

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039695.D
 Acq On : 5 Oct 2022 8:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 07 11:50:01 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	5.208	49	984195	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2576187	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2307731	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1695702	9.843	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	27742	0.243	ppbv	90
3) Chlorodifluoromethane	2.703	51	20555	0.176	ppbv	96
4) Chloromethane	2.838	50	13138	0.186	ppbv	93
5) Vinyl Chloride	2.948	62	9194	0.157	ppbv	92
6) Bromomethane	3.144	94	3503	0.162	ppbv #	77
7) Chloroethane	3.224	64	4407m	0.205	ppbv	
8) Dichlorotetrafluoroethane	2.883	85	25438	0.186	ppbv	93
9) Propene	2.729	41	11855	0.222	ppbv	100
10) Heptane	7.590	43	12720m	0.102	ppbv	
11) Trichlorofluoromethane	3.587	101	25727m	0.182	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.089	101	19110	0.179	ppbv	100
13) Ethanol	3.282	45	2816m	0.693	ppbv	
14) Bromoethene	3.388	108	7713m	0.181	ppbv	
15) Acetone	3.510	43	22026	0.201	ppbv #	75
16) 1,3-Butadiene	3.012	39	10605m	0.191	ppbv	
17) tert-Butyl alcohol	3.925	59	17250m	0.176	ppbv	
18) 1,1-Dichloroethene	3.902	96	9472m	0.202	ppbv	
19) Isopropyl Alcohol	3.623	45	11459m	0.205	ppbv	
20) Methylene Chloride	3.960	84	13366	0.264	ppbv	91
21) Allyl Chloride	4.021	41	9938	0.133	ppbv #	69
22) trans-1,2-Dichloroethene	4.468	96	9743m	0.210	ppbv	
23) Vinyl Acetate	4.639	43	13356m	0.270	ppbv	
24) 1,1-Dichloroethane	4.581	63	16835	0.171	ppbv	98
25) Ethyl Acetate	5.237	43	32495	0.136	ppbv #	92
26) Hexane	5.234	57	20258m	0.200	ppbv	
27) Carbon Disulfide	4.147	76	10144	0.095	ppbv #	28
28) Methyl tert-Butyl Ether	4.626	73	13078m	0.154	ppbv	
29) Chloroform	5.288	83	27801m	0.190	ppbv	
30) Cyclohexane	6.629	84	7553m	0.096	ppbv	
31) cis-1,2-Dichloroethene	5.105	61	11727m	0.128	ppbv	
32) 1,1,1-Trichloroethane	6.025	97	20678m	0.156	ppbv	
34) 2-Butanone	4.825	43	23078m	0.182	ppbv	
35) Carbon Tetrachloride	6.513	117	23721m	0.173	ppbv	
36) Benzene	6.381	78	24529	0.125	ppbv #	85
37) 1,2-Dichloroethane	5.825	62	18999m	0.177	ppbv	
38) Trichloroethene	7.301	130	16884m	0.159	ppbv	
39) 1,2-Dichloropropane	7.092	63	12000m	0.158	ppbv	
40) 1,4-Dioxane	7.356	88	3682m	0.119	ppbv	
41) Tetrahydrofuran	5.607	42	9030m	0.116	ppbv	
42) Bromodichloromethane	7.259	83	19411	0.130	ppbv #	92
43) Methyl Methacrylate	7.497	69	6808m	0.095	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	35055m	0.103	ppbv	
45) t-1,3-Dichloropropene	8.713	75	6118m	0.101	ppbv	

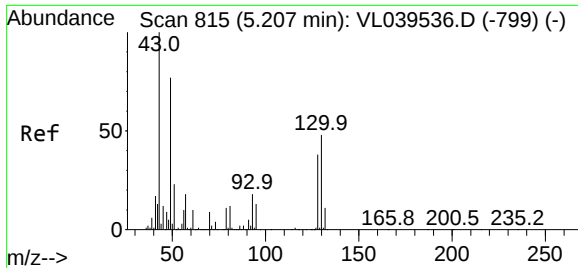
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039695.D
 Acq On : 5 Oct 2022 8:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 07 11:50:01 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)
46) cis-1,3-Dichloropropene	8.143	75	8580m	0.099	ppbv	
47) 1,1,2-Trichloroethane	8.912	97	12846m	0.155	ppbv	
48) Dibromochloromethane	9.722	129	16412m	0.131	ppbv	
49) Bromoform	12.410	173	12231m	0.118	ppbv	
50) 4-Methyl-2-Pentanone	8.221	43	18752m	0.094	ppbv	
51) 2-Hexanone	9.597	43	13126m	0.089	ppbv	
52) Tetrachloroethene	10.626	164	9697m	0.129	ppbv	
53) Toluene	9.221	91	18634m	0.085	ppbv	
54) 1,2-Dibromoethane	10.015	107	13328m	0.150	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.513	131	6075	0.065	ppbv #	1
57) Chlorobenzene	11.536	112	31102m	0.183	ppbv	
58) Ethyl Benzene	12.098	91	24953m	0.094	ppbv	
59) m/p-Xylene	12.378	91	40429m	0.171	ppbv	
60) o-Xylene	13.073	91	21917m	0.097	ppbv	
61) Styrene	12.905	104	9485m	0.078	ppbv	
62) Isopropylbenzene	14.040	105	41007m	0.121	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	16830m	0.187	ppbv	
64) n-propylbenzene	14.931	120	8409m	0.097	ppbv	
65) tert-Butylbenzene	16.098	119	34086m	0.113	ppbv	
66) Benzyl Chloride	16.339	91	2973m	0.124	ppbv	
67) sec-Butylbenzene	16.642	105	46853m	0.111	ppbv	
69) p-Isopropyltoluene	17.008	119	32901m	0.095	ppbv	
70) n-Butylbenzene	17.895	91	36980m	0.109	ppbv	
71) 2-Chlorotoluene	14.812	91	27407m	0.112	ppbv	
72) 4-Ethyltoluene	15.201	105	24279m	0.094	ppbv	
73) 1,3,5-Trimethylbenzene	15.362	105	23121m	0.098	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	28759m	0.109	ppbv	
75) 1,3-Dichlorobenzene	16.342	146	25355m	0.160	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	26590m	0.168	ppbv	
77) 1,2-Dichlorobenzene	17.150	146	28043m	0.182	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	36611m	0.311	ppbv	
79) Naphthalene	21.397	128	34528m	0.198	ppbv	
80) Naphthalene,2-methyl-	24.394	142	7611	0.116	ppbv #	85
81) 1,2,4-Trichlorobenzene	21.146	180	24290m	0.212	ppbv	

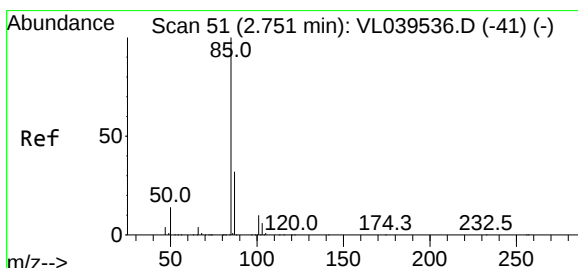
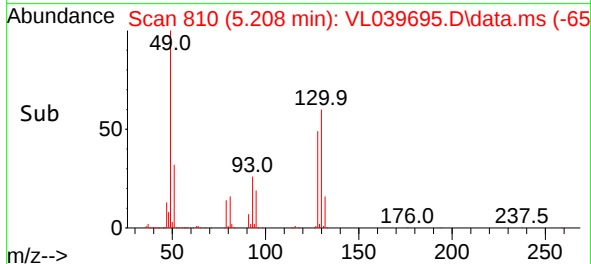
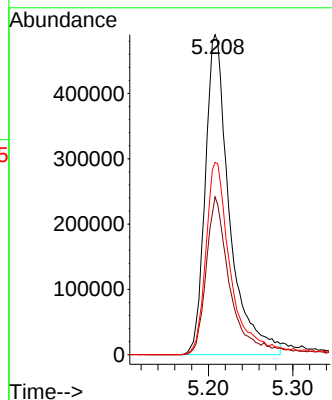
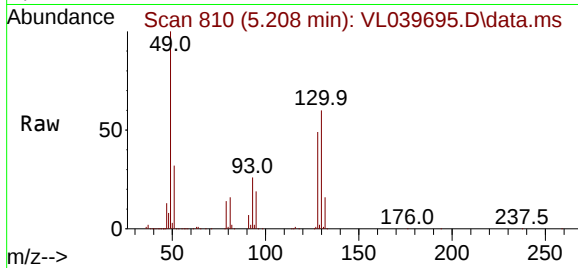
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

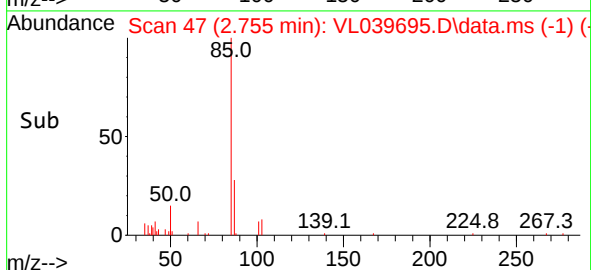
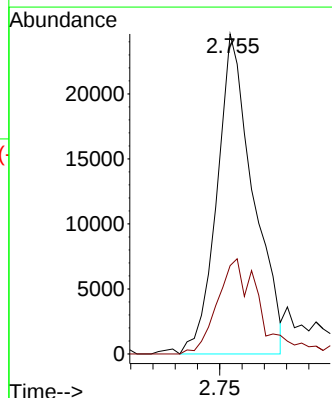
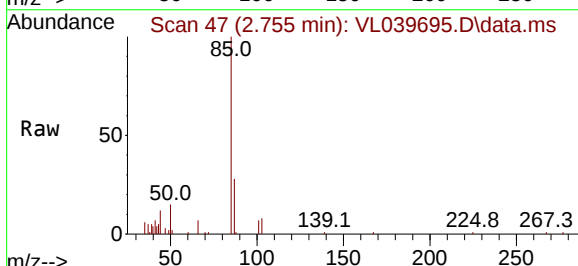
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

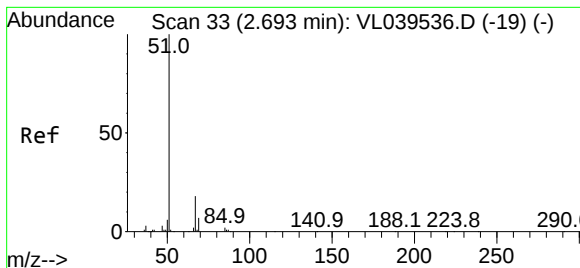
Tgt Ion: 49 Resp: 984195
 Ion Ratio Lower Upper
 49 100
 128 50.5 26.7 80.0
 130 64.4 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.243 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 85 Resp: 27742
 Ion Ratio Lower Upper
 85 100
 87 27.6 26.7 40.1

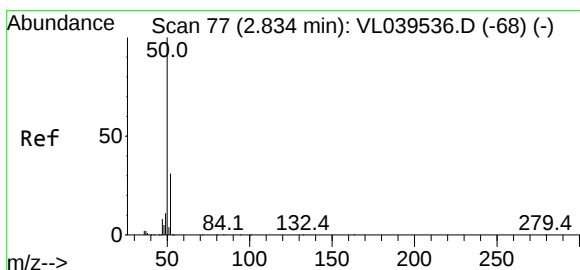
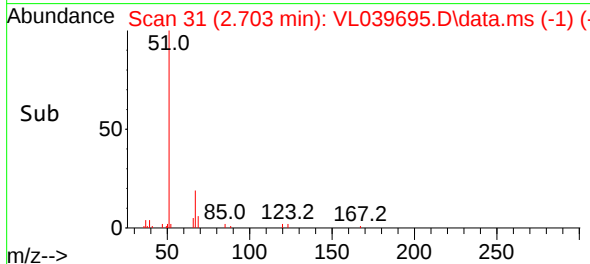
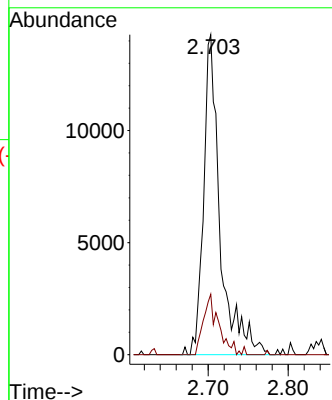
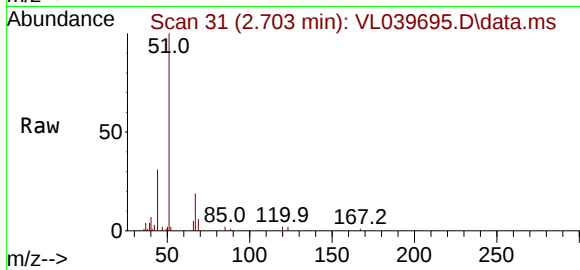




#3
Chlorodifluoromethane
Concen: 0.176 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

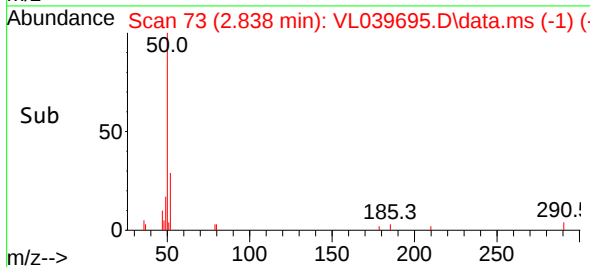
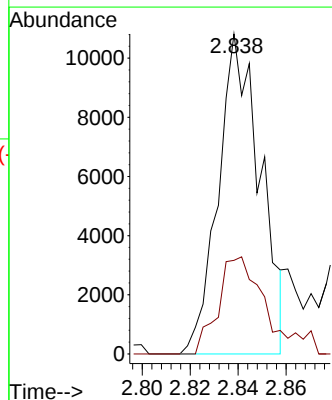
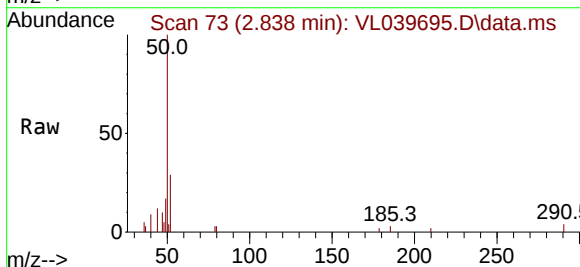
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

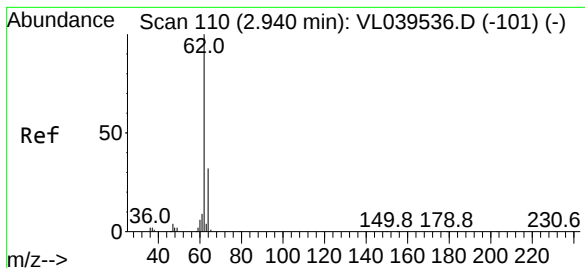
Tgt Ion: 51 Resp: 20555
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5



#4
Chloromethane
Concen: 0.186 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 50 Resp: 13138
Ion Ratio Lower Upper
50 100
52 29.2 26.5 39.7

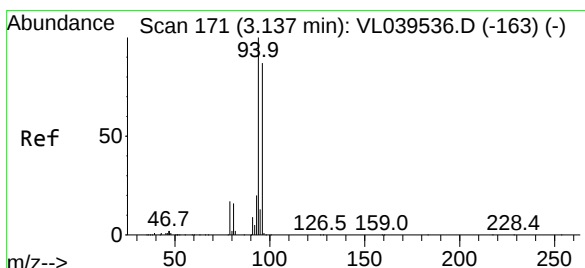
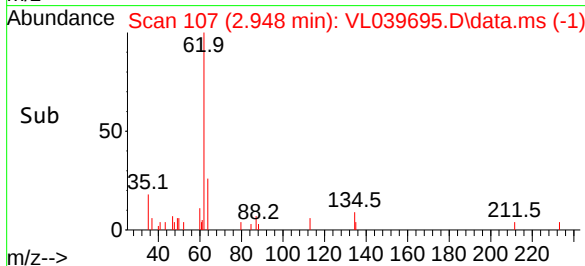
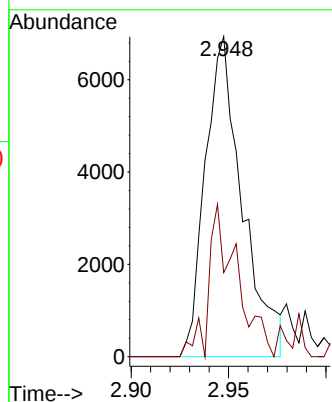
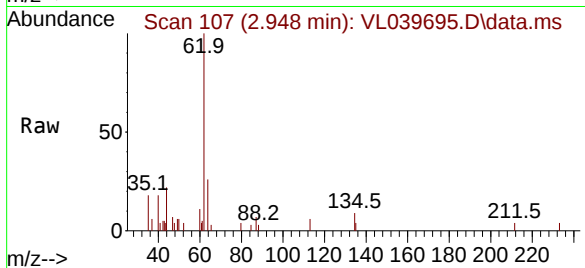




#5
 Vinyl Chloride
 Concen: 0.157 ppbv
 RT: 2.948 min Scan# 110
 Delta R.T. 0.007 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

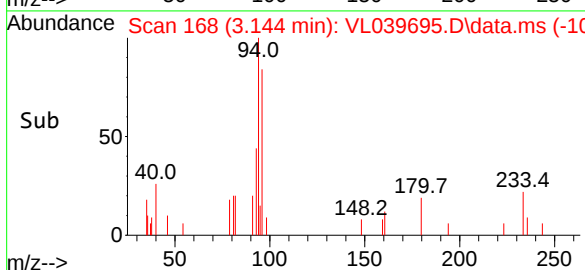
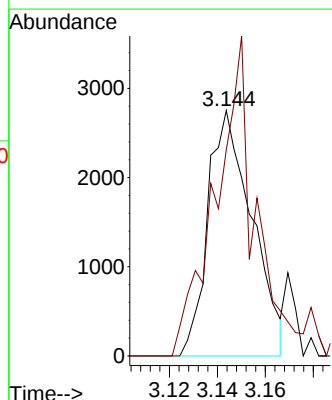
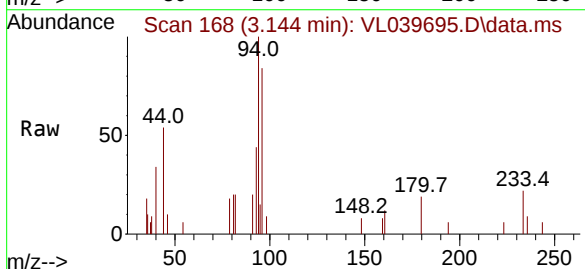
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

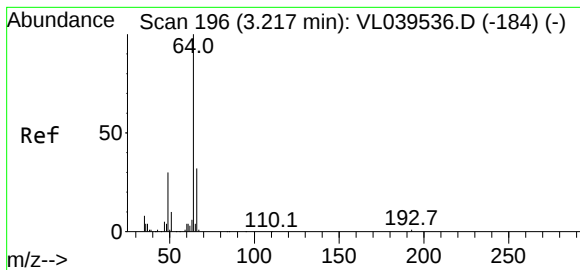
Tgt Ion: 62 Resp: 9194
 Ion Ratio Lower Upper
 62 100
 64 26.3 24.6 36.8



#6
 Bromomethane
 Concen: 0.162 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 94 Resp: 3503
 Ion Ratio Lower Upper
 94 100
 96 71.9 75.6 113.4#

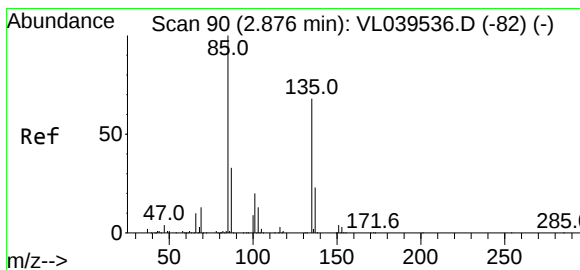
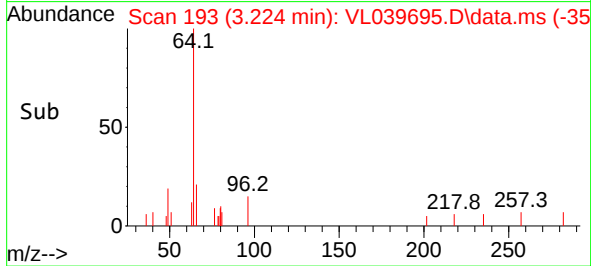
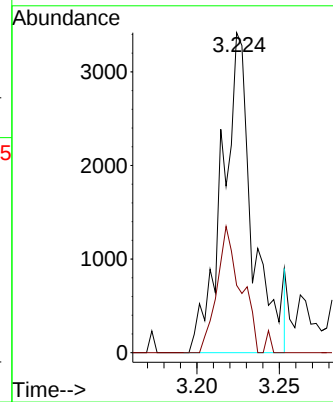
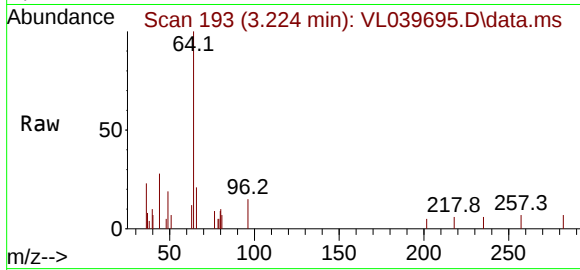




#7
Chloroethane
Concen: 0.205 ppbv m
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

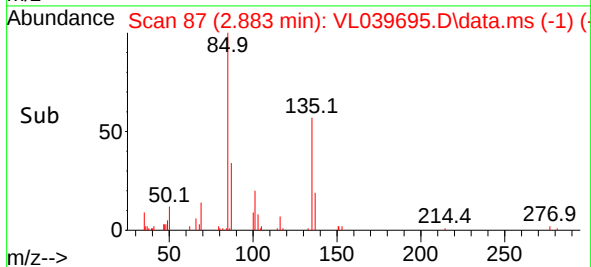
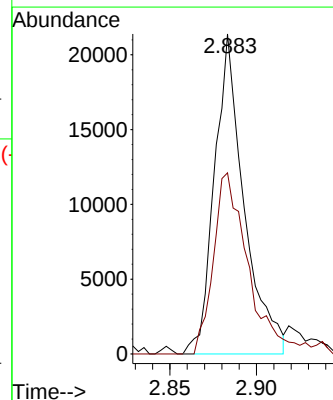
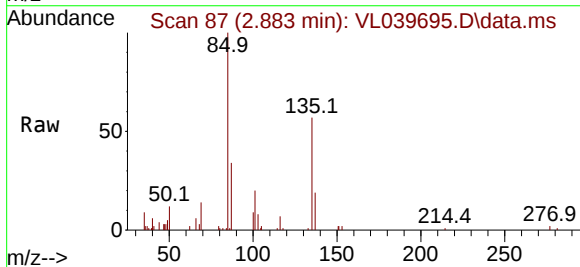
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 4407
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#8
Dichlorotetrafluoroethane
Concen: 0.186 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 85 Resp: 25438
Ion Ratio Lower Upper
85 100
135 68.2 59.0 88.4

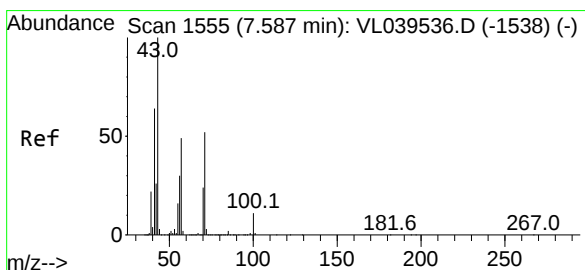
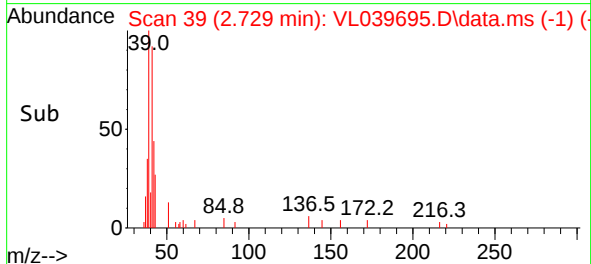
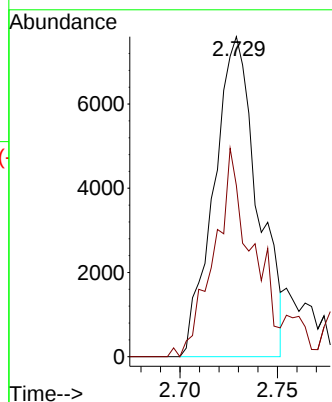
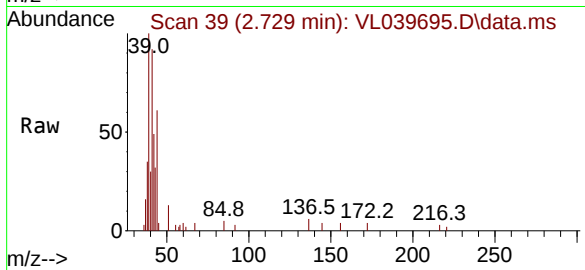




#9
 Propene
 Concen: 0.222 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.014 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

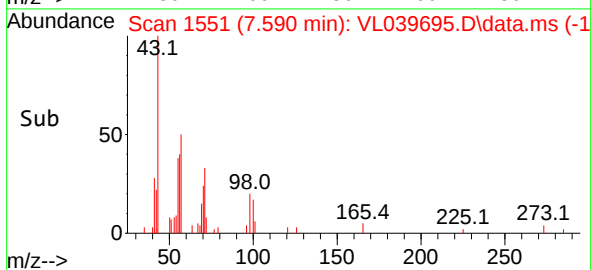
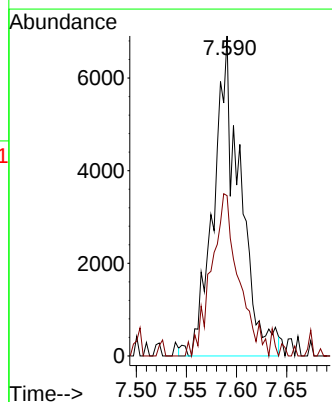
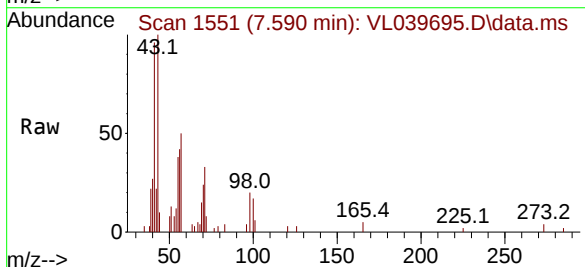
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

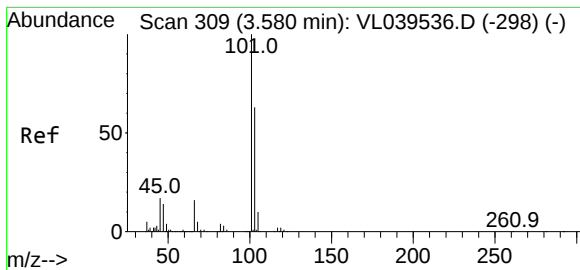
Tgt Ion: 41 Resp: 11855
 Ion Ratio Lower Upper
 41 100
 42 68.8 55.2 82.8



#10
 Heptane
 Concen: 0.102 ppbv m
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.004 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 43 Resp: 12720
 Ion Ratio Lower Upper
 43 100
 57 55.5 40.5 60.7

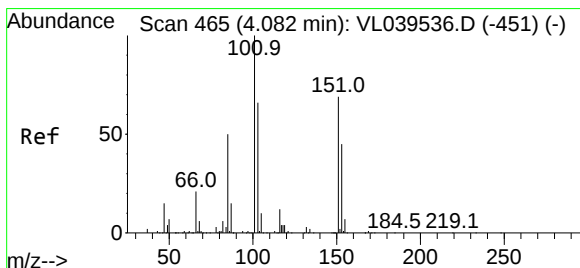
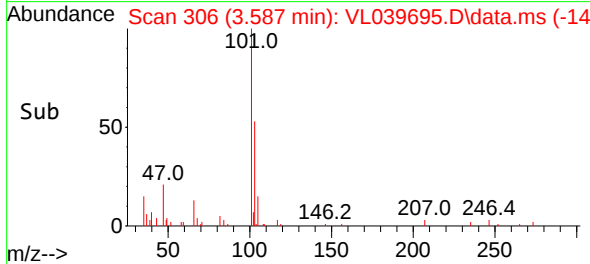
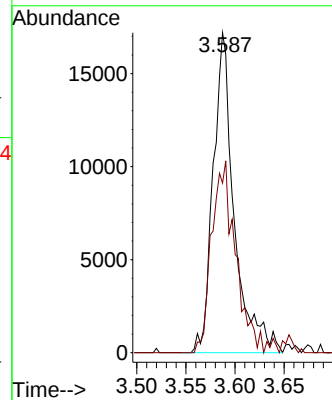
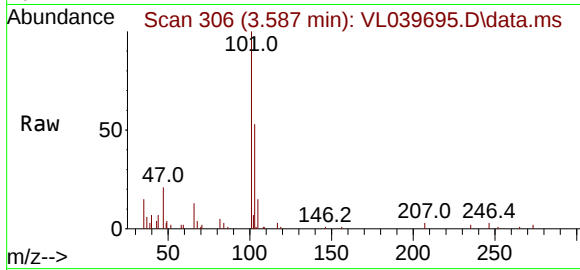




#11
 Trichlorofluoromethane
 Concen: 0.182 ppbv m
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

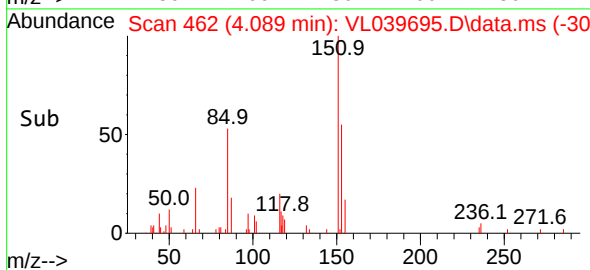
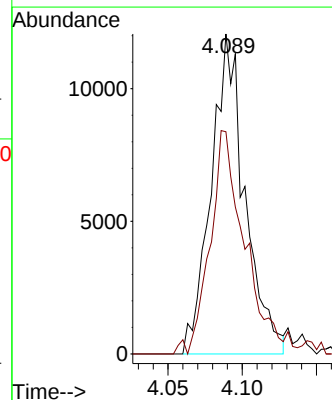
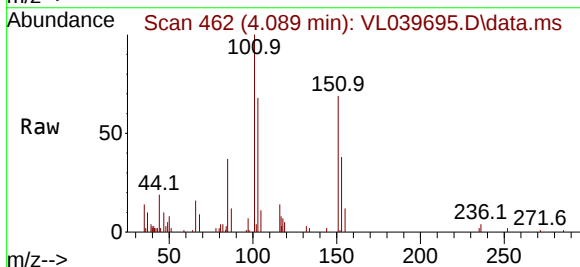
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

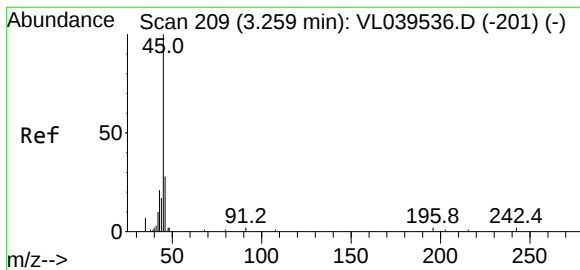
Tgt Ion:101 Resp: 25727
 Ion Ratio Lower Upper
 101 100
 103 53.0 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.179 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion:101 Resp: 19110
 Ion Ratio Lower Upper
 101 100
 151 73.9 58.9 88.3

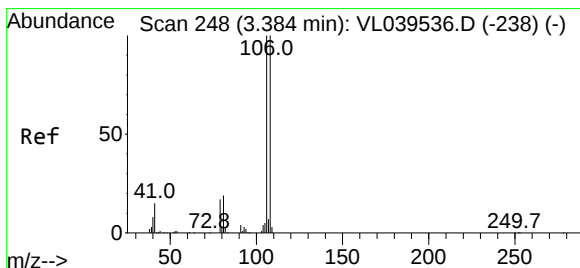
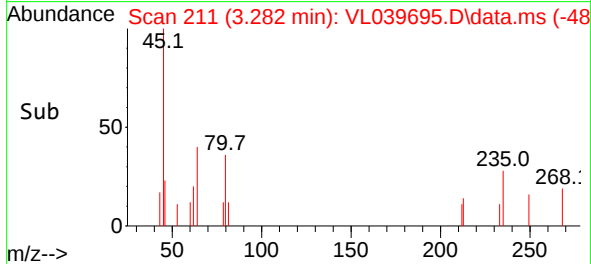
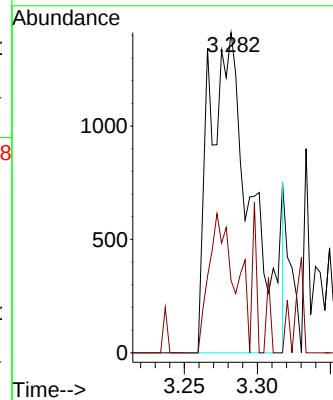
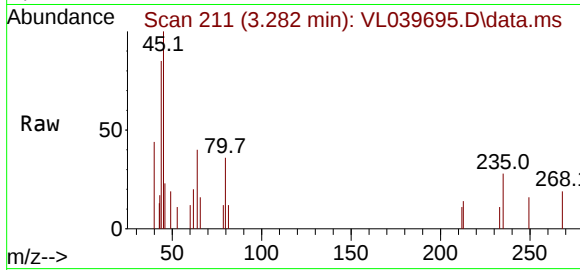




#13
 Ethanol
 Concen: 0.693 ppbv m
 RT: 3.282 min Scan# 211
 Delta R.T. 0.023 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

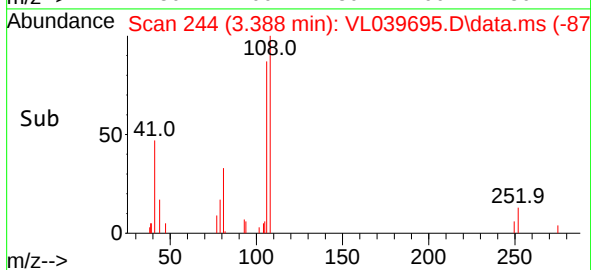
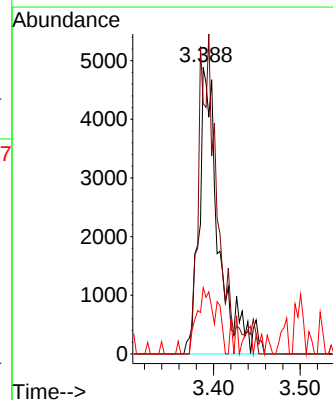
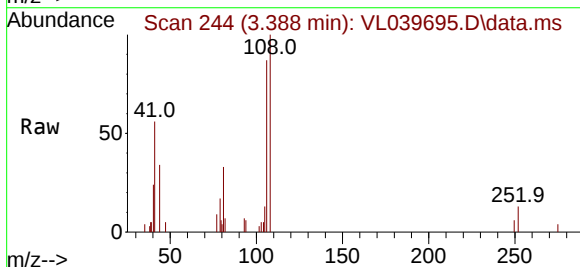
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

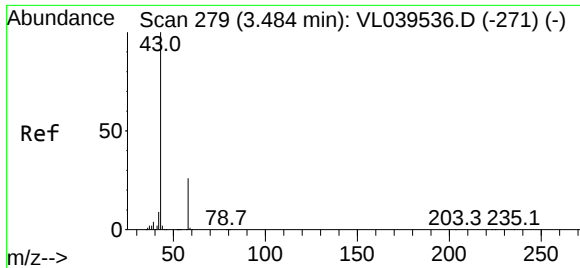
Tgt Ion: 45 Resp: 2816
 Ion Ratio Lower Upper
 45 100
 46 0.0 22.8 91.2#



#14
 Bromoethene
 Concen: 0.181 ppbv m
 RT: 3.388 min Scan# 244
 Delta R.T. 0.004 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 108 Resp: 7713
 Ion Ratio Lower Upper
 108 100
 106 0.0 87.1 130.7#
 79 24.6 14.6 22.0#

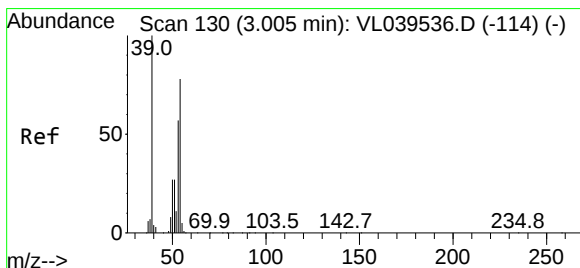
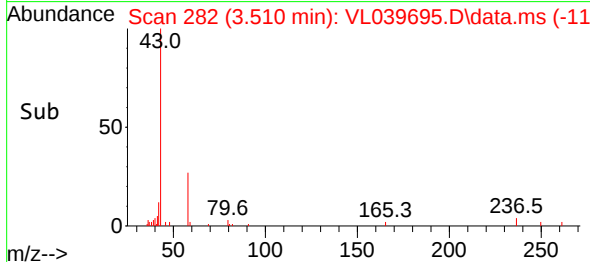
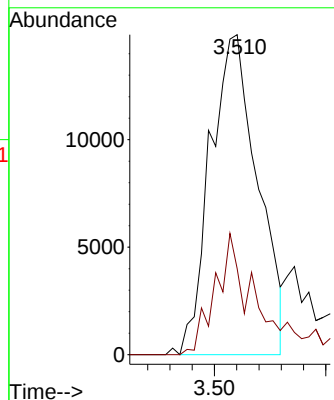
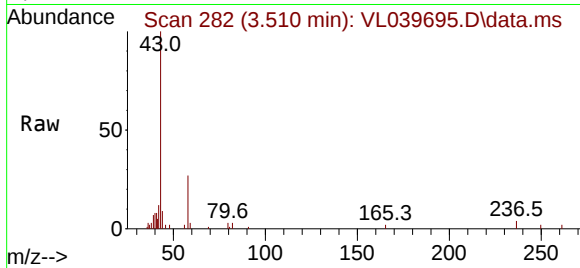




#15
Acetone
Concen: 0.201 ppbv
RT: 3.510 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

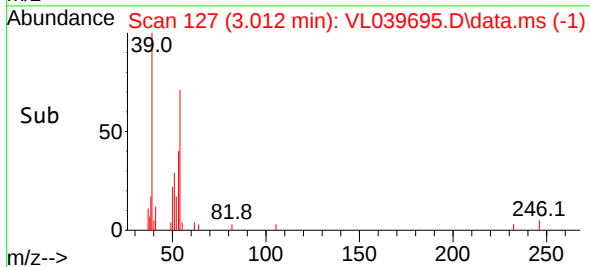
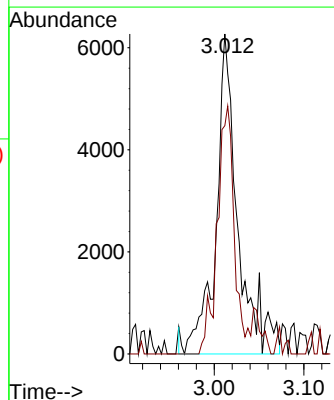
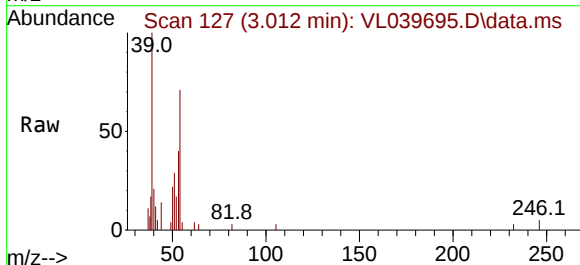
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

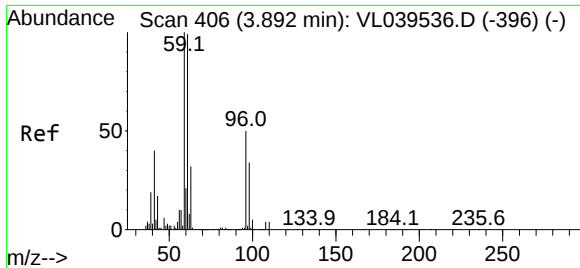
Tgt Ion: 43 Resp: 22026
Ion Ratio Lower Upper
43 100
58 39.2 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.191 ppbv m
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 39 Resp: 10605
Ion Ratio Lower Upper
39 100
54 69.0 63.7 95.5

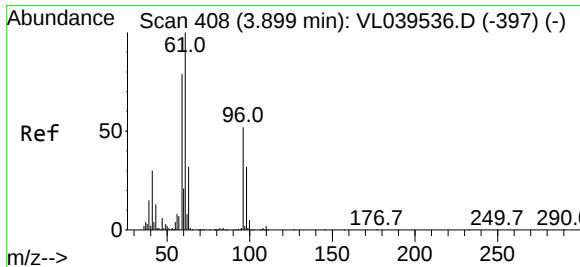
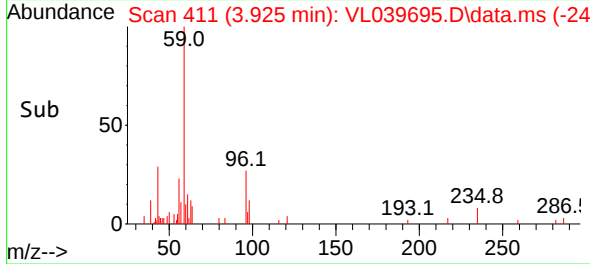
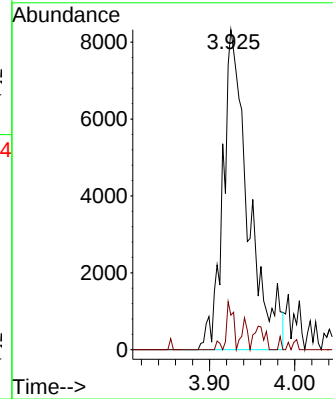
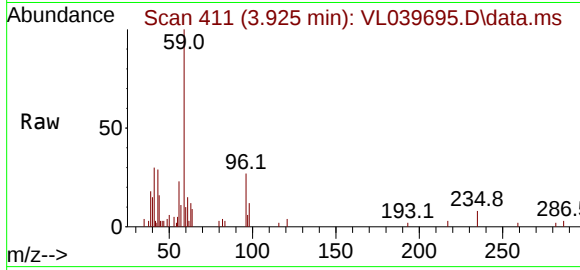




#17
tert-Butyl alcohol
Concen: 0.176 ppbv m
RT: 3.925 min Scan# 411
Delta R.T. 0.033 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

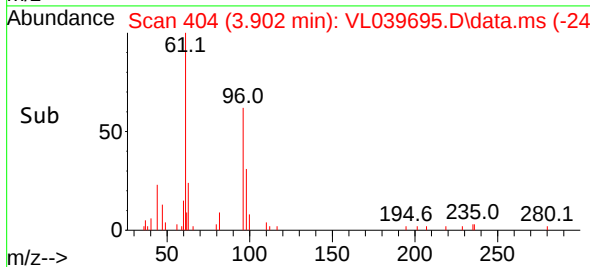
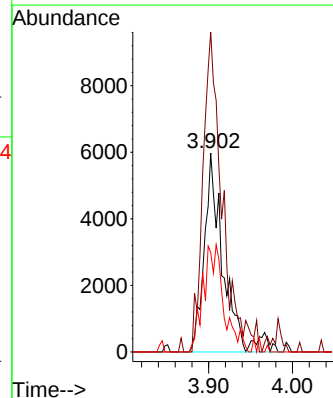
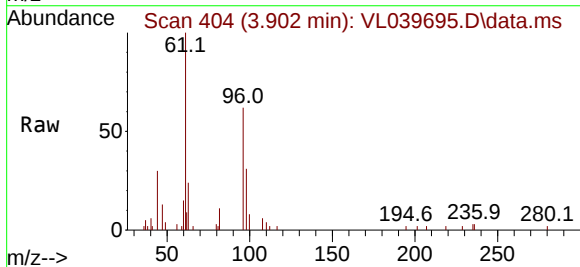
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 17250
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.202 ppbv m
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 96 Resp: 9472
Ion Ratio Lower Upper
96 100
61 160.8 152.2 228.4
98 50.0 51.8 77.6#

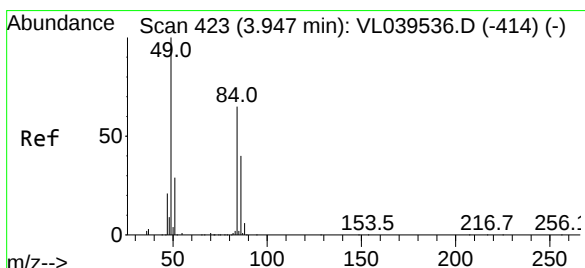
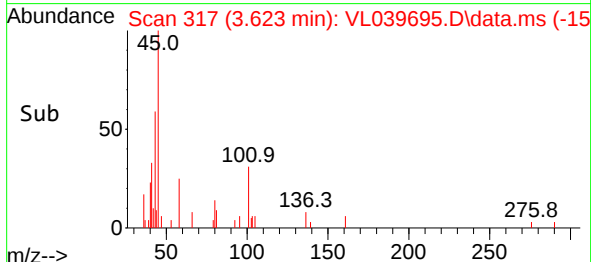
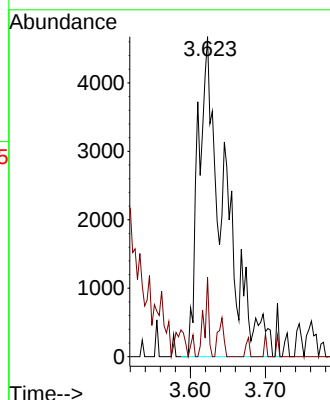
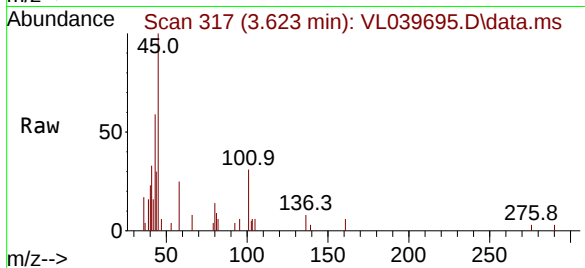




#19
Isopropyl Alcohol
Concen: 0.205 ppbv m
RT: 3.623 min Scan# 311
Delta R.T. 0.033 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

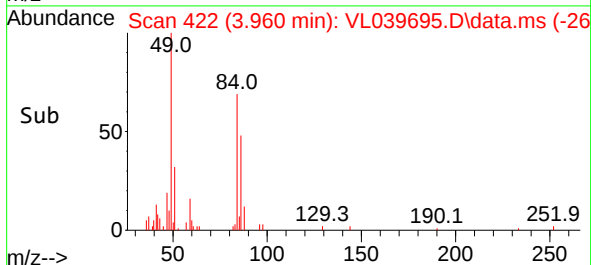
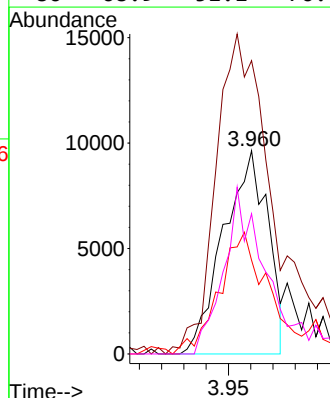
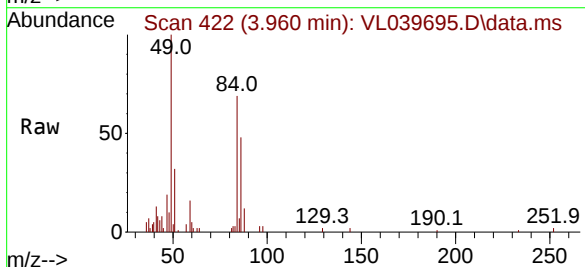
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

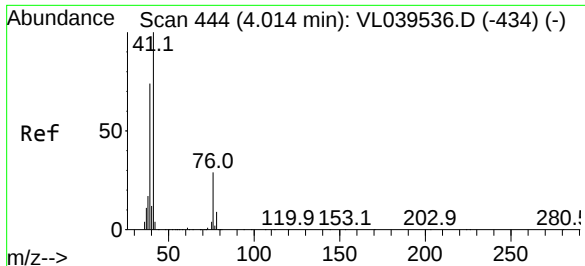
Tgt Ion: 45 Resp: 11459
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#



#20
Methylene Chloride
Concen: 0.264 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.014 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 84 Resp: 13366
Ion Ratio Lower Upper
84 100
49 137.4 123.1 184.7
51 42.5 34.4 51.6
86 68.9 51.1 76.7





#21

Allyl Chloride

Concen: 0.133 ppbv

RT: 4.021 min Scan# 441

Delta R.T. 0.007 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

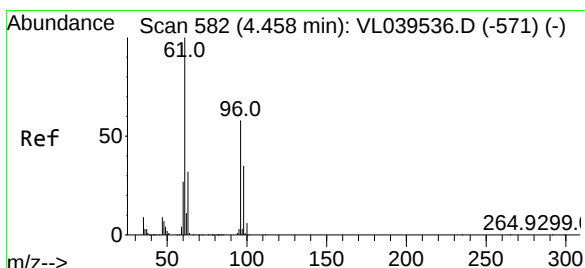
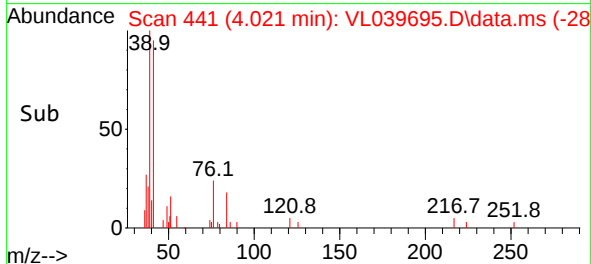
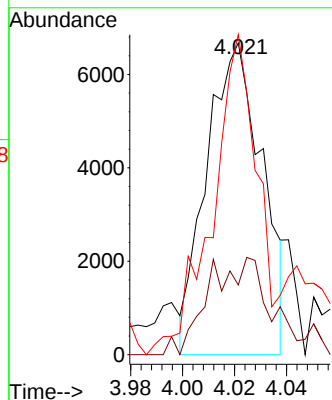
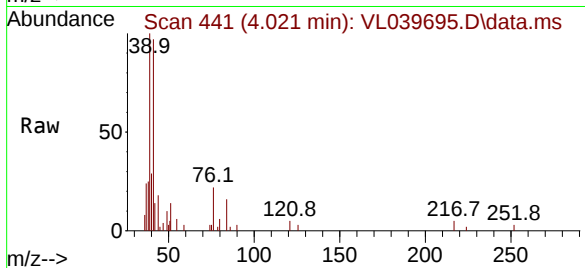
Tgt Ion: 41 Resp: 9938

Ion Ratio Lower Upper

41 100

76 37.5 24.4 36.6#

39 112.8 63.5 95.3#



#22

trans-1,2-Dichloroethene

Concen: 0.210 ppbv m

RT: 4.468 min Scan# 580

Delta R.T. 0.010 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

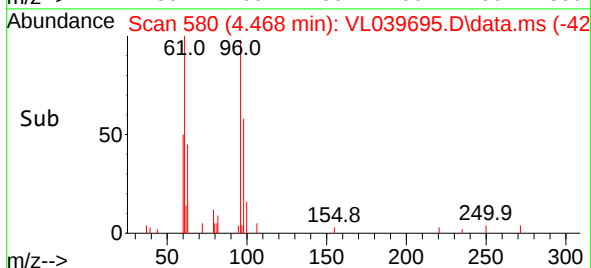
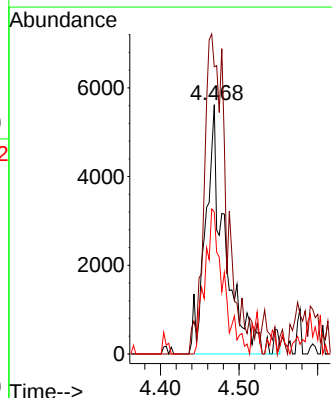
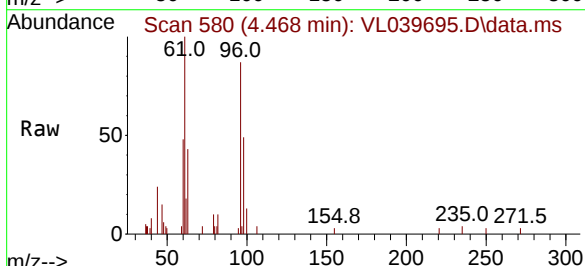
Tgt Ion: 96 Resp: 9743

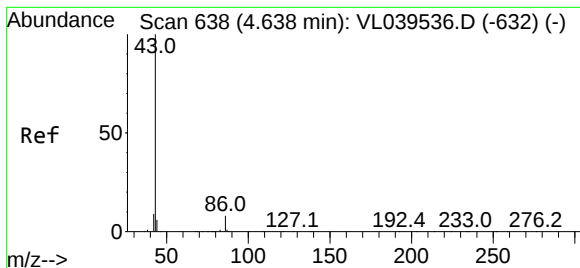
Ion Ratio Lower Upper

96 100

61 115.2 130.6 195.8#

98 57.0 53.4 80.0





#23

Vinyl Acetate

Concen: 0.270 ppbv m

RT: 4.639 min Scan# 61

Delta R.T. 0.001 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010EC

Tgt Ion: 43 Resp: 13356

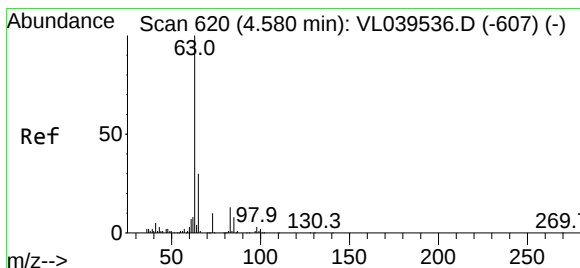
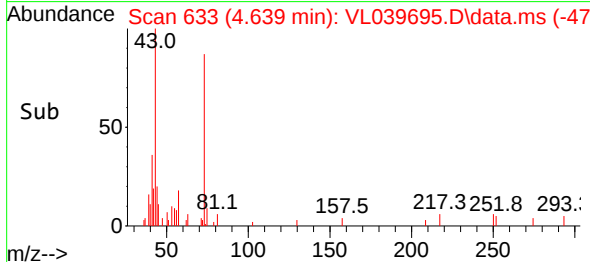
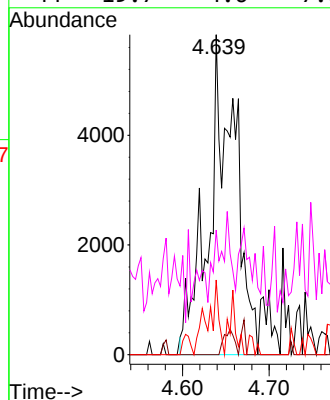
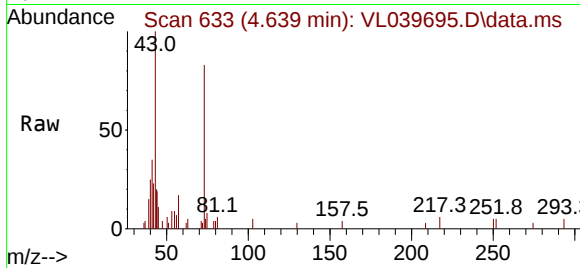
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.6#

42 23.4 7.7 11.5#

44 19.7 4.6 7.0#



#24

1,1-Dichloroethane

Concen: 0.171 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.001 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

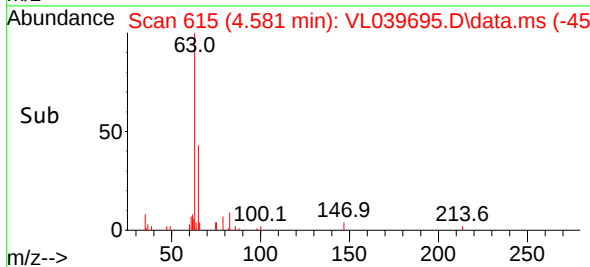
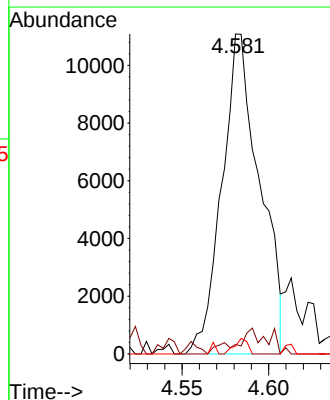
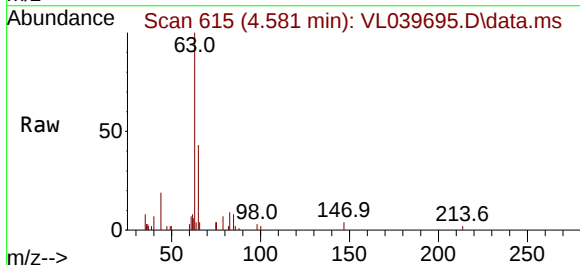
Tgt Ion: 63 Resp: 16835

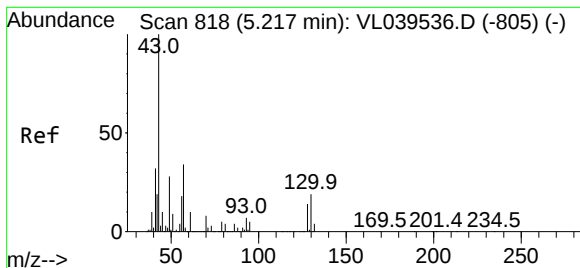
Ion Ratio Lower Upper

63 100

98 2.8 1.8 5.3

100 2.3 1.5 4.4





#25

Ethyl Acetate

Concen: 0.136 ppbv

RT: 5.237 min Scan# 818

Delta R.T. 0.020 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 32495

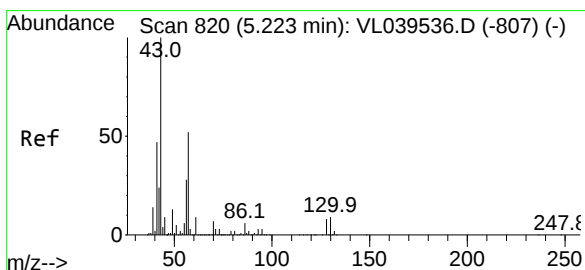
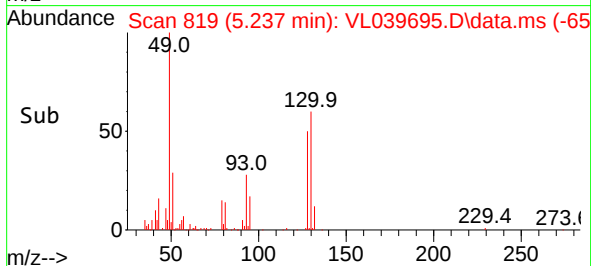
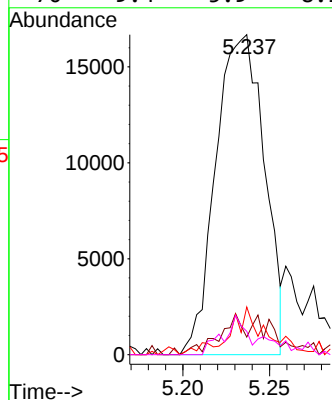
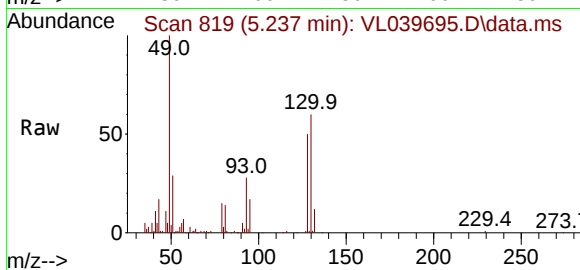
Ion Ratio Lower Upper

43 100

45 14.4 8.2 12.4#

61 12.5 8.3 12.5#

70 9.4 5.9 8.9#



#26

Hexane

Concen: 0.200 ppbv m

RT: 5.234 min Scan# 818

Delta R.T. 0.010 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Tgt Ion: 57 Resp: 20258

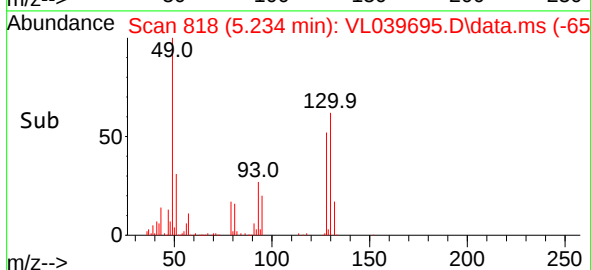
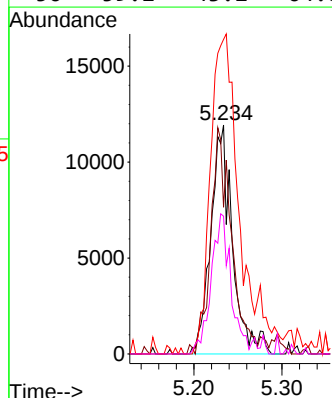
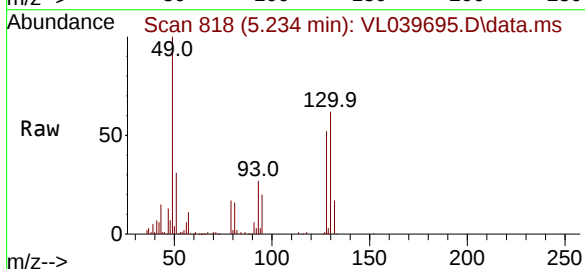
Ion Ratio Lower Upper

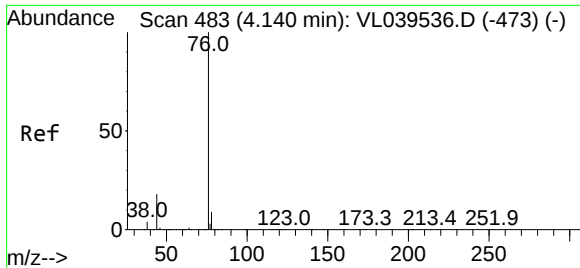
57 100

41 102.9 76.9 115.3

43 192.9 191.0 286.6

56 59.2 43.2 64.8





#27

Carbon Disulfide

Concen: 0.095 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

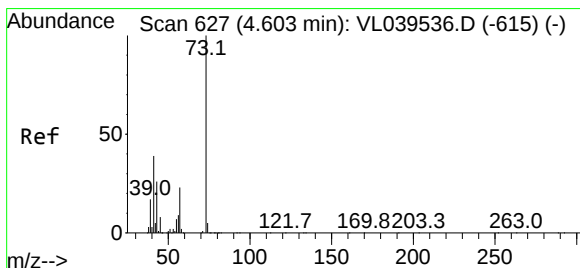
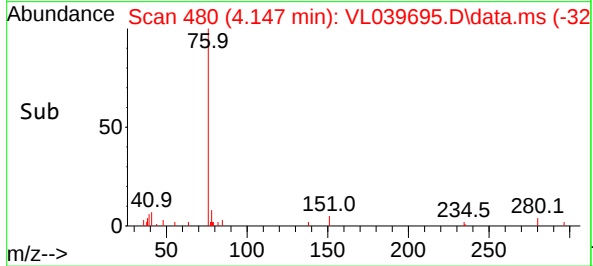
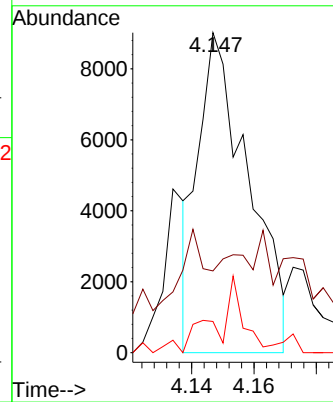
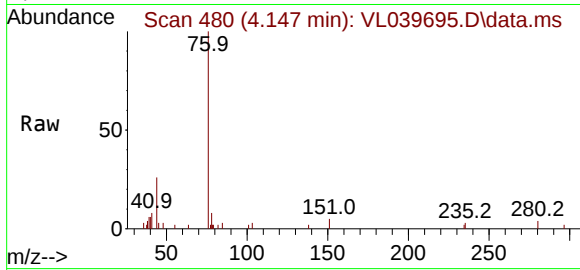
Tgt Ion: 76 Resp: 10144

Ion Ratio Lower Upper

76 100

44 63.0 14.6 21.8#

78 15.8 7.8 11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.154 ppbv m

RT: 4.626 min Scan# 629

Delta R.T. 0.023 min

Lab File: VL039695.D

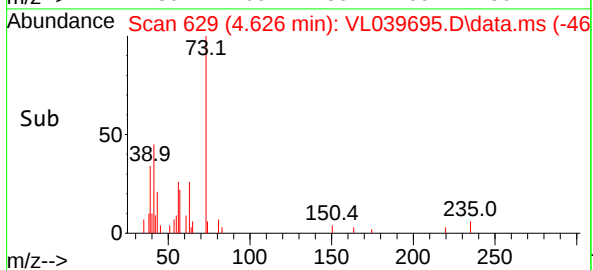
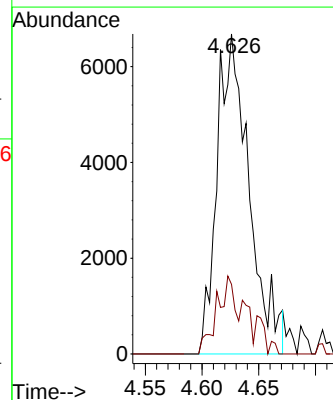
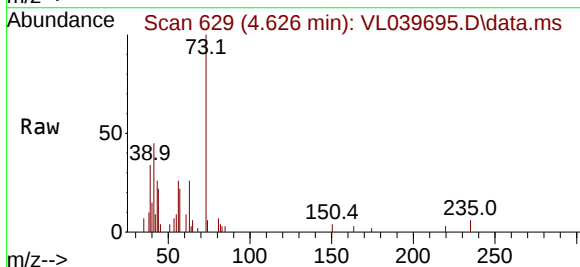
Acq: 5 Oct 2022 8:22

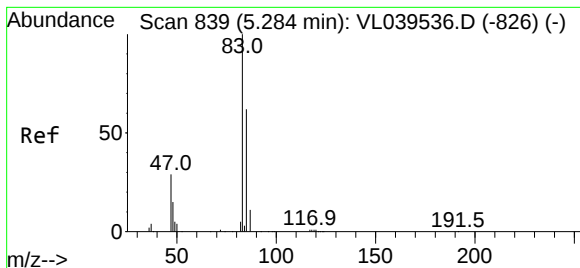
Tgt Ion: 73 Resp: 13078

Ion Ratio Lower Upper

73 100

57 22.7 19.8 29.8





#29

Chloroform

Concen: 0.190 ppbv m

RT: 5.288 min Scan# 81

Delta R.T. 0.004 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

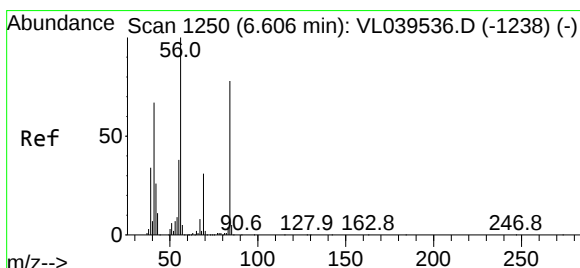
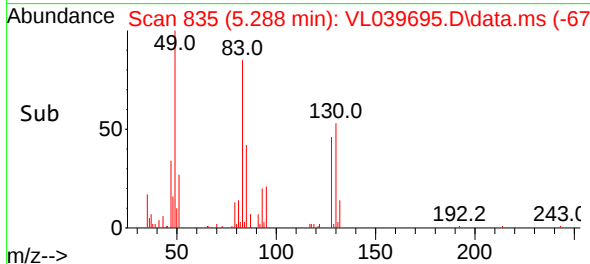
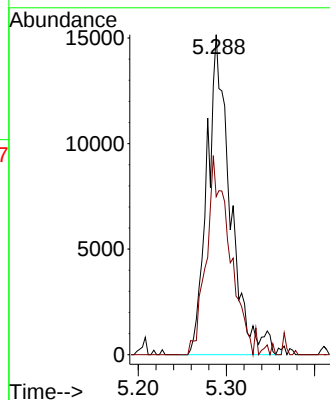
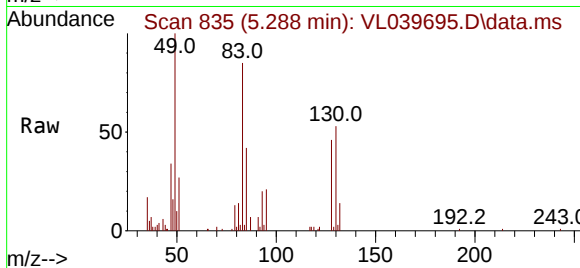
VSTDCCC010EC

Tgt Ion: 83 Resp: 27801

Ion Ratio Lower Upper

83 100

85 49.4 52.8 79.2#



#30

Cyclohexane

Concen: 0.096 ppbv m

RT: 6.629 min Scan# 1252

Delta R.T. 0.023 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

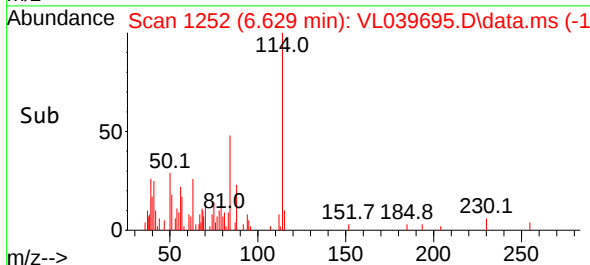
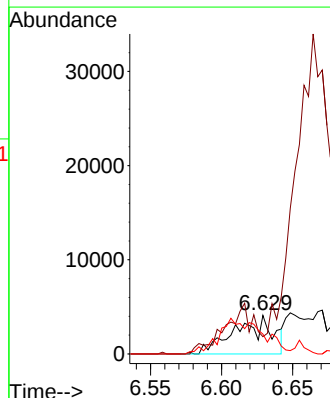
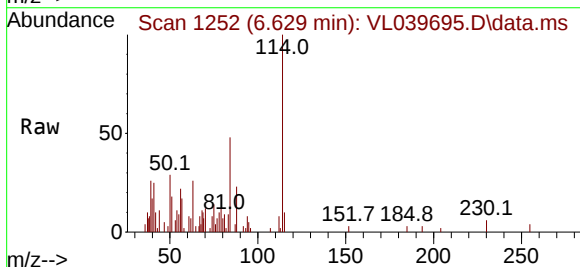
Tgt Ion: 84 Resp: 7553

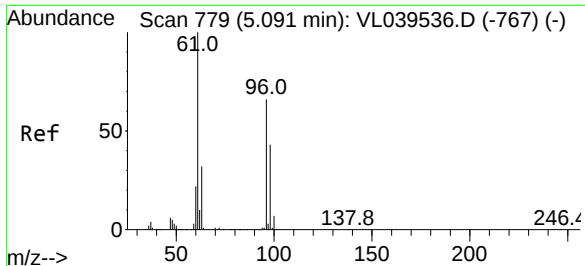
Ion Ratio Lower Upper

84 100

56 101.7 107.7 161.5#

41 114.4 67.7 101.5#

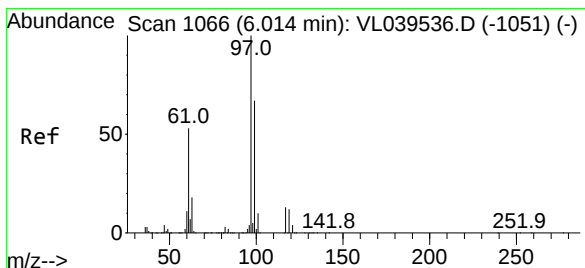
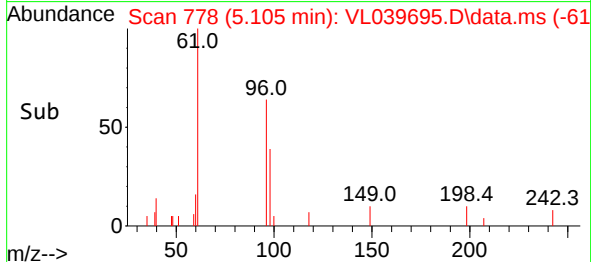
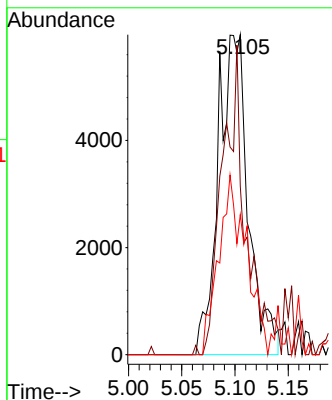
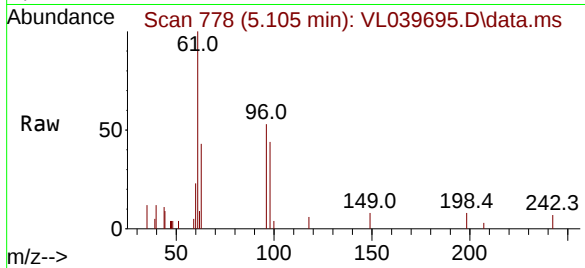




#31
 cis-1,2-Dichloroethene
 Concen: 0.128 ppbv m
 RT: 5.105 min Scan# 71
 Delta R.T. 0.014 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

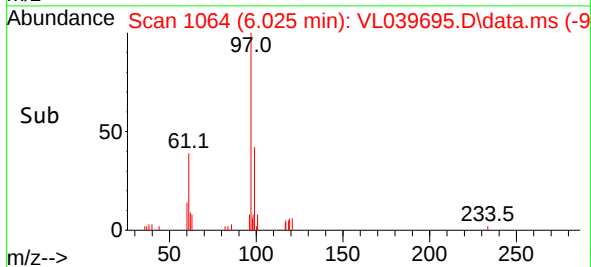
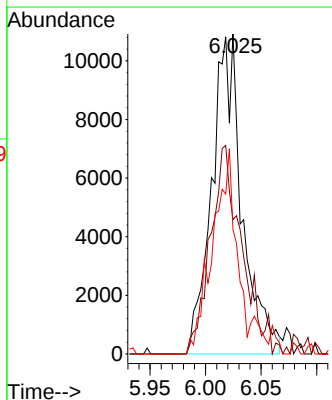
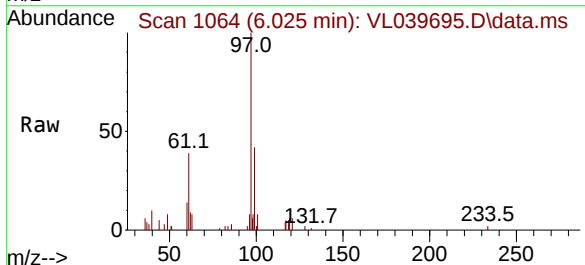
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

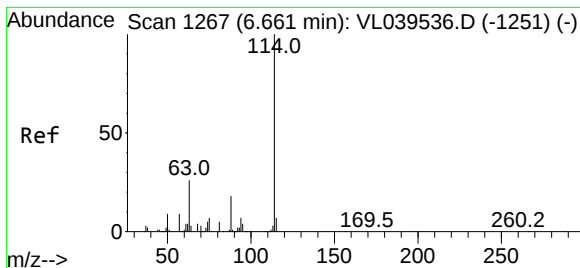
Tgt Ion: 61 Resp: 11727
 Ion Ratio Lower Upper
 61 100
 96 52.8 54.1 81.1#
 98 43.8 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.156 ppbv m
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.010 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 97 Resp: 20678
 Ion Ratio Lower Upper
 97 100
 99 70.4 52.3 78.5
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.004 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

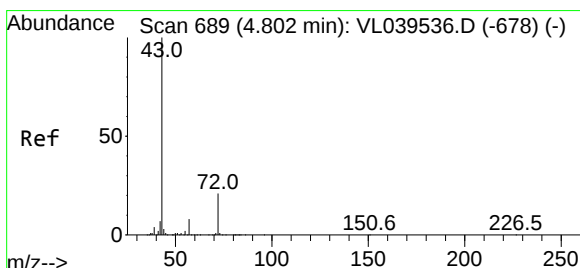
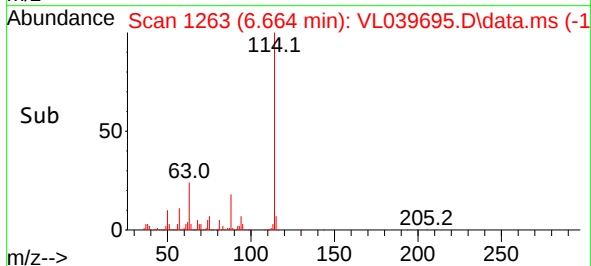
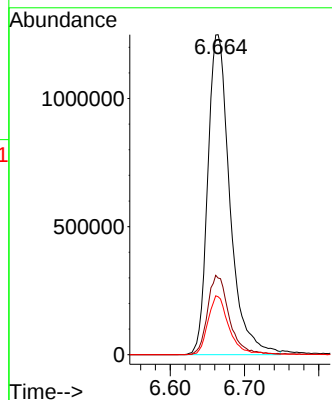
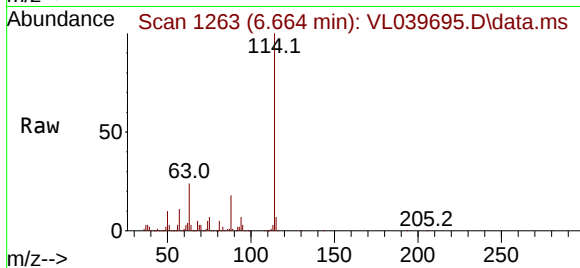
Tgt Ion:114 Resp: 2576187

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

88 17.6 14.5 21.7



#34

2-Butanone

Concen: 0.182 ppbv m

RT: 4.825 min Scan# 691

Delta R.T. 0.023 min

Lab File: VL039695.D

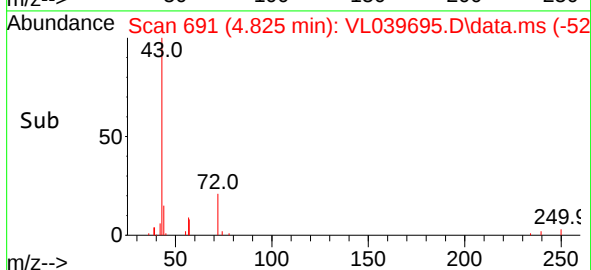
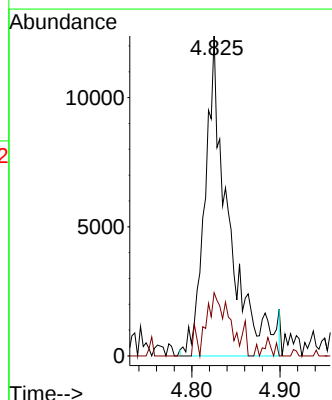
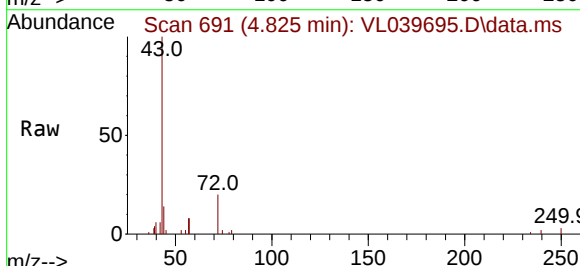
Acq: 5 Oct 2022 8:22

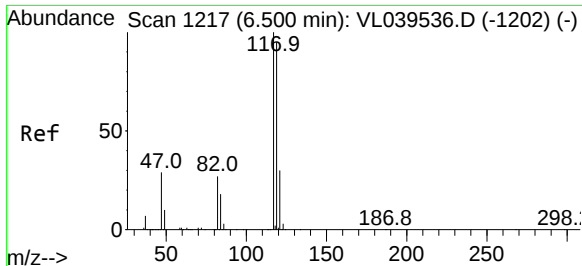
Tgt Ion: 43 Resp: 23078

Ion Ratio Lower Upper

43 100

72 20.6 17.9 26.9

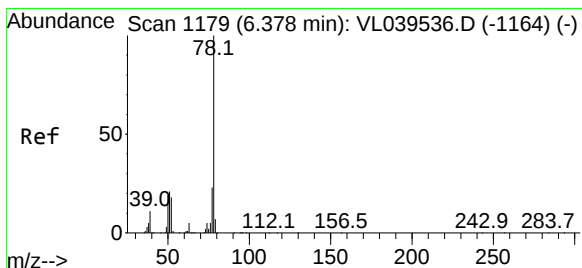
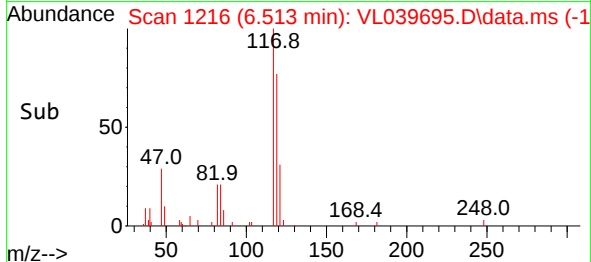
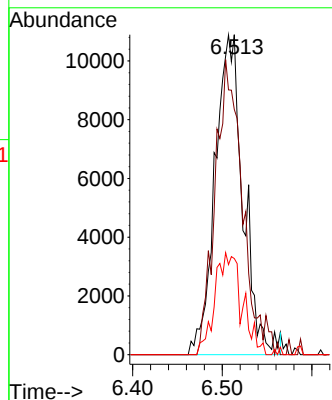
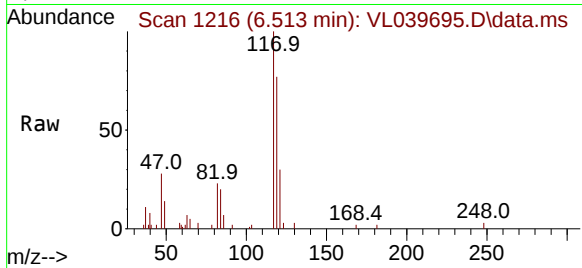




#35
Carbon Tetrachloride
Concen: 0.173 ppbv m
RT: 6.513 min Scan# 1175
Delta R.T. 0.014 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

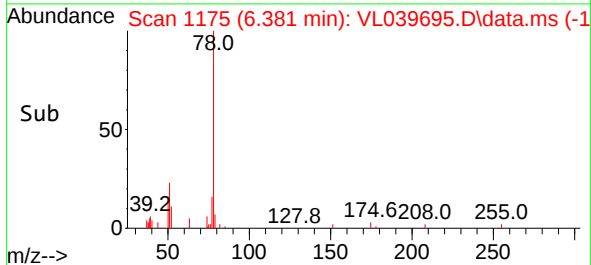
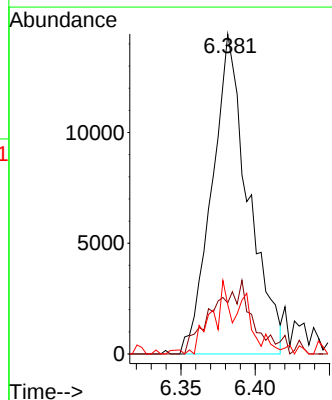
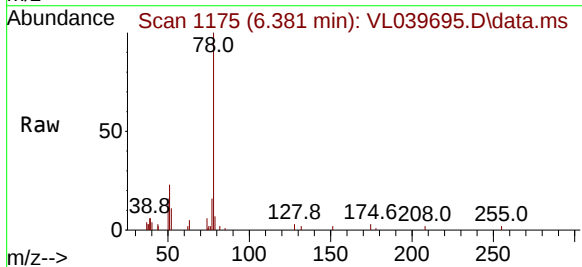
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

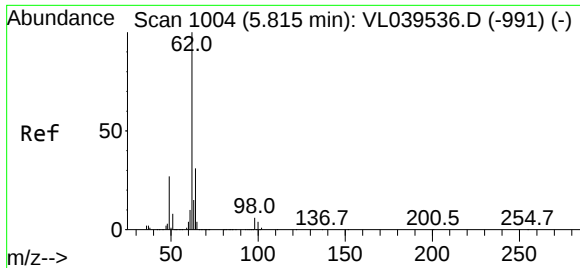
Tgt Ion:117 Resp: 23721
Ion Ratio Lower Upper
117 100
119 76.7 75.4 113.2
121 30.0 24.2 36.2



#36
Benzene
Concen: 0.125 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 78 Resp: 24529
Ion Ratio Lower Upper
78 100
77 16.0 20.3 30.5#
50 14.3 15.5 23.3#

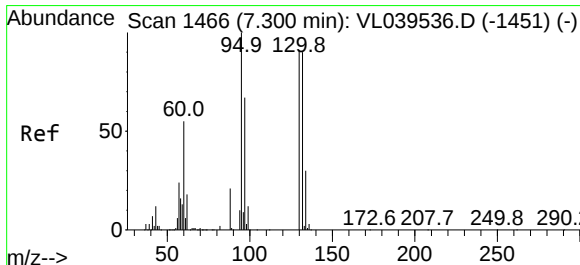
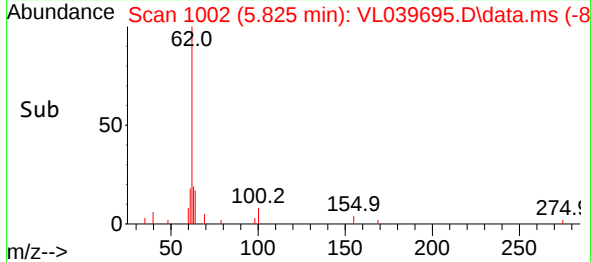
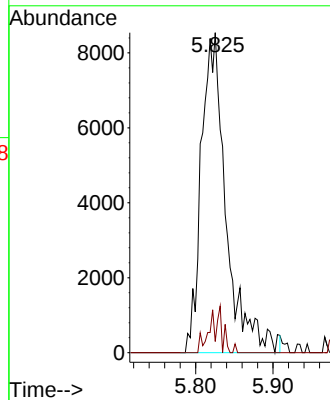
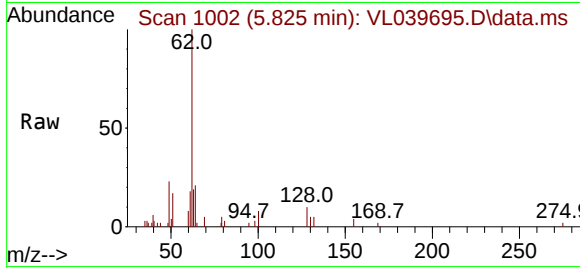




#37
1,2-Dichloroethane
Concen: 0.177 ppbv m
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

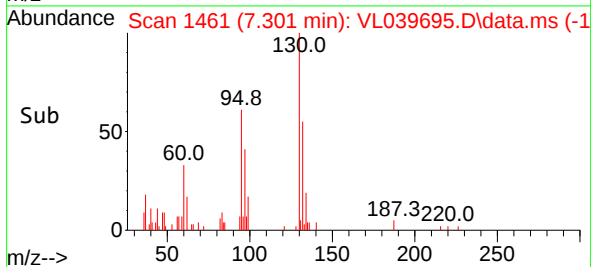
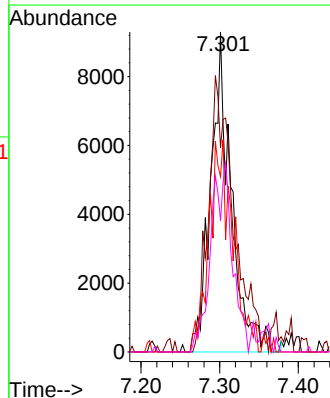
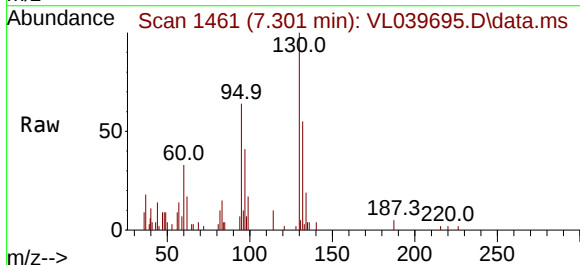
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

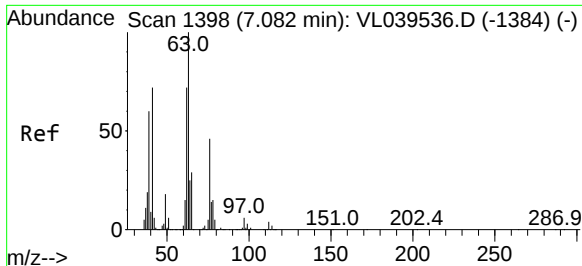
Tgt Ion: 62 Resp: 18999
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7#



#38
Trichloroethene
Concen: 0.159 ppbv m
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 130 Resp: 16884
Ion Ratio Lower Upper
130 100
95 63.9 87.3 130.9#
132 54.8 76.7 115.1#
97 41.0 56.5 84.7#





#39

1,2-Dichloropropane

Concen: 0.158 ppbv m

RT: 7.092 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

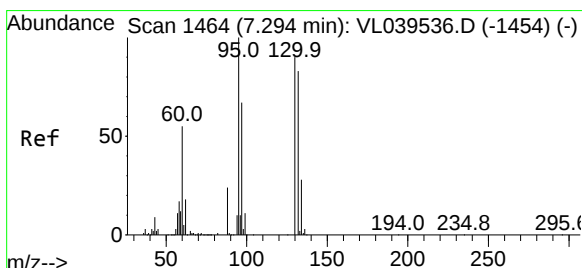
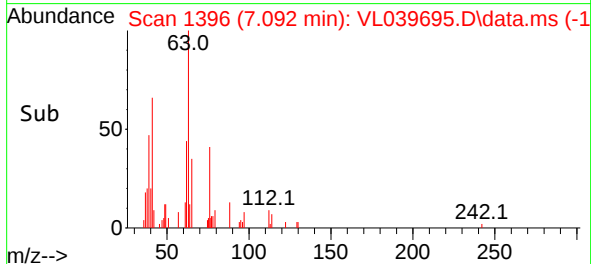
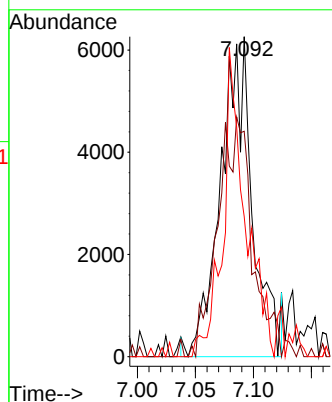
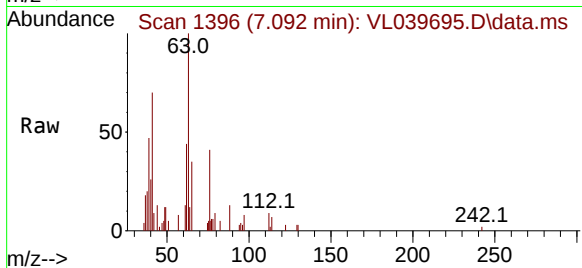
Tgt Ion: 63 Resp: 12000

Ion Ratio Lower Upper

63 100

41 70.4 59.6 89.4

62 43.8 51.4 77.0#



#40

1,4-Dioxane

Concen: 0.119 ppbv m

RT: 7.356 min Scan# 1478

Delta R.T. 0.062 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Tgt Ion: 88 Resp: 3682

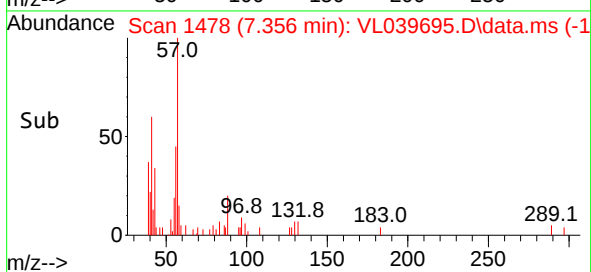
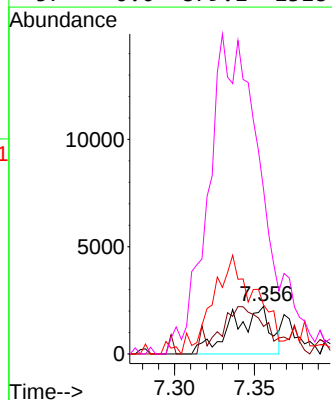
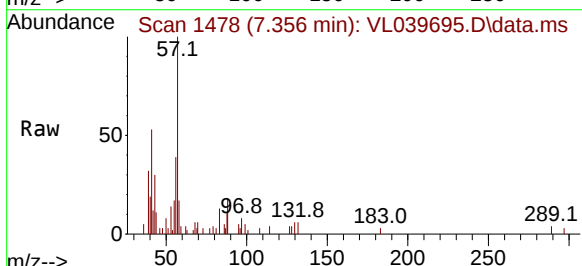
Ion Ratio Lower Upper

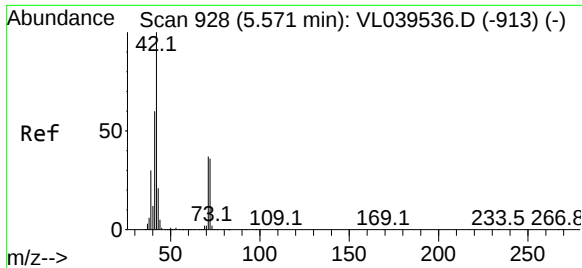
88 100

58 0.0 100.2 150.4#

43 0.0 205.8 308.6#

57 0.0 879.1 1318.7#

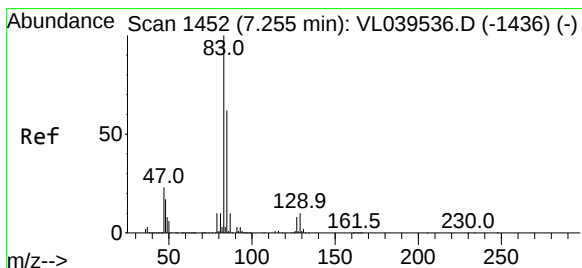
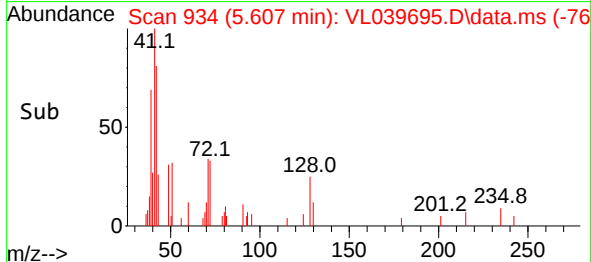
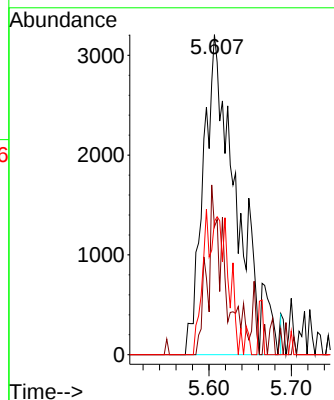
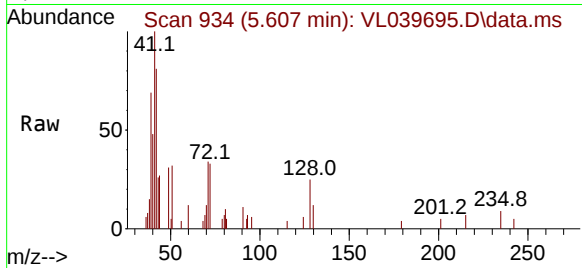




#41
Tetrahydrofuran
Concen: 0.116 ppbv m
RT: 5.607 min Scan# 91
Delta R.T. 0.036 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

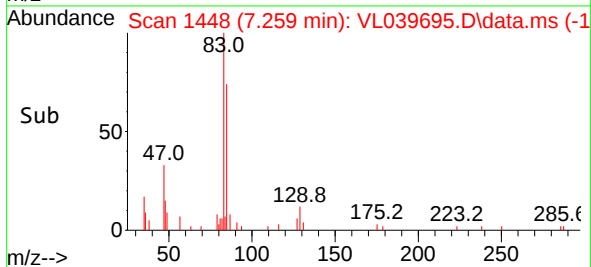
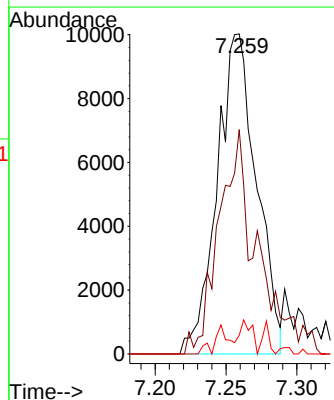
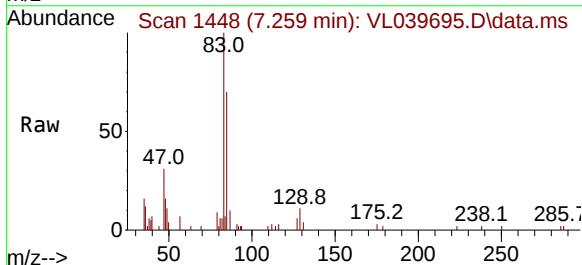
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

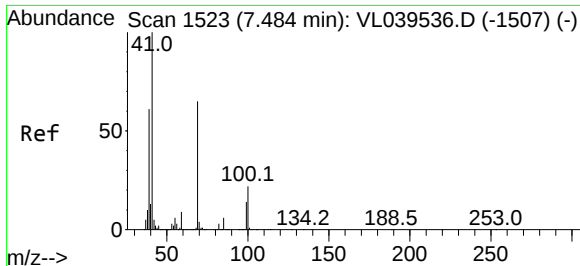
Tgt Ion: 42 Resp: 9030
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 0.0 31.8 47.8#



#42
Bromodichloromethane
Concen: 0.130 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 83 Resp: 19411
Ion Ratio Lower Upper
83 100
85 70.1 50.7 76.1
127 5.9 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.095 ppbv m

RT: 7.497 min Scan# 1

Delta R.T. 0.014 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

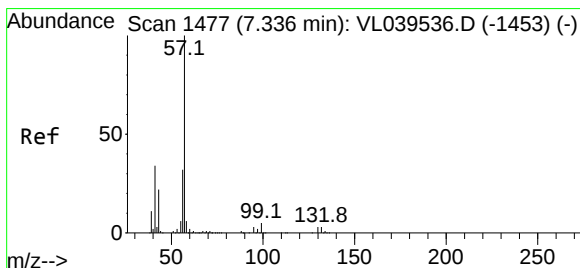
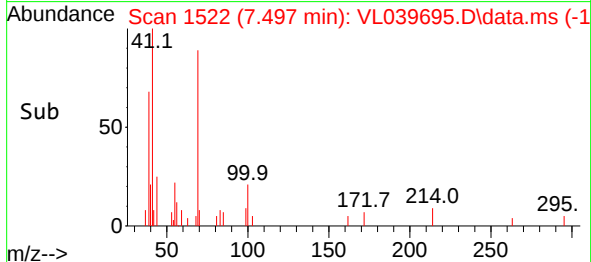
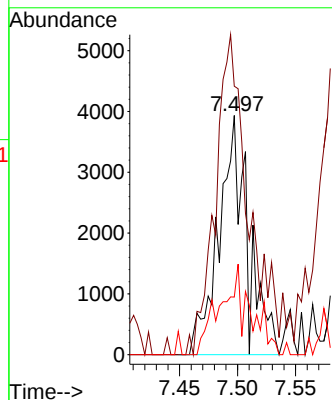
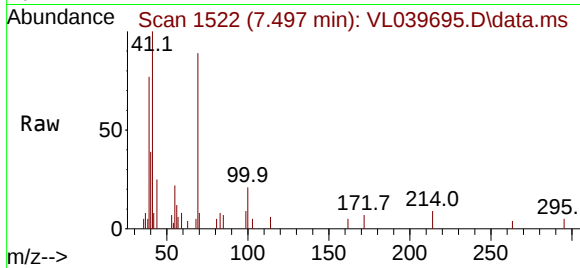
Tgt Ion: 69 Resp: 6808

Ion Ratio Lower Upper

69 100

41 159.2 120.8 181.2

100 39.5 27.8 41.6



#44

2,2,4-Trimethylpentane

Concen: 0.103 ppbv m

RT: 7.330 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

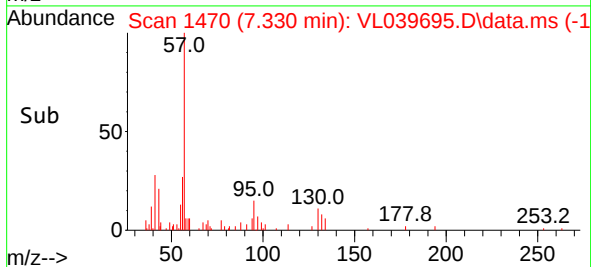
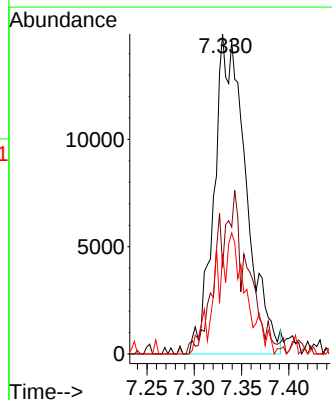
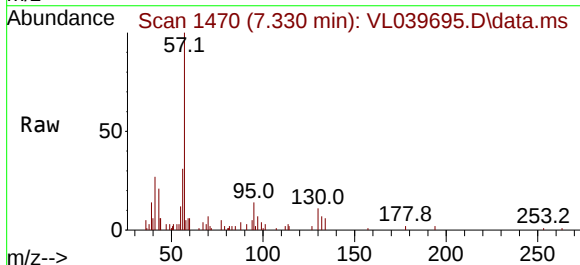
Tgt Ion: 57 Resp: 35055

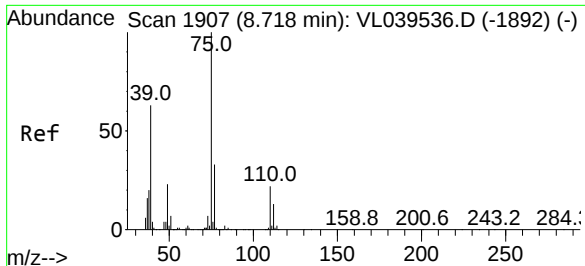
Ion Ratio Lower Upper

57 100

41 51.1 27.4 41.2#

56 37.3 24.5 36.7#





#45

t-1,3-Dichloropropene

Concen: 0.101 ppbv m

RT: 8.713 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

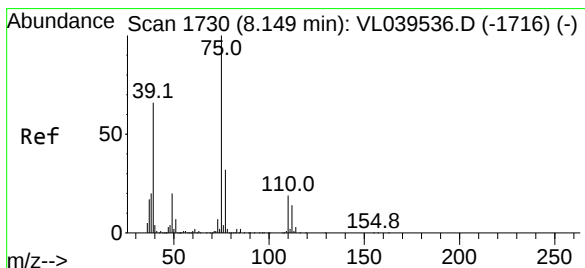
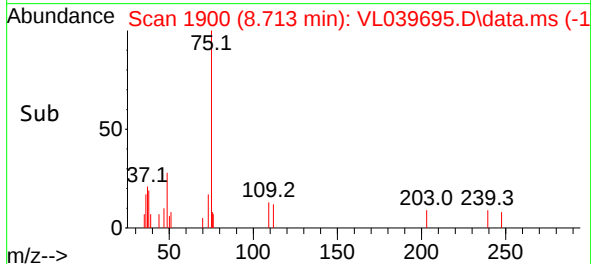
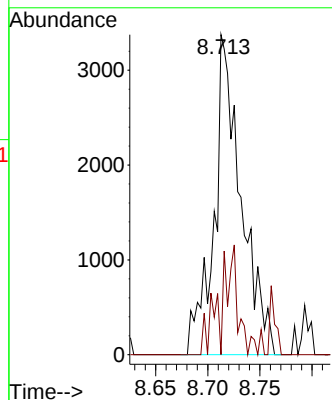
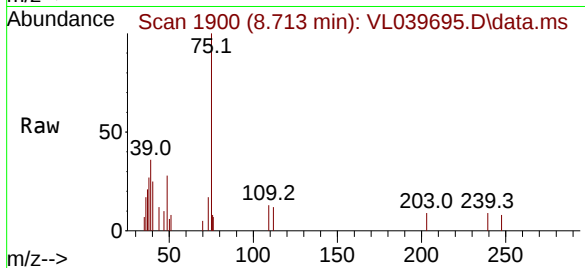
VSTDCCC010EC

Tgt Ion: 75 Resp: 6118

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#



#46

cis-1,3-Dichloropropene

Concen: 0.099 ppbv m

RT: 8.143 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

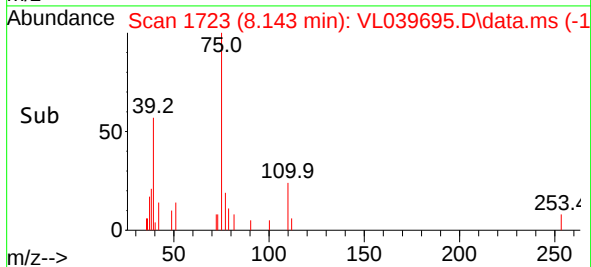
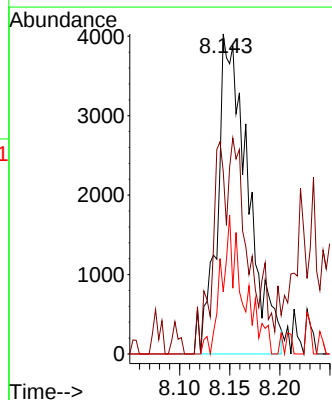
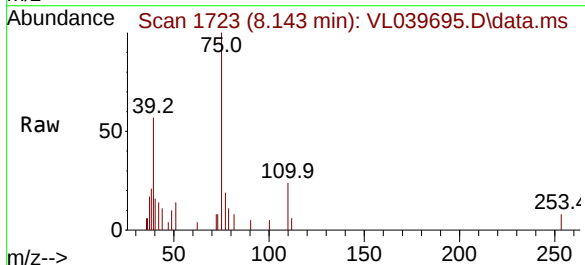
Tgt Ion: 75 Resp: 8580

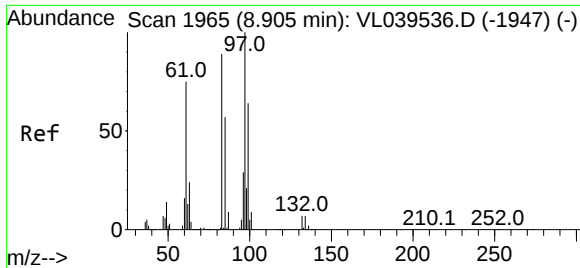
Ion Ratio Lower Upper

75 100

39 57.0 55.0 82.4

77 19.4 25.7 38.5#



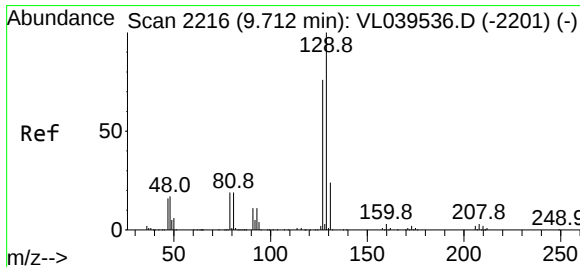
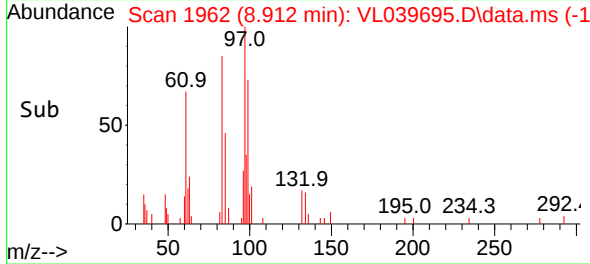
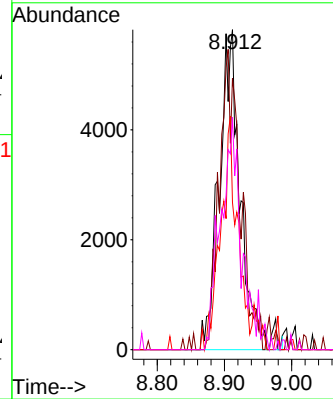
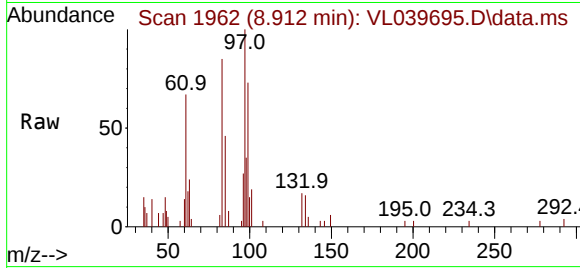


#47
1,1,2-Trichloroethane
Concen: 0.155 ppbv m
RT: 8.912 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 12846

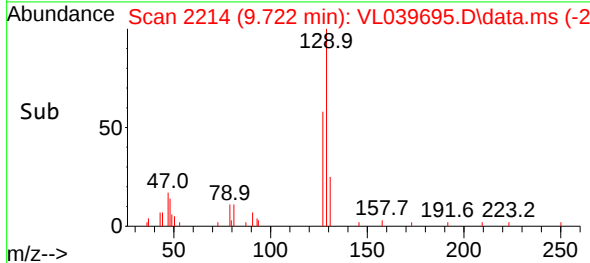
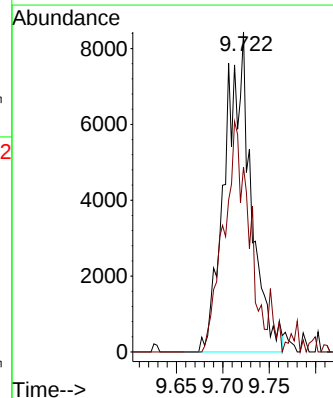
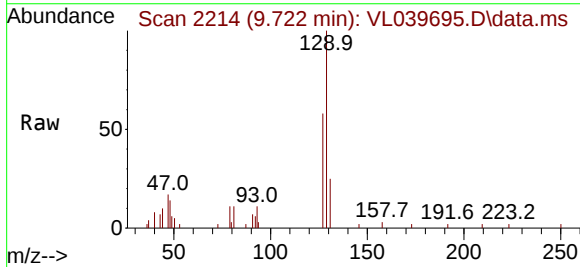
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.4	101.0
85	46.0	45.1	67.7
99	72.7	48.6	73.0

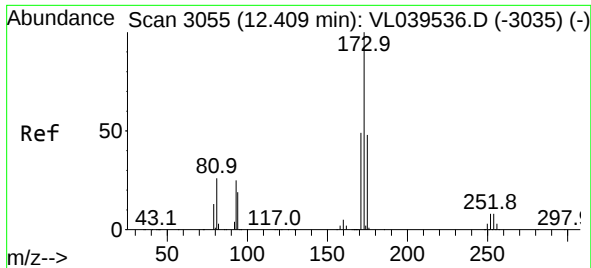


#48
Dibromochloromethane
Concen: 0.131 ppbv m
RT: 9.722 min Scan# 2214
Delta R.T. 0.010 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 129 Resp: 16412

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9





#49

Bromoform

Concen: 0.118 ppbv m

RT: 12.410 min Scan# 3055

Delta R.T. 0.001 min

Lab File: VL039695.D

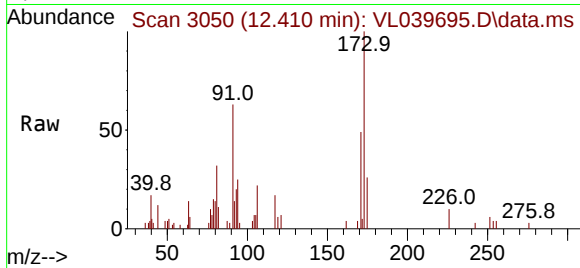
Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



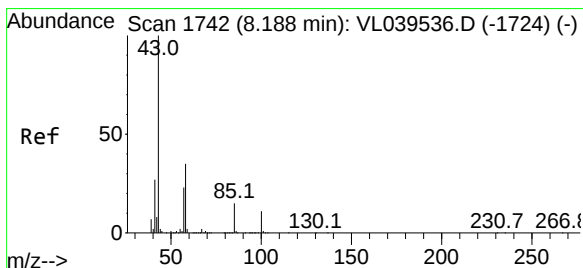
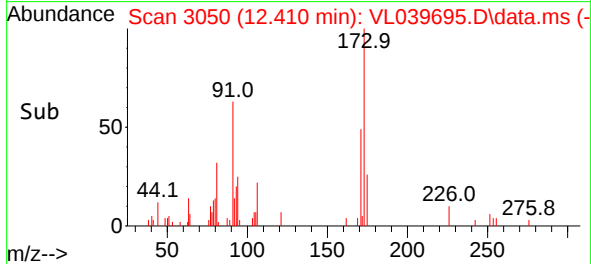
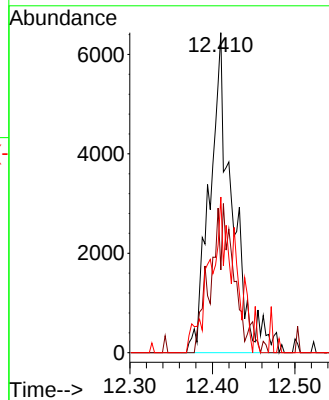
Tgt Ion:173 Resp: 12231

Ion Ratio Lower Upper

173 100

175 0.0 40.3 60.5#

171 0.0 42.9 64.3#



#50

4-Methyl-2-Pentanone

Concen: 0.094 ppbv m

RT: 8.221 min Scan# 1747

Delta R.T. 0.033 min

Lab File: VL039695.D

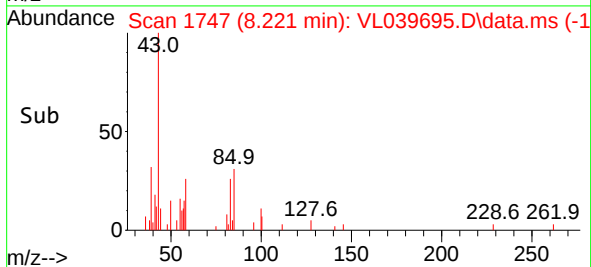
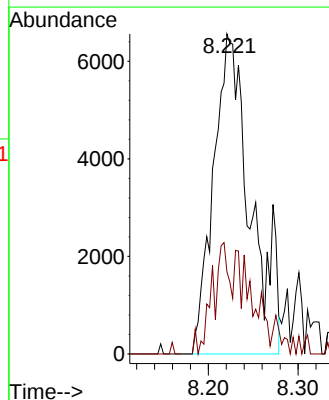
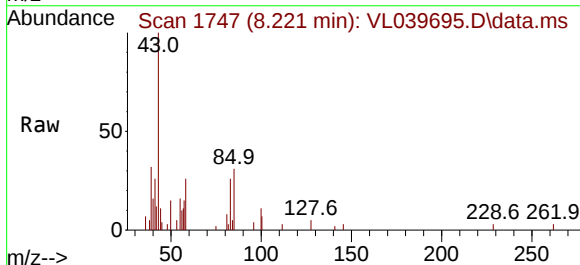
Acq: 5 Oct 2022 8:22

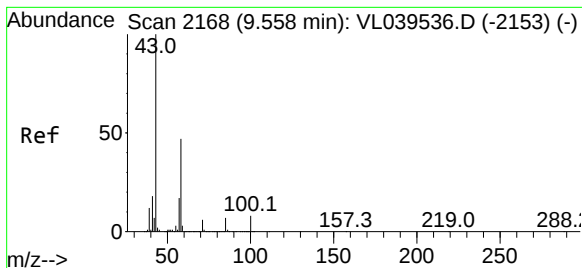
Tgt Ion: 43 Resp: 18752

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

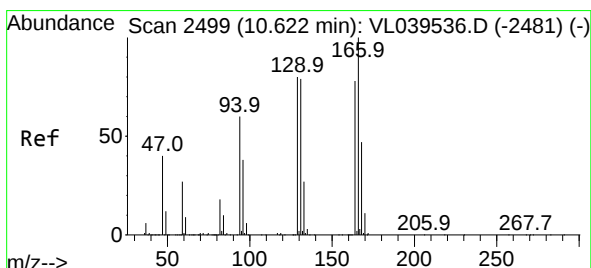
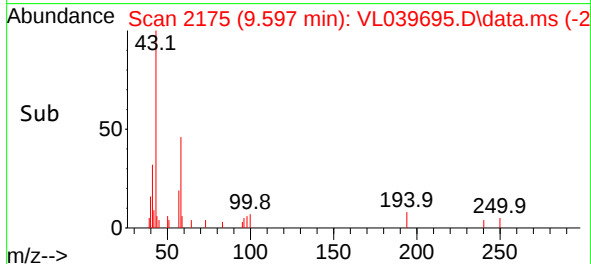
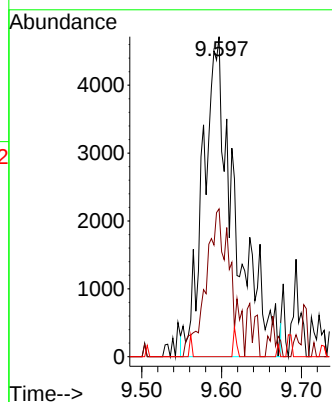
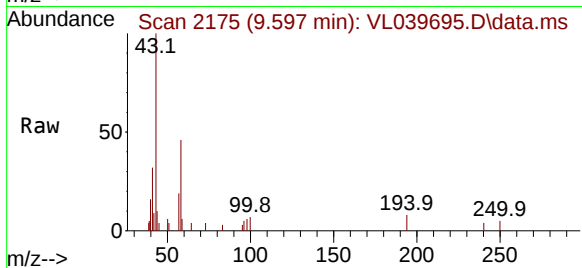




#51
2-Hexanone
Concen: 0.089 ppbv m
RT: 9.597 min Scan# 2168
Delta R.T. 0.039 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

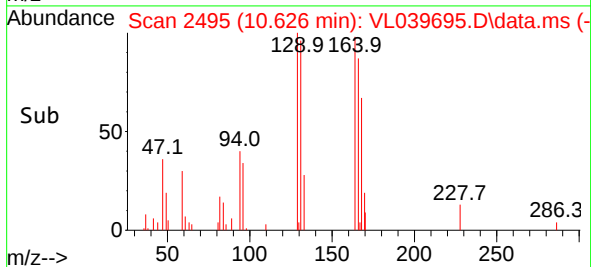
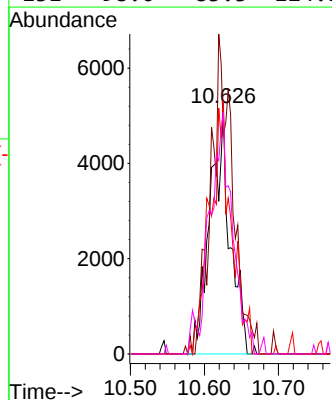
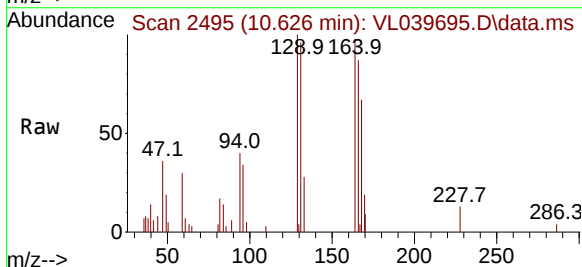
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

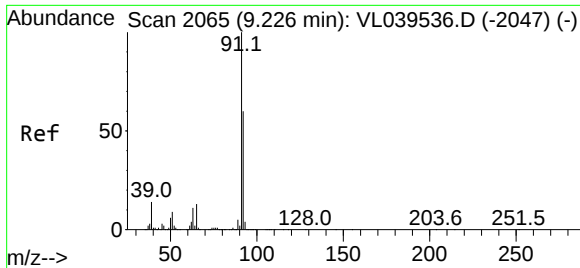
Tgt Ion: 43 Resp: 13126
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.129 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 164 Resp: 9697
Ion Ratio Lower Upper
164 100
166 89.1 102.2 153.2#
129 102.5 85.8 128.8
131 98.0 83.3 124.9





#53

Toluene

Concen: 0.085 ppbv m

RT: 9.221 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

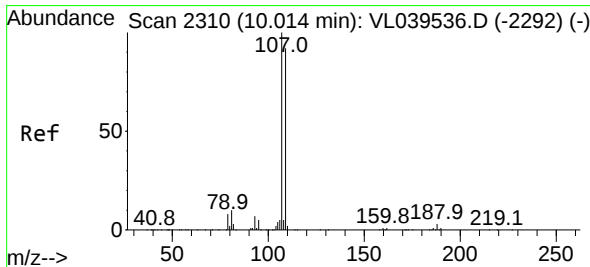
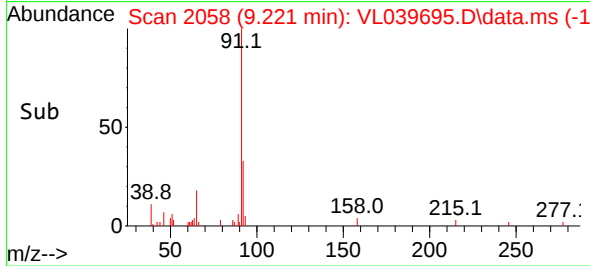
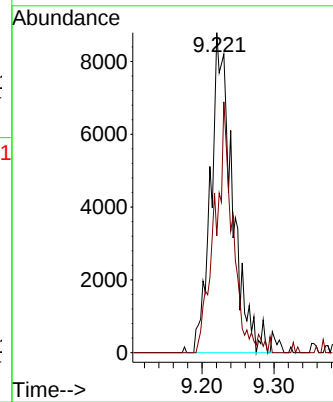
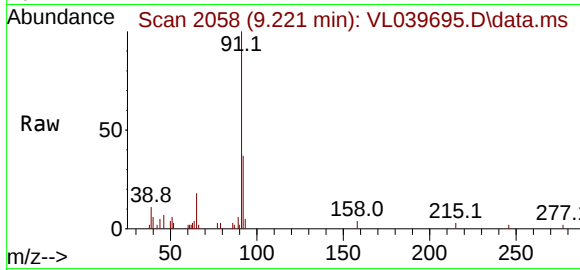
VSTDCCC010EC

Tgt Ion: 91 Resp: 18634

Ion Ratio Lower Upper

91 100

92 64.5 48.2 72.2



#54

1,2-Dibromoethane

Concen: 0.150 ppbv m

RT: 10.015 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VL039695.D

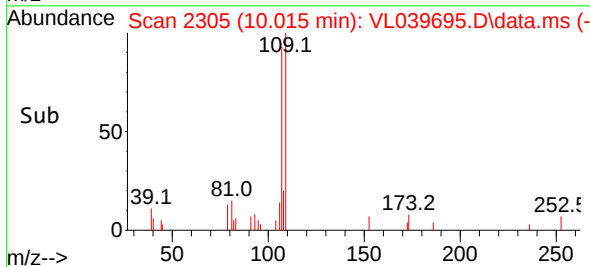
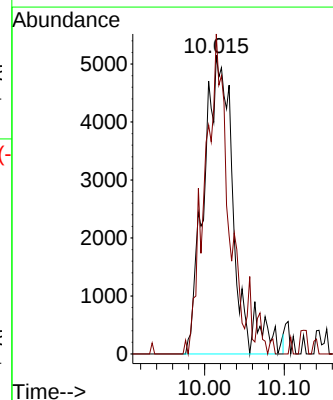
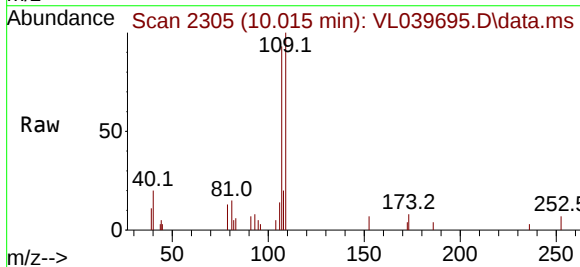
Acq: 5 Oct 2022 8:22

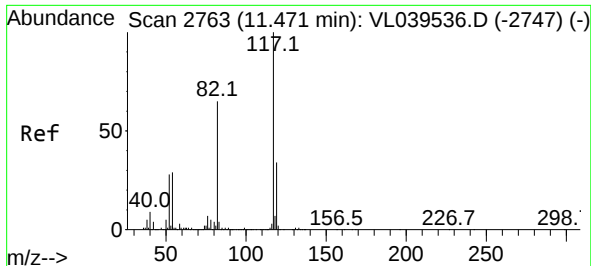
Tgt Ion: 107 Resp: 13328

Ion Ratio Lower Upper

107 100

109 107.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2763

Delta R.T. 0.001 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

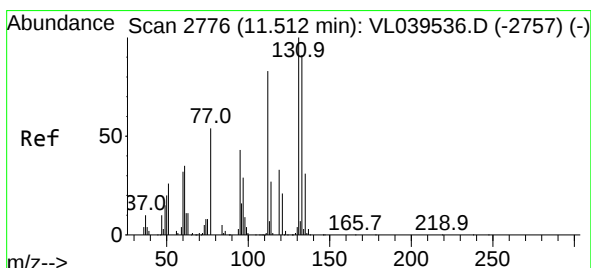
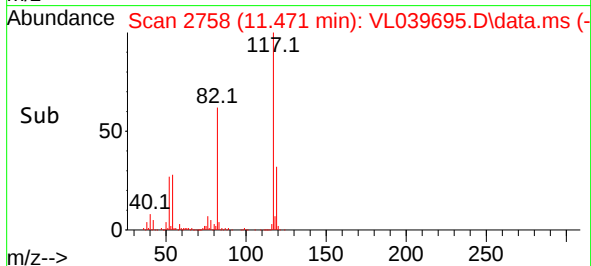
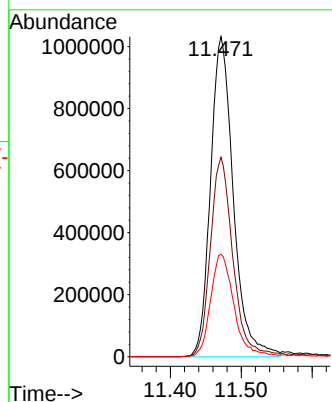
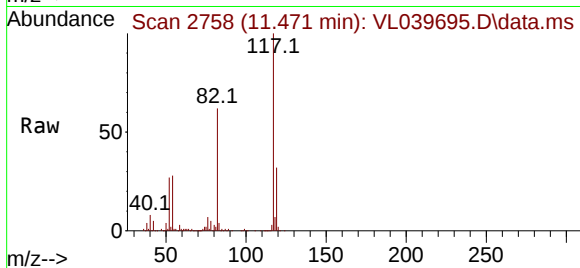
Tgt Ion:117 Resp: 2307731

Ion Ratio Lower Upper

117 100

82 62.7 50.8 76.2

119 32.8 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.065 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. 0.001 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

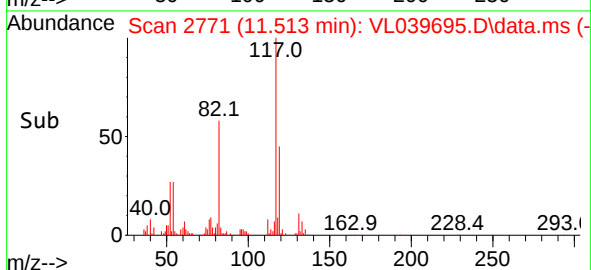
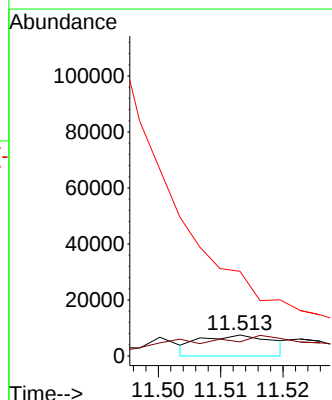
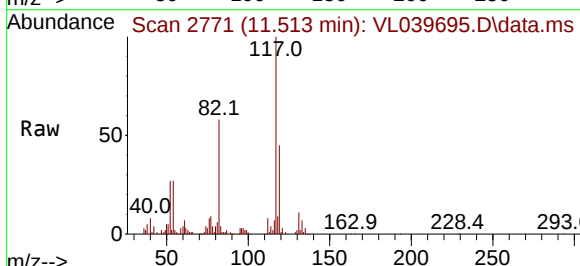
Tgt Ion:131 Resp: 6075

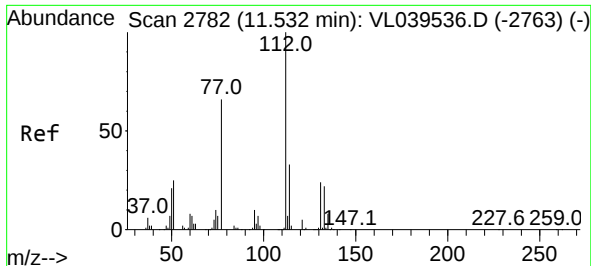
Ion Ratio Lower Upper

131 100

133 246.4 76.8 115.2#

119 0.0 46.2 69.4#

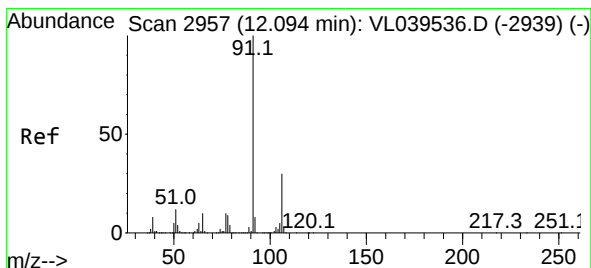
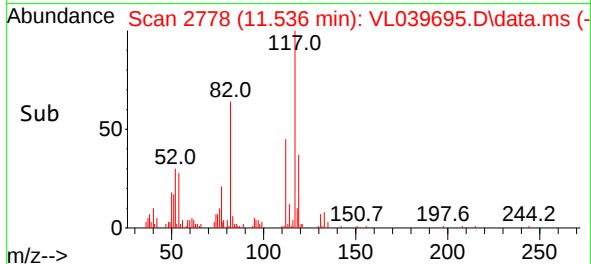
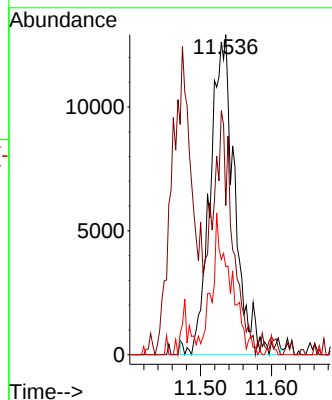
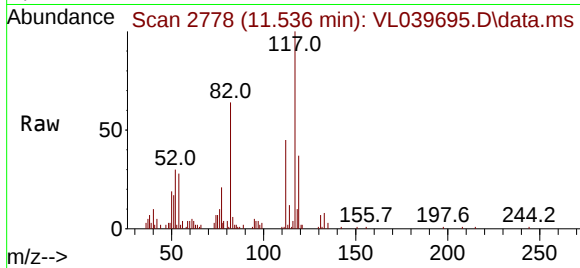




#57
Chlorobenzene
Concen: 0.183 ppbv m
RT: 11.536 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

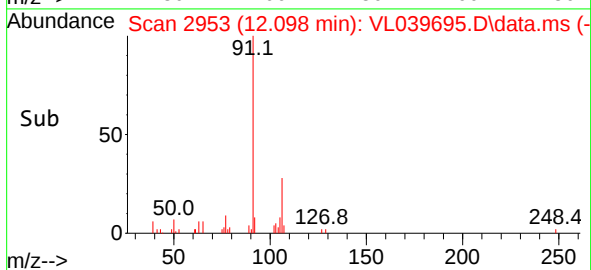
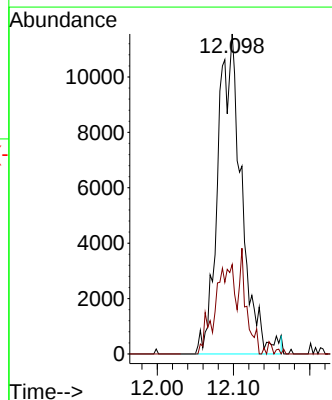
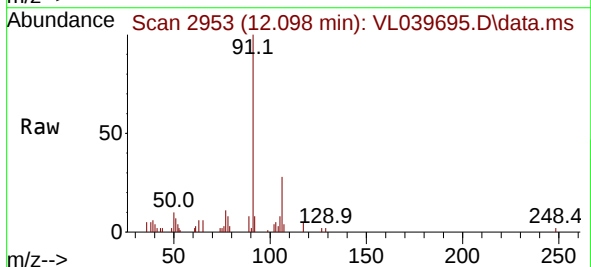
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

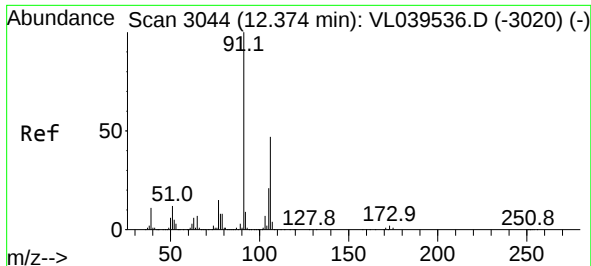
Tgt Ion:112 Resp: 31102
Ion Ratio Lower Upper
112 100
77 46.6 51.0 76.4#
114 27.5 27.5 33.6



#58
Ethyl Benzene
Concen: 0.094 ppbv m
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 91 Resp: 24953
Ion Ratio Lower Upper
91 100
106 27.9 25.4 38.0





#59

m/p-Xylene

Concen: 0.171 ppbv m

RT: 12.378 min Scan# 3044

Delta R.T. 0.004 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

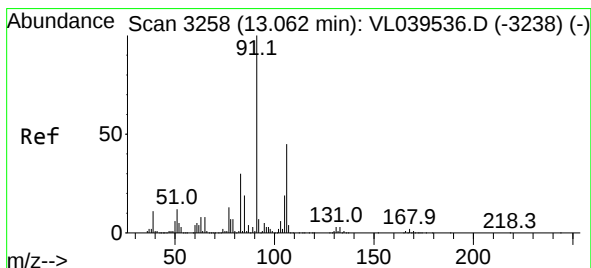
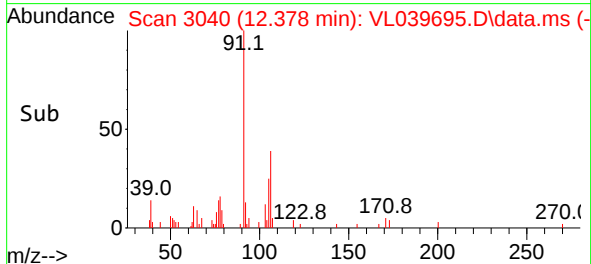
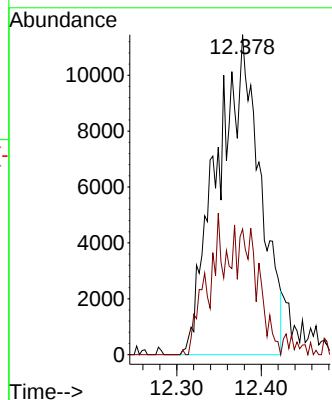
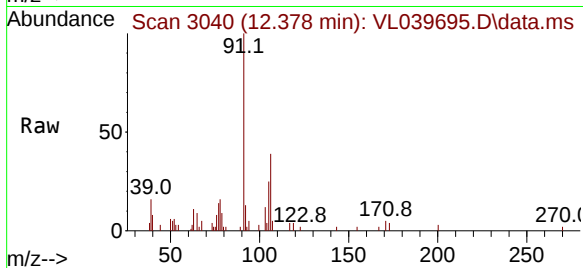
VSTDCCC010EC

Tgt Ion: 91 Resp: 40429

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.097 ppbv m

RT: 13.073 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039695.D

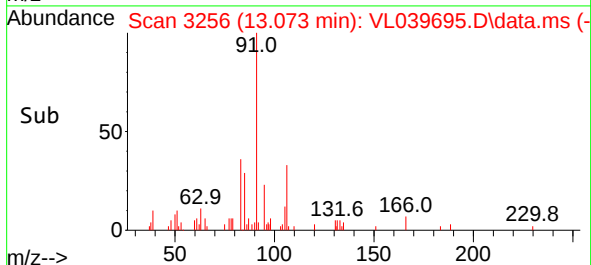
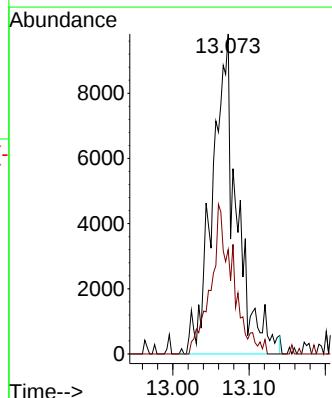
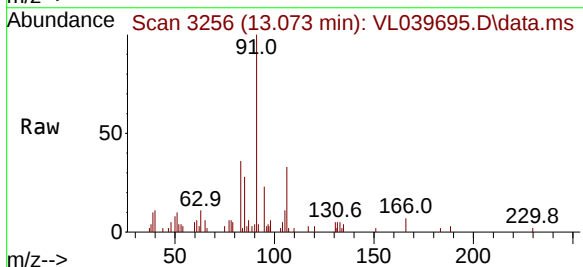
Acq: 5 Oct 2022 8:22

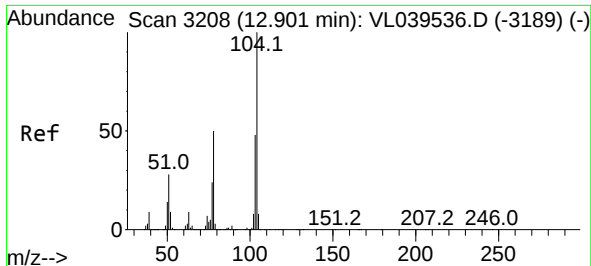
Tgt Ion: 91 Resp: 21917

Ion Ratio Lower Upper

91 100

106 42.4 22.4 67.3

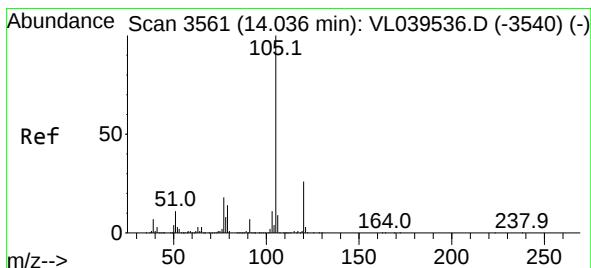
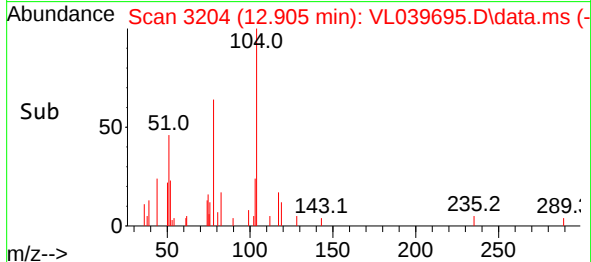
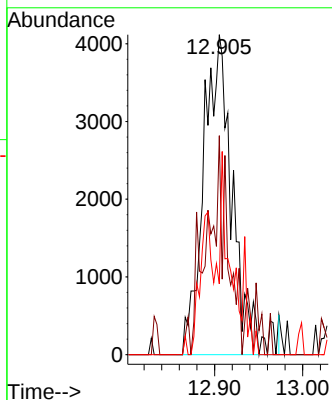
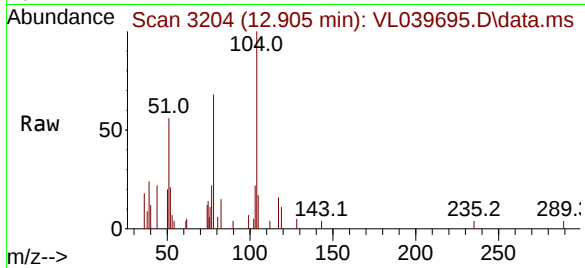




#61
Styrene
Concen: 0.078 ppbv m
RT: 12.905 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

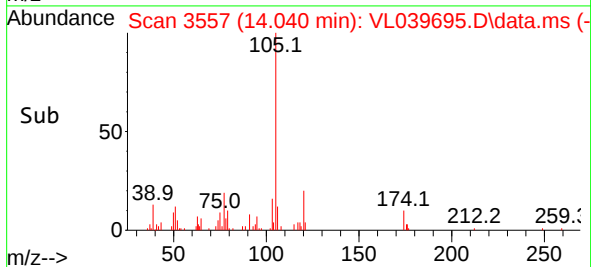
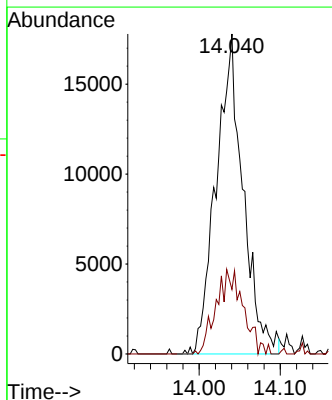
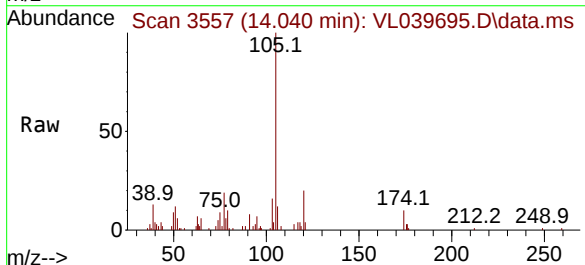
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

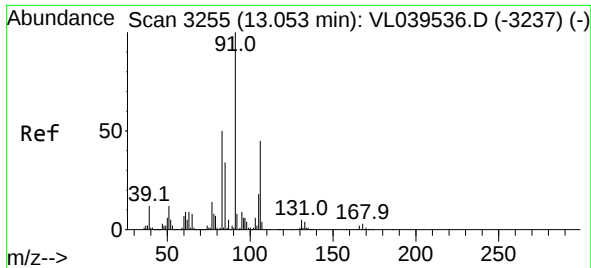
Tgt Ion:104 Resp: 9485
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 0.0 38.7 58.1#



#62
Isopropylbenzene
Concen: 0.121 ppbv m
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion:105 Resp: 41007
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1

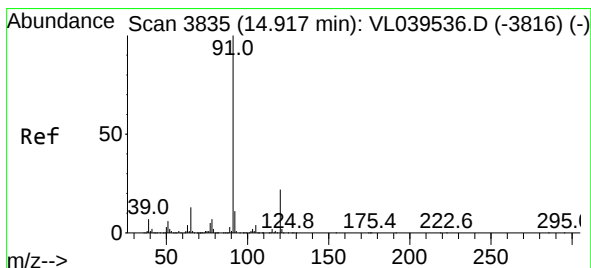
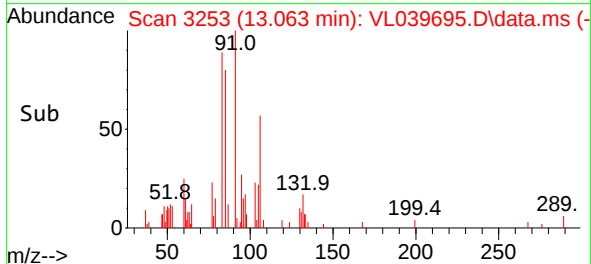
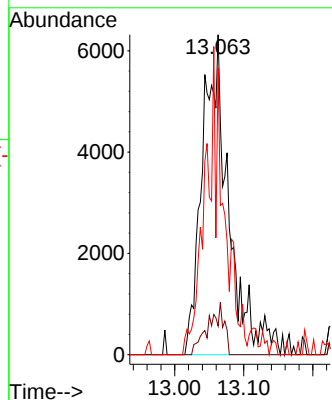
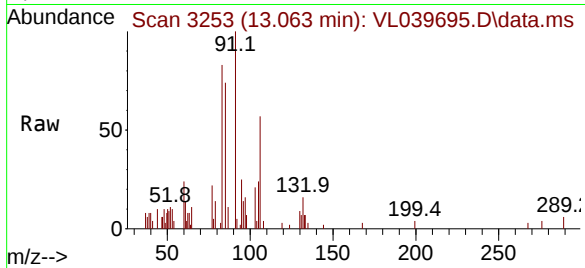




#63
1,1,2,2-Tetrachloroethane
Concen: 0.187 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

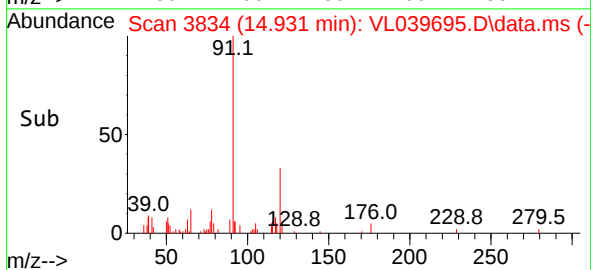
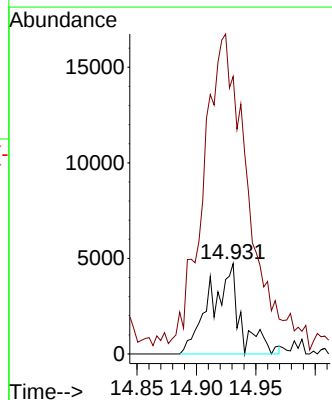
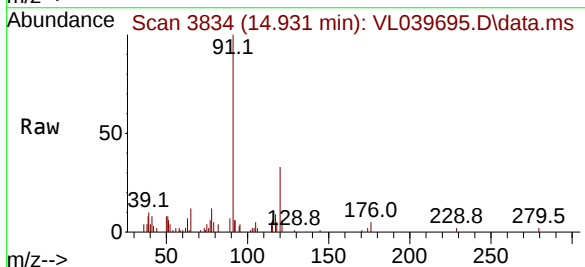
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

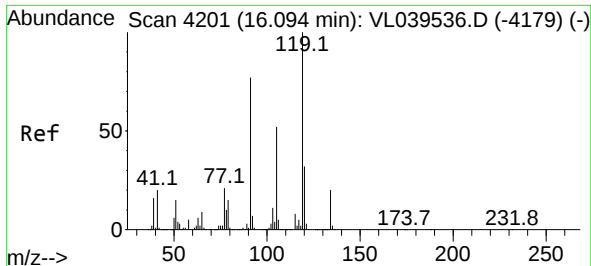
Tgt Ion: 83 Resp: 16830
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 71.7 33.1 99.5



#64
n-propylbenzene
Concen: 0.097 ppbv m
RT: 14.931 min Scan# 3834
Delta R.T. 0.014 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 120 Resp: 8409
Ion Ratio Lower Upper
120 100
91 574.6 367.2 550.8#

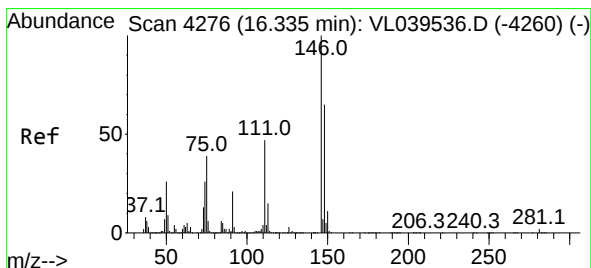
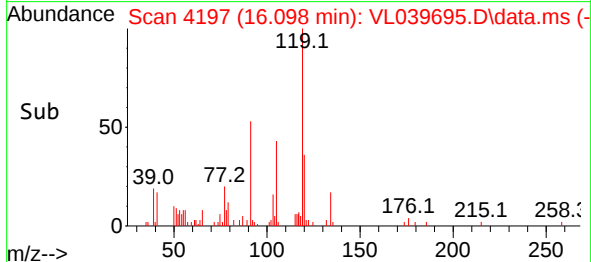
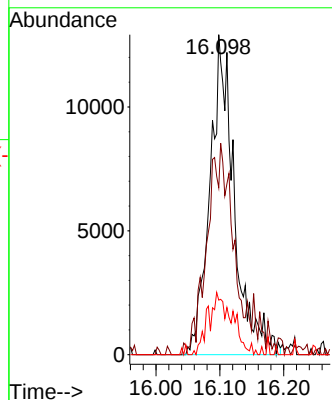
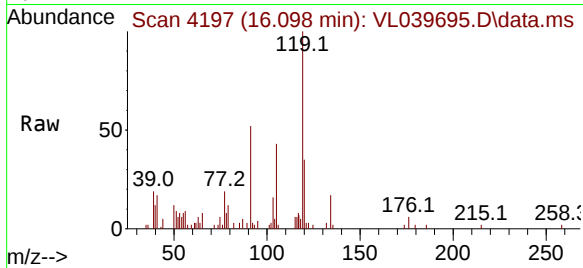




#65
tert-Butylbenzene
Concen: 0.113 ppbv m
RT: 16.098 min Scan# 4179
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

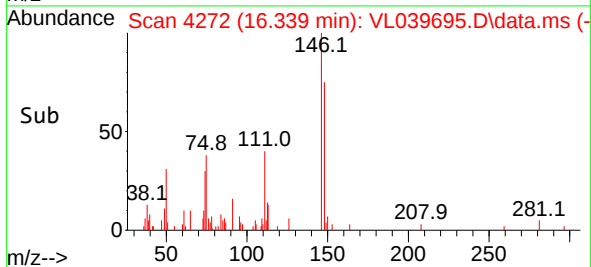
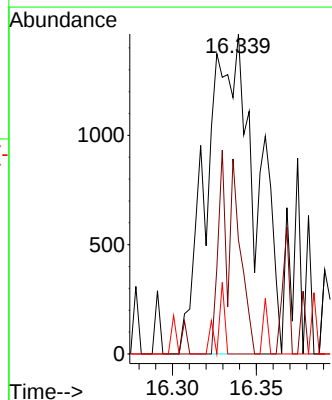
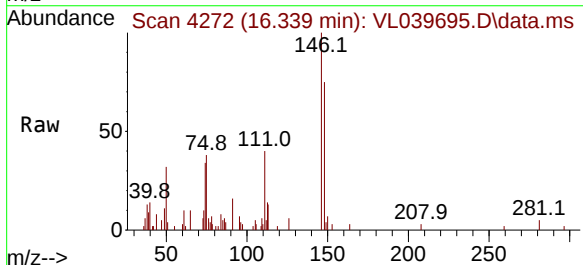
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

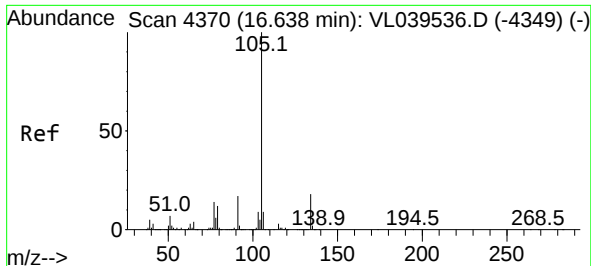
Tgt Ion:119 Resp: 34086
Ion Ratio Lower Upper
119 100
91 79.5 63.4 95.2
134 19.2 15.9 23.9



#66
Benzyl Chloride
Concen: 0.124 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 91 Resp: 2973
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#

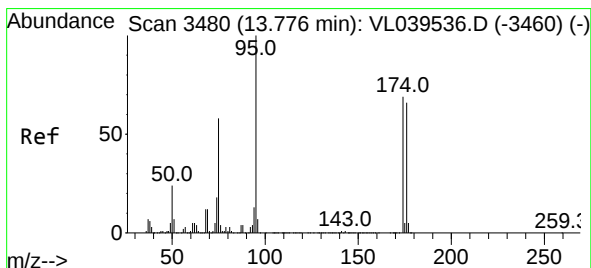
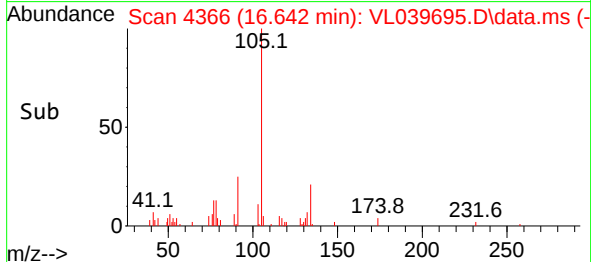
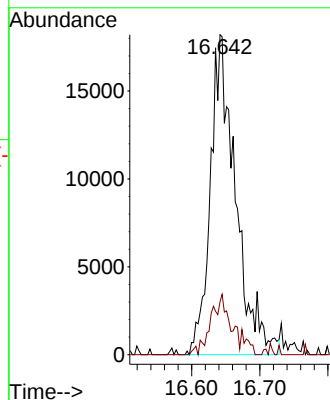
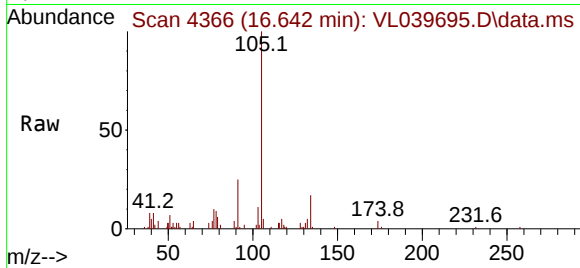




#67
 sec-Butylbenzene
 Concen: 0.111 ppbv m
 RT: 16.642 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

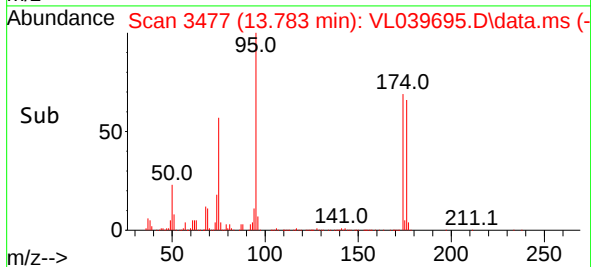
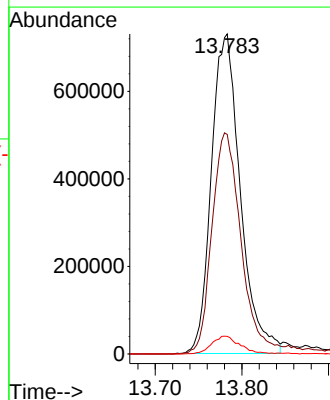
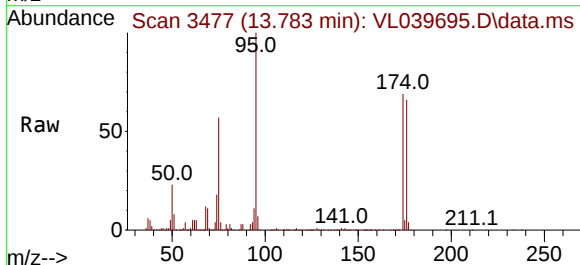
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

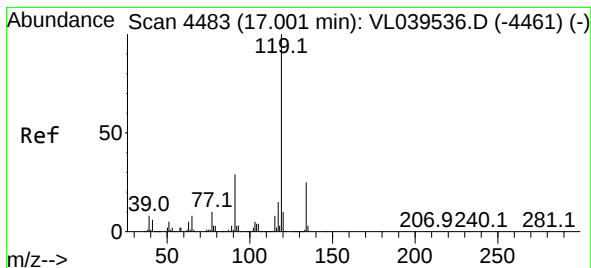
Tgt Ion:105 Resp: 46853
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.8 22.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.843 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039695.D
 Acq: 5 Oct 2022 8:22

Tgt Ion: 95 Resp: 1695702
 Ion Ratio Lower Upper
 95 100
 174 72.8 55.9 83.9
 175 5.6 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.095 ppbv m

RT: 17.008 min Scan# 4483

Delta R.T. 0.007 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

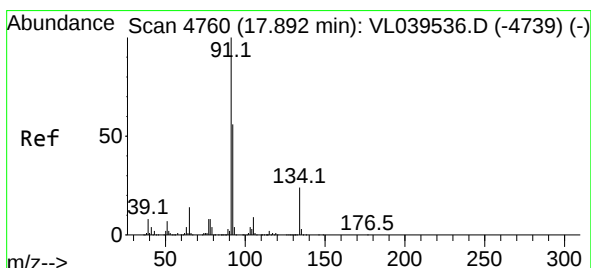
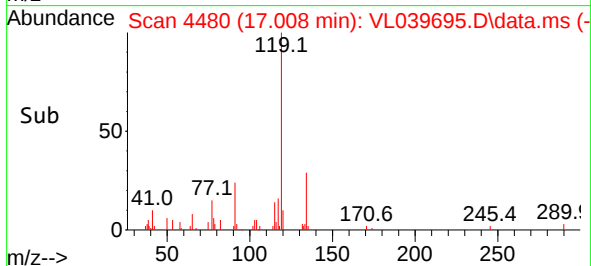
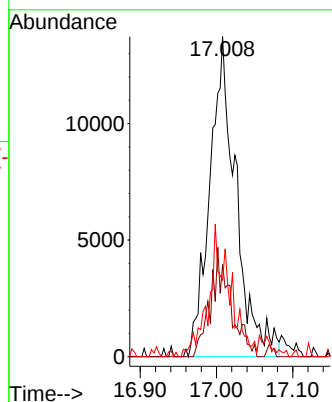
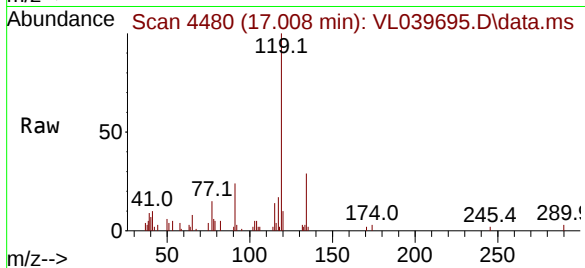
Tgt Ion:119 Resp: 32901

Ion Ratio Lower Upper

119 100

134 26.0 20.3 30.5

91 33.5 22.9 34.3



#70

n-Butylbenzene

Concen: 0.109 ppbv m

RT: 17.895 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

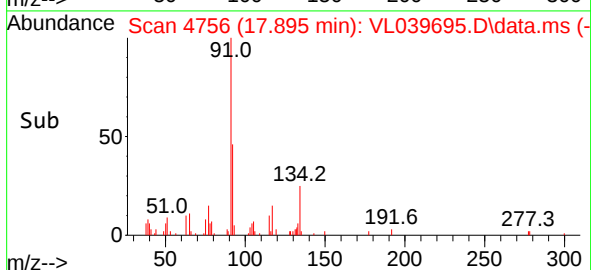
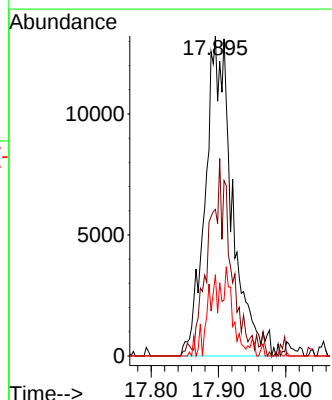
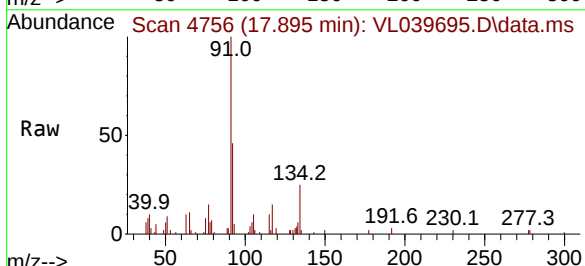
Tgt Ion: 91 Resp: 36980

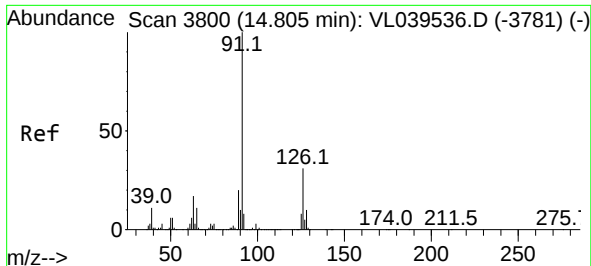
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.2#

134 0.0 18.9 28.3#

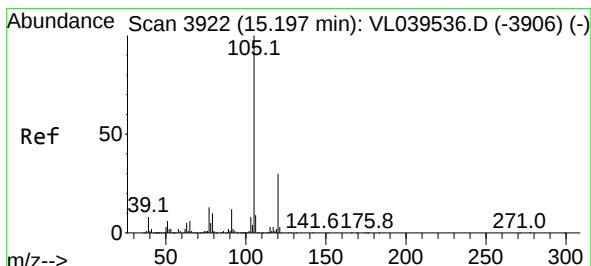
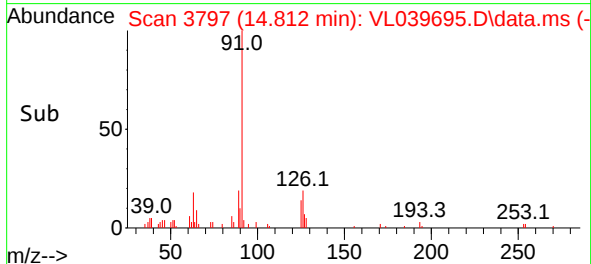
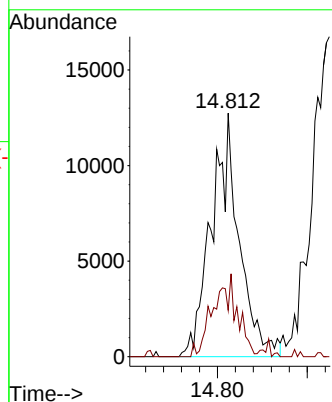
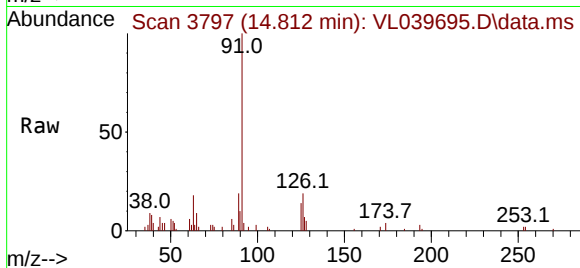




#71
2-Chlorotoluene
Concen: 0.112 ppbv m
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

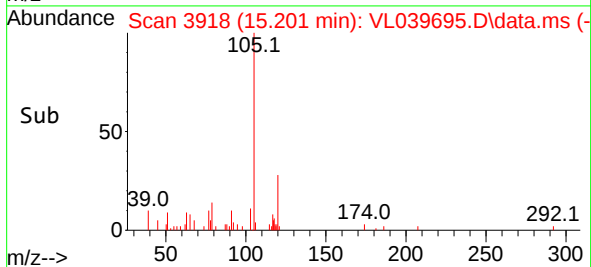
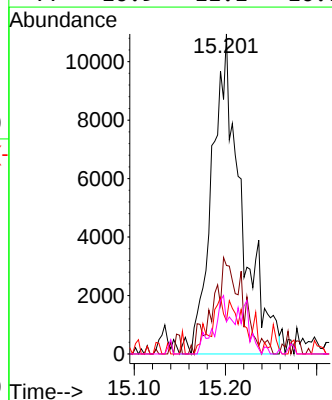
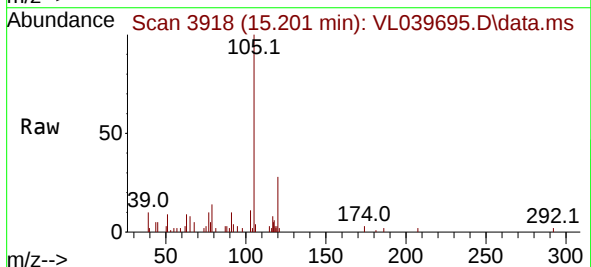
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

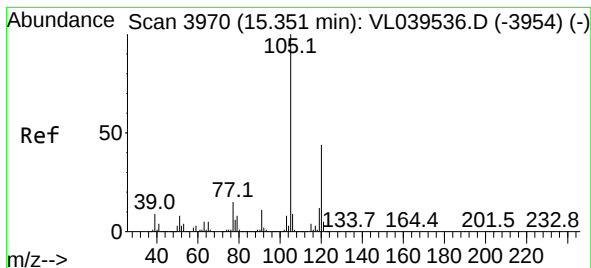
Tgt Ion: 91 Resp: 27407
Ion Ratio Lower Upper
91 100
126 0.9 13.0 51.8#



#72
4-Ethyltoluene
Concen: 0.094 ppbv m
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion: 105 Resp: 24279
Ion Ratio Lower Upper
105 100
120 31.5 24.2 36.2
91 20.6 10.2 15.4#
77 16.9 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.098 ppbv m

RT: 15.362 min Scan# 3970

Delta R.T. 0.010 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_1

ClientSampleId :

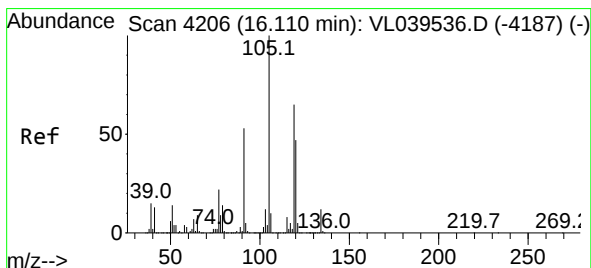
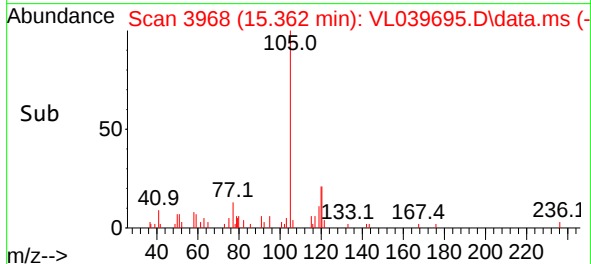
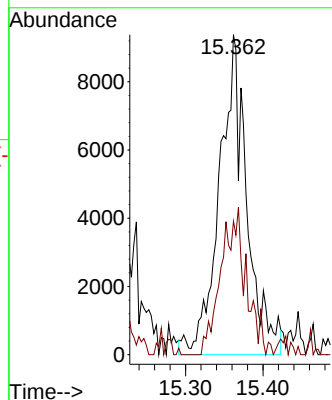
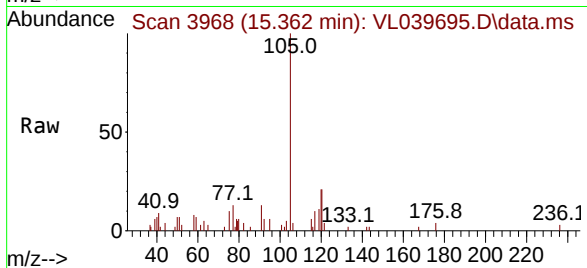
VSTDCCC010EC

Tgt Ion:105 Resp: 23121

Ion Ratio Lower Upper

105 100

120 21.3 38.2 57.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.109 ppbv m

RT: 16.117 min Scan# 4203

Delta R.T. 0.007 min

Lab File: VL039695.D

Acq: 5 Oct 2022 8:22

Tgt Ion:105 Resp: 28759

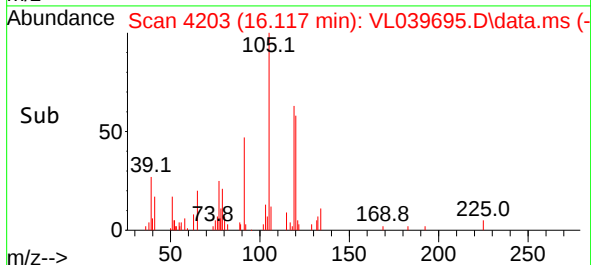
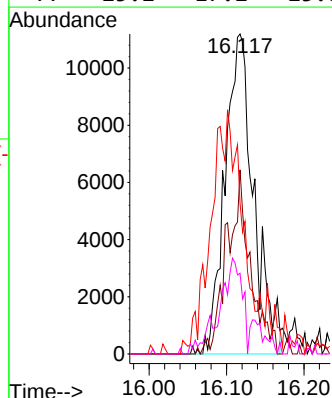
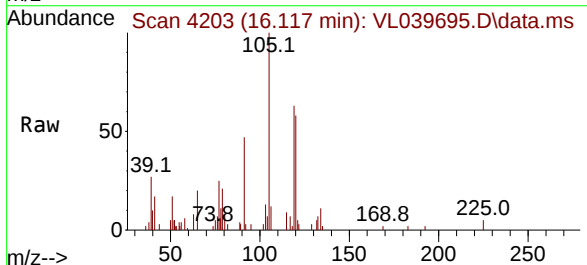
Ion Ratio Lower Upper

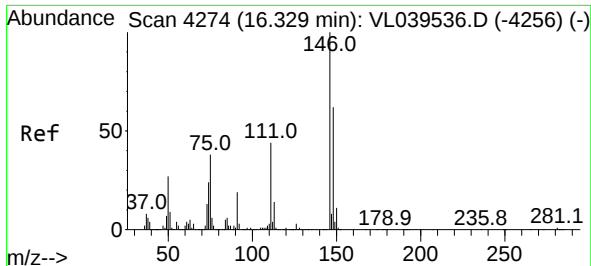
105 100

120 57.6 39.5 59.3

91 47.2 39.2 58.8

77 25.2 17.2 25.8

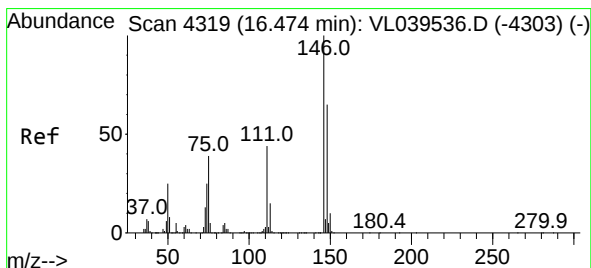
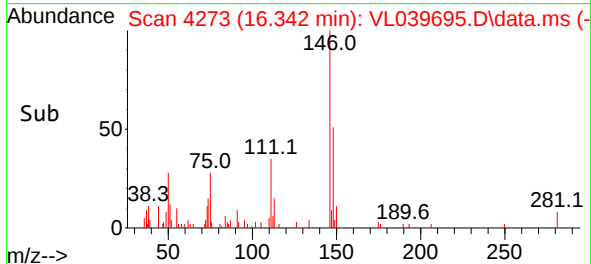
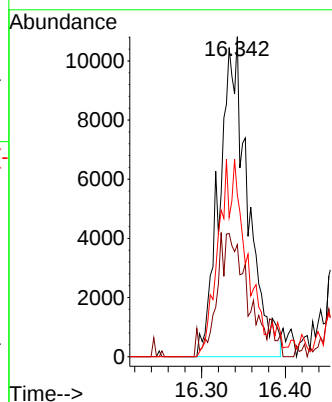
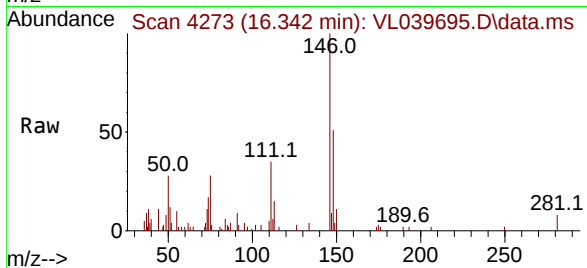




#75
1,3-Dichlorobenzene
Concen: 0.160 ppbv m
RT: 16.342 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

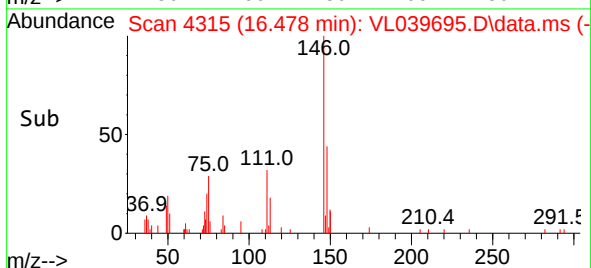
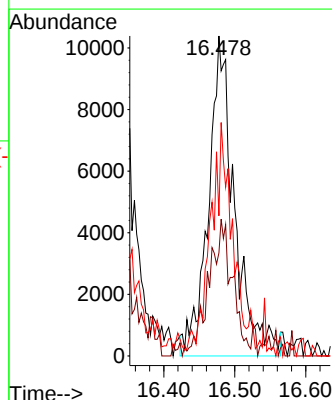
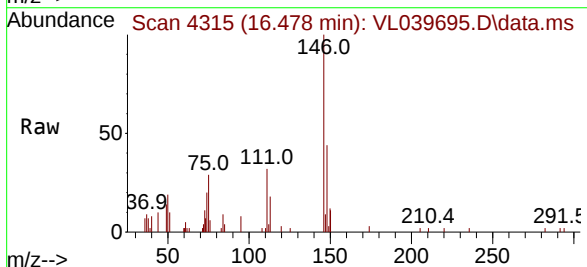
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

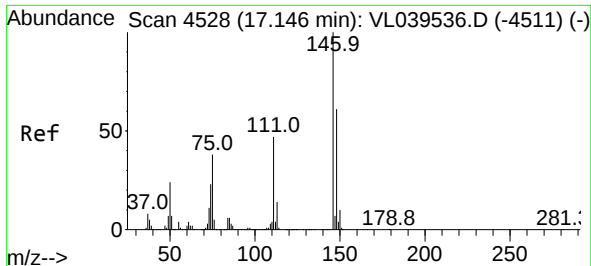
Tgt Ion:146 Resp: 25355
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.7#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.168 ppbv m
RT: 16.478 min Scan# 4315
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion:146 Resp: 26590
Ion Ratio Lower Upper
146 100
111 44.3 22.9 68.8
148 64.8 33.6 100.8

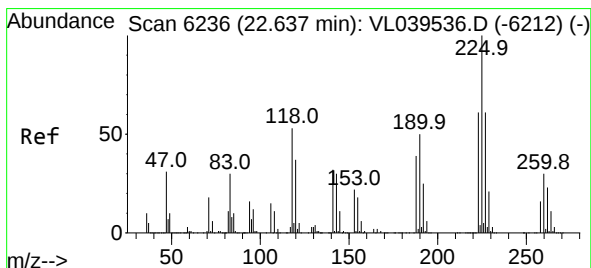
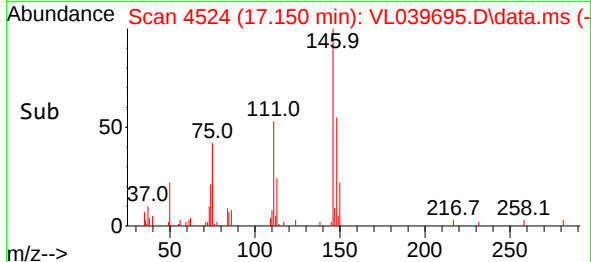
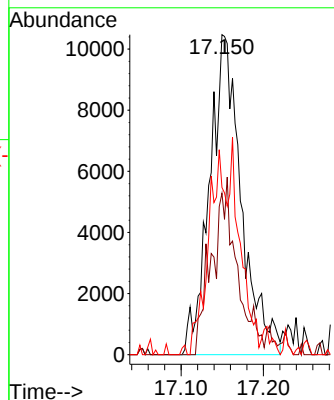
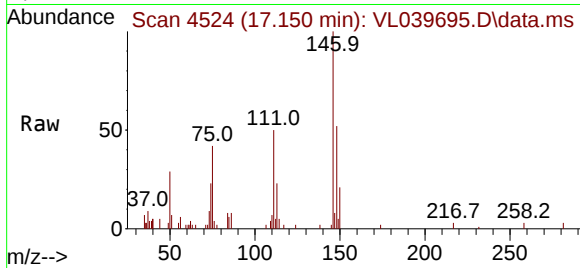




#77
1,2-Dichlorobenzene
Concen: 0.182 ppbv m
RT: 17.150 min Scan# 411
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

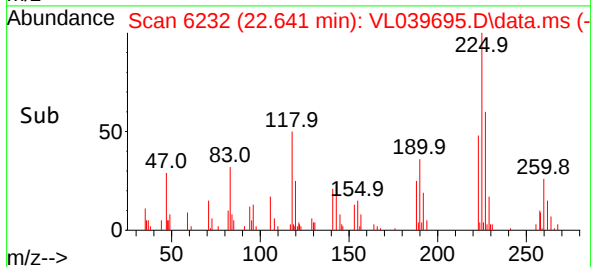
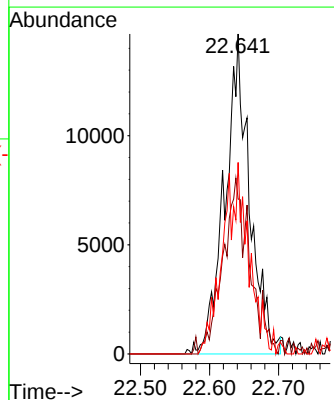
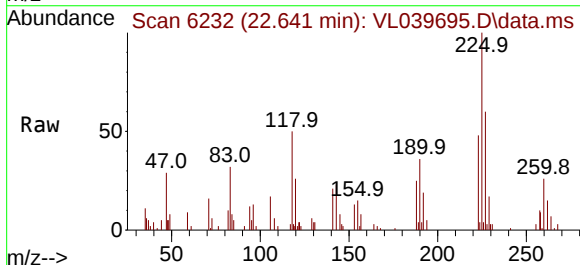
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

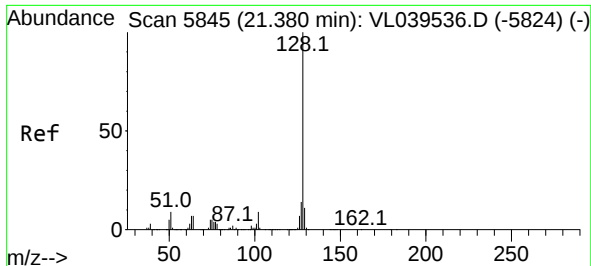
Tgt Ion:146 Resp: 28043
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5#
148 0.0 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 0.311 ppbv m
RT: 22.641 min Scan# 6232
Delta R.T. 0.004 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion:225 Resp: 36611
Ion Ratio Lower Upper
225 100
223 60.4 51.8 77.6
227 62.8 51.4 77.2

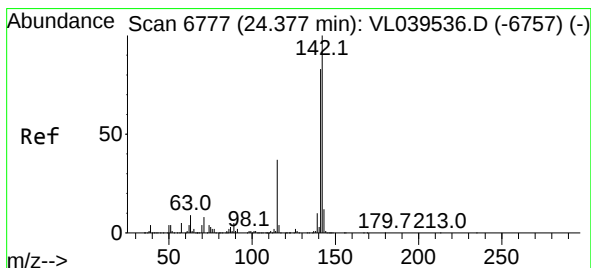
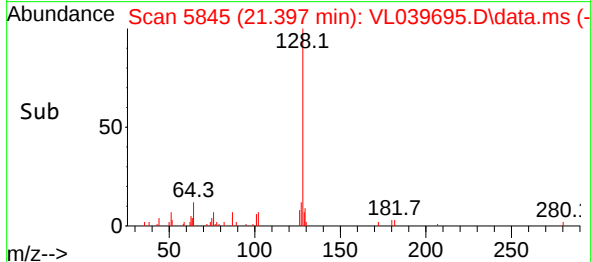
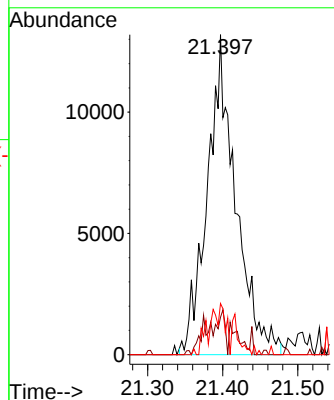
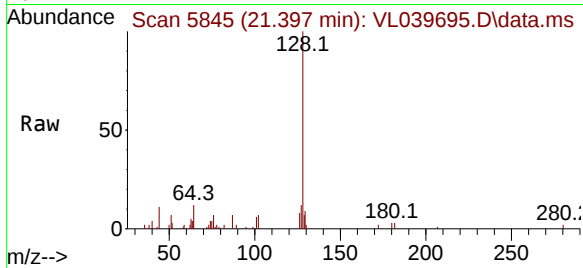




#79
Naphthalene
Concen: 0.198 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

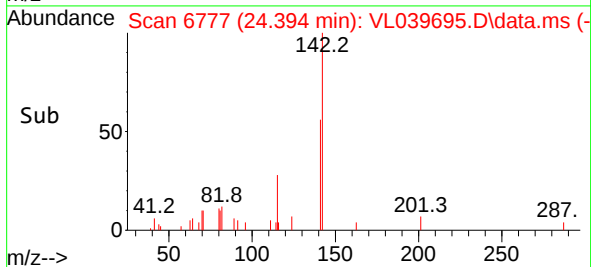
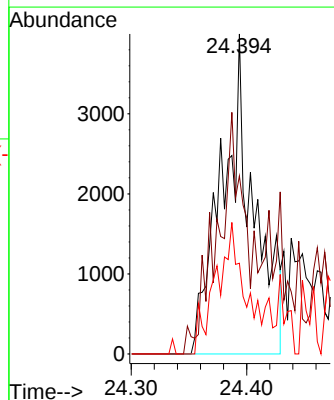
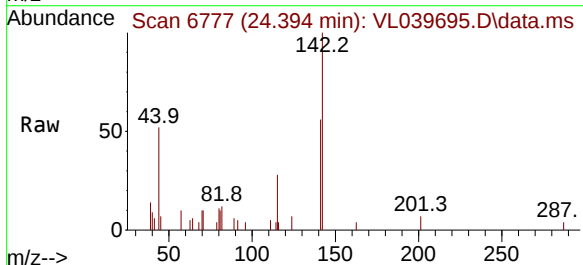
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

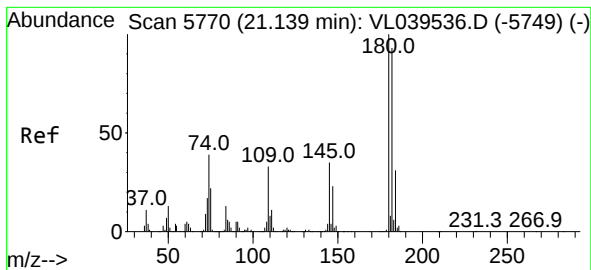
Tgt Ion:128 Resp: 34528
Ion Ratio Lower Upper
128 100
127 11.7 10.6 15.8
129 8.6 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.116 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.017 min
Lab File: VL039695.D
Acq: 5 Oct 2022 8:22

Tgt Ion:142 Resp: 7611
Ion Ratio Lower Upper
142 100
141 67.1 68.9 103.3#
115 36.0 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.212 ppbv m

RT: 21.146 min Scan# 5

Delta R.T. 0.007 min

Lab File: VL039695.D

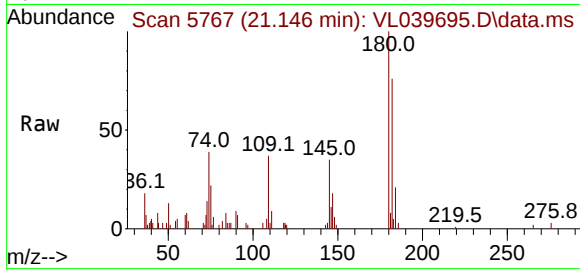
Acq: 5 Oct 2022 8:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 24290

Ion Ratio Lower Upper

180 100

182 0.0 77.1 115.7#

184 0.0 24.3 36.5#

