

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040170.D
 Acq On : 15 Feb 2023 11:09
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Feb 16 05:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1005442	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2617022	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2485017	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1965948	9.621	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	408410	2.179	ppbv	97
3) Chlorodifluoromethane	2.658	51	254574	2.119	ppbv	99
4) Chloromethane	2.796	50	157182	2.083	ppbv	92
5) Vinyl Chloride	2.906	62	138685	2.288	ppbv	96
6) Bromomethane	3.105	94	46559	2.128	ppbv	96
7) Chloroethane	3.182	64	50554	2.103	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	338130	2.094	ppbv	98
9) Propene	2.677	41	104843	2.141	ppbv	99
10) Heptane	7.571	43	255450	2.192	ppbv	100
11) Trichlorofluoromethane	3.549	101	346264	2.059	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	264677	2.134	ppbv	99
13) Ethanol	3.234	45	18962	4.207	ppbv	79
14) Bromoethene	3.353	108	96720	2.033	ppbv	92
15) Acetone	3.459	43	276683	2.286	ppbv	100
16) 1,3-Butadiene	2.970	39	116850	2.114	ppbv	94
17) tert-Butyl alcohol	3.867	59	222959	2.020	ppbv	100
18) 1,1-Dichloroethene	3.867	96	111921	2.077	ppbv	99
19) Isopropyl Alcohol	3.568	45	123204	2.141	ppbv	100
20) Methylene Chloride	3.919	84	154094	2.445	ppbv	92
21) Allyl Chloride	3.986	41	156741	2.111	ppbv	96
22) trans-1,2-Dichloroethene	4.433	96	118519	2.124	ppbv	98
23) Vinyl Acetate	4.620	43	72443	1.972	ppbv #	95
24) 1,1-Dichloroethane	4.552	63	244606	2.130	ppbv	99
25) Ethyl Acetate	5.195	43	506236	2.250	ppbv	99
26) Hexane	5.201	57	213161	2.207	ppbv	98
27) Carbon Disulfide	4.112	76	256630	2.094	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	218632	2.112	ppbv	99
29) Chloroform	5.266	83	357014	2.152	ppbv	96
30) Cyclohexane	6.597	84	166671	2.197	ppbv	97
31) cis-1,2-Dichloroethene	5.066	61	198770	2.166	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	338093	2.169	ppbv	99
34) 2-Butanone	4.777	43	275854	2.137	ppbv	99
35) Carbon Tetrachloride	6.484	117	340086	2.198	ppbv	98
36) Benzene	6.362	78	436316	2.142	ppbv	97
37) 1,2-Dichloroethane	5.796	62	263775	2.071	ppbv	100
38) Trichloroethene	7.285	130	246762	2.199	ppbv	96
39) 1,2-Dichloropropane	7.060	63	169166	2.135	ppbv	95
40) 1,4-Dioxane	7.288	88	24364	0.769	ppbv #	1
41) Tetrahydrofuran	5.558	42	161949	2.165	ppbv	99
42) Bromodichloromethane	7.243	83	370069	2.105	ppbv	96
43) Methyl Methacrylate	7.471	69	162843	2.161	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	736677	2.167	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	135997	2.034	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040170.D
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 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

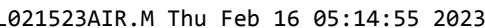
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

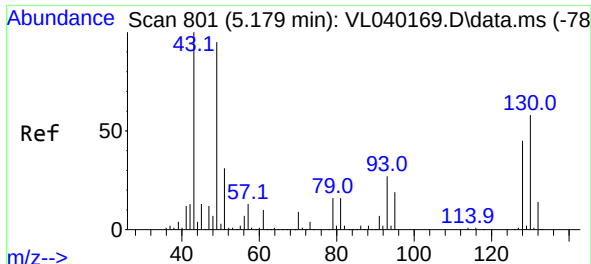
Quant Time: Feb 16 05:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	199328	2.140	ppbv #	90
47) 1,1,2-Trichloroethane	8.896	97	181618	2.119	ppbv	94
48) Dibromochloromethane	9.703	129	289662	2.113	ppbv	100
49) Bromoform	12.401	173	224155	2.095	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	443891	2.215	ppbv	99
51) 2-Hexanone	9.555	43	337491	2.189	ppbv #	99
52) Tetrachloroethene	10.610	164	138217	2.173	ppbv	93
53) Toluene	9.214	91	481154	2.206	ppbv	99
54) 1,2-Dibromoethane	10.005	107	197777	2.218	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	224738	2.154	ppbv #	1
57) Chlorobenzene	11.526	112	382122	2.105	ppbv	97
58) Ethyl Benzene	12.089	91	665284	2.203	ppbv	94
59) m/p-Xylene	12.368	91	564582	2.111	ppbv #	30
60) o-Xylene	13.056	91	561470	2.182	ppbv	99
61) Styrene	12.899	104	297497	2.202	ppbv	99
62) Isopropylbenzene	14.024	105	814700	2.206	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	199936	2.156	ppbv	100
64) n-propylbenzene	14.918	120	95580	1.046	ppbv #	1
65) tert-Butylbenzene	16.092	119	717273	2.234	ppbv	97
66) Benzyl Chloride	16.326	91	7935	0.371	ppbv #	67
67) sec-Butylbenzene	16.635	105	1035822	2.250	ppbv	99
69) p-Isopropyltoluene	16.995	119	835870	2.290	ppbv	100
70) n-Butylbenzene	17.886	91	911996	2.302	ppbv	98
71) 2-Chlorotoluene	14.802	91	624009	2.209	ppbv	99
72) 4-Ethyltoluene	15.191	105	633992	2.229	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	581390	2.197	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	638263	2.195	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	351245	2.208	ppbv	98
76) 1,4-Dichlorobenzene	16.478	146	332006	2.129	ppbv	96
77) 1,2-Dichlorobenzene	17.140	146	195145	1.235	ppbv #	39
78) Hexachloro-1,3-Butadiene	22.635	225	161332	1.486	ppbv #	63
79) Naphthalene	21.387	128	424929	2.602	ppbv	95
80) Naphthalene,2-methyl-	24.387	142	84994	1.830	ppbv	92
81) 1,2,4-Trichlorobenzene	21.146	180	226663	2.218	ppbv	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
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QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

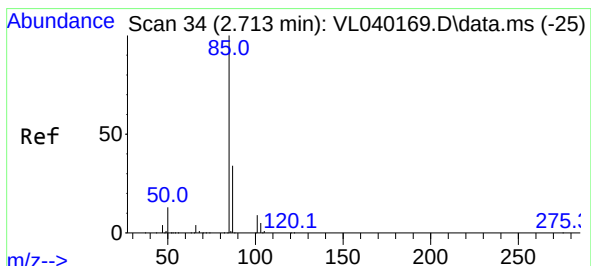
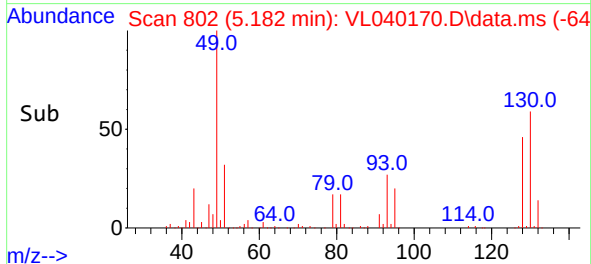
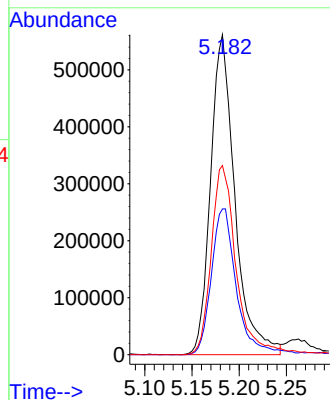
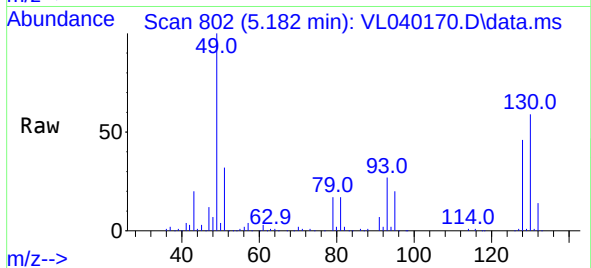




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

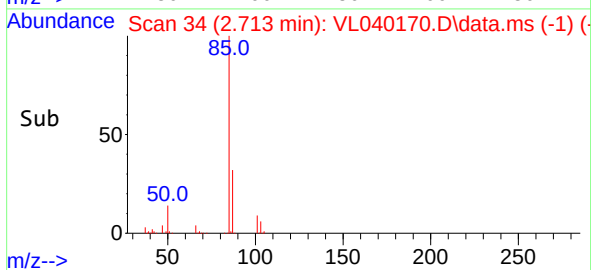
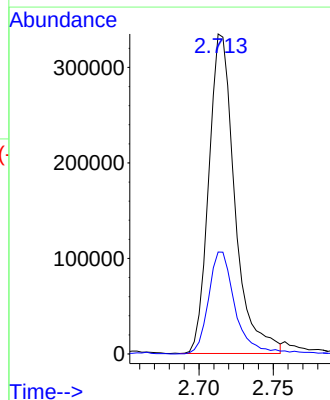
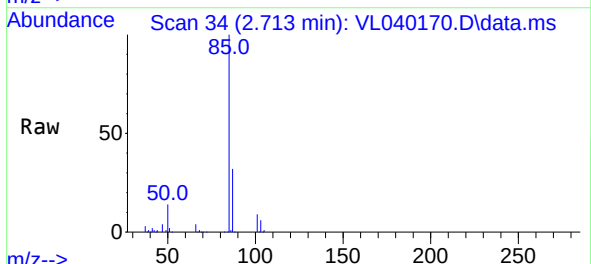
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

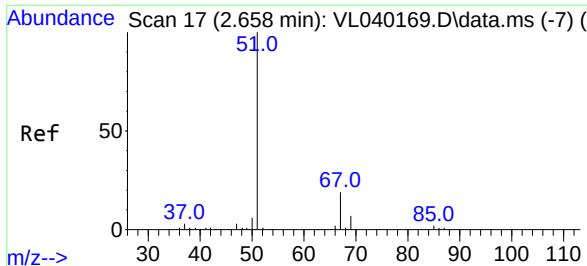
Tgt Ion: 49 Resp: 1005442
Ion Ratio Lower Upper
49 100
128 48.4 24.1 72.3
130 62.0 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 2.179 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 85 Resp: 408410
Ion Ratio Lower Upper
85 100
87 31.8 27.0 40.6

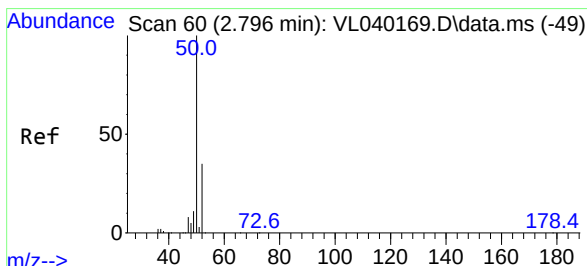
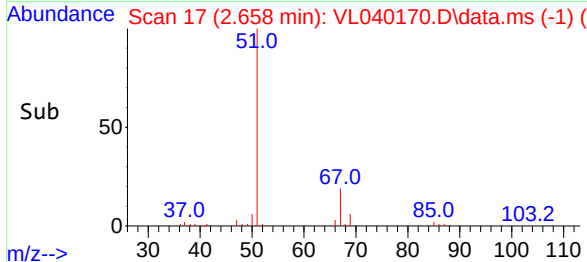
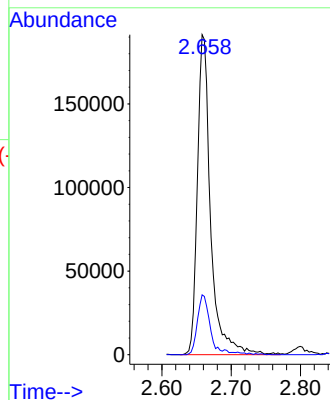
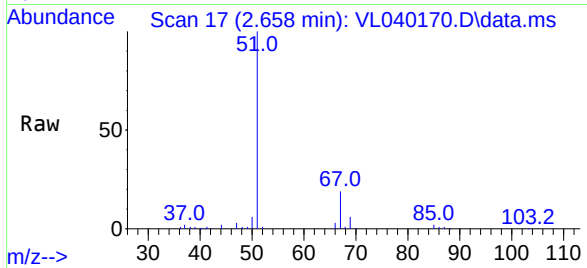




#3
Chlorodifluoromethane
Concen: 2.119 ppbv
RT: 2.658 min Scan# 17
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

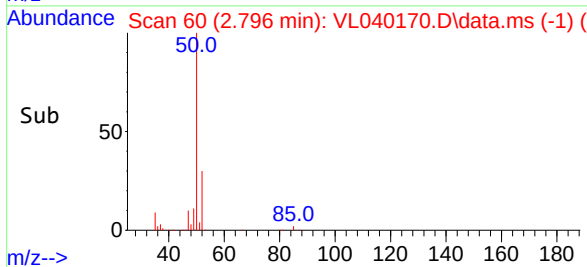
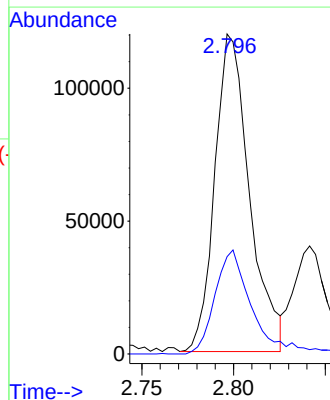
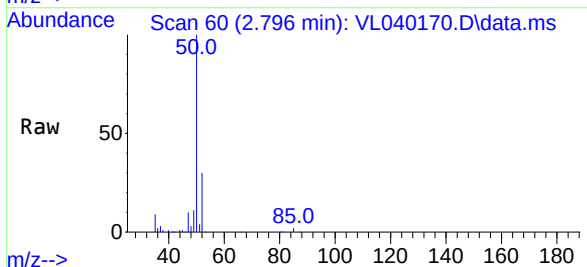
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 51 Resp: 254574
Ion Ratio Lower Upper
51 100
67 18.7 15.4 23.2

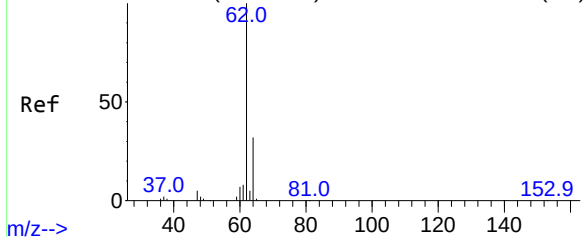


#4
Chloromethane
Concen: 2.083 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 50 Resp: 157182
Ion Ratio Lower Upper
50 100
52 30.6 28.3 42.5



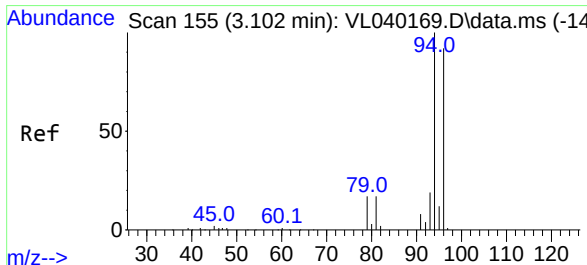
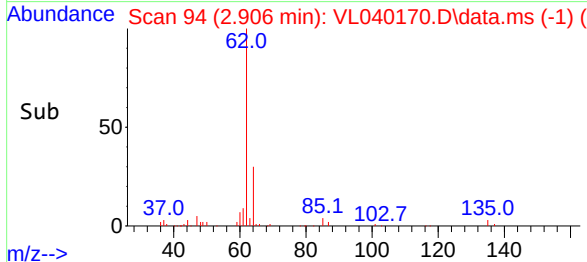
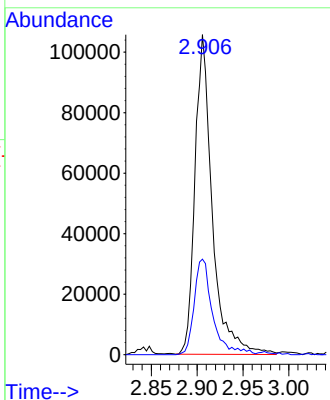
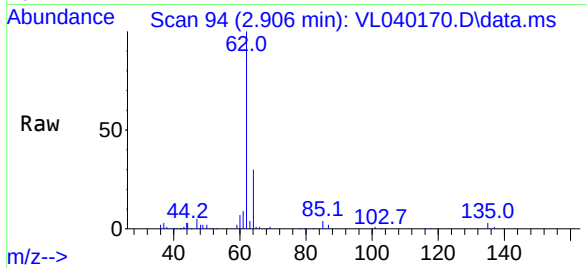
Abundance Scan 93 (2.902 min): VL040169.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 2.288 ppbv
RT: 2.906 min Scan# 94
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

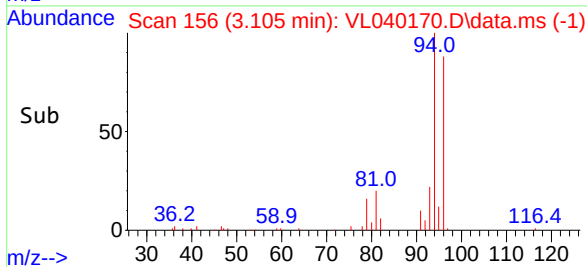
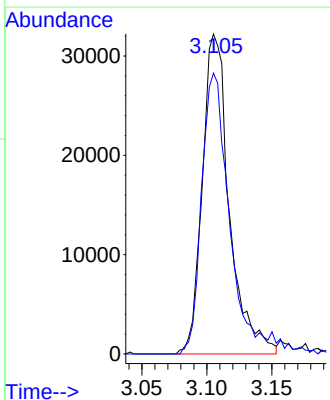
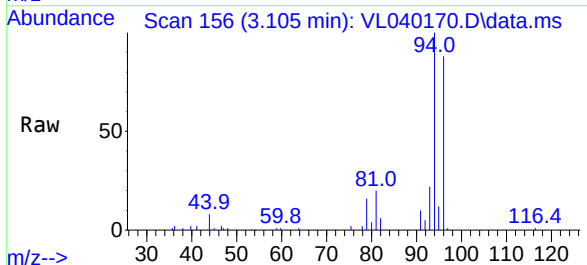
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

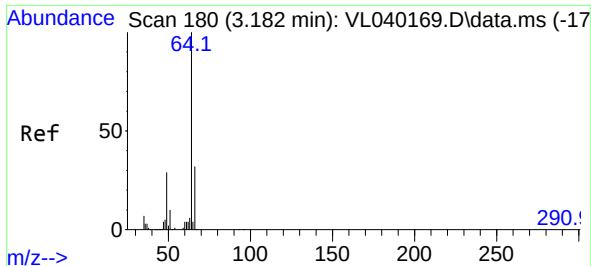
Tgt Ion: 62 Resp: 138685
Ion Ratio Lower Upper
62 100
64 29.9 25.6 38.4



#6
Bromomethane
Concen: 2.128 ppbv
RT: 3.105 min Scan# 156
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 94 Resp: 46559
Ion Ratio Lower Upper
94 100
96 87.8 73.4 110.2

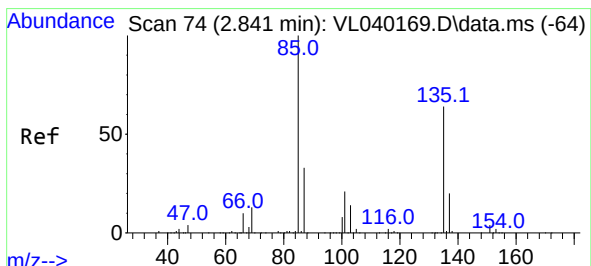
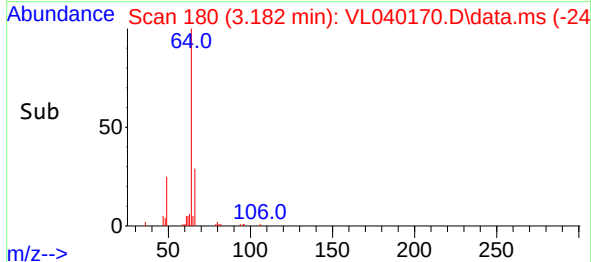
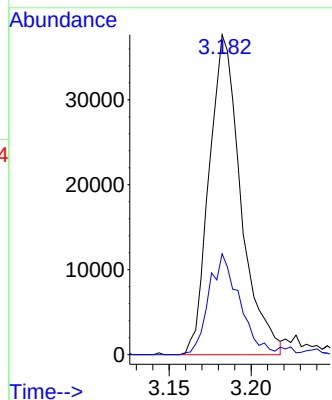
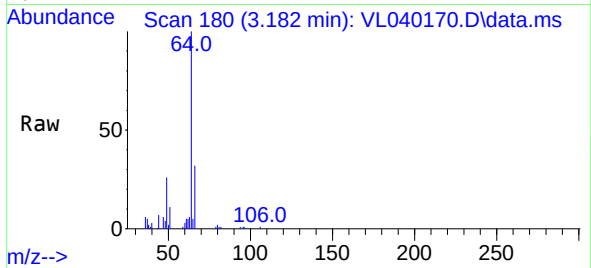




#7
Chloroethane
Concen: 2.103 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

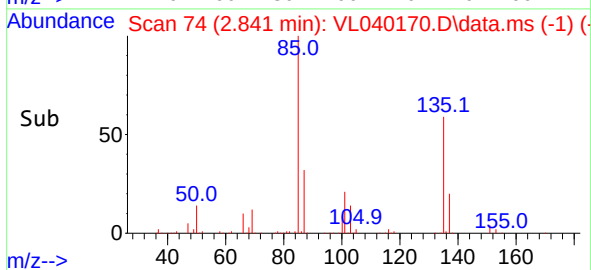
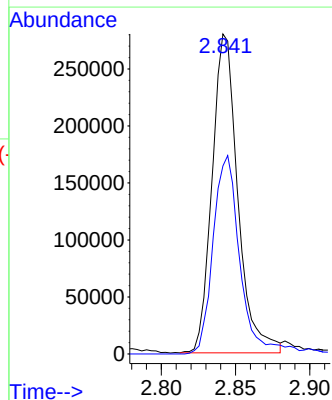
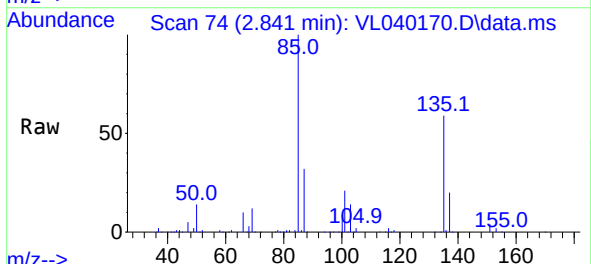
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MSVOA_L
ClientSampleId :
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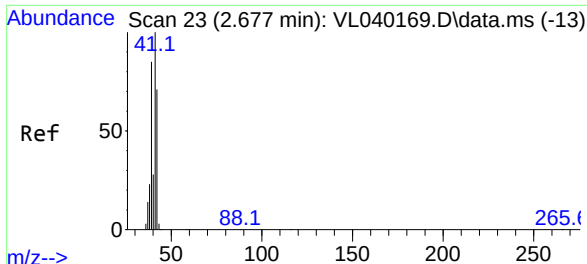
Tgt Ion: 64 Resp: 50554
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 2.094 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 85 Resp: 338130
Ion Ratio Lower Upper
85 100
135 66.3 51.5 77.3

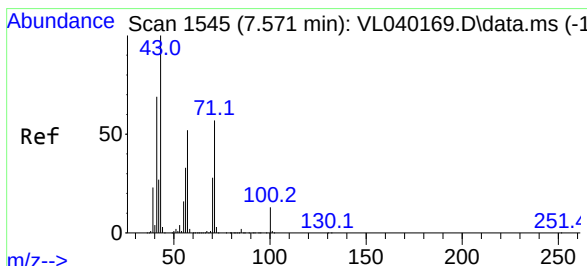
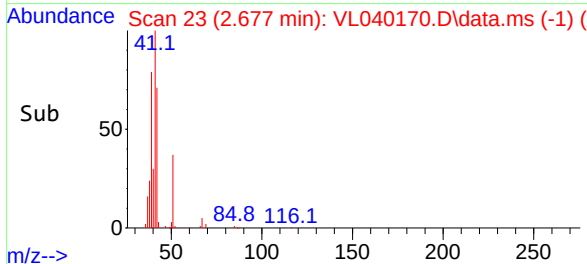
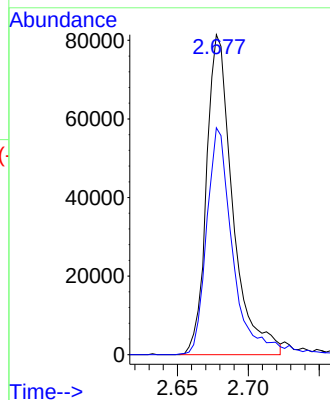
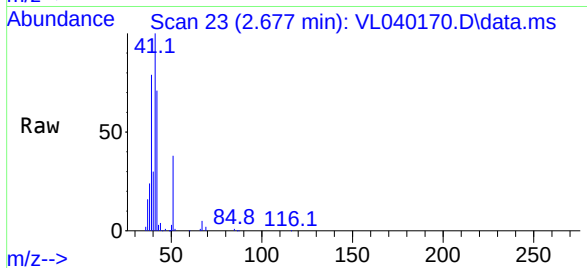




#9
 Propene
 Concen: 2.141 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

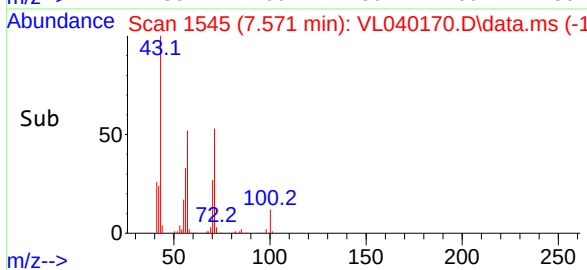
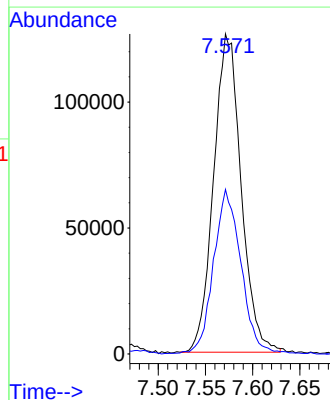
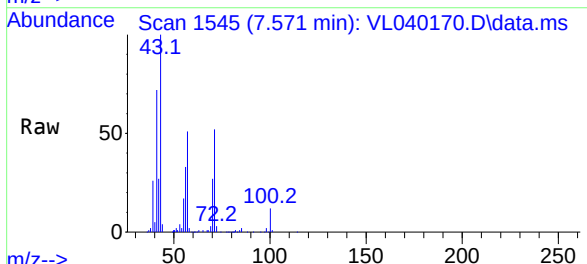
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

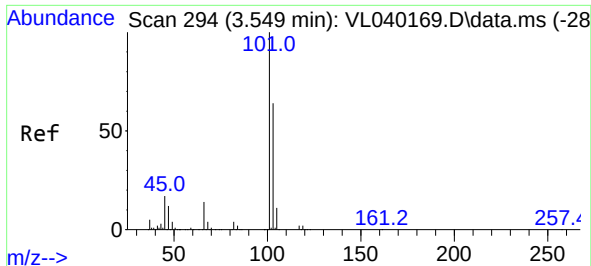
Tgt Ion: 41 Resp: 104843
 Ion Ratio Lower Upper
 41 100
 42 72.2 56.9 85.3



#10
 Heptane
 Concen: 2.192 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

Tgt Ion: 43 Resp: 255450
 Ion Ratio Lower Upper
 43 100
 57 51.9 41.4 62.2

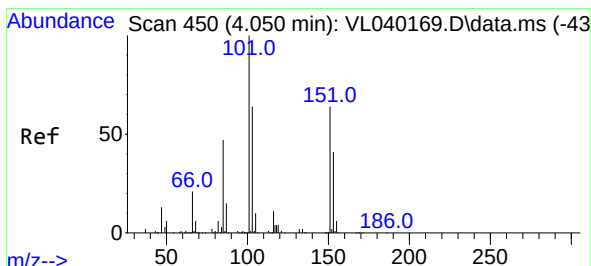
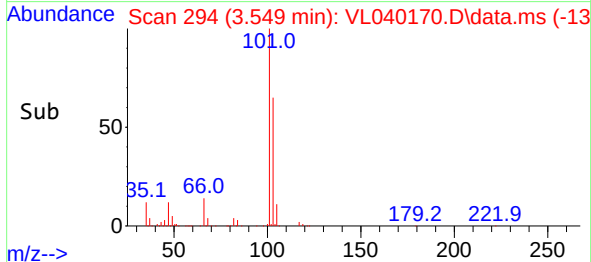
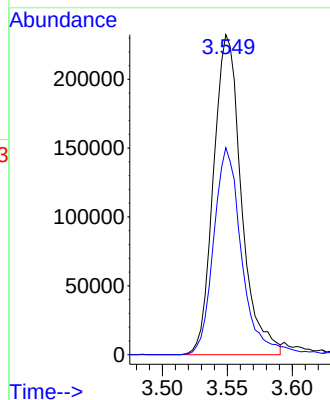
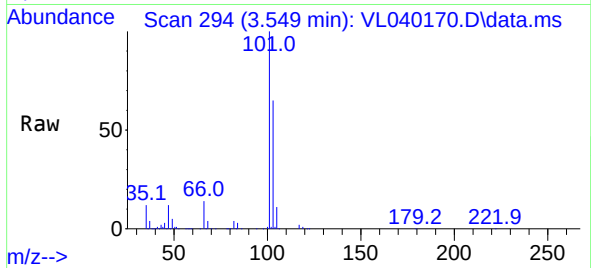




#11
 Trichlorofluoromethane
 Concen: 2.059 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

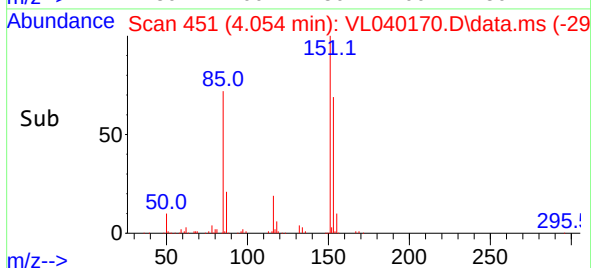
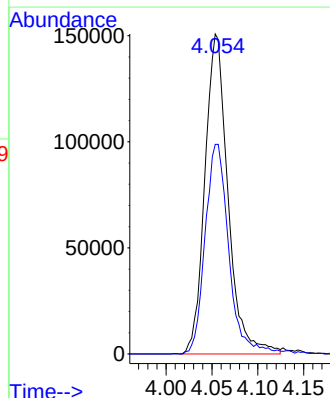
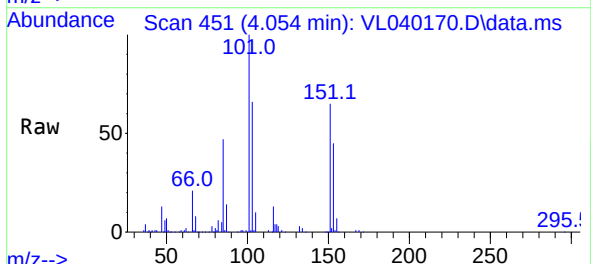
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

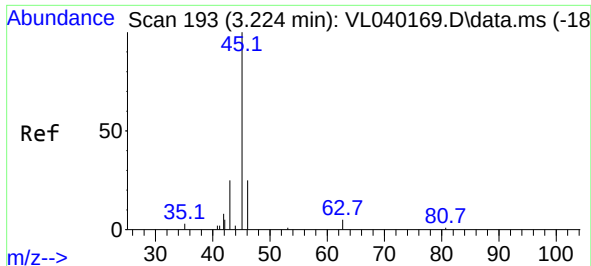
Tgt Ion:101 Resp: 346264
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.134 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.003 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

Tgt Ion:101 Resp: 264677
 Ion Ratio Lower Upper
 101 100
 151 67.6 54.7 82.1

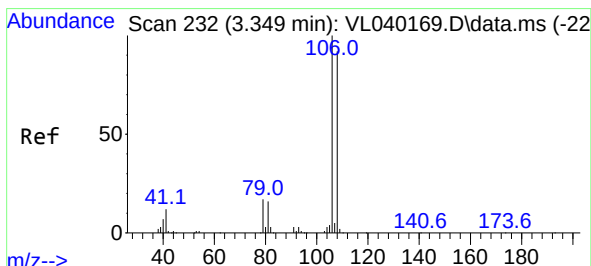
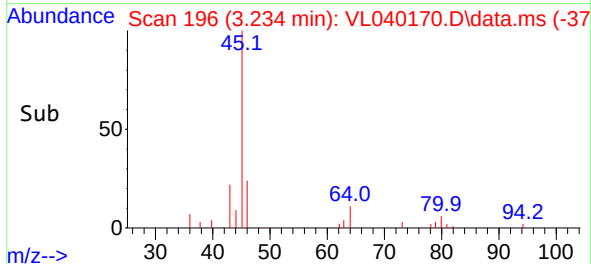
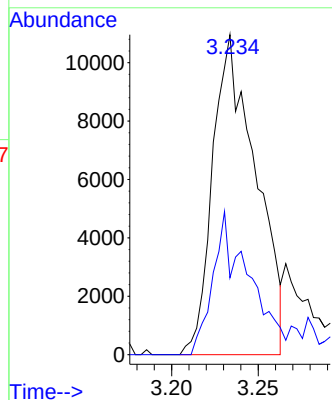
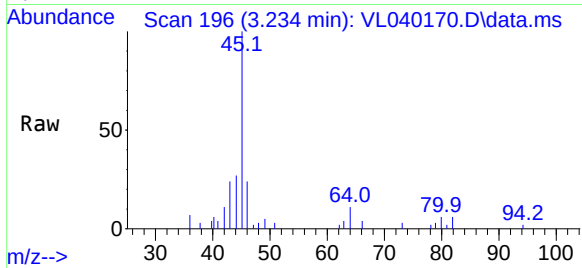




#13
Ethanol
Concen: 4.207 ppbv
RT: 3.234 min Scan# 193
Delta R.T. 0.010 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

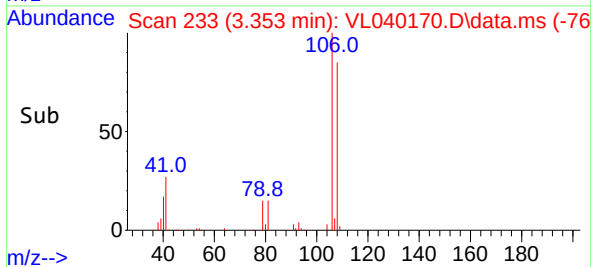
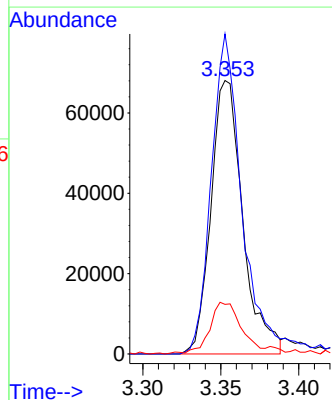
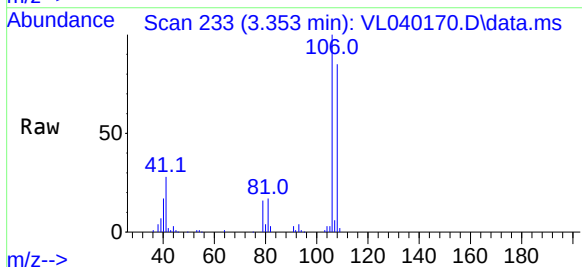
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

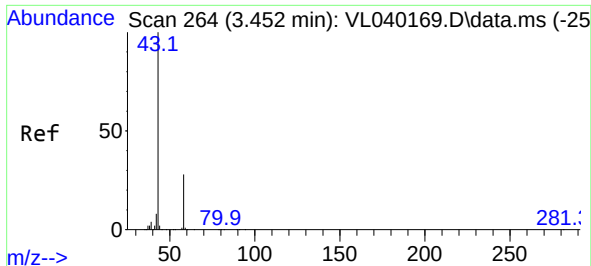
Tgt Ion: 45 Resp: 18962
Ion Ratio Lower Upper
45 100
46 45.3 13.3 53.1



#14
Bromoethene
Concen: 2.033 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 108 Resp: 96720
Ion Ratio Lower Upper
108 100
106 117.5 87.1 130.7
79 21.2 15.4 23.2

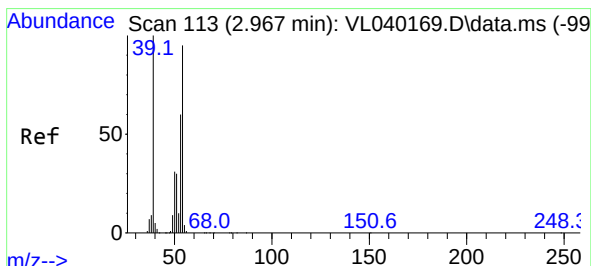
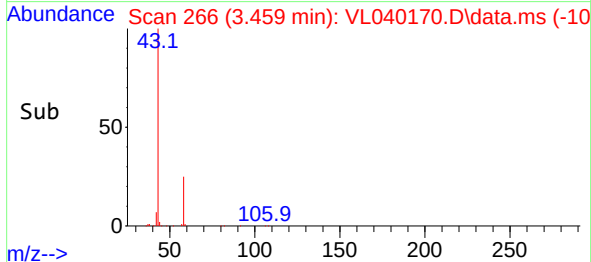
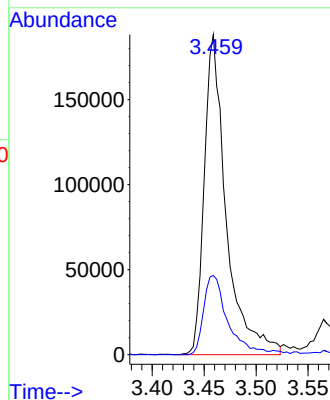
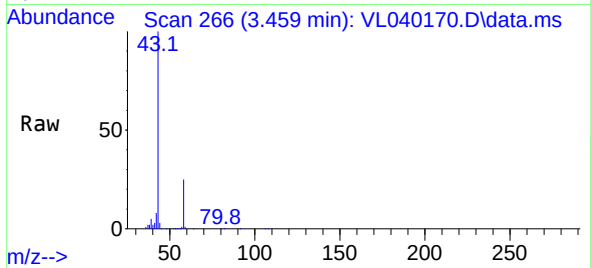




#15
Acetone
Concen: 2.286 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

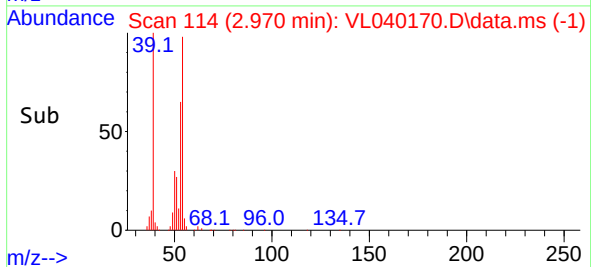
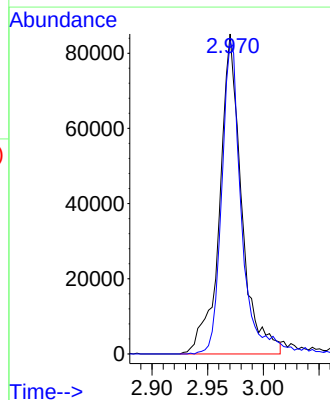
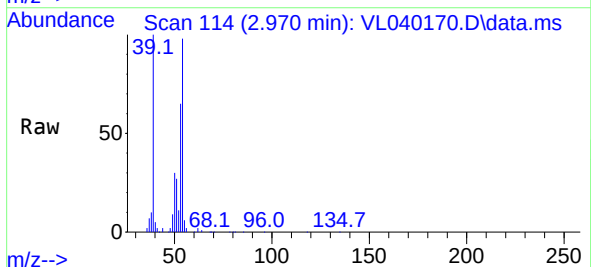
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

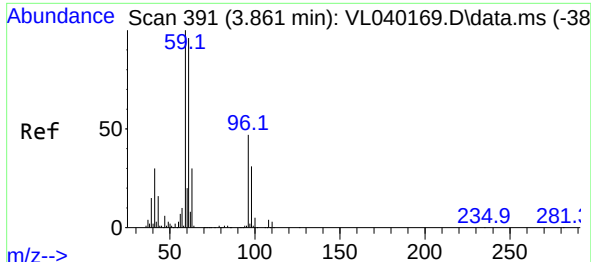
Tgt Ion: 43 Resp: 276683
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6



#16
1,3-Butadiene
Concen: 2.114 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 39 Resp: 116850
Ion Ratio Lower Upper
39 100
54 89.0 66.7 100.1

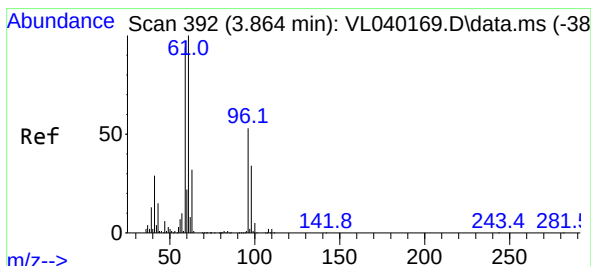
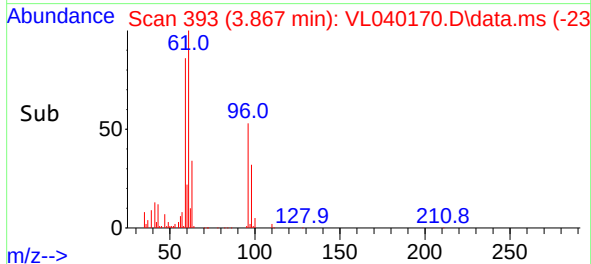
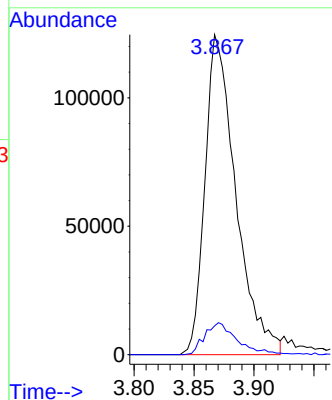
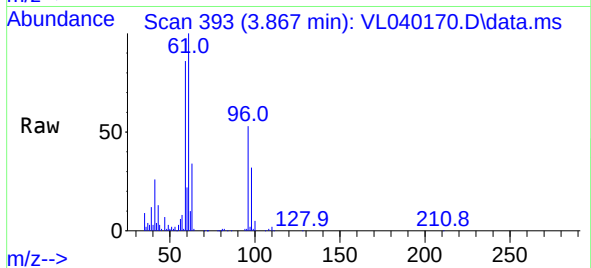




#17
tert-Butyl alcohol
Concen: 2.020 ppbv
RT: 3.867 min Scan# 391
Delta R.T. 0.007 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

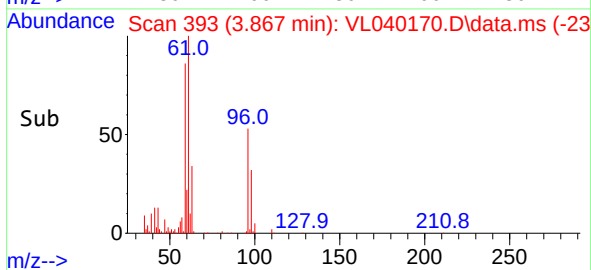
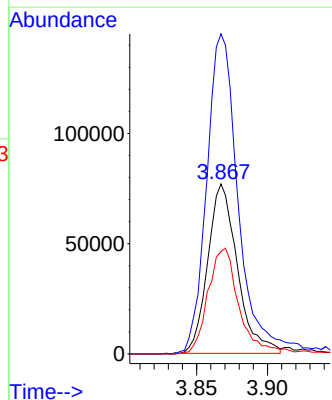
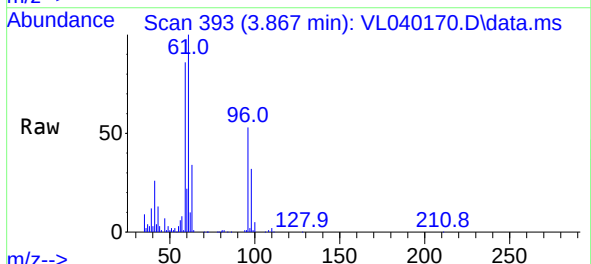
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

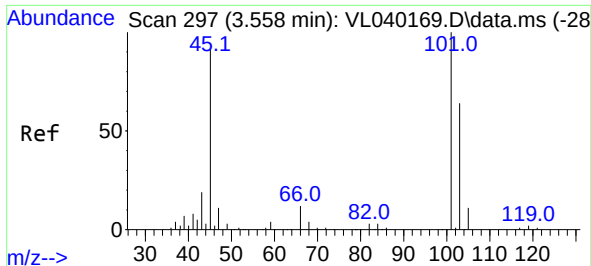
Tgt Ion: 59 Resp: 222959
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#18
1,1-Dichloroethene
Concen: 2.077 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 96 Resp: 111921
Ion Ratio Lower Upper
96 100
61 187.4 149.6 224.4
98 60.3 51.1 76.7

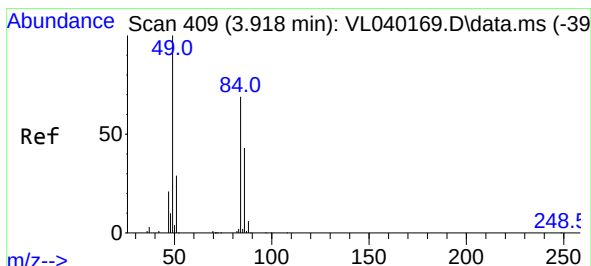
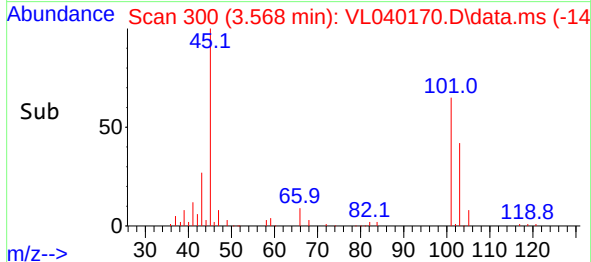
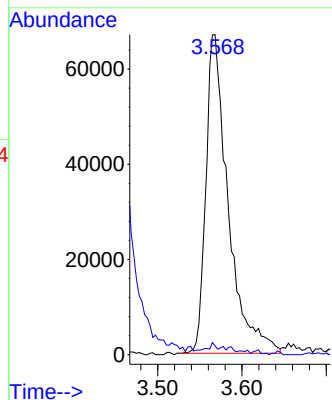
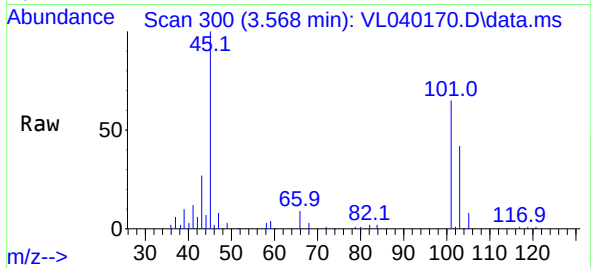




#19
Isopropyl Alcohol
Concen: 2.141 ppbv
RT: 3.568 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

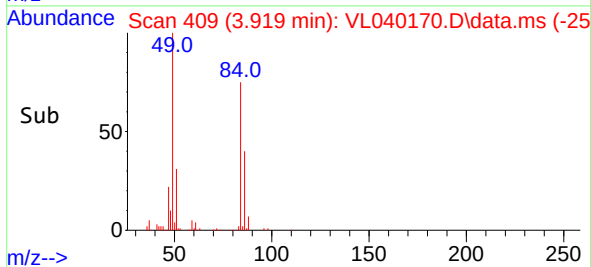
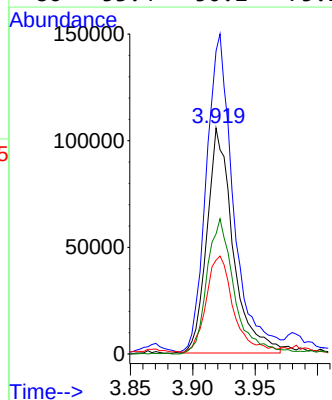
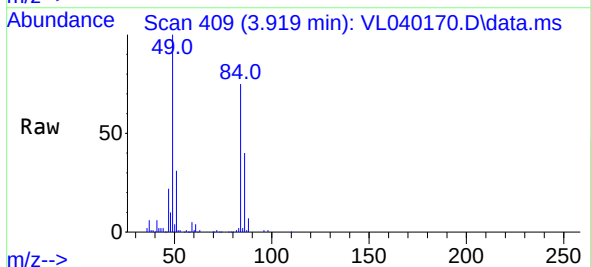
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

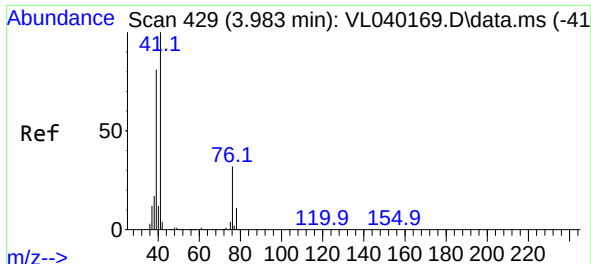
Tgt Ion: 45 Resp: 123204
Ion Ratio Lower Upper
45 100
58 3.2 2.6 3.8



#20
Methylene Chloride
Concen: 2.445 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 84 Resp: 154094
Ion Ratio Lower Upper
84 100
49 133.8 115.5 173.3
51 40.8 33.1 49.7
86 53.4 50.2 75.2





#21

Allyl Chloride

Concen: 2.111 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

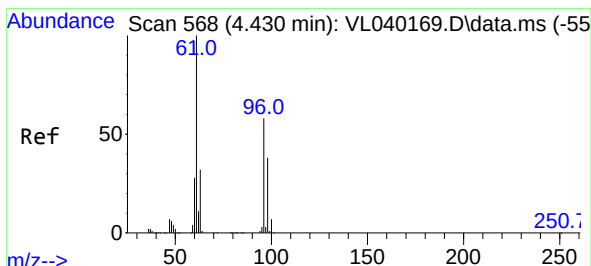
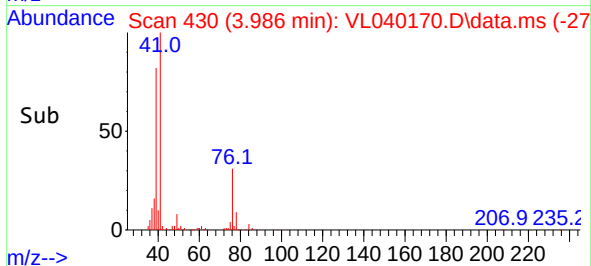
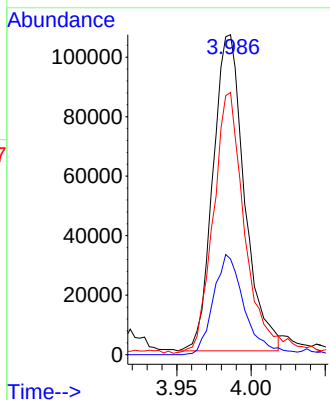
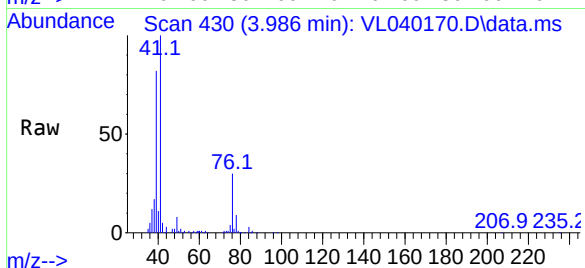
Tgt Ion: 41 Resp: 156741

Ion Ratio Lower Upper

41 100

76 32.4 25.5 38.3

39 84.8 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 2.124 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

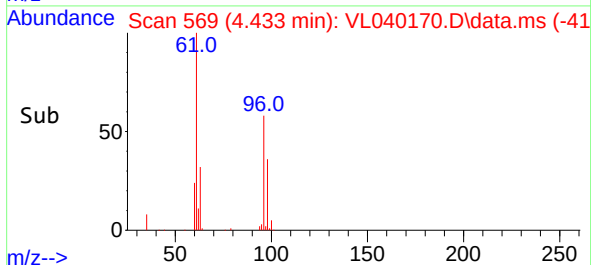
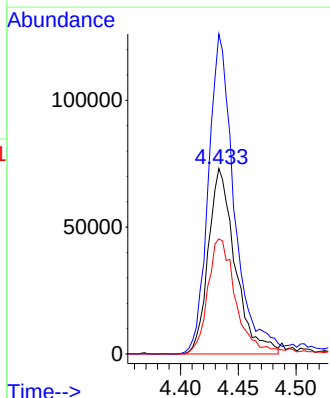
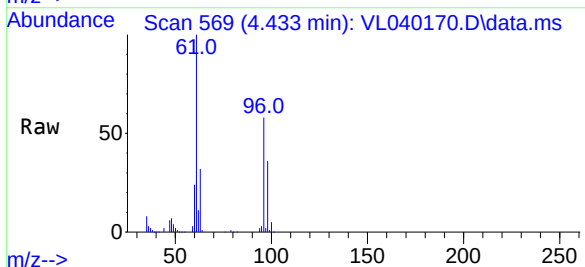
Tgt Ion: 96 Resp: 118519

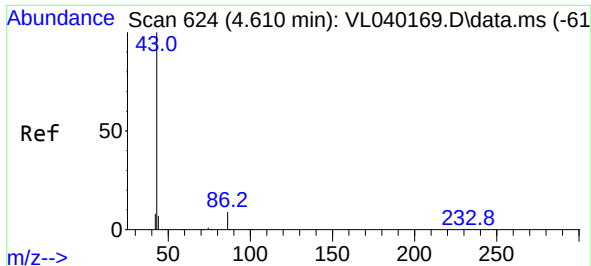
Ion Ratio Lower Upper

96 100

61 172.6 137.5 206.3

98 62.0 52.8 79.2



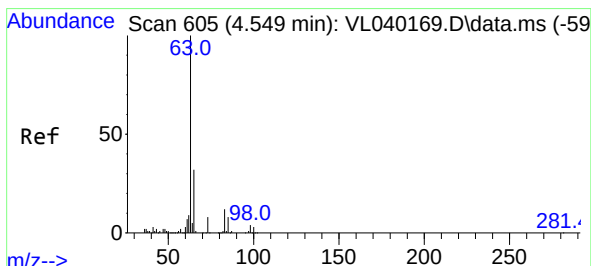
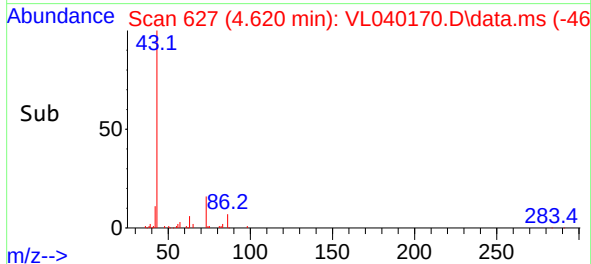
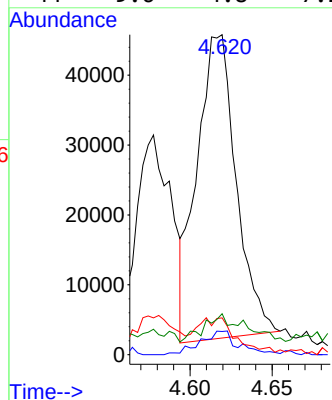
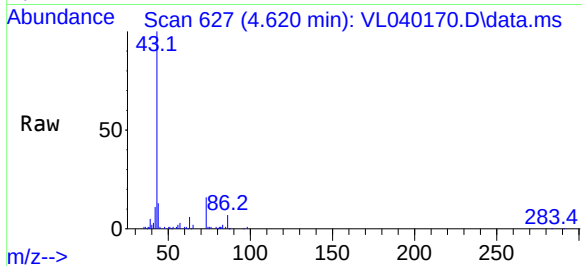


#23
Vinyl Acetate
Concen: 1.972 ppbv
RT: 4.620 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 72443

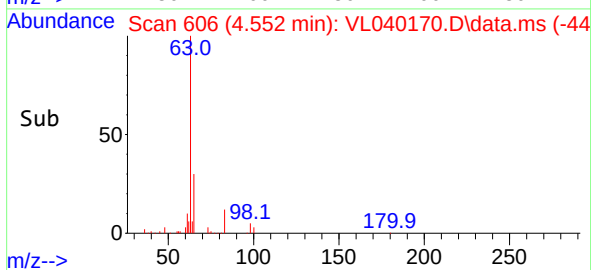
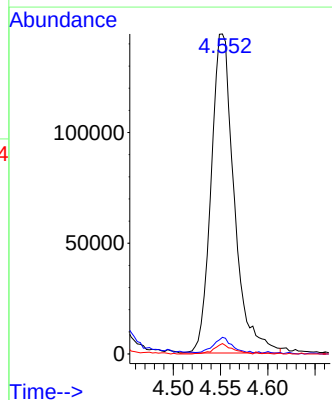
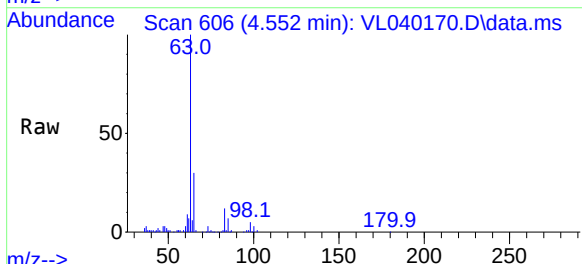
Ion	Ratio	Lower	Upper
43	100		
86	7.9	5.6	8.4
42	10.8	7.6	11.4
44	9.6	4.8	7.2

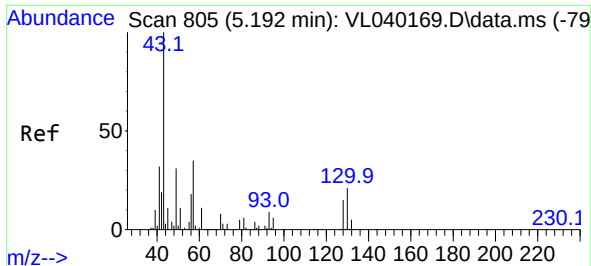


#24
1,1-Dichloroethane
Concen: 2.130 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 63 Resp: 244606

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.3	6.8
100	3.3	1.4	4.0



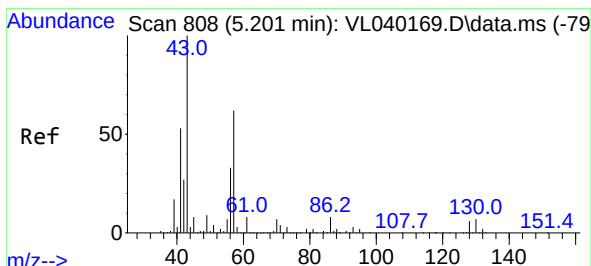
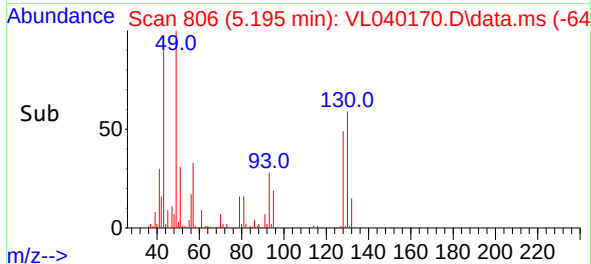
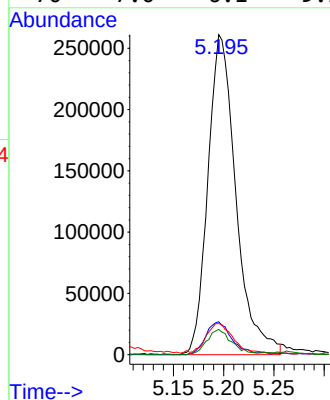
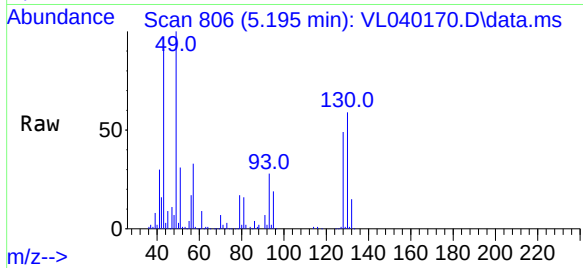


#25
Ethyl Acetate
Concen: 2.250 ppbv
RT: 5.195 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 506236

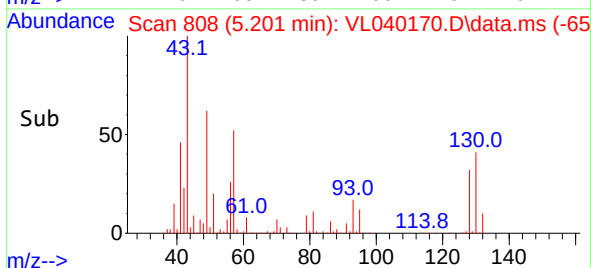
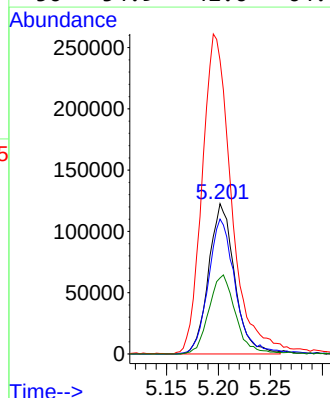
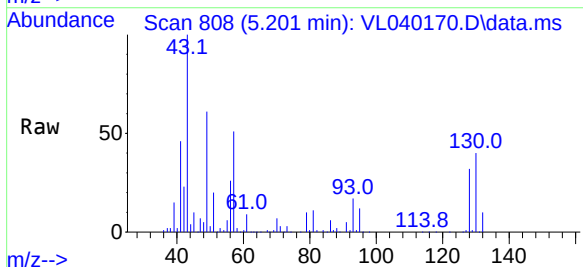
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	10.3	8.4	12.6
70	7.0	6.1	9.1

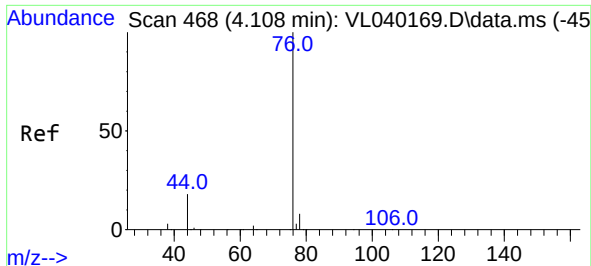


#26
Hexane
Concen: 2.207 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 57 Resp: 213161

Ion	Ratio	Lower	Upper
57	100		
41	94.6	74.3	111.5
43	243.8	193.0	289.4
56	54.9	42.6	64.0

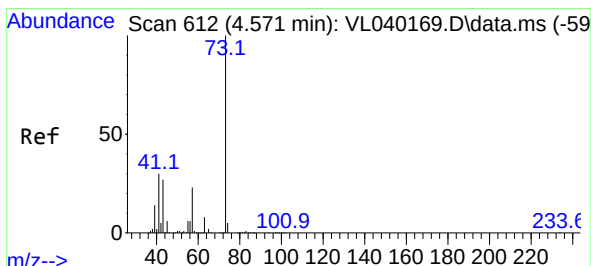
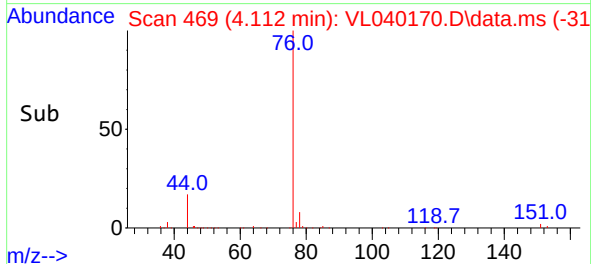
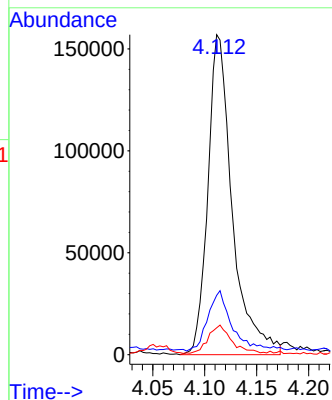
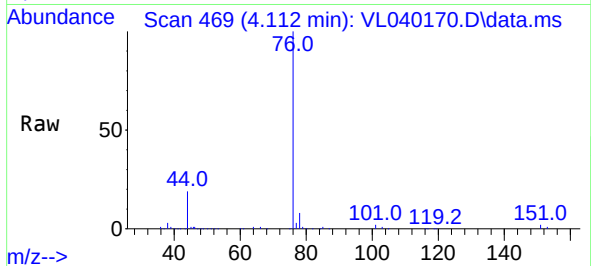




#27
Carbon Disulfide
Concen: 2.094 ppbv
RT: 4.112 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

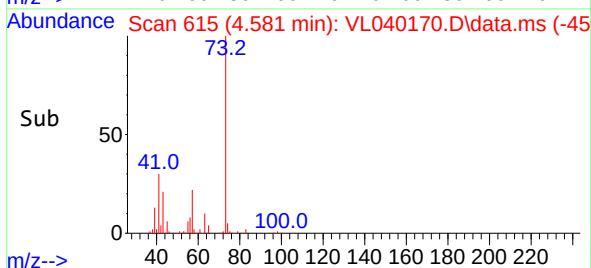
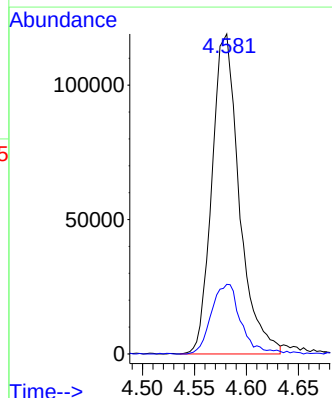
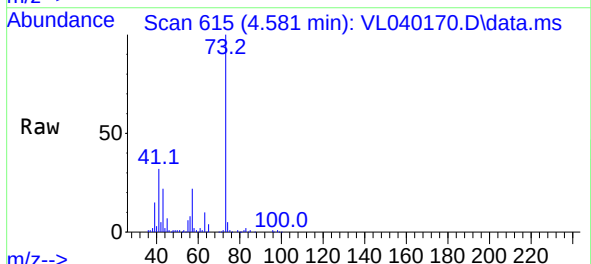
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

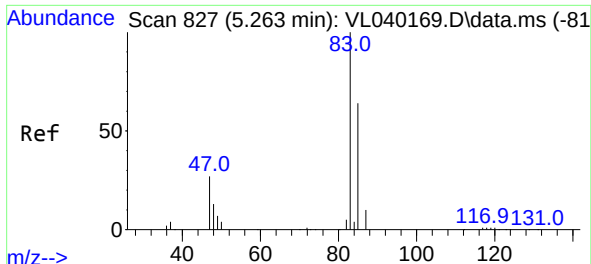
Tgt Ion: 76 Resp: 256630
Ion Ratio Lower Upper
76 100
44 18.9 15.3 22.9
78 10.6 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 2.112 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 73 Resp: 218632
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29

Chloroform

Concen: 2.152 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

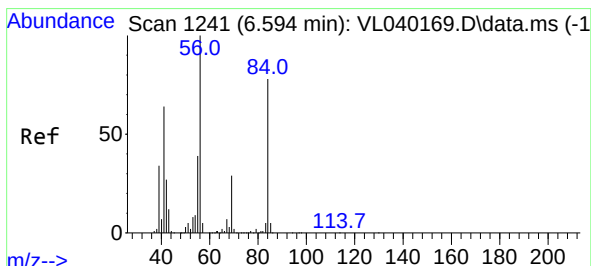
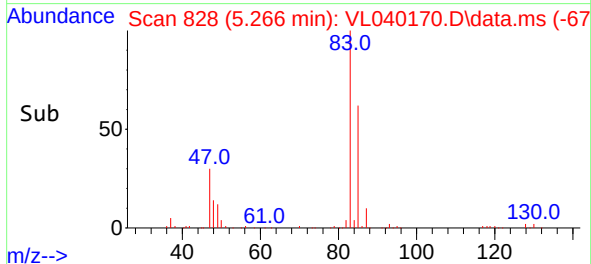
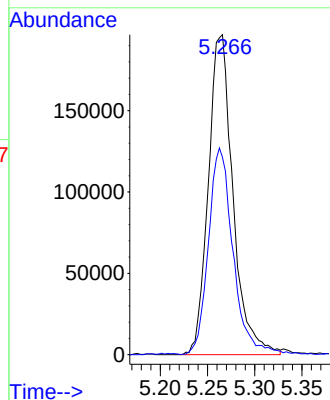
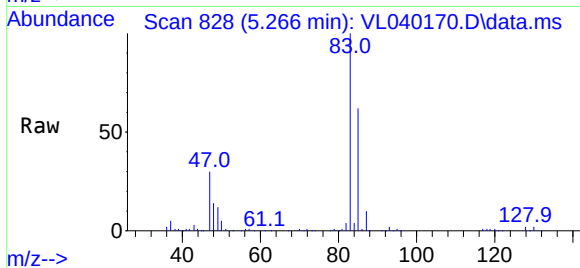
VSTDIC002

Tgt Ion: 83 Resp: 357014

Ion Ratio Lower Upper

83 100

85 61.6 51.5 77.3



#30

Cyclohexane

Concen: 2.197 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

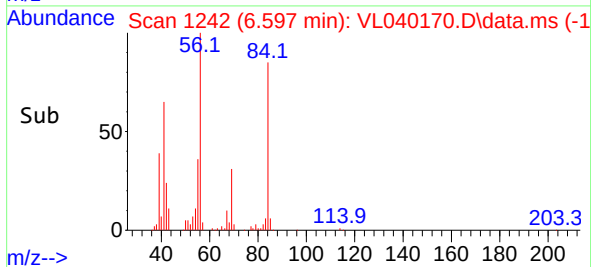
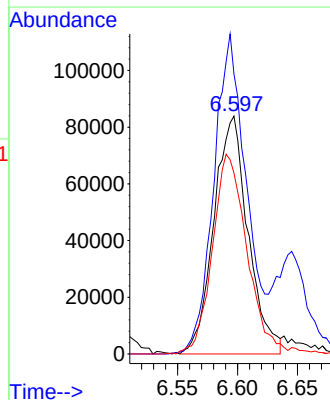
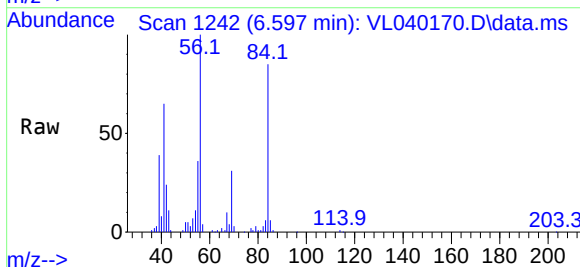
Tgt Ion: 84 Resp: 166671

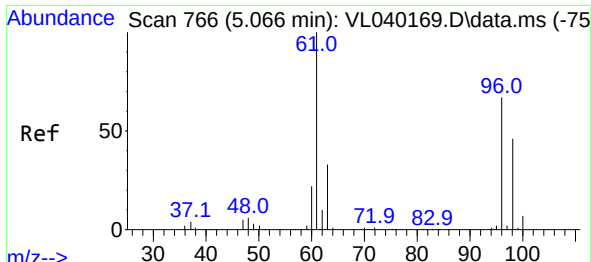
Ion Ratio Lower Upper

84 100

56 131.4 109.9 164.9

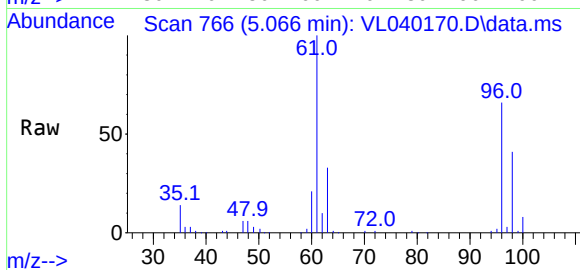
41 85.7 67.8 101.6



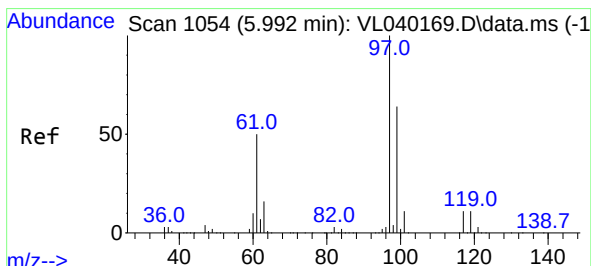
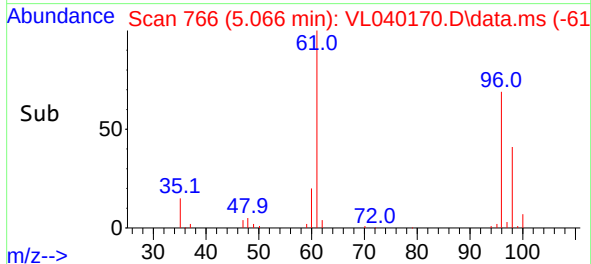
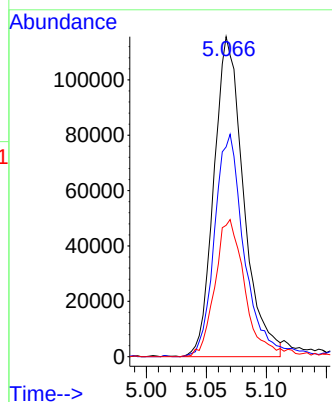


#31
cis-1,2-Dichloroethene
Concen: 2.166 ppbv
RT: 5.066 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

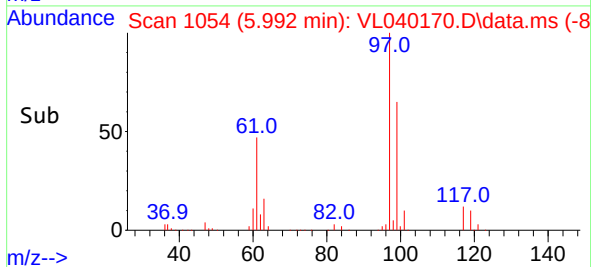
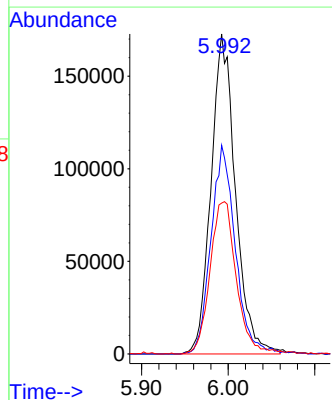
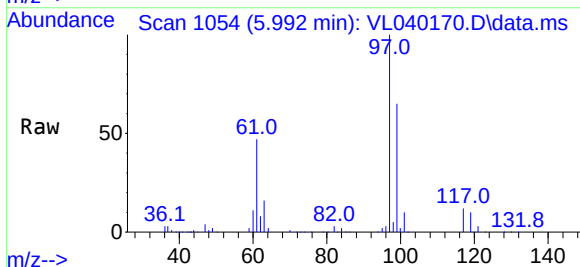


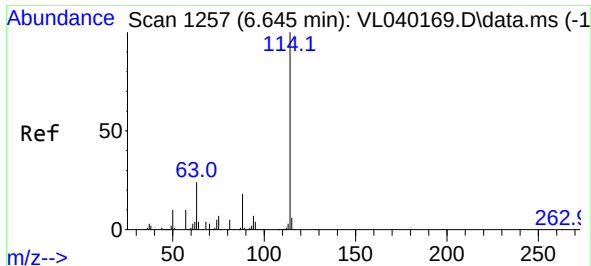
Tgt Ion: 61 Resp: 198770
Ion Ratio Lower Upper
61 100
96 65.6 53.7 80.5
98 41.1 36.4 54.6



#32
1,1,1-Trichloroethane
Concen: 2.169 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 97 Resp: 338093
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 51.7 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

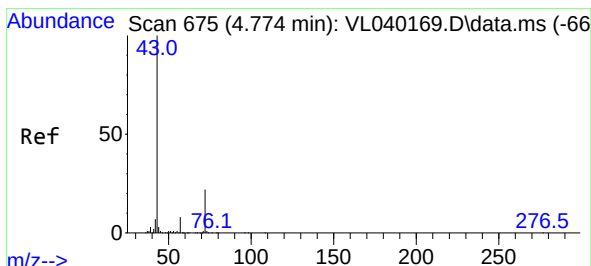
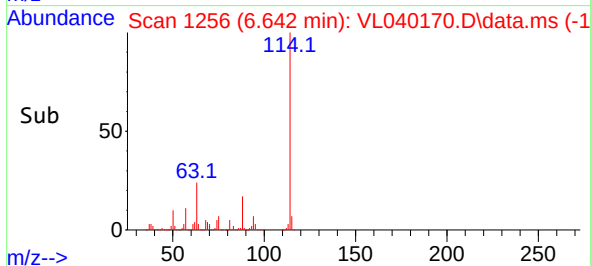
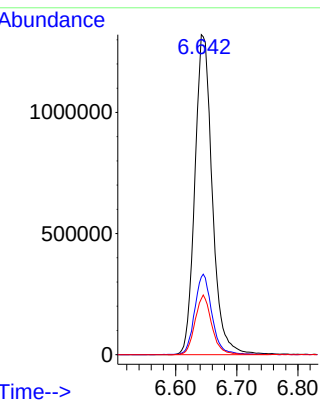
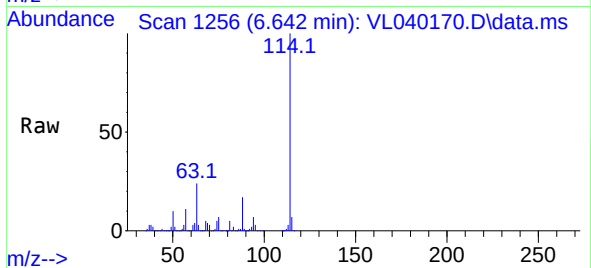
Tgt Ion:114 Resp: 2617022

Ion Ratio Lower Upper

114 100

63 25.1 20.4 30.6

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 2.137 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.003 min

Lab File: VL040170.D

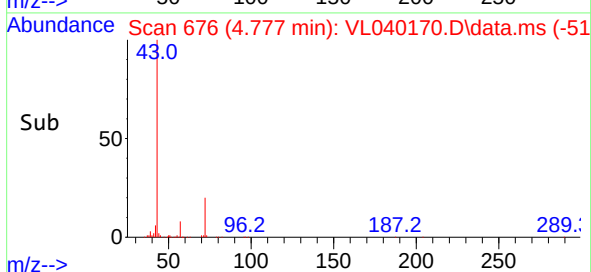
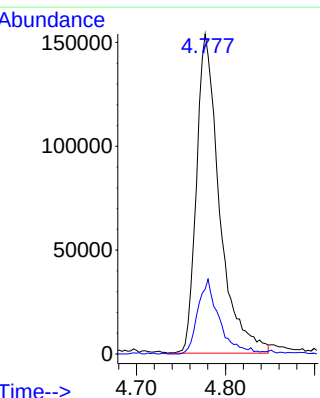
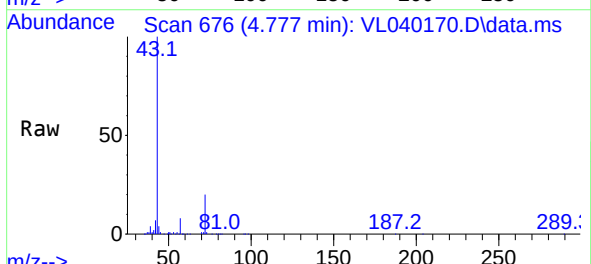
Acq: 15 Feb 2023 11:09

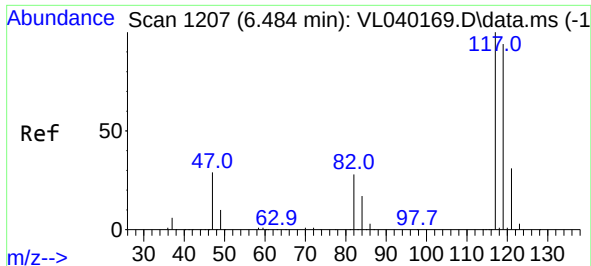
Tgt Ion: 43 Resp: 275854

Ion Ratio Lower Upper

43 100

72 21.8 17.8 26.8

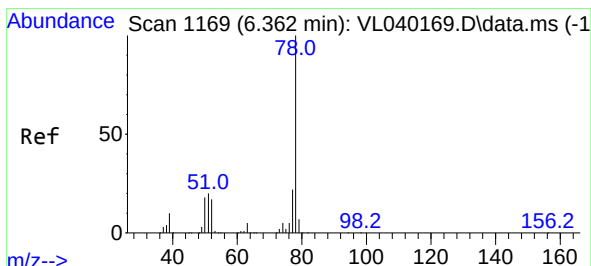
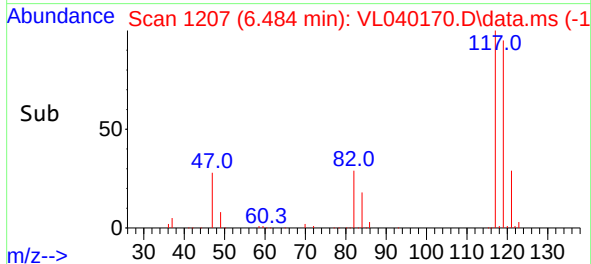
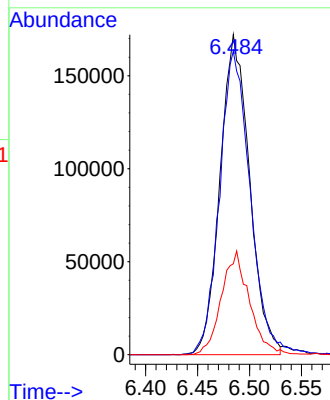
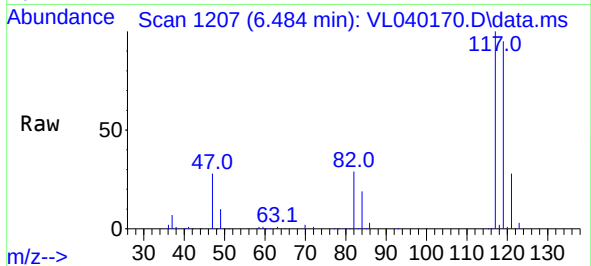




#35
Carbon Tetrachloride
Concen: 2.198 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

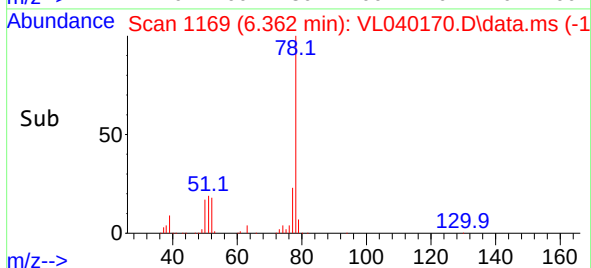
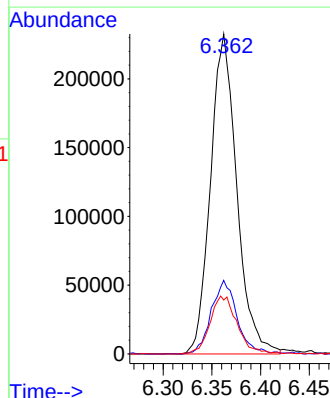
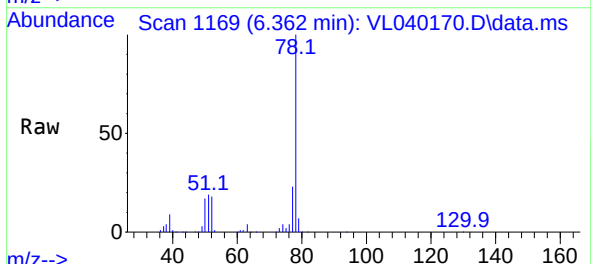
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

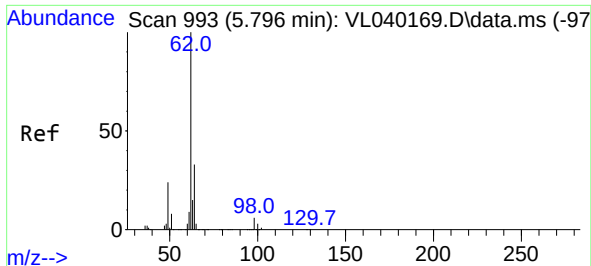
Tgt Ion:117 Resp: 340086
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
121 28.4 25.0 37.4



#36
Benzene
Concen: 2.142 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 78 Resp: 436316
Ion Ratio Lower Upper
78 100
77 23.0 17.5 26.3
50 16.8 14.6 22.0

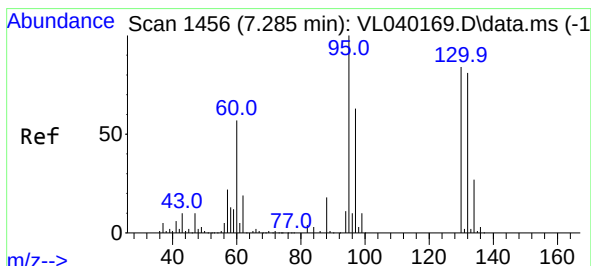
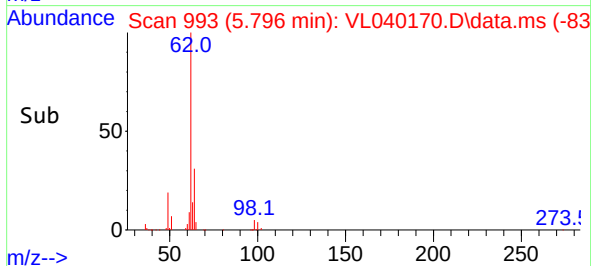
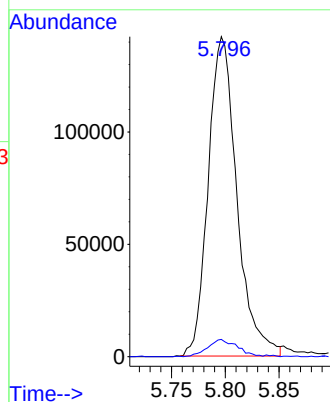
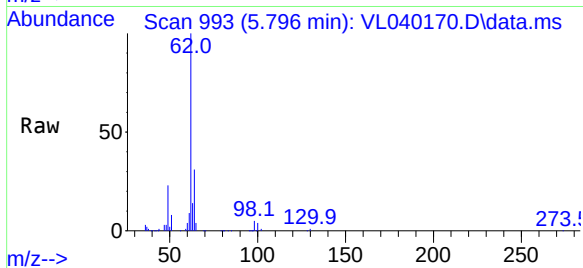




#37
1,2-Dichloroethane
Concen: 2.071 ppbv
RT: 5.796 min Scan# 993
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

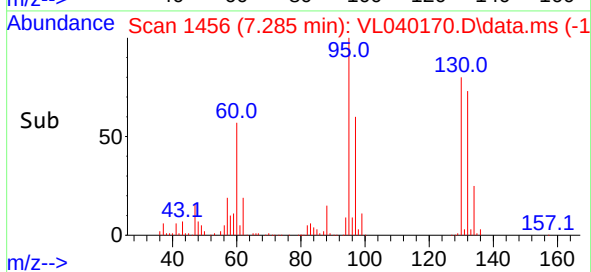
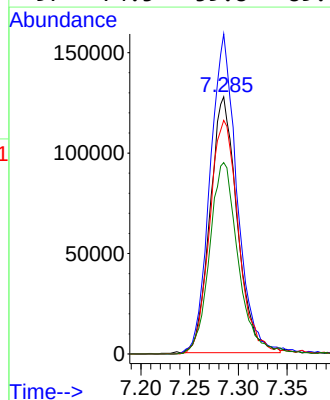
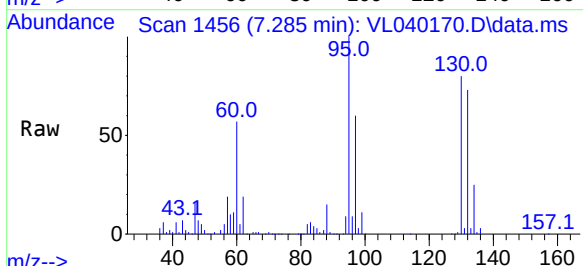
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

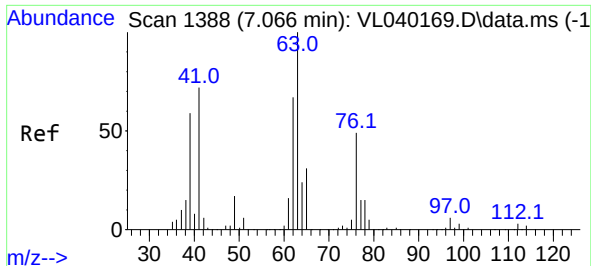
Tgt Ion: 62 Resp: 263775
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1



#38
Trichloroethene
Concen: 2.199 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:130 Resp: 246762
Ion Ratio Lower Upper
130 100
95 124.9 94.7 142.1
132 91.3 76.4 114.6
97 74.5 59.8 89.6





#39

1,2-Dichloropropane

Concen: 2.135 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

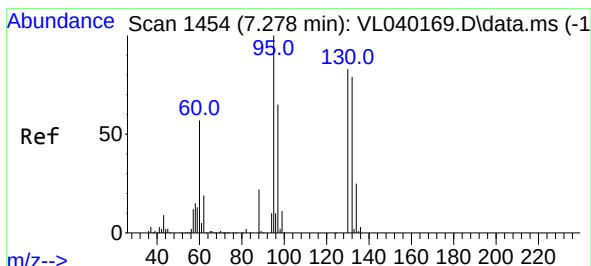
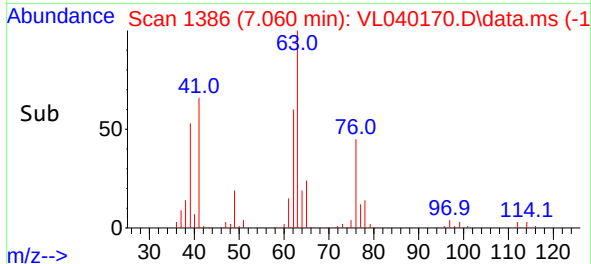
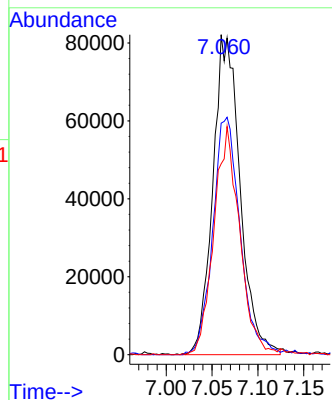
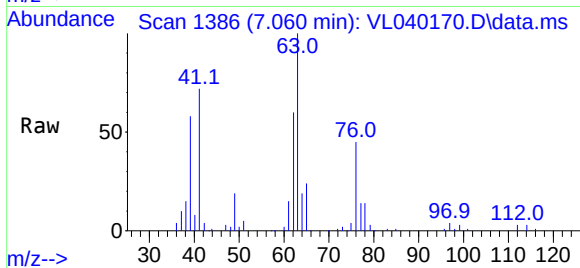
Tgt Ion: 63 Resp: 169166

Ion Ratio Lower Upper

63 100

41 72.3 57.6 86.4

62 59.6 54.0 81.0



#40

1,4-Dioxane

Concen: 0.769 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.010 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Tgt Ion: 88 Resp: 24364

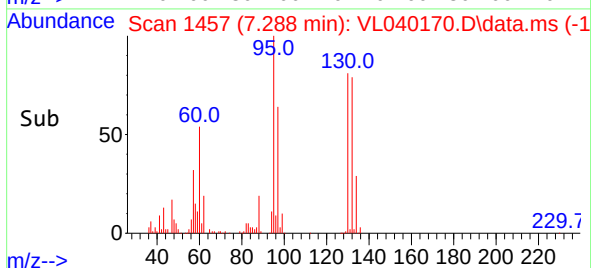
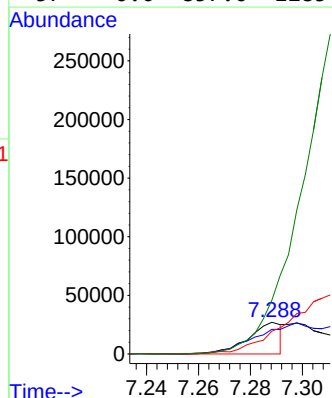
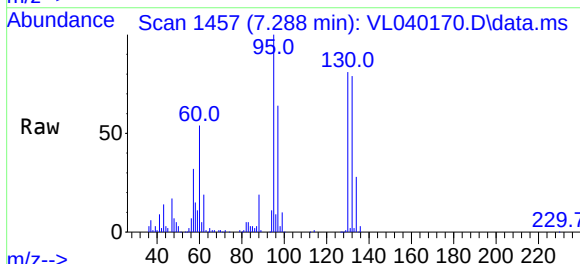
Ion Ratio Lower Upper

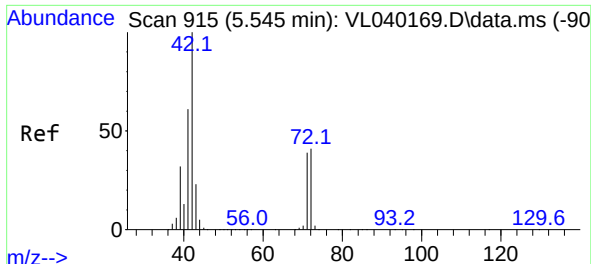
88 100

58 0.0 97.4 146.0#

43 0.0 193.5 290.3#

57 0.0 857.0 1285.6#

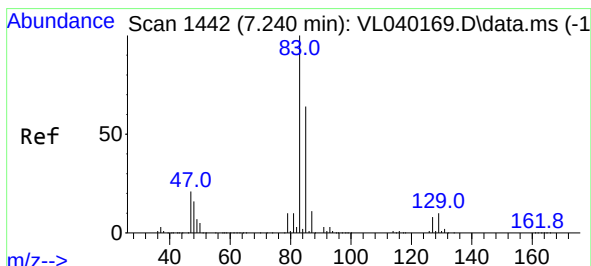
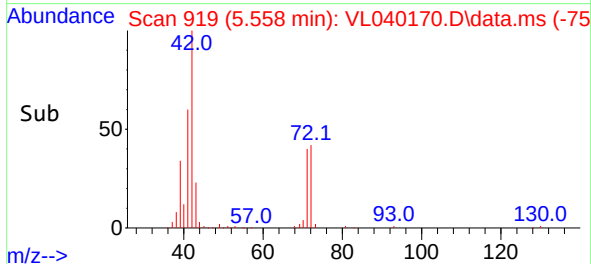
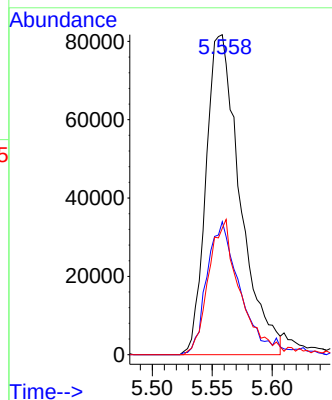
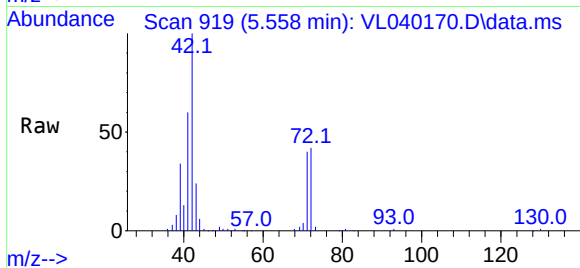




#41
Tetrahydrofuran
Concen: 2.165 ppbv
RT: 5.558 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

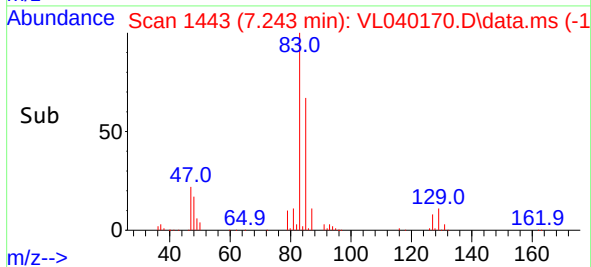
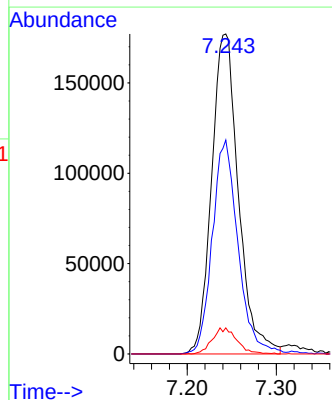
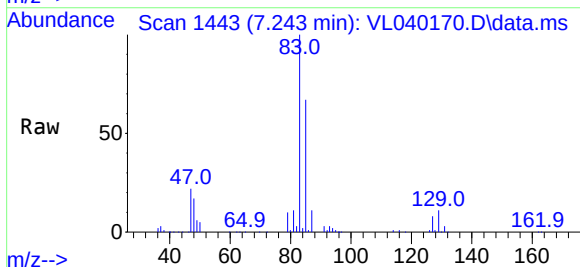
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

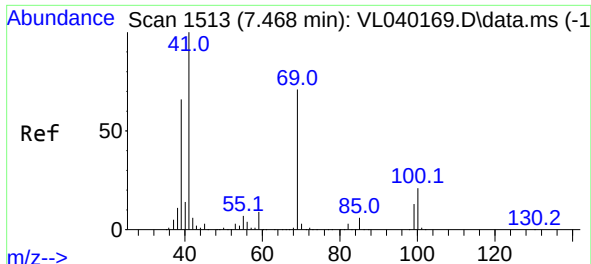
Tgt Ion: 42 Resp: 161949
Ion Ratio Lower Upper
42 100
72 41.7 33.0 49.4
71 40.4 31.4 47.2



#42
Bromodichloromethane
Concen: 2.105 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 83 Resp: 370069
Ion Ratio Lower Upper
83 100
85 66.8 50.9 76.3
127 8.1 6.2 9.2

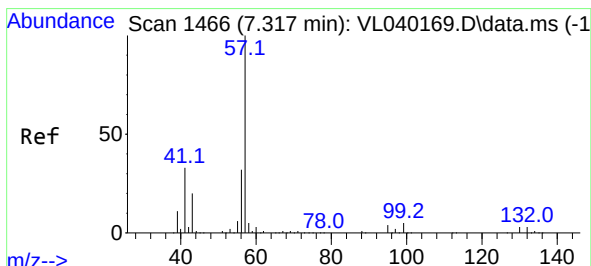
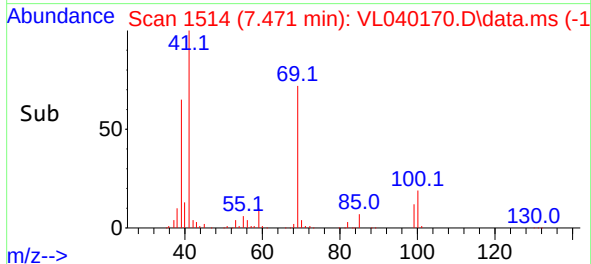
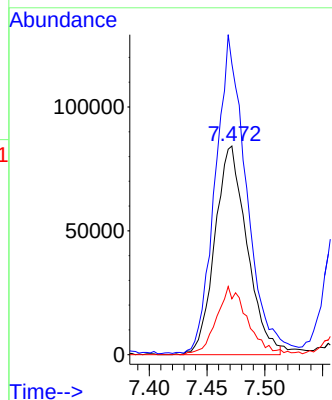
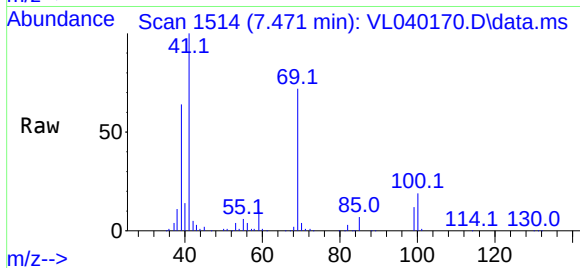




#43
Methyl Methacrylate
Concen: 2.161 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

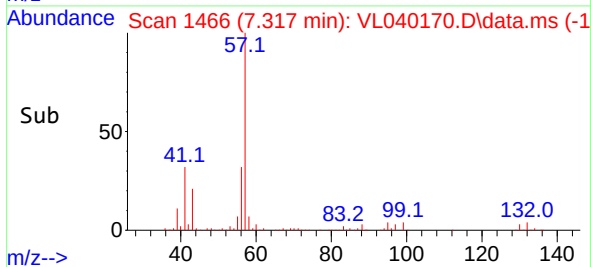
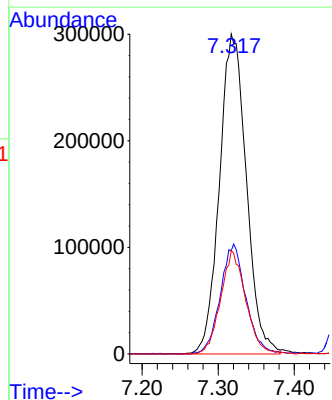
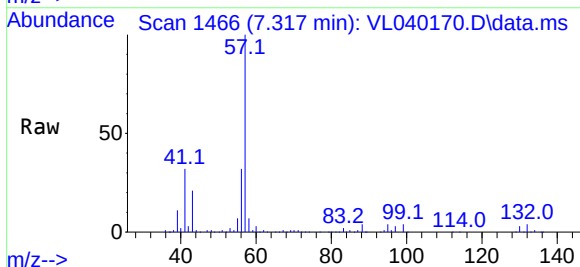
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

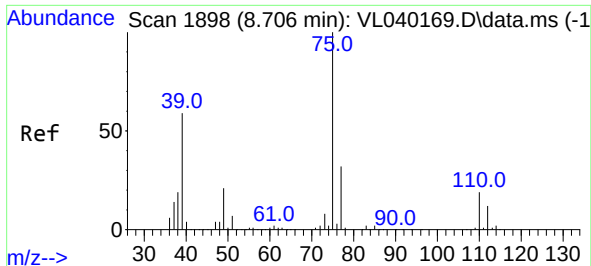
Tgt Ion: 69 Resp: 162843
Ion Ratio Lower Upper
69 100
41 150.6 116.6 174.8
100 31.8 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 2.167 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 57 Resp: 736677
Ion Ratio Lower Upper
57 100
41 32.8 26.2 39.4
56 30.1 24.9 37.3

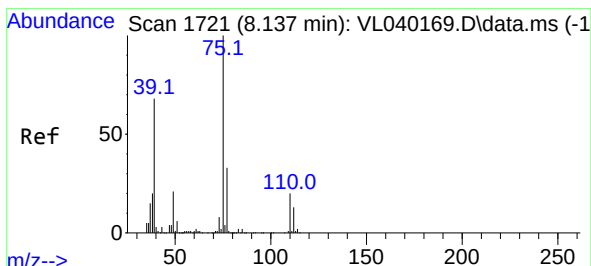
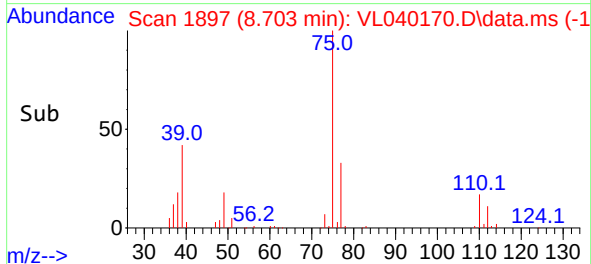
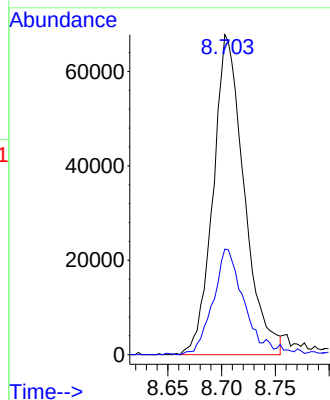
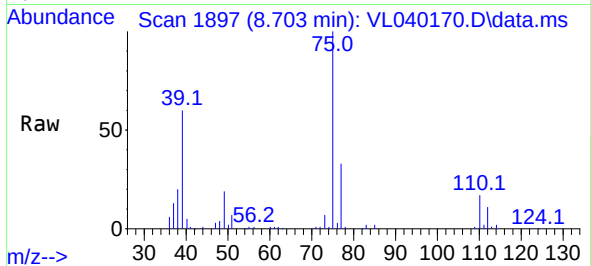




#45
 t-1,3-Dichloropropene
 Concen: 2.034 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

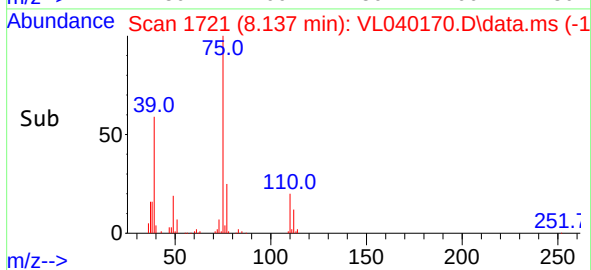
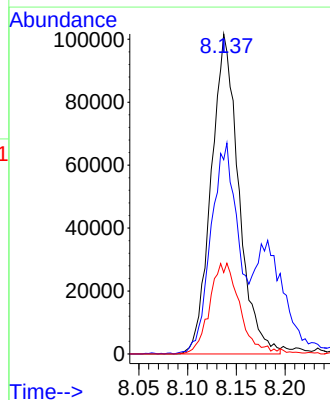
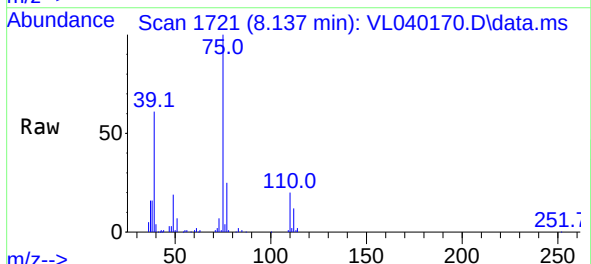
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

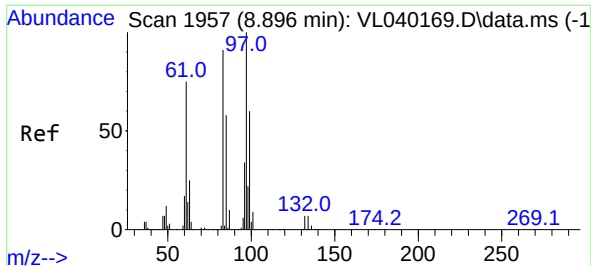
Tgt Ion: 75 Resp: 135997
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 2.140 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

Tgt Ion: 75 Resp: 199328
 Ion Ratio Lower Upper
 75 100
 39 60.2 54.2 81.2
 77 25.2 26.0 39.0#



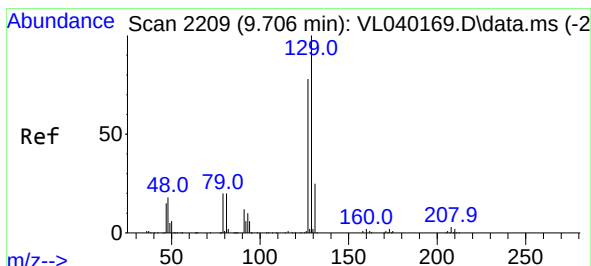
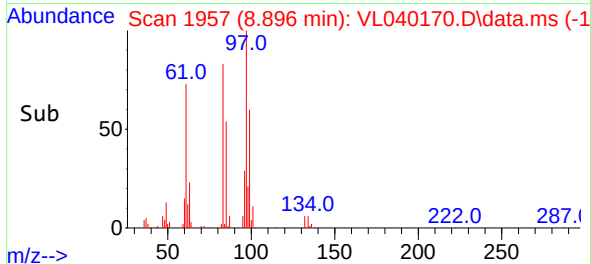
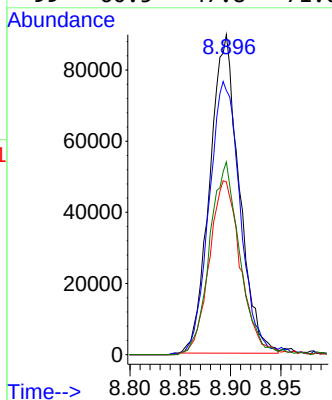
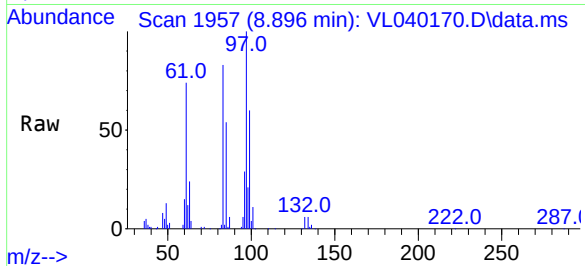


#47
1,1,2-Trichloroethane
Concen: 2.119 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 97 Resp: 181618

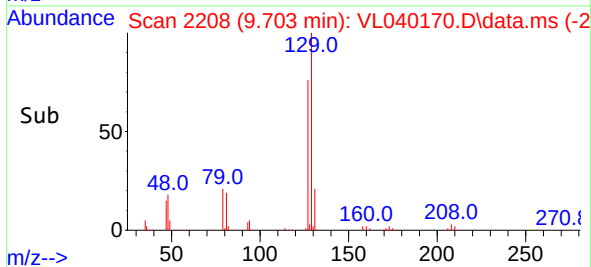
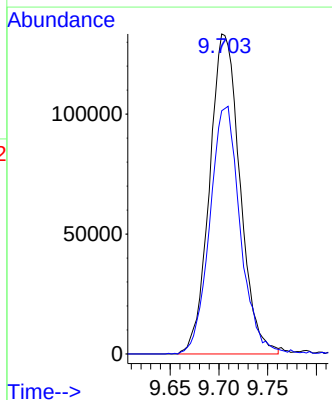
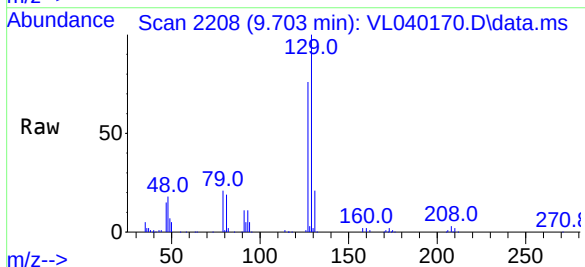
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.8	109.2
85	54.1	46.6	69.8
99	60.5	47.8	71.6

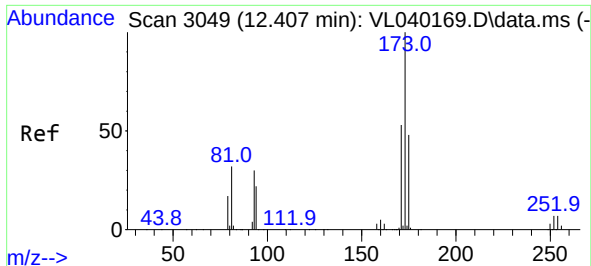


#48
Dibromochloromethane
Concen: 2.113 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 129 Resp: 289662

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2

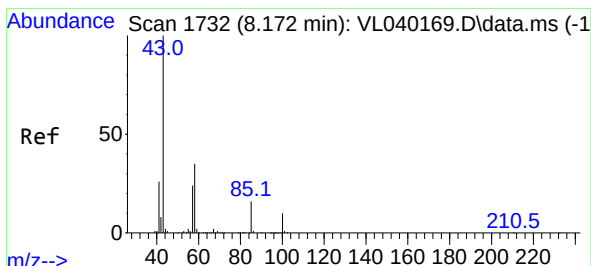
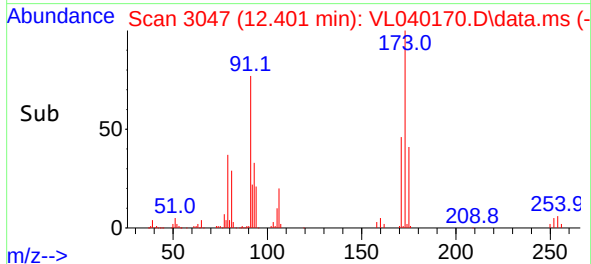
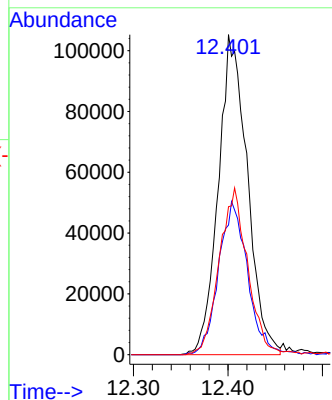
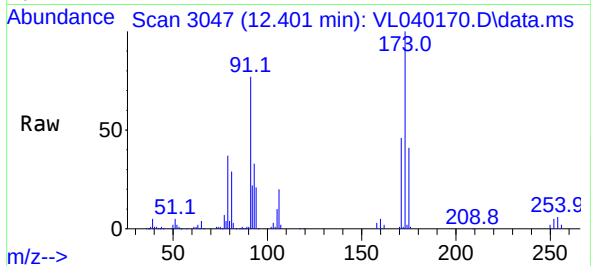




#49
Bromoform
Concen: 2.095 ppbv
RT: 12.401 min Scan# 3049
Delta R.T. -0.006 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

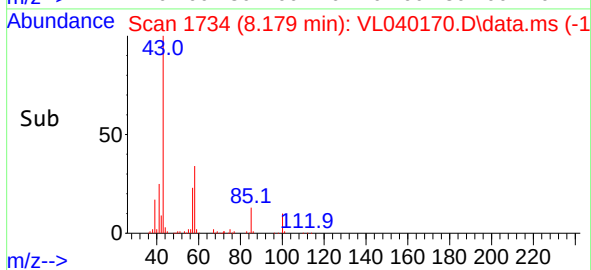
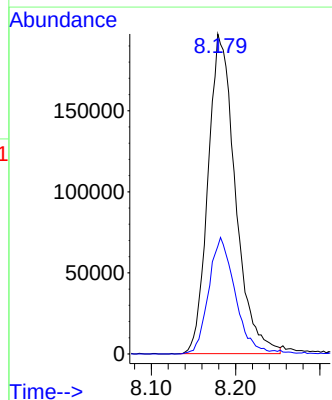
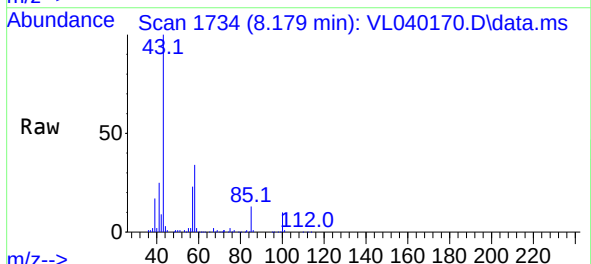
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

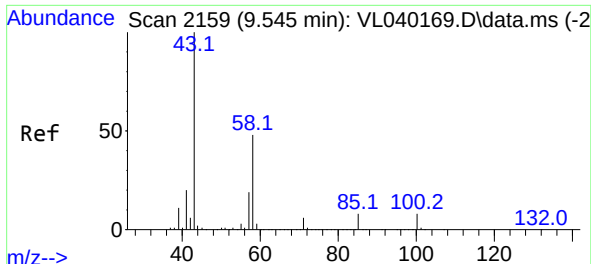
Tgt Ion:173 Resp: 224155
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.0
171 51.8 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 2.215 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 43 Resp: 443891
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8

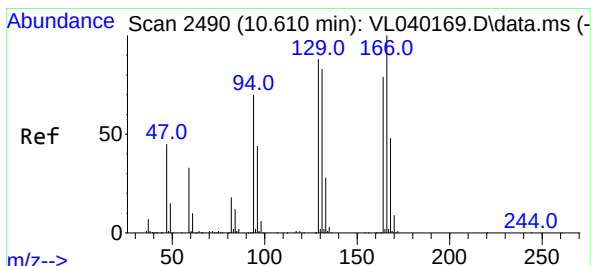
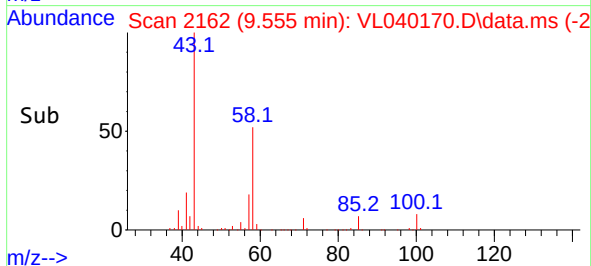
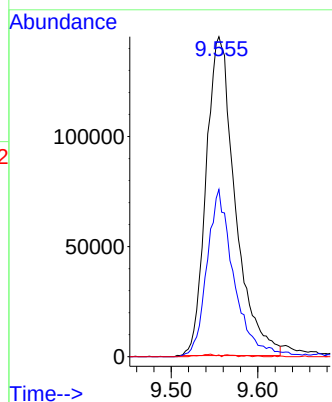
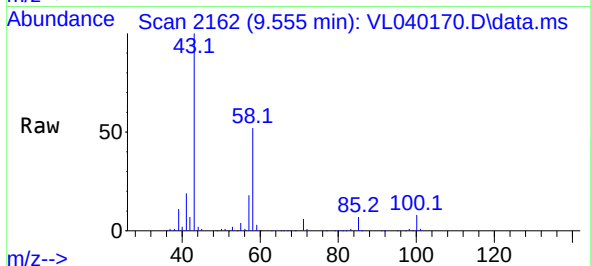




#51
2-Hexanone
Concen: 2.189 ppbv
RT: 9.555 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

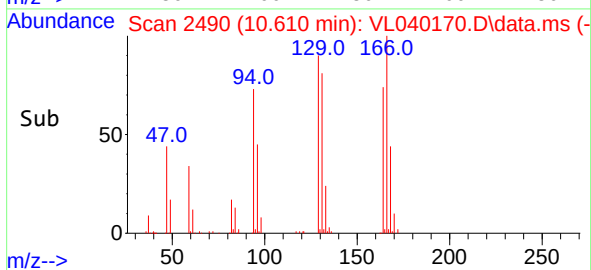
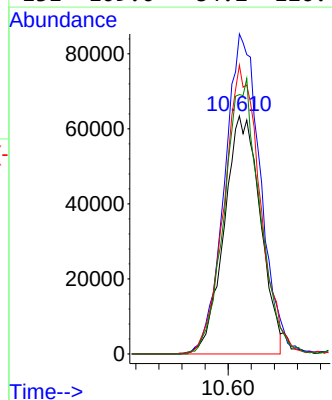
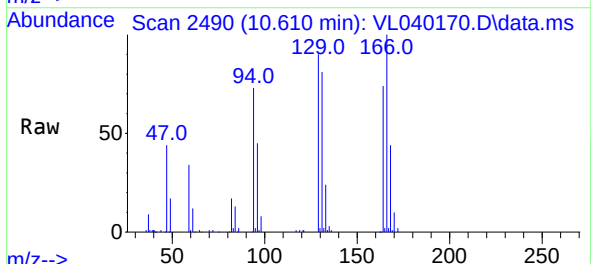
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

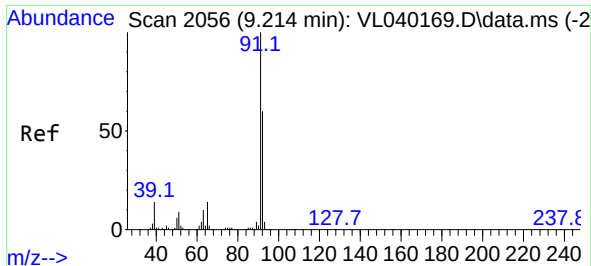
Tgt Ion: 43 Resp: 337491
Ion Ratio Lower Upper
43 100
58 49.6 39.1 58.7
98 0.7 0.2 0.4#



#52
Tetrachloroethene
Concen: 2.173 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:164 Resp: 138217
Ion Ratio Lower Upper
164 100
166 134.5 101.5 152.3
129 121.0 89.0 133.4
131 109.0 84.2 126.4

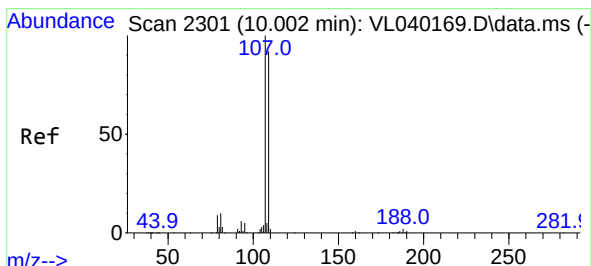
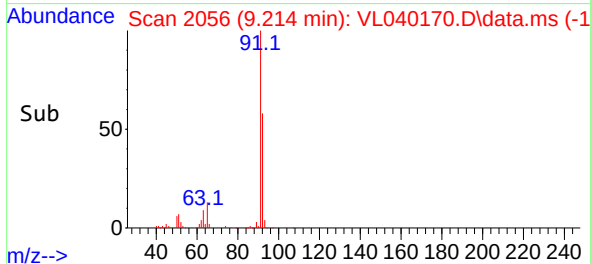
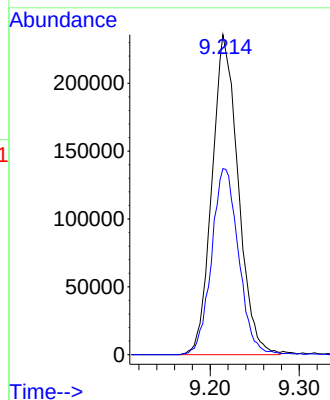
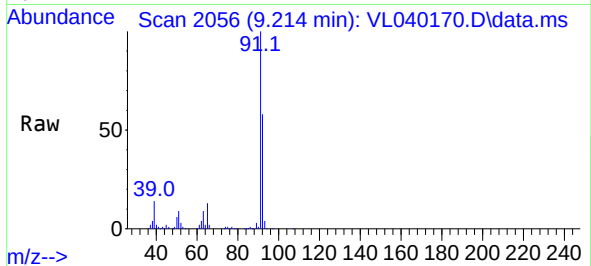




#53
Toluene
Concen: 2.206 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

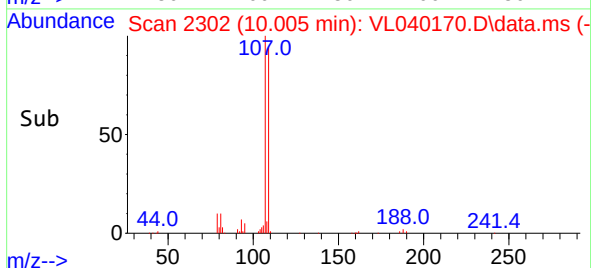
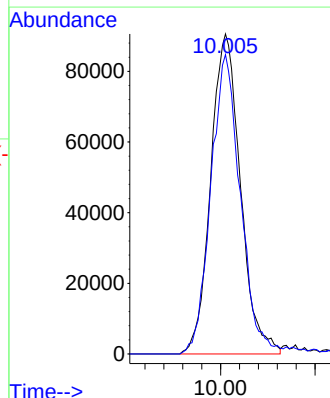
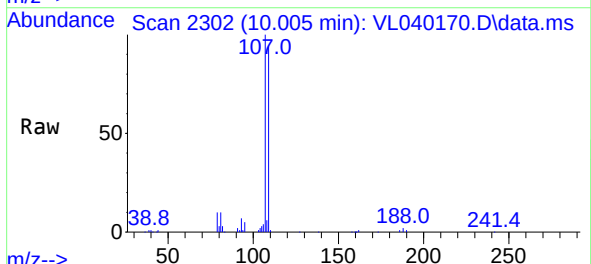
Instrument : MSVOA_1
ClientSampleId : VSTDIC002

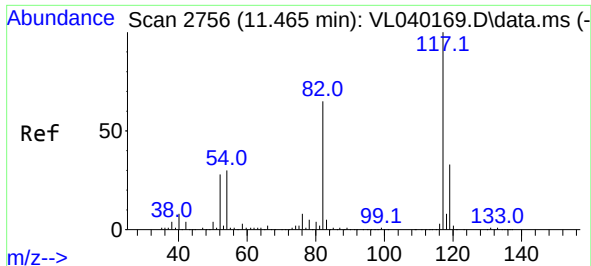
Tgt Ion: 91 Resp: 481154
Ion Ratio Lower Upper
91 100
92 60.3 48.9 73.3



#54
1,2-Dibromoethane
Concen: 2.218 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 107 Resp: 197777
Ion Ratio Lower Upper
107 100
109 93.5 73.8 110.8

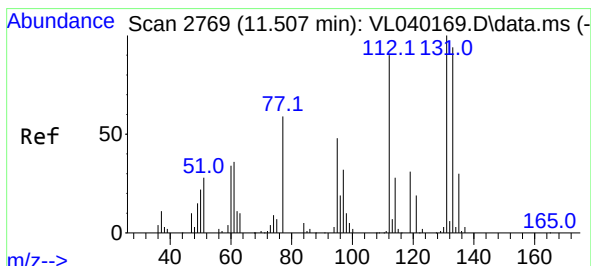
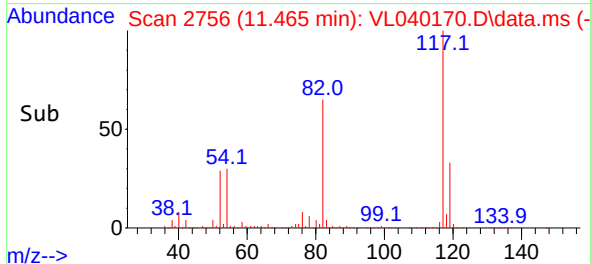
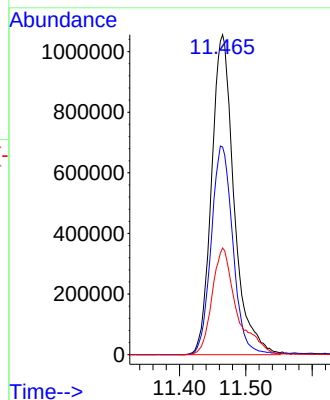
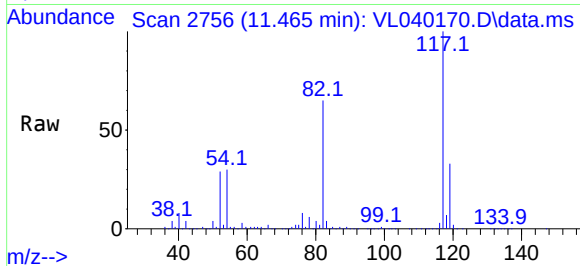




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

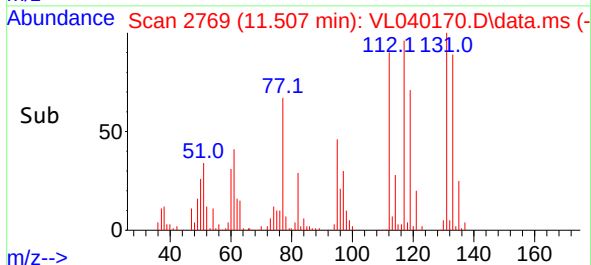
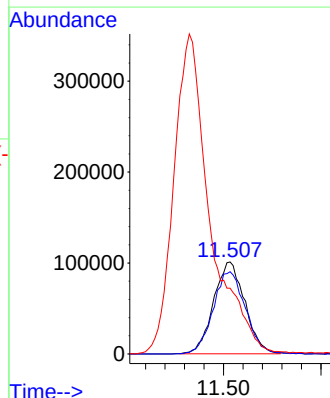
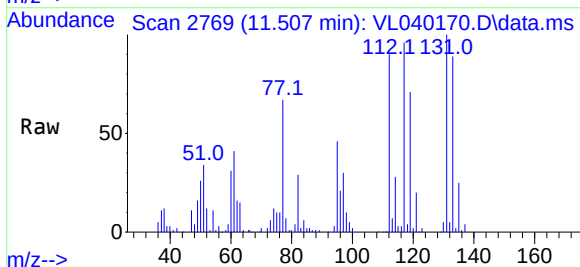
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

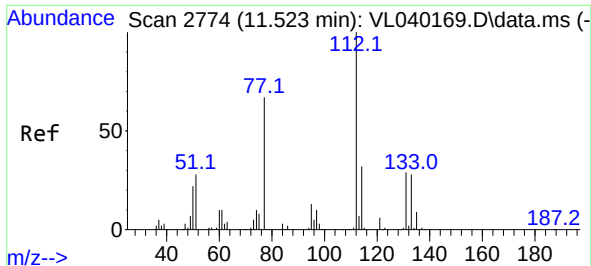
Tgt Ion:117 Resp: 2485017
Ion Ratio Lower Upper
117 100
82 63.7 53.3 79.9
119 36.5 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 2.154 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:131 Resp: 224738
Ion Ratio Lower Upper
131 100
133 92.9 76.2 114.2
119 404.9 45.4 68.0#

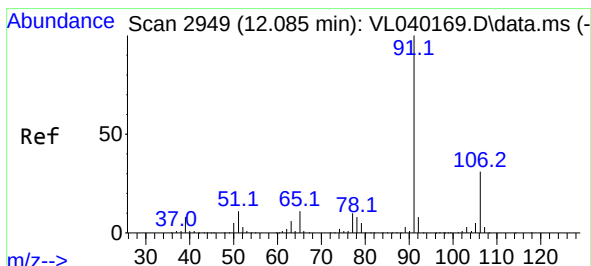
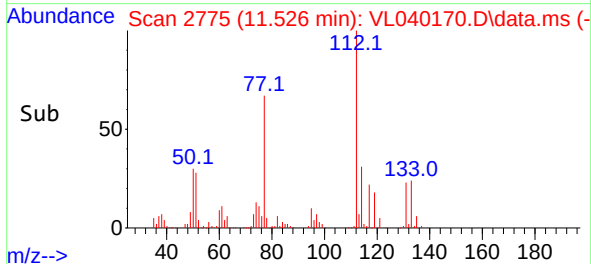
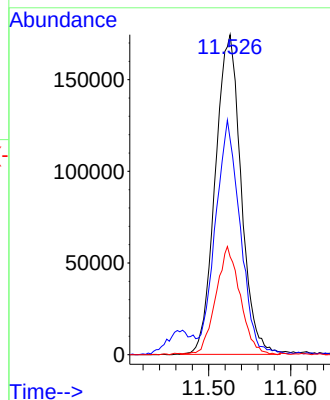
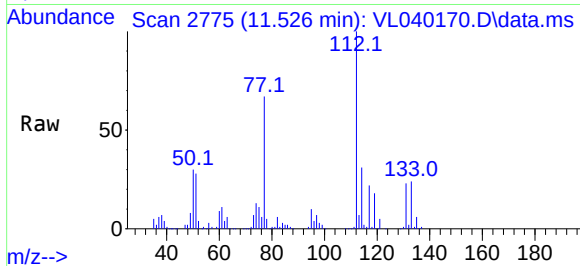




#57
Chlorobenzene
Concen: 2.105 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

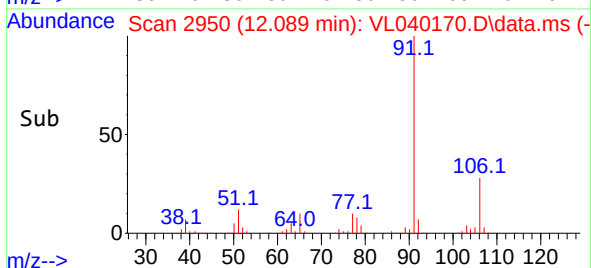
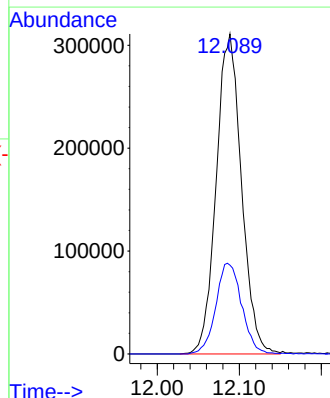
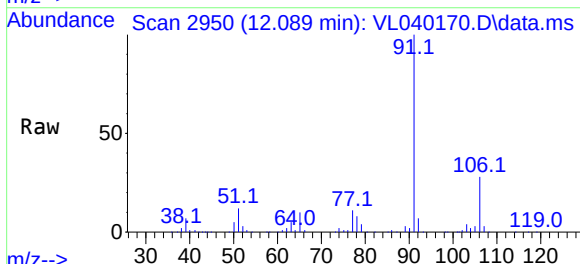
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

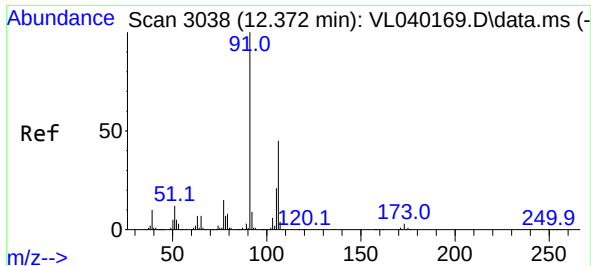
Tgt Ion:112 Resp: 382122
Ion Ratio Lower Upper
112 100
77 66.4 55.0 82.4
114 30.3 29.0 35.4



#58
Ethyl Benzene
Concen: 2.203 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 91 Resp: 665284
Ion Ratio Lower Upper
91 100
106 27.8 24.9 37.3





#59

m/p-Xylene

Concen: 2.111 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.003 min

Lab File: VL040170.D

Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

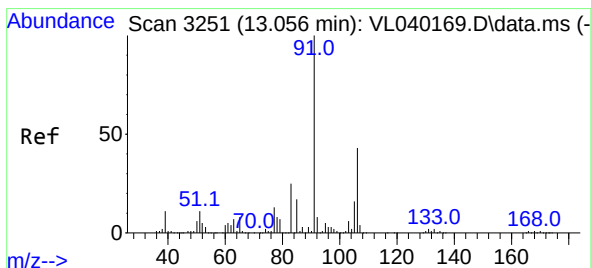
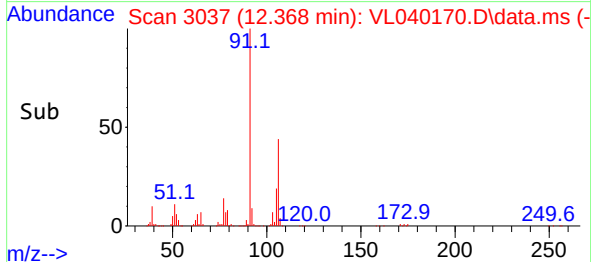
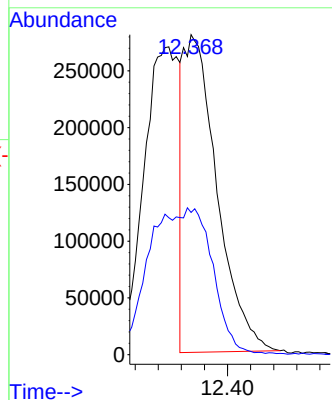
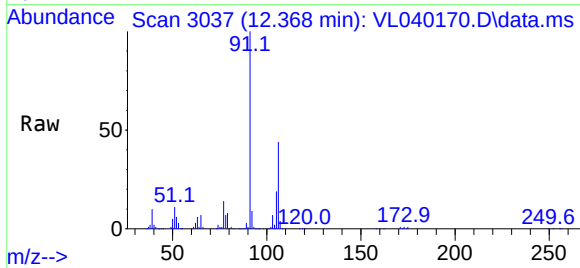
VSTDIC002

Tgt Ion: 91 Resp: 564582

Ion Ratio Lower Upper

91 100

106 88.4 34.6 51.8#



#60

o-Xylene

Concen: 2.182 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL040170.D

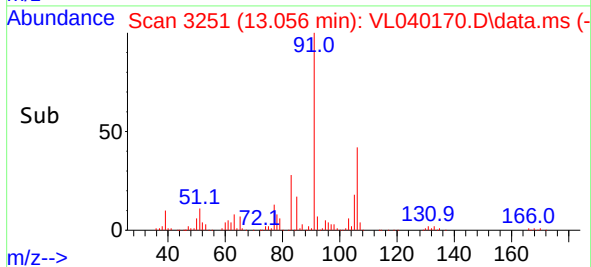
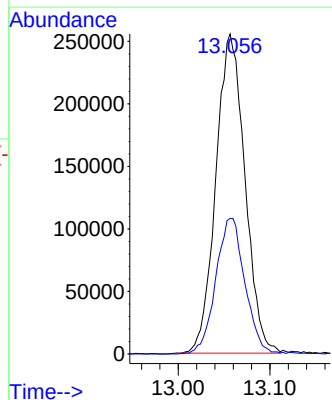
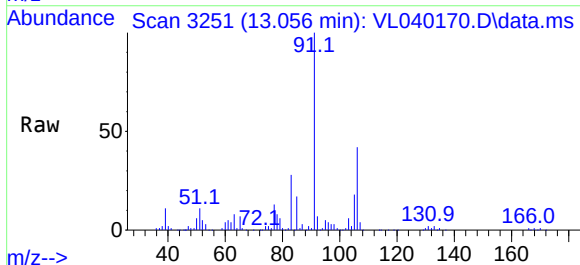
Acq: 15 Feb 2023 11:09

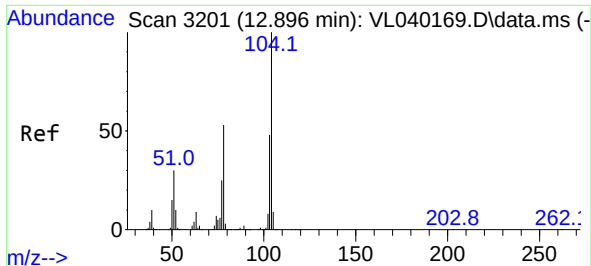
Tgt Ion: 91 Resp: 561470

Ion Ratio Lower Upper

91 100

106 42.8 21.6 65.0

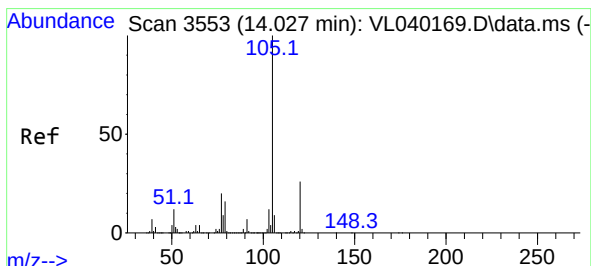
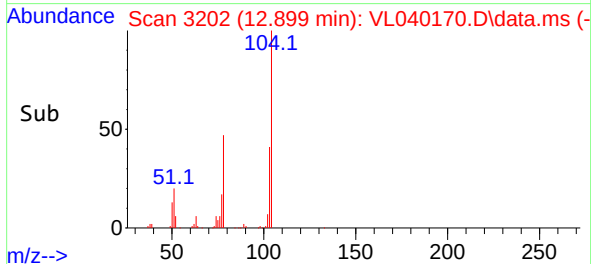
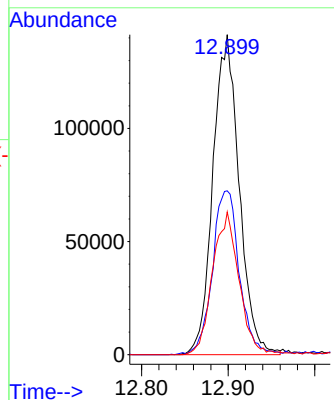
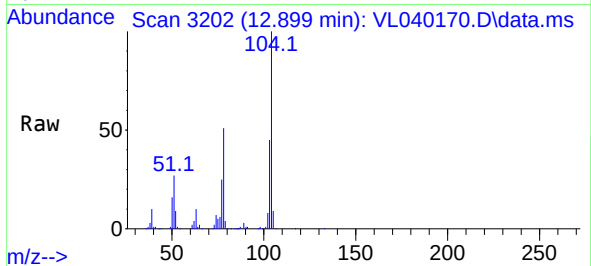




#61
Styrene
Concen: 2.202 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

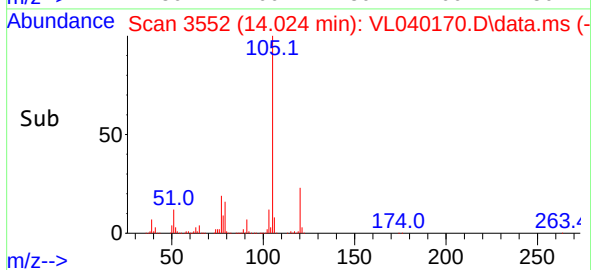
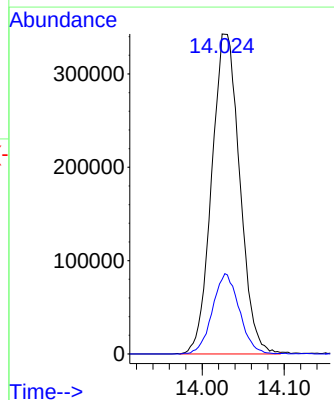
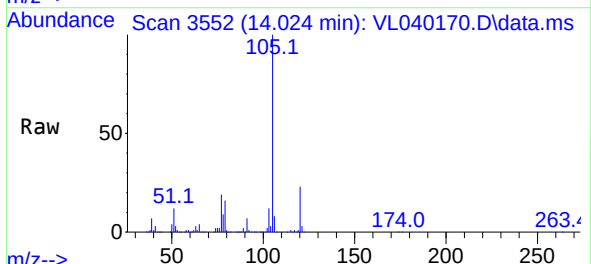
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

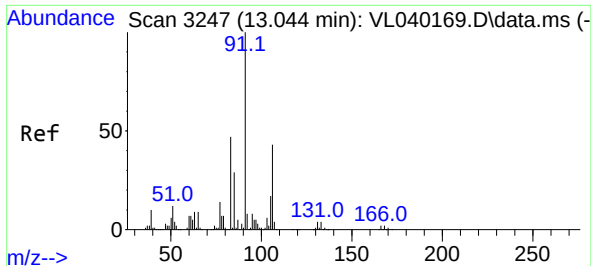
Tgt Ion:104 Resp: 297497
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 45.4 37.5 56.3



#62
Isopropylbenzene
Concen: 2.206 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:105 Resp: 814700
Ion Ratio Lower Upper
105 100
120 24.2 20.3 30.5

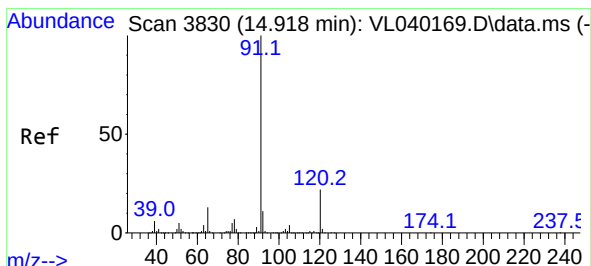
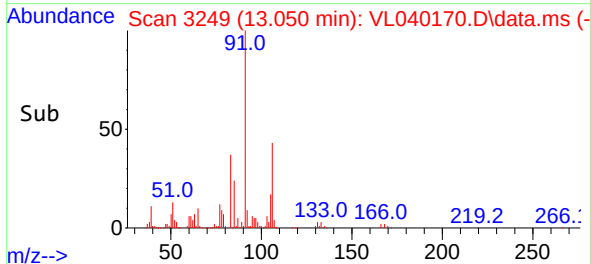
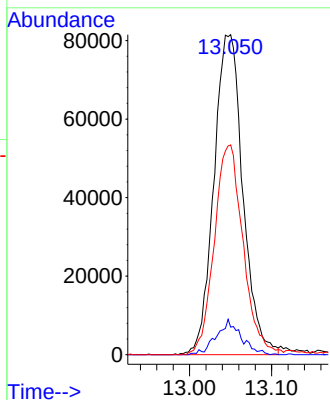
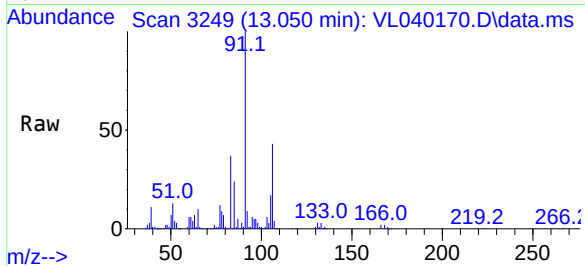




#63
1,1,2,2-Tetrachloroethane
Concen: 2.156 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

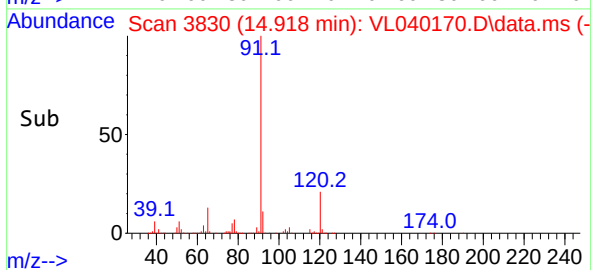
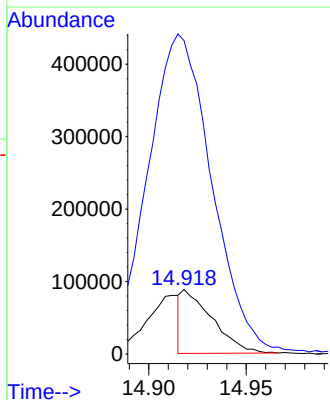
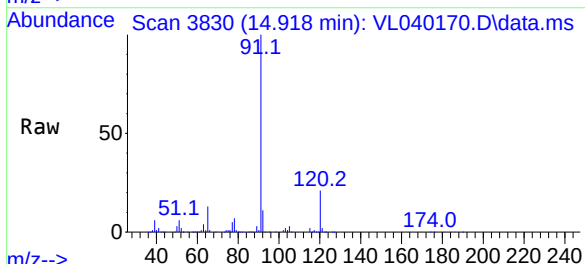
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

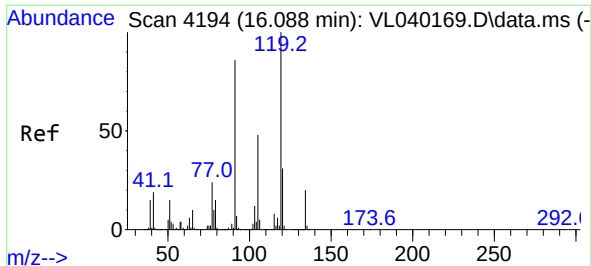
Tgt Ion: 83 Resp: 199936
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 1.046 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:120 Resp: 95580
Ion Ratio Lower Upper
120 100
91 1080.5 389.8 584.8#

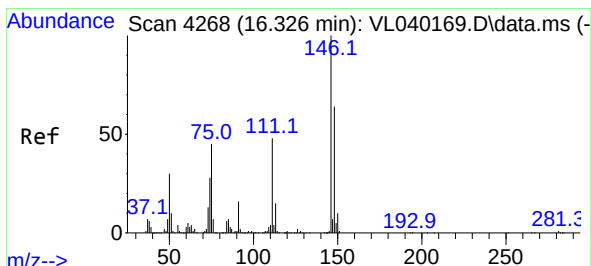
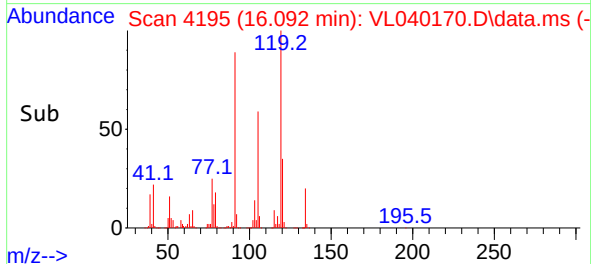
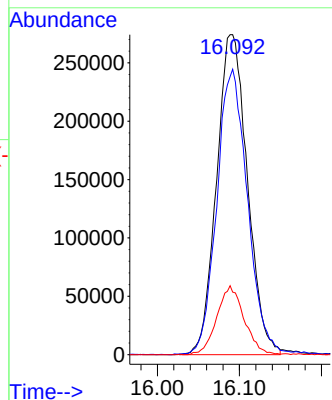
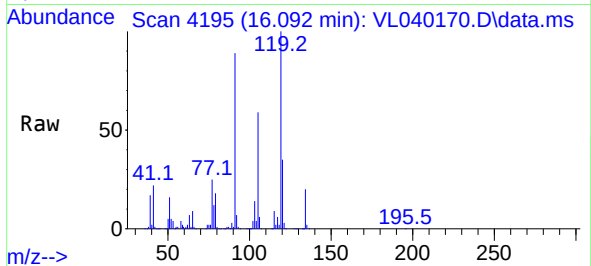




#65
tert-Butylbenzene
Concen: 2.234 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

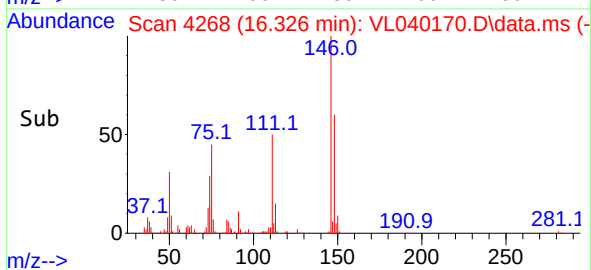
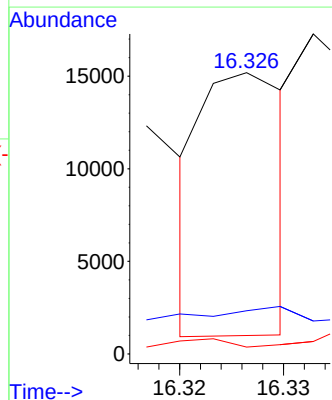
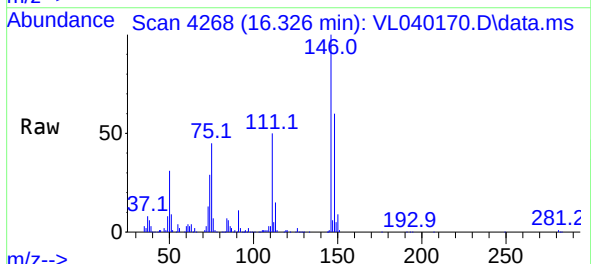
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

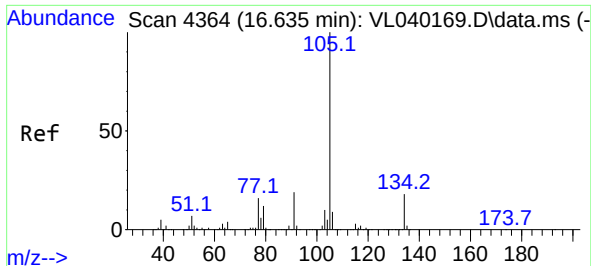
Tgt Ion:119 Resp: 717273
Ion Ratio Lower Upper
119 100
91 89.2 68.6 102.8
134 19.2 15.9 23.9



#66
Benzyl Chloride
Concen: 0.371 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 91 Resp: 7935
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.1 6.1#

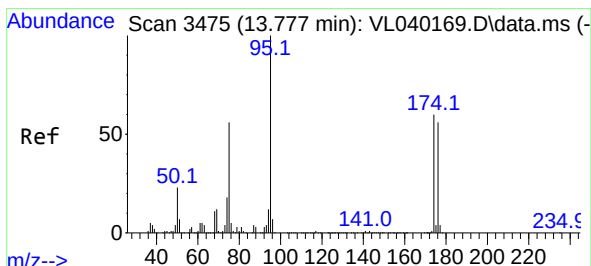
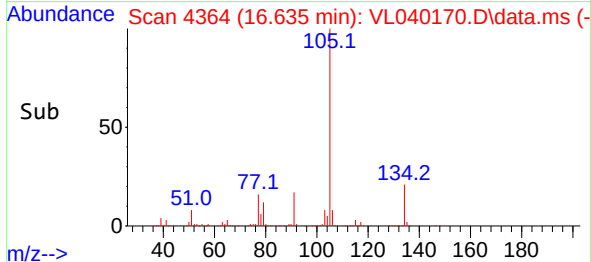
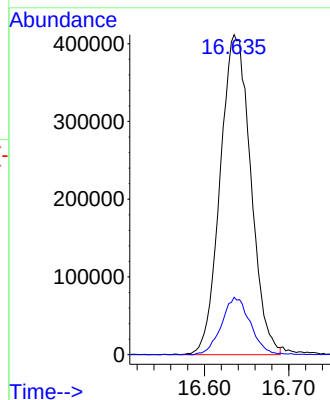
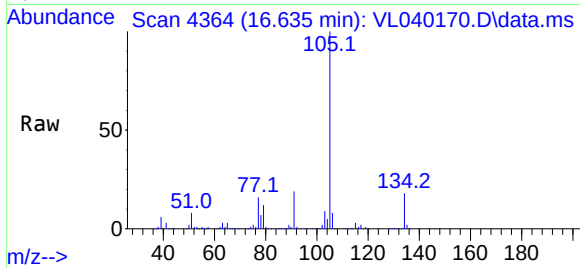




#67
 sec-Butylbenzene
 Concen: 2.250 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

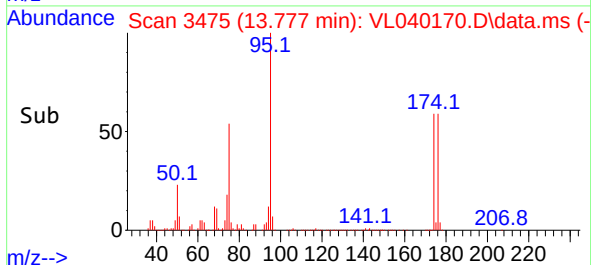
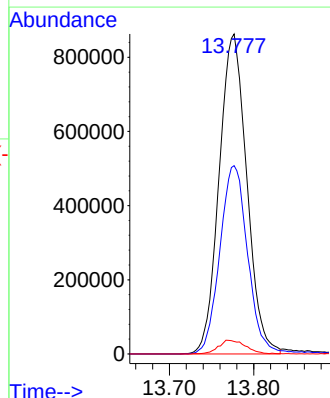
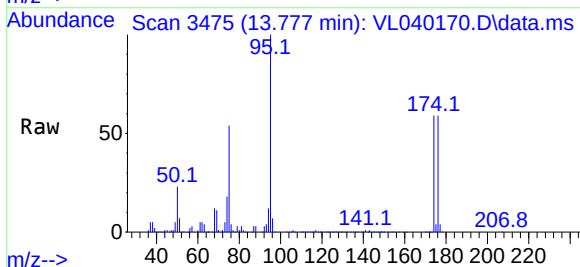
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

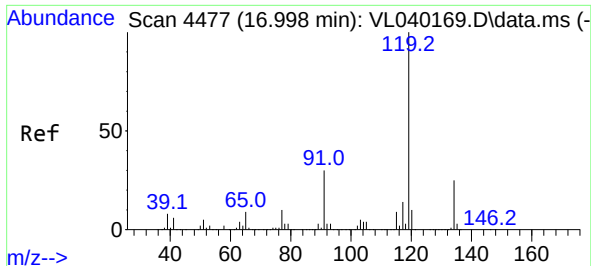
Tgt Ion:105 Resp: 1035822
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.621 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL040170.D
 Acq: 15 Feb 2023 11:09

Tgt Ion: 95 Resp: 1965948
 Ion Ratio Lower Upper
 95 100
 174 60.0 48.2 72.2
 175 4.4 3.4 5.2

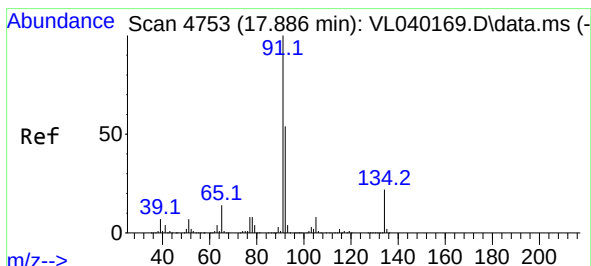
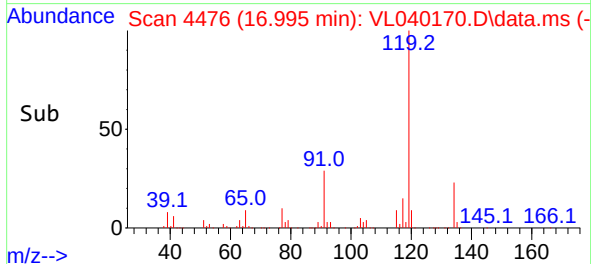
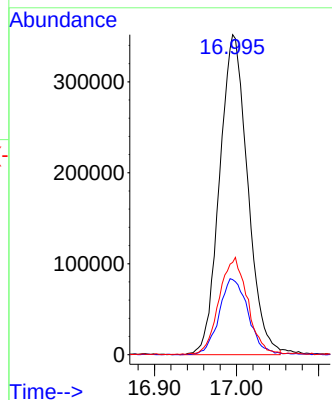
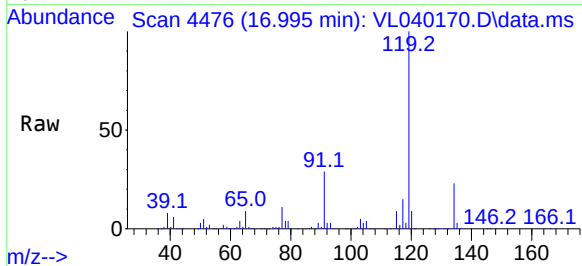




#69
p-Isopropyltoluene
Concen: 2.290 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

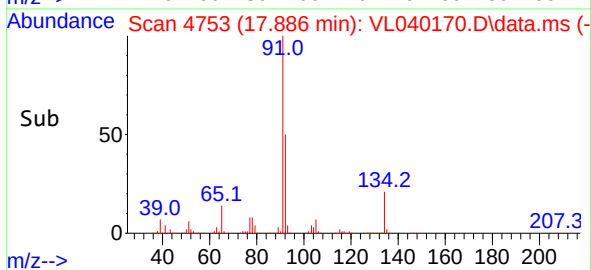
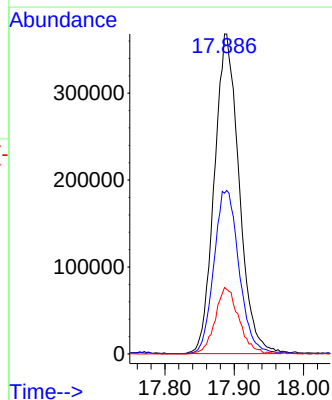
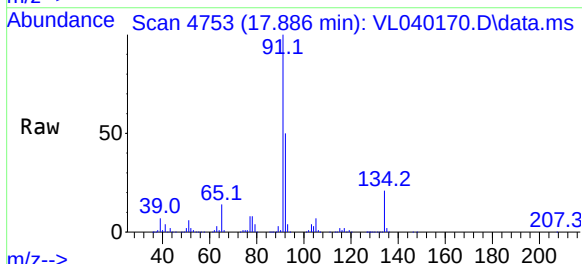
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

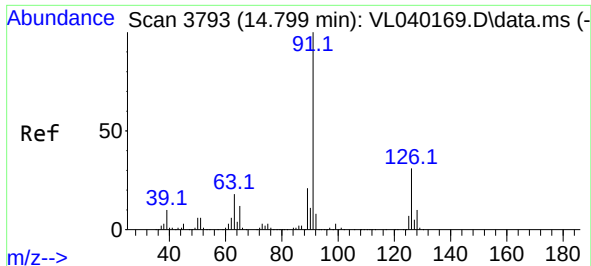
Tgt Ion:119 Resp: 835870
Ion Ratio Lower Upper
119 100
134 24.8 20.2 30.2
91 30.9 24.7 37.1



#70
n-Butylbenzene
Concen: 2.302 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 91 Resp: 911996
Ion Ratio Lower Upper
91 100
92 52.2 43.0 64.6
134 20.1 16.9 25.3

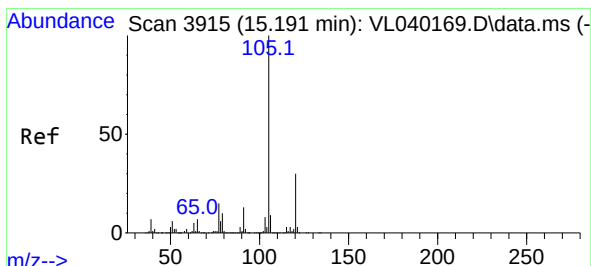
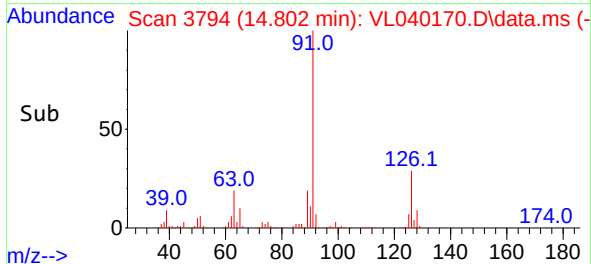
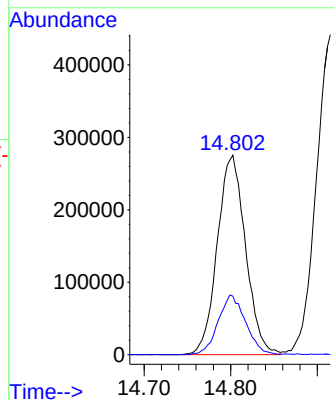
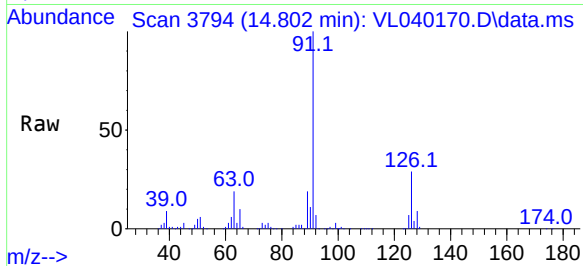




#71
2-Chlorotoluene
Concen: 2.209 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

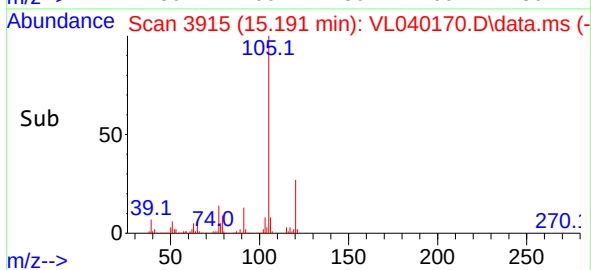
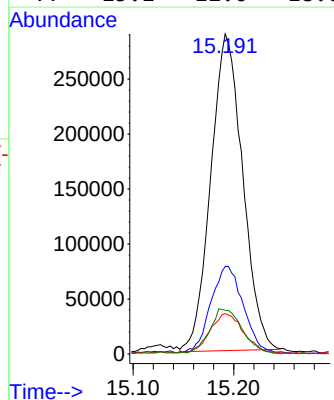
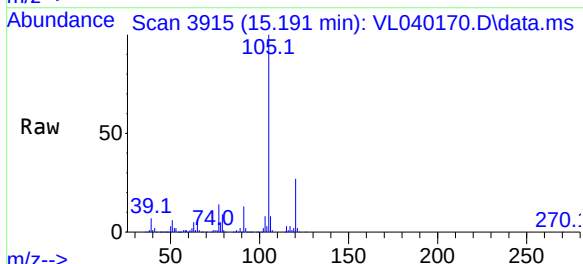
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

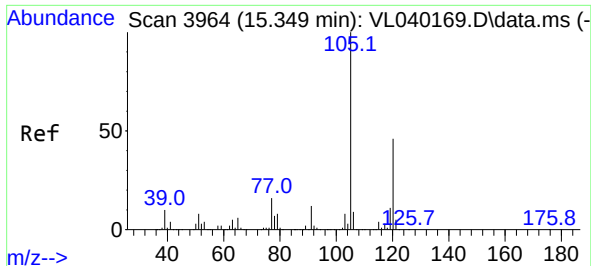
Tgt Ion: 91 Resp: 624009
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.2



#72
4-Ethyltoluene
Concen: 2.229 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion: 105 Resp: 633992
Ion Ratio Lower Upper
105 100
120 29.7 23.2 34.8
91 13.1 11.3 16.9
77 15.1 12.0 18.0

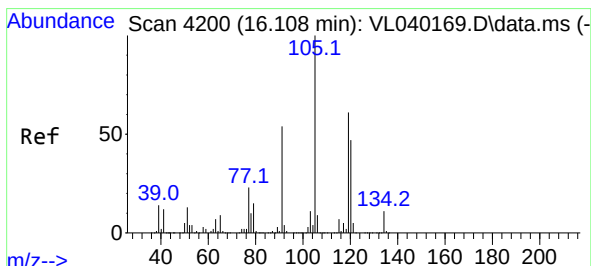
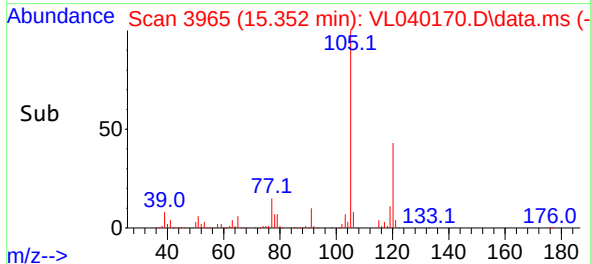
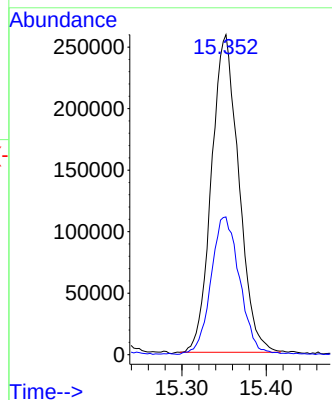
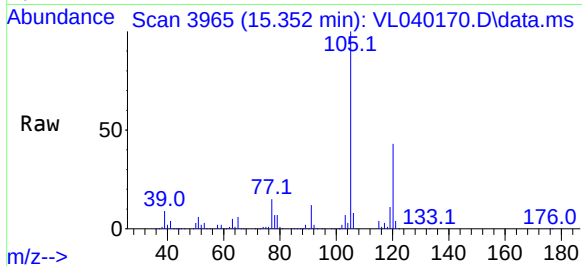




#73
1,3,5-Trimethylbenzene
Concen: 2.197 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

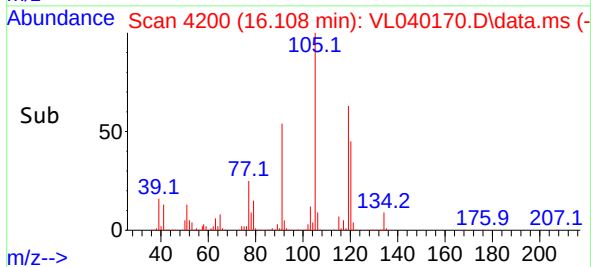
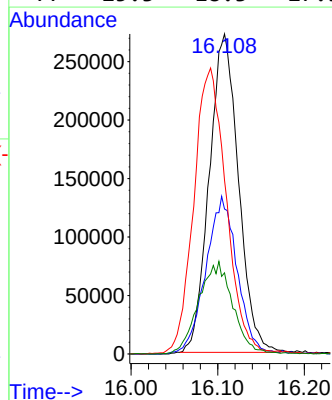
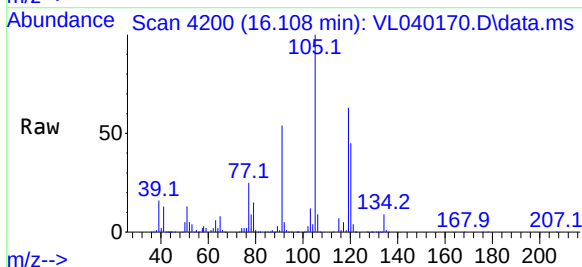
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

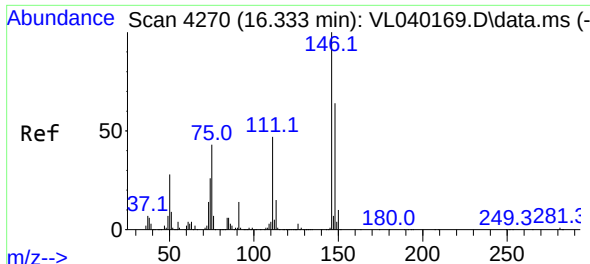
Tgt Ion:105 Resp: 581390
Ion Ratio Lower Upper
105 100
120 43.2 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 2.195 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.000 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:105 Resp: 638263
Ion Ratio Lower Upper
105 100
120 44.9 37.9 56.9
91 53.8 43.7 65.5
77 25.3 18.3 27.5

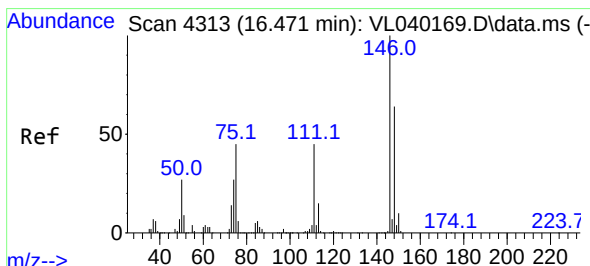
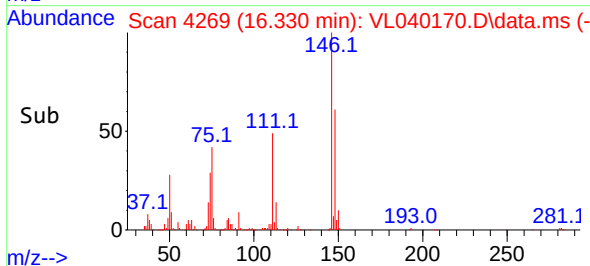
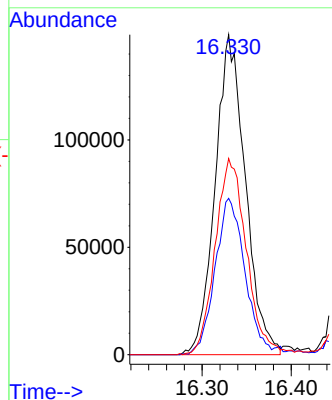
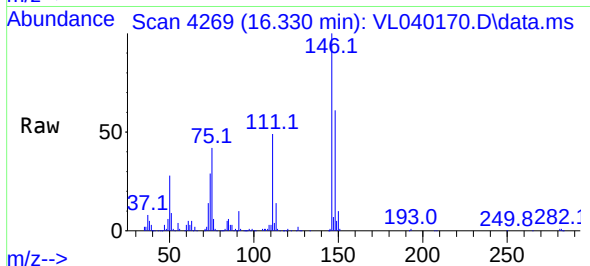




#75
1,3-Dichlorobenzene
Concen: 2.208 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

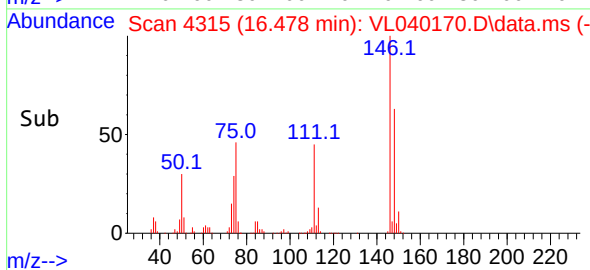
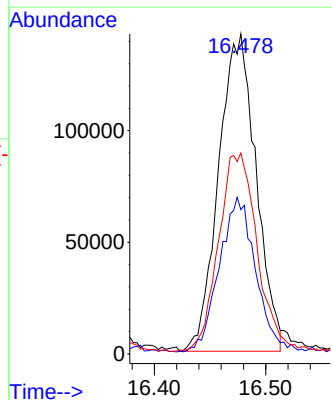
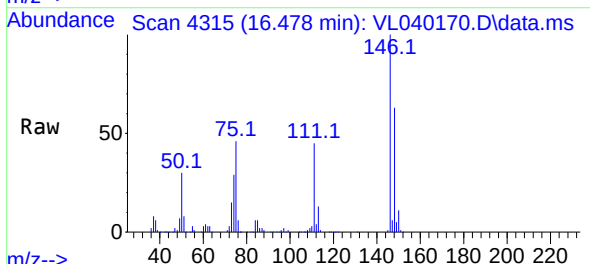
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

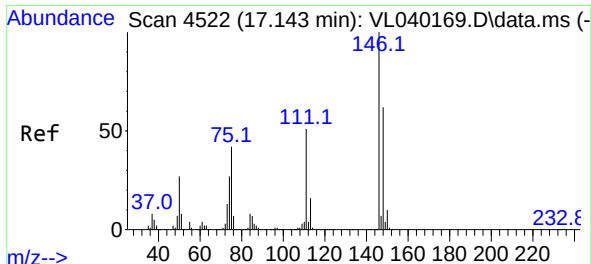
Tgt Ion:146 Resp: 351245
Ion Ratio Lower Upper
146 100
111 49.3 23.9 71.8
148 63.3 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 2.129 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.007 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:146 Resp: 332006
Ion Ratio Lower Upper
146 100
111 50.5 23.5 70.5
148 67.7 32.5 97.4

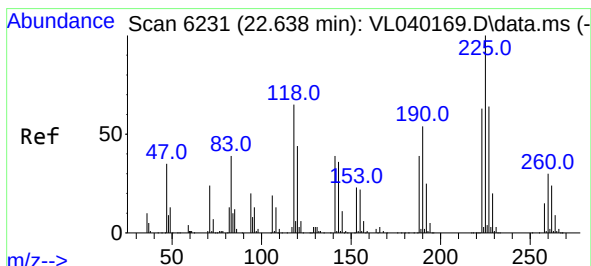
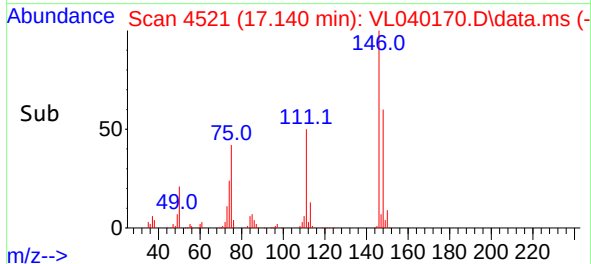
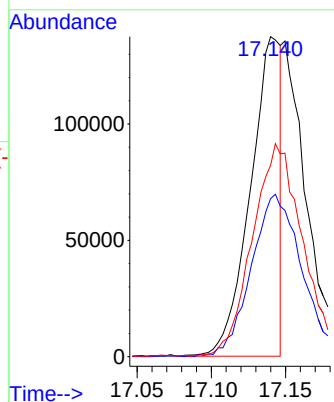
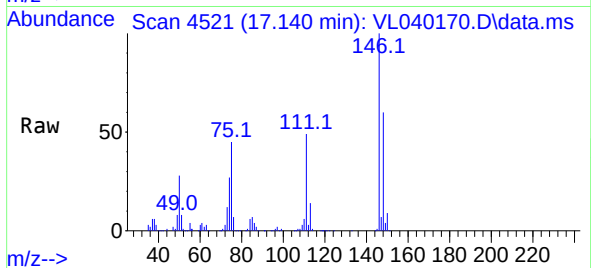




#77
1,2-Dichlorobenzene
Concen: 1.235 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

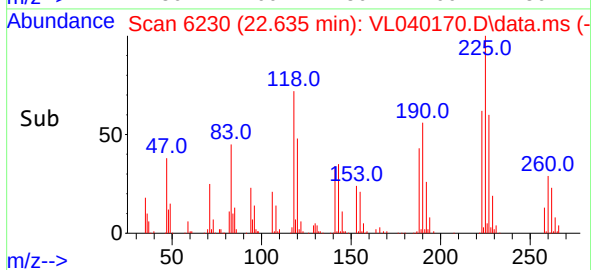
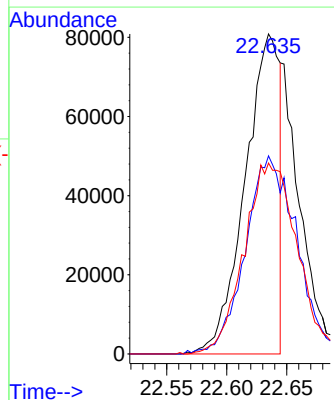
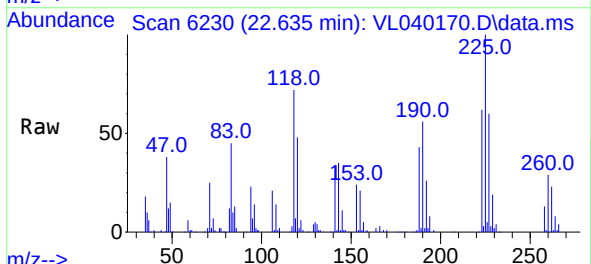
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

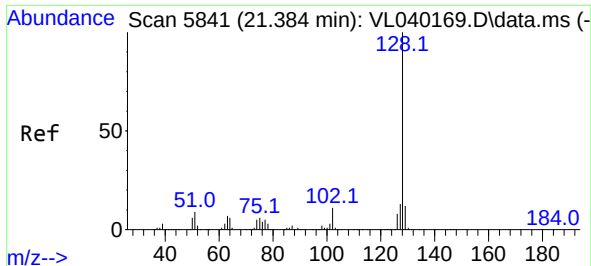
Tgt Ion:146 Resp: 195145
Ion Ratio Lower Upper
146 100
111 88.7 25.3 75.8#
148 115.2 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 1.486 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:225 Resp: 161332
Ion Ratio Lower Upper
225 100
223 92.8 51.0 76.6#
227 92.6 51.2 76.8#

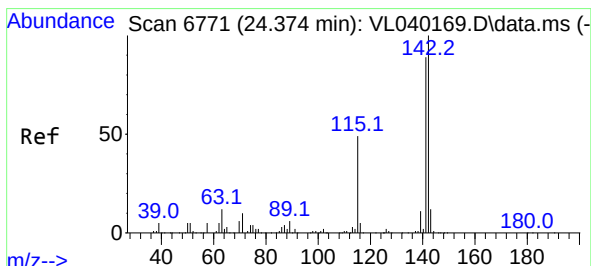
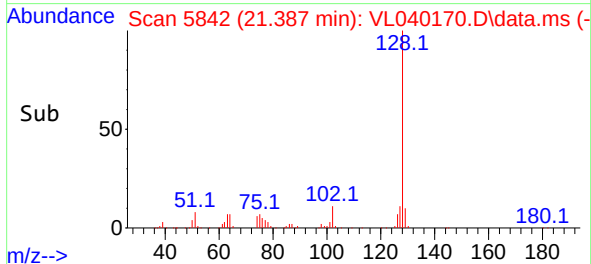
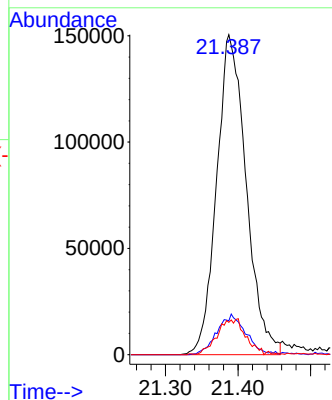
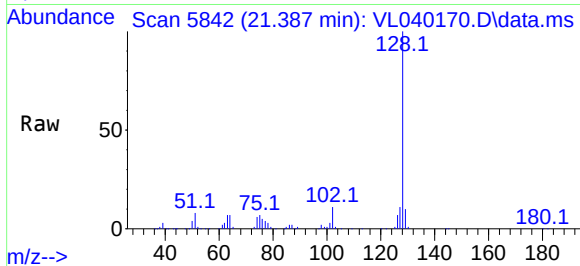




#79
Naphthalene
Concen: 2.602 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.003 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

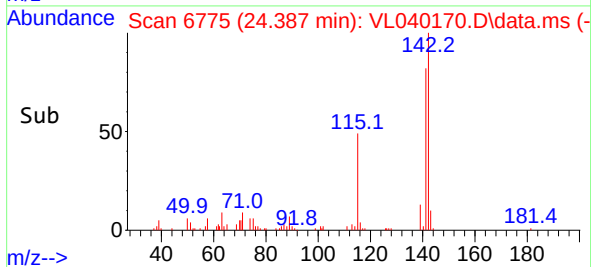
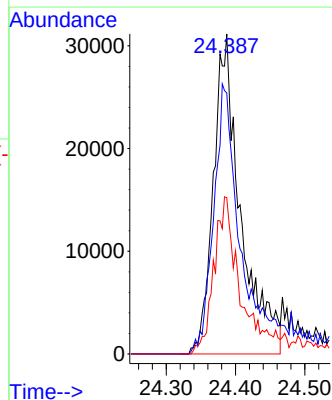
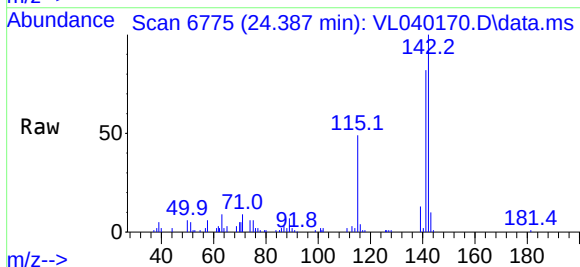
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

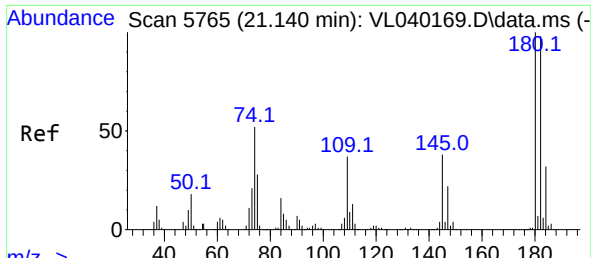
Tgt Ion:128 Resp: 424929
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 10.1 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 1.830 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040170.D
Acq: 15 Feb 2023 11:09

Tgt Ion:142 Resp: 84994
Ion Ratio Lower Upper
142 100
141 89.7 67.3 100.9
115 53.0 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 2.218 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL040170.D

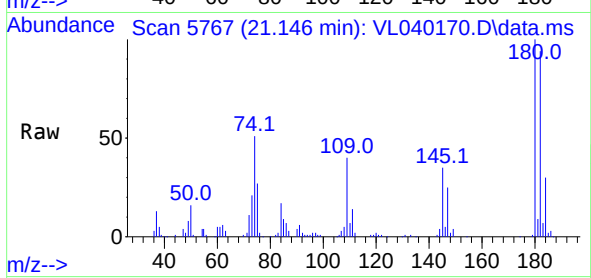
Acq: 15 Feb 2023 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 226663

Ion Ratio Lower Upper

180 100

182 100.4 79.0 118.6

184 32.6 24.6 36.8

