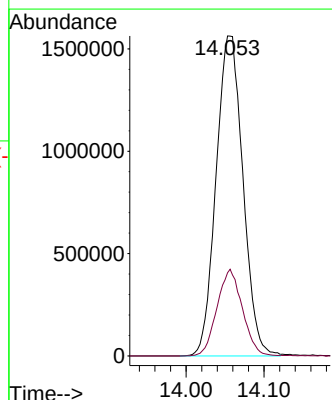
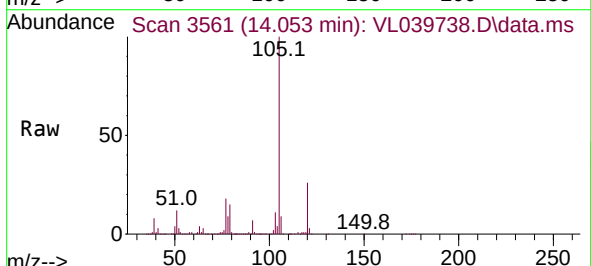
Acq: 18 Oct 2022 10:53

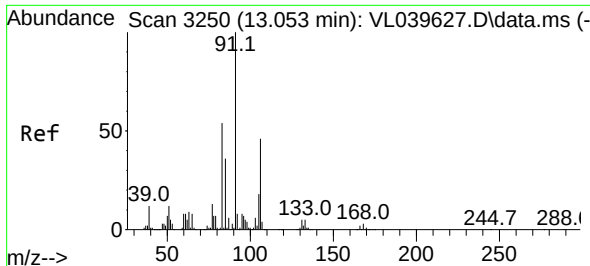
Tgt Ion:105 Resp: 3744045

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

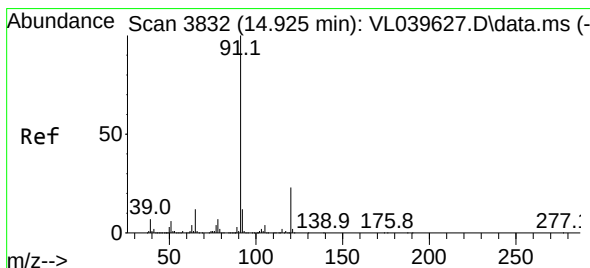
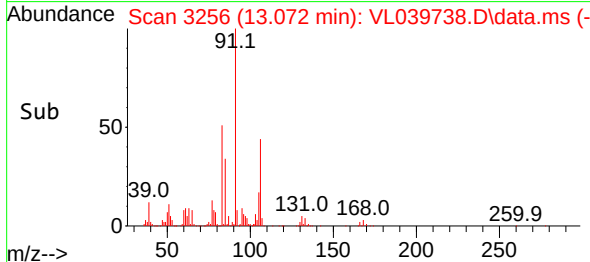
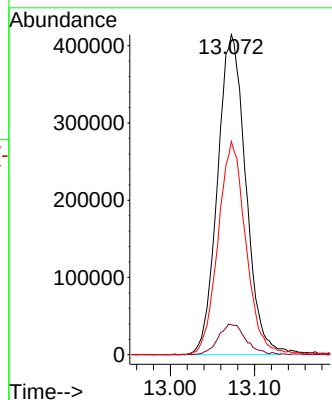
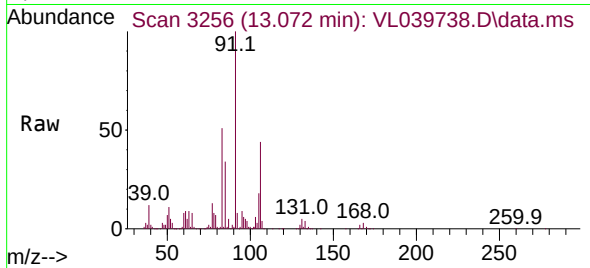




#63
1,1,2,2-Tetrachloroethane
Concen: 9.341 ppbv
RT: 13.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

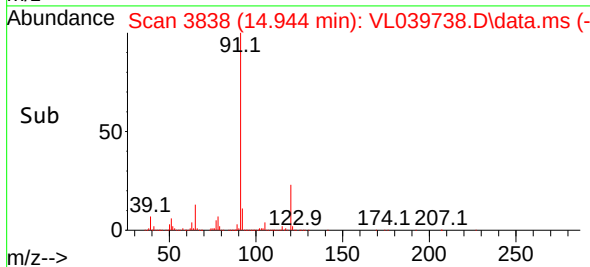
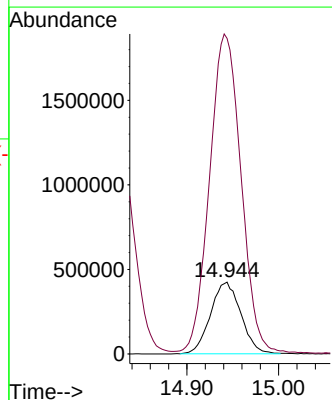
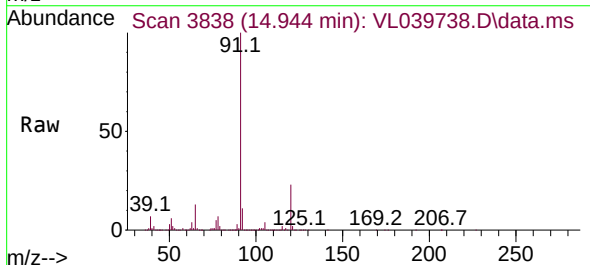
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

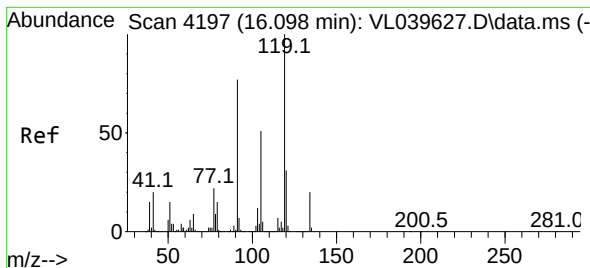
Tgt Ion: 83 Resp: 960803
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 65.9 33.1 99.5



#64
n-propylbenzene
Concen: 9.790 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:120 Resp: 972794
Ion Ratio Lower Upper
120 100
91 466.7 367.2 550.8

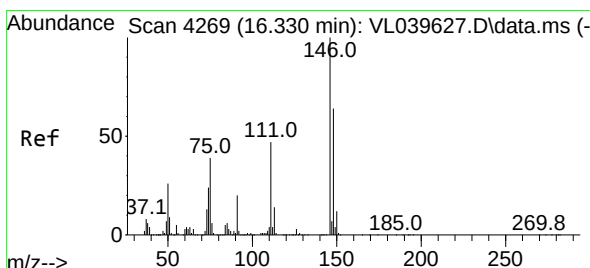
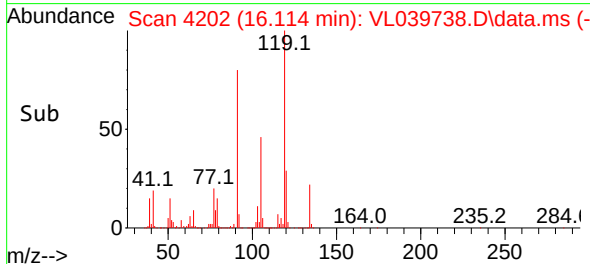
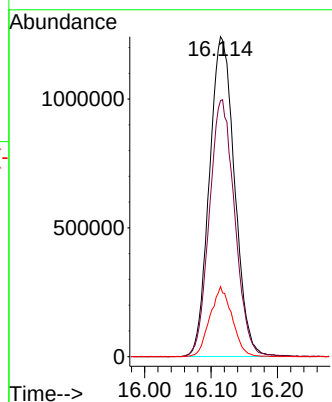
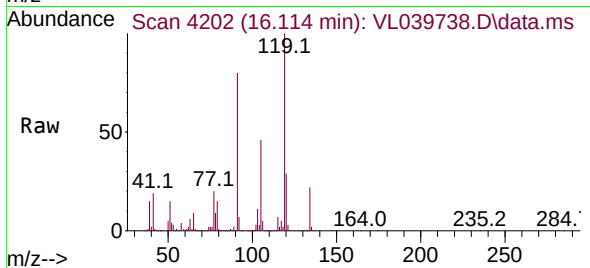




#65
tert-Butylbenzene
Concen: 9.549 ppbv
RT: 16.114 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

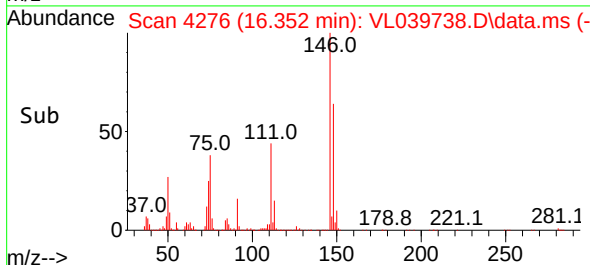
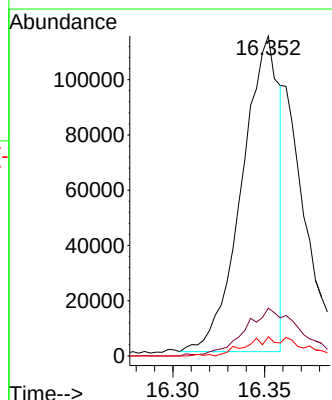
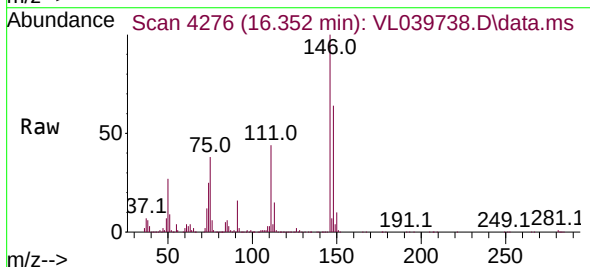
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

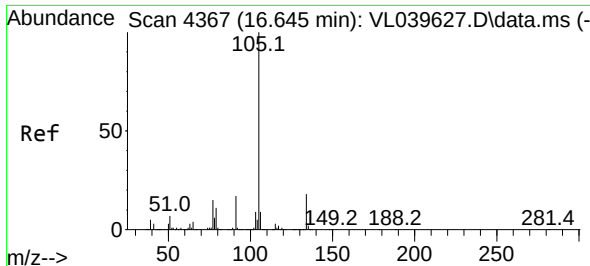
Tgt Ion:119 Resp: 3273473
Ion Ratio Lower Upper
119 100
91 81.0 63.4 95.2
134 19.4 15.9 23.9



#66
Benzyl Chloride
Concen: 5.910 ppbv
RT: 16.352 min Scan# 4276
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 91 Resp: 161312
Ion Ratio Lower Upper
91 100
126 22.9 13.1 19.7#
128 9.2 4.4 6.6#

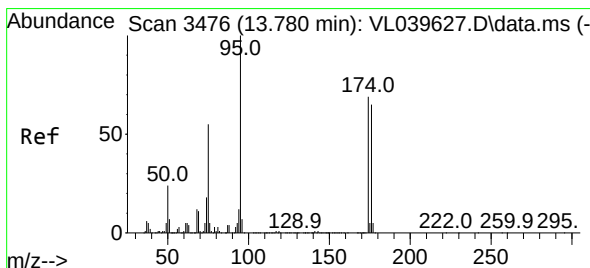
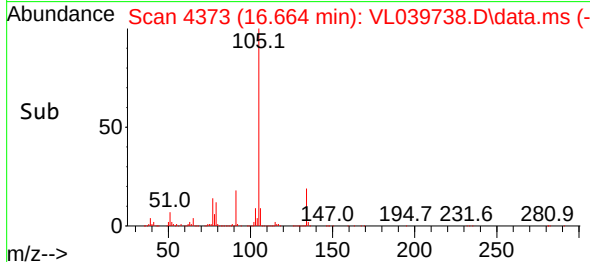
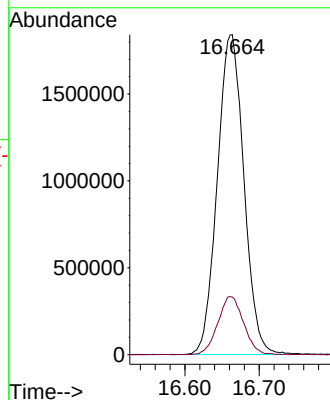
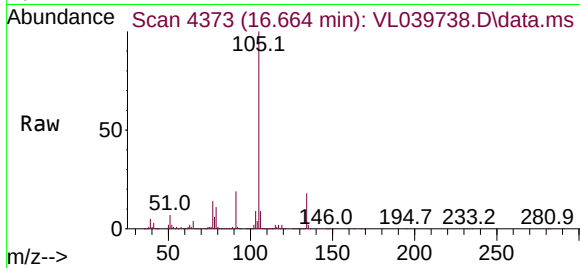




#67
 sec-Butylbenzene
 Concen: 9.513 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

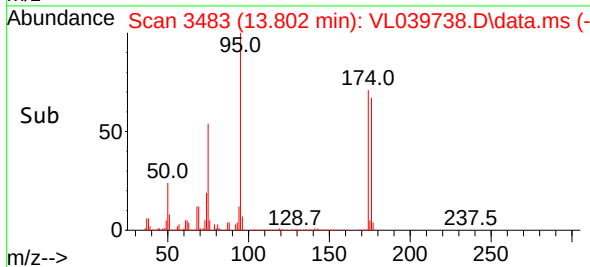
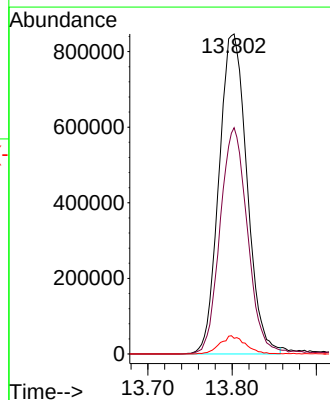
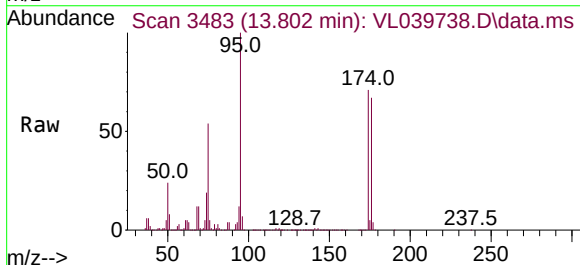
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

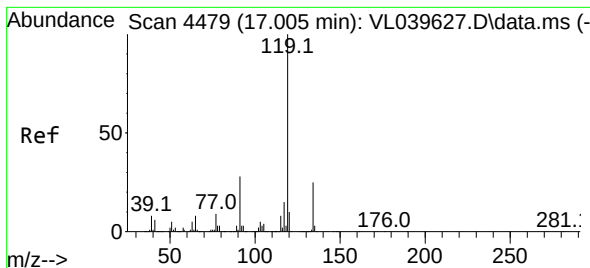
Tgt Ion:105 Resp: 4574206
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.925 ppbv
 RT: 13.802 min Scan# 3483
 Delta R.T. 0.003 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion: 95 Resp: 1949720
 Ion Ratio Lower Upper
 95 100
 174 70.4 55.9 83.9
 175 5.2 4.2 6.4

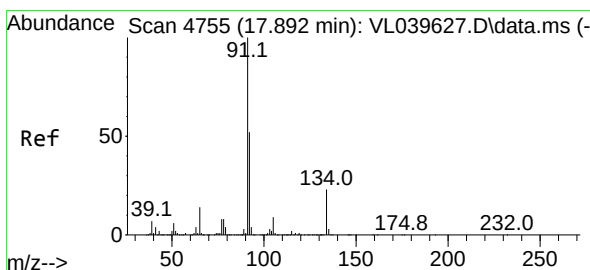
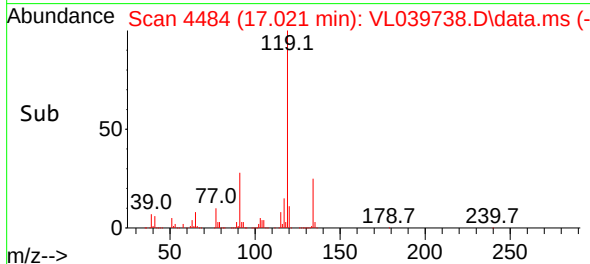
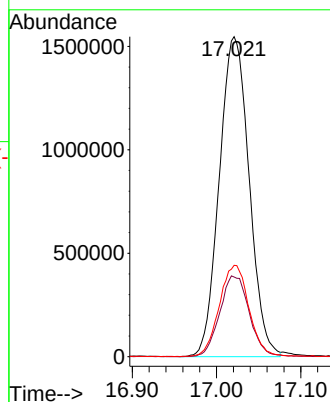
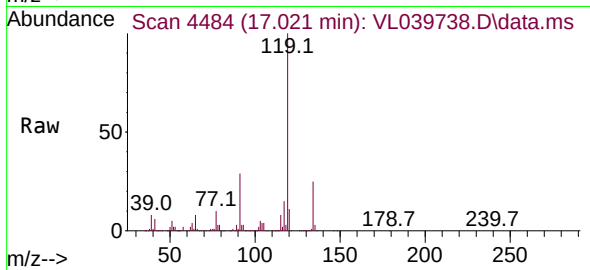




#69
p-Isopropyltoluene
Concen: 9.616 ppbv
RT: 17.021 min Scan# 4479
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

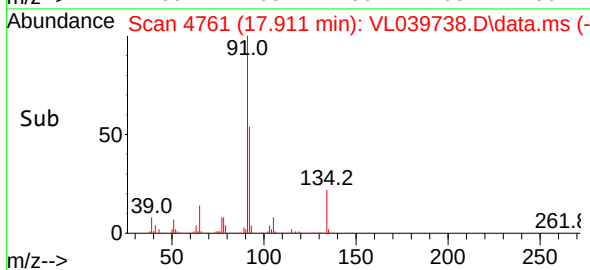
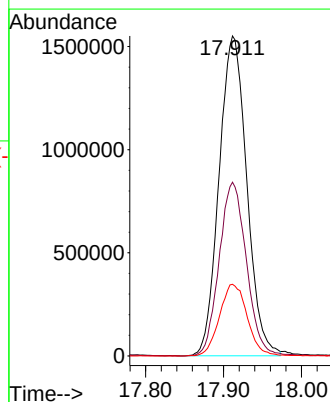
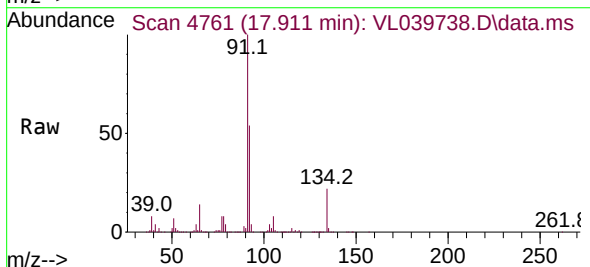
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

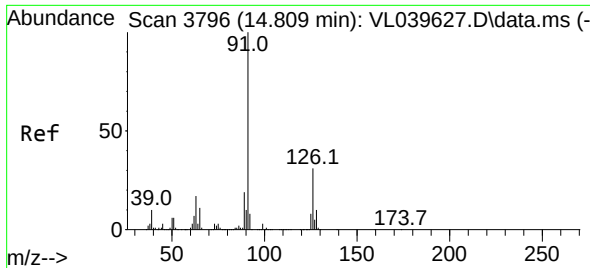
Tgt Ion:119 Resp: 3799177
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 28.4 22.9 34.3



#70
n-Butylbenzene
Concen: 9.890 ppbv
RT: 17.911 min Scan# 4761
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 91 Resp: 3830462
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.2
134 22.6 18.9 28.3

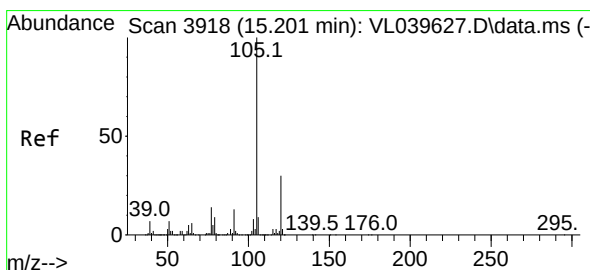
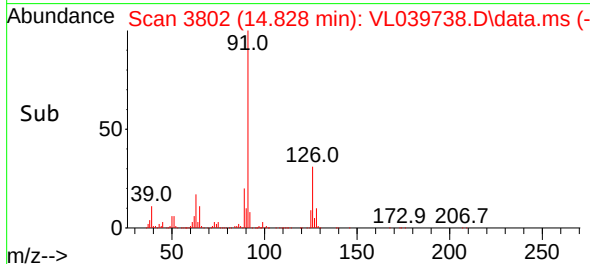
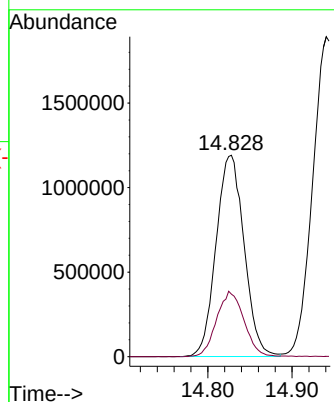
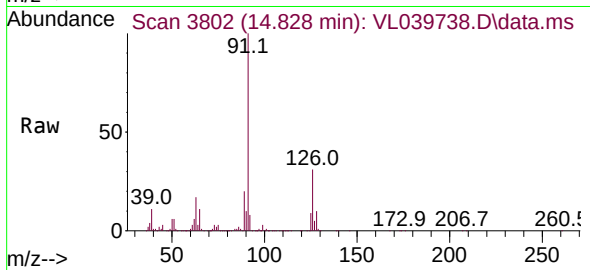




#71
2-Chlorotoluene
Concen: 9.815 ppbv
RT: 14.828 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

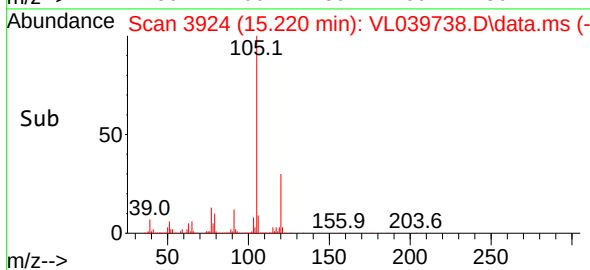
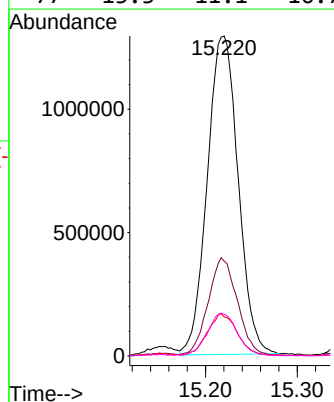
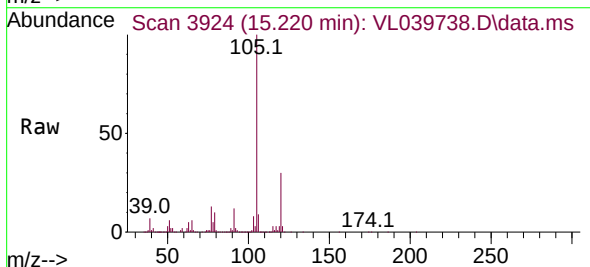
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

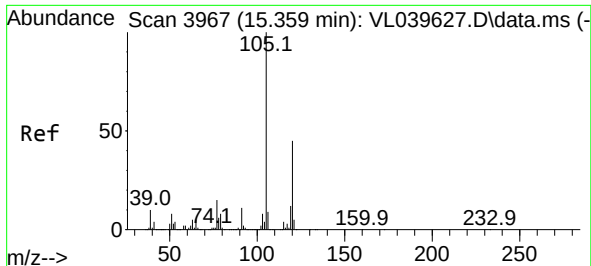
Tgt Ion: 91 Resp: 2749676
Ion Ratio Lower Upper
91 100
126 31.8 13.0 51.8



#72
4-Ethyltoluene
Concen: 10.268 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:105 Resp: 3022722
Ion Ratio Lower Upper
105 100
120 29.5 24.2 36.2
91 12.8 10.2 15.4
77 13.3 11.1 16.7

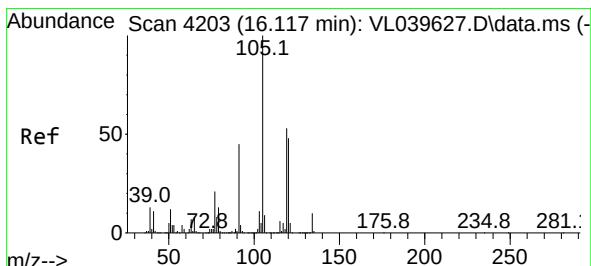
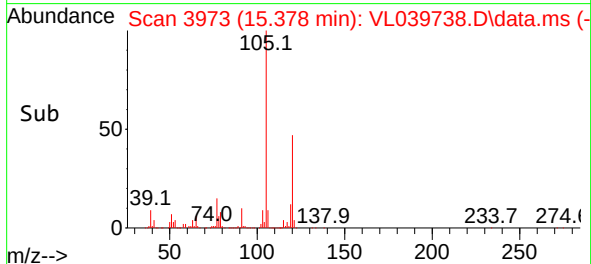
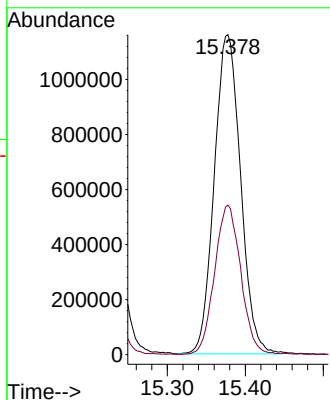
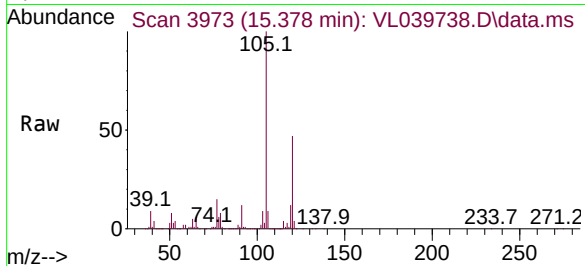




#73
 1,3,5-Trimethylbenzene
 Concen: 10.104 ppbv
 RT: 15.378 min Scan# 3967
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

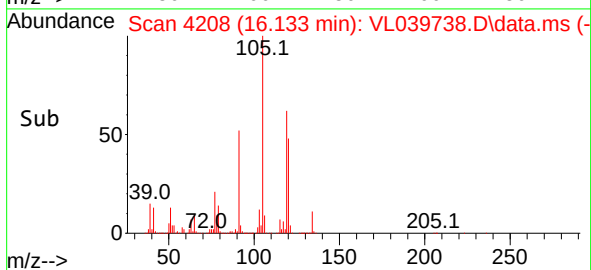
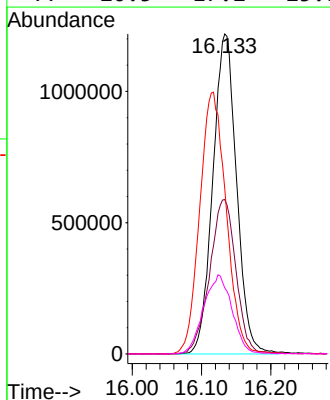
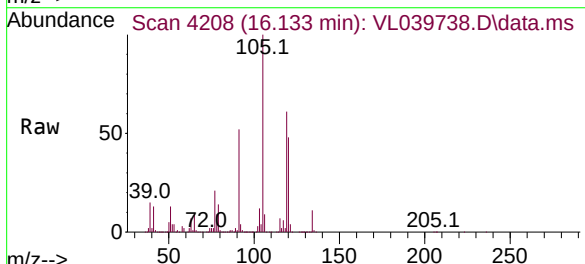
Instrument :
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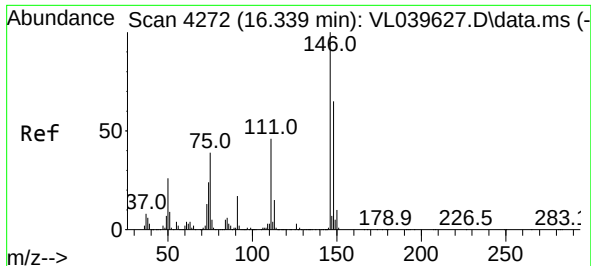
Tgt Ion:105 Resp: 2721690
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 9.601 ppbv
 RT: 16.133 min Scan# 4208
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Tgt Ion:105 Resp: 2898873
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.5 59.3
 91 51.3 39.2 58.8
 77 20.5 17.2 25.8

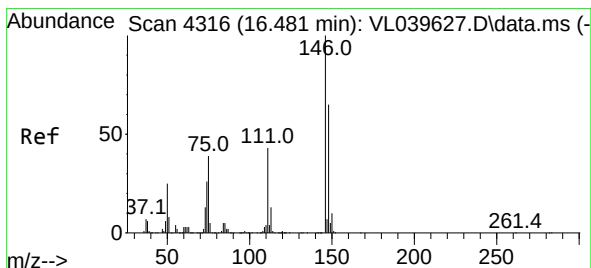
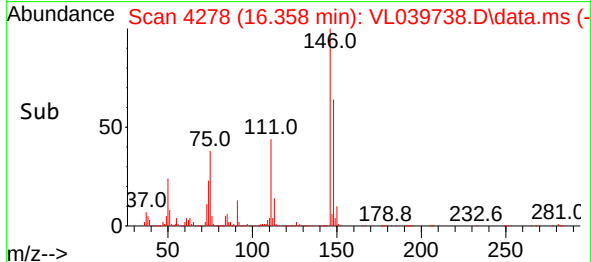
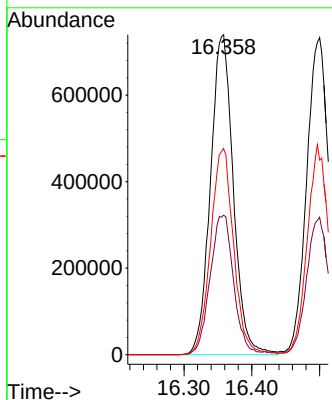
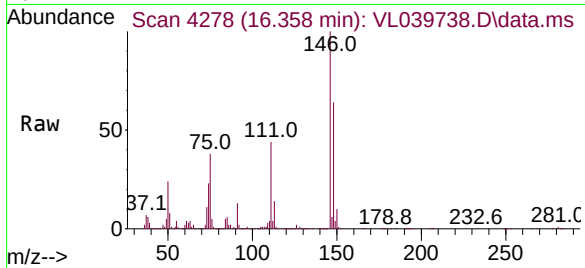




#75
1,3-Dichlorobenzene
Concen: 9.614 ppbv
RT: 16.358 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

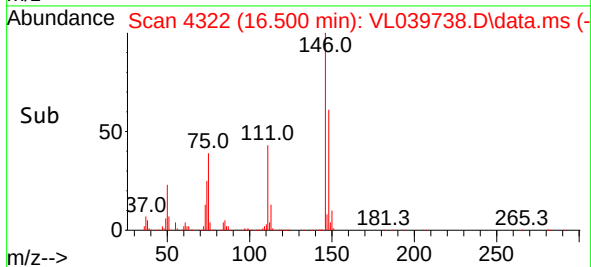
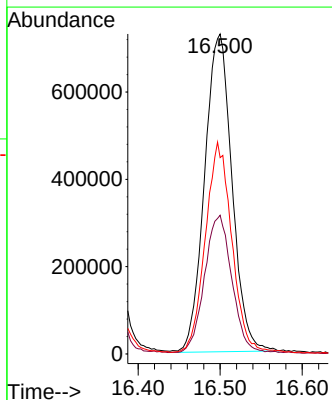
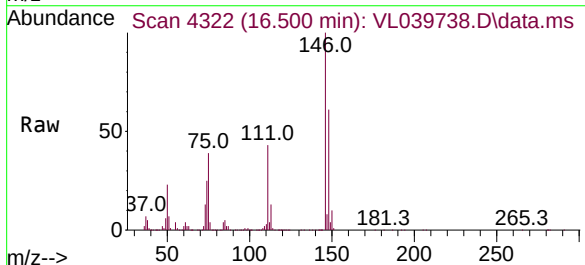
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

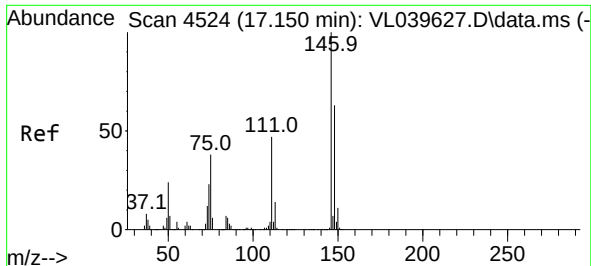
Tgt Ion:146 Resp: 1732002
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.7
148 65.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 9.381 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:146 Resp: 1690706
Ion Ratio Lower Upper
146 100
111 44.5 22.9 68.8
148 65.6 33.6 100.8

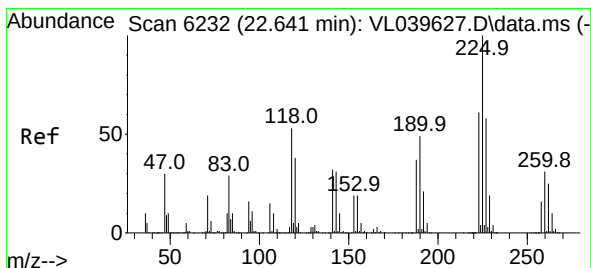
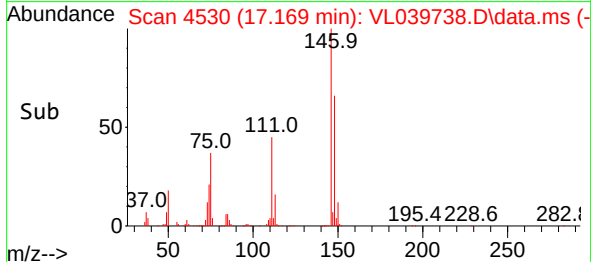
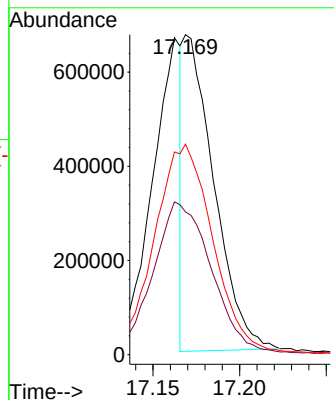
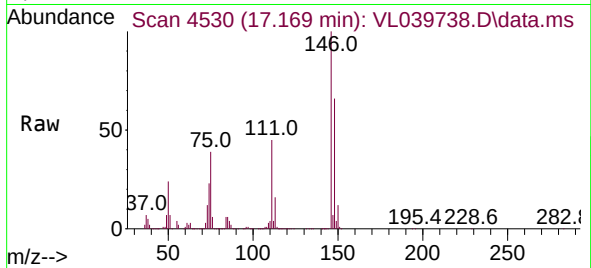




#77
1,2-Dichlorobenzene
Concen: 4.681 ppbv
RT: 17.169 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

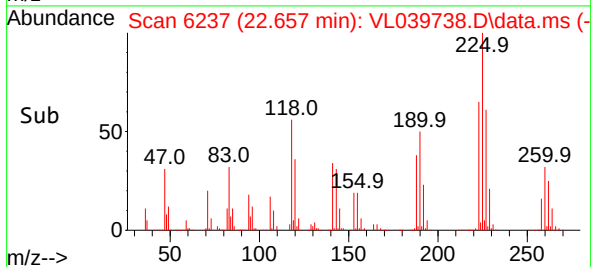
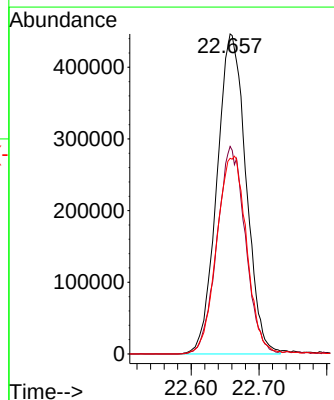
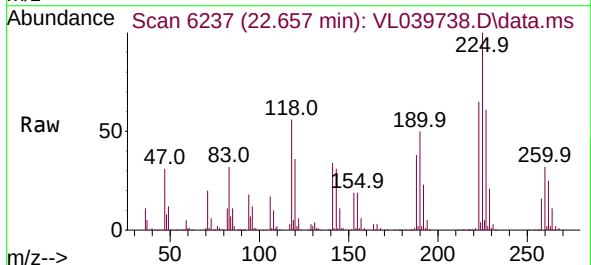
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

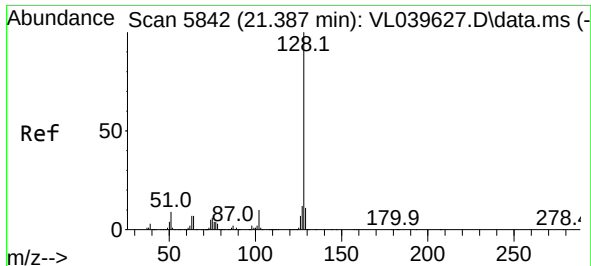
Tgt Ion:146 Resp: 822445
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5#
148 130.7 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 9.902 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. -0.003 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:225 Resp: 1329297
Ion Ratio Lower Upper
225 100
223 63.5 51.8 77.6
227 64.3 51.4 77.2

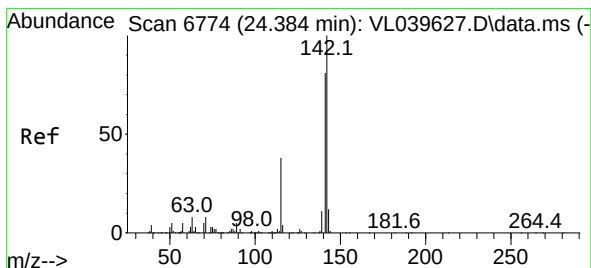
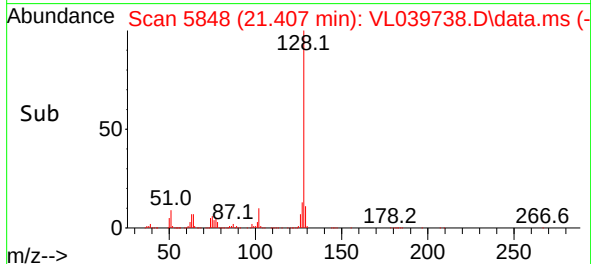
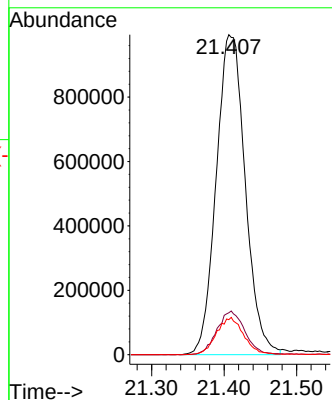
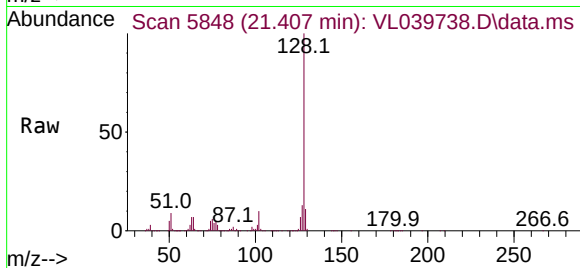




#79
Naphthalene
Concen: 13.853 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

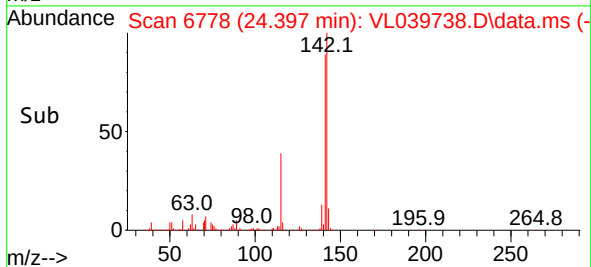
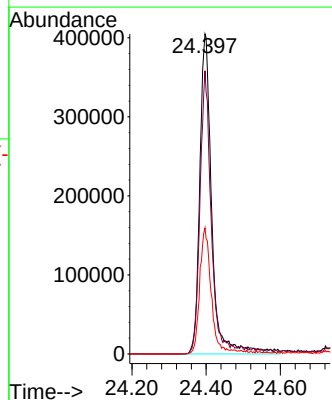
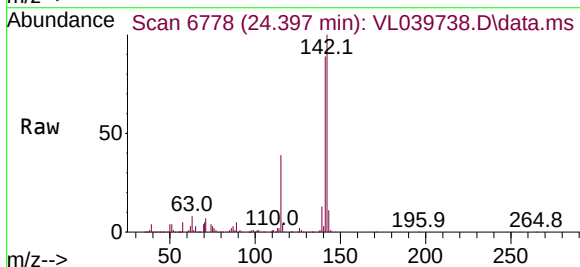
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

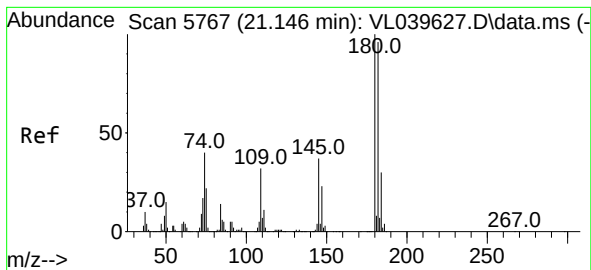
Tgt Ion:128 Resp: 2760489
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 12.190 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. -0.000 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

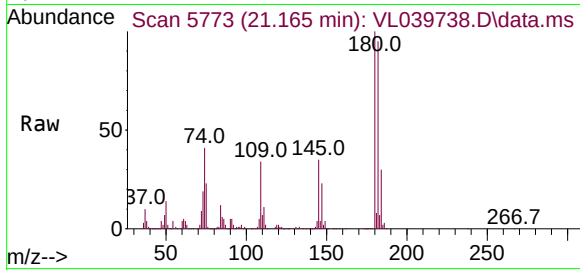
Tgt Ion:142 Resp: 913285
Ion Ratio Lower Upper
142 100
141 82.9 68.9 103.3
115 38.3 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.812 ppbv
 RT: 21.165 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1545990

Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.1	115.7
184	30.6	24.3	36.5

