

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039718.D
 Acq On : 17 Oct 2022 13:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 18 05:18:31 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 : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.224	49	1088407	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2866756	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.491	117	2662102	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1967689	9.902	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.768	85	959030	7.600	ppbv	98
3) Chlorodifluoromethane	2.713	51	1152637	8.924	ppbv	97
4) Chloromethane	2.851	50	714458	9.166	ppbv	97
5) Vinyl Chloride	2.957	62	583983	8.989	ppbv	100
6) Bromomethane	3.160	94	235788	9.841	ppbv	94
7) Chloroethane	3.234	64	218027	9.176	ppbv	99
8) Dichlorotetrafluoroethane	2.896	85	1356084	8.960	ppbv	95
9) Propene	2.732	41	524197	8.886	ppbv	100
10) Heptane	7.610	43	1336256	9.707	ppbv	99
11) Trichlorofluoromethane	3.600	101	1459532	9.340	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.105	101	1125169	9.533	ppbv	98
13) Ethanol	3.282	45	33341	7.418	ppbv	85
14) Bromoethene	3.401	108	457570	9.711	ppbv	100
15) Acetone	3.504	43	1084177	8.952	ppbv	98
16) 1,3-Butadiene	3.022	39	567652	9.239	ppbv	96
17) tert-Butyl alcohol	3.915	59	978457	9.002	ppbv	98
18) 1,1-Dichloroethene	3.915	96	493244	9.498	ppbv	95
19) Isopropyl Alcohol	3.613	45	524484	8.496	ppbv #	97
20) Methylene Chloride	3.970	84	412463	7.366	ppbv	96
21) Allyl Chloride	4.034	41	805501	9.767	ppbv	97
22) trans-1,2-Dichloroethene	4.481	96	518541	10.094	ppbv	98
23) Vinyl Acetate	4.661	43	467545	8.540	ppbv #	97
24) 1,1-Dichloroethane	4.600	63	1066184	9.779	ppbv	98
25) Ethyl Acetate	5.240	43	2408561	9.120	ppbv	99
26) Hexane	5.247	57	986238	8.800	ppbv	97
27) Carbon Disulfide	4.160	76	1254181	10.649	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	888815	9.440	ppbv	97
29) Chloroform	5.308	83	1525673	9.430	ppbv	99
30) Cyclohexane	6.632	84	821152	9.462	ppbv	92
31) cis-1,2-Dichloroethene	5.111	61	953536	9.407	ppbv	98
32) 1,1,1-Trichloroethane	6.037	97	1448272	9.888	ppbv	98
34) 2-Butanone	4.822	43	1228230	8.723	ppbv	98
35) Carbon Tetrachloride	6.526	117	1535342	10.089	ppbv	98
36) Benzene	6.401	78	2080880	9.494	ppbv	98
37) 1,2-Dichloroethane	5.838	62	1140816	9.564	ppbv	99
38) Trichloroethene	7.324	130	1209393	10.210	ppbv	96
39) 1,2-Dichloropropane	7.105	63	781456	9.234	ppbv	97
40) 1,4-Dioxane	7.320	88	299502	8.667	ppbv	85
41) Tetrahydrofuran	5.591	42	837662	9.697	ppbv	96
42) Bromodichloromethane	7.279	83	1618728	9.756	ppbv	100
43) Methyl Methacrylate	7.504	69	816879	10.224	ppbv	99
44) 2,2,4-Trimethylpentane	7.356	57	3530409	9.345	ppbv	99
45) t-1,3-Dichloropropene	8.738	75	759946	11.256	ppbv	96

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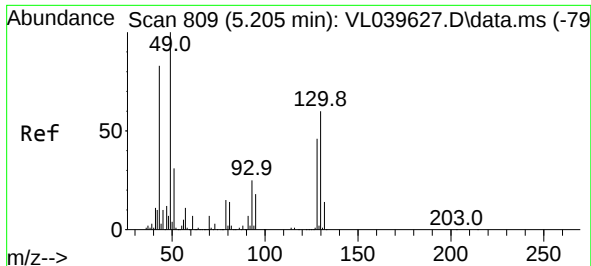
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1056419	10.992	ppbv	99
47) 1,1,2-Trichloroethane	8.928	97	852291	9.213	ppbv	97
48) Dibromochloromethane	9.738	129	1400653	10.055	ppbv	100
49) Bromoform	12.433	173	1128804	9.797	ppbv	100
50) 4-Methyl-2-Pentanone	8.214	43	2207811	9.978	ppbv	98
51) 2-Hexanone	9.578	43	1707702	10.426	ppbv #	98
52) Tetrachloroethene	10.645	164	769791	9.206	ppbv	99
53) Toluene	9.250	91	2425128	9.949	ppbv	100
54) 1,2-Dibromoethane	10.037	107	971702	9.819	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.536	131	1022637	9.506	ppbv	99
57) Chlorobenzene	11.558	112	1816816	9.281	ppbv	98
58) Ethyl Benzene	12.114	91	3153814	10.275	ppbv	97
59) m/p-Xylene	12.401	91	2695302	9.867	ppbv #	31
60) o-Xylene	13.085	91	2548013	9.768	ppbv	99
61) Styrene	12.925	104	1500075	10.678	ppbv	98
62) Isopropylbenzene	14.056	105	3675660	9.364	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.073	83	940934	9.043	ppbv	99
64) n-propylbenzene	14.941	120	946047	9.412	ppbv	95
65) tert-Butylbenzene	16.117	119	3230225	9.315	ppbv	99
66) Benzyl Chloride	16.355	91	238060	8.622	ppbv	99
67) sec-Butylbenzene	16.664	105	4475912	9.202	ppbv	99
69) p-Isopropyltoluene	17.021	119	3757349	9.401	ppbv	99
70) n-Butylbenzene	17.912	91	3762150	9.602	ppbv	99
71) 2-Chlorotoluene	14.828	91	2654445	9.366	ppbv	100
72) 4-Ethyltoluene	15.220	105	2911850	9.778	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2633579	9.665	ppbv	99
74) 1,2,4-Trimethylbenzene	16.134	105	2835413	9.283	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	1696470	9.308	ppbv	100
76) 1,4-Dichlorobenzene	16.500	146	1657303	9.090	ppbv	99
77) 1,2-Dichlorobenzene	17.169	146	1628177	9.161	ppbv	99
78) Hexachloro-1,3-Butadiene	22.661	225	1290487	9.503	ppbv	99
79) Naphthalene	21.407	128	2765914	13.721	ppbv	99
80) Naphthalene,2-methyl-	24.397	142	998297	13.172	ppbv	98
81) 1,2,4-Trichlorobenzene	21.166	180	1542671	11.652	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

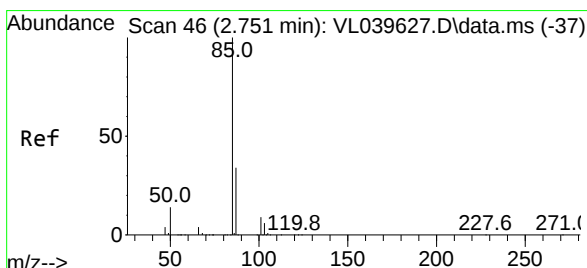
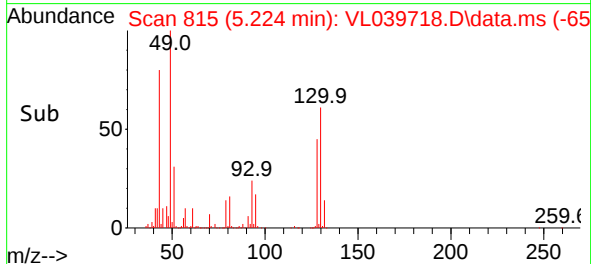
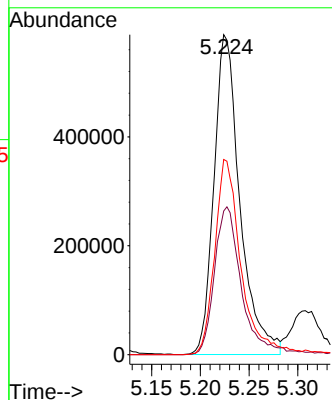
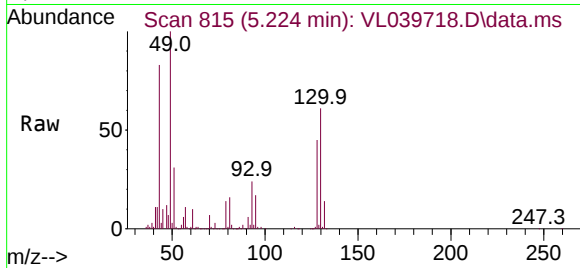




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

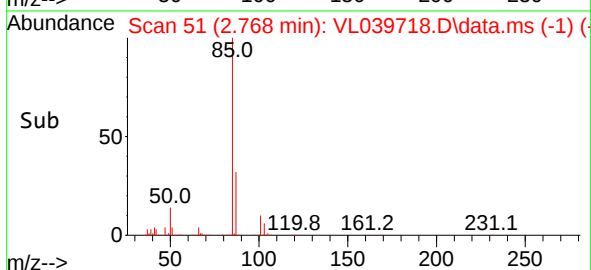
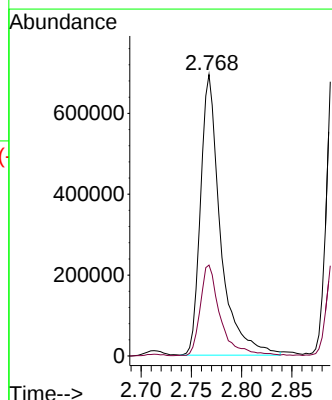
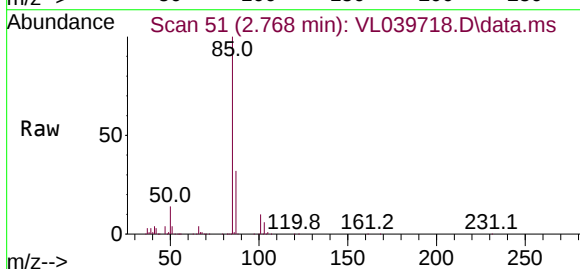
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

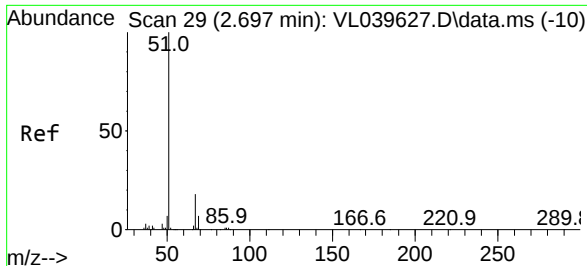
Tgt Ion: 49 Resp: 1088407
Ion Ratio Lower Upper
49 100
128 49.3 26.7 80.0
130 63.2 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 7.600 ppbv
RT: 2.768 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 85 Resp: 959030
Ion Ratio Lower Upper
85 100
87 32.2 26.7 40.1

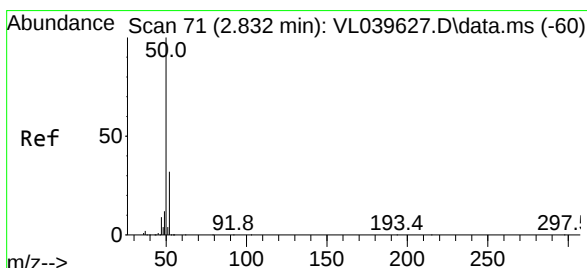
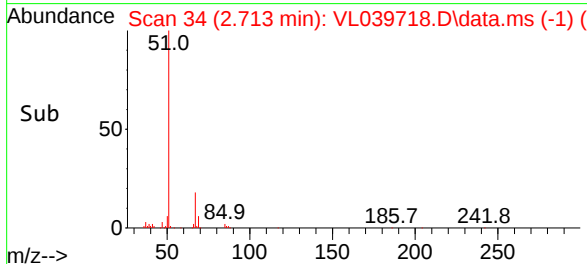
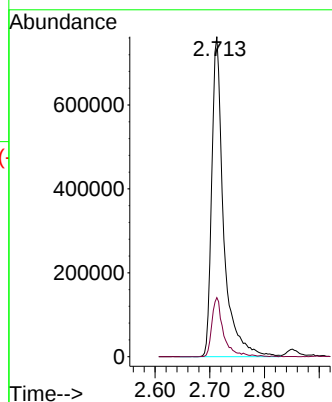
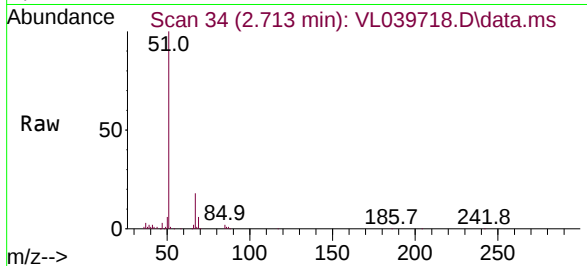




#3
Chlorodifluoromethane
Concen: 8.924 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

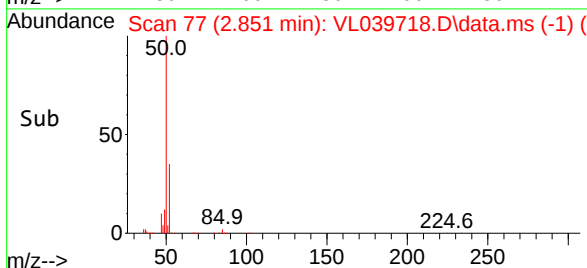
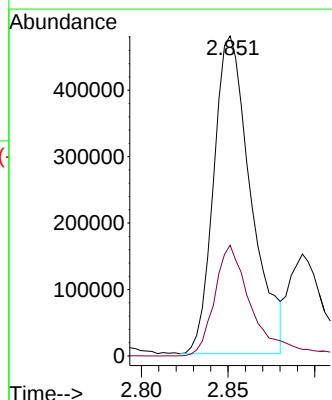
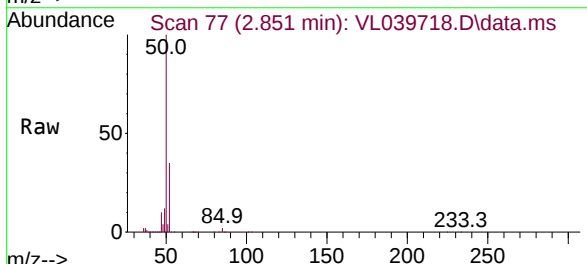
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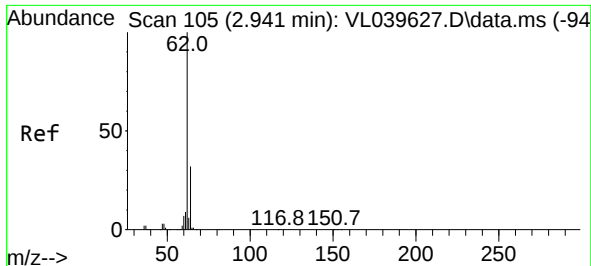
Tgt Ion: 51 Resp: 1152637
Ion Ratio Lower Upper
51 100
67 18.3 15.7 23.5



#4
Chloromethane
Concen: 9.166 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 50 Resp: 714458
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

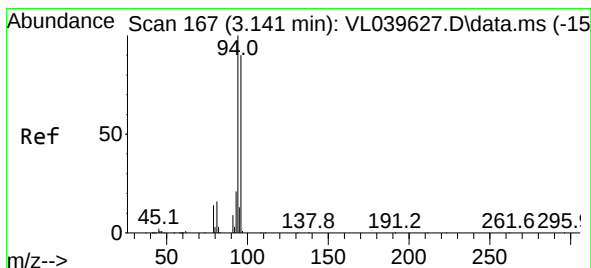
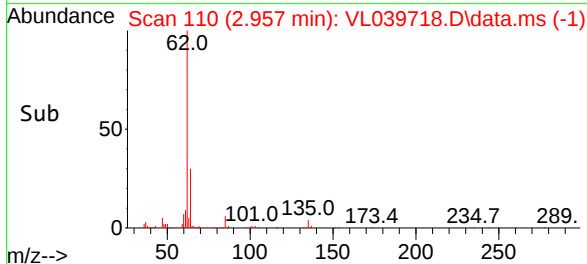
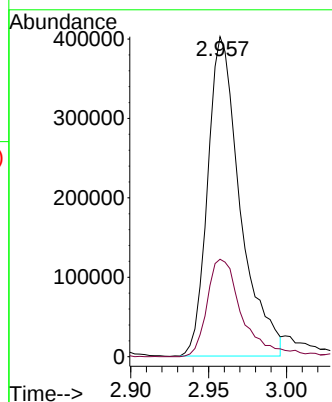
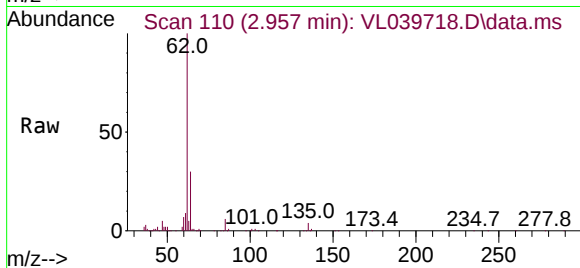




#5
 Vinyl Chloride
 Concen: 8.989 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

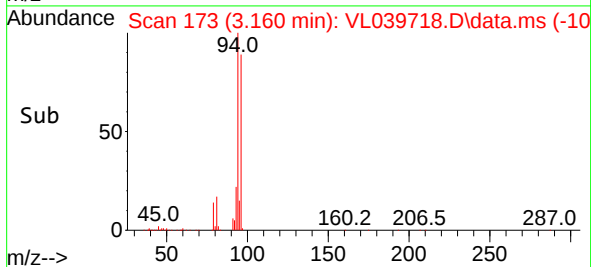
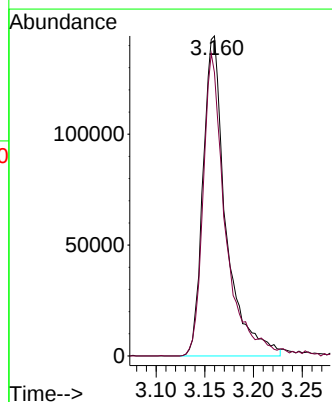
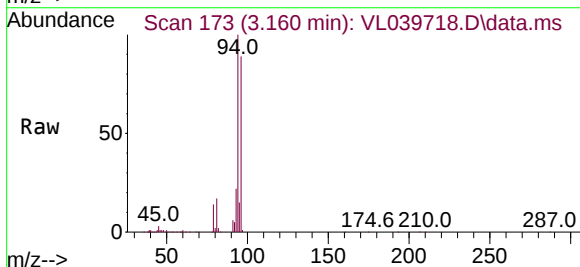
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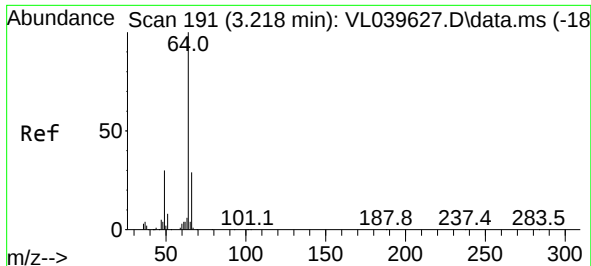
Tgt Ion: 62 Resp: 583983
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.6 36.8



#6
 Bromomethane
 Concen: 9.841 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 94 Resp: 235788
 Ion Ratio Lower Upper
 94 100
 96 88.6 75.6 113.4

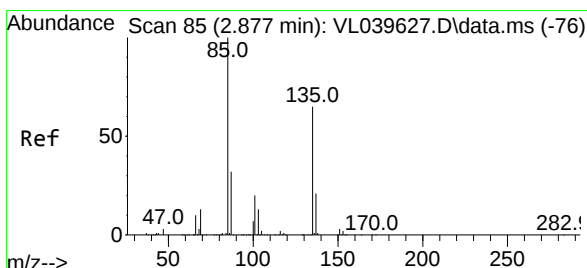
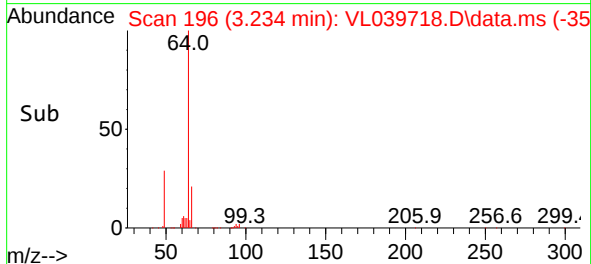
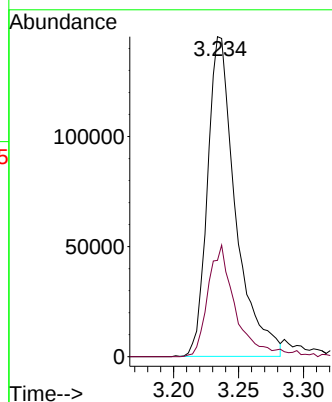
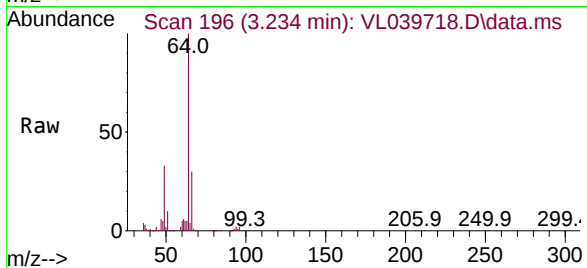




#7
Chloroethane
Concen: 9.176 ppbv
RT: 3.234 min Scan# 191
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

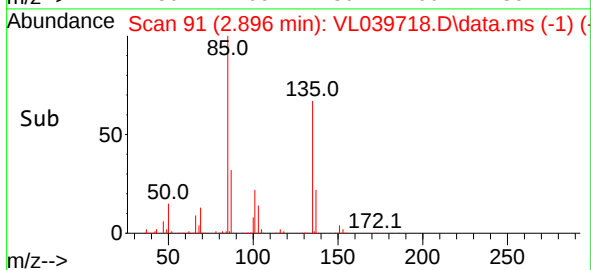
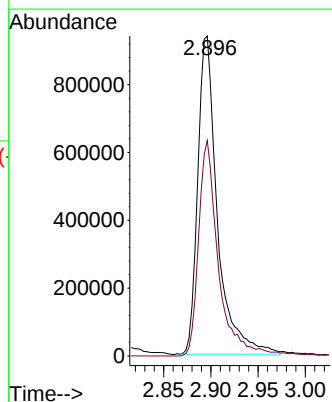
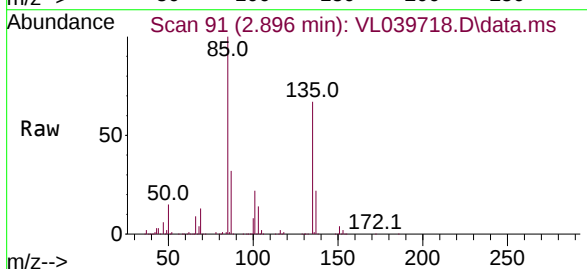
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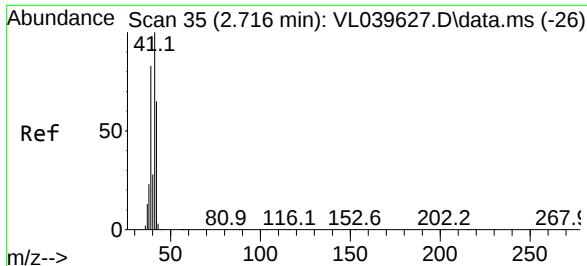
Tgt Ion: 64 Resp: 218027
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 8.960 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 85 Resp: 1356084
Ion Ratio Lower Upper
85 100
135 69.1 59.0 88.4

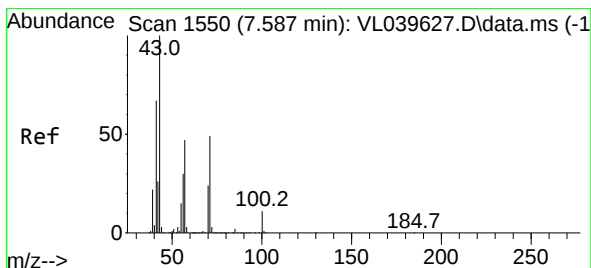
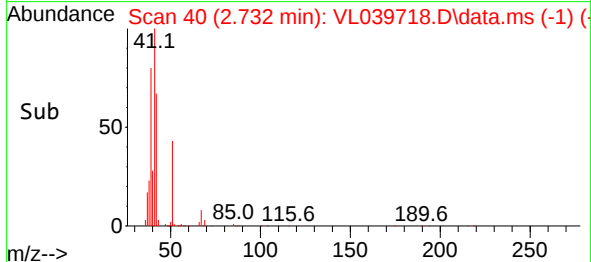
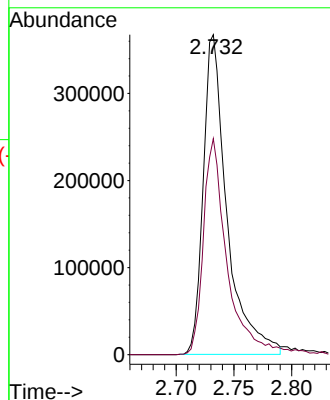
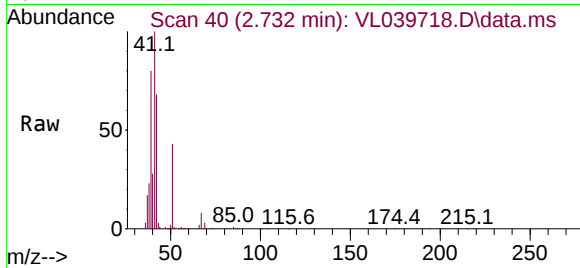




#9
 Propene
 Concen: 8.886 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

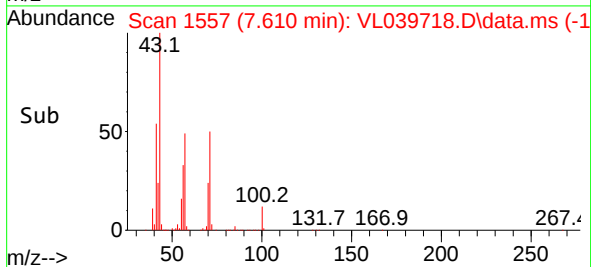
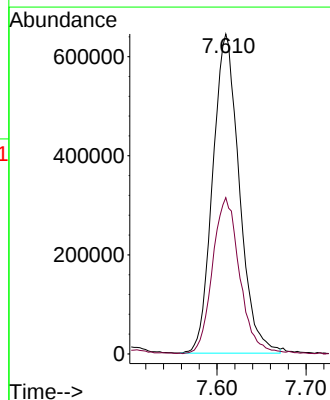
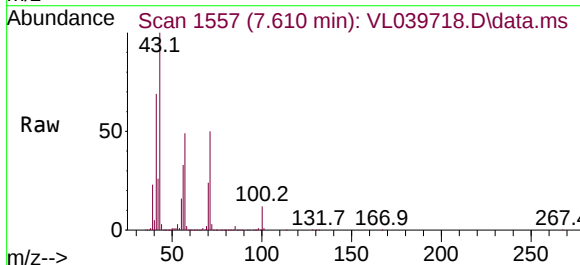
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

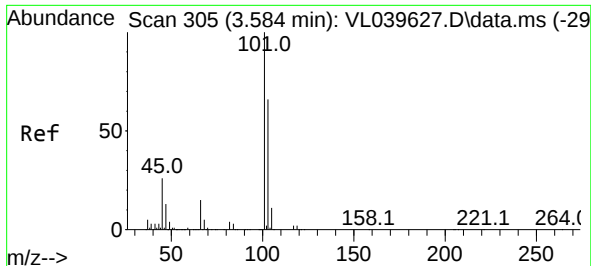
Tgt Ion: 41 Resp: 524197
 Ion Ratio Lower Upper
 41 100
 42 68.8 55.2 82.8



#10
 Heptane
 Concen: 9.707 ppbv
 RT: 7.610 min Scan# 1557
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 43 Resp: 1336256
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7

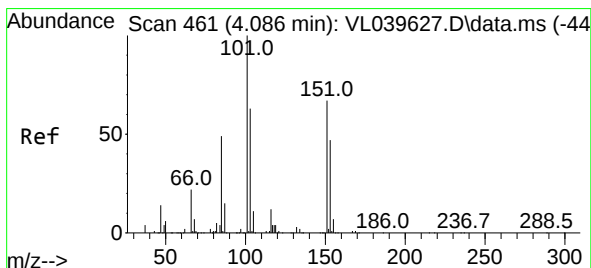
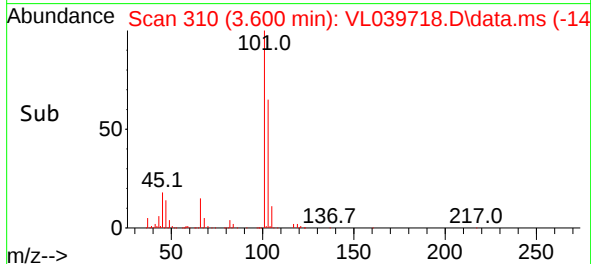
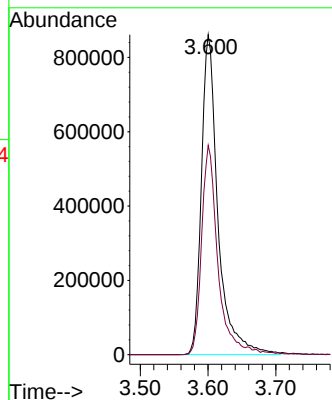
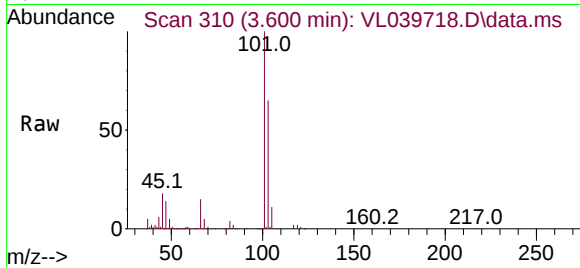




#11
 Trichlorofluoromethane
 Concen: 9.340 ppbv
 RT: 3.600 min Scan# 310
 Delta R.T. 0.020 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

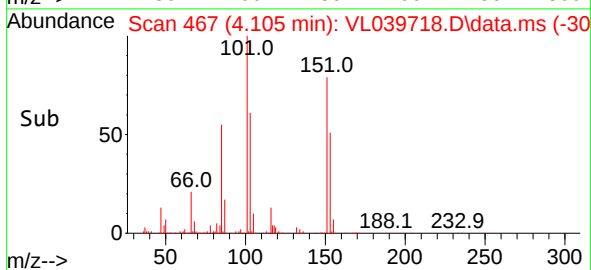
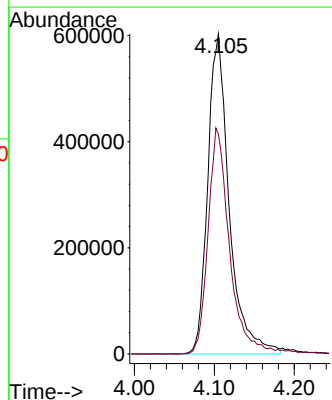
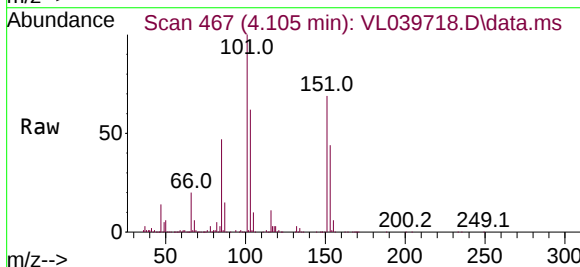
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

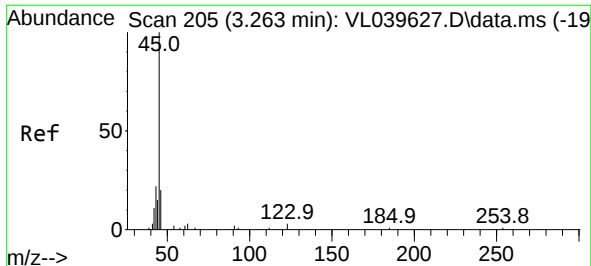
Tgt Ion:101 Resp: 1459532
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.533 ppbv
 RT: 4.105 min Scan# 467
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion:101 Resp: 1125169
 Ion Ratio Lower Upper
 101 100
 151 71.6 58.9 88.3

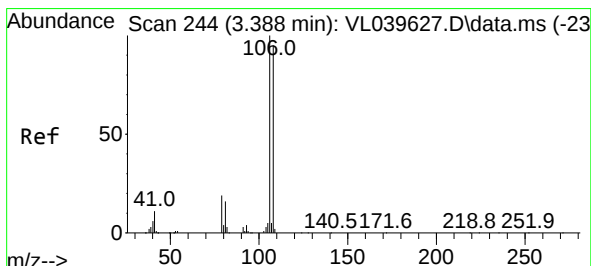
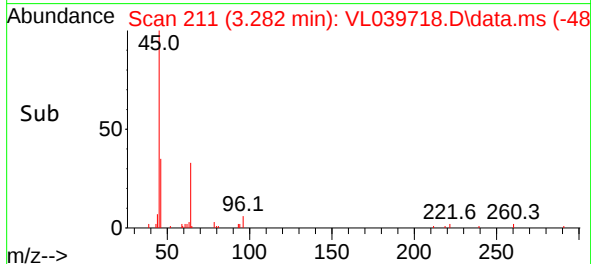
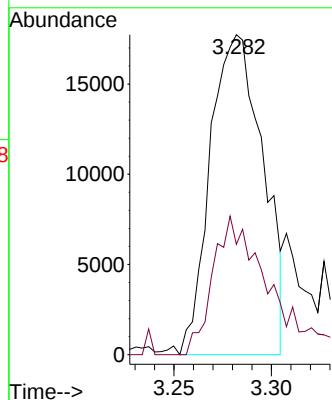
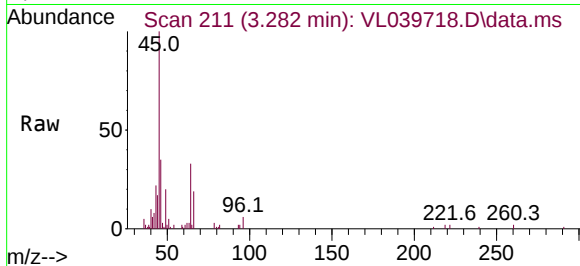




#13
Ethanol
Concen: 7.418 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

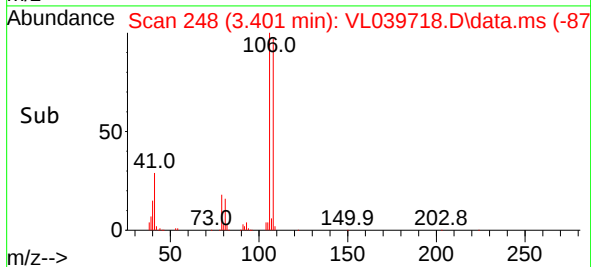
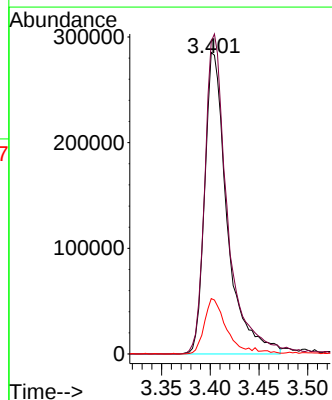
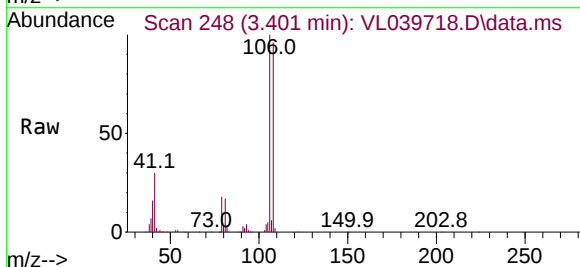
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

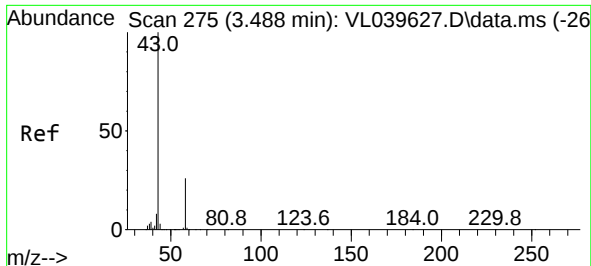
Tgt Ion: 45 Resp: 33341
Ion Ratio Lower Upper
45 100
46 46.3 22.8 91.2



#14
Bromoethene
Concen: 9.711 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.017 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 108 Resp: 457570
Ion Ratio Lower Upper
108 100
106 109.1 87.1 130.7
79 18.6 14.6 22.0





#15

Acetone

Concen: 8.952 ppbv

RT: 3.504 min Scan# 21

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

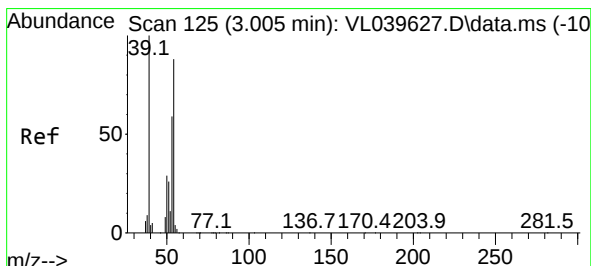
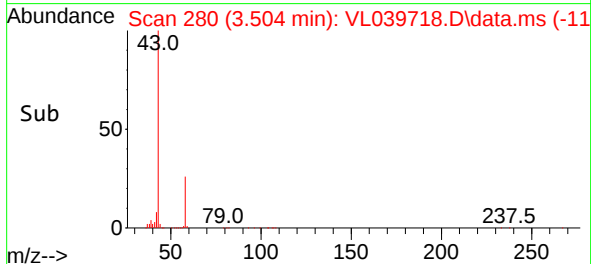
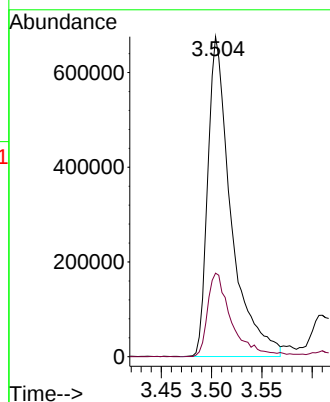
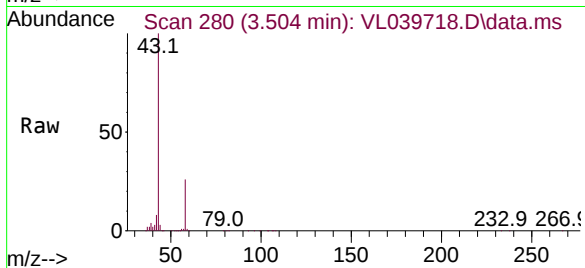
VSTDCCC010

Tgt Ion: 43 Resp: 1084177

Ion Ratio Lower Upper

43 100

58 27.2 21.0 31.6



#16

1,3-Butadiene

Concen: 9.239 ppbv

RT: 3.022 min Scan# 130

Delta R.T. 0.017 min

Lab File: VL039718.D

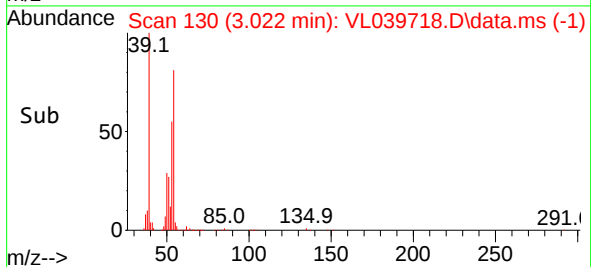
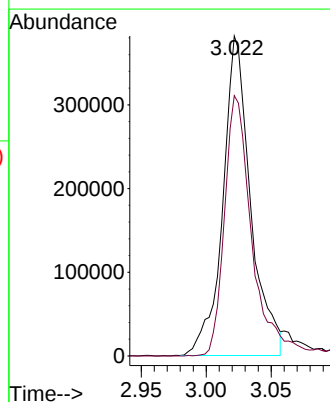
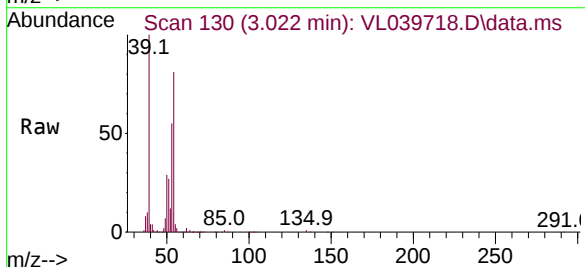
Acq: 17 Oct 2022 13:20

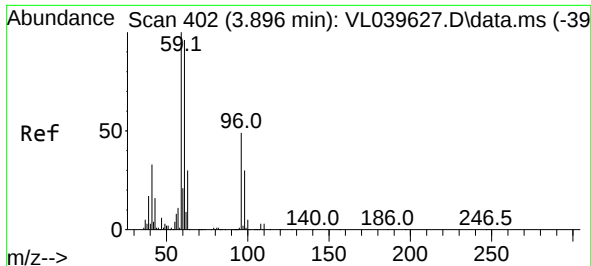
Tgt Ion: 39 Resp: 567652

Ion Ratio Lower Upper

39 100

54 83.2 63.7 95.5





#17

tert-Butyl alcohol

Concen: 9.002 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

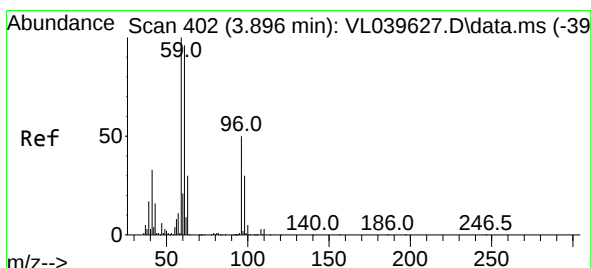
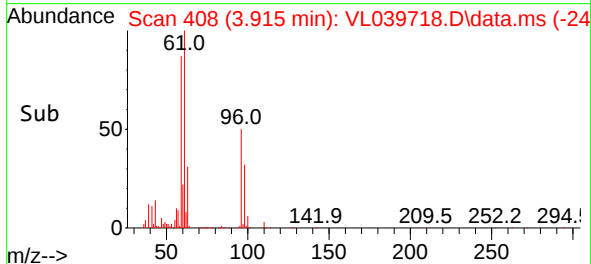
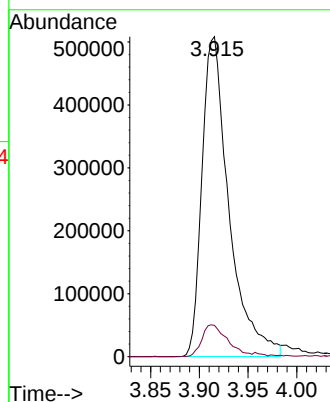
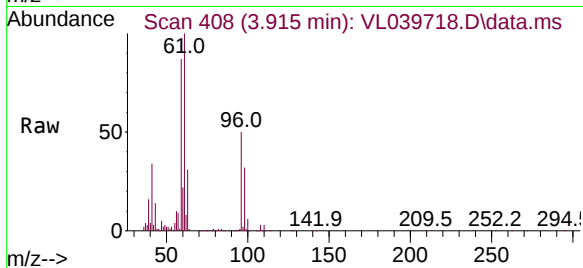
VSTDCCC010

Tgt Ion: 59 Resp: 978457

Ion Ratio Lower Upper

59 100

57 10.3 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.498 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.017 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

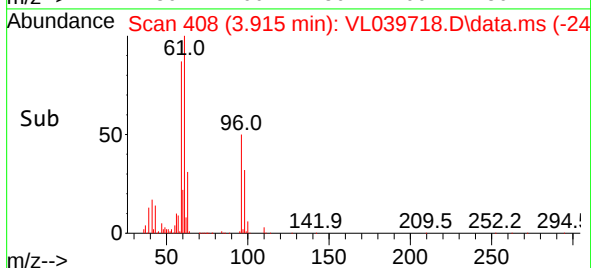
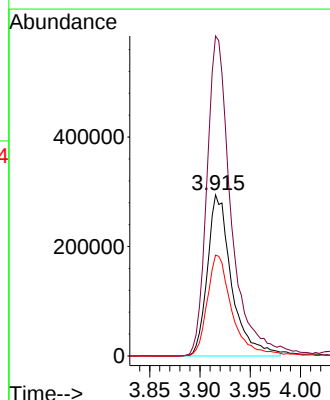
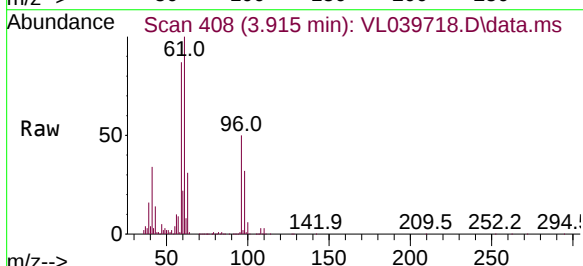
Tgt Ion: 96 Resp: 493244

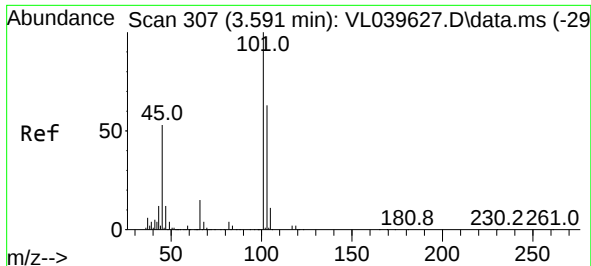
Ion Ratio Lower Upper

96 100

61 198.5 152.2 228.4

98 62.6 51.8 77.6

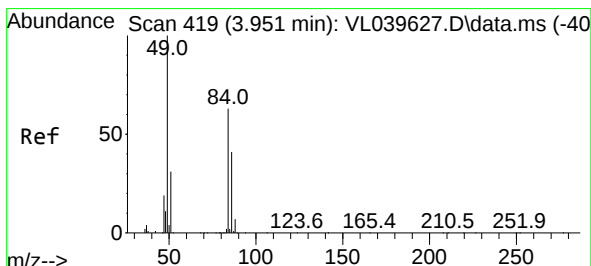
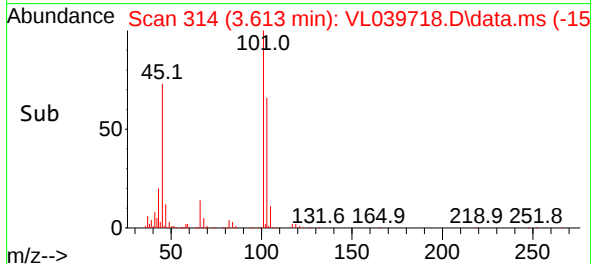
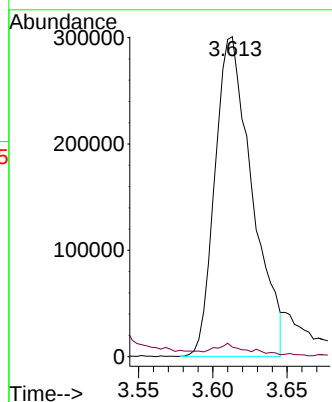
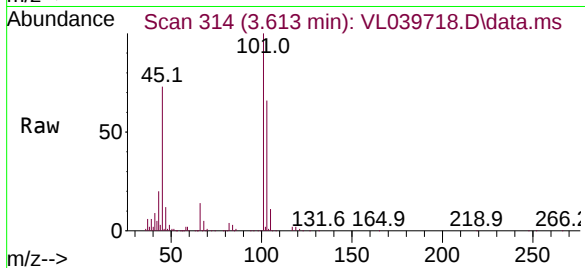




#19
Isopropyl Alcohol
Concen: 8.496 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

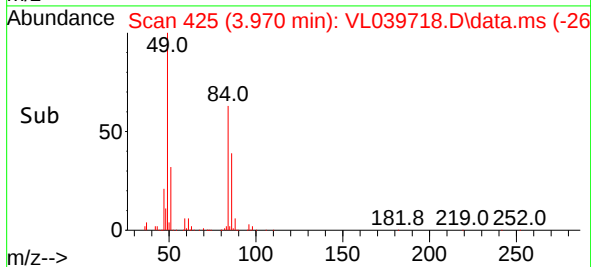
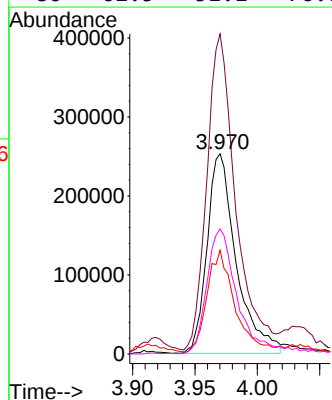
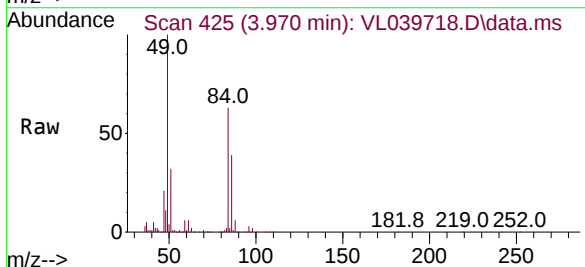
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

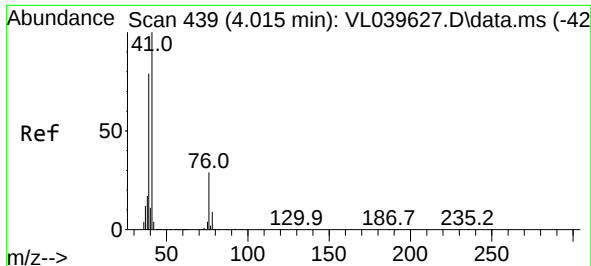
Tgt Ion: 45 Resp: 524484
Ion Ratio Lower Upper
45 100
58 4.9 3.2 4.8#



#20
Methylene Chloride
Concen: 7.366 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 84 Resp: 412463
Ion Ratio Lower Upper
84 100
49 158.1 123.1 184.7
51 50.8 34.4 51.6
86 62.5 51.1 76.7





#21

Allyl Chloride

Concen: 9.767 ppbv

RT: 4.034 min Scan# 445

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

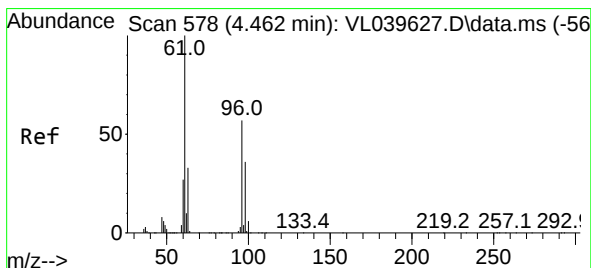
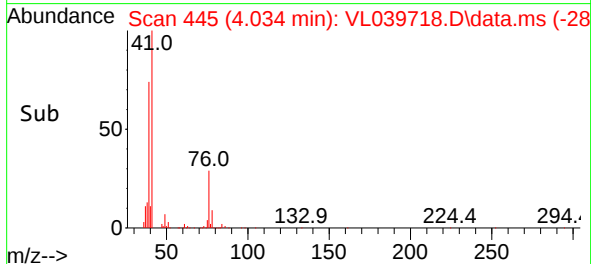
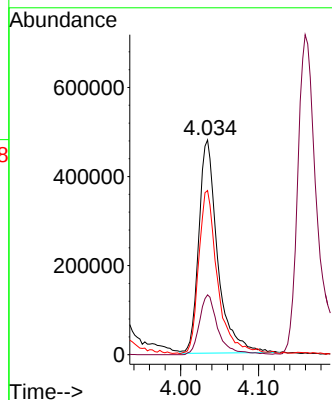
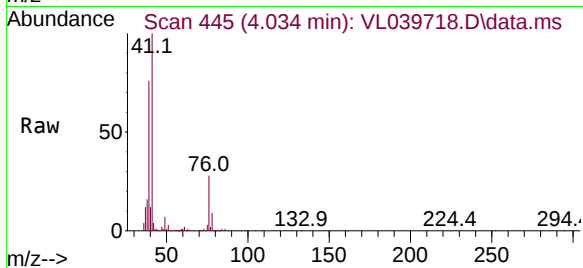
Tgt Ion: 41 Resp: 805501

Ion Ratio Lower Upper

41 100

76 27.6 24.4 36.6

39 77.2 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 10.094 ppbv

RT: 4.481 min Scan# 584

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

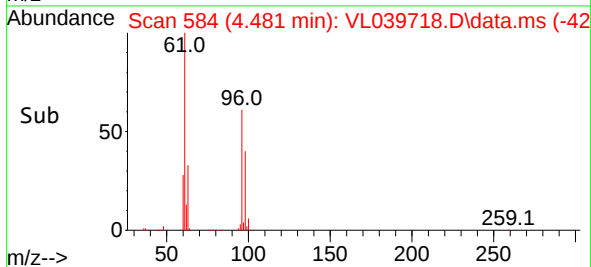
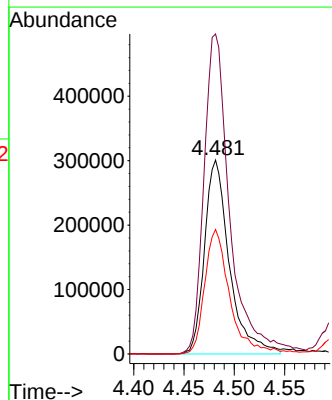
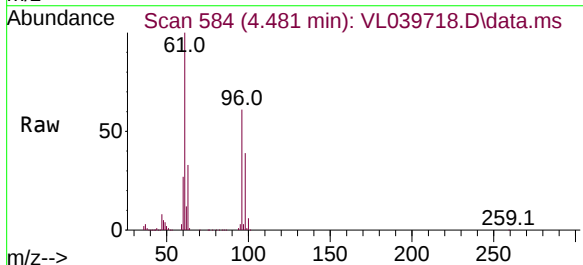
Tgt Ion: 96 Resp: 518541

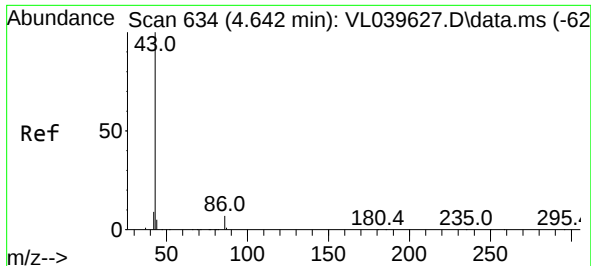
Ion Ratio Lower Upper

96 100

61 164.7 130.6 195.8

98 64.0 53.4 80.0

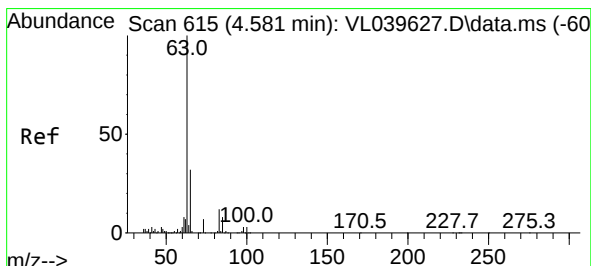
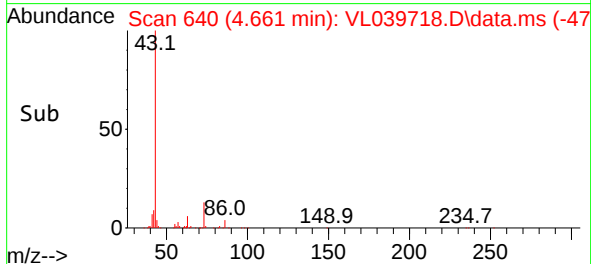
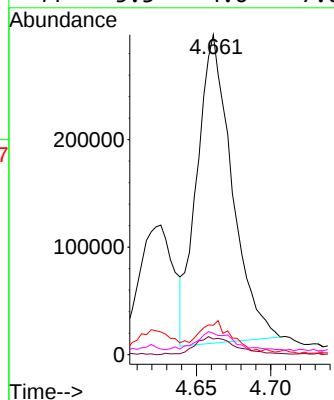
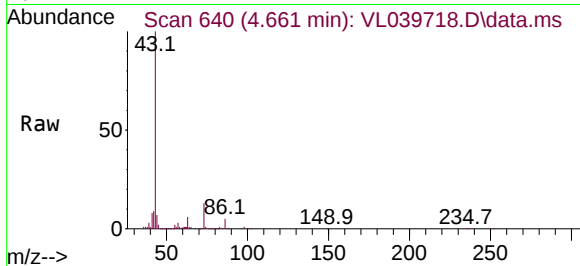




#23
 Vinyl Acetate
 Concen: 8.540 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

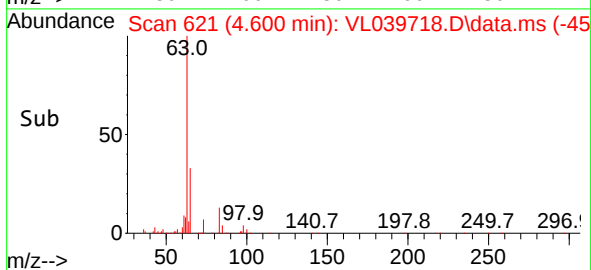
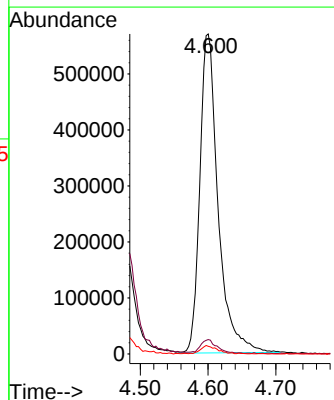
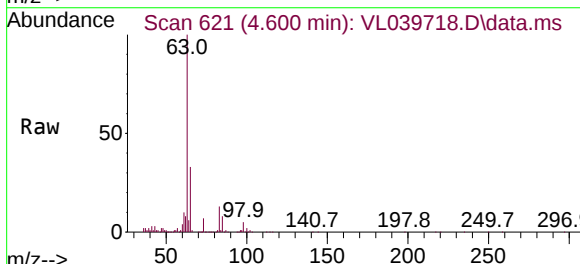
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

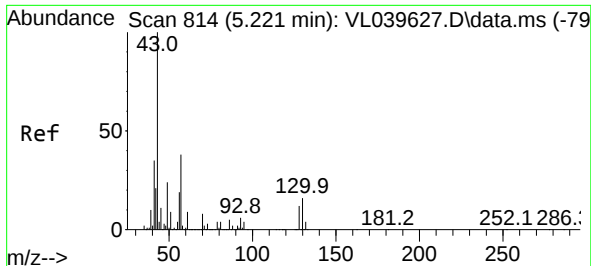
Tgt Ion: 43 Resp: 467545
 Ion Ratio Lower Upper
 43 100
 86 4.9 5.0 7.6#
 42 8.6 7.7 11.5
 44 5.3 4.6 7.0



#24
 1,1-Dichloroethane
 Concen: 9.779 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 63 Resp: 1066184
 Ion Ratio Lower Upper
 63 100
 98 4.3 1.8 5.3
 100 2.4 1.5 4.4



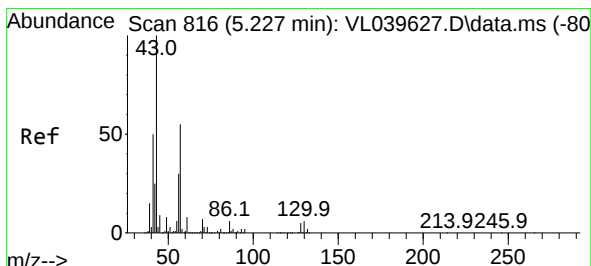
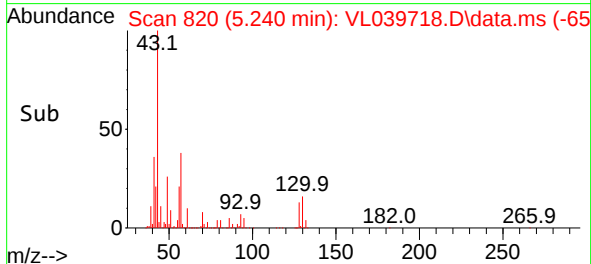
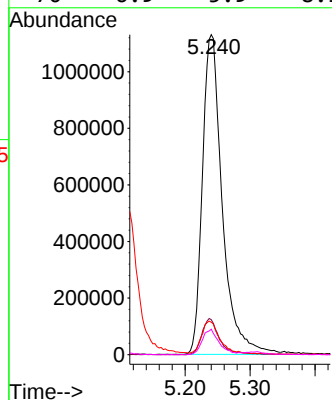
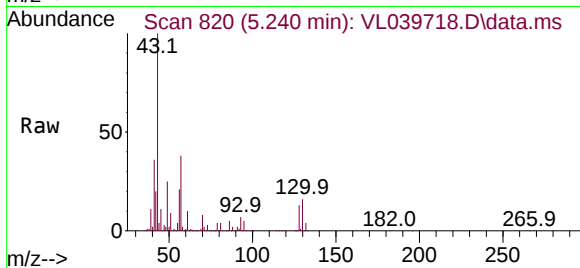


#25
Ethyl Acetate
Concen: 9.120 ppbv
RT: 5.240 min Scan# 814
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2408561

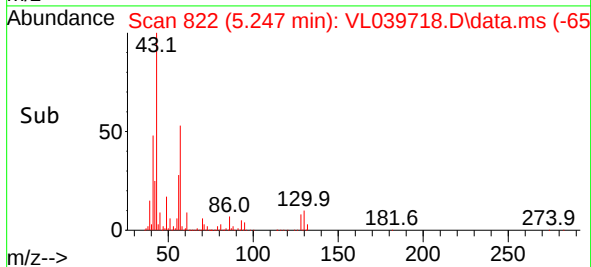
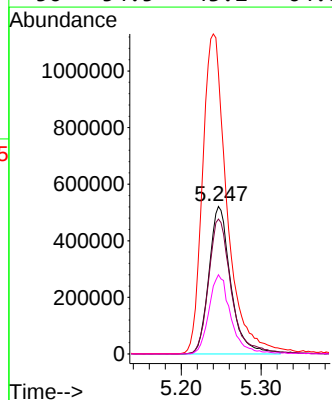
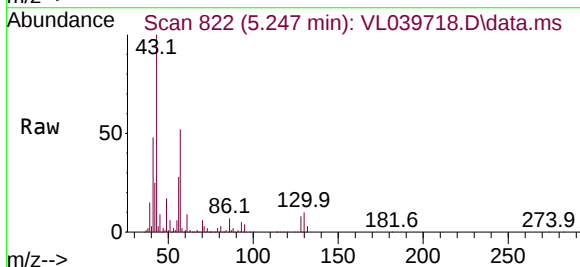
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.4	8.3	12.5
70	6.9	5.9	8.9

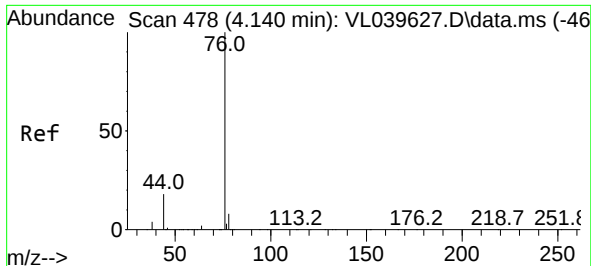


#26
Hexane
Concen: 8.800 ppbv
RT: 5.247 min Scan# 822
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 57 Resp: 986238

Ion	Ratio	Lower	Upper
57	100		
41	96.5	76.9	115.3
43	246.4	191.0	286.6
56	54.5	43.2	64.8



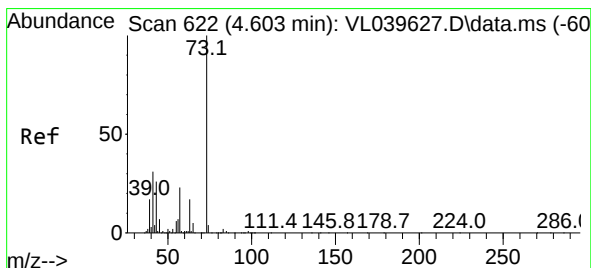
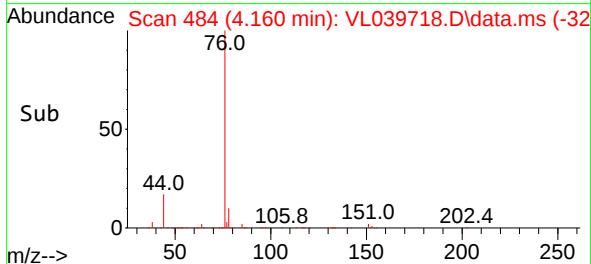
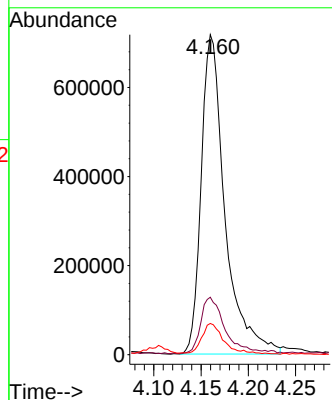
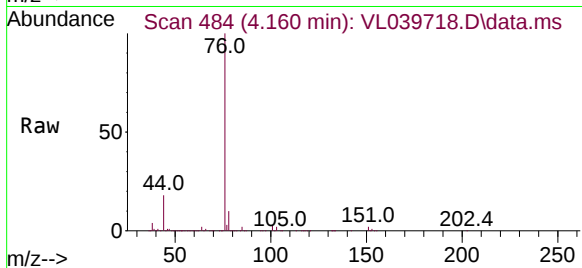


#27
Carbon Disulfide
Concen: 10.649 ppbv
RT: 4.160 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1254181

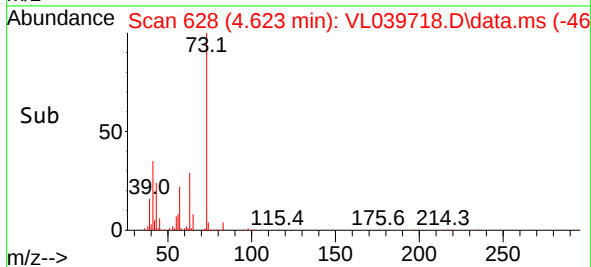
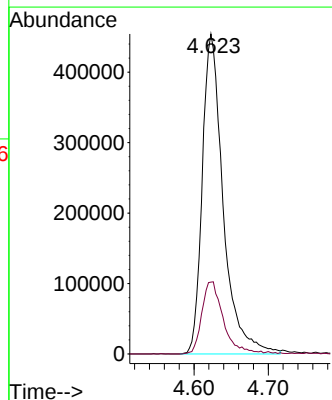
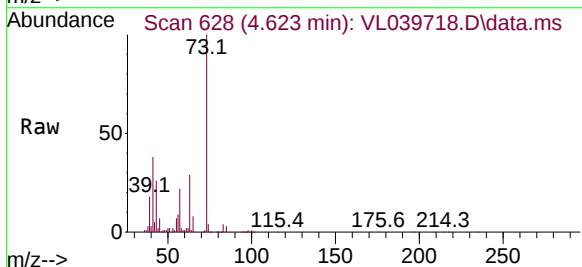
Ion	Ratio	Lower	Upper
76	100		
44	18.8	14.6	21.8
78	10.0	7.8	11.6

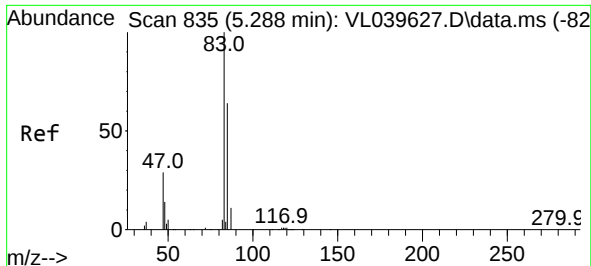


#28
Methyl tert-Butyl Ether
Concen: 9.440 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 73 Resp: 888815

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.8	29.8





#29

Chloroform

Concen: 9.430 ppbv

RT: 5.308 min Scan# 84

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

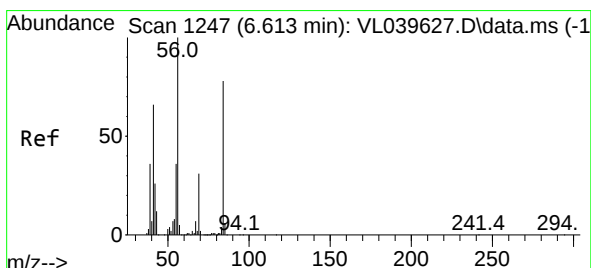
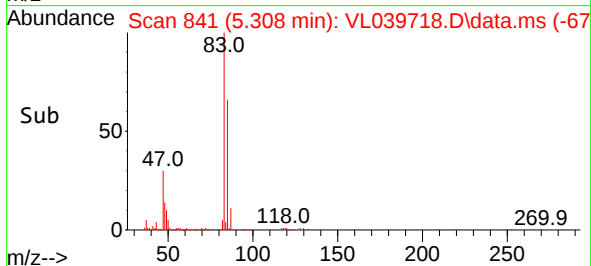
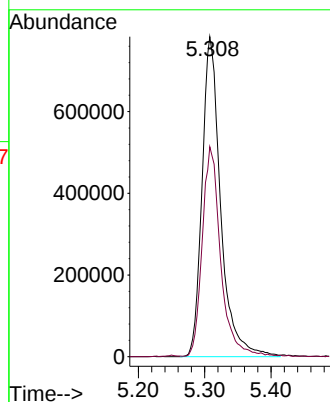
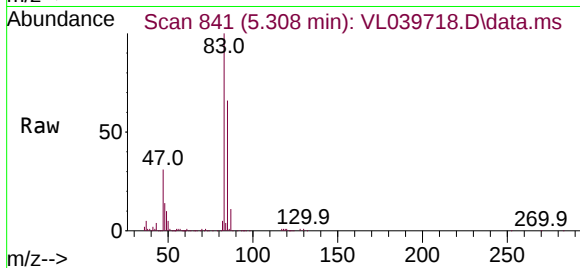
VSTDCCC010

Tgt Ion: 83 Resp: 1525673

Ion Ratio Lower Upper

83 100

85 65.4 52.8 79.2



#30

Cyclohexane

Concen: 9.462 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

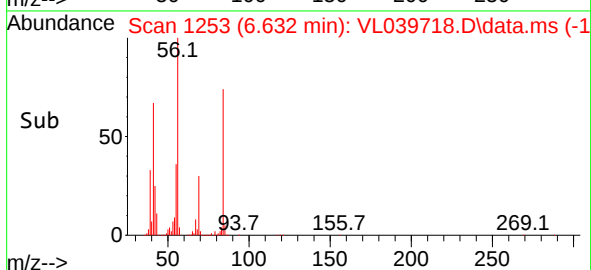
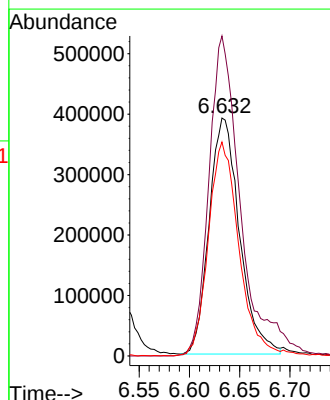
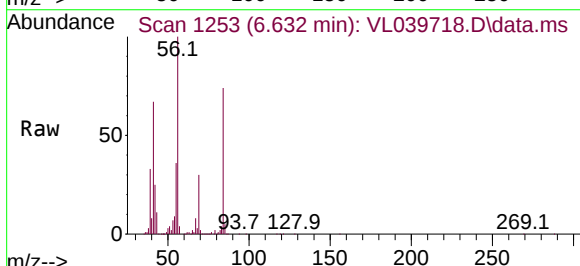
Tgt Ion: 84 Resp: 821152

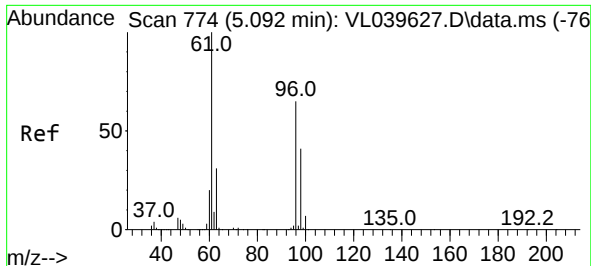
Ion Ratio Lower Upper

84 100

56 143.0 107.7 161.5

41 92.1 67.7 101.5

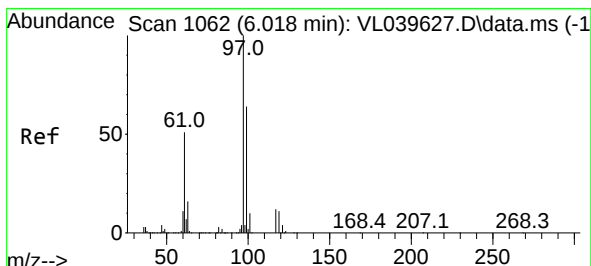
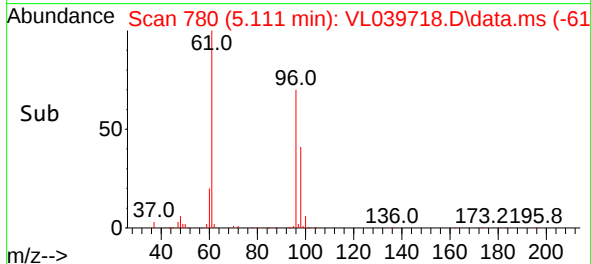
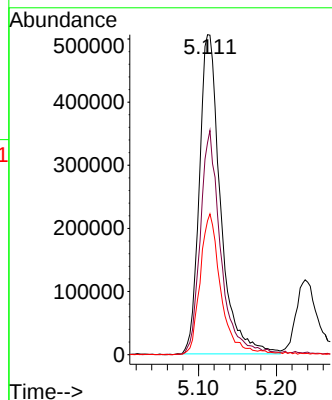
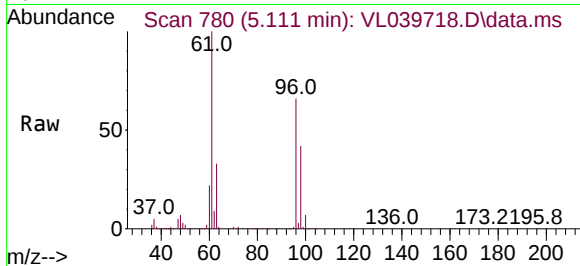




#31
 cis-1,2-Dichloroethene
 Concen: 9.407 ppbv
 RT: 5.111 min Scan# 774
 Delta R.T. 0.020 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

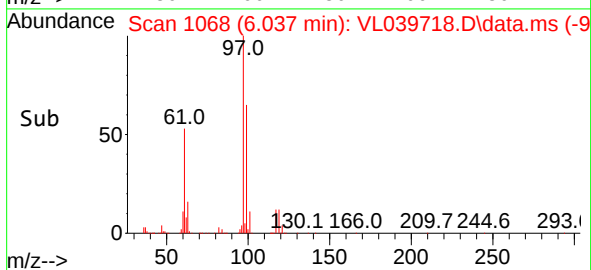
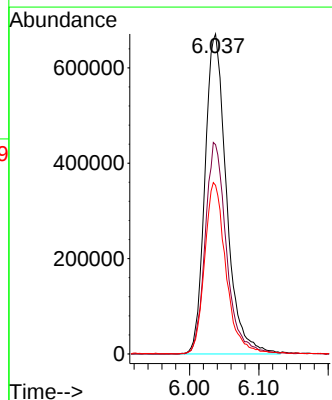
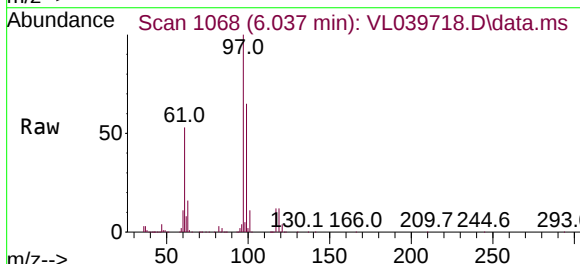
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

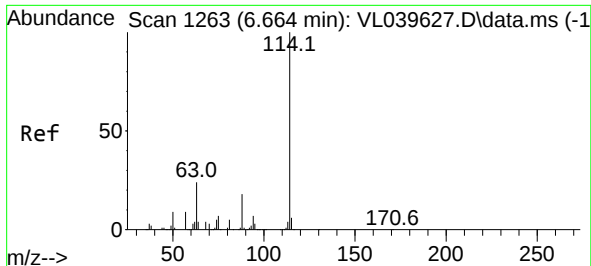
Tgt Ion: 61 Resp: 953536
 Ion Ratio Lower Upper
 61 100
 96 66.4 54.1 81.1
 98 41.8 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 9.888 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 97 Resp: 1448272
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.3 78.5
 61 53.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.687 min Scan# 11

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

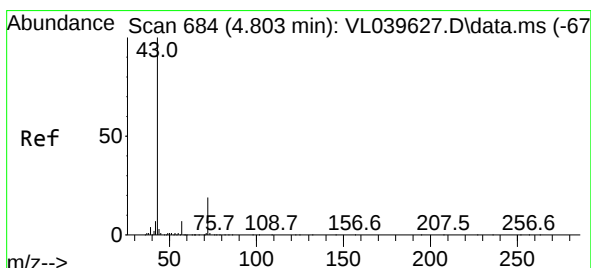
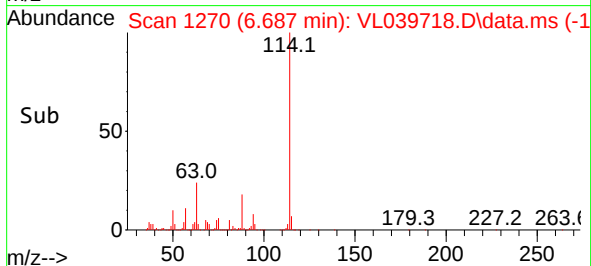
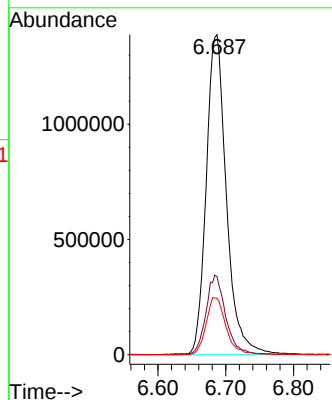
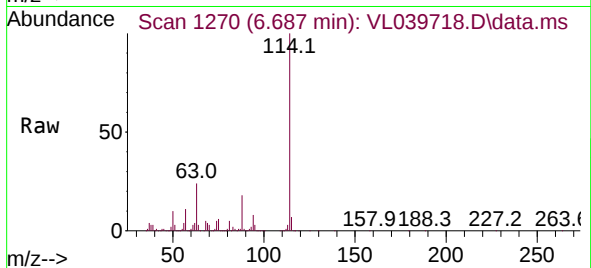
Tgt Ion:114 Resp: 2866756

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

88 17.7 14.5 21.7



#34

2-Butanone

Concen: 8.723 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.020 min

Lab File: VL039718.D

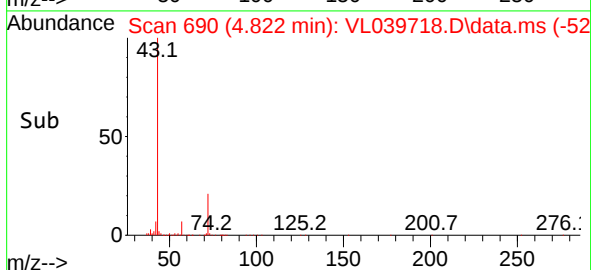
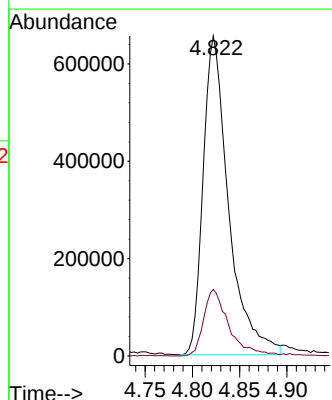
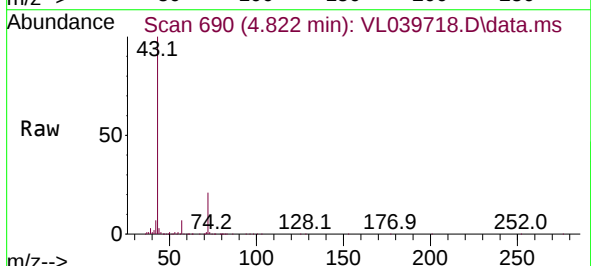
Acq: 17 Oct 2022 13:20

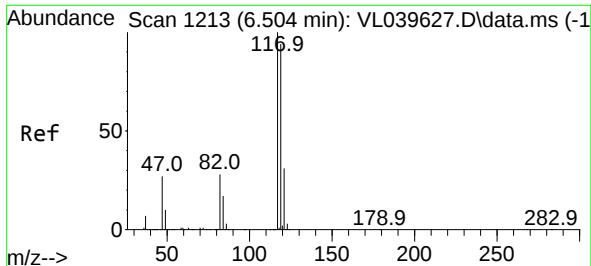
Tgt Ion: 43 Resp: 1228230

Ion Ratio Lower Upper

43 100

72 21.3 17.9 26.9

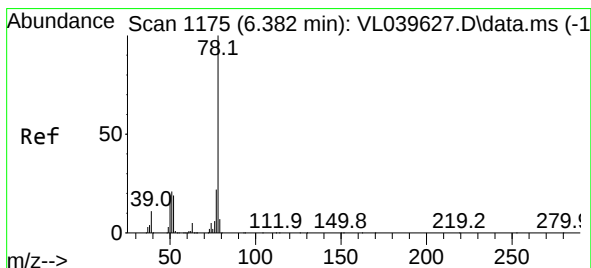
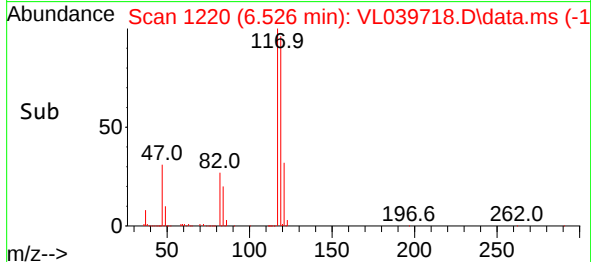
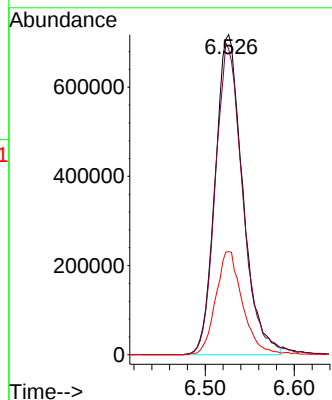
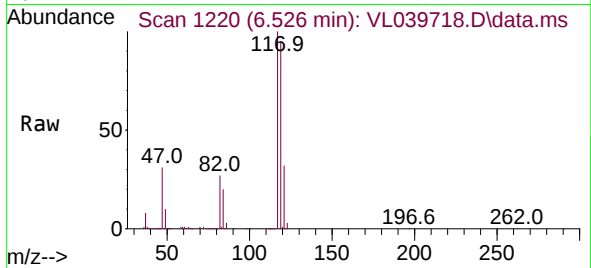




#35
Carbon Tetrachloride
Concen: 10.089 ppbv
RT: 6.526 min Scan# 1181
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

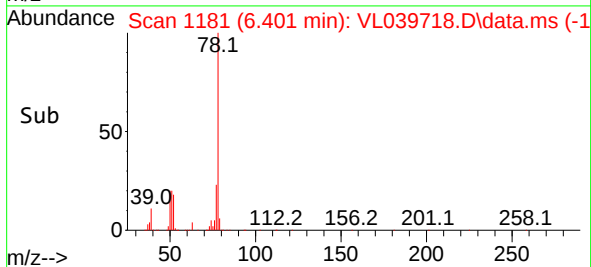
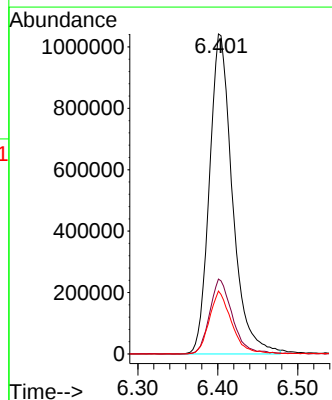
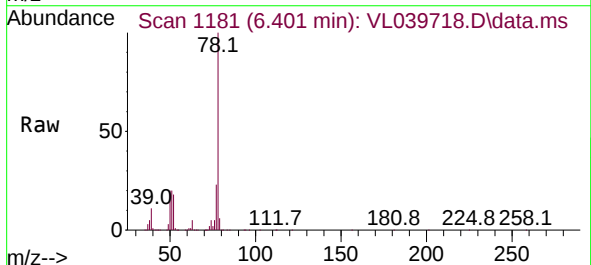
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

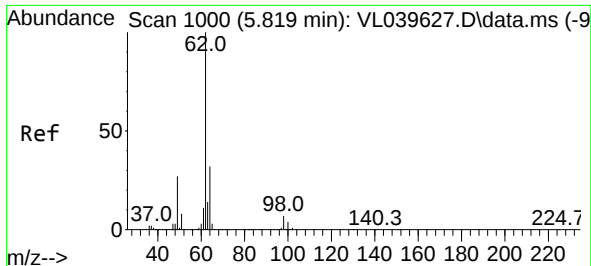
Tgt Ion:117 Resp: 1535342
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 32.2 24.2 36.2



#36
Benzene
Concen: 9.494 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 78 Resp: 2080880
Ion Ratio Lower Upper
78 100
77 23.4 20.3 30.5
50 19.7 15.5 23.3

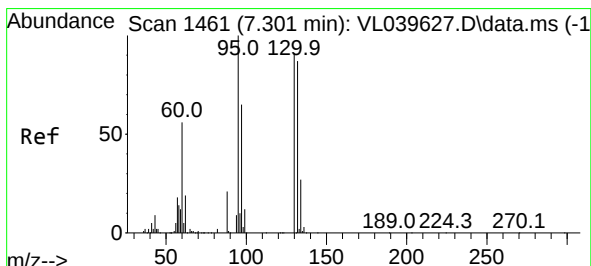
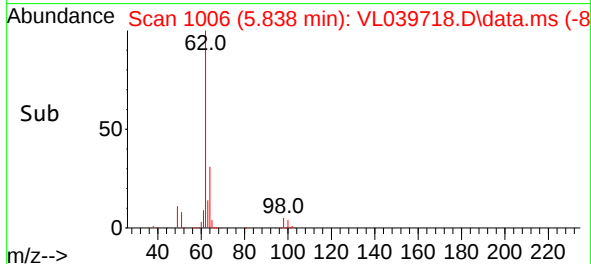
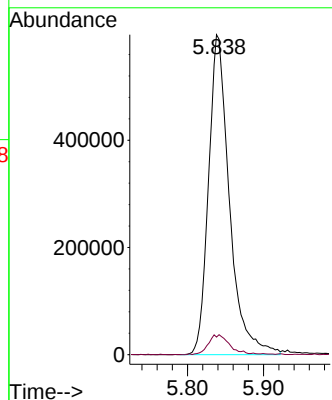
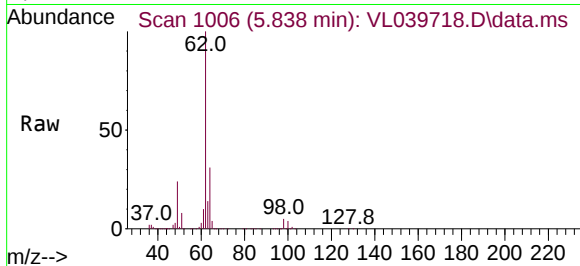




#37
1,2-Dichloroethane
Concen: 9.564 ppbv
RT: 5.838 min Scan# 1006
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

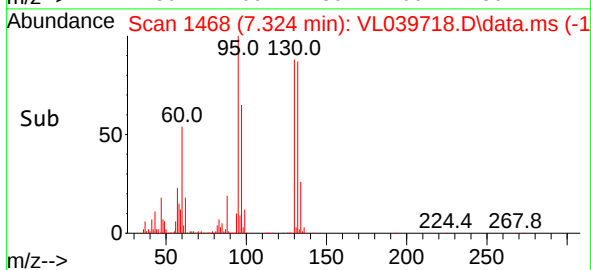
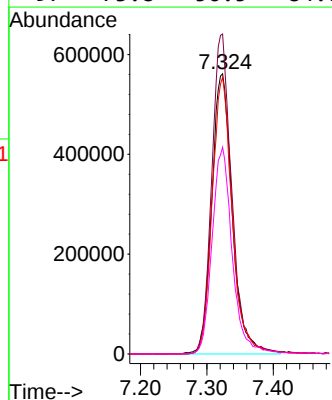
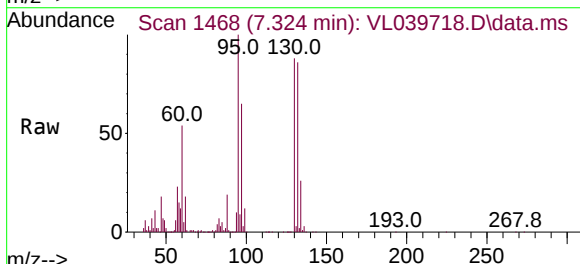
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

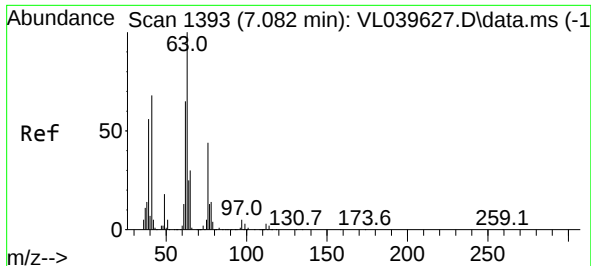
Tgt Ion: 62 Resp: 1140816
Ion Ratio Lower Upper
62 100
98 6.8 5.1 7.7



#38
Trichloroethene
Concen: 10.210 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:130 Resp: 1209393
Ion Ratio Lower Upper
130 100
95 114.2 87.3 130.9
132 98.8 76.7 115.1
97 73.8 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.234 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

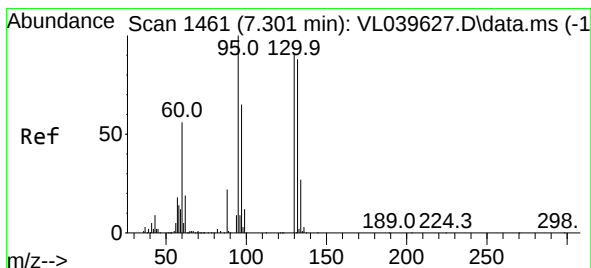
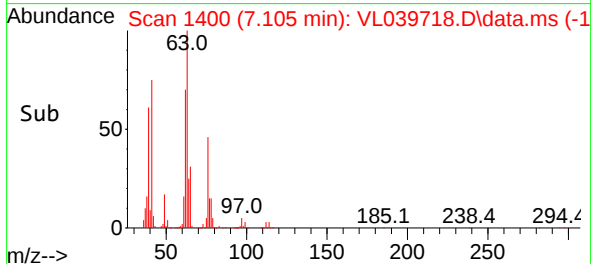
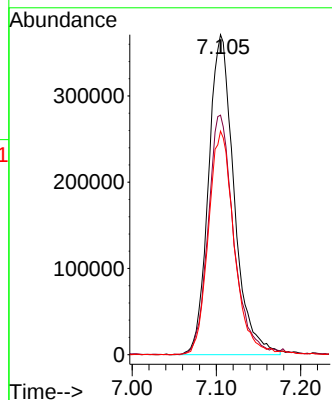
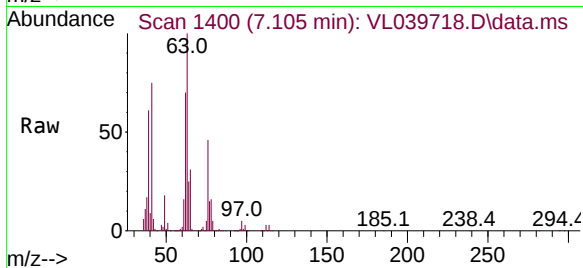
Tgt Ion: 63 Resp: 781456

Ion Ratio Lower Upper

63 100

41 74.7 59.6 89.4

62 69.7 51.4 77.0



#40

1,4-Dioxane

Concen: 8.667 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Tgt Ion: 88 Resp: 299502

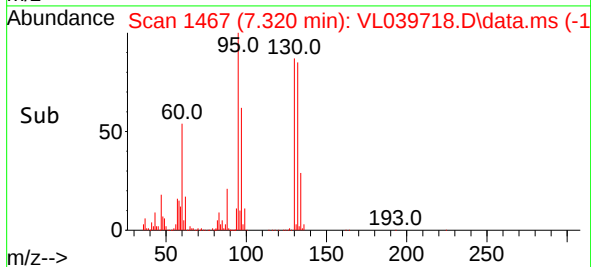
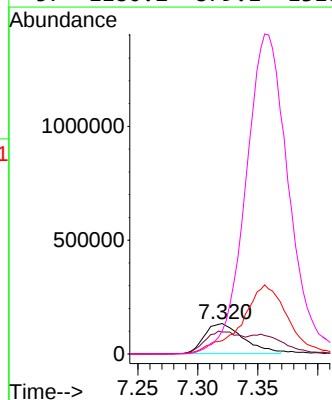
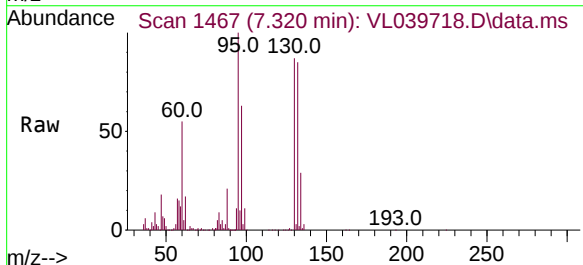
Ion Ratio Lower Upper

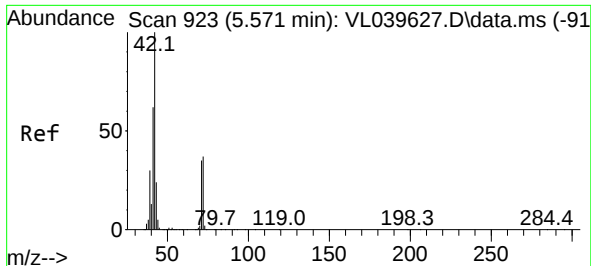
88 100

58 129.2 100.2 150.4

43 273.8 205.8 308.6

57 1180.2 879.1 1318.7

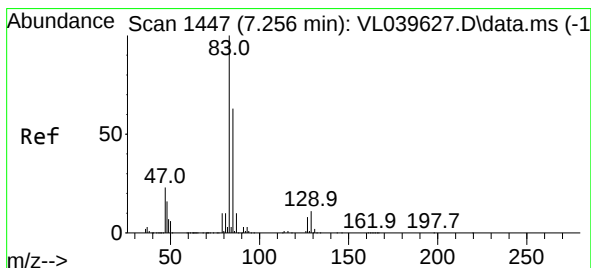
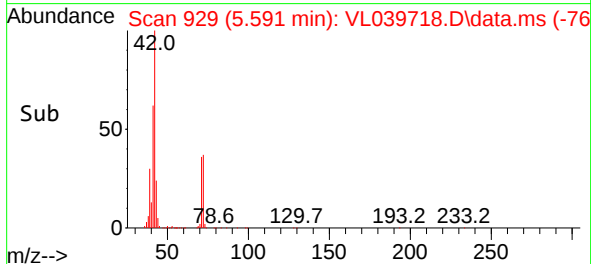
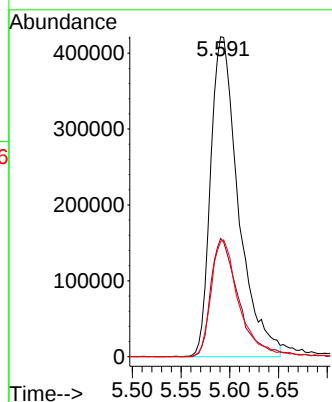
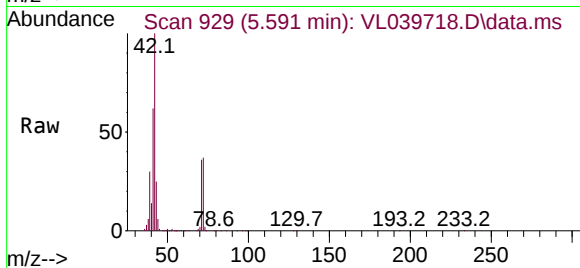




#41
Tetrahydrofuran
Concen: 9.697 ppbv
RT: 5.591 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

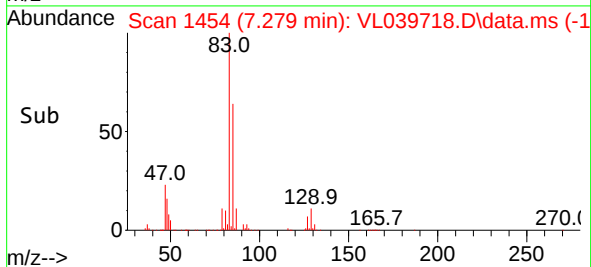
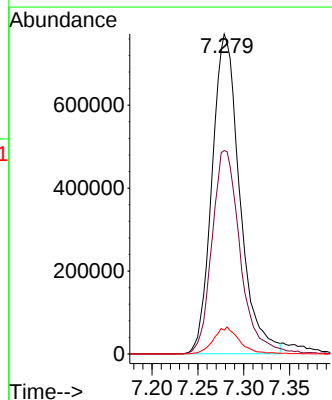
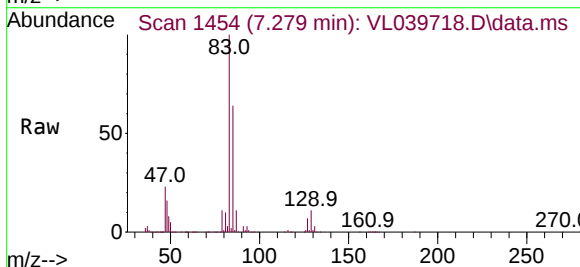
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

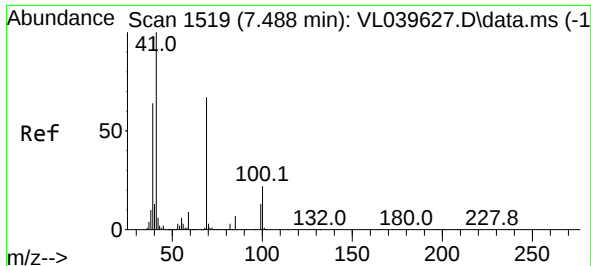
Tgt Ion: 42 Resp: 837662
Ion Ratio Lower Upper
42 100
72 37.4 31.8 47.8
71 37.3 31.8 47.8



#42
Bromodichloromethane
Concen: 9.756 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 83 Resp: 1618728
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 7.5 6.6 9.8

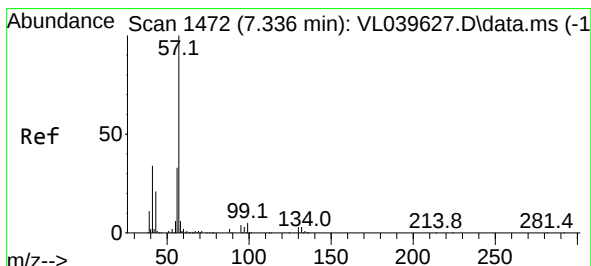
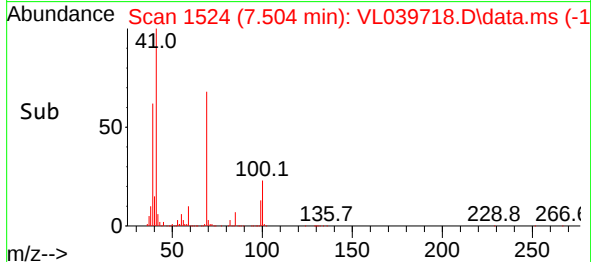
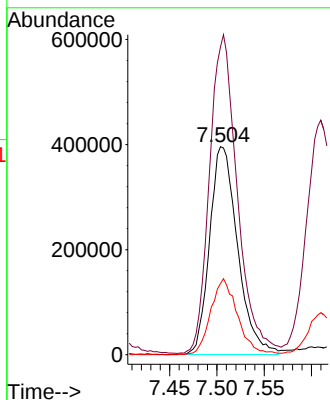
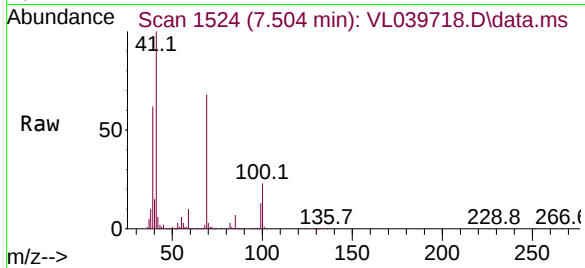




#43
Methyl Methacrylate
Concen: 10.224 ppbv
RT: 7.504 min Scan# 11
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

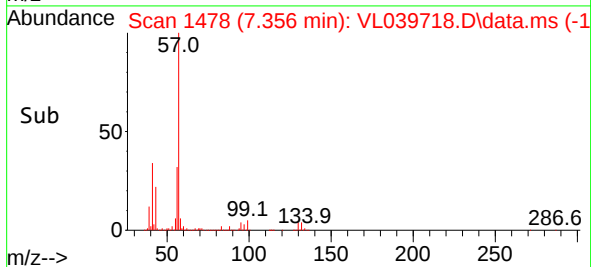
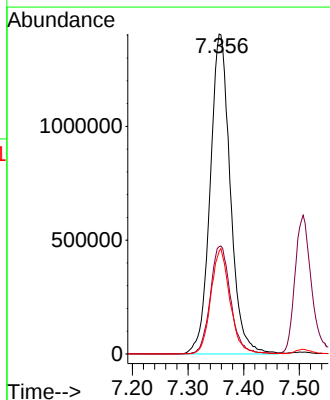
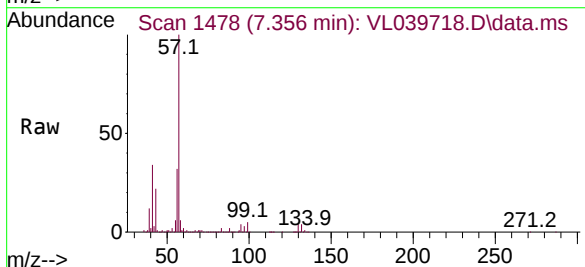
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

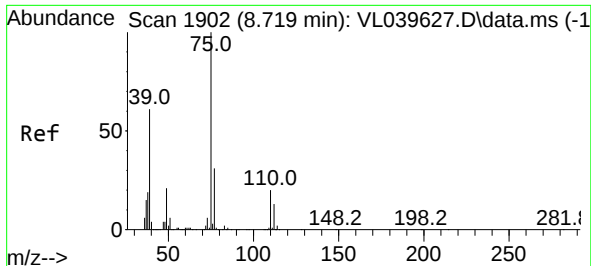
Tgt Ion: 69 Resp: 816879
Ion Ratio Lower Upper
69 100
41 152.3 120.8 181.2
100 35.1 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.345 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 57 Resp: 3530409
Ion Ratio Lower Upper
57 100
41 33.9 27.4 41.2
56 31.3 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 11.256 ppbv

RT: 8.738 min Scan# 1902

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_1

ClientSampleId :

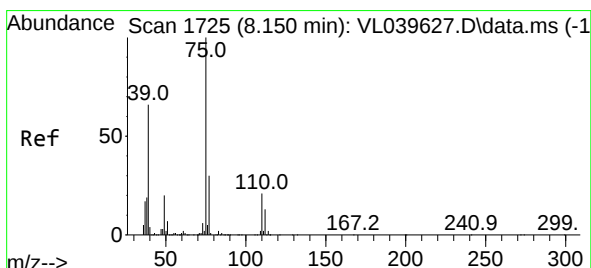
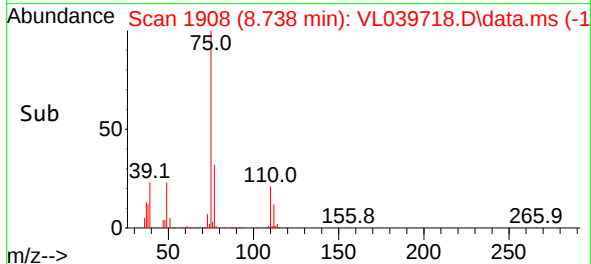
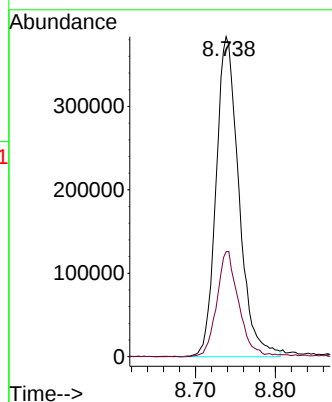
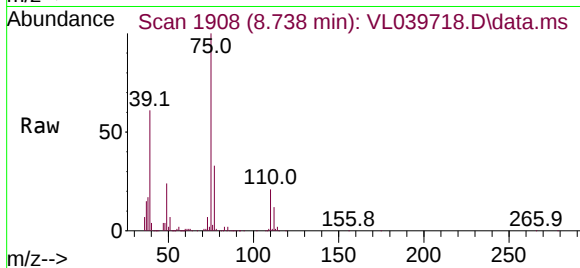
VSTDCCC010

Tgt Ion: 75 Resp: 759946

Ion Ratio Lower Upper

75 100

77 32.8 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 10.992 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

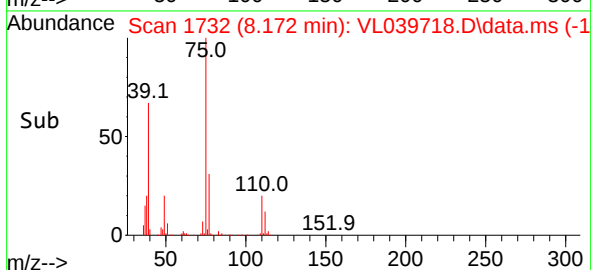
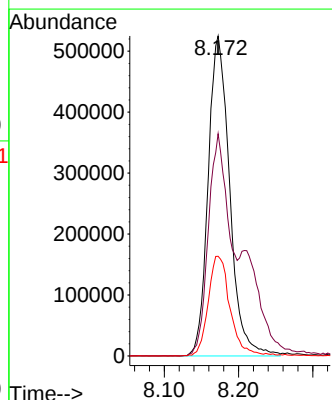
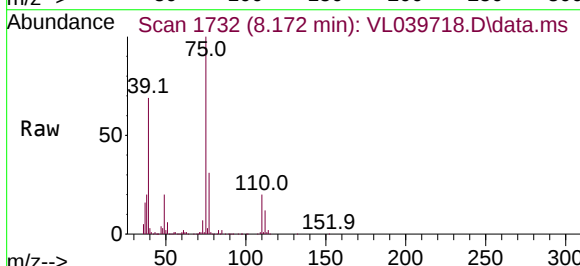
Tgt Ion: 75 Resp: 1056419

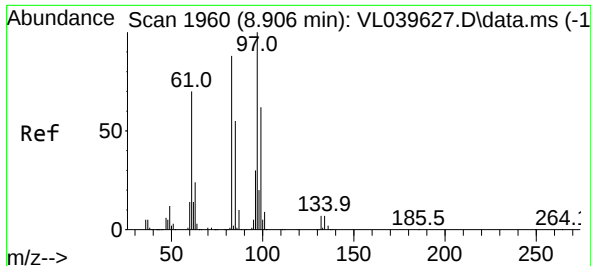
Ion Ratio Lower Upper

75 100

39 69.5 55.0 82.4

77 31.2 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.213 ppbv

RT: 8.928 min Scan# 1967

Delta R.T. 0.023 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 852291

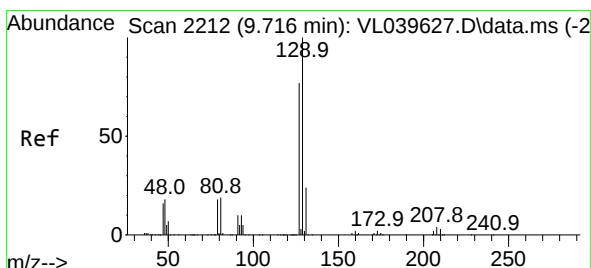
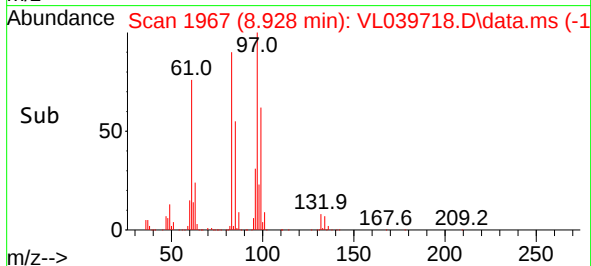
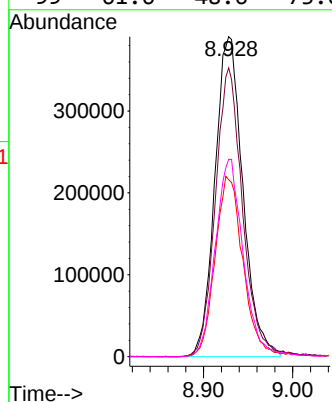
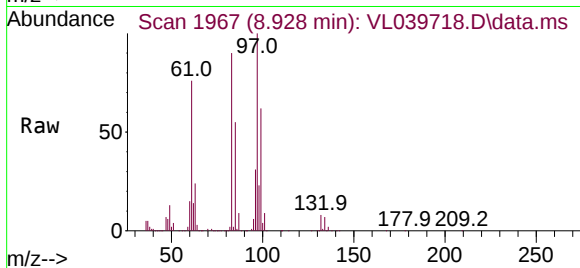
Ion Ratio Lower Upper

97 100

83 90.2 67.4 101.0

85 55.3 45.1 67.7

99 61.6 48.6 73.0



#48

Dibromochloromethane

Concen: 10.055 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.026 min

Lab File: VL039718.D

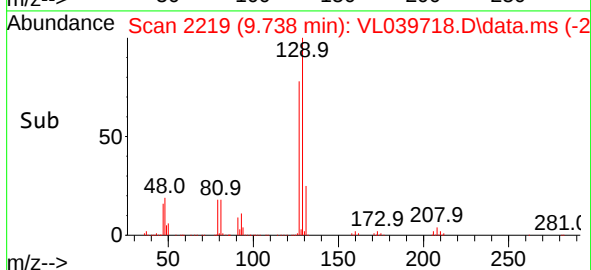
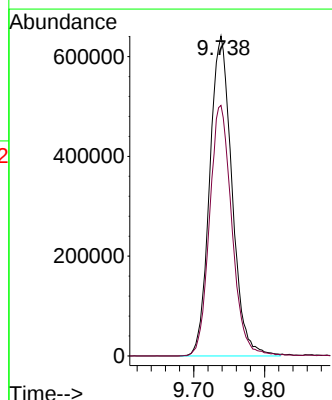
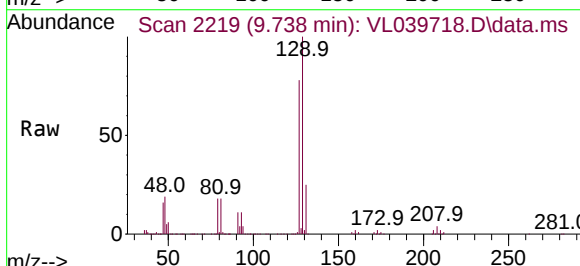
Acq: 17 Oct 2022 13:20

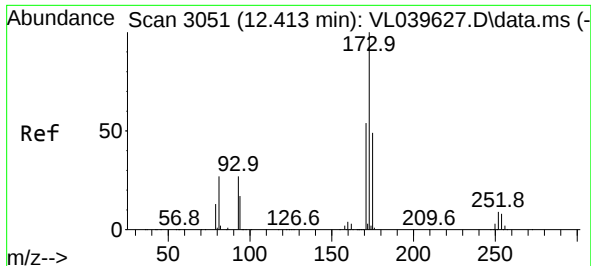
Tgt Ion: 129 Resp: 1400653

Ion Ratio Lower Upper

129 100

127 78.7 39.3 117.9

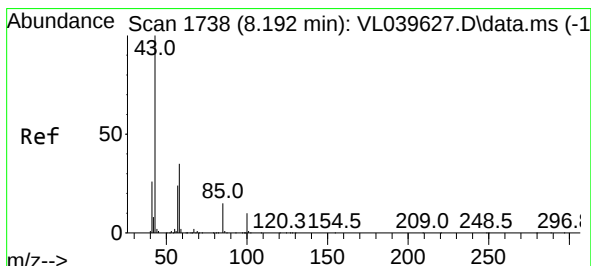
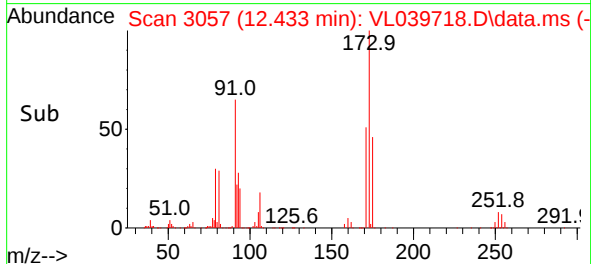
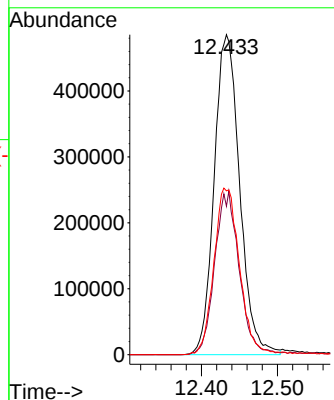
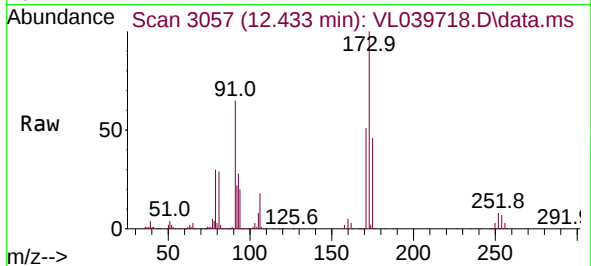




#49
Bromoform
Concen: 9.797 ppbv
RT: 12.433 min Scan# 3051
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

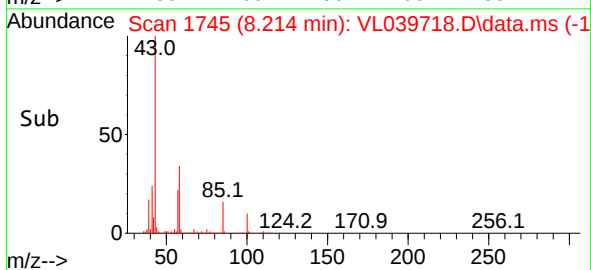
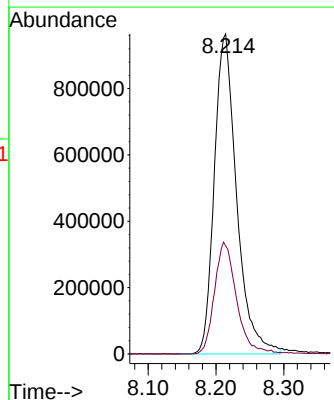
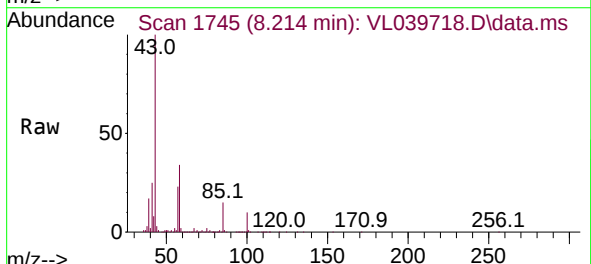
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

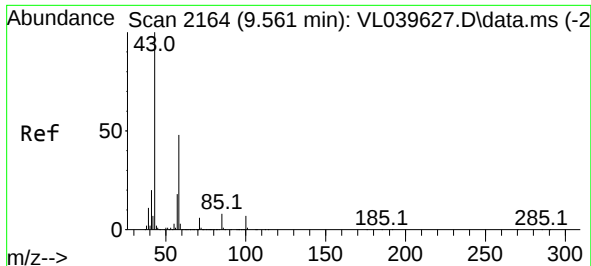
Tgt Ion:173 Resp: 1128804
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 53.2 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 9.978 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 43 Resp: 2207811
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2

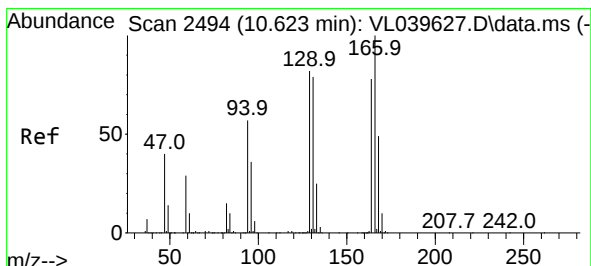
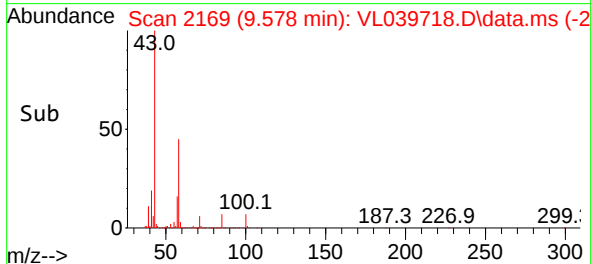
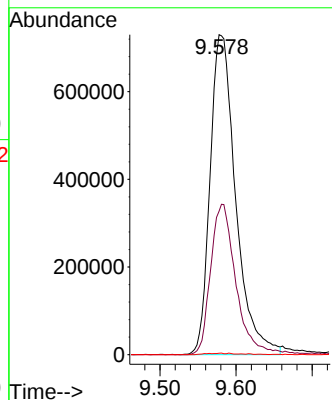
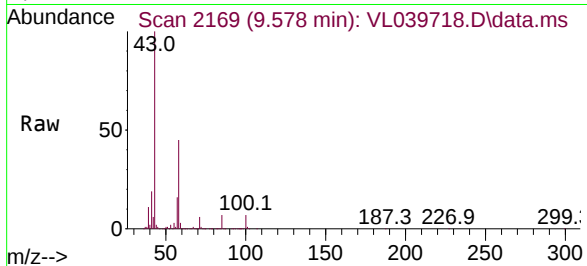




#51
2-Hexanone
Concen: 10.426 ppbv
RT: 9.578 min Scan# 2164
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

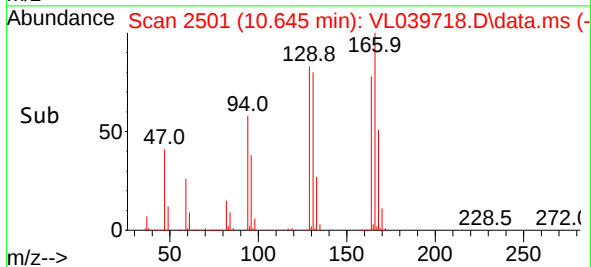
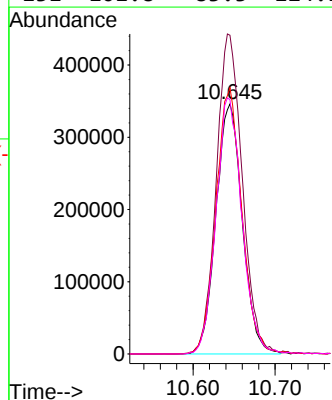
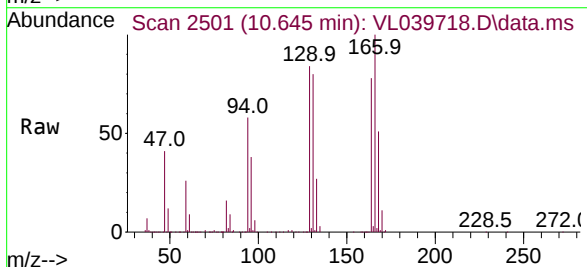
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

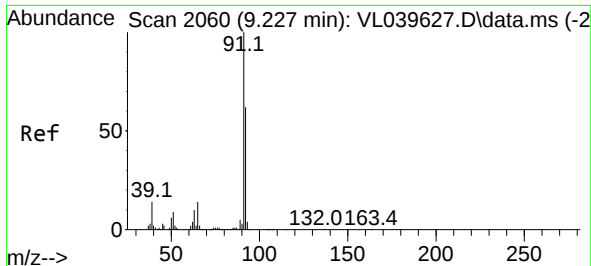
Tgt Ion: 43 Resp: 1707702
Ion Ratio Lower Upper
43 100
58 47.0 38.4 57.6
98 0.7 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.206 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 164 Resp: 769791
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.2
129 106.5 85.8 128.8
131 101.8 83.3 124.9

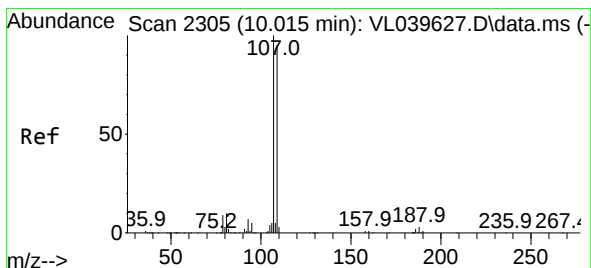
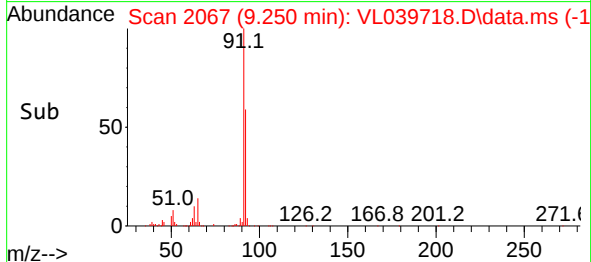
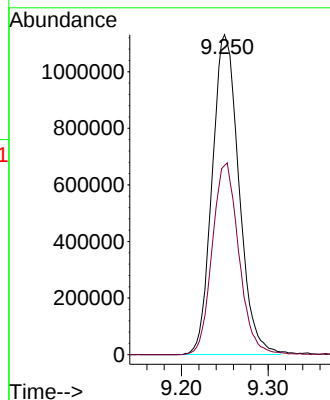
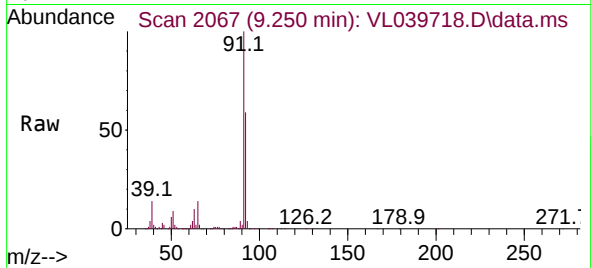




#53
Toluene
Concen: 9.949 ppbv
RT: 9.250 min Scan# 2067
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

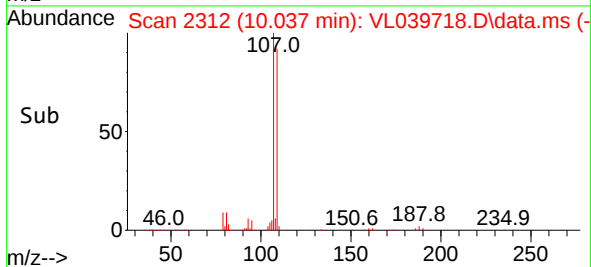
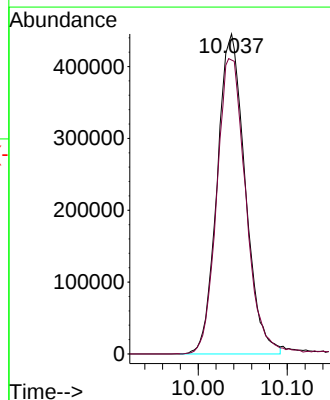
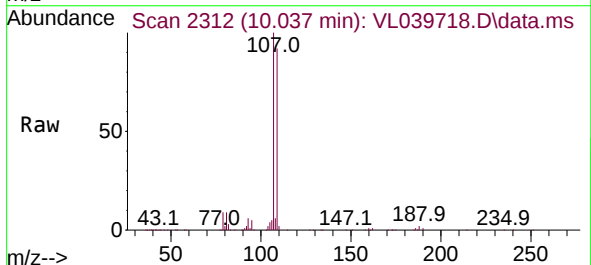
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

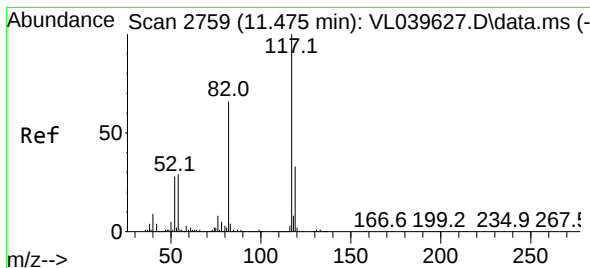
Tgt Ion: 91 Resp: 2425128
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.2



#54
1,2-Dibromoethane
Concen: 9.819 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 107 Resp: 971702
Ion Ratio Lower Upper
107 100
109 91.8 74.8 112.2

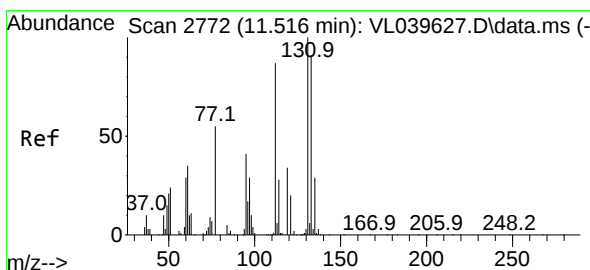
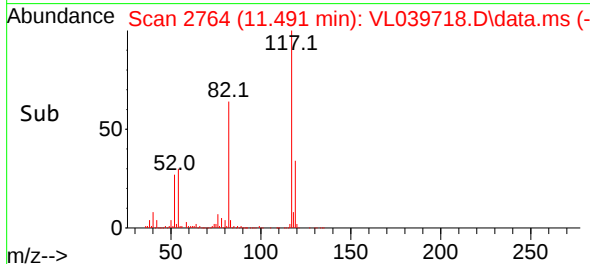
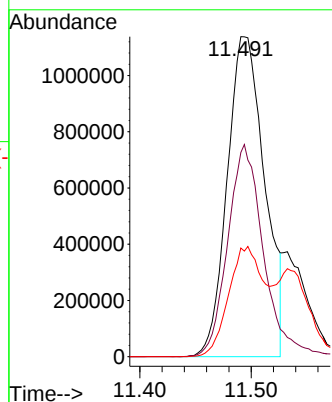
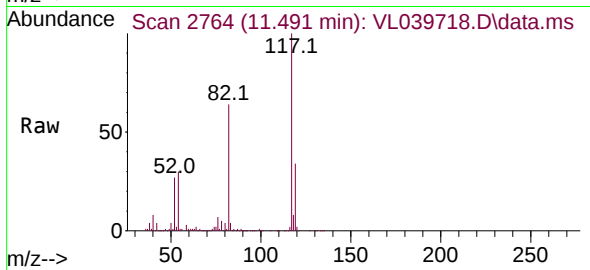




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

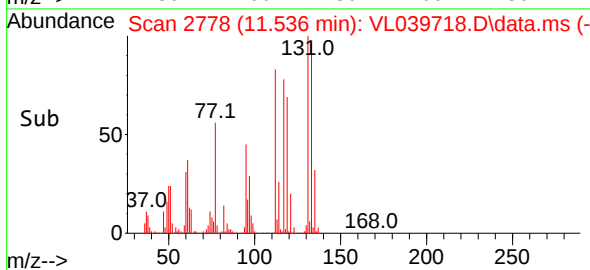
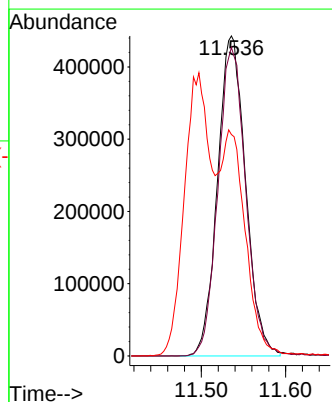
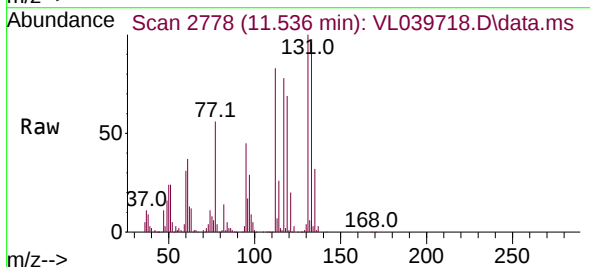
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

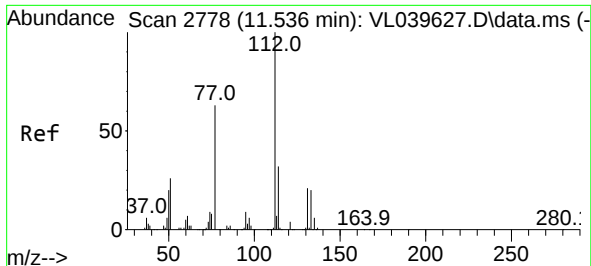
Tgt Ion:117 Resp: 2662102
Ion Ratio Lower Upper
117 100
82 64.0 50.8 76.2
119 31.8 24.1 36.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.506 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:131 Resp: 1022637
Ion Ratio Lower Upper
131 100
133 96.4 76.8 115.2
119 56.2 46.2 69.4

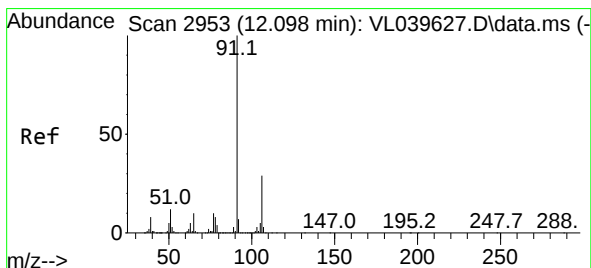
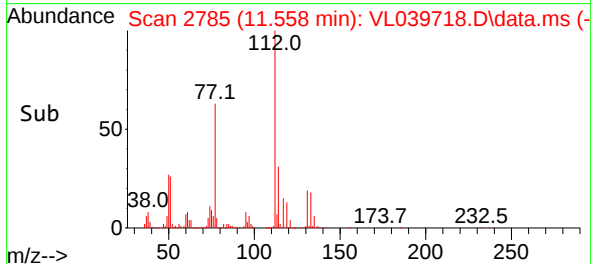
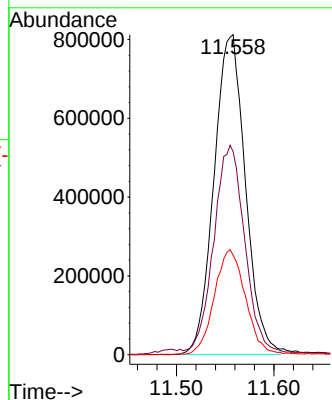
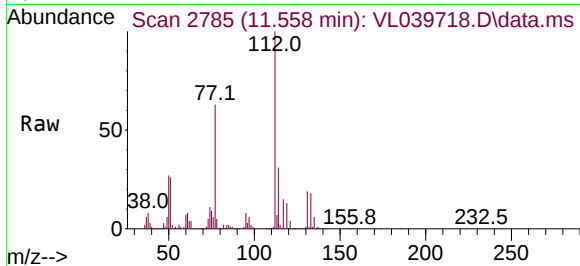




#57
Chlorobenzene
Concen: 9.281 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

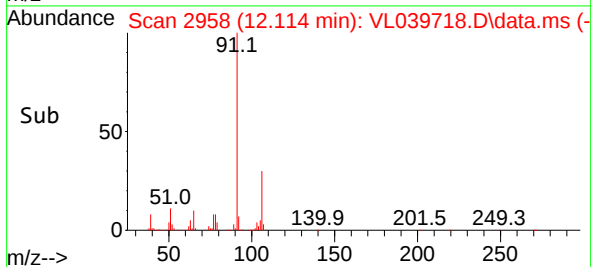
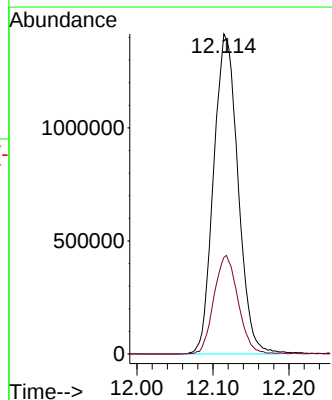
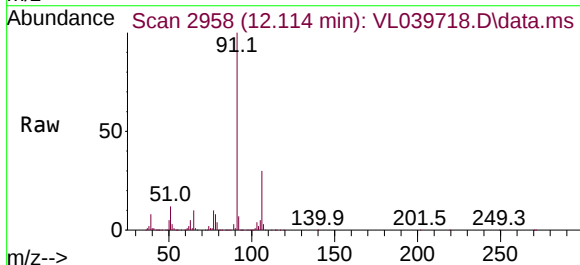
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

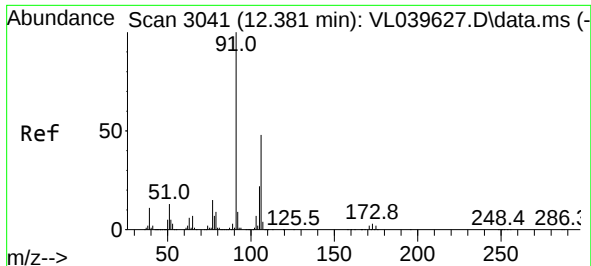
Tgt Ion:112 Resp: 1816816
Ion Ratio Lower Upper
112 100
77 62.1 51.0 76.4
114 30.8 27.5 33.6



#58
Ethyl Benzene
Concen: 10.275 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 91 Resp: 3153814
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0





#59

m/p-Xylene

Concen: 9.867 ppbv

RT: 12.401 min Scan# 3041

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

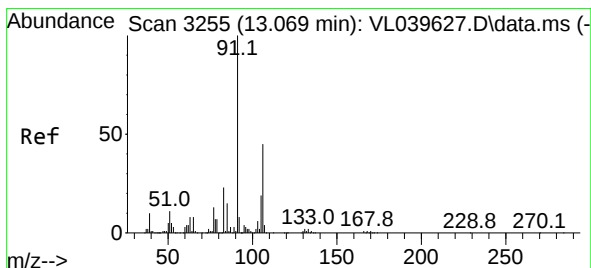
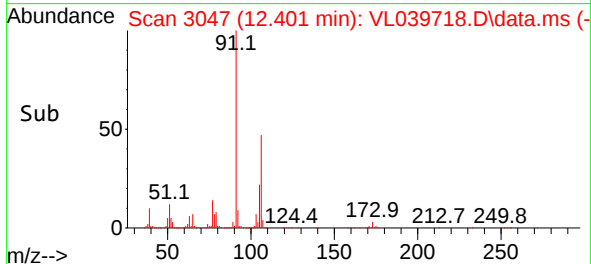
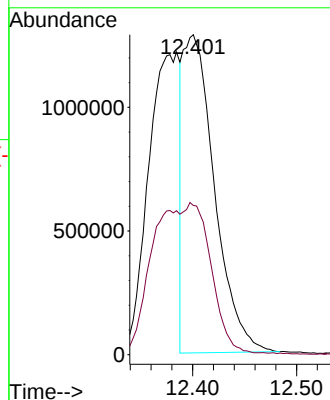
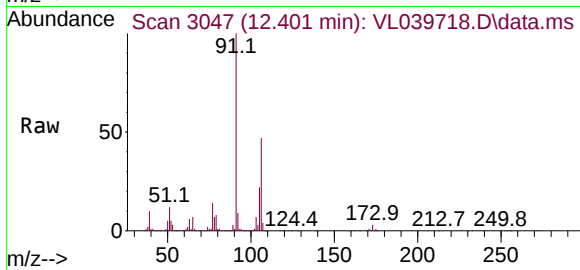
VSTDCCC010

Tgt Ion: 91 Resp: 2695302

Ion Ratio Lower Upper

91 100

106 89.2 35.4 53.2#



#60

o-Xylene

Concen: 9.768 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. 0.023 min

Lab File: VL039718.D

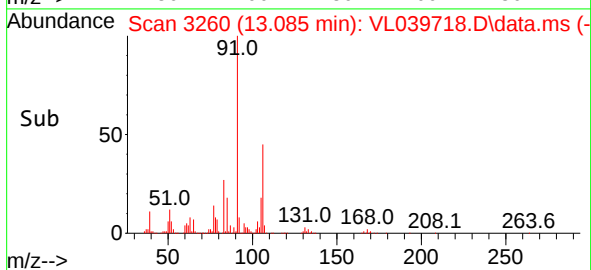
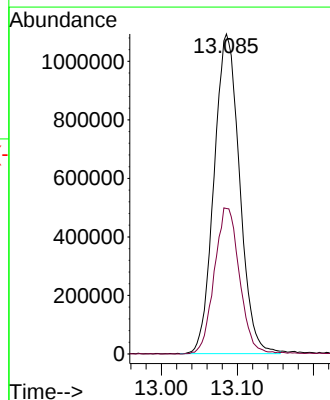
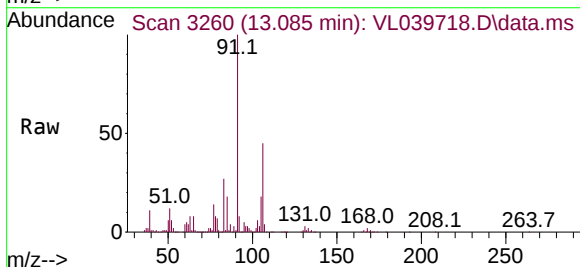
Acq: 17 Oct 2022 13:20

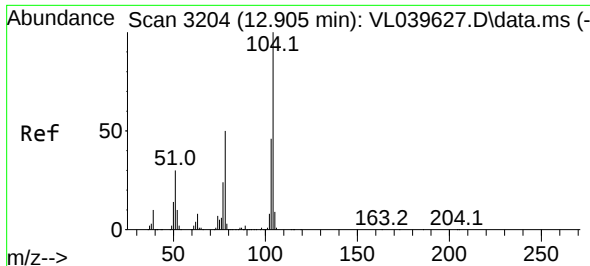
Tgt Ion: 91 Resp: 2548013

Ion Ratio Lower Upper

91 100

106 45.7 22.4 67.3

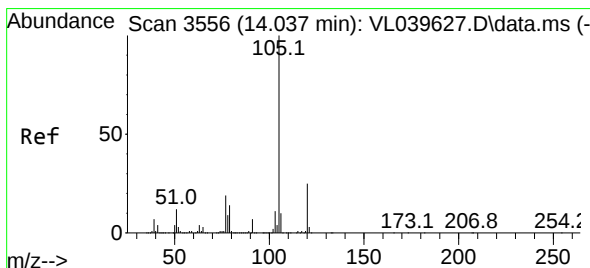
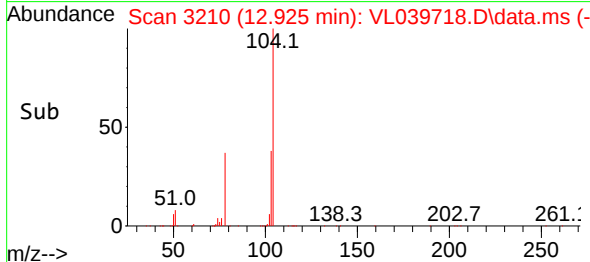
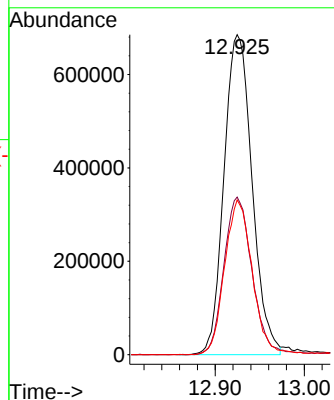
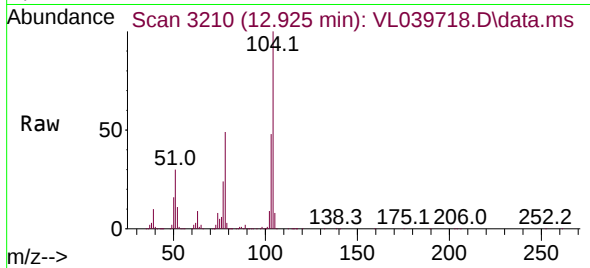




#61
Styrene
Concen: 10.678 ppbv
RT: 12.925 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

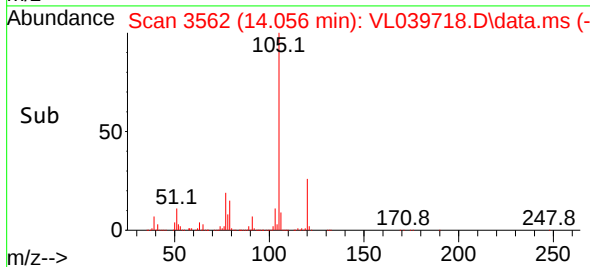
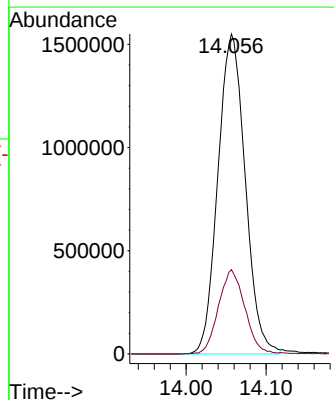
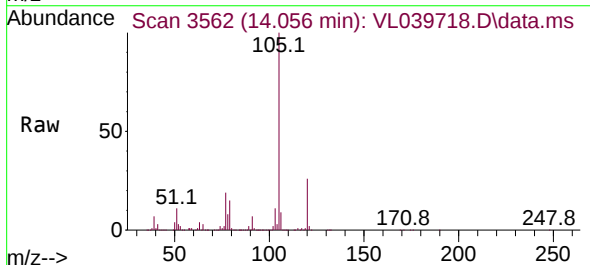
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

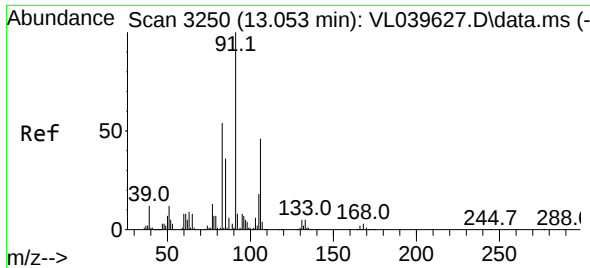
Tgt Ion:104 Resp: 1500075
Ion Ratio Lower Upper
104 100
78 49.8 41.2 61.8
103 47.9 38.7 58.1



#62
Isopropylbenzene
Concen: 9.364 ppbv
RT: 14.056 min Scan# 3562
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:105 Resp: 3675660
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1

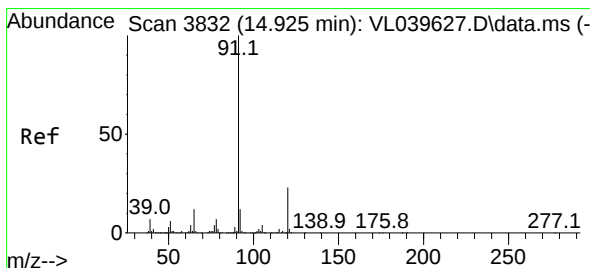
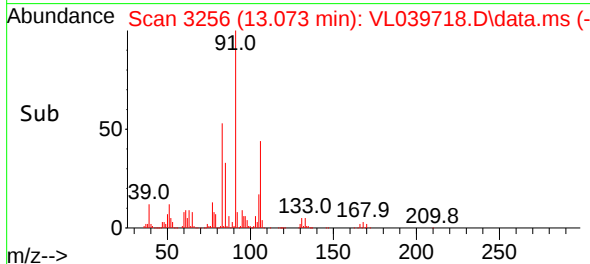
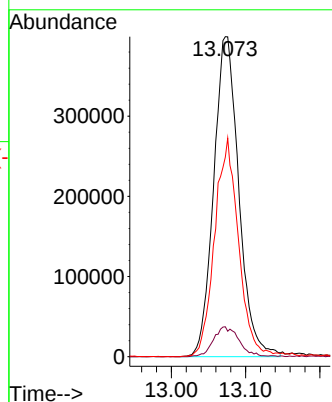
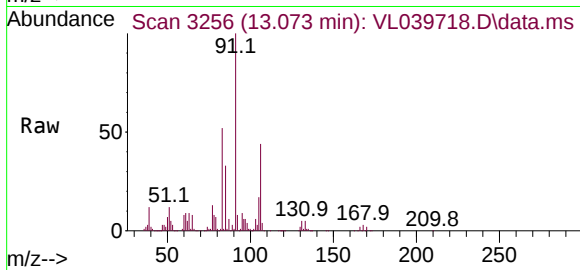




#63
1,1,2,2-Tetrachloroethane
Concen: 9.043 ppbv
RT: 13.073 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

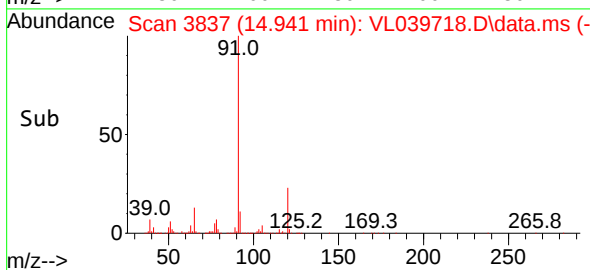
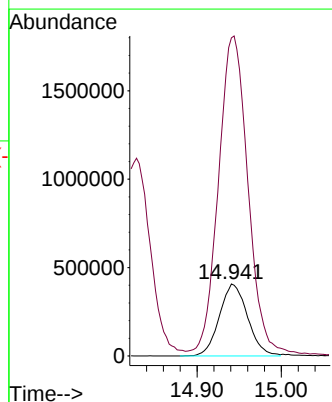
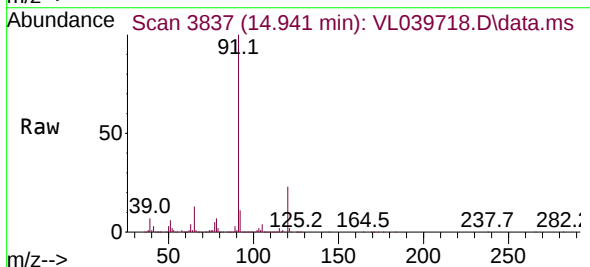
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

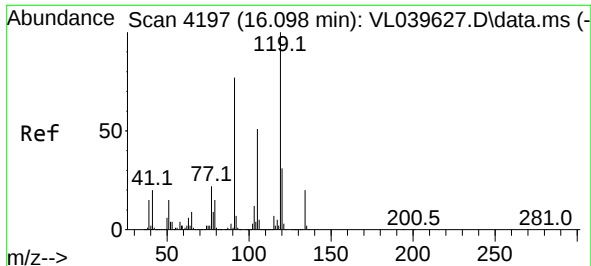
Tgt Ion: 83 Resp: 940934
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 65.9 33.1 99.5



#64
n-propylbenzene
Concen: 9.412 ppbv
RT: 14.941 min Scan# 3837
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:120 Resp: 946047
Ion Ratio Lower Upper
120 100
91 471.8 367.2 550.8

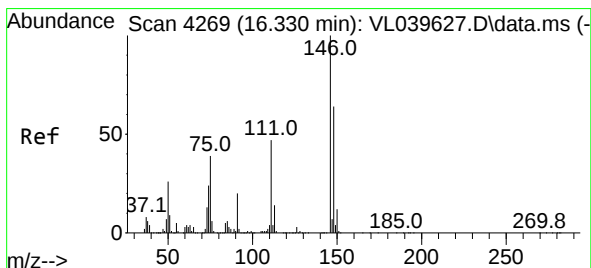
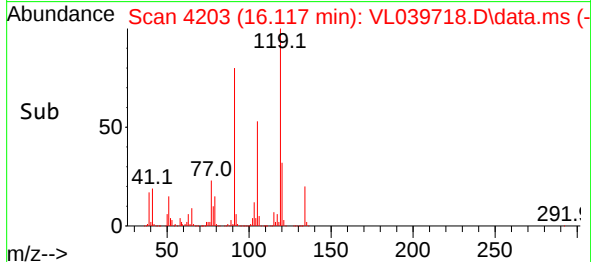
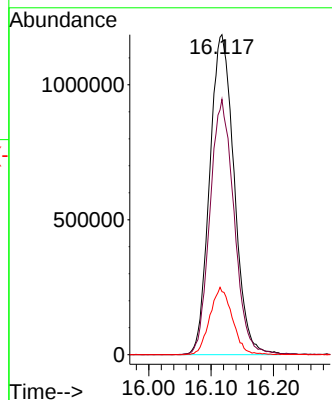
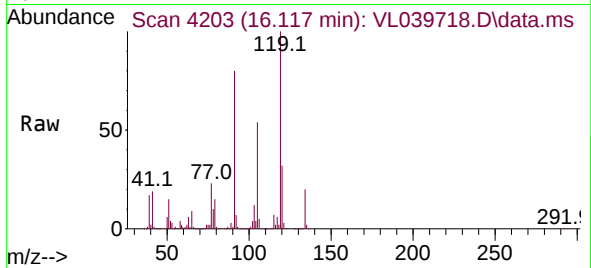




#65
tert-Butylbenzene
Concen: 9.315 ppbv
RT: 16.117 min Scan# 4197
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

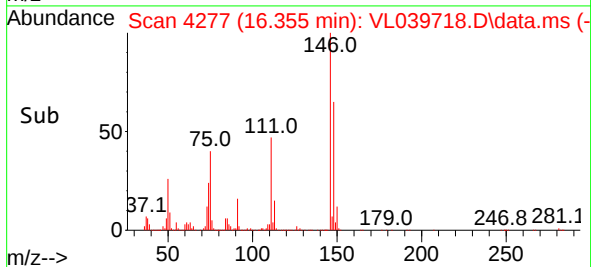
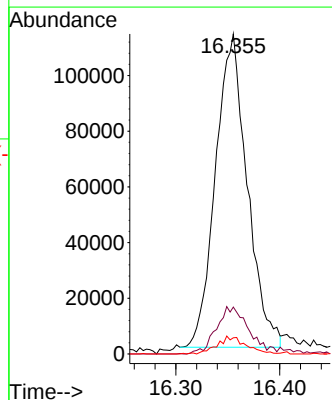
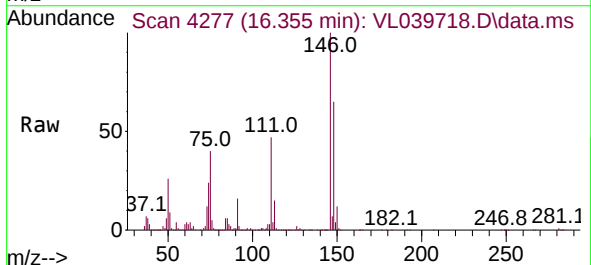
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

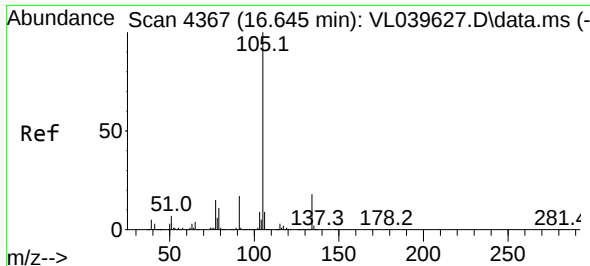
Tgt Ion:119 Resp: 3230225
Ion Ratio Lower Upper
119 100
91 78.5 63.4 95.2
134 19.4 15.9 23.9



#66
Benzyl Chloride
Concen: 8.622 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 91 Resp: 238060
Ion Ratio Lower Upper
91 100
126 16.8 13.1 19.7
128 5.2 4.4 6.6

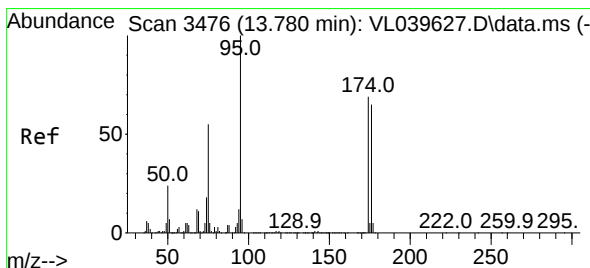
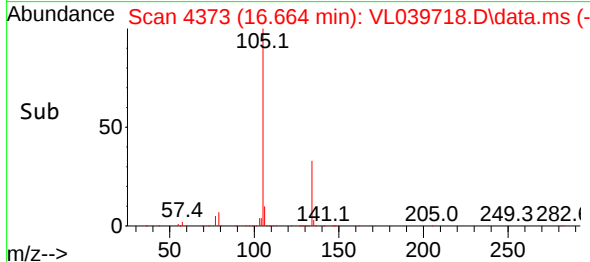
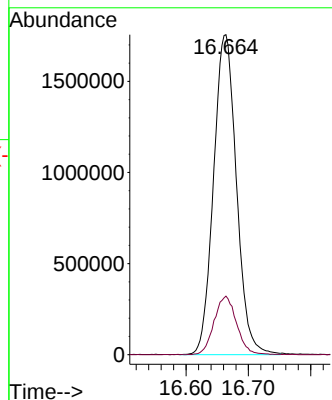
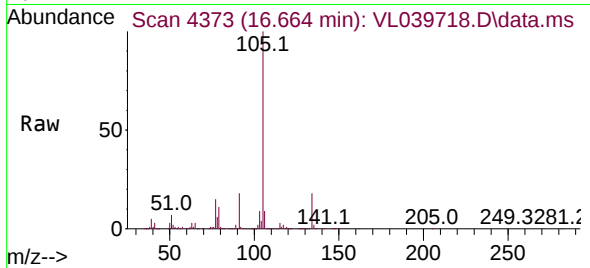




#67
 sec-Butylbenzene
 Concen: 9.202 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

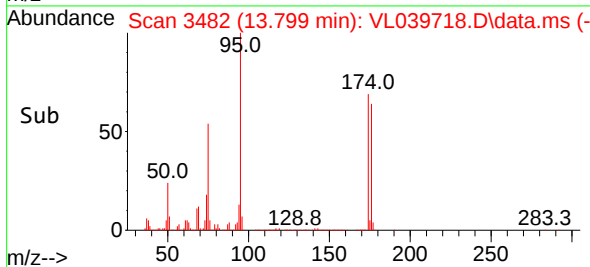
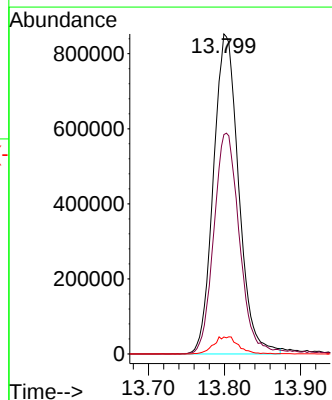
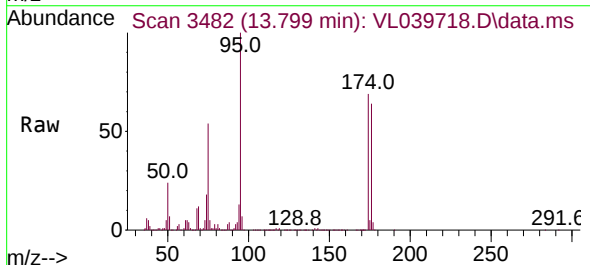
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

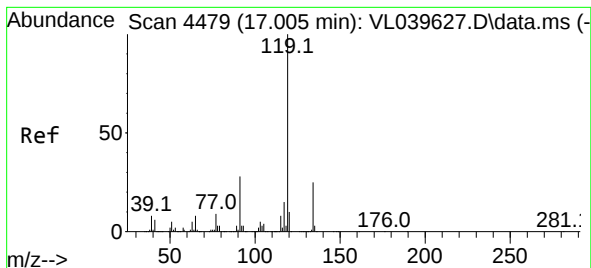
Tgt Ion:105 Resp: 4475912
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.902 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.023 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Tgt Ion: 95 Resp: 1967689
 Ion Ratio Lower Upper
 95 100
 174 71.4 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.401 ppbv

RT: 17.021 min Scan# 4479

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

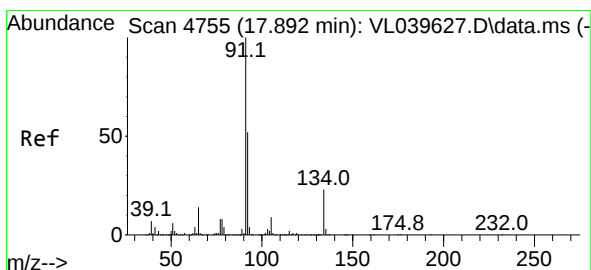
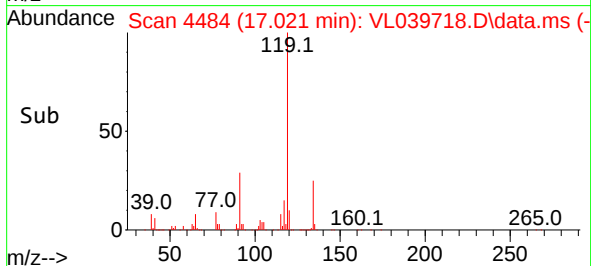
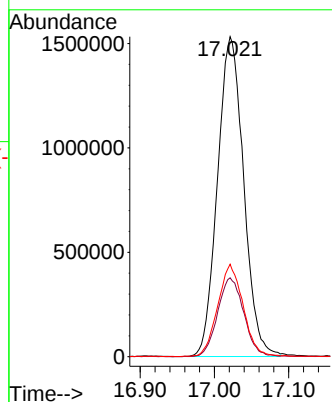
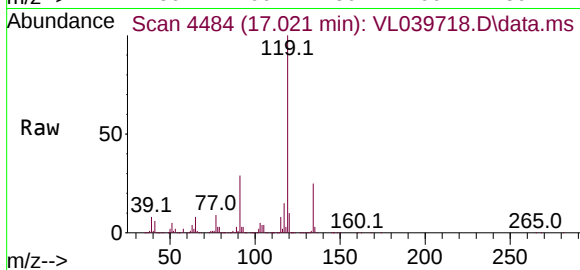
Tgt Ion:119 Resp: 3757349

Ion Ratio Lower Upper

119 100

134 24.8 20.3 30.5

91 28.1 22.9 34.3



#70

n-Butylbenzene

Concen: 9.602 ppbv

RT: 17.912 min Scan# 4761

Delta R.T. 0.020 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

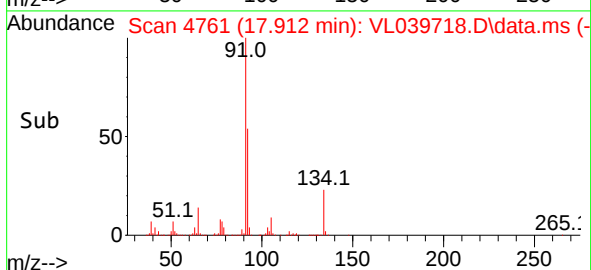
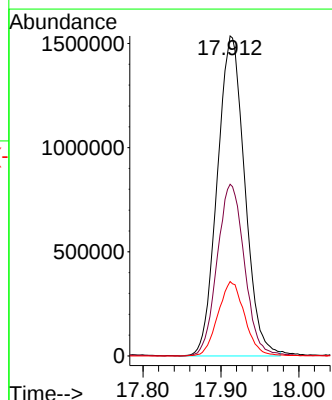
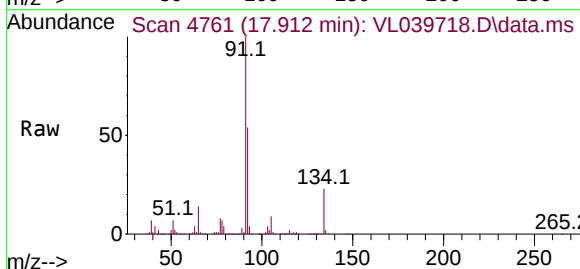
Tgt Ion: 91 Resp: 3762150

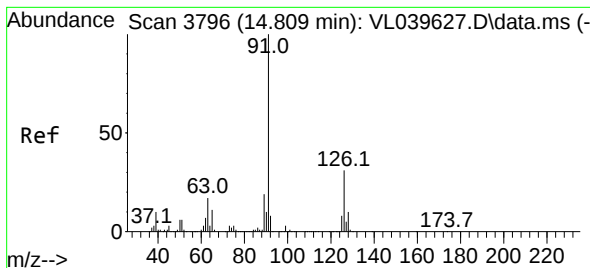
Ion Ratio Lower Upper

91 100

92 53.6 43.4 65.2

134 22.7 18.9 28.3

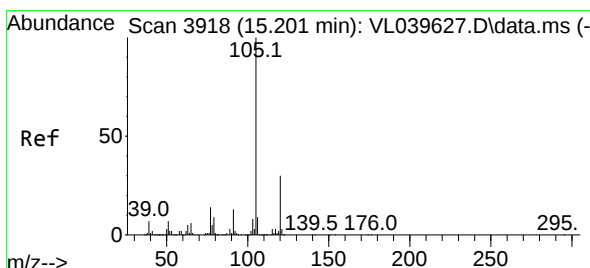
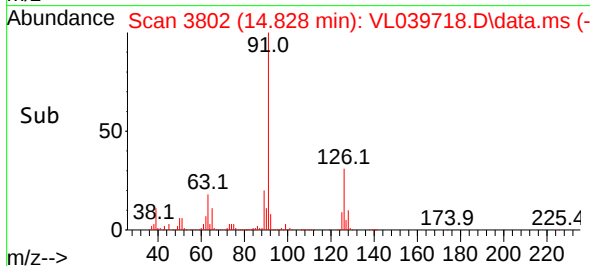
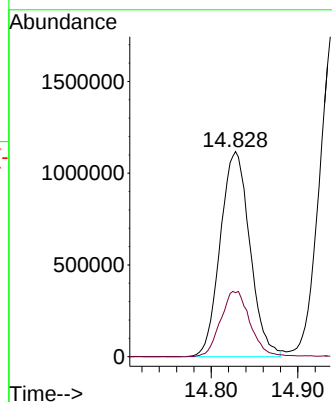
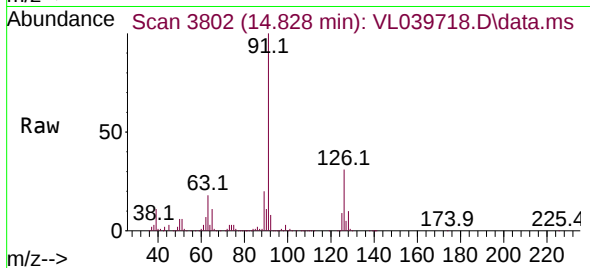




#71
2-Chlorotoluene
Concen: 9.366 ppbv
RT: 14.828 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

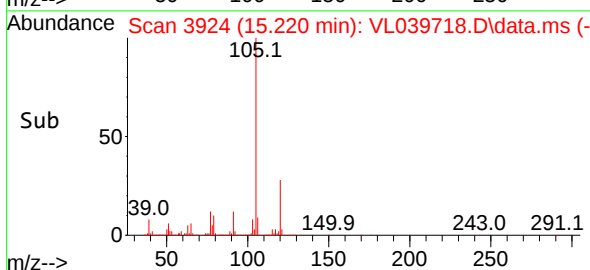
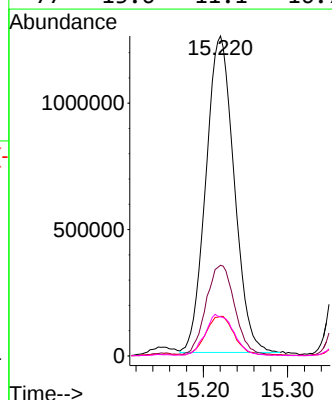
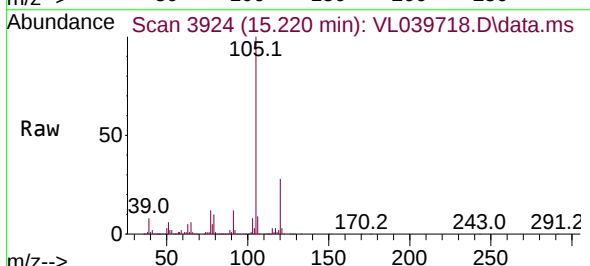
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

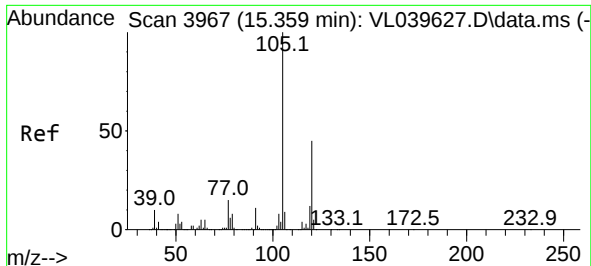
Tgt Ion: 91 Resp: 2654445
Ion Ratio Lower Upper
91 100
126 32.4 13.0 51.8



#72
4-Ethyltoluene
Concen: 9.778 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion: 105 Resp: 2911850
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.7 10.2 15.4
77 13.6 11.1 16.7

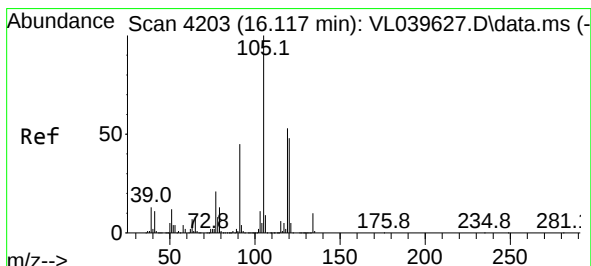
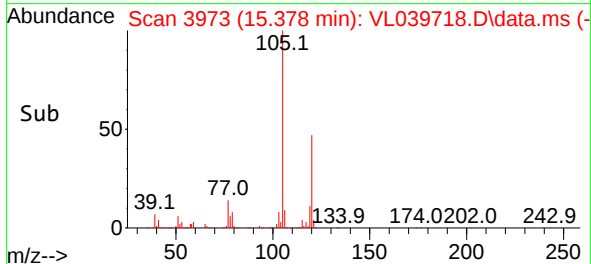
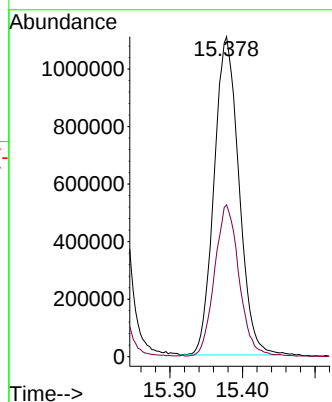
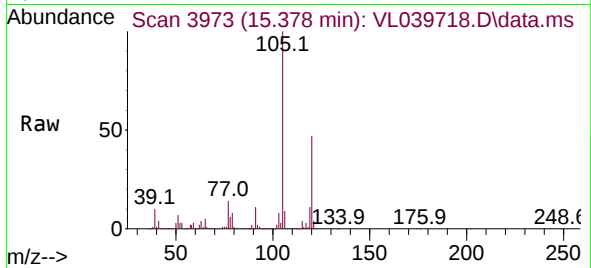




#73
1,3,5-Trimethylbenzene
Concen: 9.665 ppbv
RT: 15.378 min Scan# 3967
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

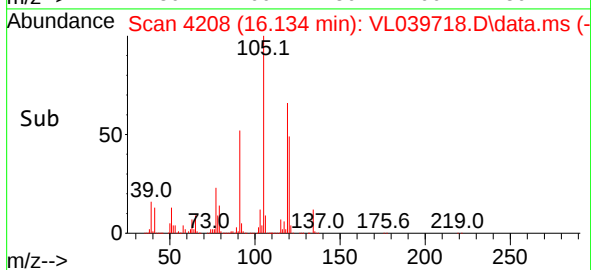
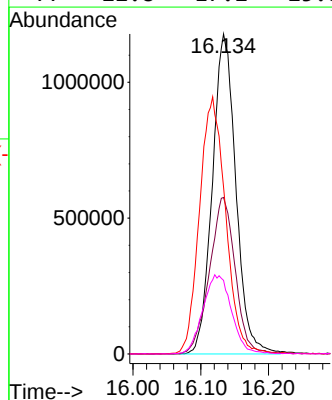
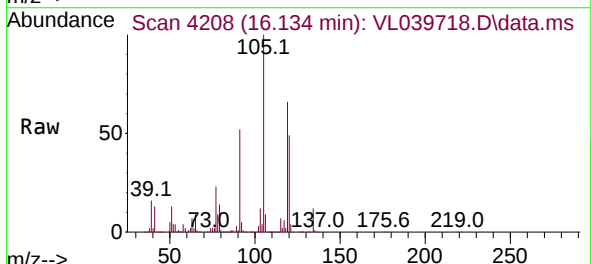
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

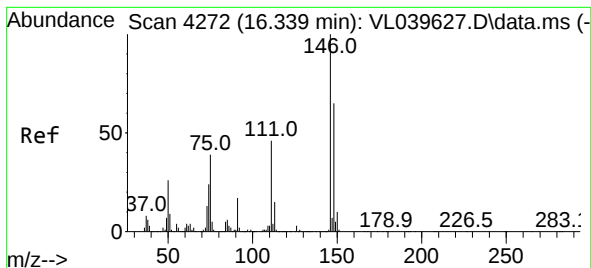
Tgt Ion:105 Resp: 2633579
Ion Ratio Lower Upper
105 100
120 47.4 38.2 57.4



#74
1,2,4-Trimethylbenzene
Concen: 9.283 ppbv
RT: 16.134 min Scan# 4208
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:105 Resp: 2835413
Ion Ratio Lower Upper
105 100
120 48.7 39.5 59.3
91 51.9 39.2 58.8
77 22.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.308 ppbv

RT: 16.355 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

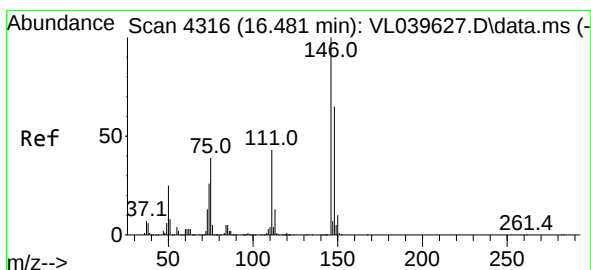
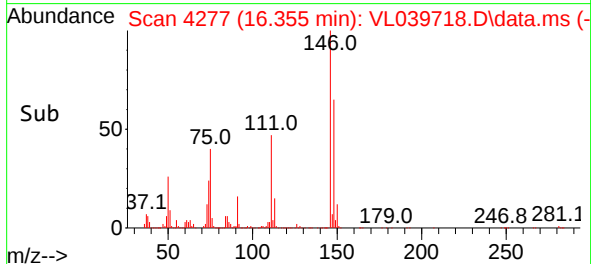
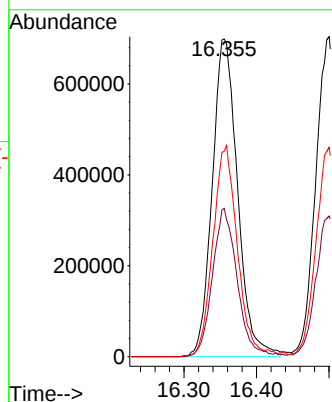
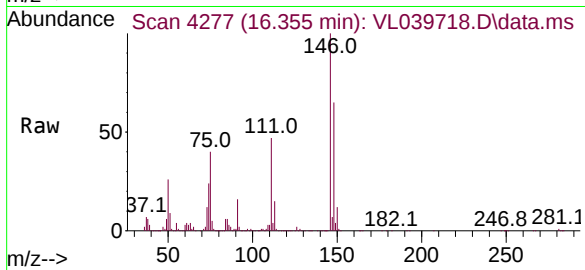
Tgt Ion:146 Resp: 1696470

Ion Ratio Lower Upper

146 100

111 45.5 22.9 68.7

148 64.6 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.090 ppbv

RT: 16.500 min Scan# 4322

Delta R.T. 0.026 min

Lab File: VL039718.D

Acq: 17 Oct 2022 13:20

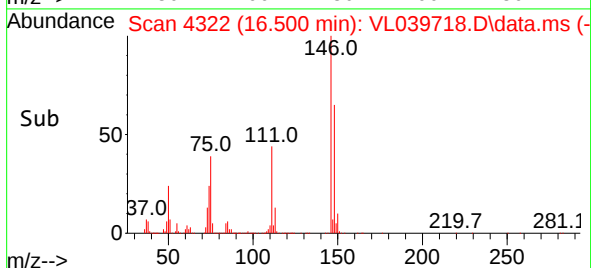
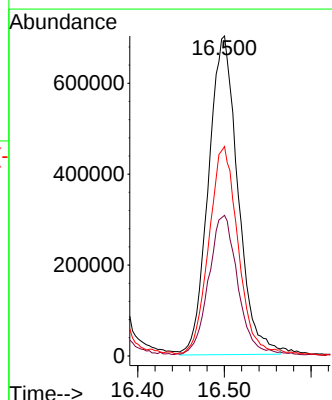
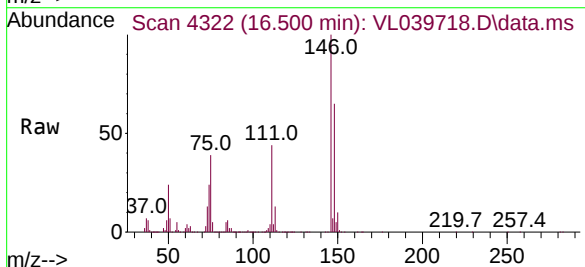
Tgt Ion:146 Resp: 1657303

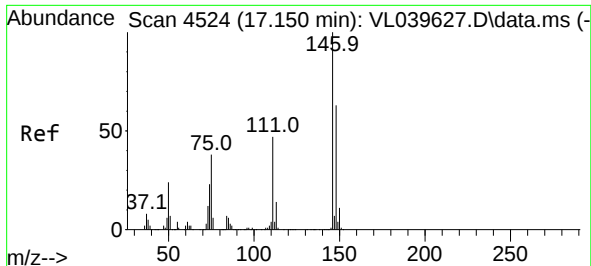
Ion Ratio Lower Upper

146 100

111 44.5 22.9 68.8

148 67.0 33.6 100.8

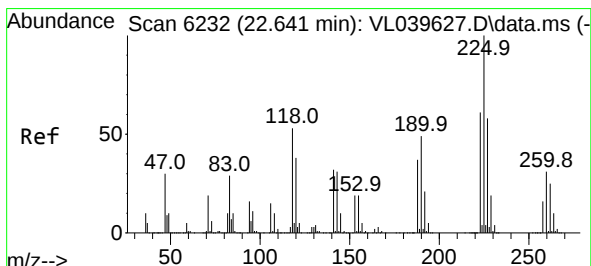
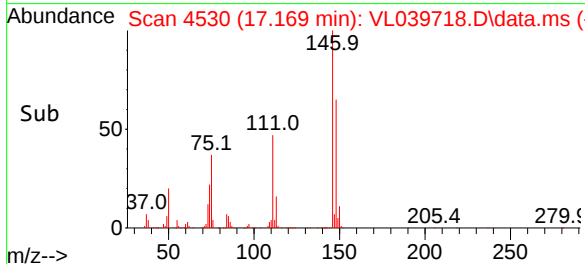
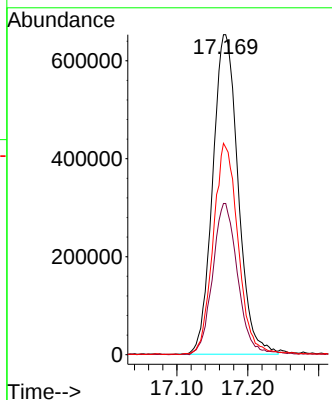
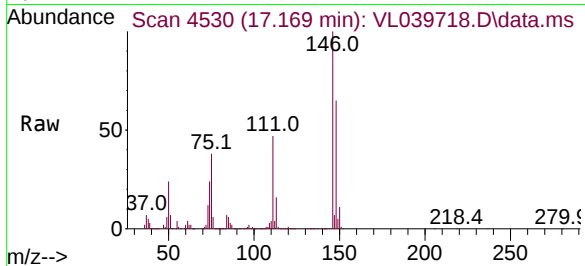




#77
1,2-Dichlorobenzene
Concen: 9.161 ppbv
RT: 17.169 min Scan# 4524
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

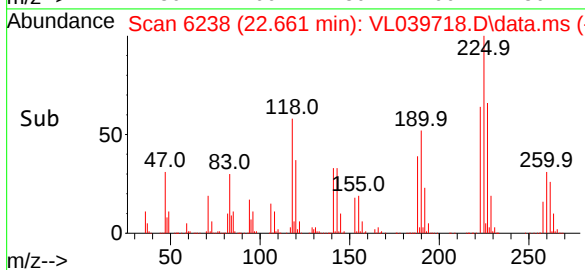
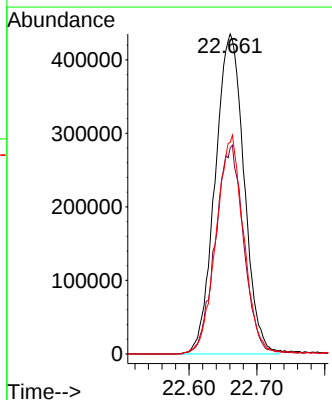
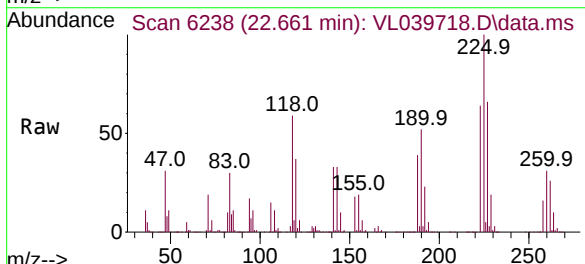
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

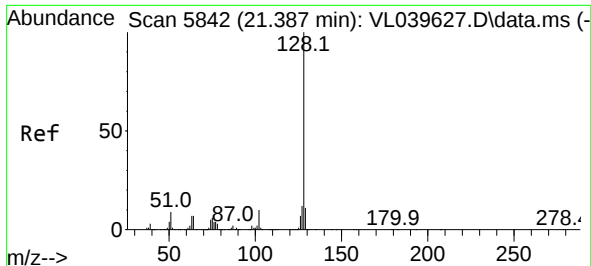
Tgt Ion:146 Resp: 1628177
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.5
148 64.8 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 9.503 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. 0.023 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:225 Resp: 1290487
Ion Ratio Lower Upper
225 100
223 64.0 51.8 77.6
227 65.3 51.4 77.2

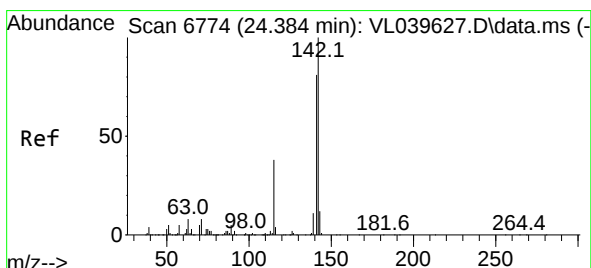
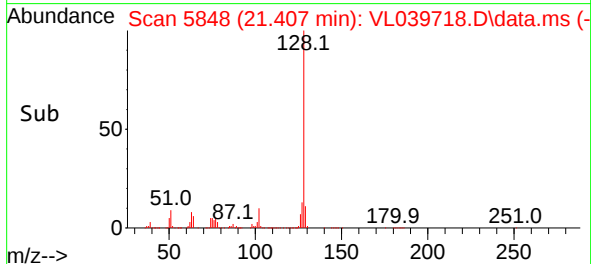
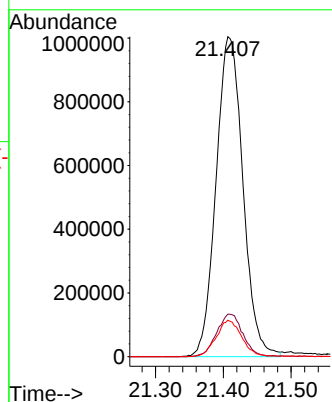
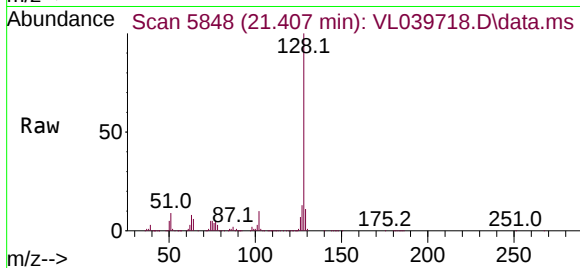




#79
Naphthalene
Concen: 13.721 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. 0.026 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

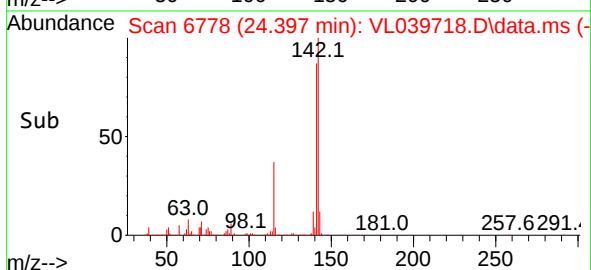
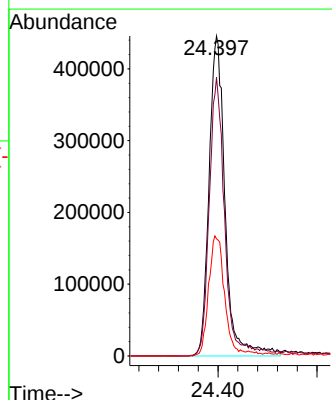
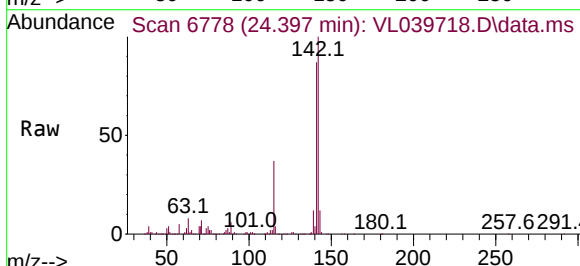
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

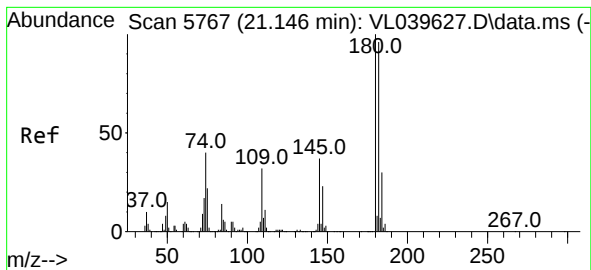
Tgt Ion:128 Resp: 2765914
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.4 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 13.172 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.020 min
Lab File: VL039718.D
Acq: 17 Oct 2022 13:20

Tgt Ion:142 Resp: 998297
Ion Ratio Lower Upper
142 100
141 84.1 68.9 103.3
115 39.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.652 ppbv
 RT: 21.166 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VL039718.D
 Acq: 17 Oct 2022 13:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1542671

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
184	30.5	24.3	36.5

