

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040432.D
 Acq On : 16 May 2023 10:15
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: May 17 07:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1088732	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.655	114	2788819	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	2637741	10.000	ppbv	#-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2065540	9.739	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	407644	1.906	ppbv	96
3) Chlorodifluoromethane	2.665	51	310830	2.210	ppbv	97
4) Chloromethane	2.803	50	189636	2.171	ppbv	94
5) Vinyl Chloride	2.912	62	162174	2.092	ppbv	97
6) Bromomethane	3.111	94	50692	2.151	ppbv	99
7) Chloroethane	3.192	64	60453	2.207	ppbv	95
8) Dichlorotetrafluoroethane	2.848	85	408598	2.126	ppbv	98
9) Propene	2.687	41	116022	2.121	ppbv	95
10) Heptane	7.581	43	279242	2.209	ppbv	99
11) Trichlorofluoromethane	3.555	101	414054	2.144	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	306057	2.161	ppbv	99
13) Ethanol	3.250	45	5342	1.289	ppbv #	5
14) Bromoethene	3.362	108	121249	2.148	ppbv	98
15) Acetone	3.465	43	299279	2.173	ppbv	99
16) 1,3-Butadiene	2.976	39	138957	2.198	ppbv	99
17) tert-Butyl alcohol	3.873	59	313489	2.272	ppbv	98
18) 1,1-Dichloroethene	3.877	96	132732	2.126	ppbv	100
19) Isopropyl Alcohol	3.578	45	152931	2.279	ppbv #	96
20) Methylene Chloride	3.928	84	142292	2.319	ppbv	95
21) Allyl Chloride	3.989	41	184020	2.090	ppbv	94
22) trans-1,2-Dichloroethene	4.443	96	131412	2.108	ppbv	94
23) Vinyl Acetate	4.626	43	68445	1.798	ppbv	98
24) 1,1-Dichloroethane	4.558	63	276784	2.125	ppbv	100
25) Ethyl Acetate	5.205	43	573446	2.211	ppbv	99
26) Hexane	5.208	57	242104	2.252	ppbv	98
27) Carbon Disulfide	4.121	76	304370	2.154	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	257844	2.257	ppbv	99
29) Chloroform	5.272	83	419821	2.141	ppbv	94
30) Cyclohexane	6.600	84	177578	2.030	ppbv	94
31) cis-1,2-Dichloroethene	5.076	61	228475	2.145	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	411663	2.021	ppbv	98
34) 2-Butanone	4.787	43	301240	2.029	ppbv	99
35) Carbon Tetrachloride	6.497	117	403935	2.018	ppbv	99
36) Benzene	6.372	78	491387	2.169	ppbv	98
37) 1,2-Dichloroethane	5.806	62	312571	2.112	ppbv	98
38) Trichloroethene	7.295	130	289994	2.078	ppbv	96
39) 1,2-Dichloropropane	7.073	63	191463	2.158	ppbv	98
40) 1,4-Dioxane	7.301	88	65921	1.953	ppbv #	1
41) Tetrahydrofuran	5.565	42	183288	2.225	ppbv	98
42) Bromodichloromethane	7.253	83	422591	2.109	ppbv	93
43) Methyl Methacrylate	7.478	69	101006	1.205	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	827160	2.207	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	143500	1.955	ppbv	98

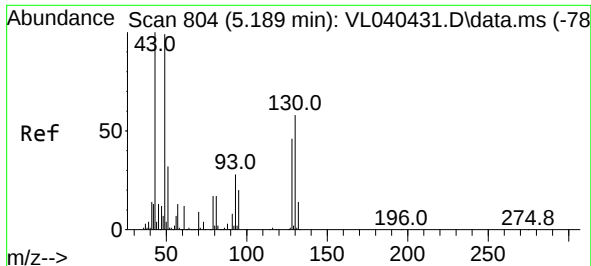
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040432.D
 Acq On : 16 May 2023 10:15
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Instrument :
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 VSTDICC002

Quant Time: May 17 07:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	211749	2.041	ppbv	95
47) 1,1,2-Trichloroethane	8.905	97	199878	2.064	ppbv	97
48) Dibromochloromethane	9.716	129	329580	2.131	ppbv	98
49) Bromoform	12.417	173	257050	2.106	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	493763	2.153	ppbv	98
51) 2-Hexanone	9.565	43	376243	2.227	ppbv #	97
52) Tetrachloroethene	10.619	164	86017	1.118	ppbv	97
53) Toluene	9.230	91	528307	2.208	ppbv	99
54) 1,2-Dibromoethane	10.015	107	209575	2.166	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.516	131	256741	2.102	ppbv #	1
57) Chlorobenzene	11.532	112	428763	2.019	ppbv	99
58) Ethyl Benzene	12.095	91	716366	2.146	ppbv	100
59) m/p-Xylene	12.375	91	591126	1.941	ppbv #	20
60) o-Xylene	13.066	91	627066	2.164	ppbv	98
61) Styrene	12.909	104	320464	2.183	ppbv	99
62) Isopropylbenzene	14.040	105	908235	2.144	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	215120	2.058	ppbv	99
64) n-propylbenzene	14.925	120	225478	2.158	ppbv	87
65) tert-Butylbenzene	16.098	119	817820	2.202	ppbv	97
66) Benzyl Chloride	16.339	91	36392	1.651	ppbv #	90
67) sec-Butylbenzene	16.645	105	1198721	2.241	ppbv	98
69) p-Isopropyltoluene	17.005	119	951121	2.263	ppbv	99
70) n-Butylbenzene	17.899	91	1073408	2.292	ppbv	97
71) 2-Chlorotoluene	14.809	91	708229	2.198	ppbv	98
72) 4-Ethyltoluene	15.204	105	714010	2.173	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	657368	2.179	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	754409	2.174	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	407087	2.132	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	387890	2.101	ppbv	97
77) 1,2-Dichlorobenzene	17.153	146	405893	2.194	ppbv	99
78) Hexachloro-1,3-Butadiene	22.644	225	300751	2.173	ppbv	100
79) Naphthalene	21.400	128	541032	2.579	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	160837	2.677	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	293117	2.257	ppbv	98

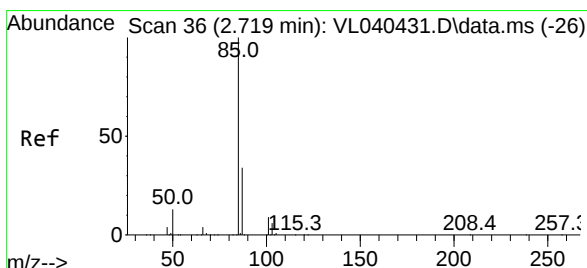
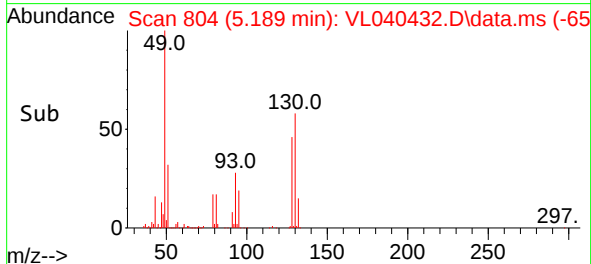
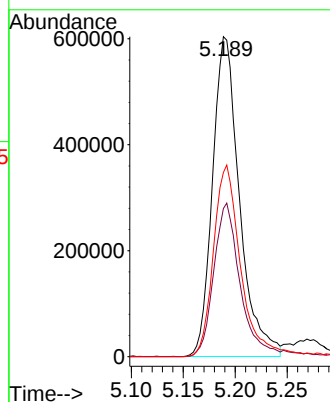
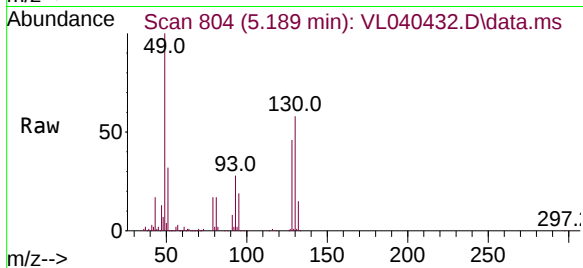
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.016 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

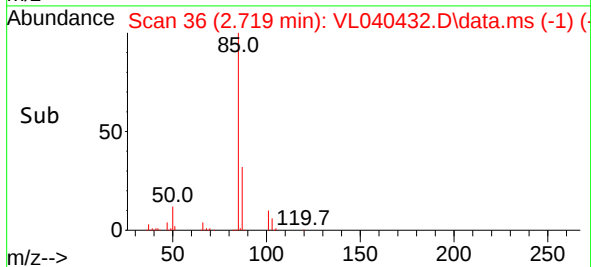
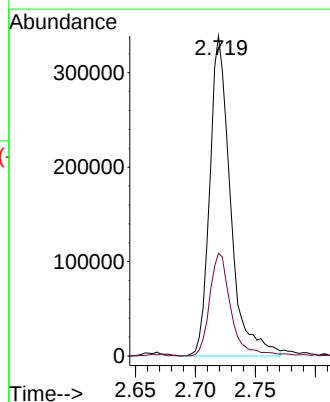
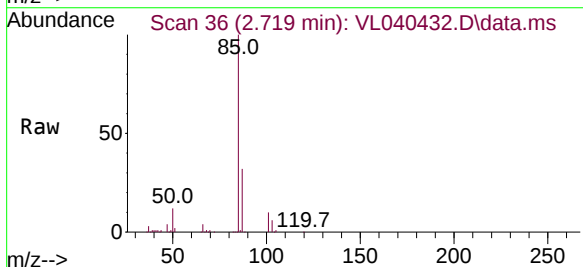
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

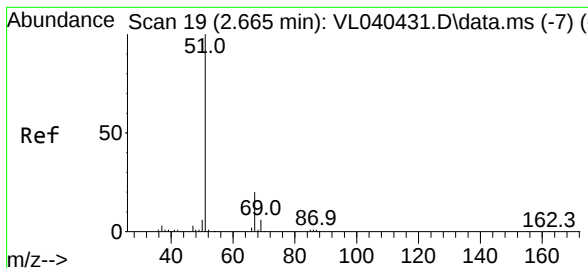
Tgt Ion: 49 Resp: 1088732
 Ion Ratio Lower Upper
 49 100
 128 49.1 24.3 72.8
 130 62.4 30.2 90.6



#2
 Dichlorodifluoromethane
 Concen: 1.906 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. -0.010 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 85 Resp: 407644
 Ion Ratio Lower Upper
 85 100
 87 32.1 27.4 41.0





#3

Chlorodifluoromethane

Concen: 2.210 ppbv

RT: 2.665 min Scan# 19

Delta R.T. -0.010 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

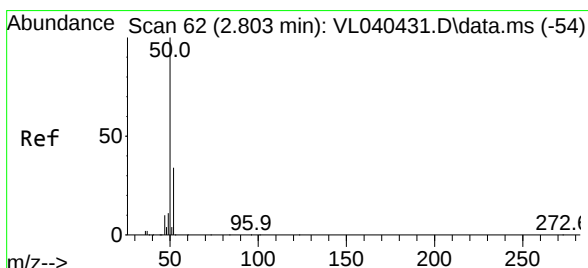
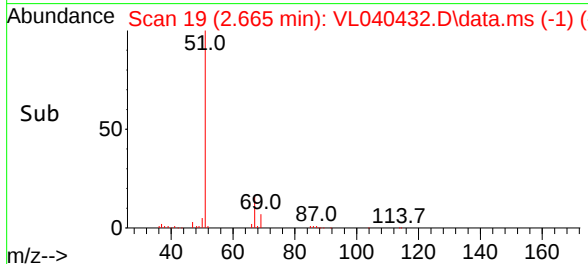
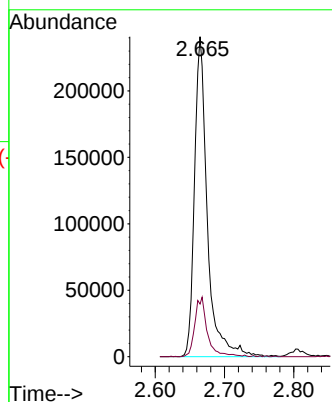
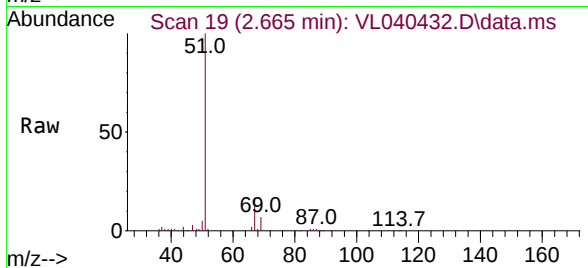
VSTDICC002

Tgt Ion: 51 Resp: 310830

Ion Ratio Lower Upper

51 100

67 18.5 15.8 23.6



#4

Chloromethane

Concen: 2.171 ppbv

RT: 2.803 min Scan# 62

Delta R.T. -0.010 min

Lab File: VL040432.D

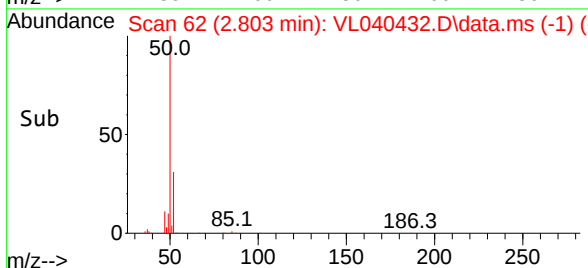
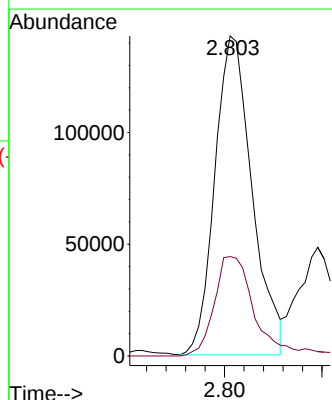
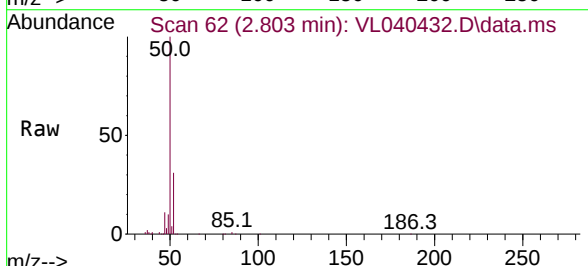
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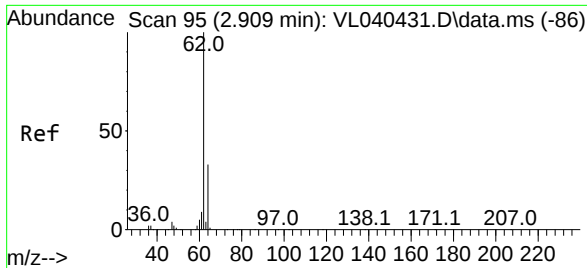
Tgt Ion: 50 Resp: 189636

Ion Ratio Lower Upper

50 100

52 31.2 27.6 41.4

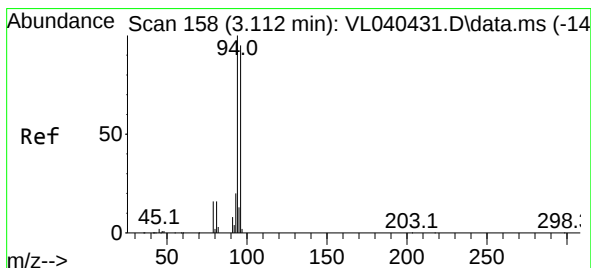
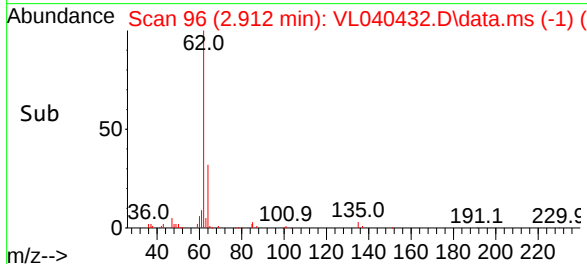
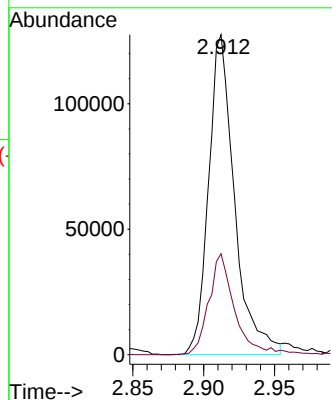
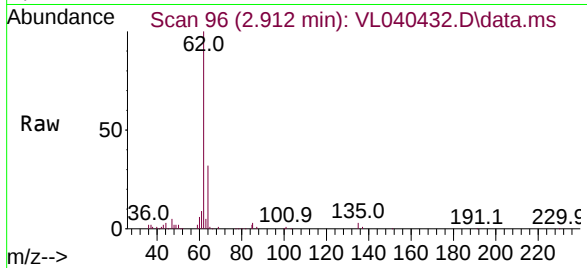




#5
 Vinyl Chloride
 Concen: 2.092 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. -0.010 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

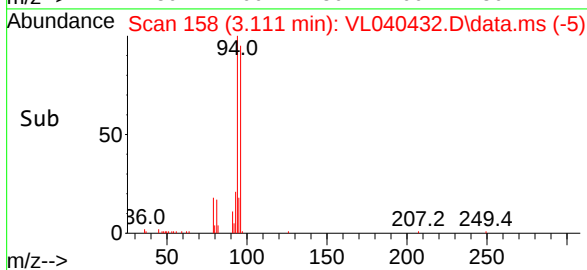
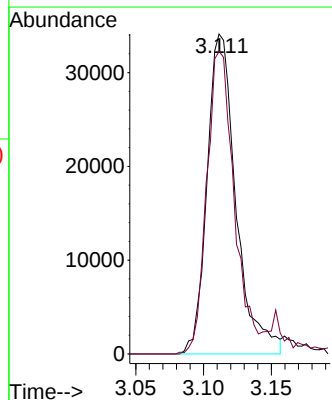
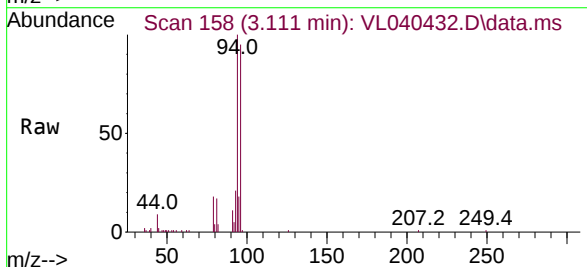
Instrument :
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 ClientSampleId :
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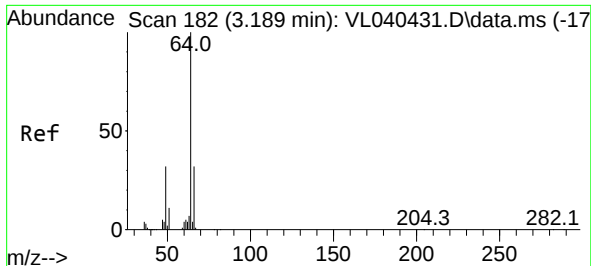
Tgt Ion: 62 Resp: 162174
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.6 40.0



#6
 Bromomethane
 Concen: 2.151 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.010 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 94 Resp: 50692
 Ion Ratio Lower Upper
 94 100
 96 94.0 75.7 113.5

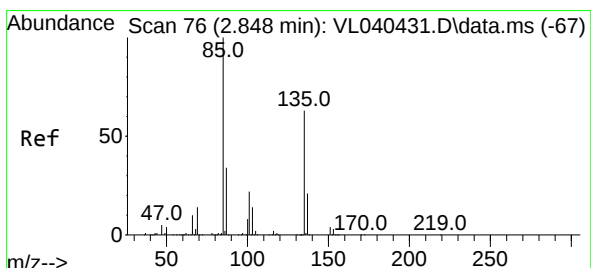
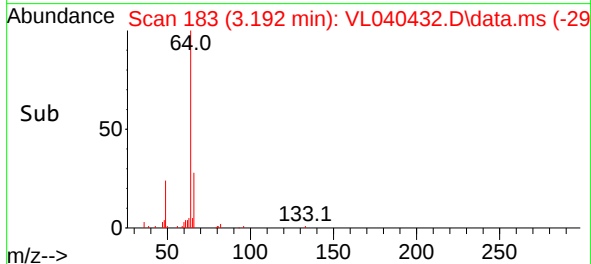
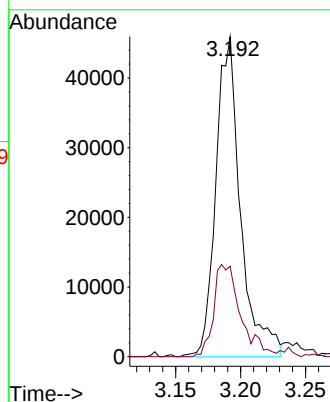
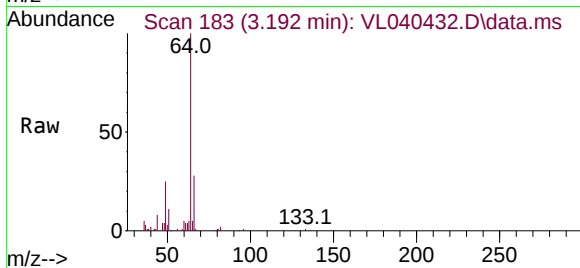




#7
Chloroethane
Concen: 2.207 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

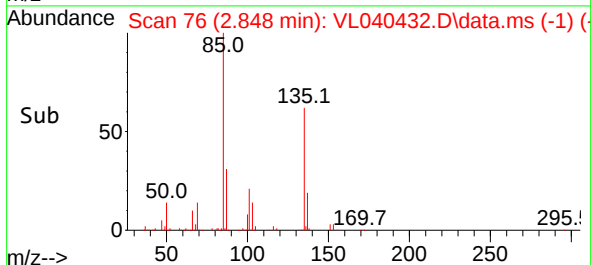
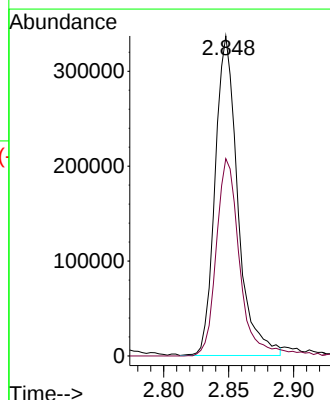
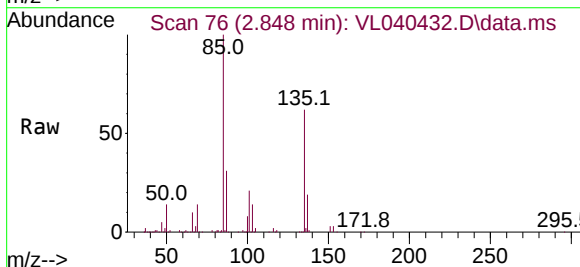
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ClientSampleId :
VSTDICC002

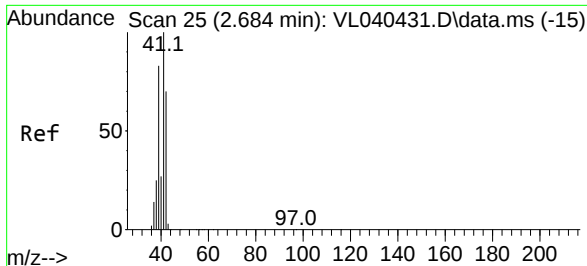
Tgt Ion: 64 Resp: 60453
Ion Ratio Lower Upper
64 100
66 29.3 25.8 38.8



#8
Dichlorotetrafluoroethane
Concen: 2.126 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 85 Resp: 408598
Ion Ratio Lower Upper
85 100
135 64.7 50.6 75.8

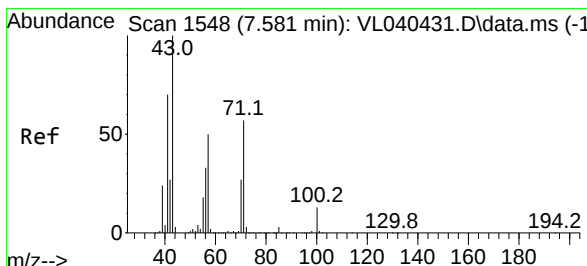
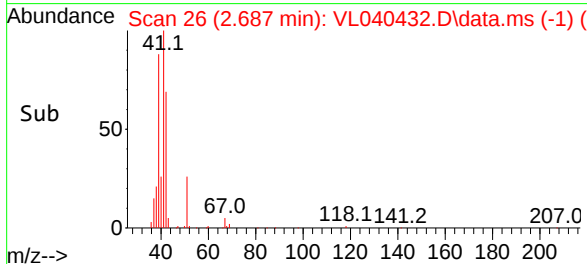
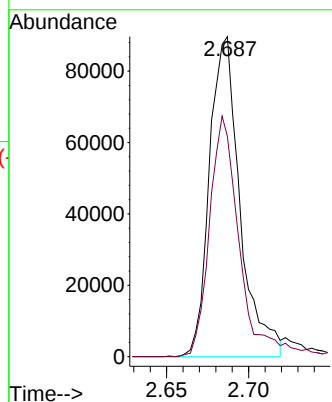
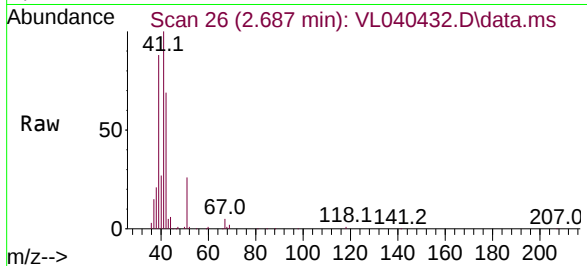




#9
Propene
Concen: 2.121 ppbv
RT: 2.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

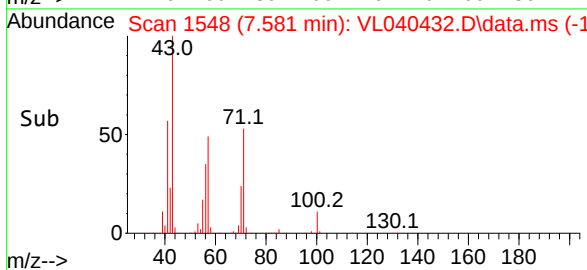
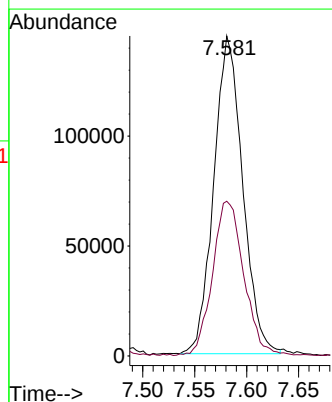
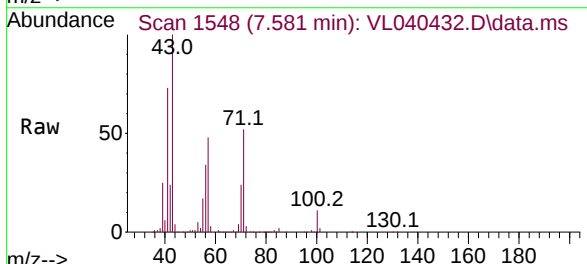
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

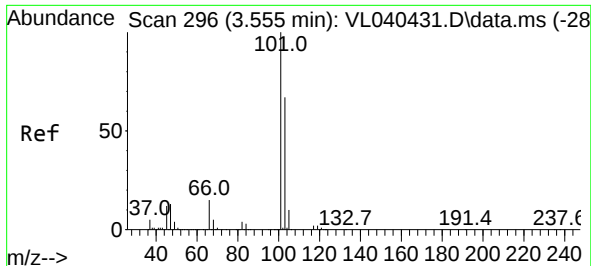
Tgt Ion: 41 Resp: 116022
Ion Ratio Lower Upper
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42 74.9 56.6 84.8



#10
Heptane
Concen: 2.209 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 43 Resp: 279242
Ion Ratio Lower Upper
43 100
57 53.7 42.2 63.2

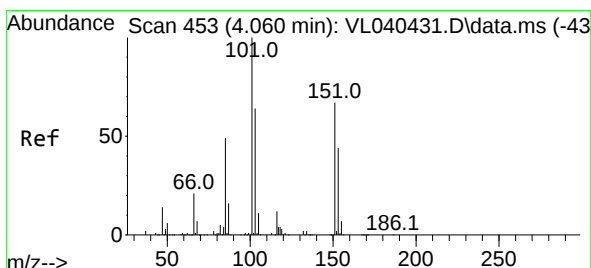
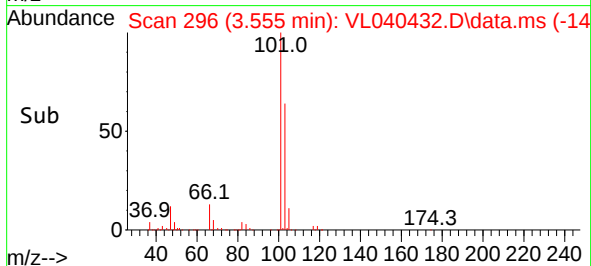
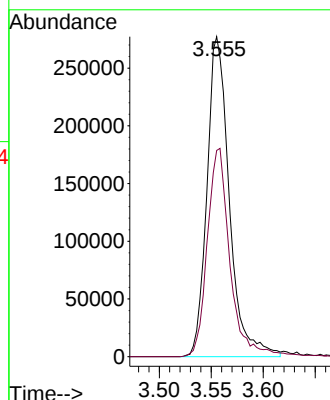
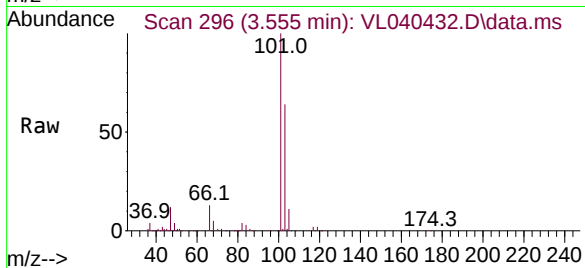




#11
 Trichlorofluoromethane
 Concen: 2.144 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. -0.013 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

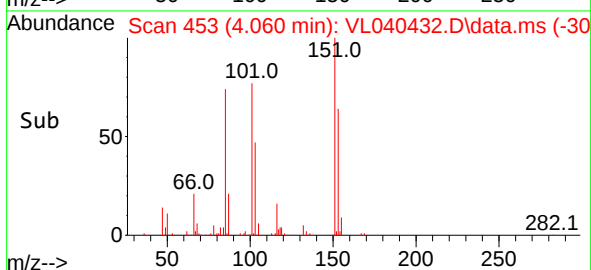
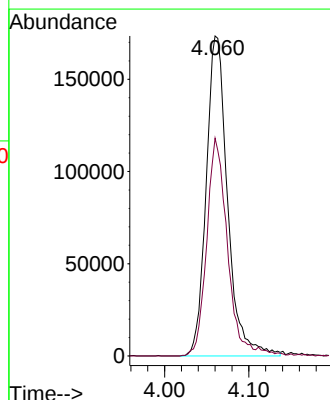
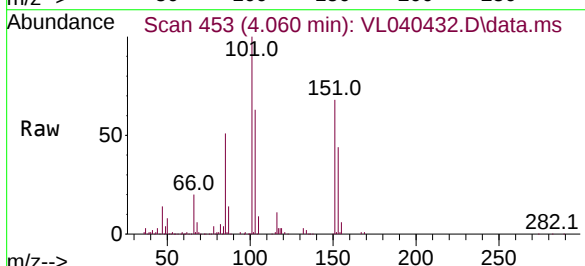
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

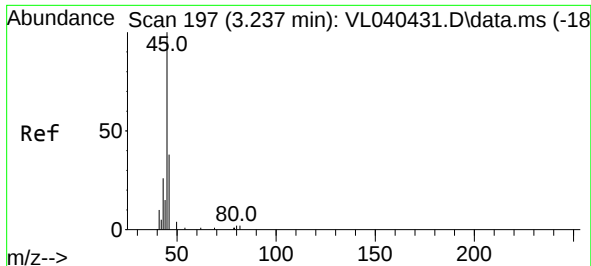
Tgt Ion:101 Resp: 414054
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.3 79.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.161 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.013 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion:101 Resp: 306057
 Ion Ratio Lower Upper
 101 100
 151 66.8 53.8 80.6

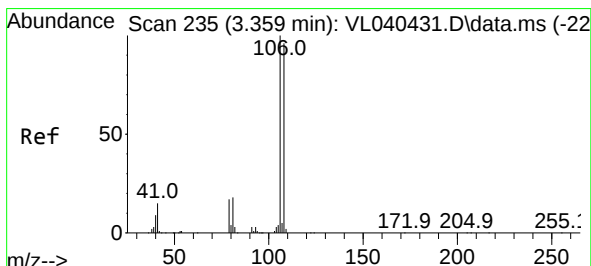
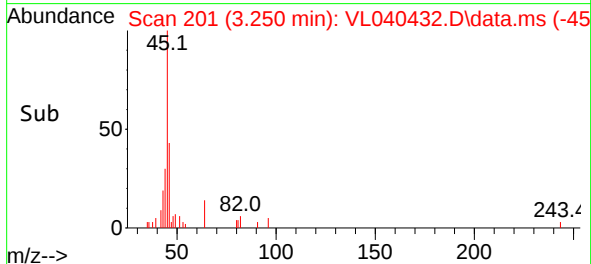
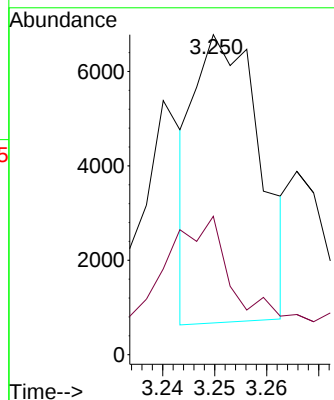
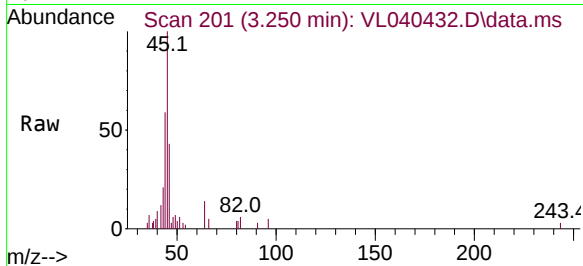




#13
 Ethanol
 Concen: 1.289 ppbv
 RT: 3.250 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

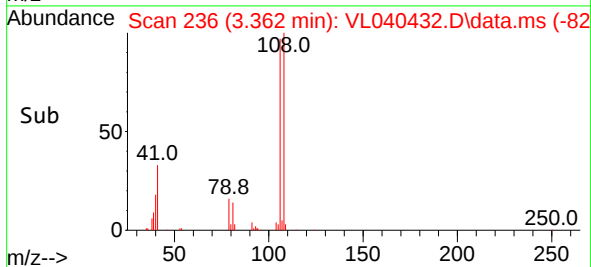
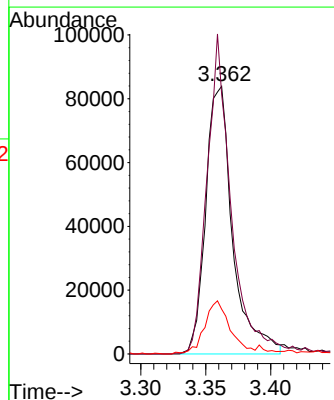
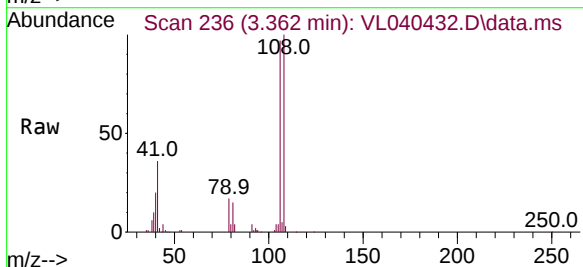
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

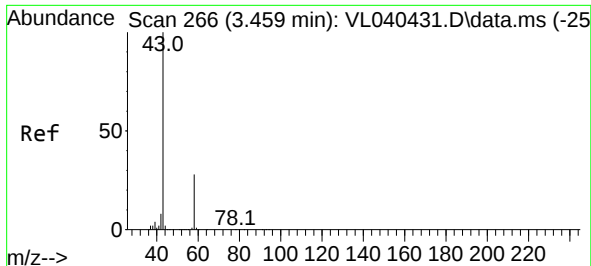
Tgt Ion: 45 Resp: 5342
 Ion Ratio Lower Upper
 45 100
 46 86.8 13.2 52.8#



#14
 Bromoethene
 Concen: 2.148 ppbv
 RT: 3.362 min Scan# 236
 Delta R.T. -0.006 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 108 Resp: 121249
 Ion Ratio Lower Upper
 108 100
 106 110.2 89.5 134.3
 79 20.7 16.1 24.1

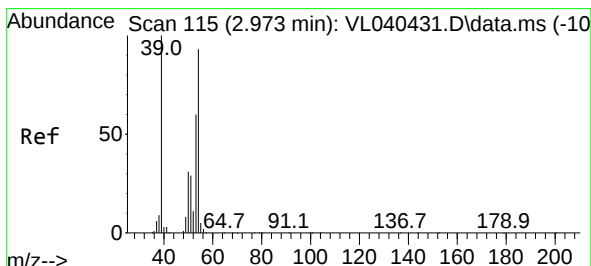
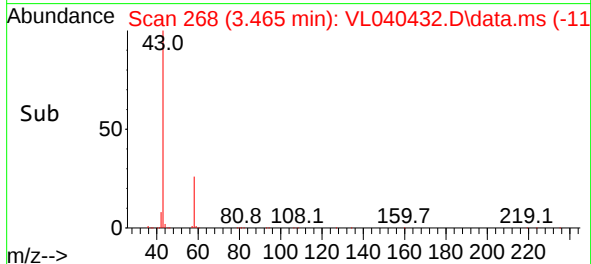
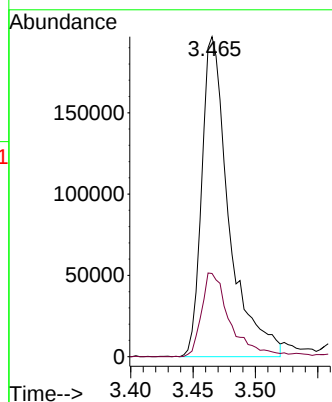
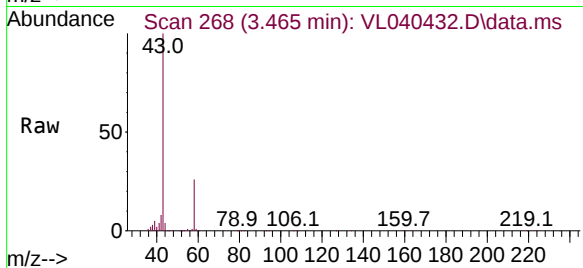




#15
Acetone
Concen: 2.173 ppbv
RT: 3.465 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

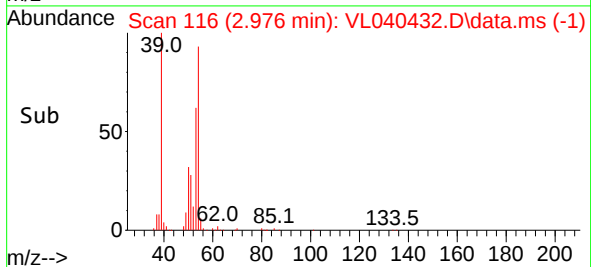
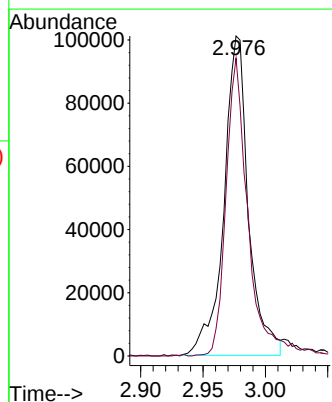
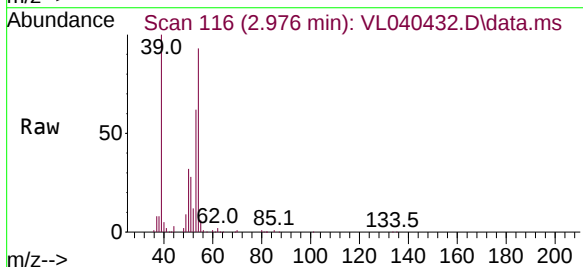
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

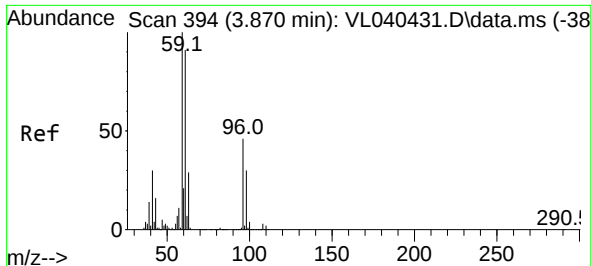
Tgt Ion: 43 Resp: 299279
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.4



#16
1,3-Butadiene
Concen: 2.198 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 39 Resp: 138957
Ion Ratio Lower Upper
39 100
54 85.1 68.9 103.3





#17

tert-Butyl alcohol

Concen: 2.272 ppbv

RT: 3.873 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

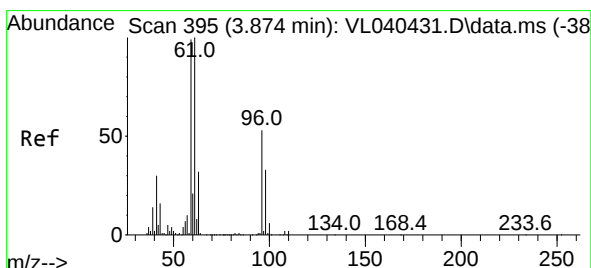
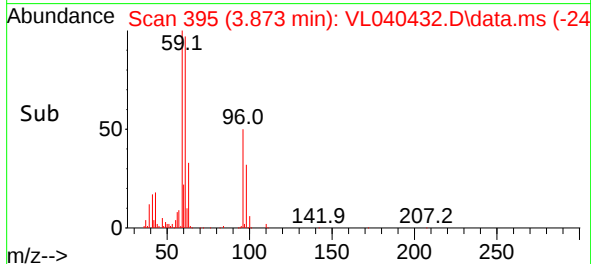
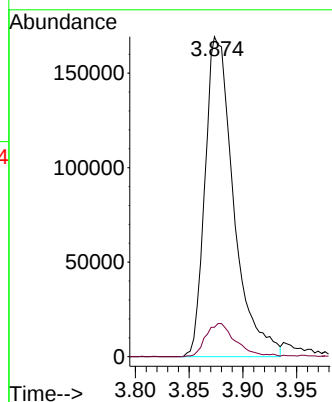
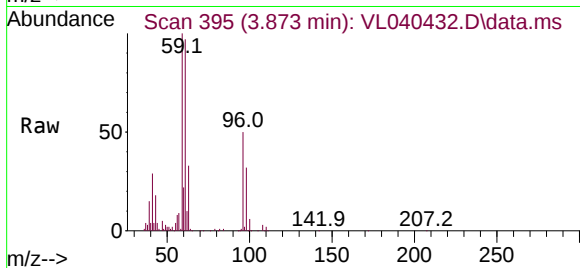
VSTDICC002

Tgt Ion: 59 Resp: 313489

Ion Ratio Lower Upper

59 100

57 11.6 8.6 12.8



#18

1,1-Dichloroethene

Concen: 2.126 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

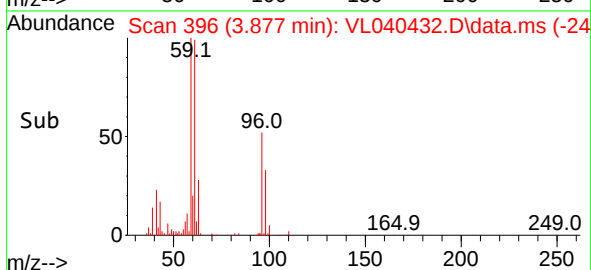
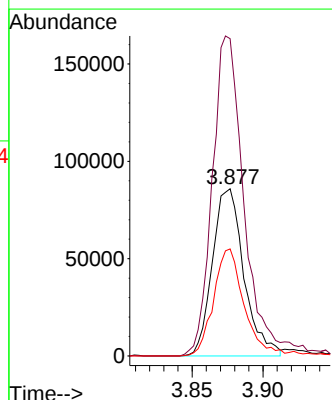
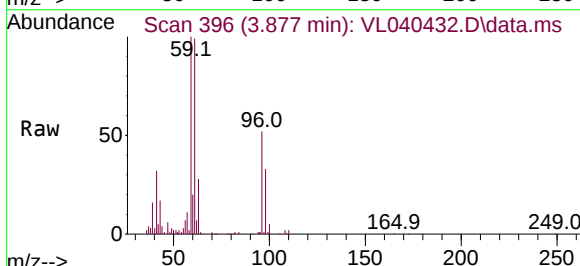
Tgt Ion: 96 Resp: 132732

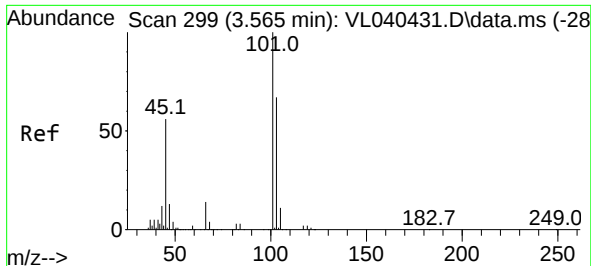
Ion Ratio Lower Upper

96 100

61 189.8 151.8 227.8

98 64.1 50.5 75.7

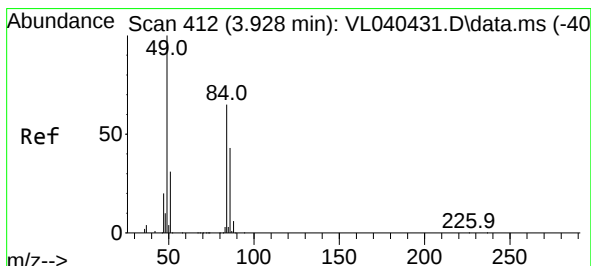
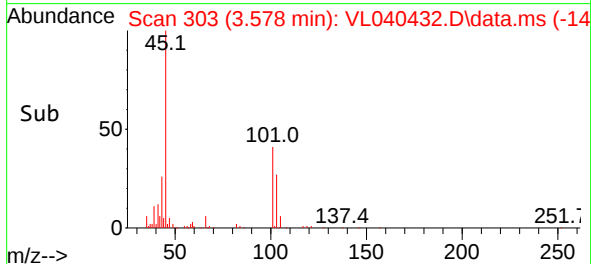
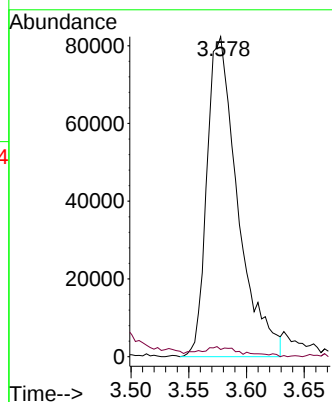
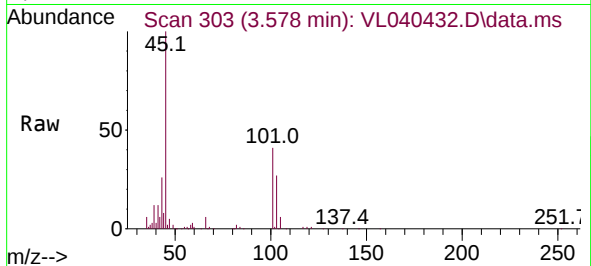




#19
Isopropyl Alcohol
Concen: 2.279 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

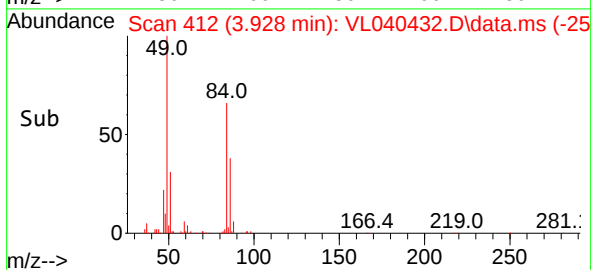
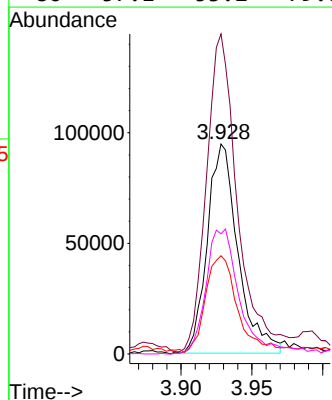
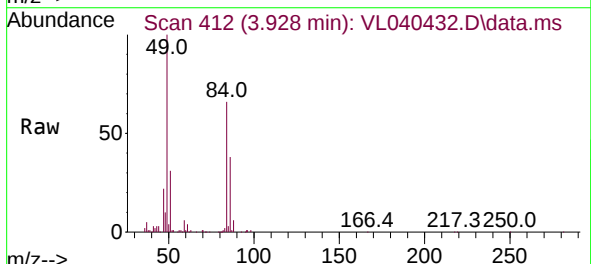
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

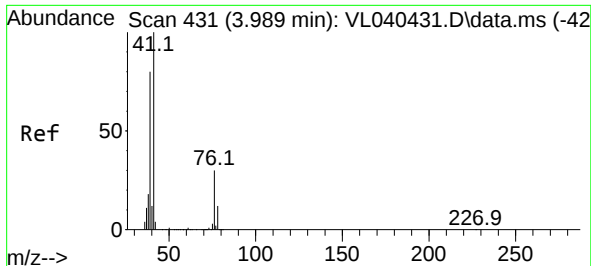
Tgt Ion: 45 Resp: 152931
Ion Ratio Lower Upper
45 100
58 4.1 2.1 3.1#



#20
Methylene Chloride
Concen: 2.319 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 84 Resp: 142292
Ion Ratio Lower Upper
84 100
49 151.8 123.7 185.5
51 44.8 38.6 57.8
86 57.1 53.2 79.8





#21

Allyl Chloride

Concen: 2.090 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

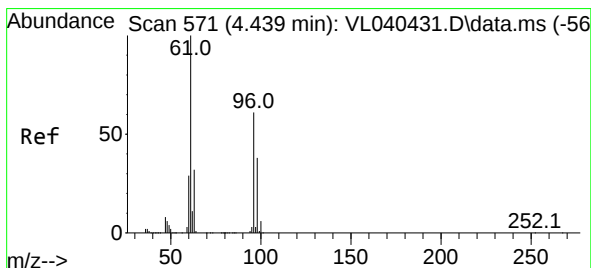
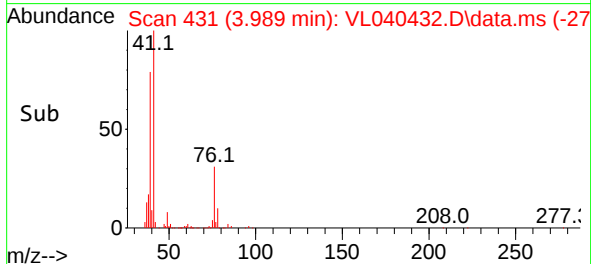
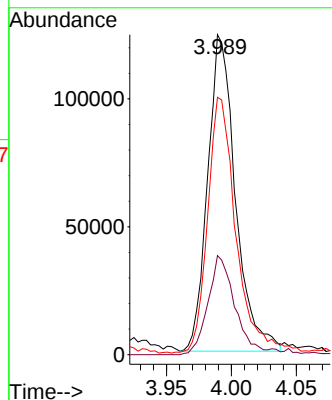
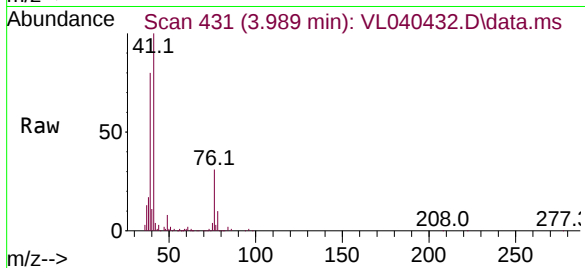
Tgt Ion: 41 Resp: 184020

Ion Ratio Lower Upper

41 100

76 31.9 25.3 37.9

39 87.0 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 2.108 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

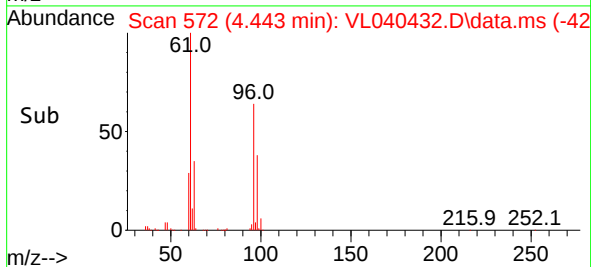
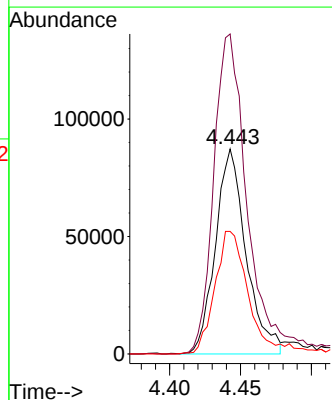
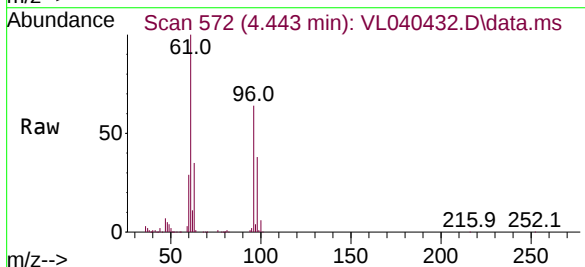
Tgt Ion: 96 Resp: 131412

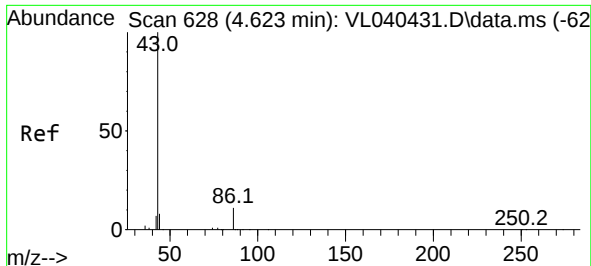
Ion Ratio Lower Upper

96 100

61 156.0 131.8 197.6

98 59.6 50.1 75.1

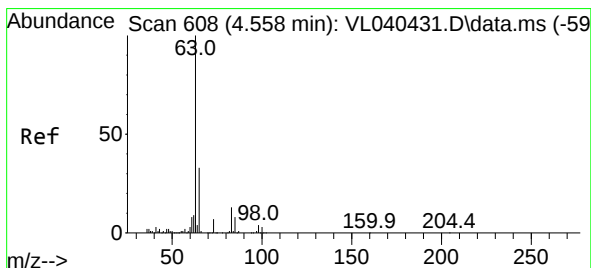
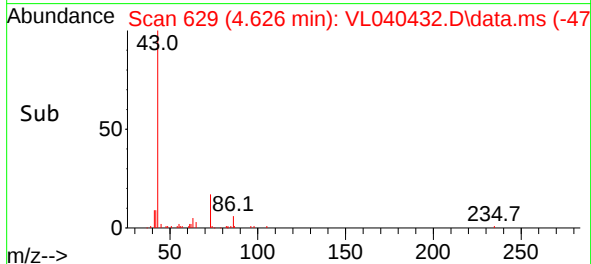
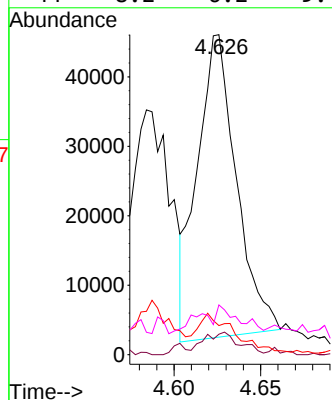
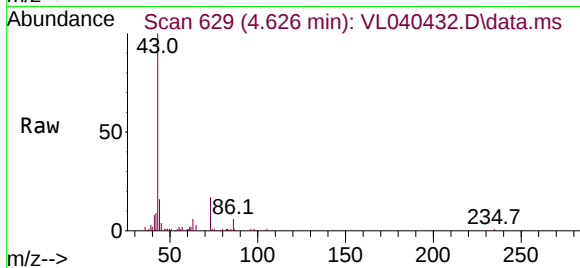




#23
 Vinyl Acetate
 Concen: 1.798 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

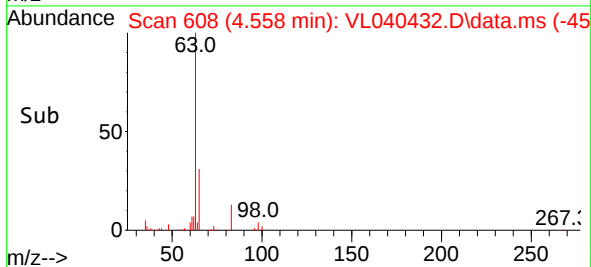
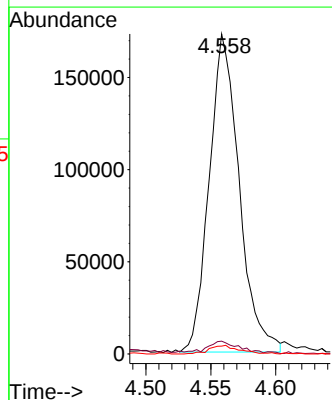
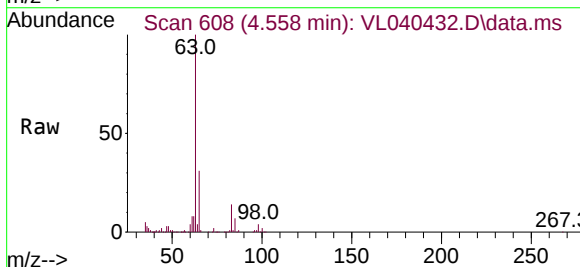
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

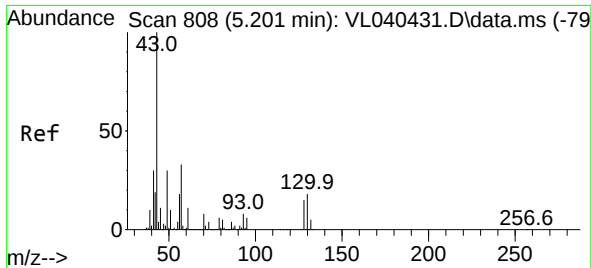
Tgt Ion: 43	Resp: 68445
Ion Ratio	Lower Upper
43 100	
86 6.4	5.4 8.2
42 8.5	7.8 11.6
44 8.2	6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 2.125 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 63	Resp: 276784
Ion Ratio	Lower Upper
63 100	
98 3.9	2.0 5.8
100 2.5	1.4 4.2



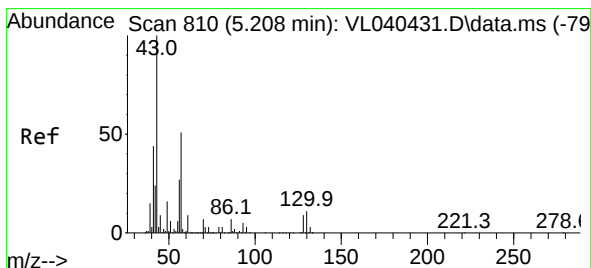
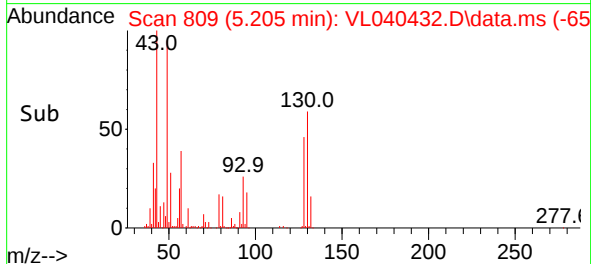
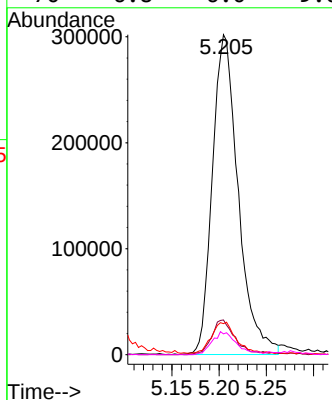
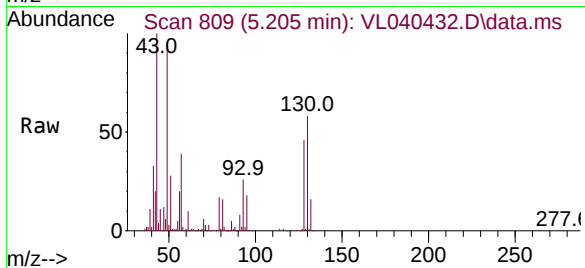


#25
Ethyl Acetate
Concen: 2.211 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 573446

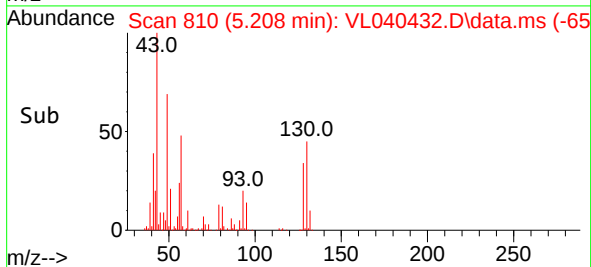
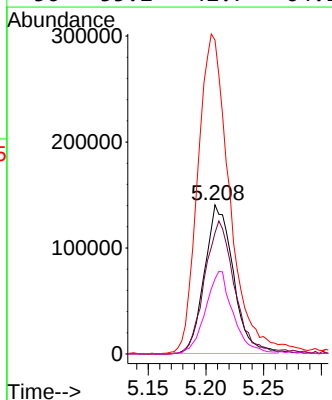
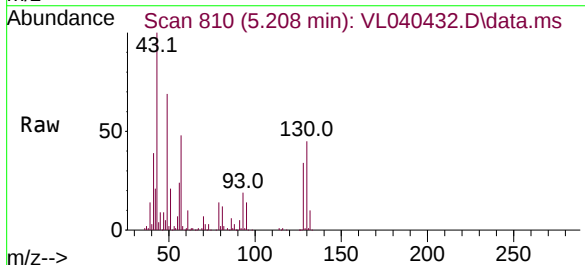
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	13.0
61	10.4	8.6	12.8
70	6.8	6.0	9.0

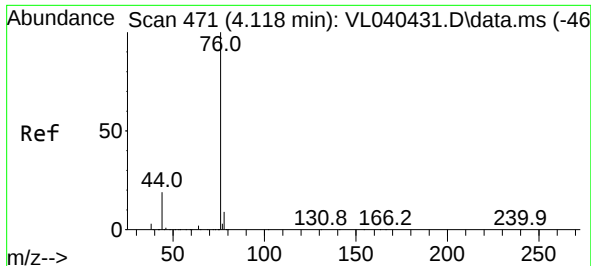


#26
Hexane
Concen: 2.252 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 57 Resp: 242104

Ion	Ratio	Lower	Upper
57	100		
41	96.3	75.1	112.7
43	245.7	194.4	291.6
56	55.2	42.7	64.1





#27

Carbon Disulfide

Concen: 2.154 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

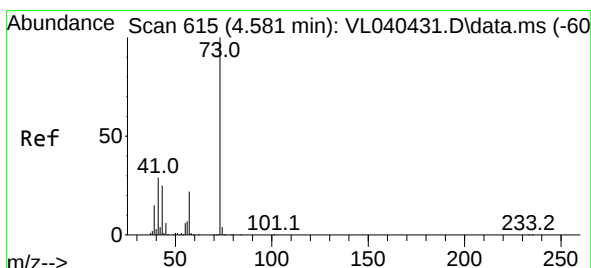
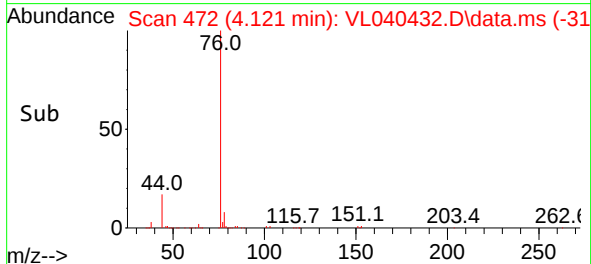
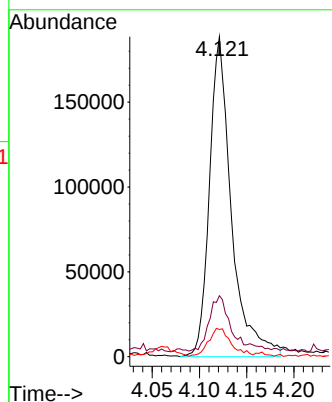
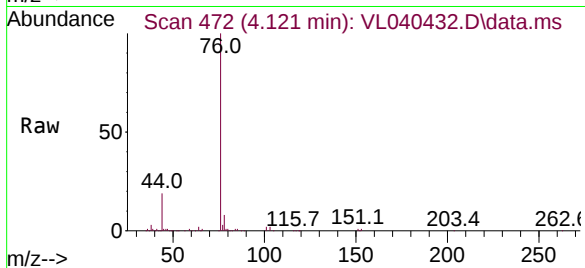
Tgt Ion: 76 Resp: 304370

Ion Ratio Lower Upper

76 100

44 18.8 15.3 22.9

78 10.0 7.4 11.2



#28

Methyl tert-Butyl Ether

Concen: 2.257 ppbv

RT: 4.587 min Scan# 617

Delta R.T. -0.006 min

Lab File: VL040432.D

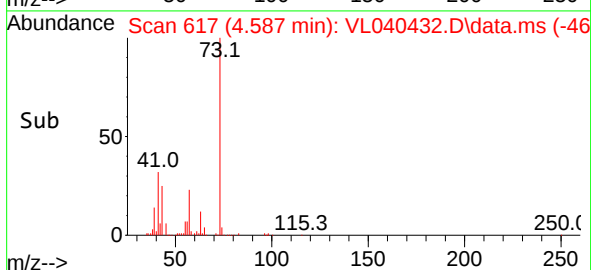
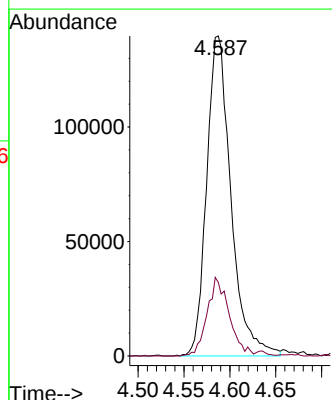
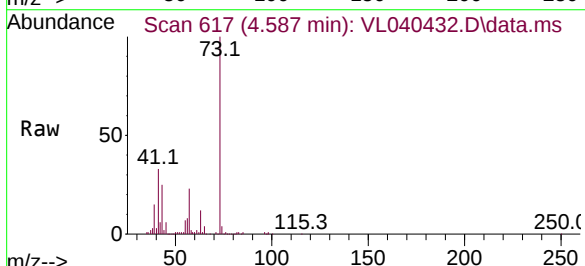
Acq: 16 May 2023 10:15

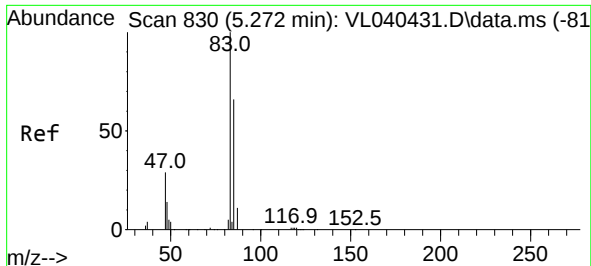
Tgt Ion: 73 Resp: 257844

Ion Ratio Lower Upper

73 100

57 23.2 18.9 28.3





#29

Chloroform

Concen: 2.141 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

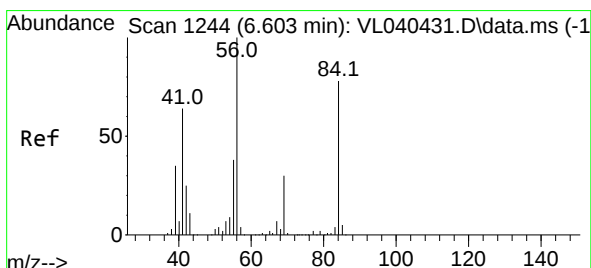
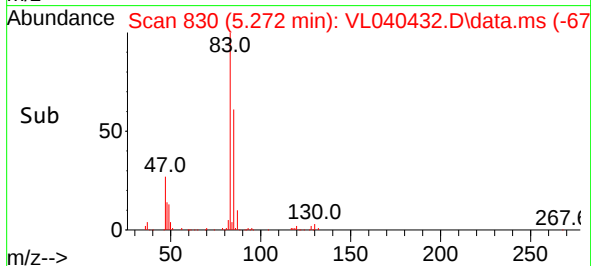
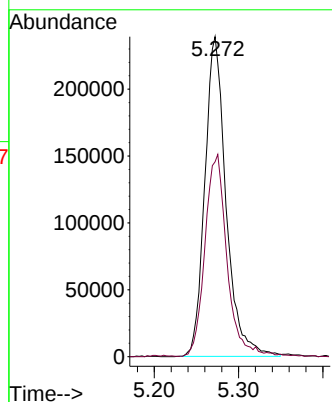
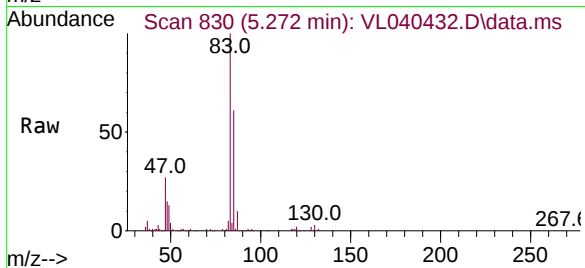
VSTDIC002

Tgt Ion: 83 Resp: 419821

Ion Ratio Lower Upper

83 100

85 60.8 52.4 78.6



#30

Cyclohexane

Concen: 2.030 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

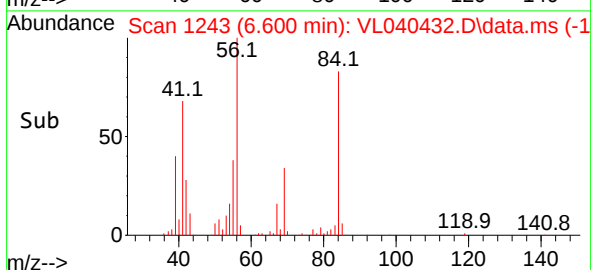
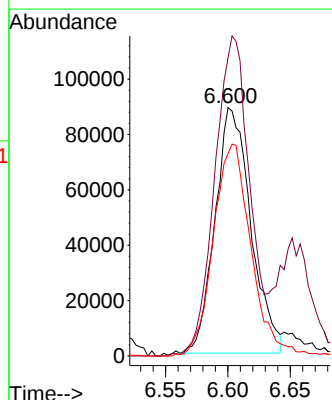
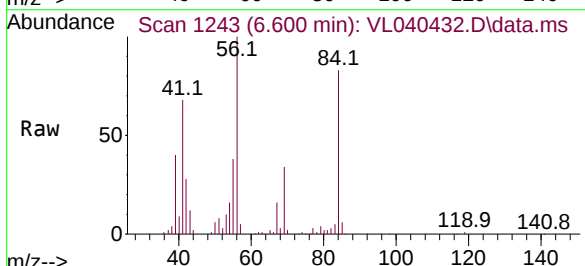
Tgt Ion: 84 Resp: 177578

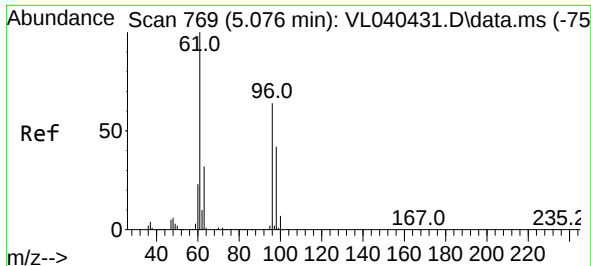
Ion Ratio Lower Upper

84 100

56 130.4 108.2 162.4

41 91.1 66.9 100.3

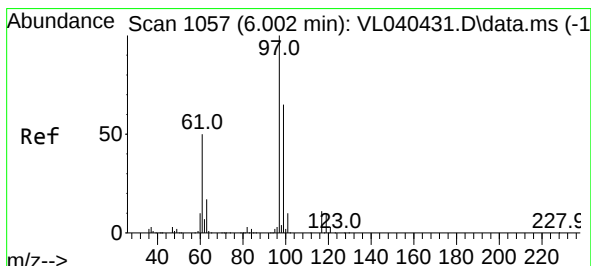
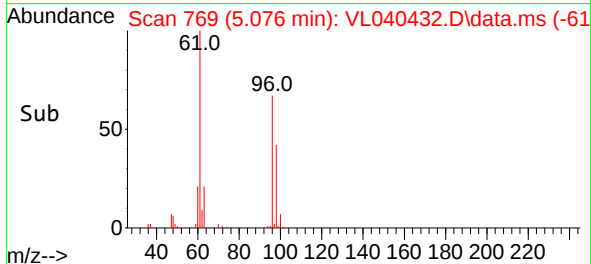
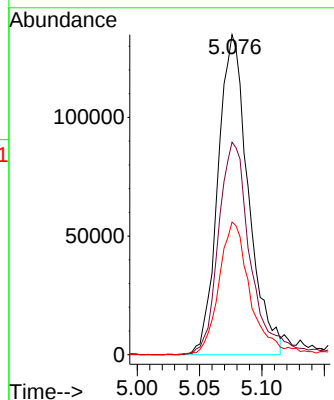
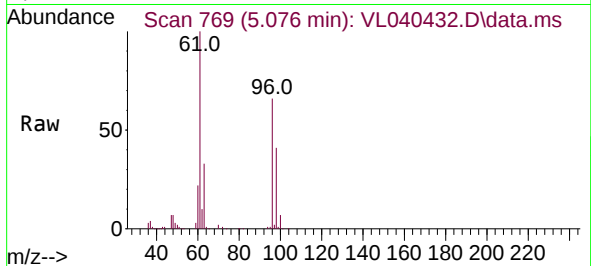




#31
 cis-1,2-Dichloroethene
 Concen: 2.145 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.013 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

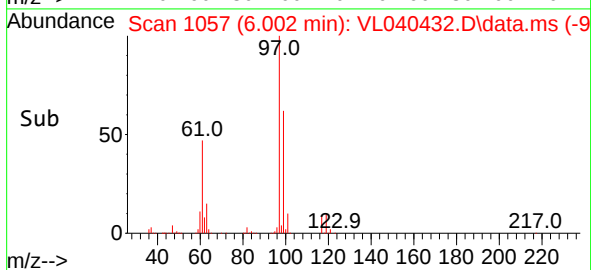
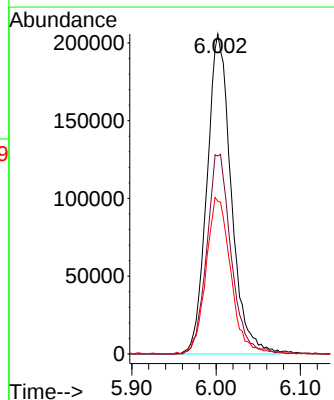
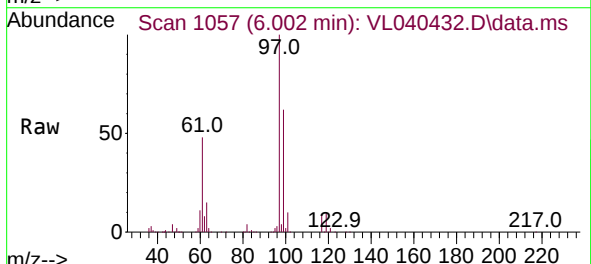
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

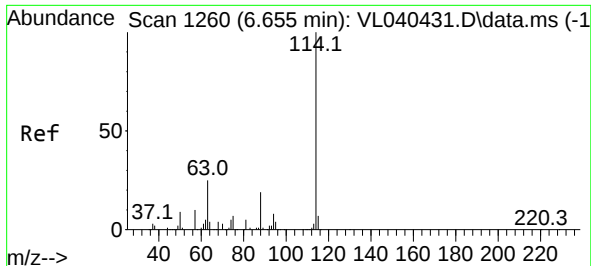
Tgt Ion: 61 Resp: 228475
 Ion Ratio Lower Upper
 61 100
 96 66.2 51.4 77.0
 98 41.5 33.6 50.4



#32
 1,1,1-Trichloroethane
 Concen: 2.021 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.013 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 97 Resp: 411663
 Ion Ratio Lower Upper
 97 100
 99 62.8 52.2 78.2
 61 50.1 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

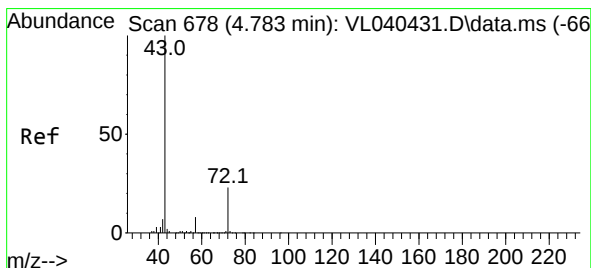
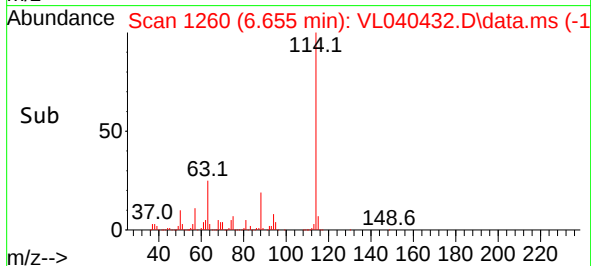
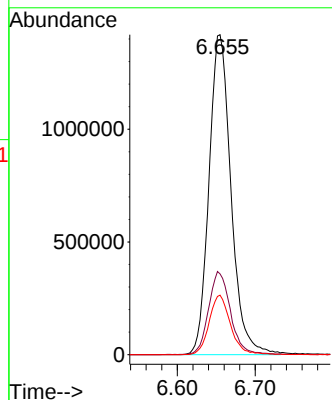
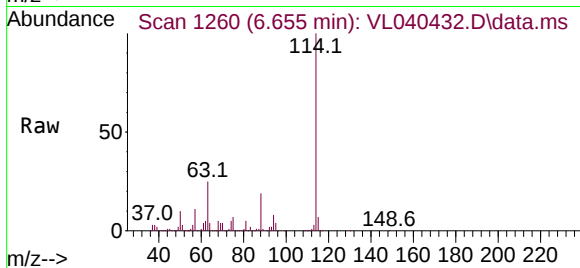
Tgt Ion:114 Resp: 2788819

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

88 18.1 14.6 22.0



#34

2-Butanone

Concen: 2.029 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.010 min

Lab File: VL040432.D

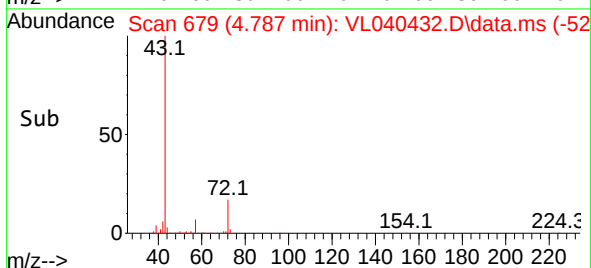
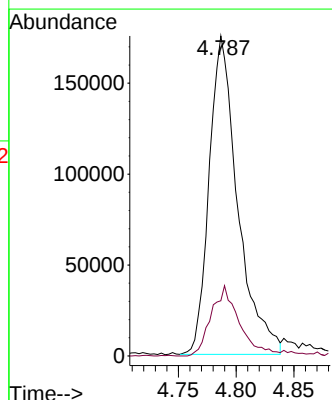
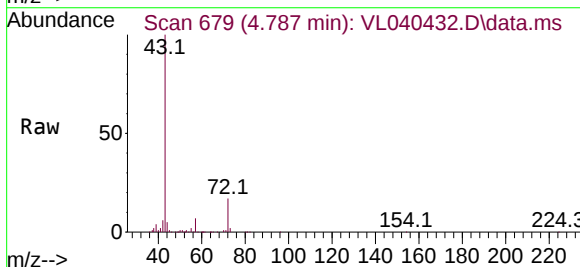
Acq: 16 May 2023 10:15

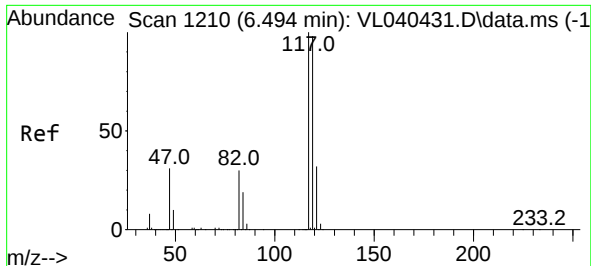
Tgt Ion: 43 Resp: 301240

Ion Ratio Lower Upper

43 100

72 23.3 18.3 27.5

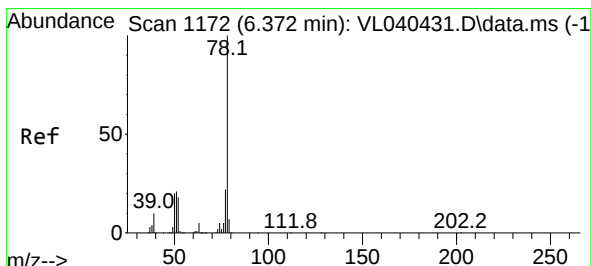
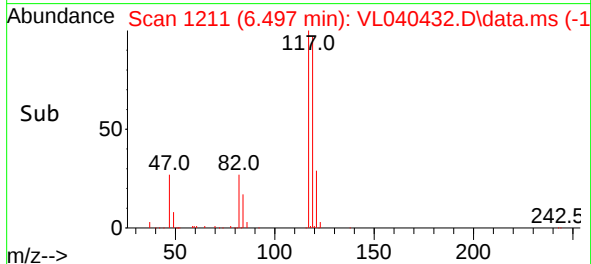
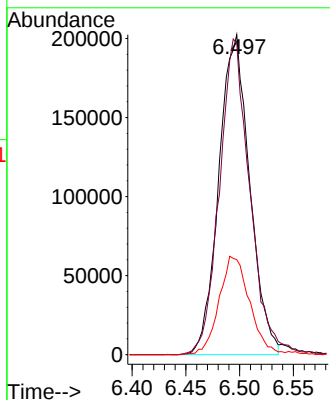
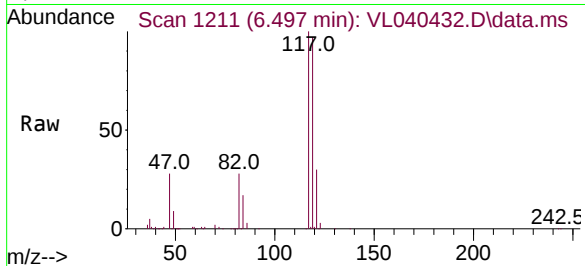




#35
Carbon Tetrachloride
Concen: 2.018 ppbv
RT: 6.497 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

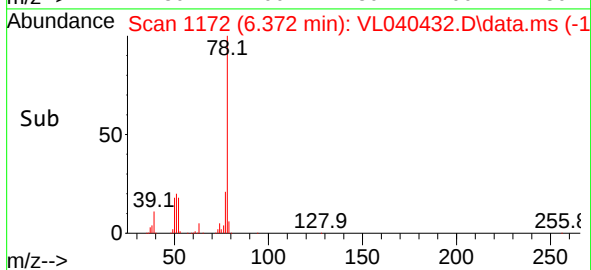
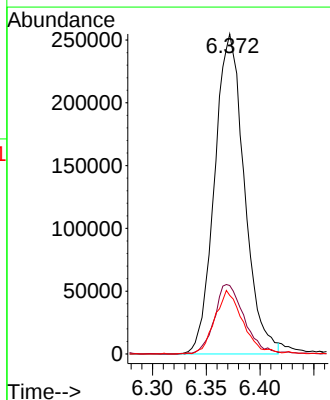
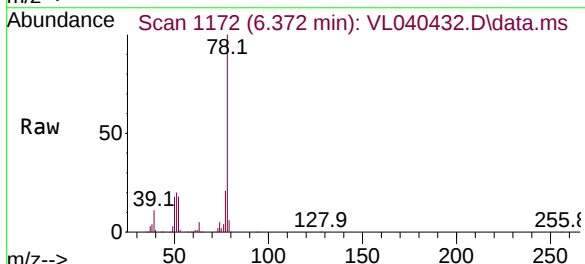
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

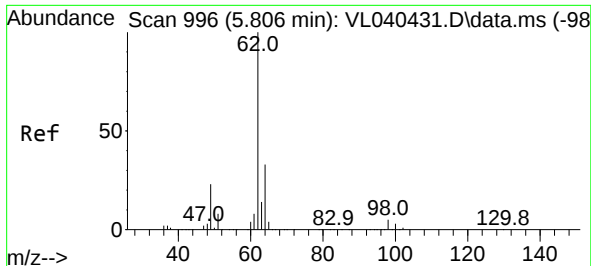
Tgt Ion:117 Resp: 403935
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
121 29.7 25.2 37.8



#36
Benzene
Concen: 2.169 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 78 Resp: 491387
Ion Ratio Lower Upper
78 100
77 21.4 17.7 26.5
50 18.2 15.8 23.8

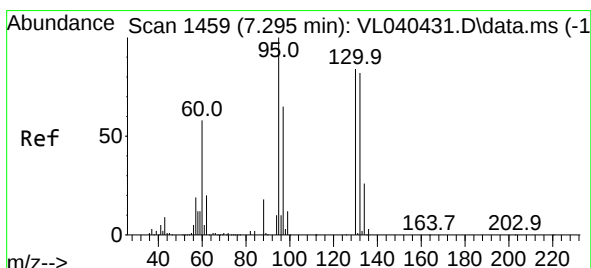
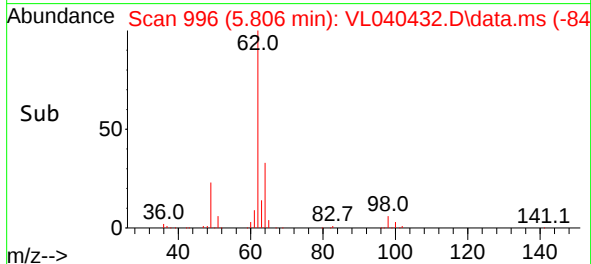
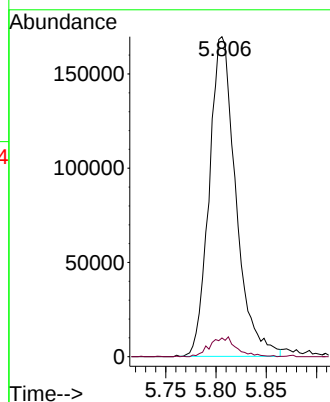
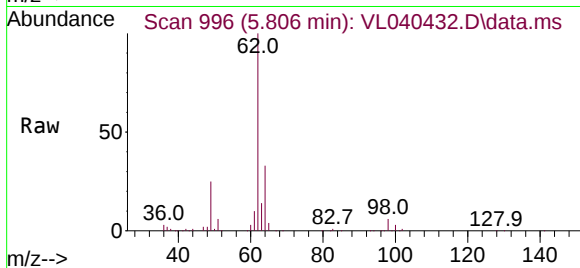




#37
1,2-Dichloroethane
Concen: 2.112 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

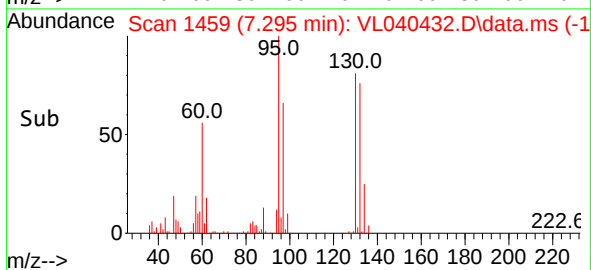
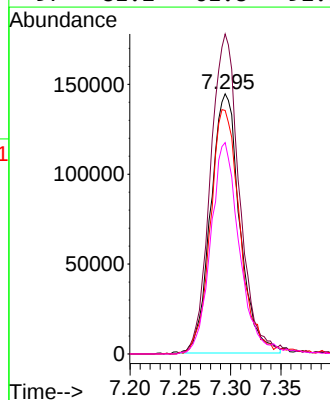
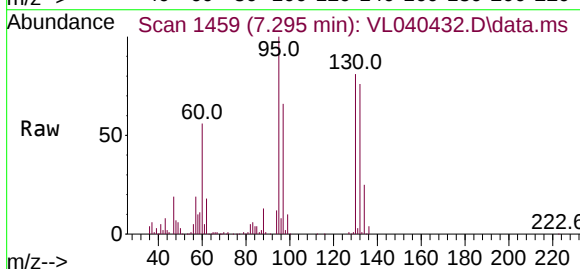
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

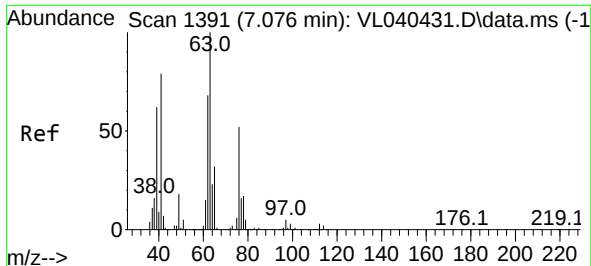
Tgt Ion: 62 Resp: 312571
Ion Ratio Lower Upper
62 100
98 6.2 4.5 6.7



#38
Trichloroethene
Concen: 2.078 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:130 Resp: 289994
Ion Ratio Lower Upper
130 100
95 123.0 94.8 142.2
132 93.3 78.2 117.4
97 81.2 61.8 92.8





#39

1,2-Dichloropropane

Concen: 2.158 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

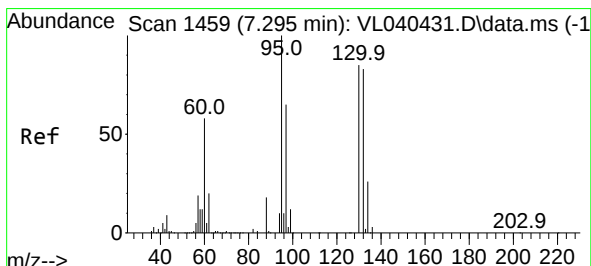
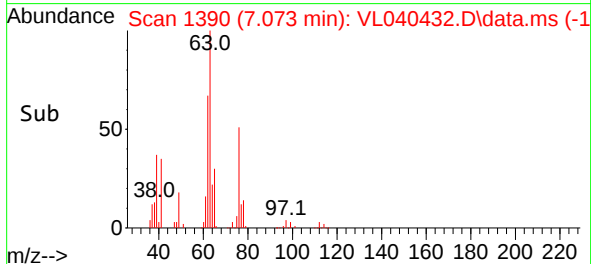
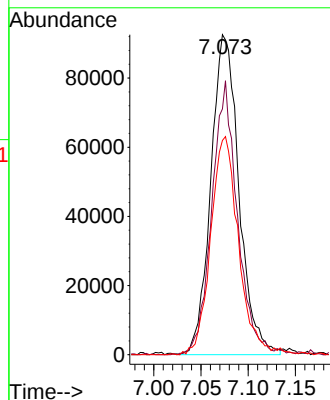
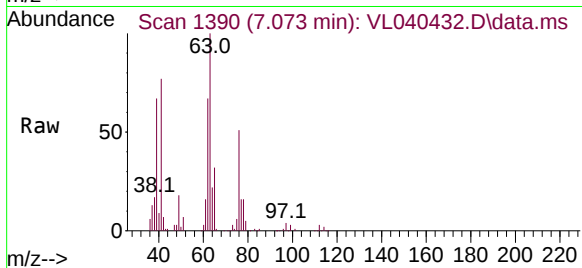
Tgt Ion: 63 Resp: 191463

Ion Ratio Lower Upper

63 100

41 76.4 63.3 94.9

62 66.9 54.2 81.4



#40

1,4-Dioxane

Concen: 1.953 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. -0.003 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion: 88 Resp: 65921

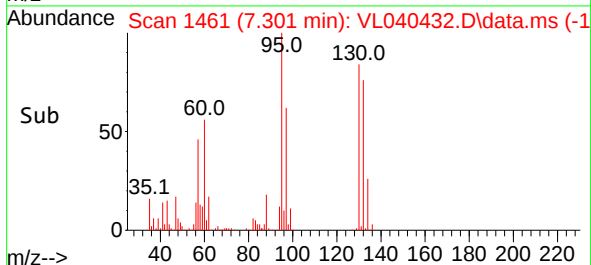
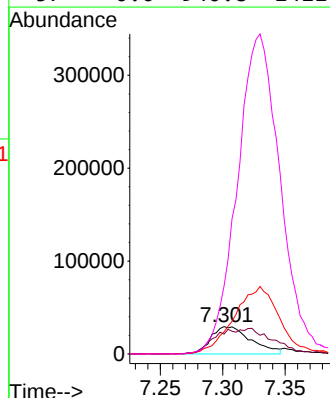
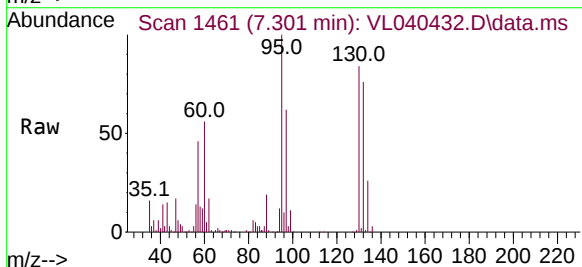
Ion Ratio Lower Upper

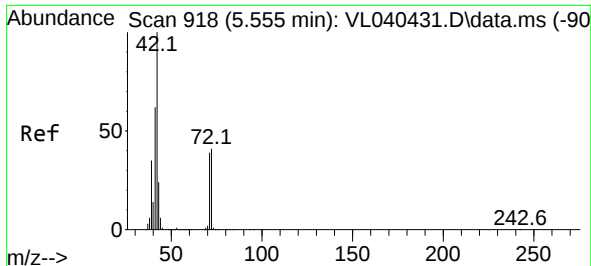
88 100

58 0.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 2.225 ppbv

RT: 5.565 min Scan# 918

Delta R.T. -0.003 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

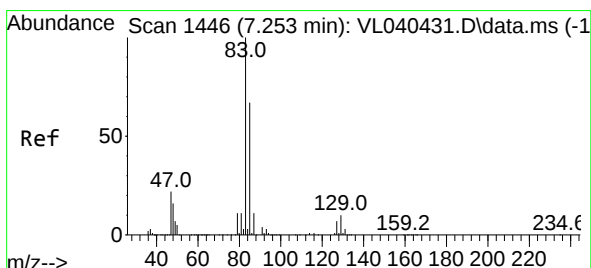
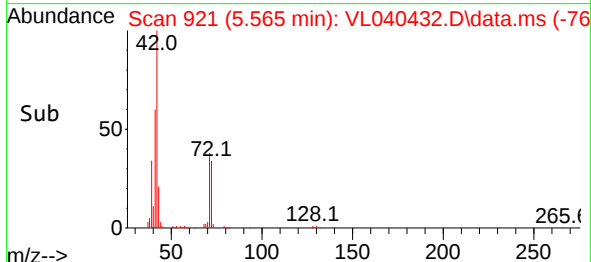
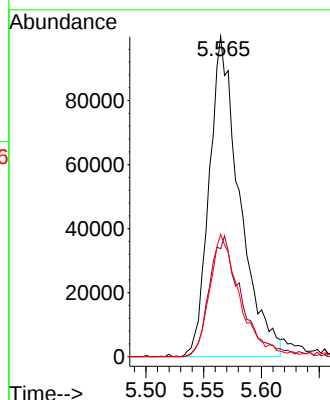
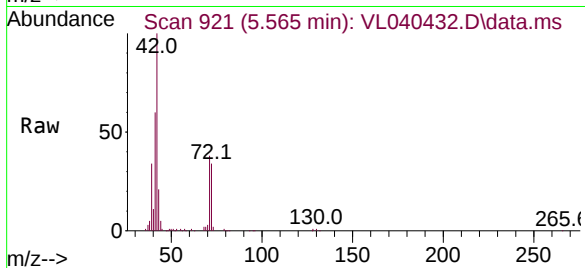
Tgt Ion: 42 Resp: 183288

Ion Ratio Lower Upper

42 100

72 40.8 33.0 49.4

71 38.6 32.2 48.2



#42

Bromodichloromethane

Concen: 2.109 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

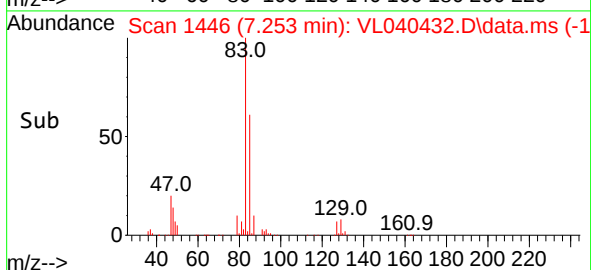
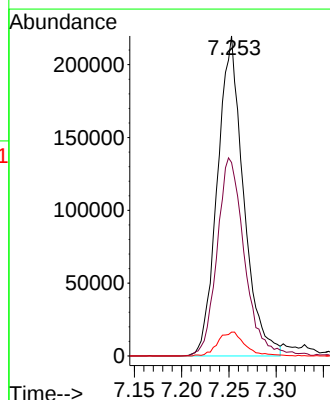
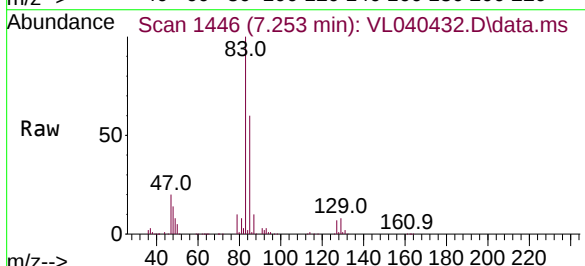
Tgt Ion: 83 Resp: 422591

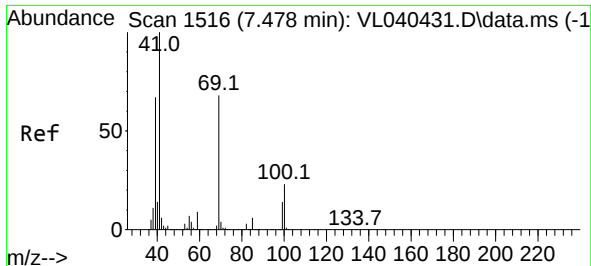
Ion Ratio Lower Upper

83 100

85 60.5 53.6 80.4

127 7.5 5.9 8.9

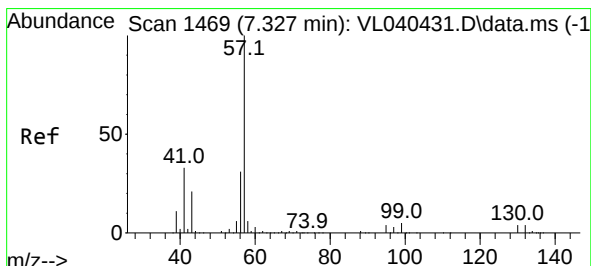
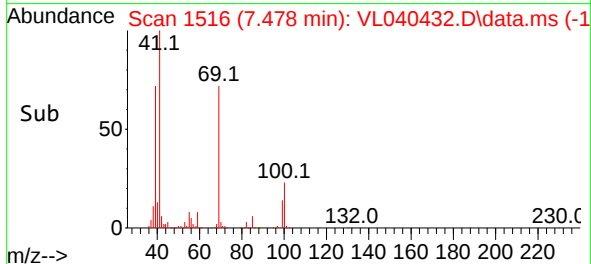
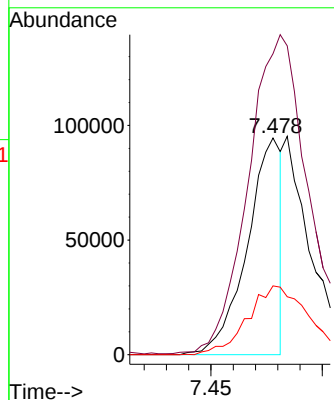
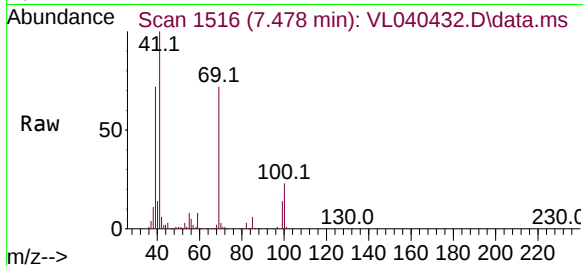




#43
Methyl Methacrylate
Concen: 1.205 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

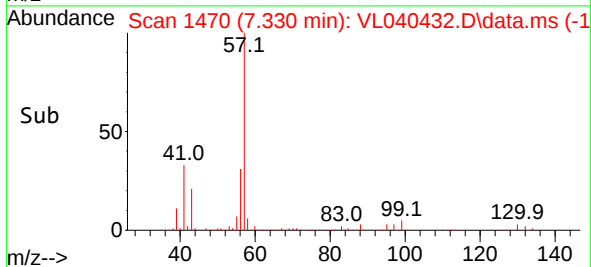
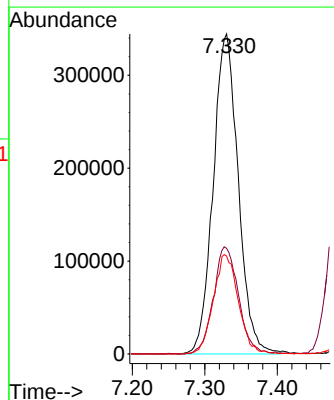
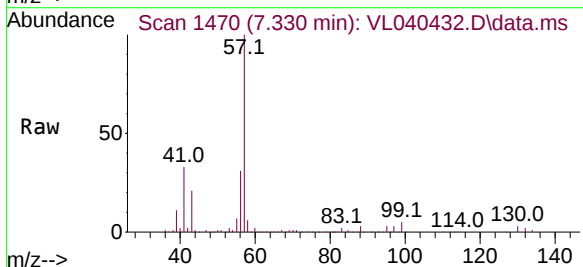
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

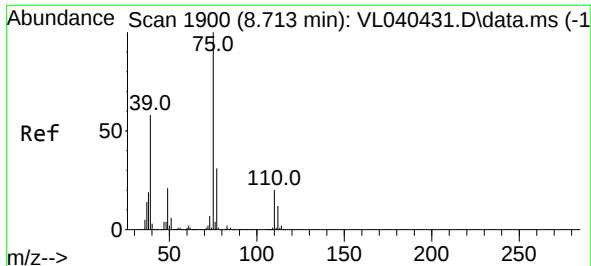
Tgt Ion: 69 Resp: 101006
Ion Ratio Lower Upper
69 100
41 0.0 114.8 172.2#
100 58.1 25.4 38.0#



#44
2,2,4-Trimethylpentane
Concen: 2.207 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 57 Resp: 827160
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.4
56 31.0 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 1.955 ppbv

RT: 8.716 min Scan# 1900

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

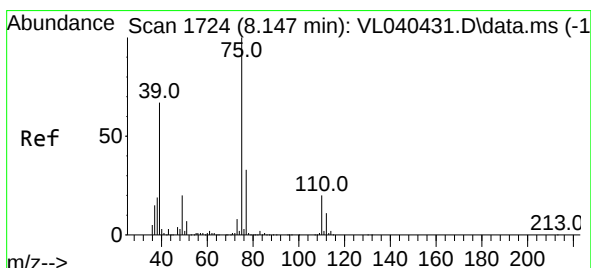
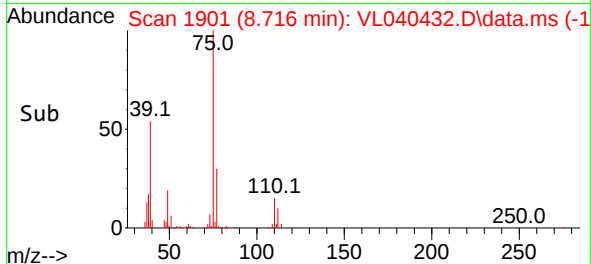
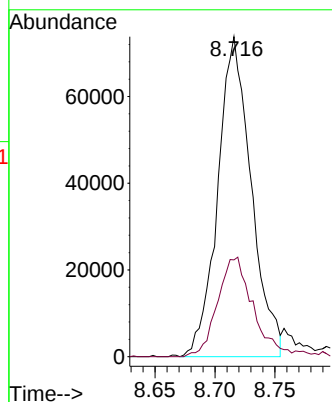
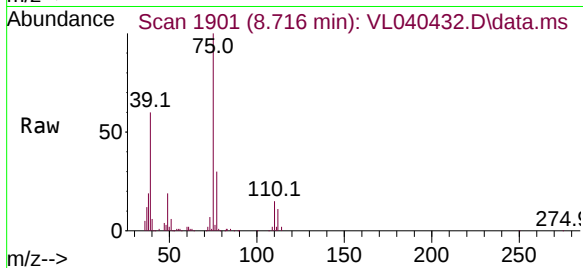
VSTDIC002

Tgt Ion: 75 Resp: 143500

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6



#46

cis-1,3-Dichloropropene

Concen: 2.041 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

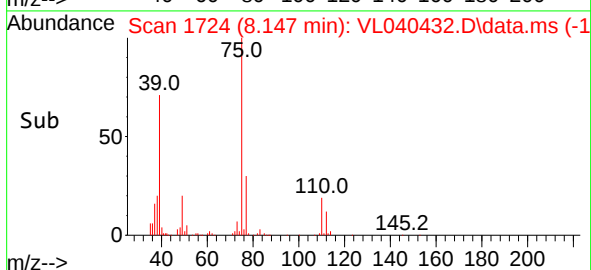
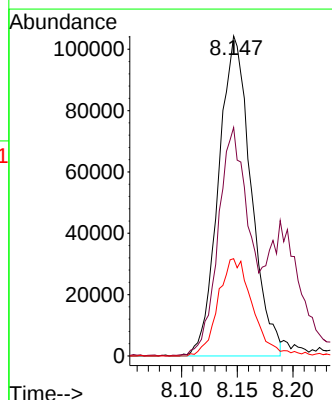
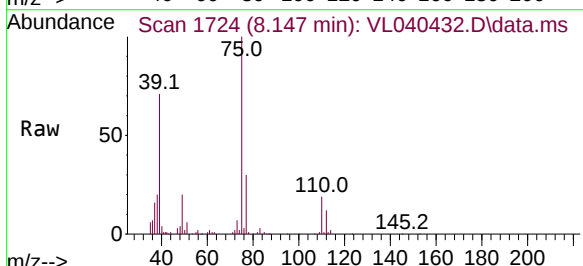
Tgt Ion: 75 Resp: 211749

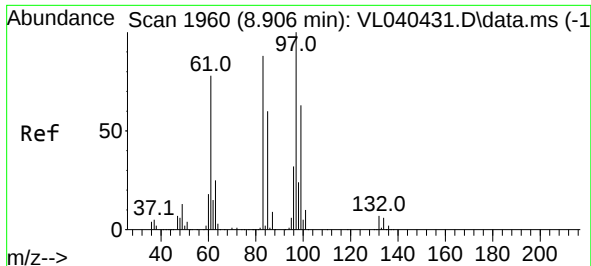
Ion Ratio Lower Upper

75 100

39 71.0 53.8 80.8

77 30.4 26.3 39.5





#47

1,1,2-Trichloroethane

Concen: 2.064 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 199878

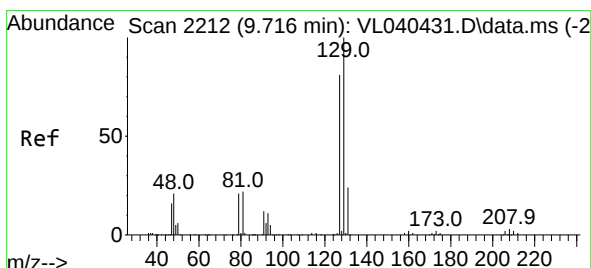
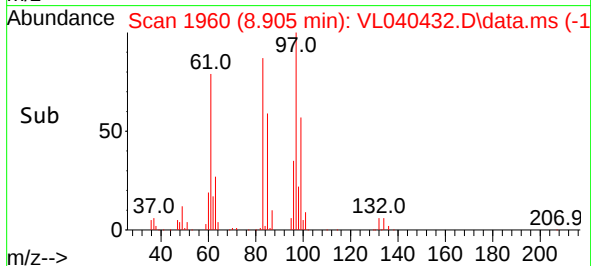
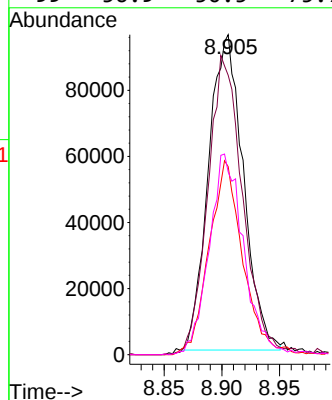
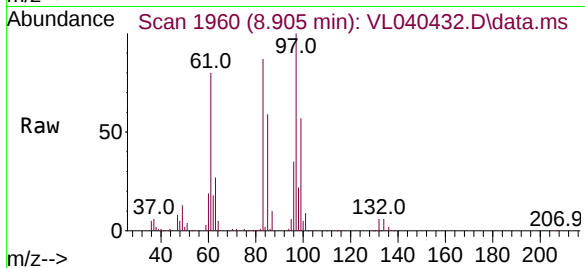
Ion Ratio Lower Upper

97 100

83 87.9 70.3 105.5

85 58.2 47.7 71.5

99 56.9 50.5 75.7



#48

Dibromochloromethane

Concen: 2.131 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.016 min

Lab File: VL040432.D

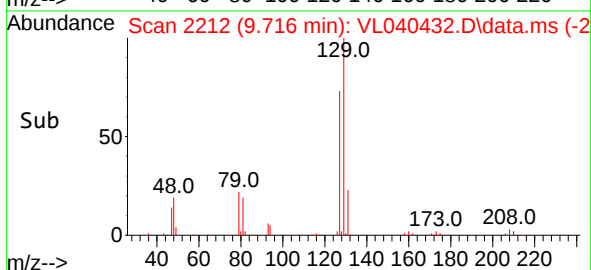
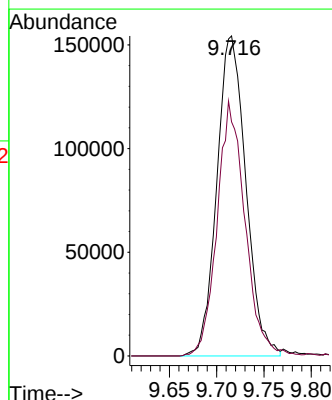
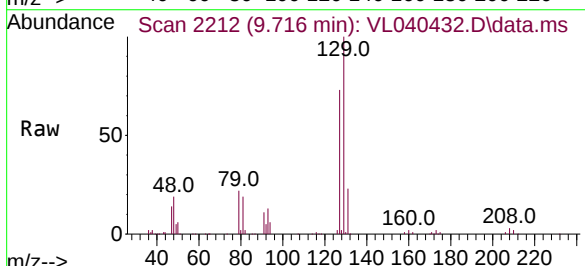
Acq: 16 May 2023 10:15

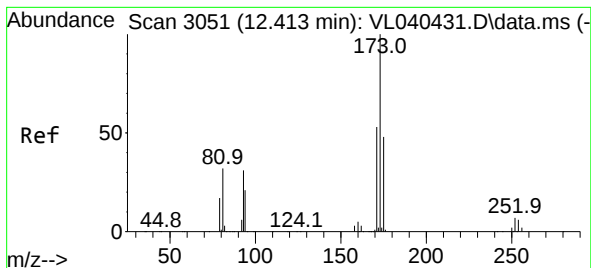
Tgt Ion: 129 Resp: 329580

Ion Ratio Lower Upper

129 100

127 76.8 39.2 117.6





#49

Bromoform

Concen: 2.106 ppbv

RT: 12.417 min Scan# 3051

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

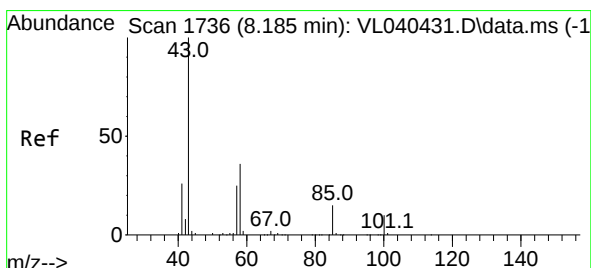
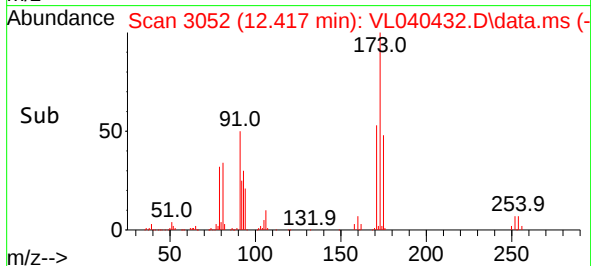
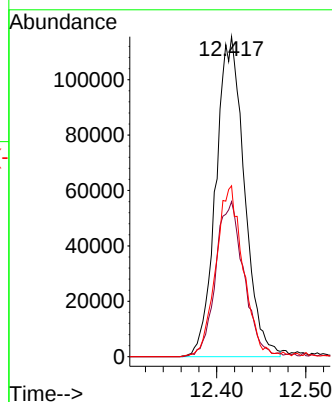
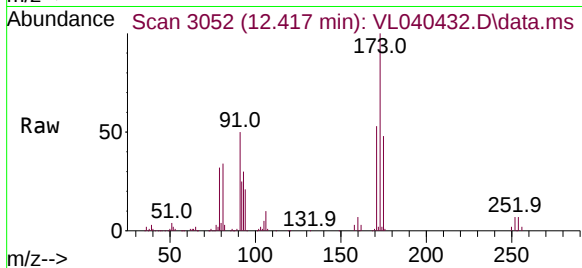
Tgt Ion:173 Resp: 257050

Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.2

171 52.1 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 2.153 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. -0.010 min

Lab File: VL040432.D

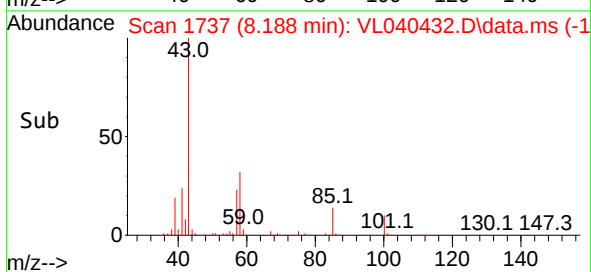
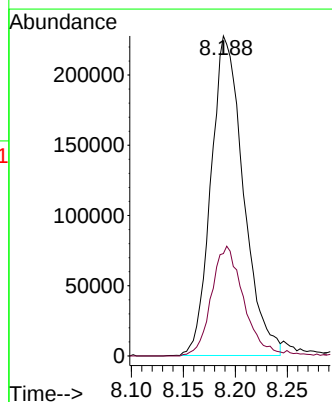
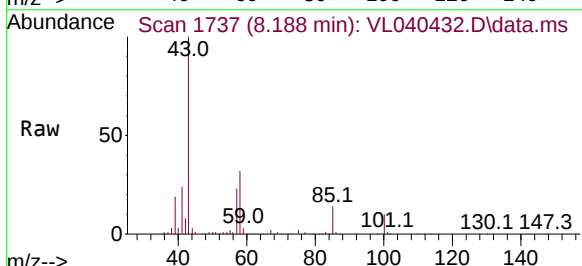
Acq: 16 May 2023 10:15

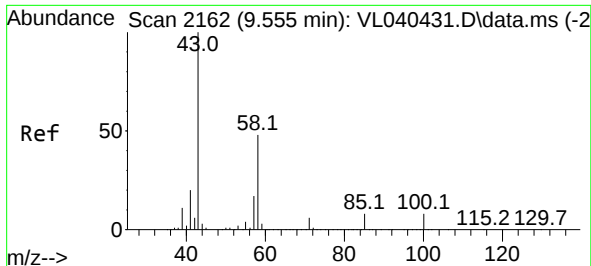
Tgt Ion: 43 Resp: 493763

Ion Ratio Lower Upper

43 100

58 34.7 28.8 43.2

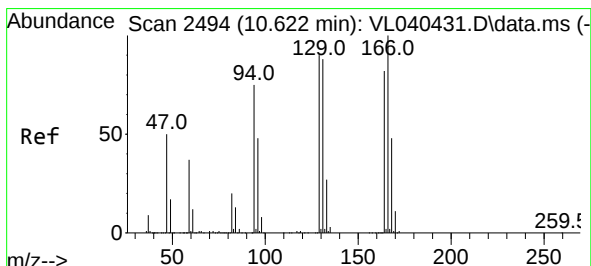
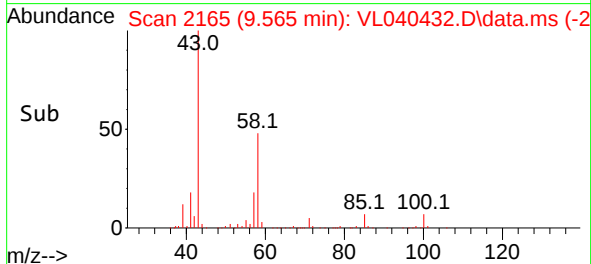
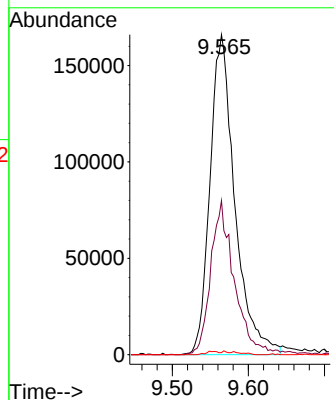
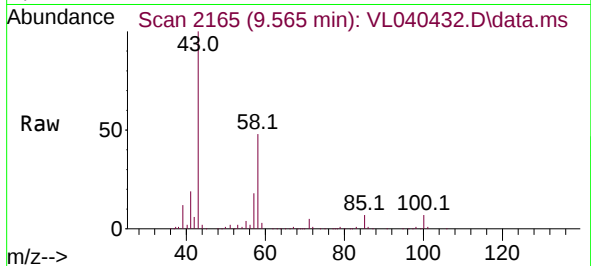




#51
2-Hexanone
Concen: 2.227 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

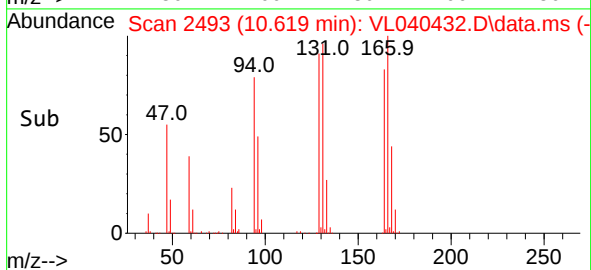
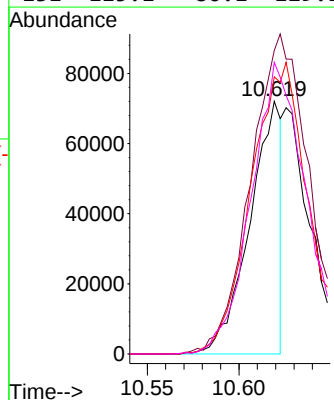
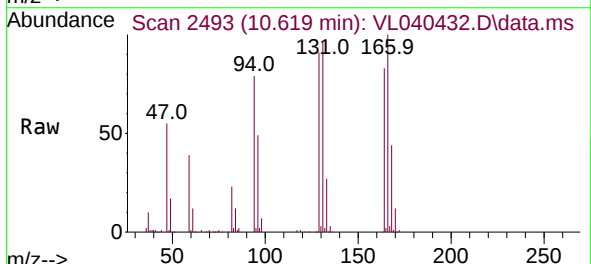
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

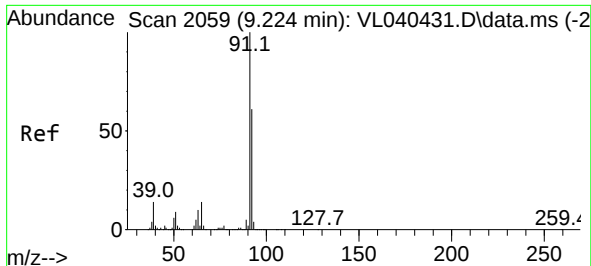
Tgt Ion: 43 Resp: 376243
Ion Ratio Lower Upper
43 100
58 46.3 38.5 57.7
98 1.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 1.118 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.019 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 164 Resp: 86017
Ion Ratio Lower Upper
164 100
166 120.1 97.8 146.6
129 109.7 88.4 132.6
131 115.1 86.1 129.1

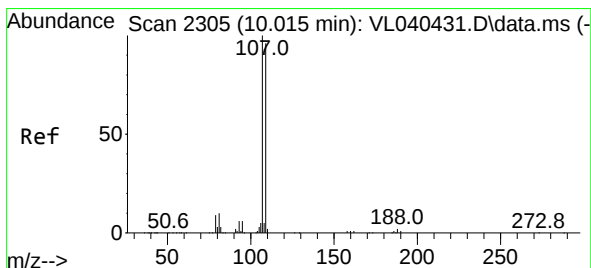
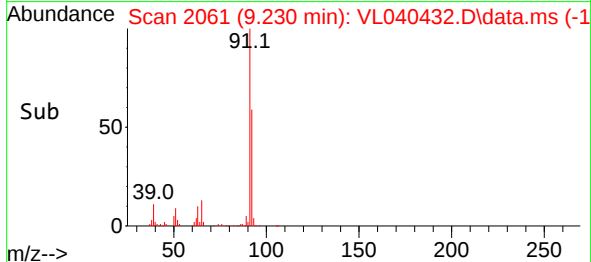
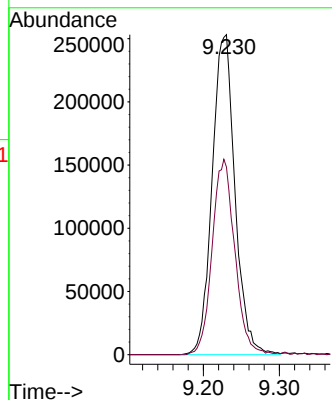
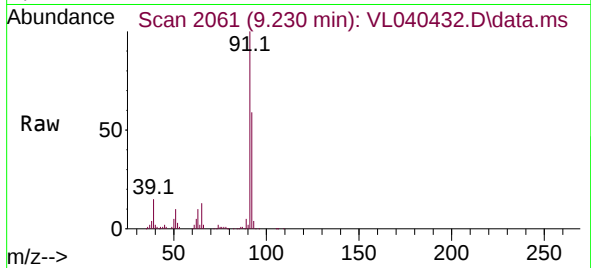




#53
Toluene
Concen: 2.208 ppbv
RT: 9.230 min Scan# 2059
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

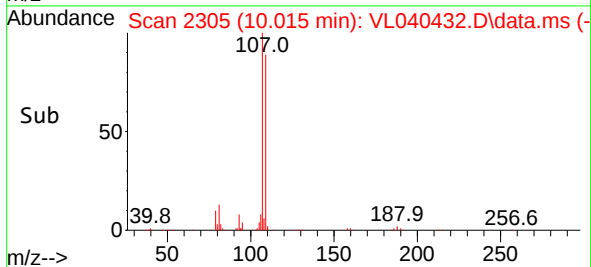
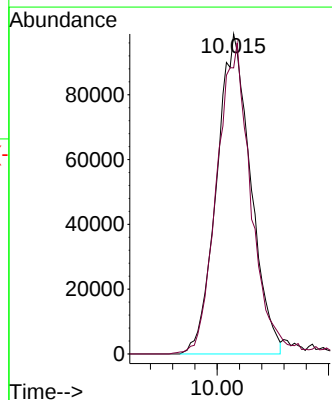
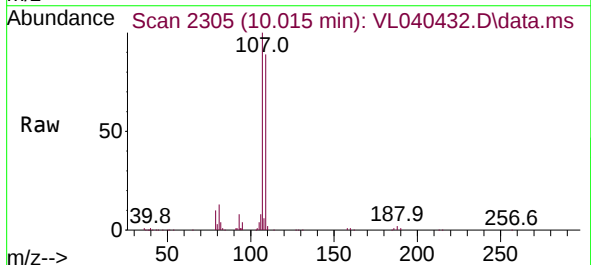
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

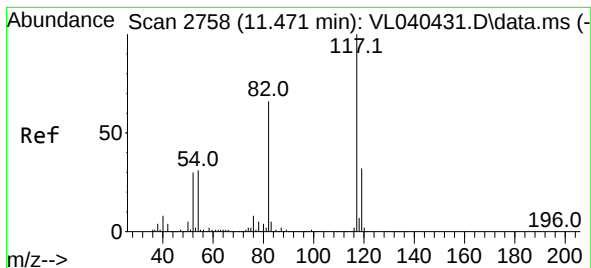
Tgt Ion: 91 Resp: 528307
Ion Ratio Lower Upper
91 100
92 60.5 49.1 73.7



#54
1,2-Dibromoethane
Concen: 2.166 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 107 Resp: 209575
Ion Ratio Lower Upper
107 100
109 88.8 76.7 115.1

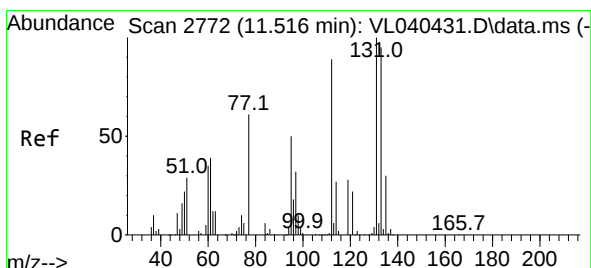
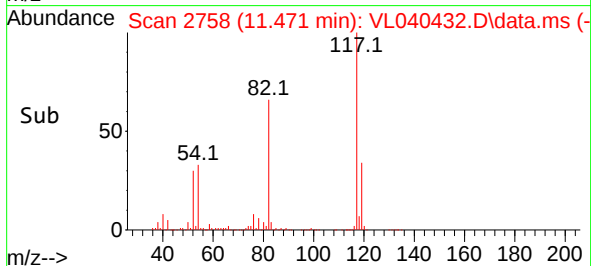
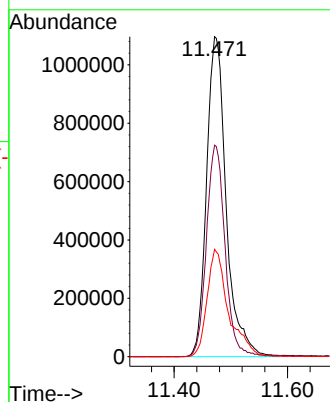
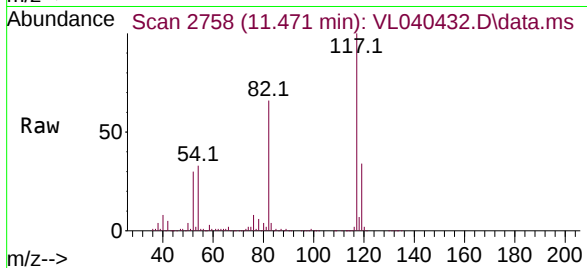




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.019 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

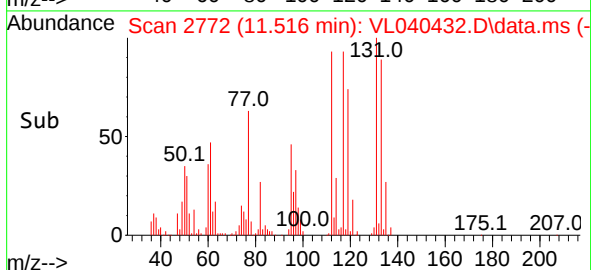
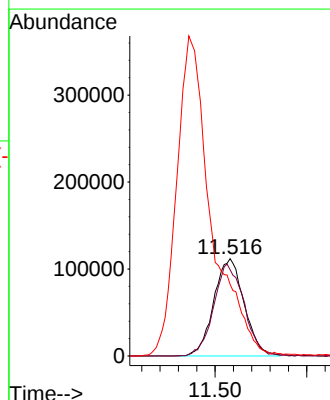
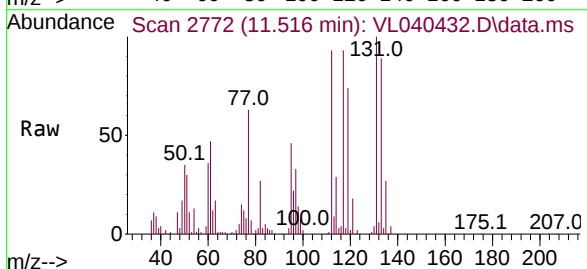
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

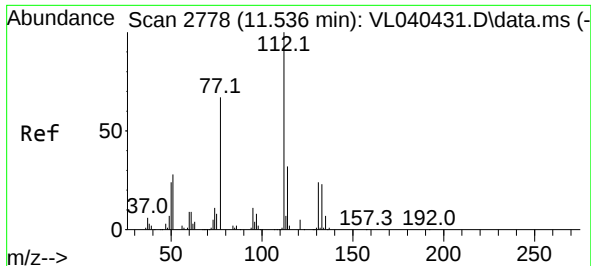
Tgt Ion:117 Resp: 2637741
Ion Ratio Lower Upper
117 100
82 63.2 52.5 78.7
119 36.7 24.0 36.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 2.102 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:131 Resp: 256741
Ion Ratio Lower Upper
131 100
133 94.1 75.8 113.8
119 376.7 48.7 73.1#





#57

Chlorobenzene

Concen: 2.019 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

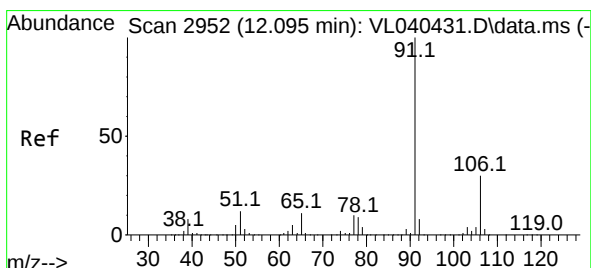
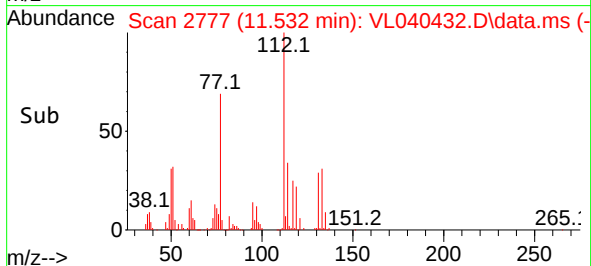
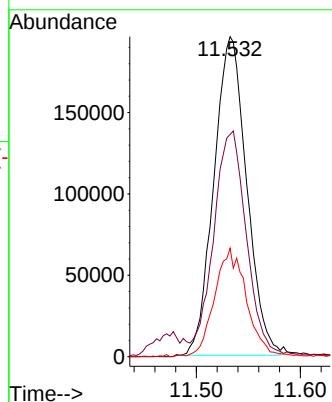
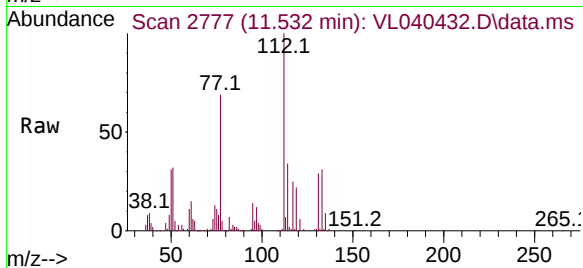
Tgt Ion:112 Resp: 428763

Ion Ratio Lower Upper

112 100

77 68.1 54.7 82.1

114 33.6 29.0 35.4



#58

Ethyl Benzene

Concen: 2.146 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. -0.016 min

Lab File: VL040432.D

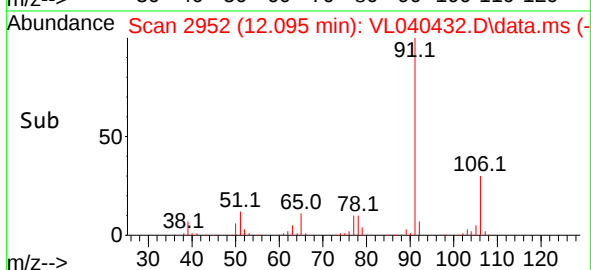
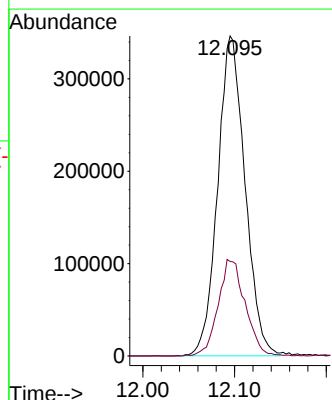
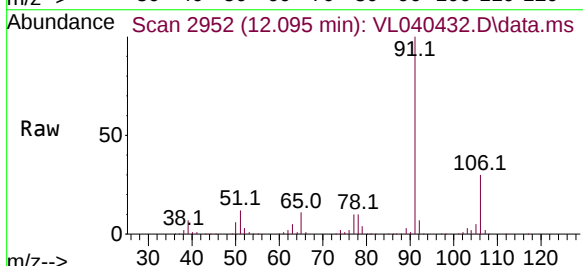
Acq: 16 May 2023 10:15

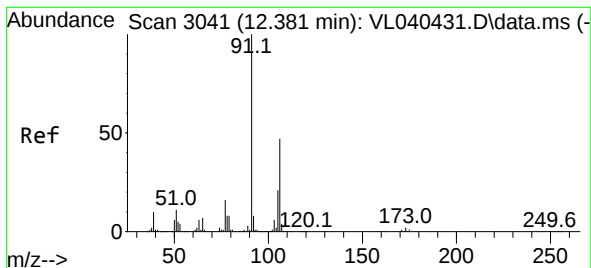
Tgt Ion: 91 Resp: 716366

Ion Ratio Lower Upper

91 100

106 29.6 23.8 35.8





#59

m/p-Xylene

Concen: 1.941 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. -0.022 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_1

ClientSampleId :

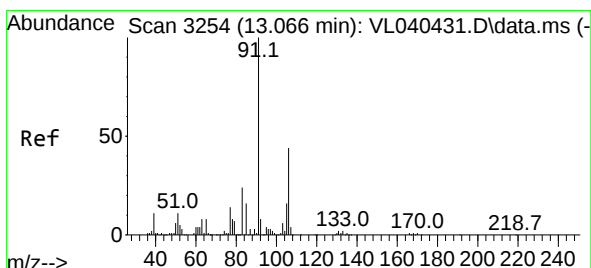
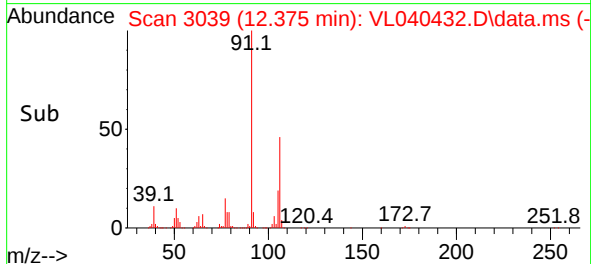
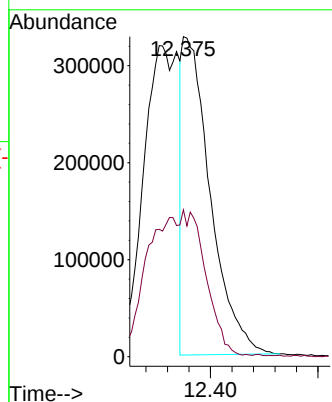
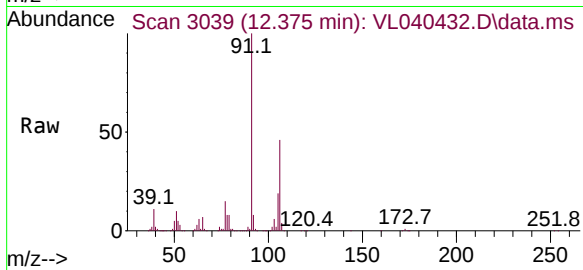
VSTDIC002

Tgt Ion: 91 Resp: 591126

Ion Ratio Lower Upper

91 100

106 94.9 34.9 52.3#



#60

o-Xylene

Concen: 2.164 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.016 min

Lab File: VL040432.D

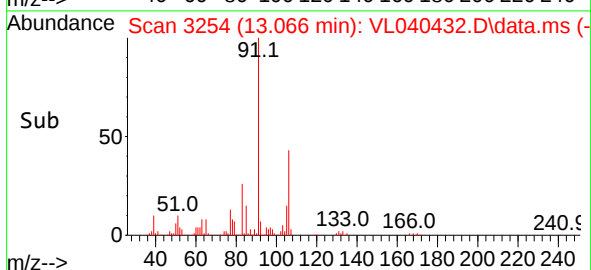
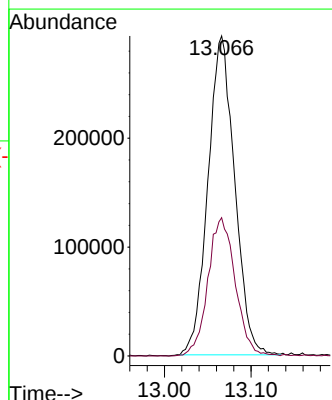
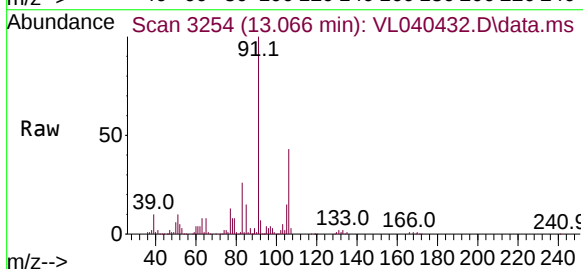
Acq: 16 May 2023 10:15

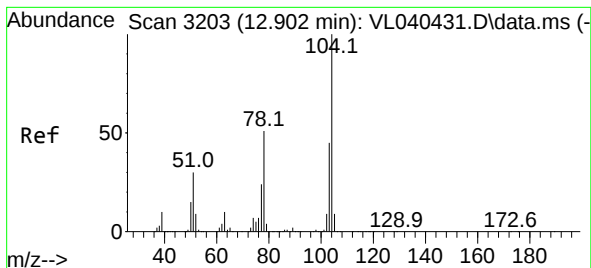
Tgt Ion: 91 Resp: 627066

Ion Ratio Lower Upper

91 100

106 44.7 21.8 65.4





#61

Styrene

Concen: 2.183 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

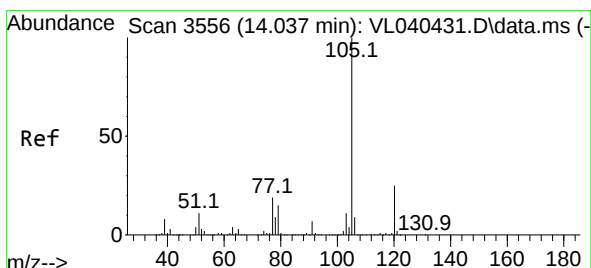
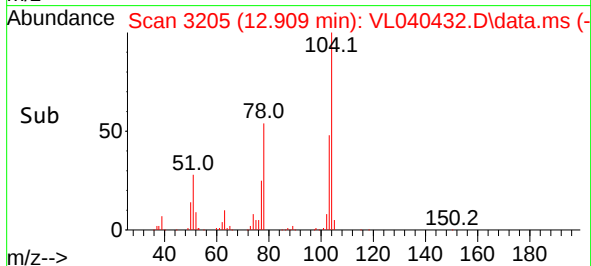
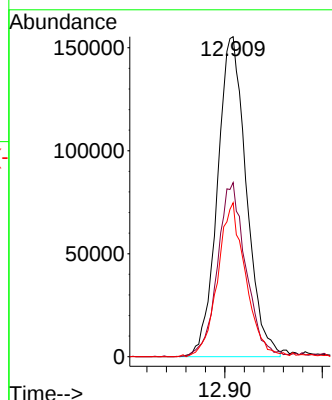
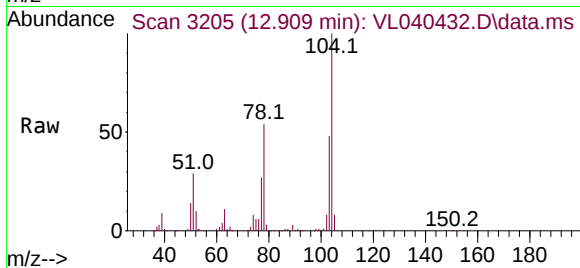
Tgt Ion:104 Resp: 320464

Ion Ratio Lower Upper

104 100

78 53.2 43.3 64.9

103 47.0 37.4 56.2



#62

Isopropylbenzene

Concen: 2.144 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.016 min

Lab File: VL040432.D

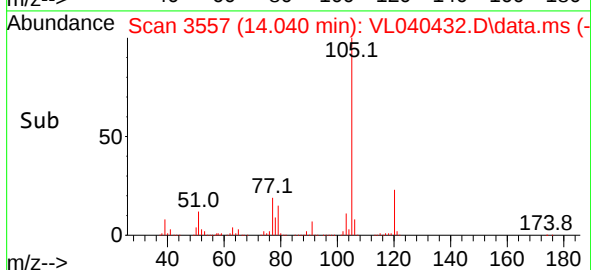
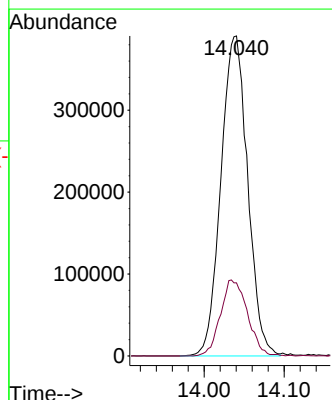
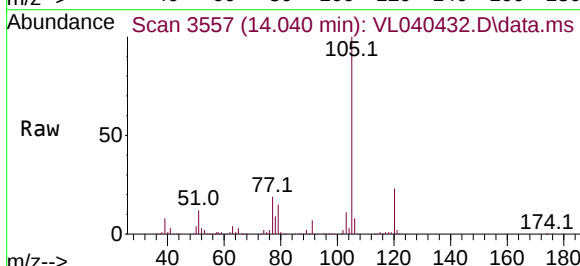
Acq: 16 May 2023 10:15

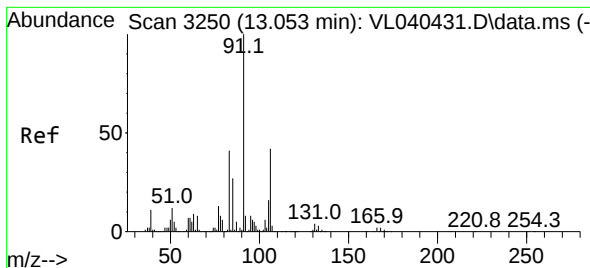
Tgt Ion:105 Resp: 908235

Ion Ratio Lower Upper

105 100

120 24.1 20.0 30.0

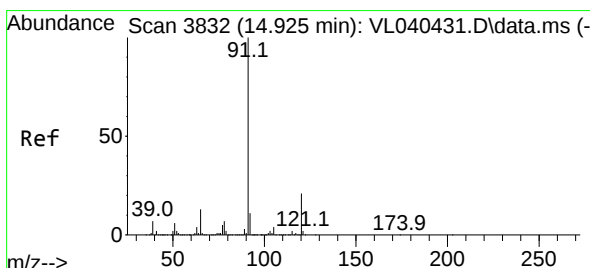
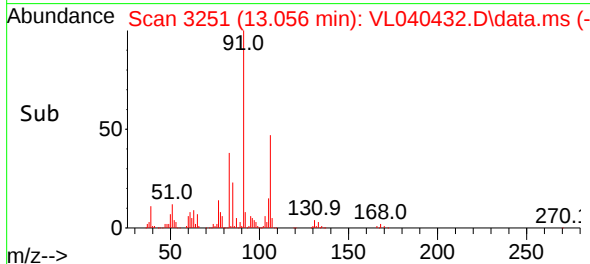
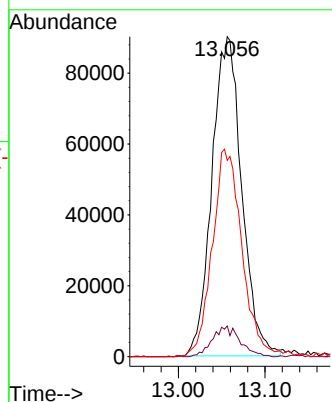
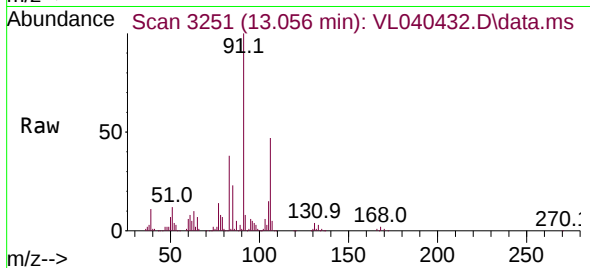




#63
1,1,2,2-Tetrachloroethane
Concen: 2.058 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

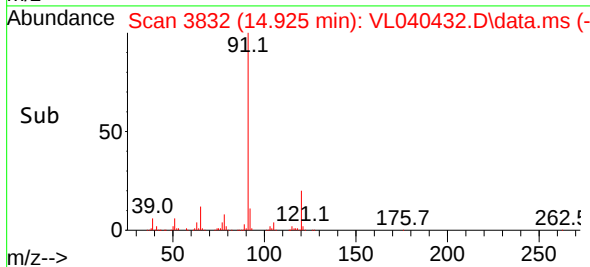
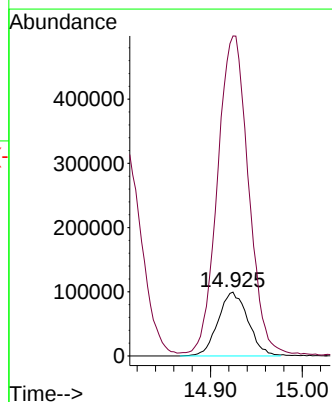
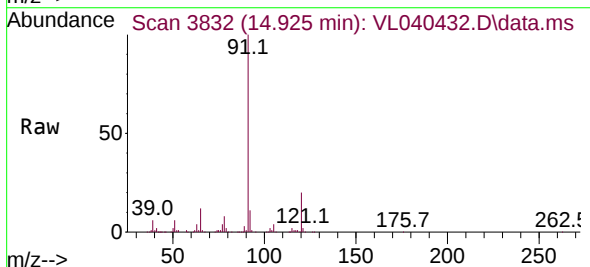
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

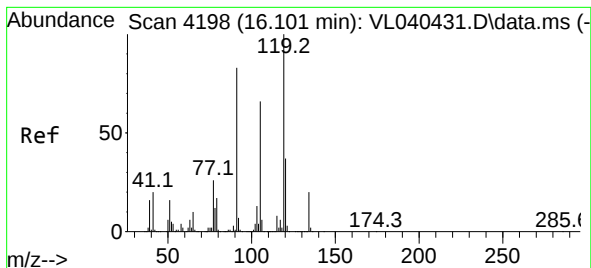
Tgt Ion: 83 Resp: 215120
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 65.0 33.0 99.0



#64
n-propylbenzene
Concen: 2.158 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.019 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 120 Resp: 225478
Ion Ratio Lower Upper
120 100
91 526.2 393.2 589.8





#65

tert-Butylbenzene

Concen: 2.202 ppbv

RT: 16.098 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

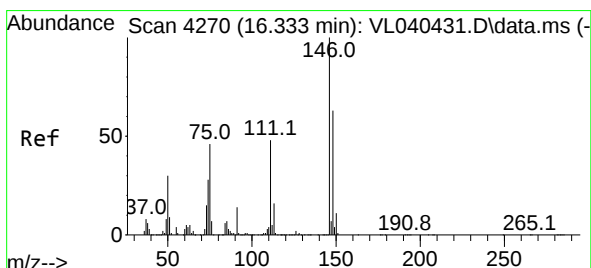
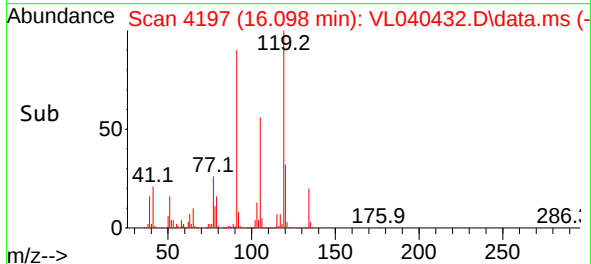
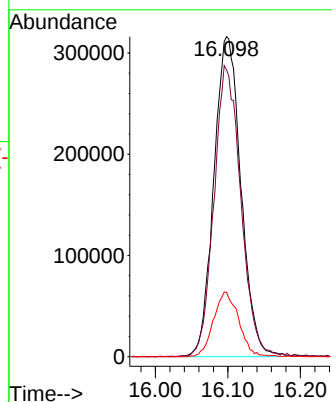
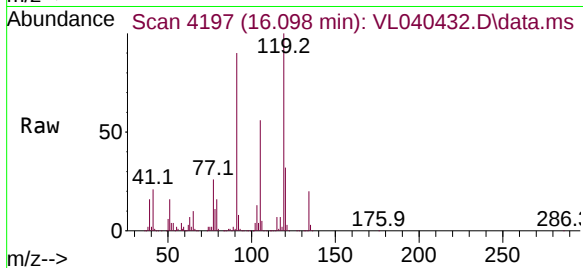
Tgt Ion:119 Resp: 817820

Ion Ratio Lower Upper

119 100

91 90.8 69.8 104.6

134 19.0 15.4 23.2



#66

Benzyl Chloride

Concen: 1.651 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. -0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

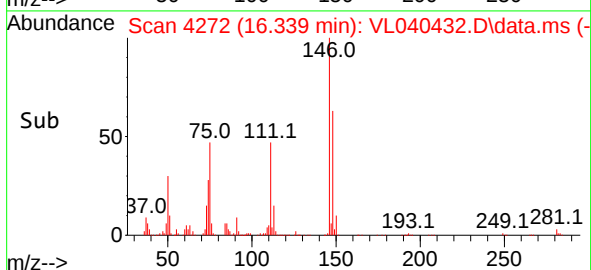
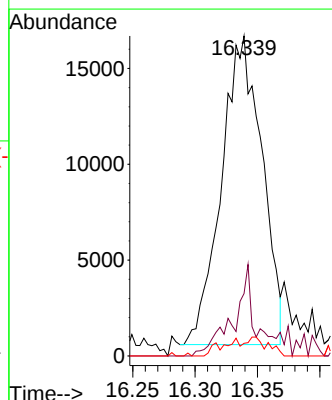
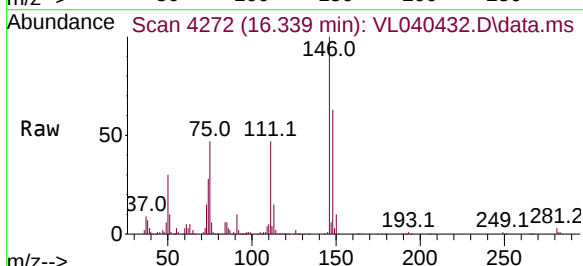
Tgt Ion: 91 Resp: 36392

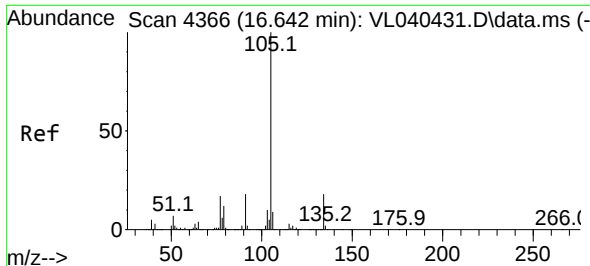
Ion Ratio Lower Upper

91 100

126 20.7 12.6 19.0#

128 5.9 3.9 5.9#

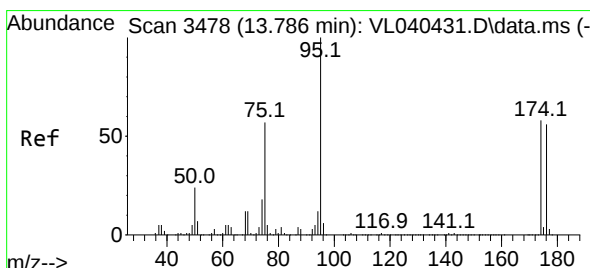
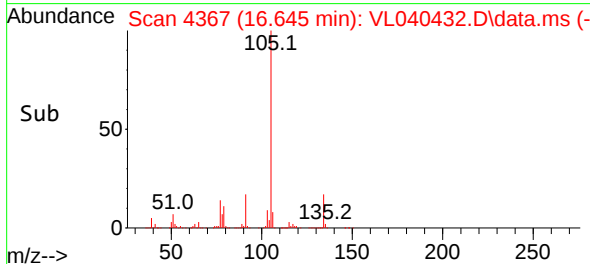
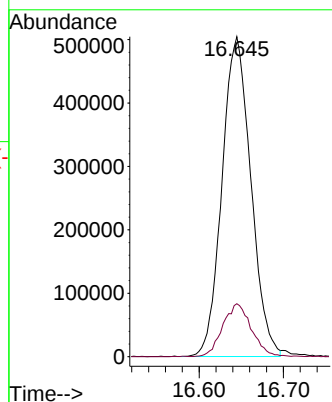
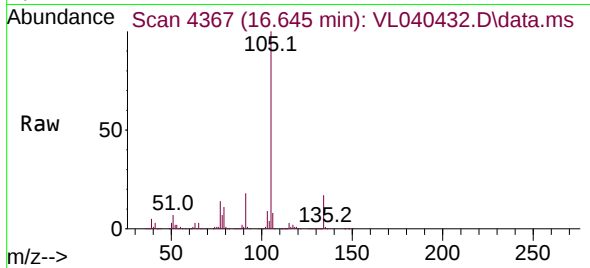




#67
 sec-Butylbenzene
 Concen: 2.241 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

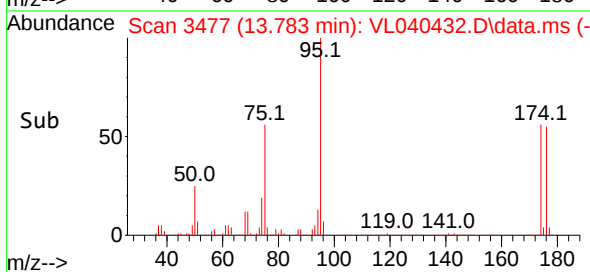
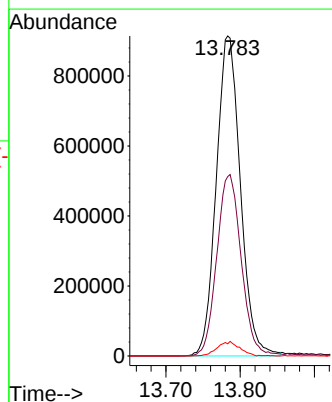
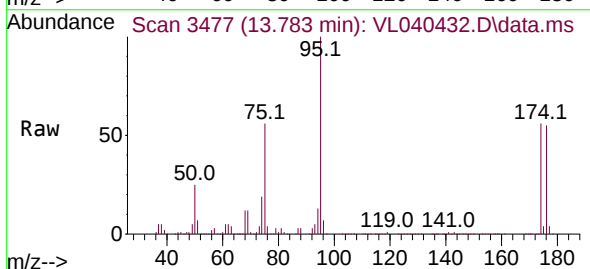
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

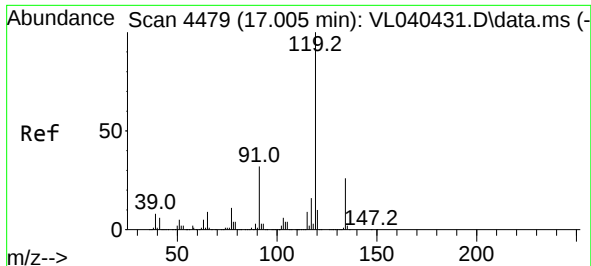
Tgt Ion:105 Resp: 1198721
 Ion Ratio Lower Upper
 105 100
 134 16.6 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.739 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.016 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 95 Resp: 2065540
 Ion Ratio Lower Upper
 95 100
 174 58.3 47.0 70.6
 175 4.3 3.4 5.0

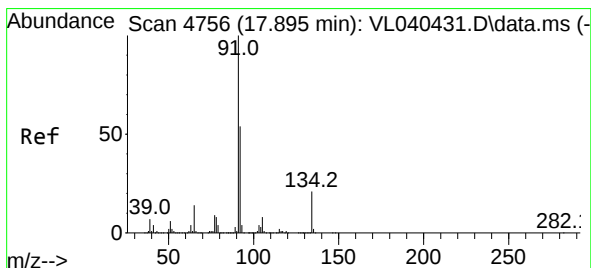
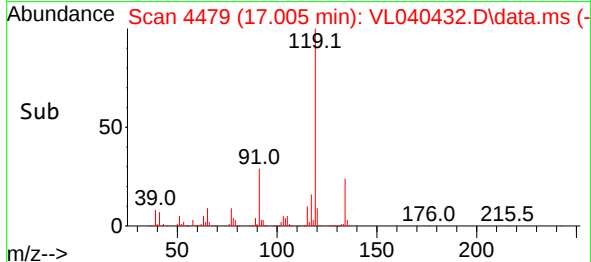
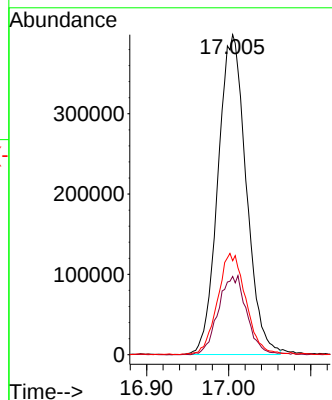
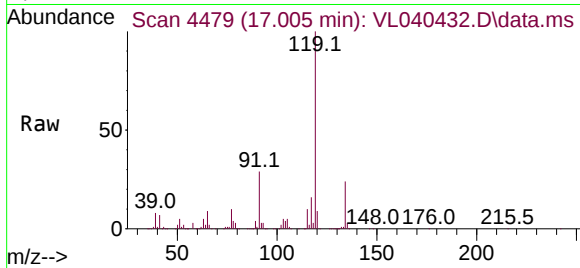




#69
p-Isopropyltoluene
Concen: 2.263 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

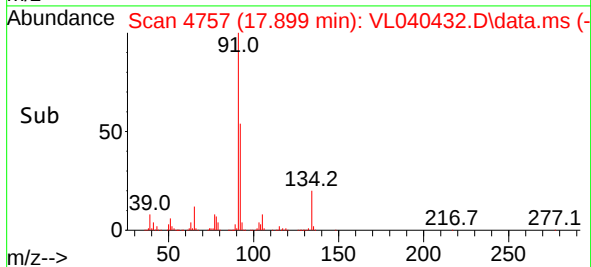
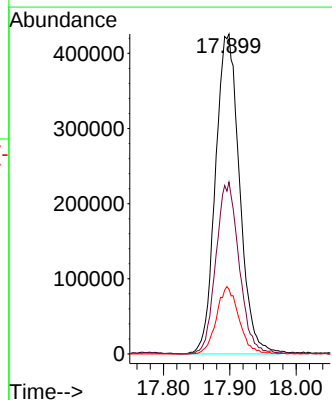
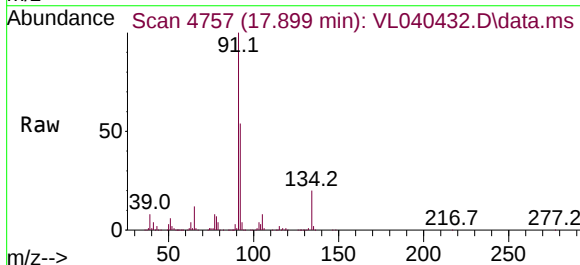
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

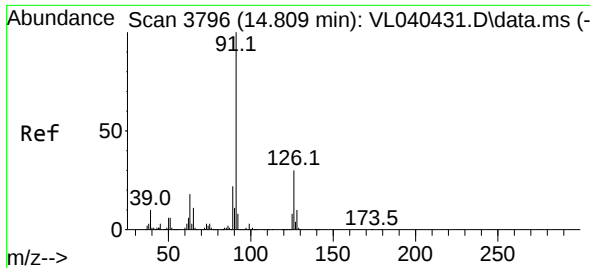
Tgt Ion:119 Resp: 951121
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.4
91 31.9 25.4 38.0



#70
n-Butylbenzene
Concen: 2.292 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 91 Resp: 1073408
Ion Ratio Lower Upper
91 100
92 52.2 43.2 64.8
134 19.8 16.9 25.3

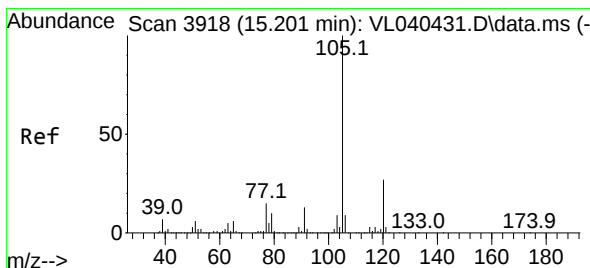
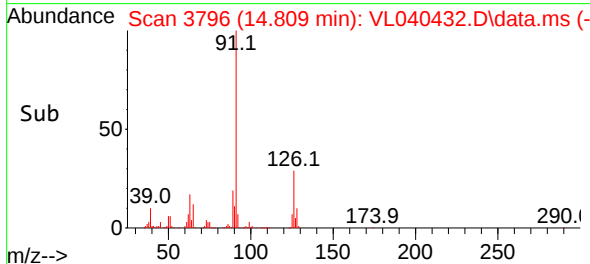
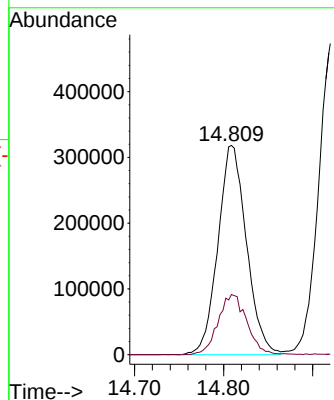
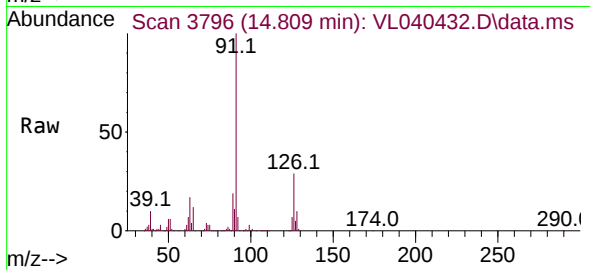




#71
2-Chlorotoluene
Concen: 2.198 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

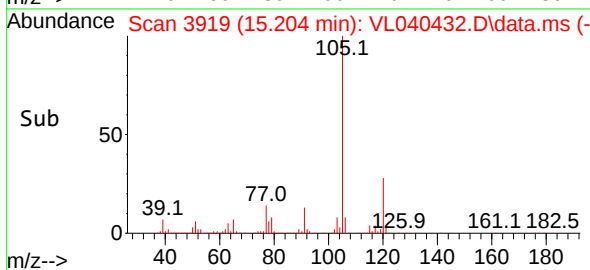
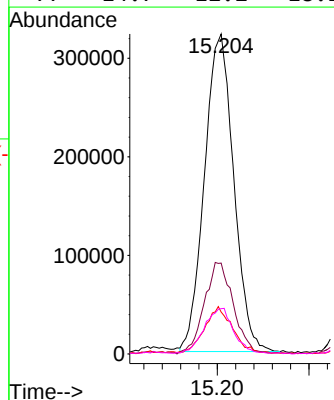
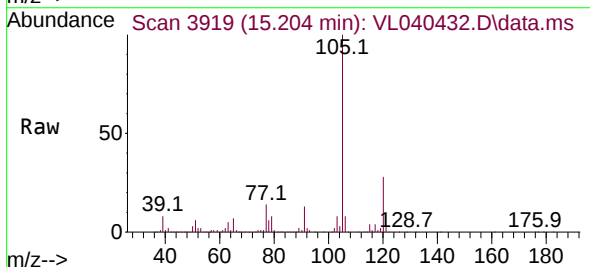
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

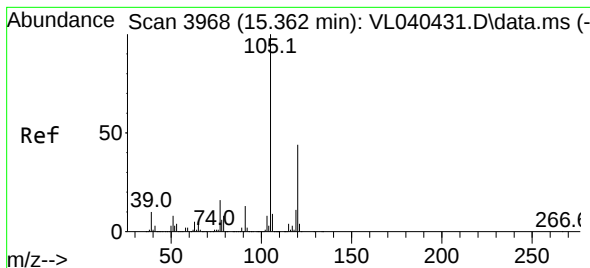
Tgt Ion: 91 Resp: 708229
Ion Ratio Lower Upper
91 100
126 28.9 12.0 48.0



#72
4-Ethyltoluene
Concen: 2.173 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 105 Resp: 714010
Ion Ratio Lower Upper
105 100
120 28.9 23.8 35.8
91 15.0 11.0 16.4
77 14.7 12.2 18.2





#73

1,3,5-Trimethylbenzene

Concen: 2.179 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

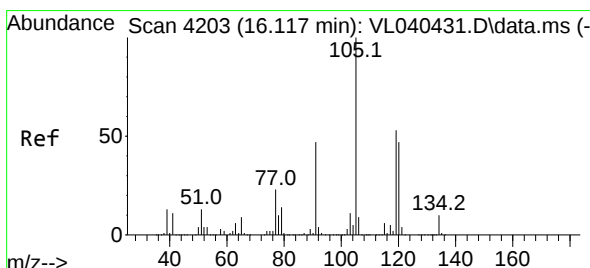
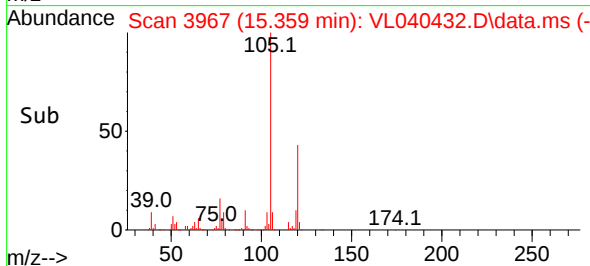
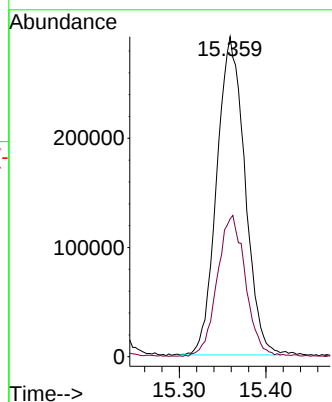
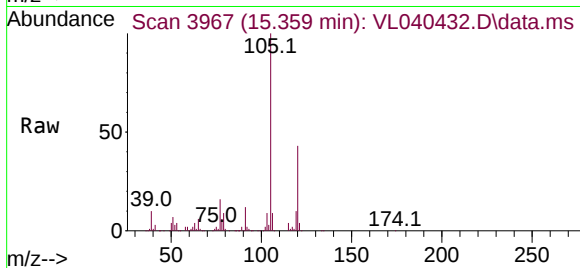
VSTDICC002

Tgt Ion:105 Resp: 657368

Ion Ratio Lower Upper

105 100

120 43.0 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 2.174 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.016 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion:105 Resp: 754409

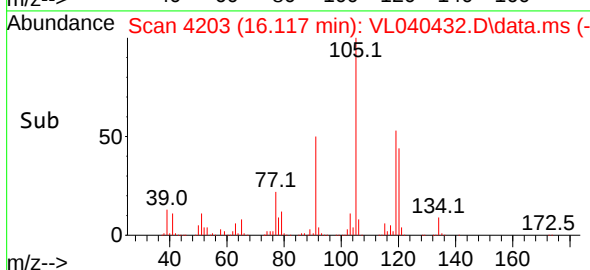
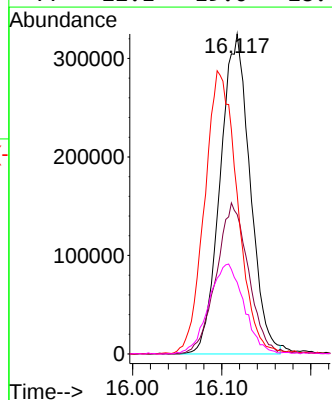
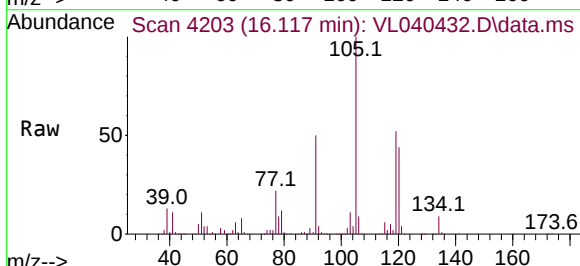
Ion Ratio Lower Upper

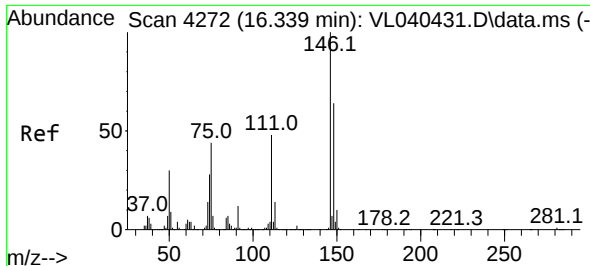
105 100

120 43.4 38.1 57.1

91 49.0 40.2 60.2

77 22.1 19.0 28.4

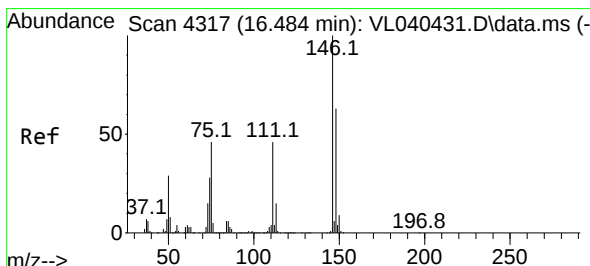
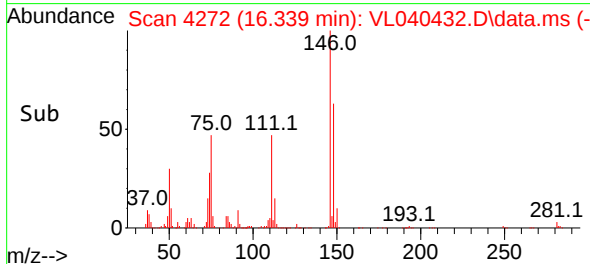
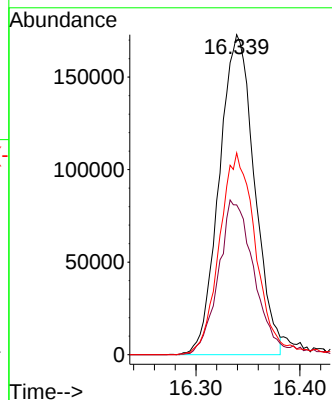
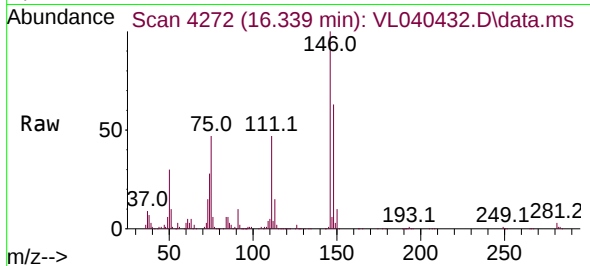




#75
1,3-Dichlorobenzene
Concen: 2.132 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.019 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

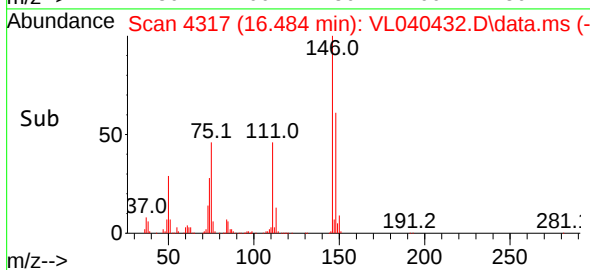
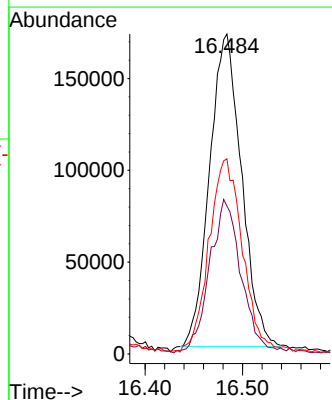
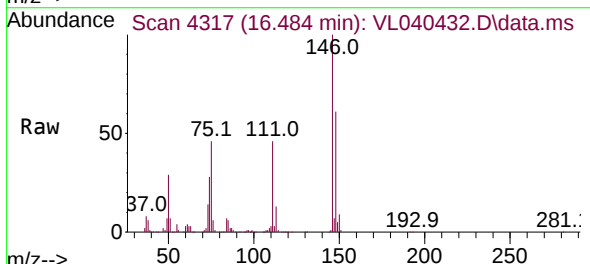
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

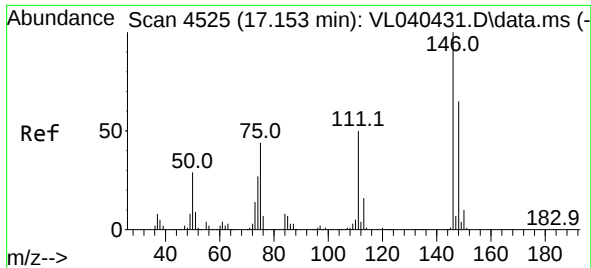
Tgt Ion:146 Resp: 407087
Ion Ratio Lower Upper
146 100
111 49.9 24.6 74.0
148 65.7 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 2.101 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:146 Resp: 387890
Ion Ratio Lower Upper
146 100
111 49.4 24.0 72.0
148 67.9 32.5 97.4

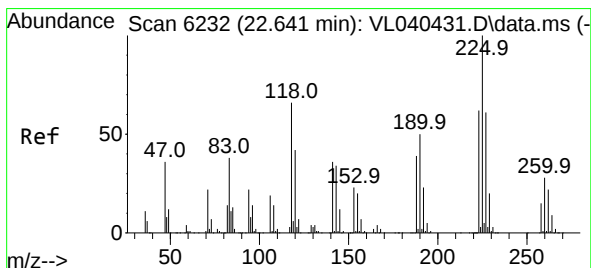
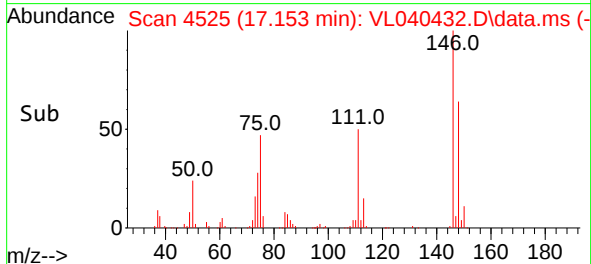
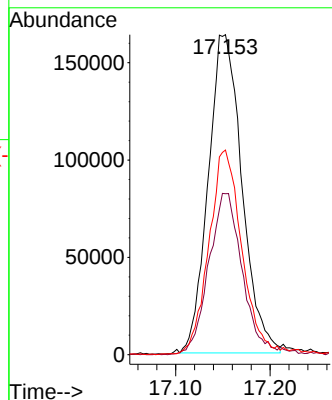
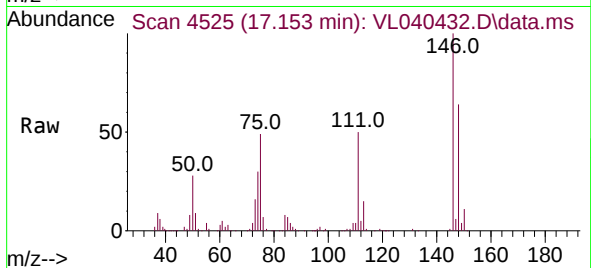




#77
1,2-Dichlorobenzene
Concen: 2.194 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

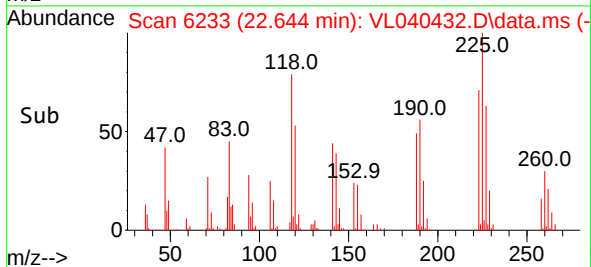
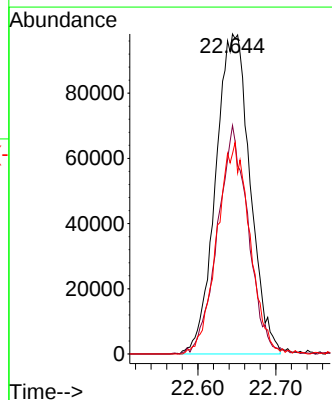
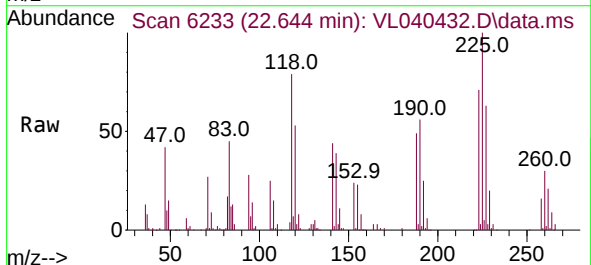
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

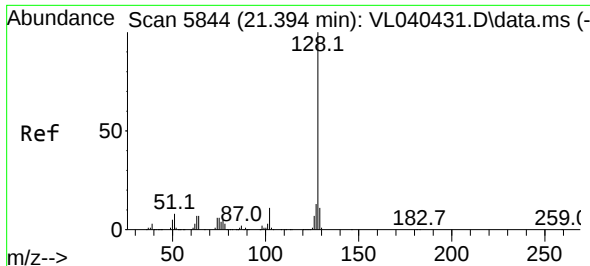
Tgt Ion:146 Resp: 405893
Ion Ratio Lower Upper
146 100
111 51.2 25.2 75.6
148 63.7 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 2.173 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. -0.019 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:225 Resp: 300751
Ion Ratio Lower Upper
225 100
223 63.9 51.2 76.8
227 63.2 51.0 76.6

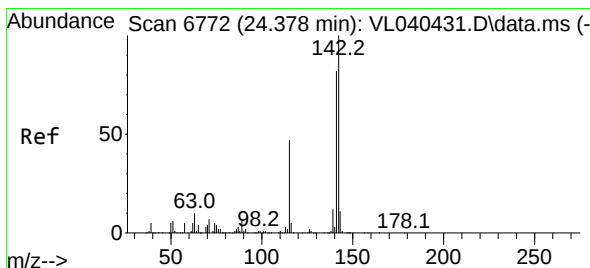
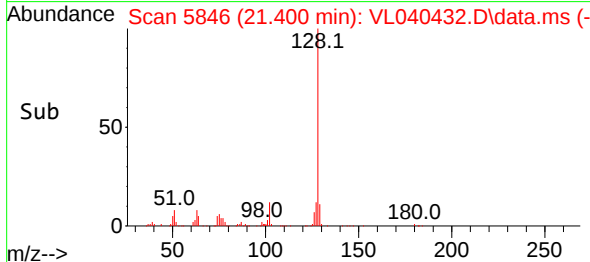
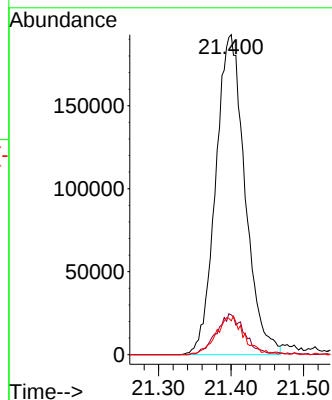
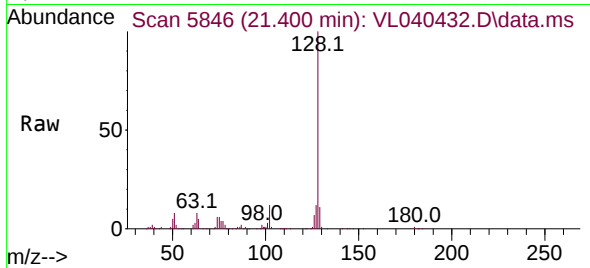




#79
Naphthalene
Concen: 2.579 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. -0.016 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

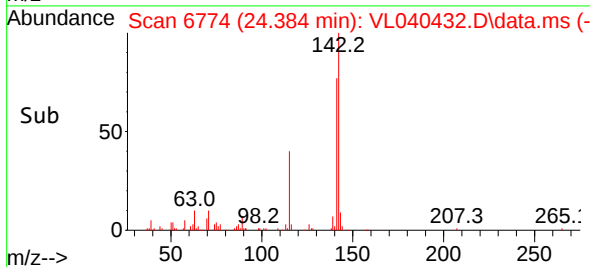
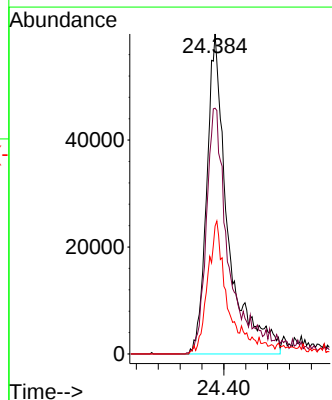
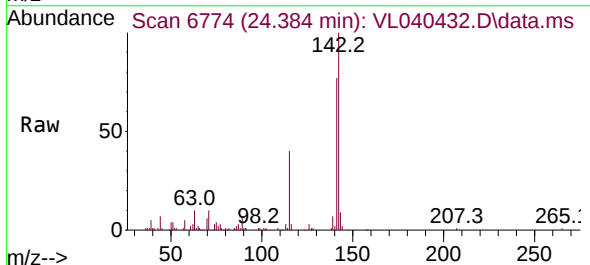
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

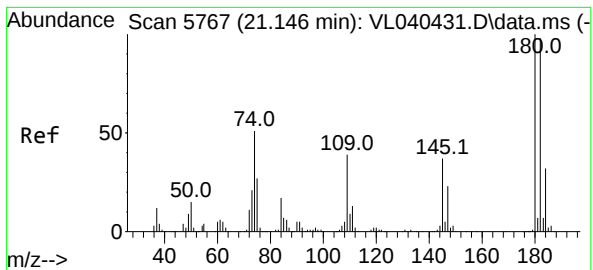
Tgt Ion:128 Resp: 541032
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.6 9.0 13.6



#80
Naphthalene,2-methyl-
Concen: 2.677 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.013 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:142 Resp: 160837
Ion Ratio Lower Upper
142 100
141 84.3 66.2 99.2
115 40.8 36.8 55.2





#81
 1,2,4-Trichlorobenzene
 Concen: 2.257 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.019 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 293117
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.0 115.6
 184 30.6 24.7 37.1

