

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040169.D
 Acq On : 15 Feb 2023 10:28
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Feb 16 05:14:26 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	5.179	49	985794	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2572192	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3038683	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2044661	8.183	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1437710	7.825	ppbv	100
3) Chlorodifluoromethane	2.658	51	1072658	9.109	ppbv	100
4) Chloromethane	2.796	50	670009	9.058	ppbv	100
5) Vinyl Chloride	2.902	62	577325	9.712	ppbv	100
6) Bromomethane	3.102	94	201022	9.370	ppbv	100
7) Chloroethane	3.182	64	211801	8.985	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	1446431	9.136	ppbv	100
9) Propene	2.677	41	448117	9.335	ppbv	100
10) Heptane	7.571	43	1140377	9.981	ppbv	100
11) Trichlorofluoromethane	3.549	101	1475096	8.948	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1106904	9.102	ppbv	100
13) Ethanol	3.224	45	14371	3.252	ppbv #	34
14) Bromoethene	3.349	108	453401	9.722	ppbv	100
15) Acetone	3.452	43	1008466	8.497	ppbv	100
16) 1,3-Butadiene	2.967	39	531358	9.803	ppbv	100
17) tert-Butyl alcohol	3.861	59	1076140	9.942	ppbv	100
18) 1,1-Dichloroethene	3.864	96	486900	9.214	ppbv	100
19) Isopropyl Alcohol	3.558	45	511353	9.064	ppbv #	98
20) Methylene Chloride	3.918	84	422328	6.836	ppbv	100
21) Allyl Chloride	3.983	41	732008	10.056	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	522120	9.542	ppbv	100
23) Vinyl Acetate	4.610	43	361043	10.024	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1056465	9.384	ppbv	100
25) Ethyl Acetate	5.192	43	2081344	9.434	ppbv	100
26) Hexane	5.201	57	871716	9.204	ppbv	100
27) Carbon Disulfide	4.108	76	1252289	10.420	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	961181	9.471	ppbv	100
29) Chloroform	5.263	83	1497913	9.210	ppbv	100
30) Cyclohexane	6.594	84	745582	10.025	ppbv	100
31) cis-1,2-Dichloroethene	5.066	61	815266	9.059	ppbv	100
32) 1,1,1-Trichloroethane	5.992	97	1503825	9.842	ppbv	100
34) 2-Butanone	4.774	43	1171309	9.231	ppbv	100
35) Carbon Tetrachloride	6.484	117	1560919	10.265	ppbv	100
36) Benzene	6.362	78	1912279	9.553	ppbv	100
37) 1,2-Dichloroethane	5.796	62	1169256	9.340	ppbv	100
38) Trichloroethene	7.285	130	1135776	10.297	ppbv	100
39) 1,2-Dichloropropane	7.066	63	725936	9.322	ppbv	100
40) 1,4-Dioxane	7.278	88	291936	9.372	ppbv	100
41) Tetrahydrofuran	5.545	42	731844	9.953	ppbv	100
42) Bromodichloromethane	7.240	83	1668613	9.656	ppbv	100
43) Methyl Methacrylate	7.468	69	758463	10.240	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	3122099	9.343	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	743556	11.317	ppbv	100

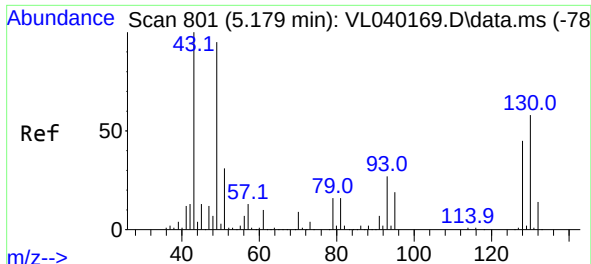
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040169.D
 Acq On : 15 Feb 2023 10:28
 Operator : SY/MD
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Instrument :
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 ClientSampleId :
 VSTDICCC010

Quant Time: Feb 16 05:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	997411	10.897	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	792375	9.408	ppbv	100
48) Dibromochloromethane	9.706	129	1383366	10.269	ppbv	100
49) Bromoform	12.407	173	1106895	10.527	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	1941524	9.855	ppbv	100
51) 2-Hexanone	9.545	43	1525821	10.070	ppbv #	100
52) Tetrachloroethene	10.610	164	649582	10.392	ppbv	100
53) Toluene	9.214	91	2185059	10.192	ppbv	100
54) 1,2-Dibromoethane	10.002	107	902607	10.300	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	980105	7.684	ppbv	98
57) Chlorobenzene	11.523	112	1686589	7.597	ppbv	100
58) Ethyl Benzene	12.085	91	2984162	8.083	ppbv	100
59) m/p-Xylene	12.372	91	2761928	8.446	ppbv #	42
60) o-Xylene	13.056	91	2465052	7.834	ppbv	100
61) Styrene	12.896	104	1437144	8.700	ppbv	100
62) Isopropylbenzene	14.027	105	3460448	7.662	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	812842	7.169	ppbv	100
64) n-propylbenzene	14.918	120	892659	7.986	ppbv	100
65) tert-Butylbenzene	16.088	119	3030876	7.720	ppbv	100
66) Benzyl Chloride	16.326	91	209083	8.003	ppbv	100
67) sec-Butylbenzene	16.635	105	4274706	7.592	ppbv	100
69) p-Isopropyltoluene	16.998	119	3461992	7.756	ppbv	100
70) n-Butylbenzene	17.886	91	3683464	7.603	ppbv	100
71) 2-Chlorotoluene	14.799	91	2677656	7.752	ppbv	100
72) 4-Ethyltoluene	15.191	105	2795564	8.037	ppbv	100
73) 1,3,5-Trimethylbenzene	15.349	105	2496417	7.713	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	2703720	7.605	ppbv	100
75) 1,3-Dichlorobenzene	16.333	146	1487917	7.648	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1460400	7.660	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1416598	7.330	ppbv	100
78) Hexachloro-1,3-Butadiene	22.638	225	905390	6.819	ppbv	100
79) Naphthalene	21.384	128	1881441	9.420	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	557006	9.807	ppbv	100
81) 1,2,4-Trichlorobenzene	21.140	180	989134	7.914	ppbv	100

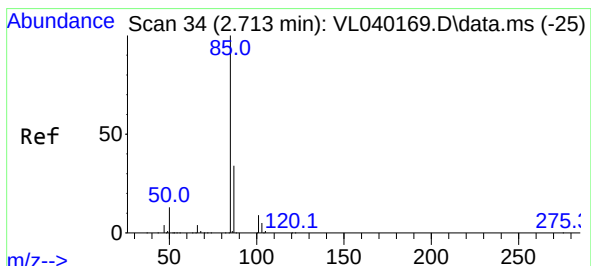
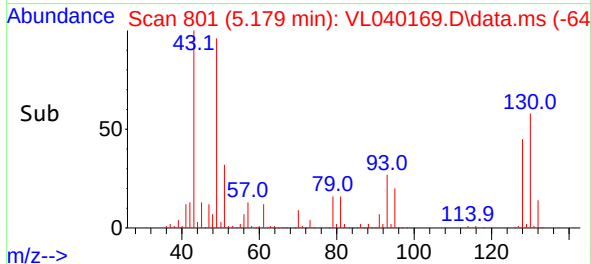
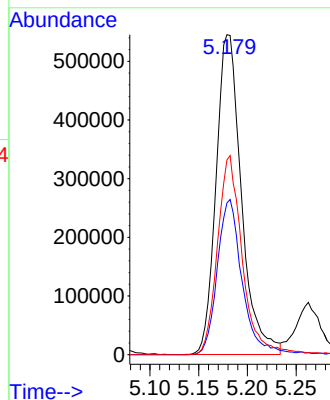
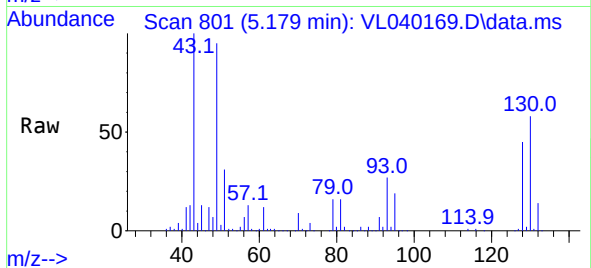
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

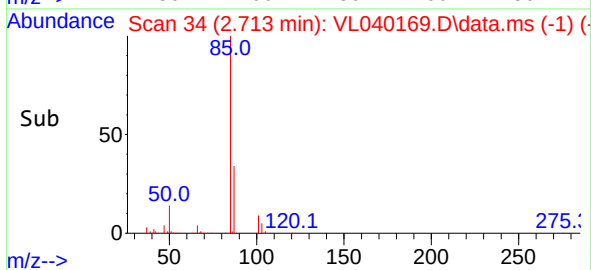
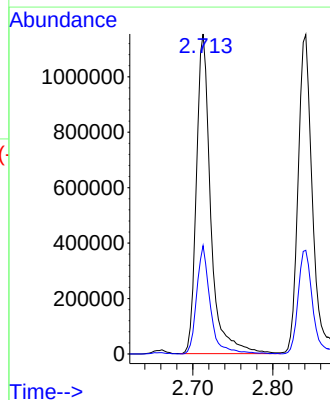
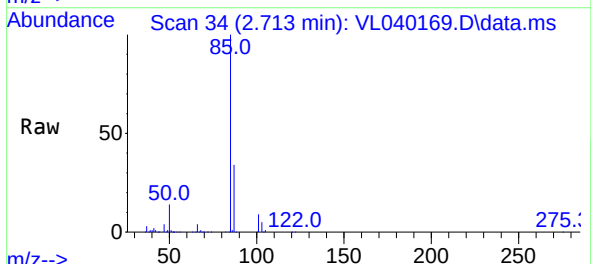
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

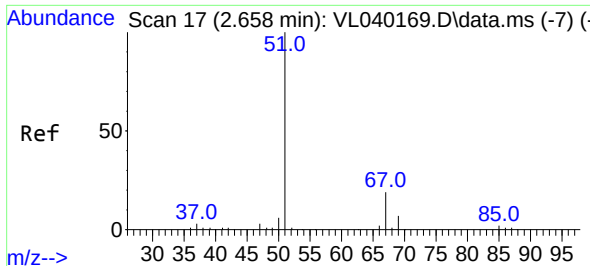
Tgt Ion: 49 Resp: 985794
Ion Ratio Lower Upper
49 100
128 48.2 24.1 72.3
130 61.9 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 7.825 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 85 Resp: 1437710
Ion Ratio Lower Upper
85 100
87 33.8 27.0 40.6

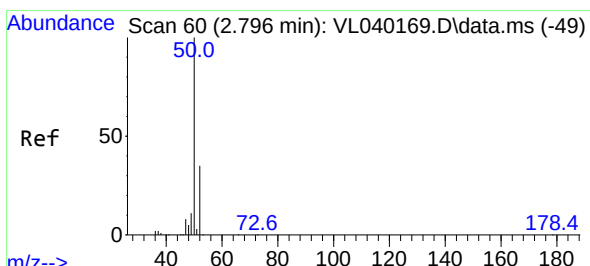
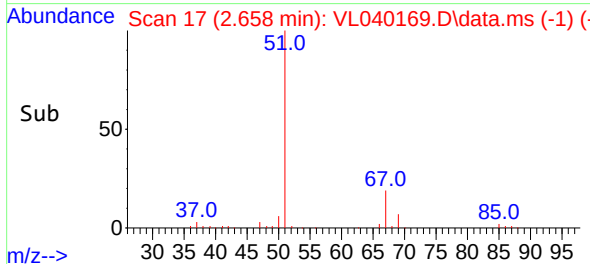
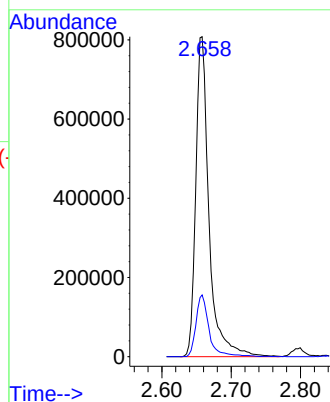
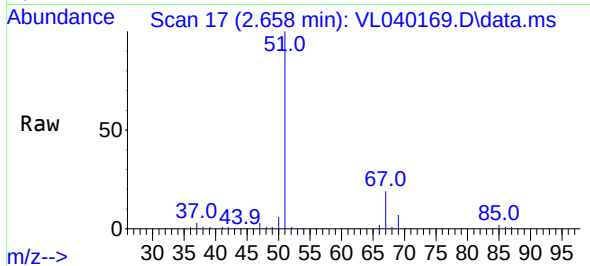




#3
Chlorodifluoromethane
Concen: 9.109 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

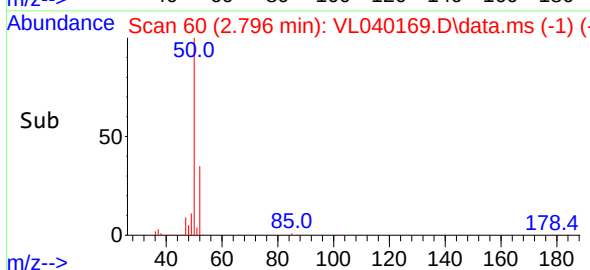
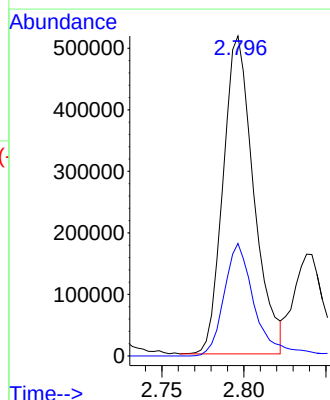
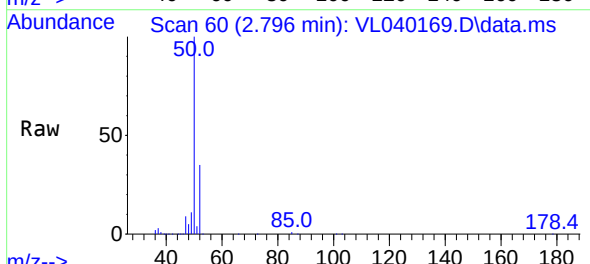
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1072658
Ion Ratio Lower Upper
51 100
67 19.3 15.4 23.2

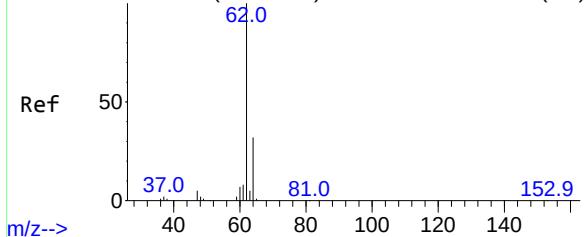


#4
Chloromethane
Concen: 9.058 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 50 Resp: 670009
Ion Ratio Lower Upper
50 100
52 35.4 28.3 42.5



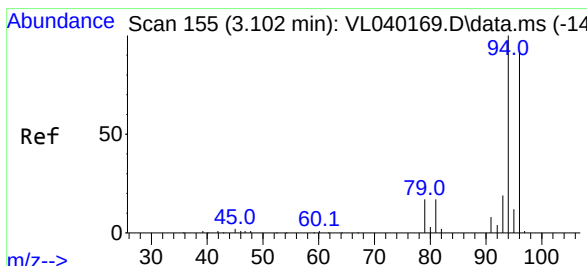
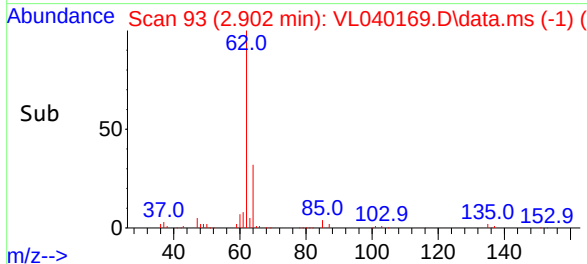
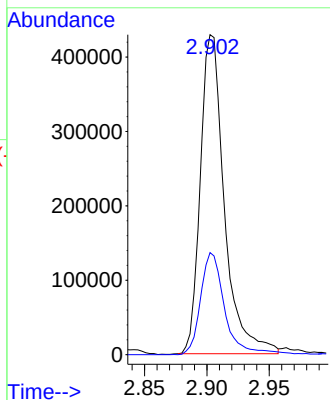
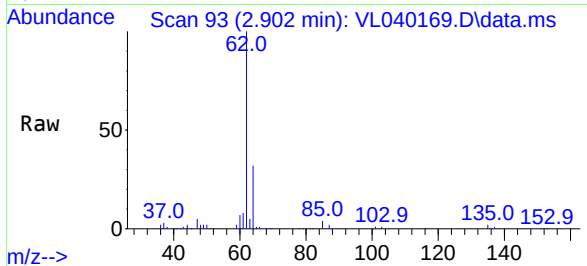
Abundance Scan 93 (2.902 min): VL040169.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 9.712 ppbv
RT: 2.902 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

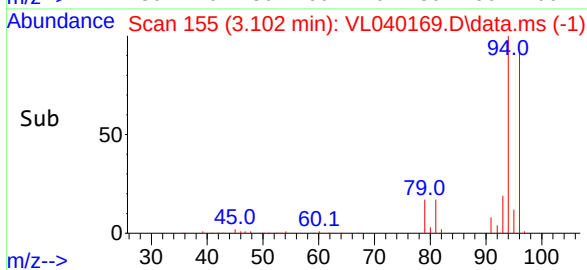
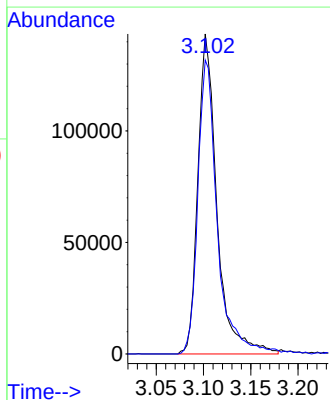
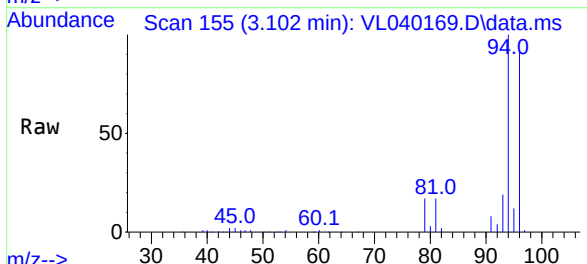
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

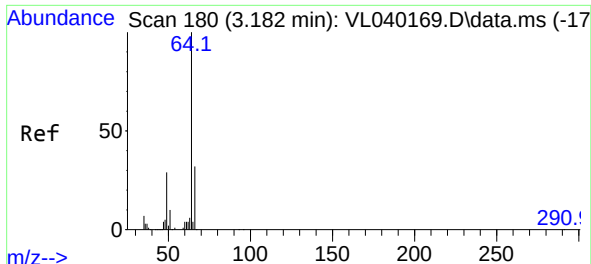
Tgt Ion: 62 Resp: 577325
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4



#6
Bromomethane
Concen: 9.370 ppbv
RT: 3.102 min Scan# 155
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 94 Resp: 201022
Ion Ratio Lower Upper
94 100
96 91.8 73.4 110.2

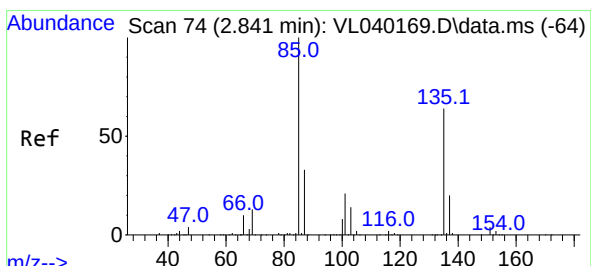
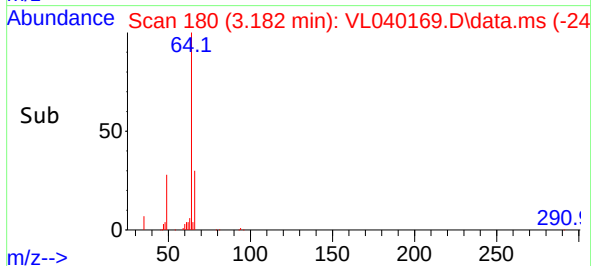
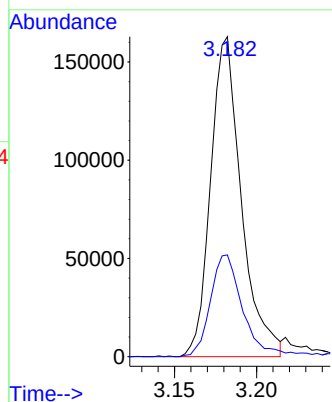
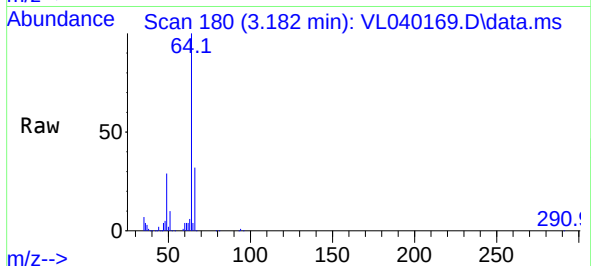




#7
Chloroethane
Concen: 8.985 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

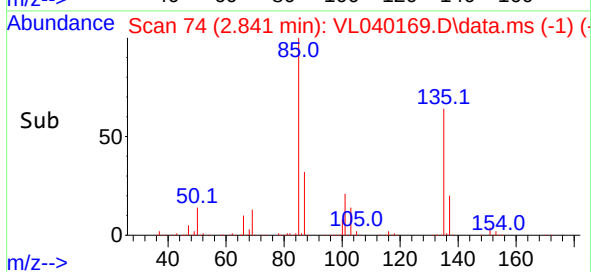
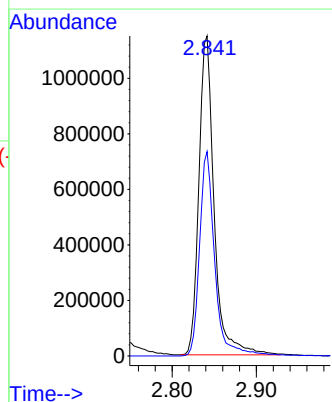
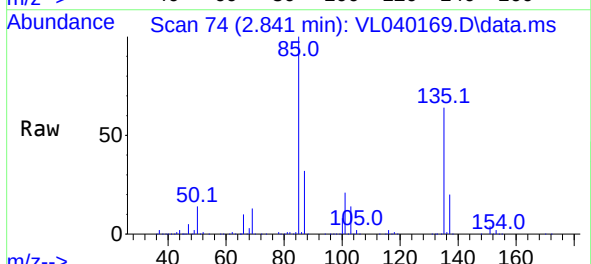
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 211801
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

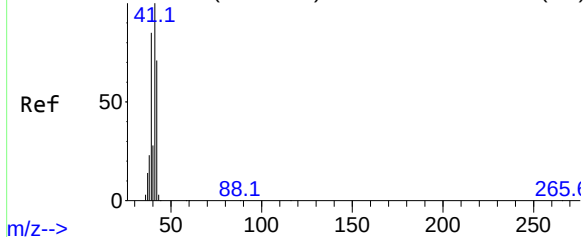


#8
Dichlorotetrafluoroethane
Concen: 9.136 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

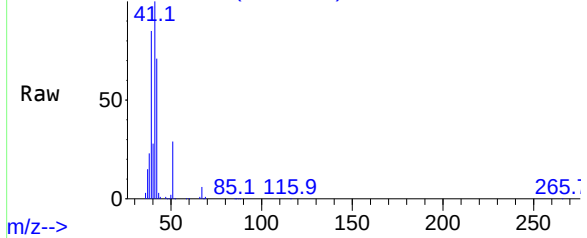
Tgt Ion: 85 Resp: 1446431
Ion Ratio Lower Upper
85 100
135 64.4 51.5 77.3



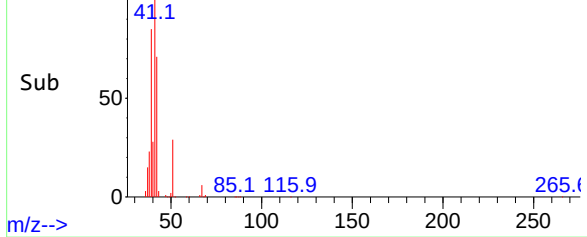
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Abundance Scan 23 (2.677 min): VL040169.D\data.ms



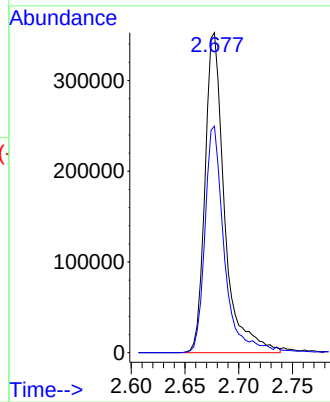
Abundance Scan 23 (2.677 min): VL040169.D\data.ms (-1)



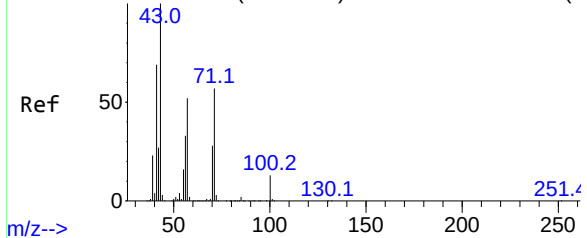
#9
Propene
Concen: 9.335 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

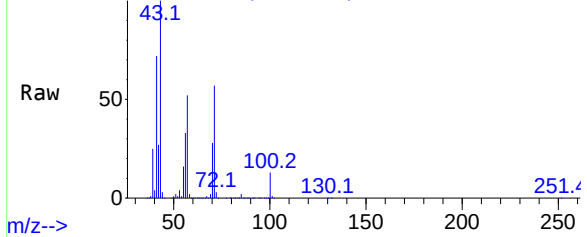
Tgt Ion: 41 Resp: 448117
Ion Ratio Lower Upper
41 100
42 71.1 56.9 85.3



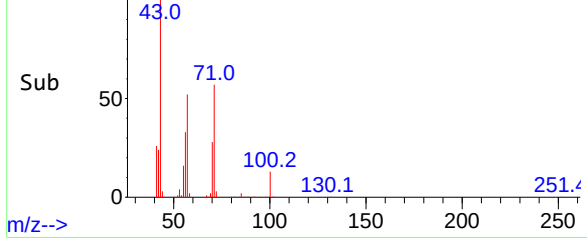
Abundance Scan 1545 (7.571 min): VL040169.D\data.ms (-1)



Abundance Scan 1545 (7.571 min): VL040169.D\data.ms

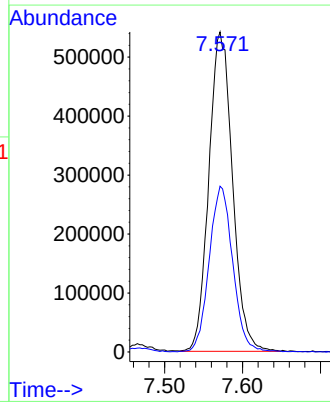


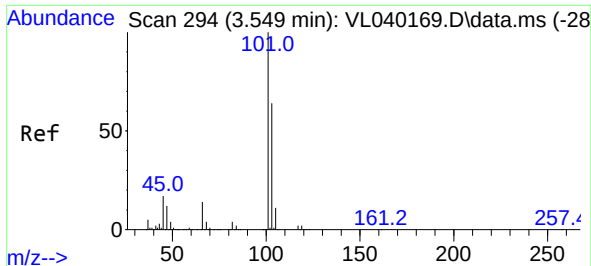
Abundance Scan 1545 (7.571 min): VL040169.D\data.ms (-1)



#10
Heptane
Concen: 9.981 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 43 Resp: 1140377
Ion Ratio Lower Upper
43 100
57 52.0 41.4 62.2

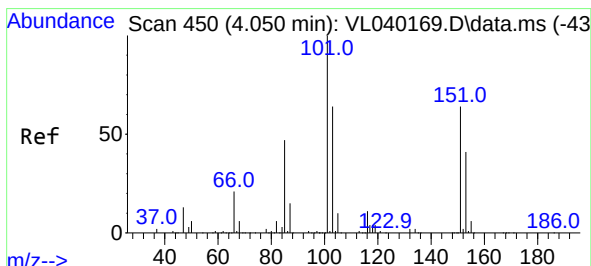
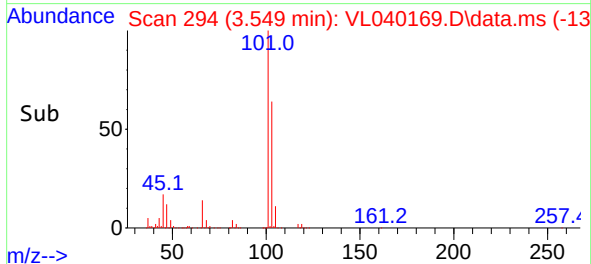
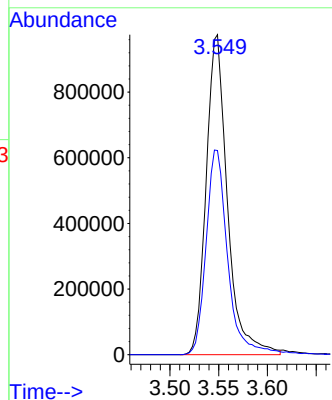
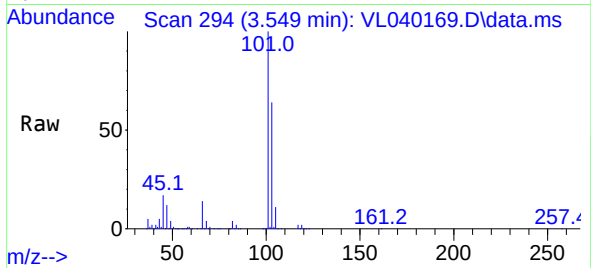




#11
Trichlorofluoromethane
Concen: 8.948 ppbv
RT: 3.549 min Scan# 294
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

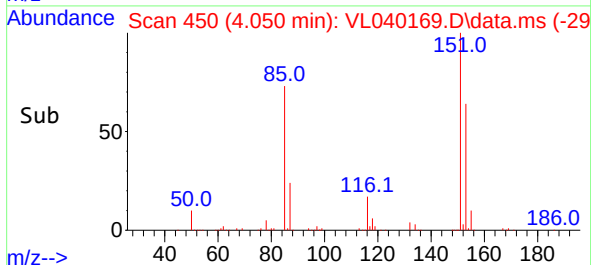
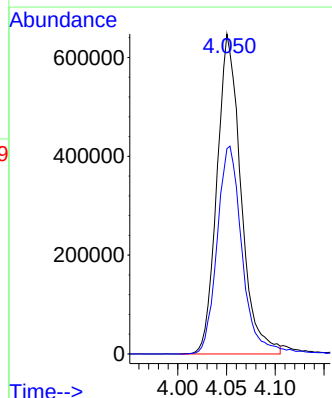
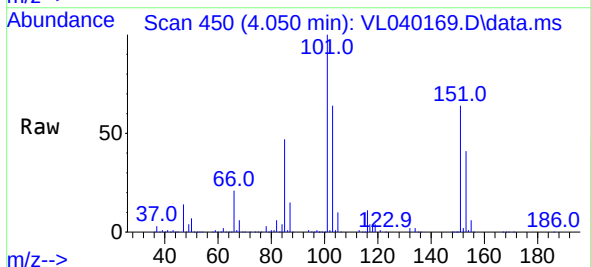
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

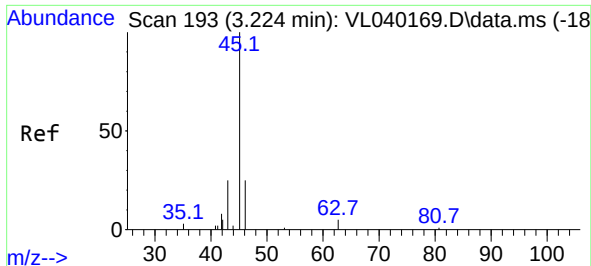
Tgt Ion:101 Resp: 1475096
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.102 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:101 Resp: 1106904
Ion Ratio Lower Upper
101 100
151 68.4 54.7 82.1

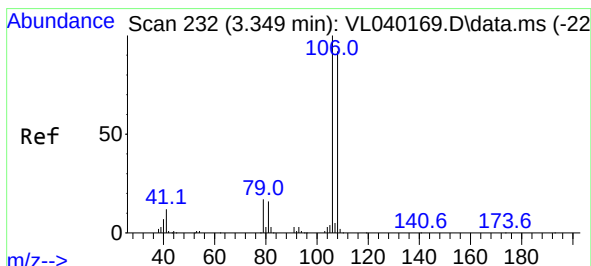
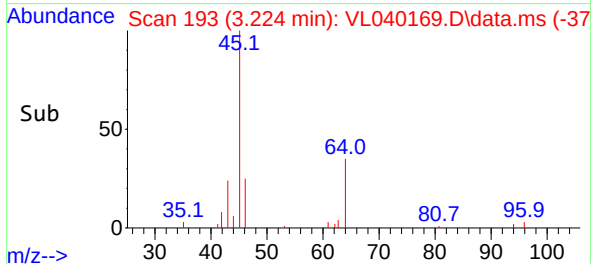
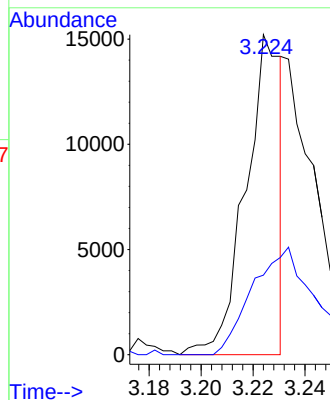
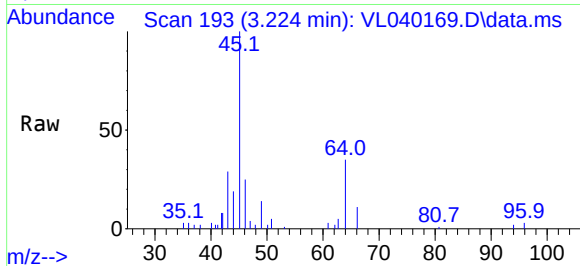




#13
Ethanol
Concen: 3.252 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

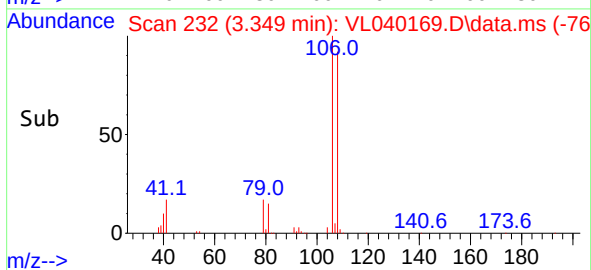
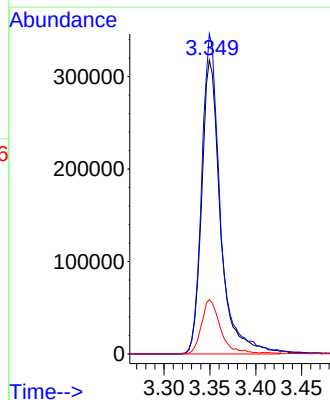
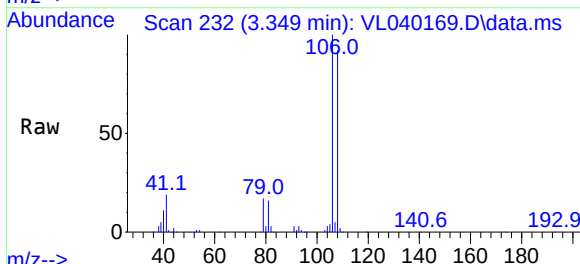
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

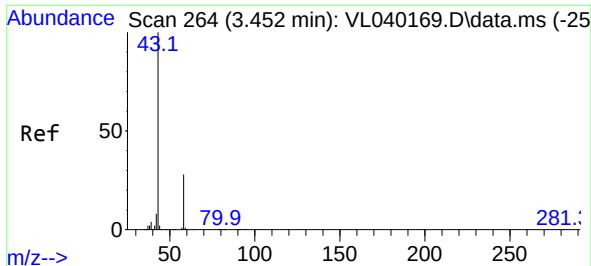
Tgt Ion: 45 Resp: 14371
Ion Ratio Lower Upper
45 100
46 70.4 13.3 53.1#



#14
Bromoethene
Concen: 9.722 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 108 Resp: 453401
Ion Ratio Lower Upper
108 100
106 109.0 87.1 130.7
79 19.5 15.4 23.2

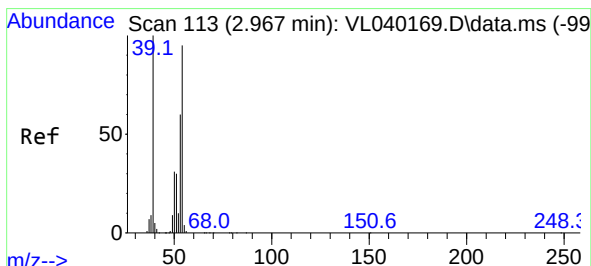
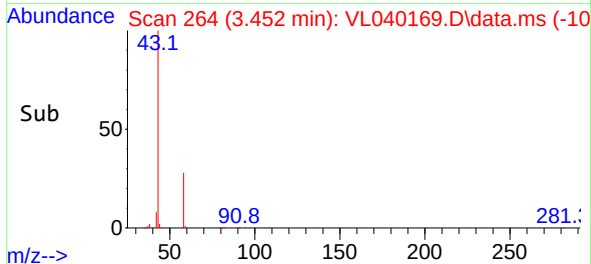
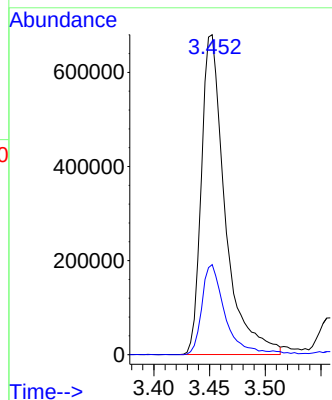
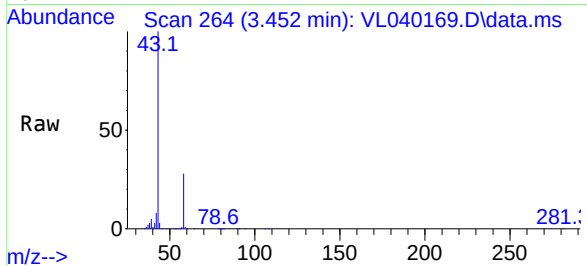




#15
Acetone
Concen: 8.497 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

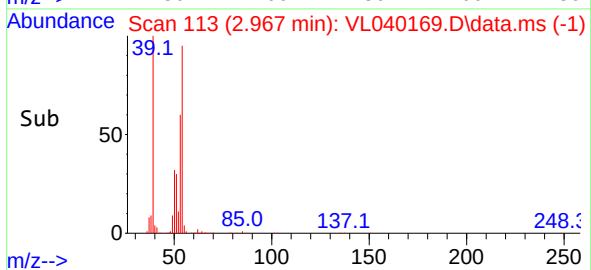
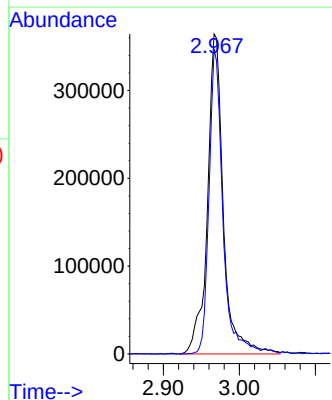
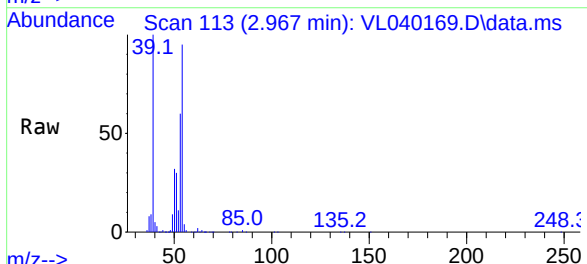
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

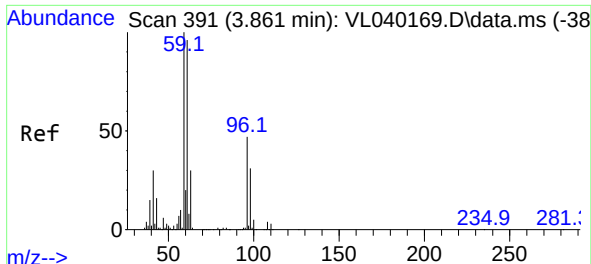
Tgt Ion: 43 Resp: 1008466
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6



#16
1,3-Butadiene
Concen: 9.803 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 39 Resp: 531358
Ion Ratio Lower Upper
39 100
54 83.4 66.7 100.1

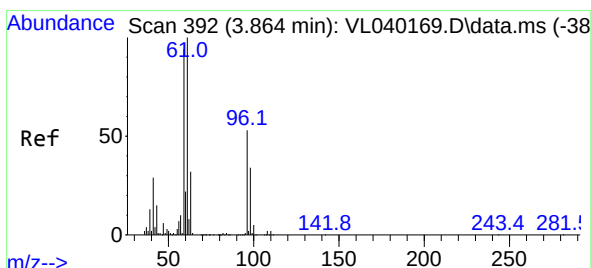
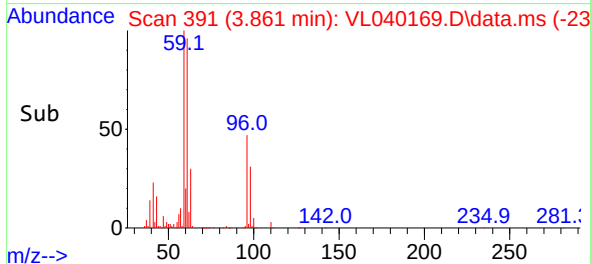
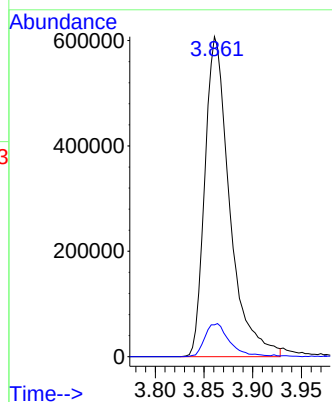
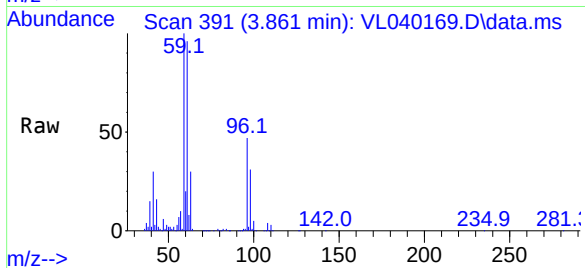




#17
tert-Butyl alcohol
Concen: 9.942 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

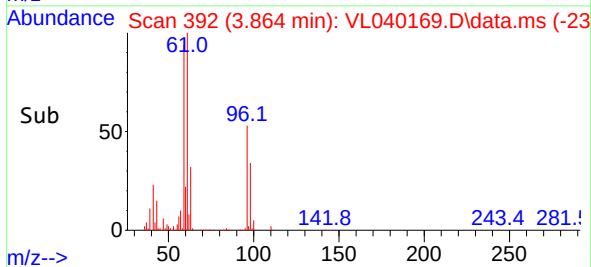
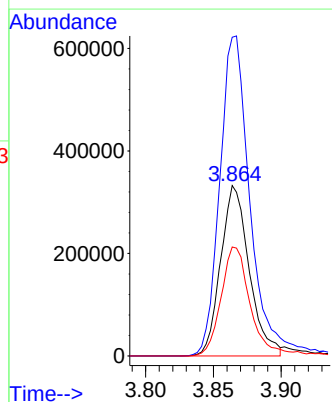
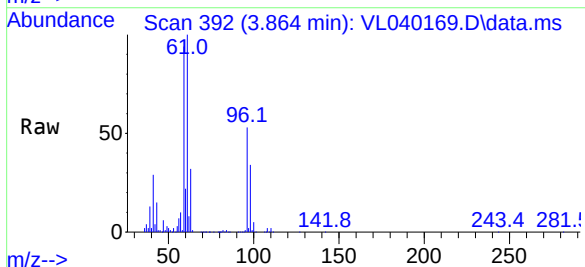
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

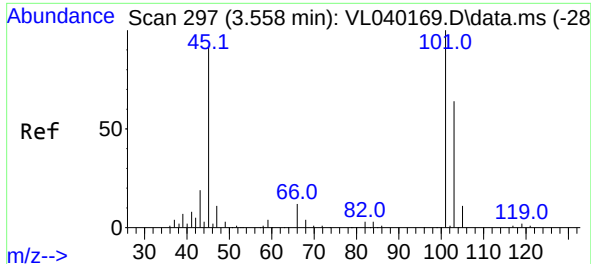
Tgt Ion: 59 Resp: 1076140
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.214 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 96 Resp: 486900
Ion Ratio Lower Upper
96 100
61 187.0 149.6 224.4
98 63.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.064 ppbv

RT: 3.558 min Scan# 297

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

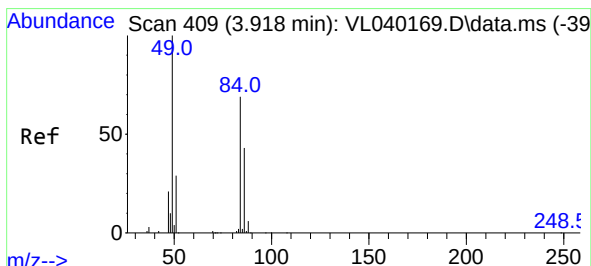
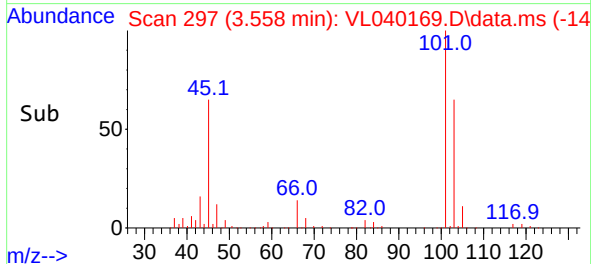
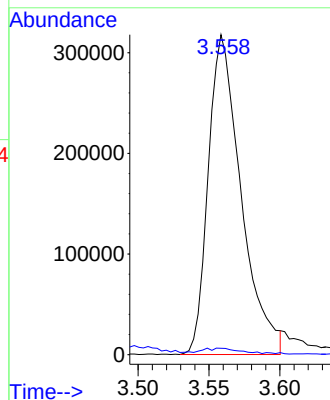
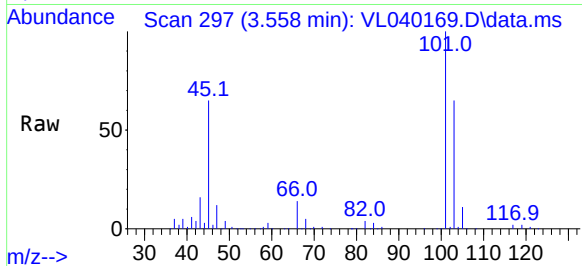
VSTDICCC010

Tgt Ion: 45 Resp: 511353

Ion Ratio Lower Upper

45 100

58 2.5 2.6 3.8#



#20

Methylene Chloride

Concen: 6.836 ppbv

RT: 3.918 min Scan# 409

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Tgt Ion: 84 Resp: 422328

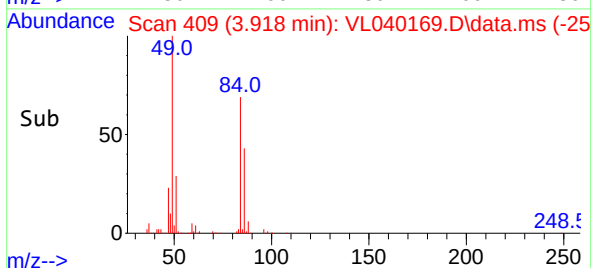
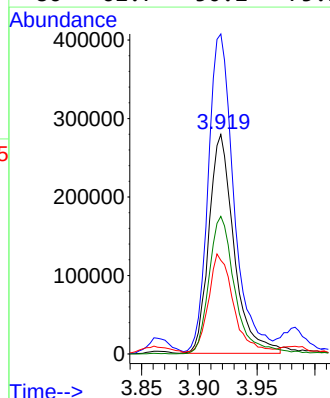
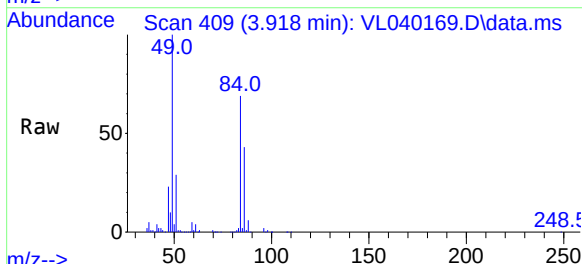
Ion Ratio Lower Upper

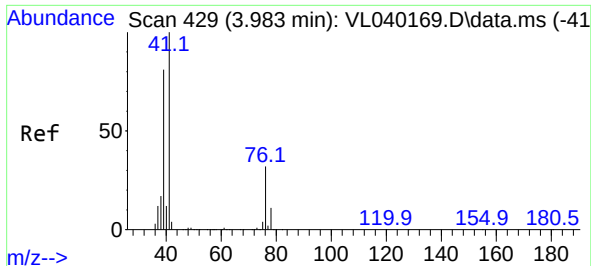
84 100

49 144.4 115.5 173.3

51 41.4 33.1 49.7

86 62.7 50.2 75.2





#21

Allyl Chloride

Concen: 10.056 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

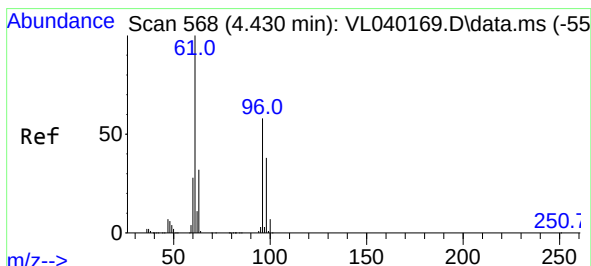
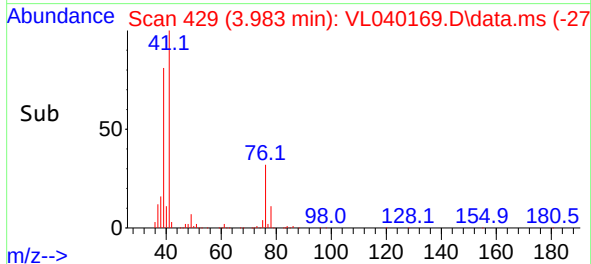
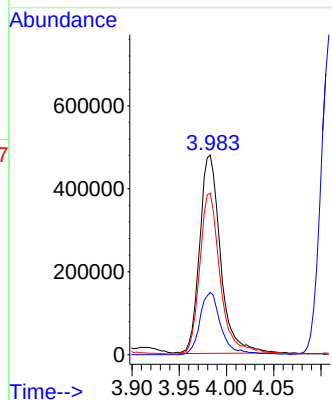
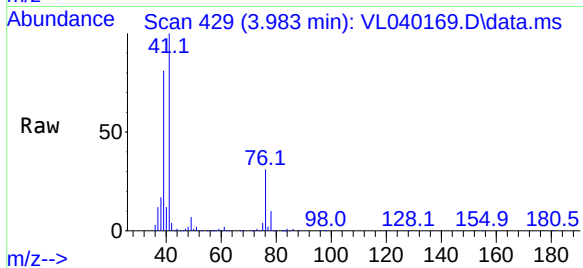
Tgt Ion: 41 Resp: 732008

Ion Ratio Lower Upper

41 100

76 32.1 25.5 38.3

39 80.8 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 9.542 ppbv

RT: 4.430 min Scan# 568

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

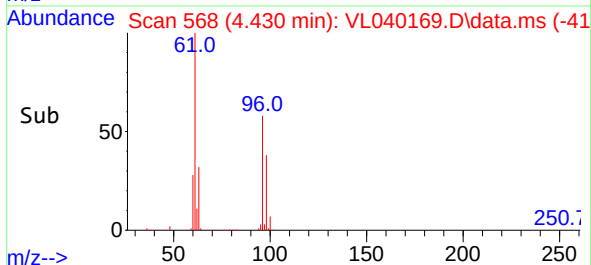
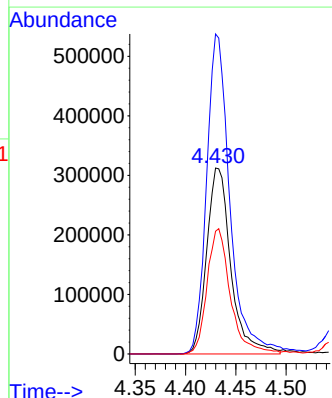
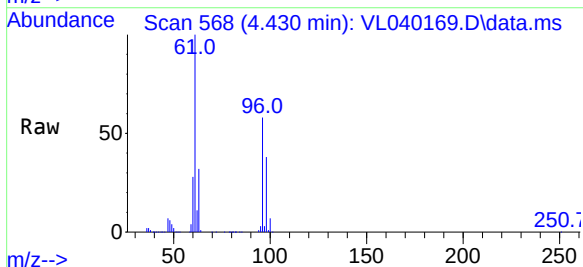
Tgt Ion: 96 Resp: 522120

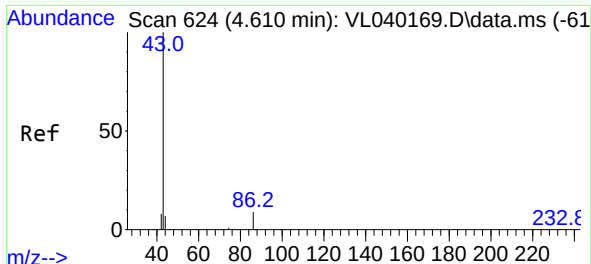
Ion Ratio Lower Upper

96 100

61 171.9 137.5 206.3

98 66.0 52.8 79.2

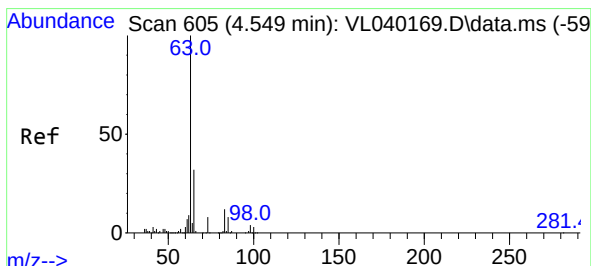
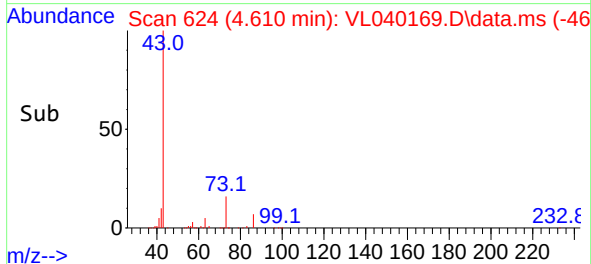
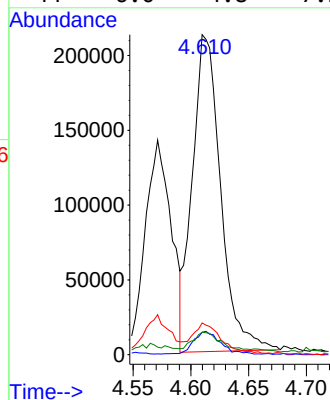
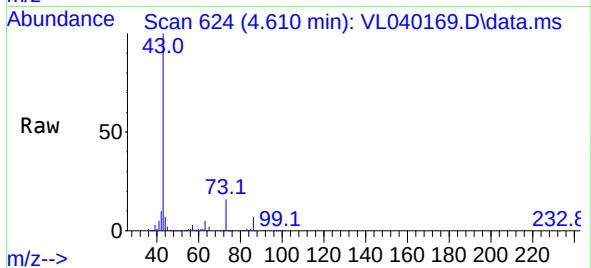




#23
Vinyl Acetate
Concen: 10.024 ppbv
RT: 4.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

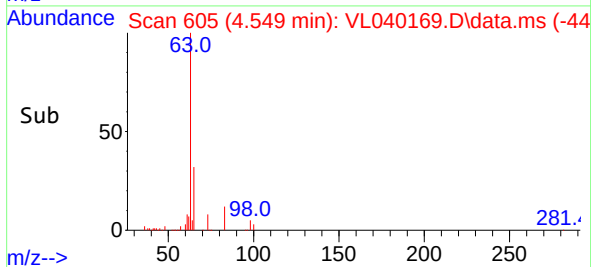
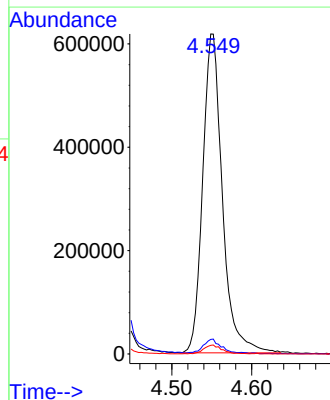
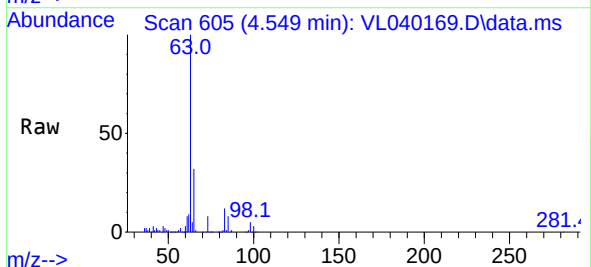
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

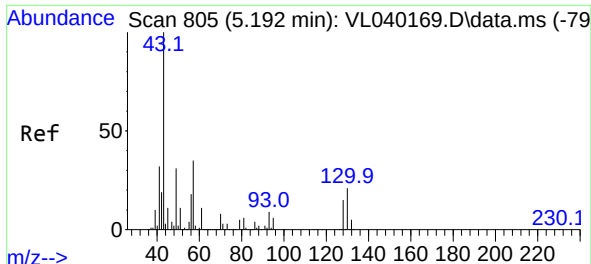
Tgt Ion: 43 Resp: 361043
Ion Ratio Lower Upper
43 100
86 7.0 5.6 8.4
42 9.5 7.6 11.4
44 6.0 4.8 7.2



#24
1,1-Dichloroethane
Concen: 9.384 ppbv
RT: 4.549 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 63 Resp: 1056465
Ion Ratio Lower Upper
63 100
98 4.5 2.3 6.8
100 2.7 1.4 4.0



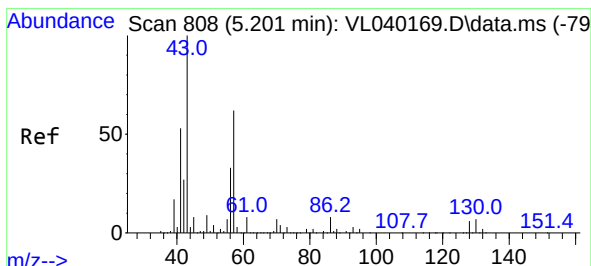
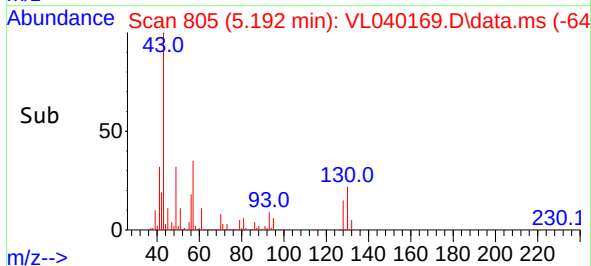
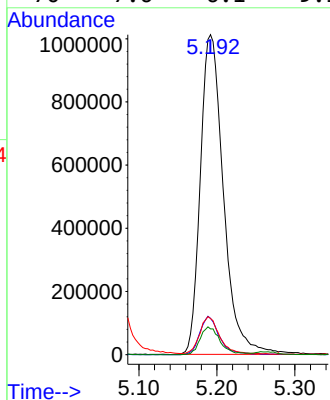
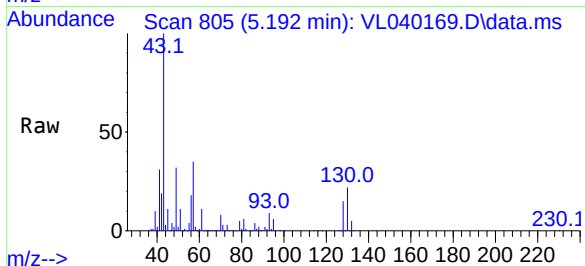


#25
Ethyl Acetate
Concen: 9.434 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2081344

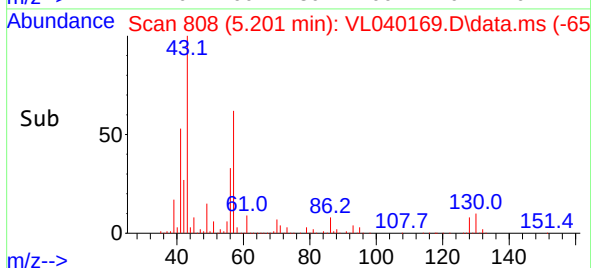
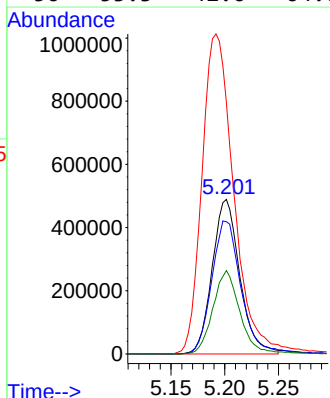
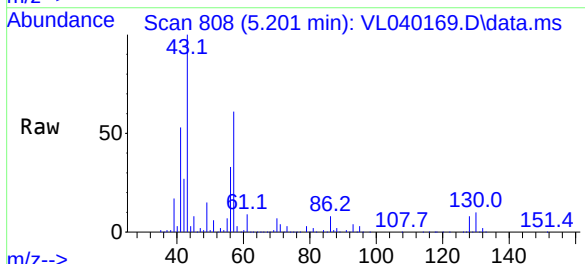
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	10.5	8.4	12.6
70	7.6	6.1	9.1

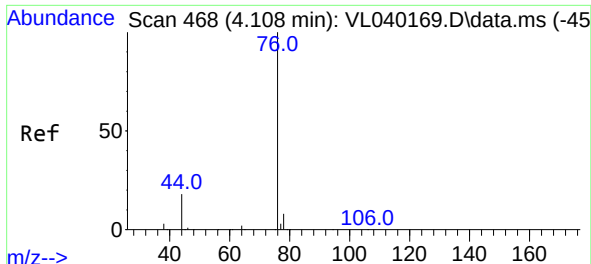


#26
Hexane
Concen: 9.204 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 57 Resp: 871716

Ion	Ratio	Lower	Upper
57	100		
41	92.9	74.3	111.5
43	241.2	193.0	289.4
56	53.3	42.6	64.0



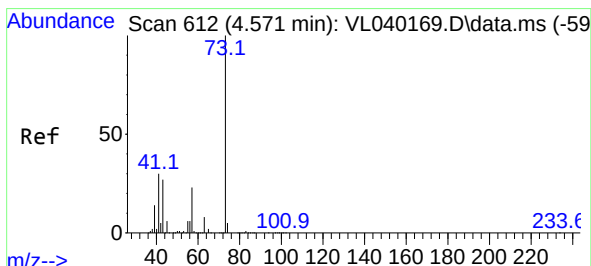
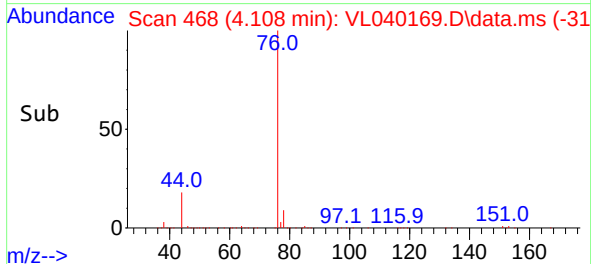
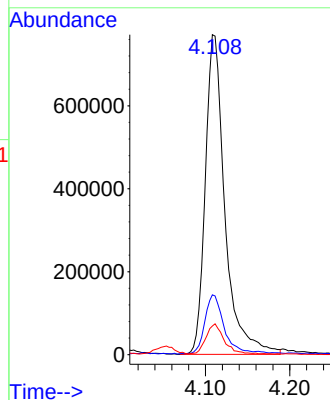
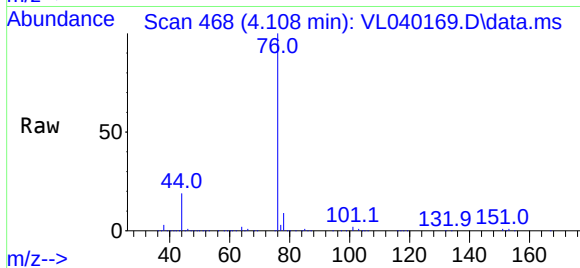


#27
Carbon Disulfide
Concen: 10.420 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1252289

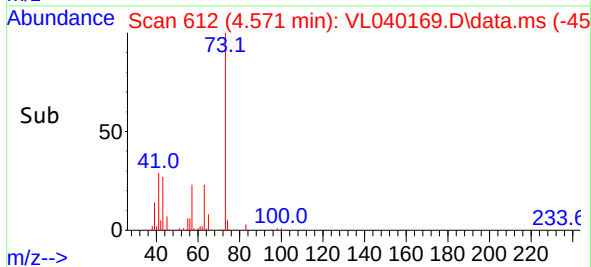
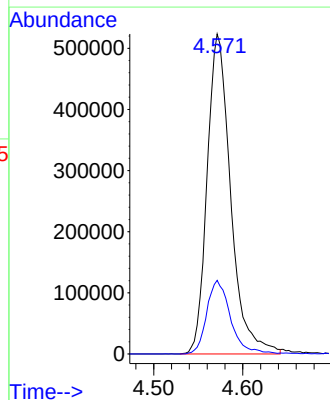
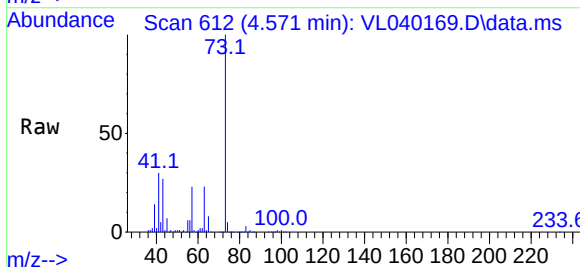
Ion	Ratio	Lower	Upper
76	100		
44	18.5	15.3	22.9
78	9.8	7.7	11.5

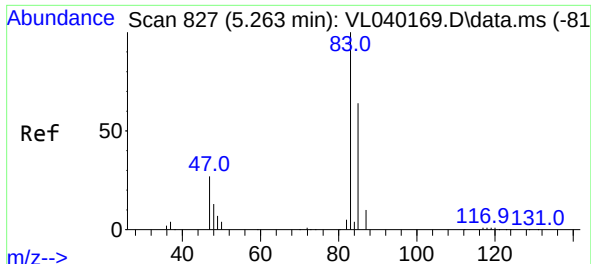


#28
Methyl tert-Butyl Ether
Concen: 9.471 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 73 Resp: 961181

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2

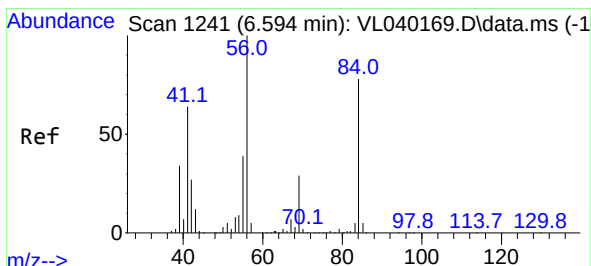
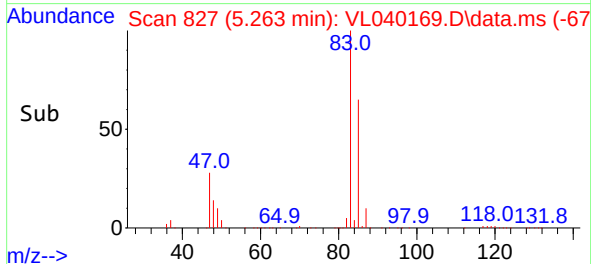
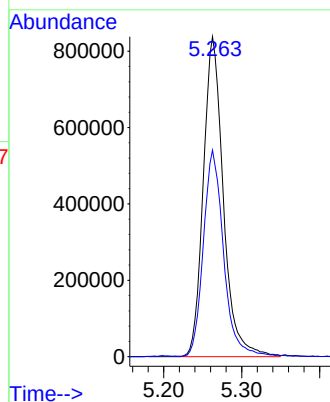
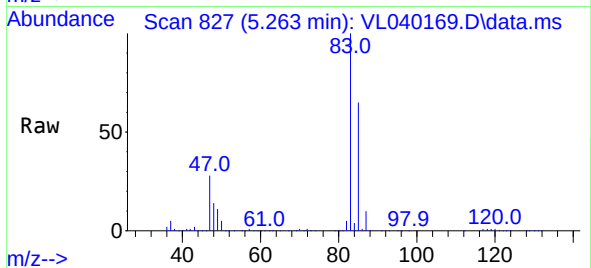




#29
Chloroform
Concen: 9.210 ppbv
RT: 5.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

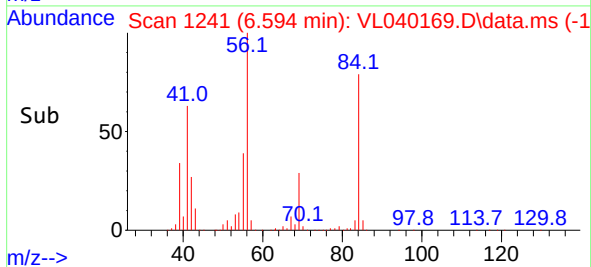
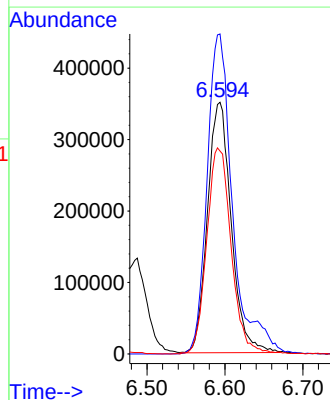
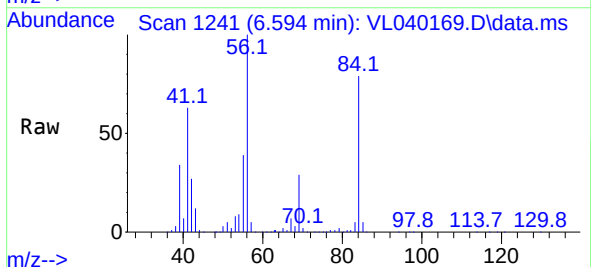
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

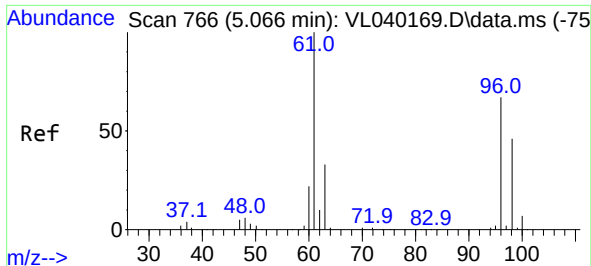
Tgt Ion: 83 Resp: 1497913
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



#30
Cyclohexane
Concen: 10.025 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 84 Resp: 745582
Ion Ratio Lower Upper
84 100
56 137.4 109.9 164.9
41 84.2 67.8 101.6

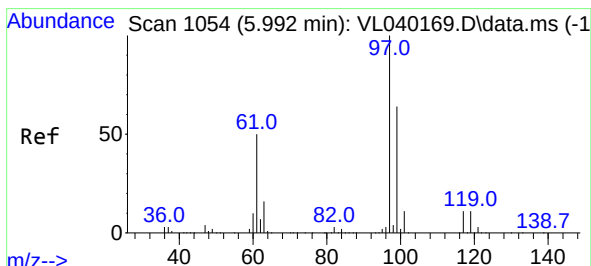
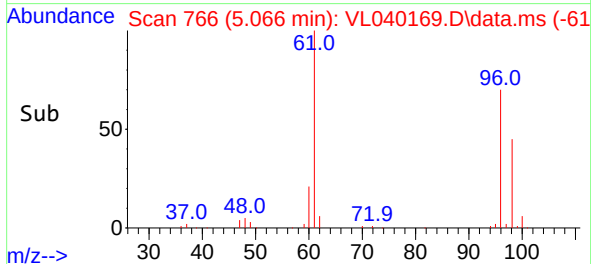
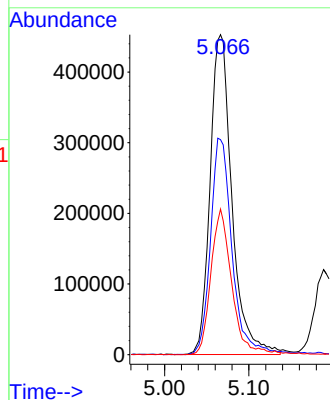
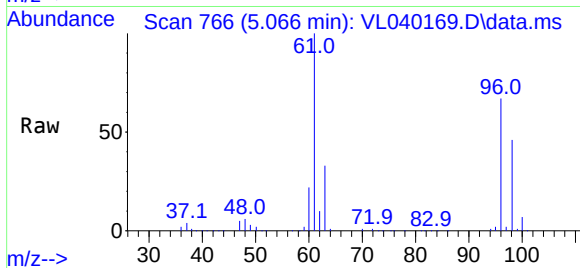




#31
 cis-1,2-Dichloroethene
 Concen: 9.059 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

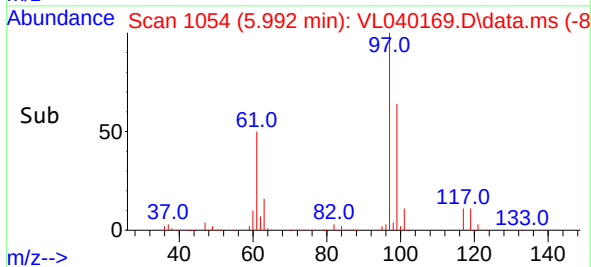
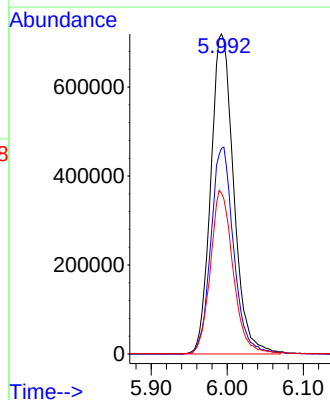
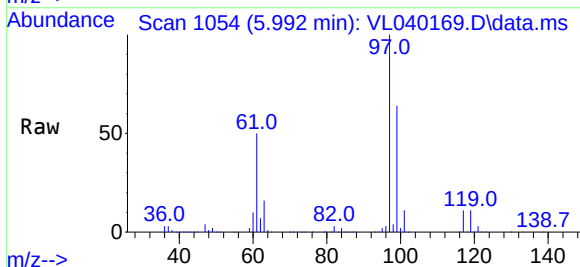
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

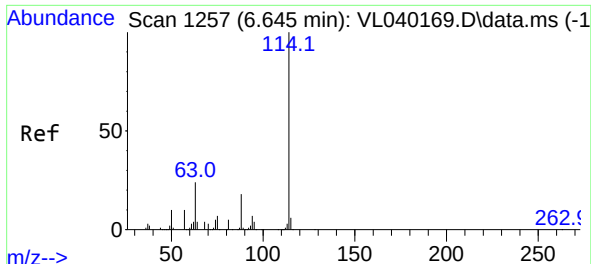
Tgt Ion: 61 Resp: 815266
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.7 80.5
 98 45.5 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 9.842 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

Tgt Ion: 97 Resp: 1503825
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 50.7 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

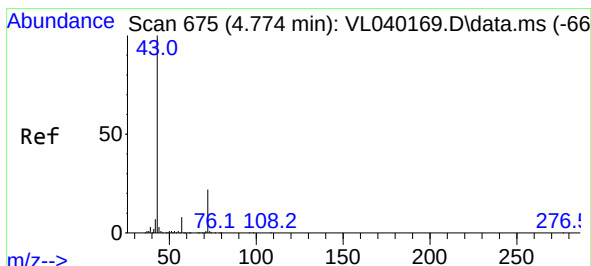
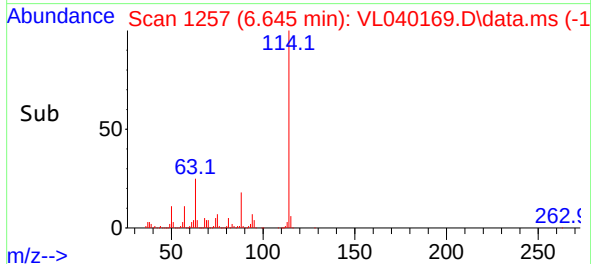
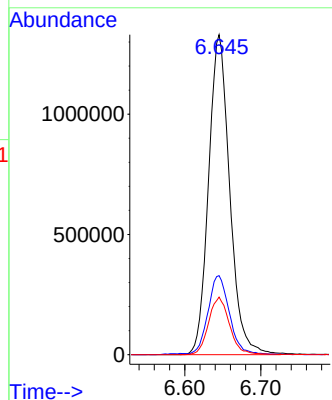
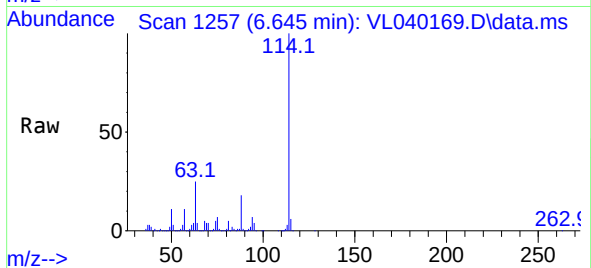
Tgt Ion:114 Resp: 2572192

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 9.231 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL040169.D

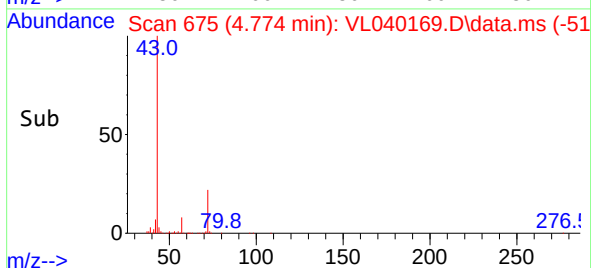
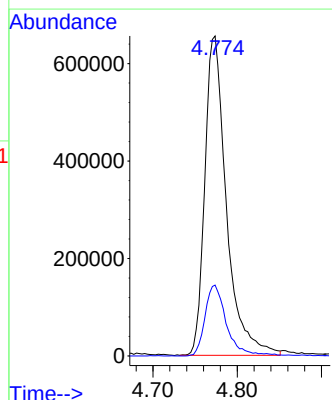
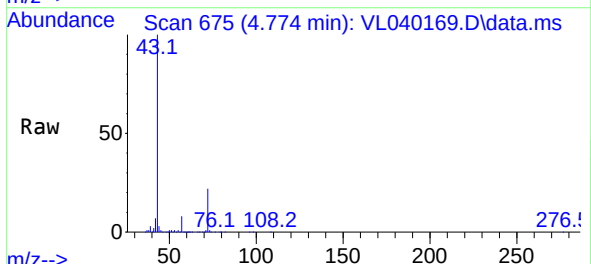
Acq: 15 Feb 2023 10:28

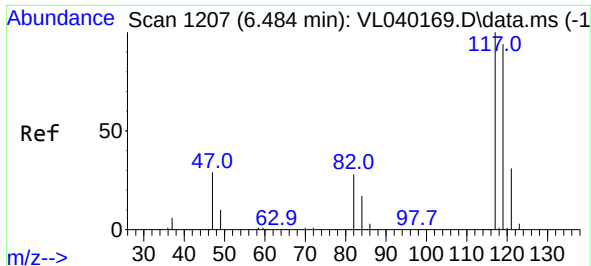
Tgt Ion: 43 Resp: 1171309

Ion Ratio Lower Upper

43 100

72 22.4 17.8 26.8

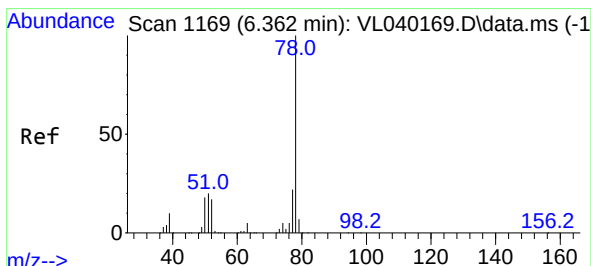
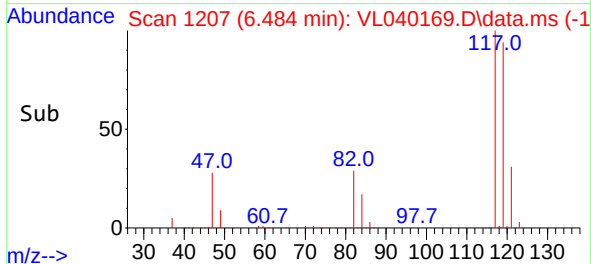
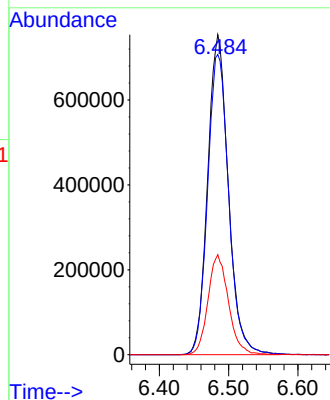
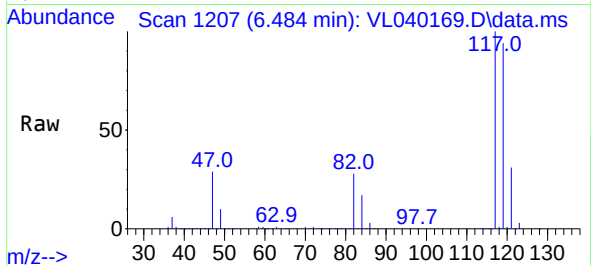




#35
Carbon Tetrachloride
Concen: 10.265 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

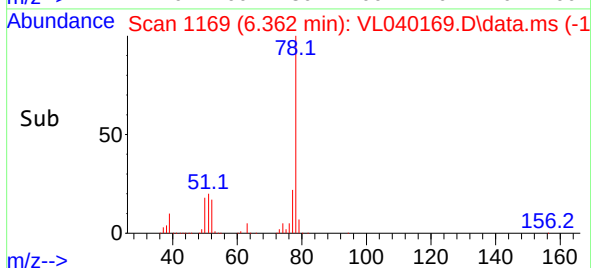
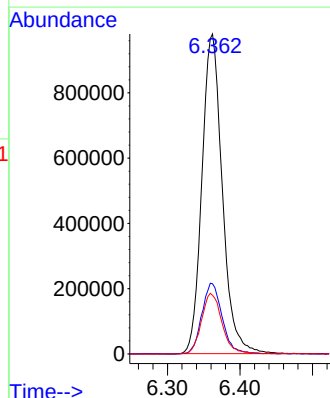
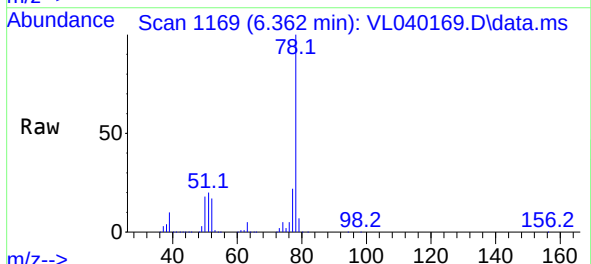
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

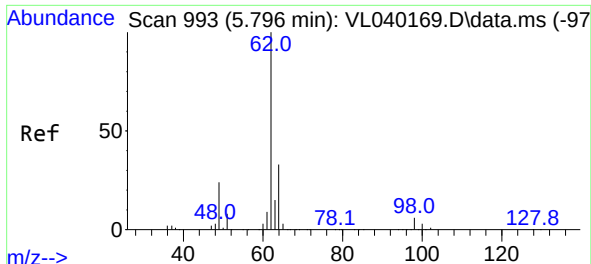
Tgt Ion:117 Resp: 1560919
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.2 25.0 37.4



#36
Benzene
Concen: 9.553 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 78 Resp: 1912279
Ion Ratio Lower Upper
78 100
77 21.9 17.5 26.3
50 18.3 14.6 22.0

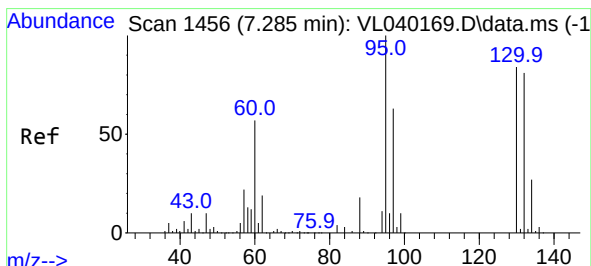
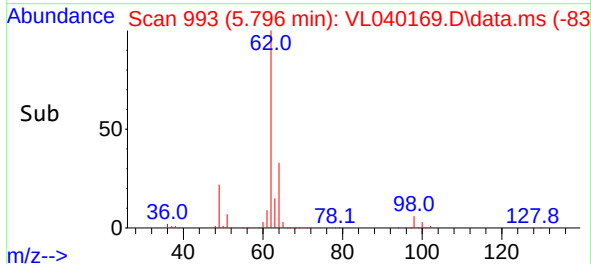
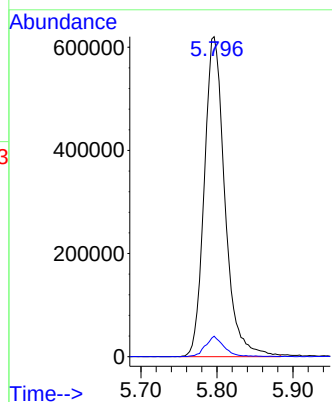
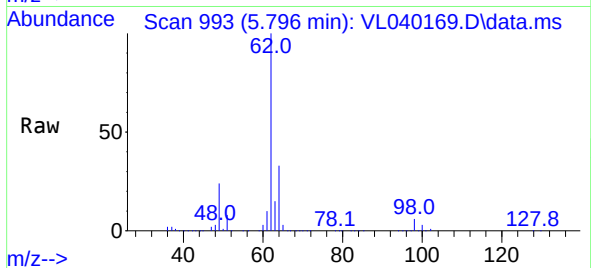




#37
1,2-Dichloroethane
Concen: 9.340 ppbv
RT: 5.796 min Scan# 993
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

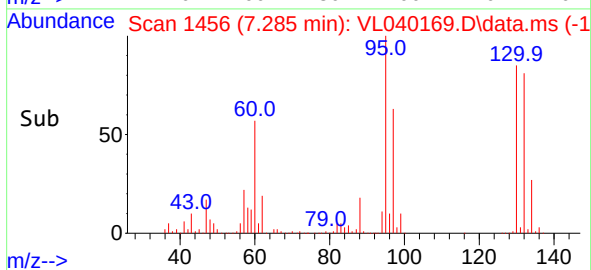
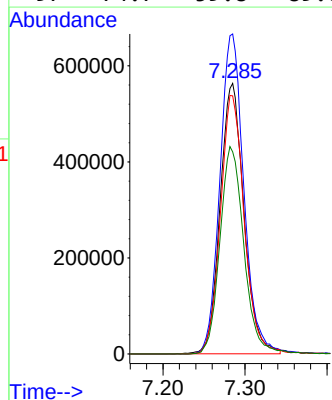
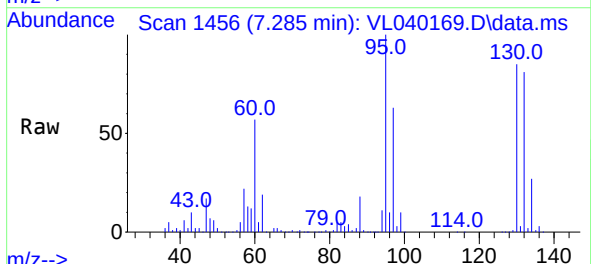
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

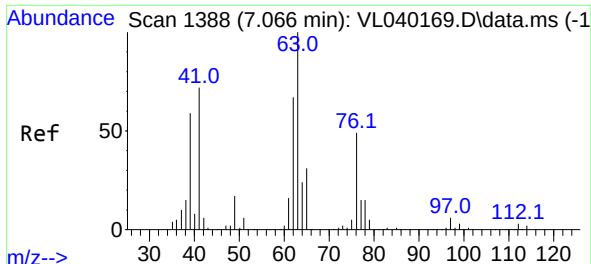
Tgt Ion: 62 Resp: 1169256
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 10.297 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:130 Resp: 1135776
Ion Ratio Lower Upper
130 100
95 118.4 94.7 142.1
132 95.5 76.4 114.6
97 74.7 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.322 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

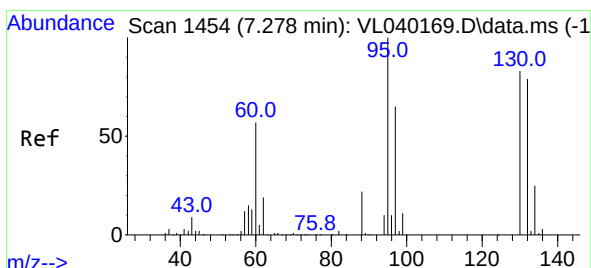
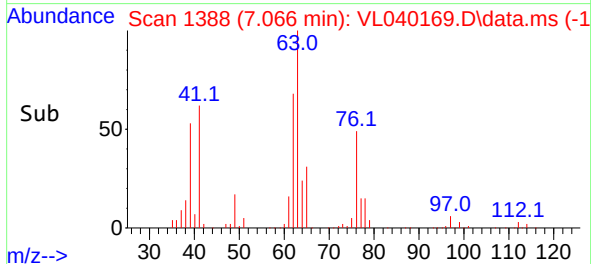
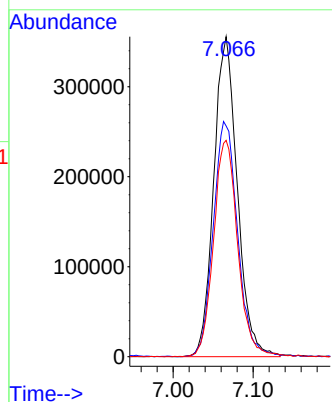
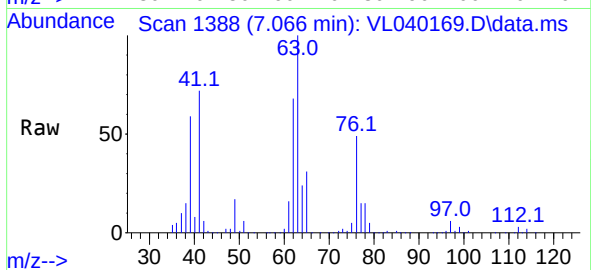
Tgt Ion: 63 Resp: 725936

Ion Ratio Lower Upper

63 100

41 72.0 57.6 86.4

62 67.5 54.0 81.0



#40

1,4-Dioxane

Concen: 9.372 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Tgt Ion: 88 Resp: 291936

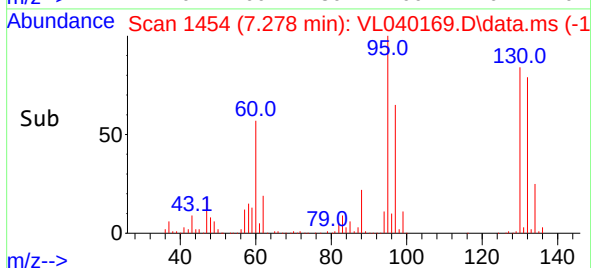
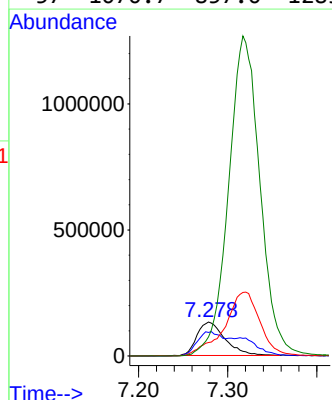
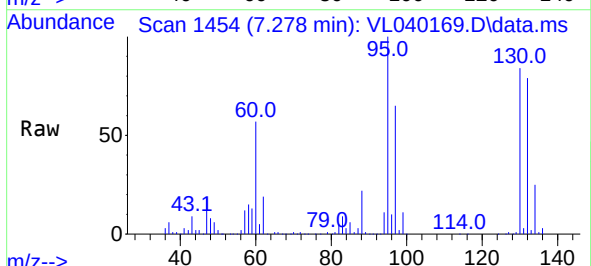
Ion Ratio Lower Upper

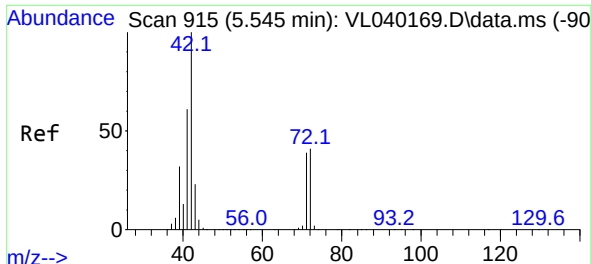
88 100

58 121.5 97.4 146.0

43 242.5 193.5 290.3

57 1070.7 857.0 1285.6

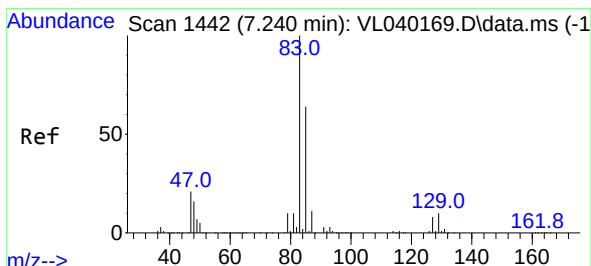
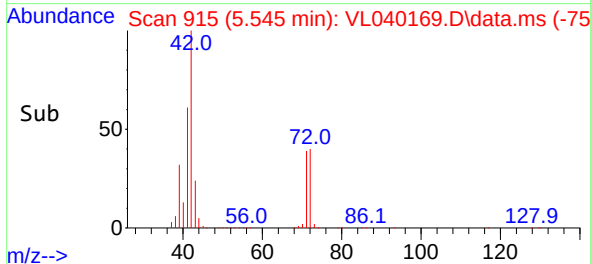
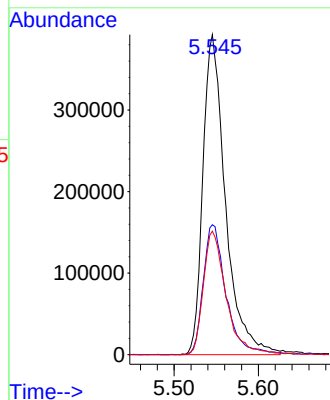
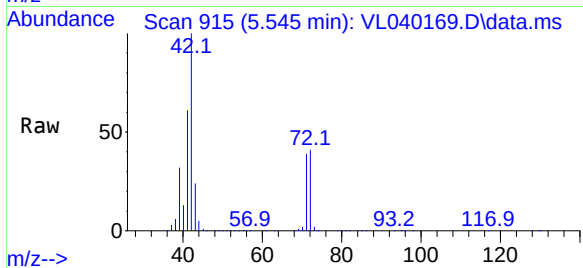




#41
Tetrahydrofuran
Concen: 9.953 ppbv
RT: 5.545 min Scan# 915
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

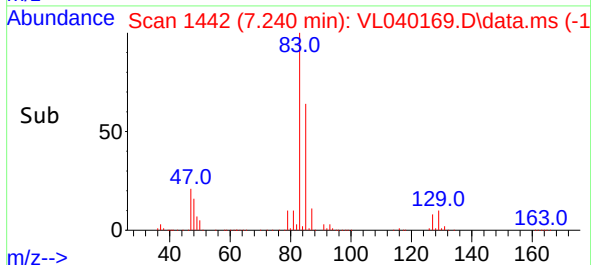
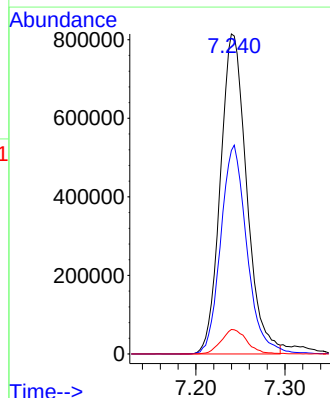
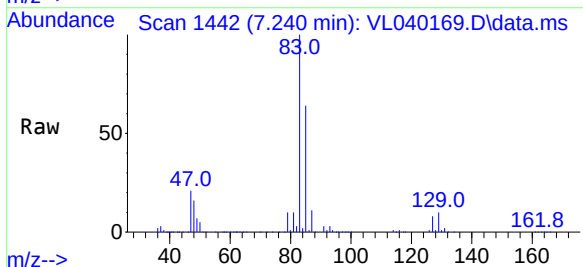
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

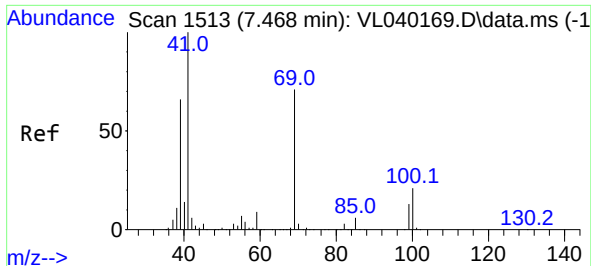
Tgt Ion: 42 Resp: 731844
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.3 31.4 47.2



#42
Bromodichloromethane
Concen: 9.656 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 83 Resp: 1668613
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.7 6.2 9.2

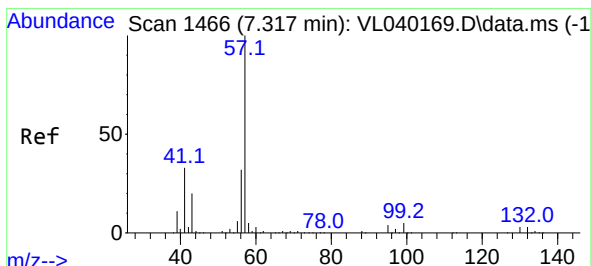
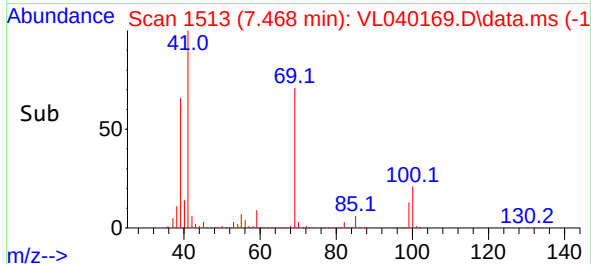
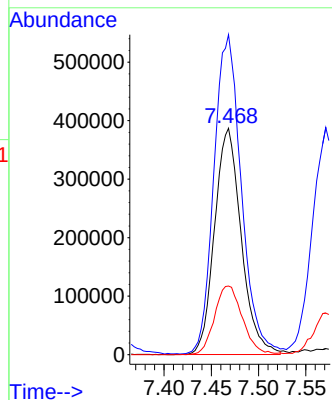
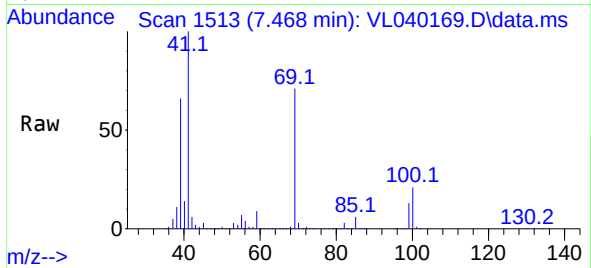




#43
Methyl Methacrylate
Concen: 10.240 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

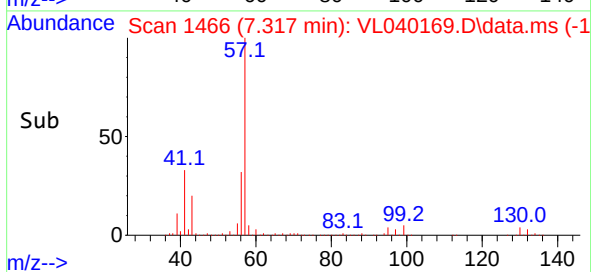
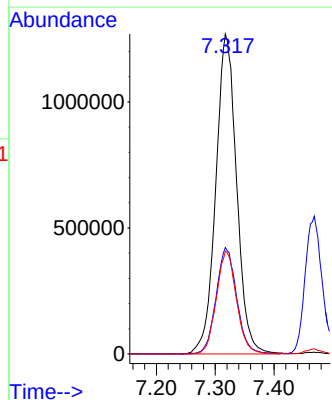
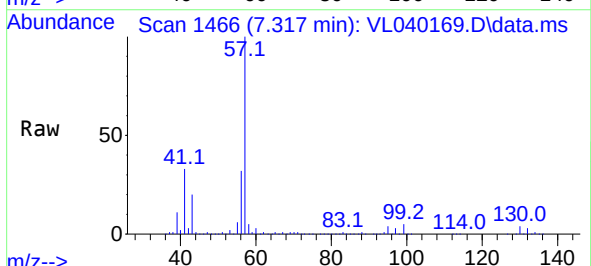
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

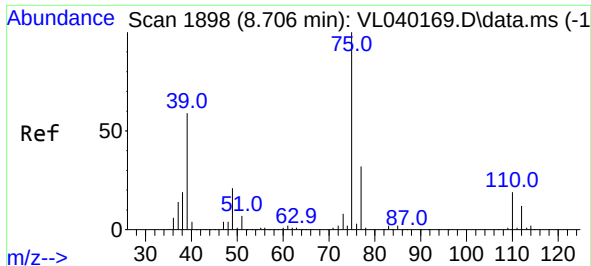
Tgt Ion: 69 Resp: 758463
Ion Ratio Lower Upper
69 100
41 145.7 116.6 174.8
100 31.9 25.6 38.4



#44
2,2,4-Trimethylpentane
Concen: 9.343 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 57 Resp: 3122099
Ion Ratio Lower Upper
57 100
41 32.8 26.2 39.4
56 31.1 24.9 37.3

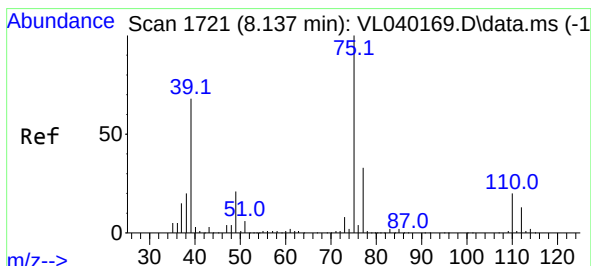
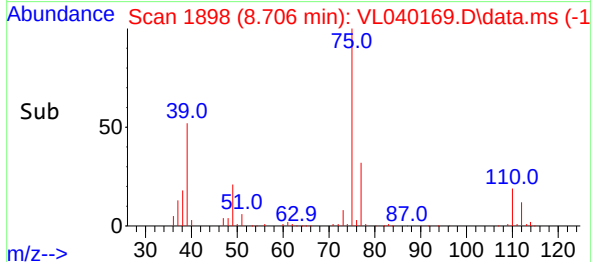
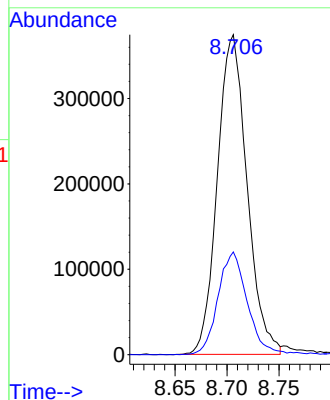
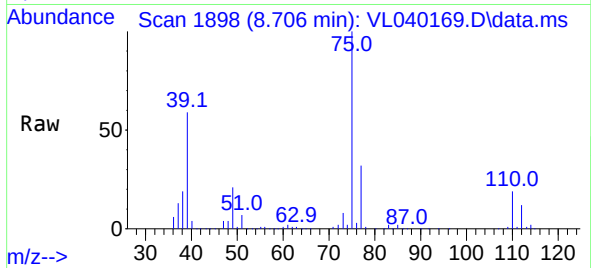




#45
t-1,3-Dichloropropene
Concen: 11.317 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

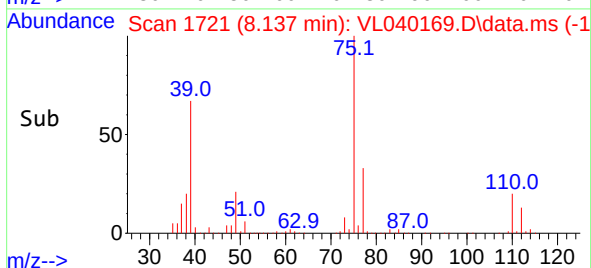
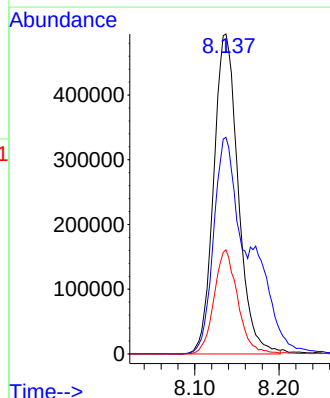
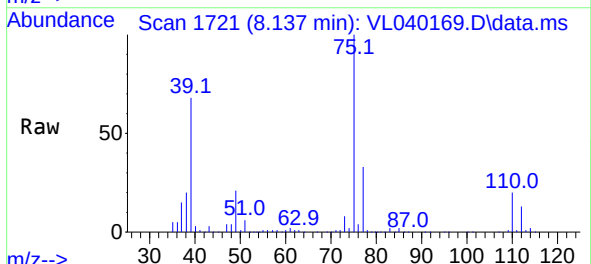
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

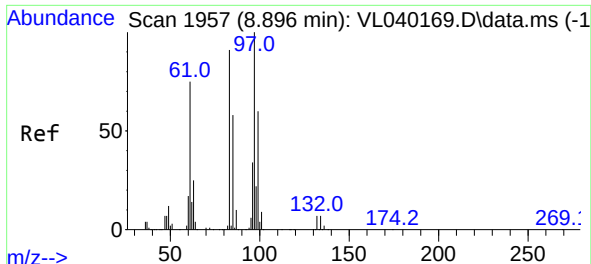
Tgt Ion: 75 Resp: 743556
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5



#46
cis-1,3-Dichloropropene
Concen: 10.897 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 75 Resp: 997411
Ion Ratio Lower Upper
75 100
39 67.7 54.2 81.2
77 32.5 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.408 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 792375

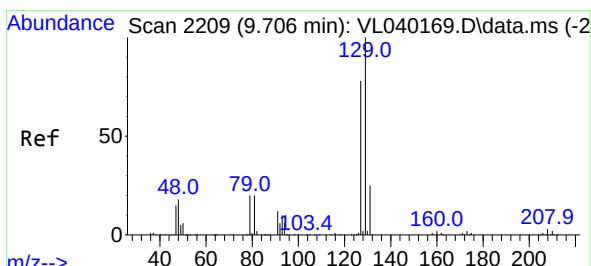
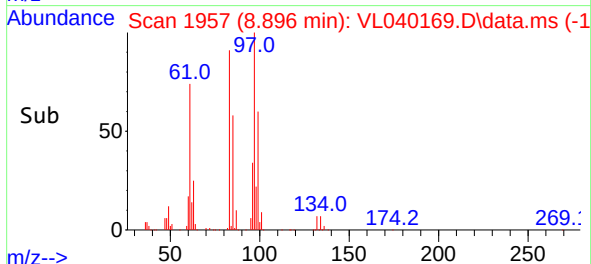
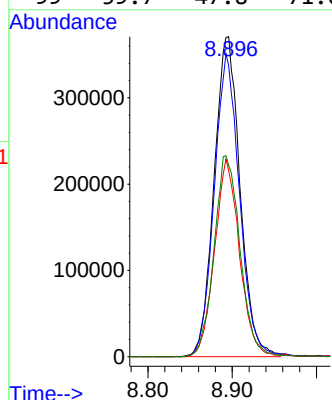
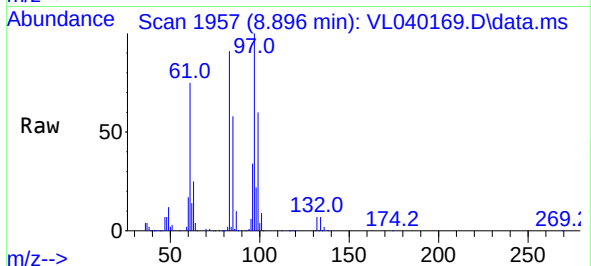
Ion Ratio Lower Upper

97 100

83 91.0 72.8 109.2

85 58.2 46.6 69.8

99 59.7 47.8 71.6



#48

Dibromochloromethane

Concen: 10.269 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VL040169.D

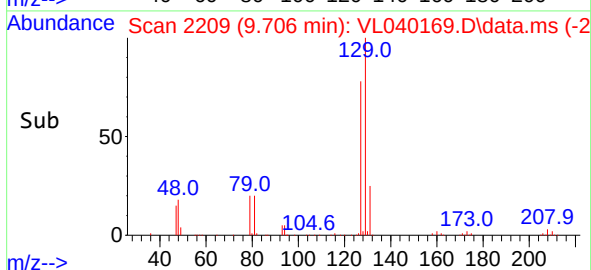
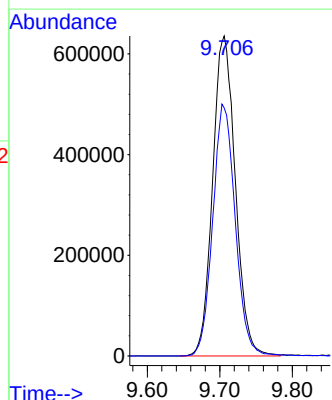
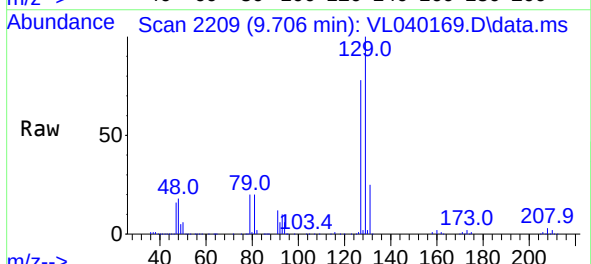
Acq: 15 Feb 2023 10:28

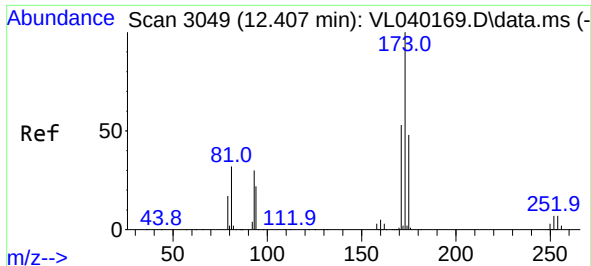
Tgt Ion: 129 Resp: 1383366

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2

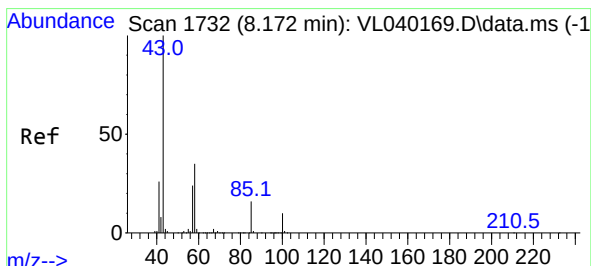
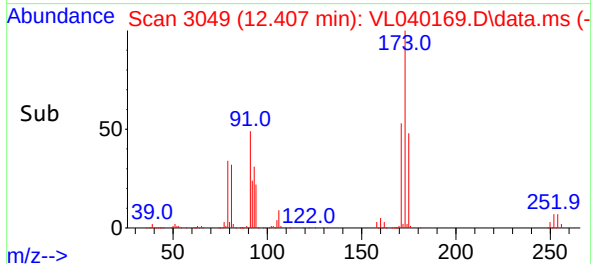
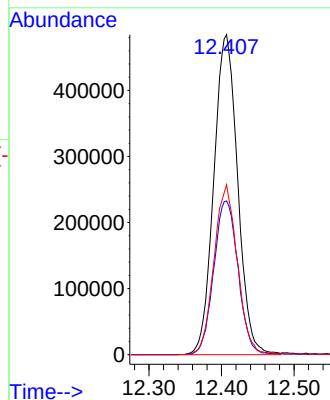
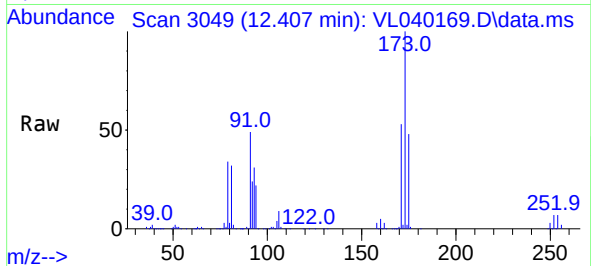




#49
Bromoform
Concen: 10.527 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

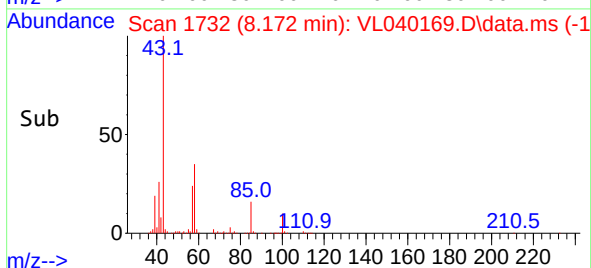
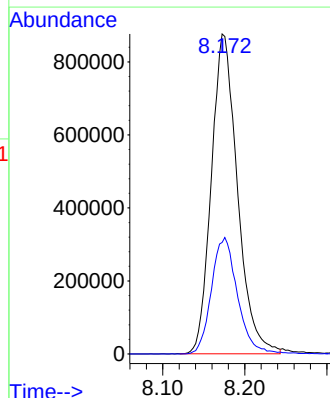
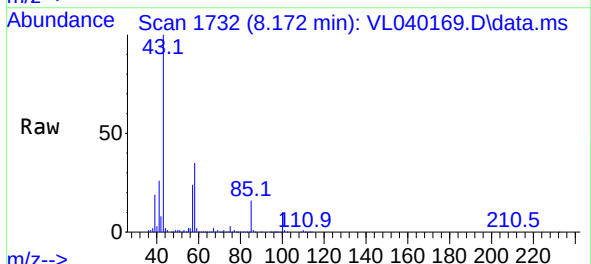
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

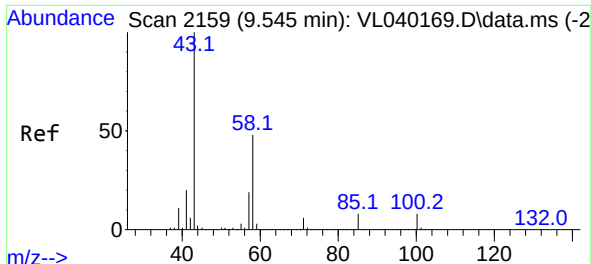
Tgt Ion:173 Resp: 1106895
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
171 52.2 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 9.855 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 43 Resp: 1941524
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

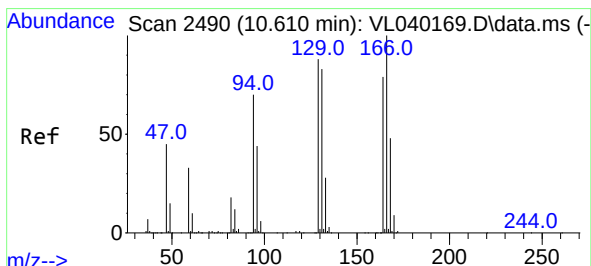
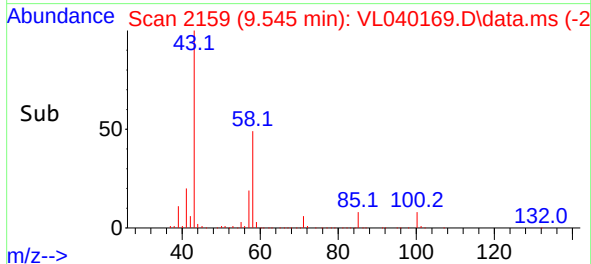
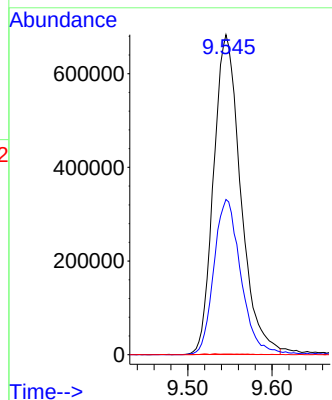
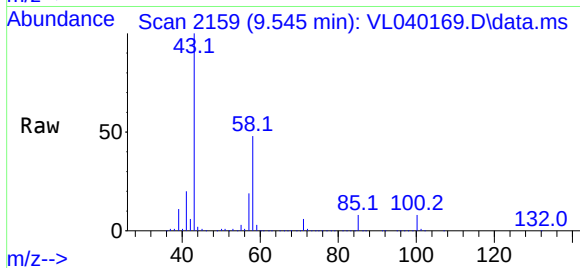




#51
2-Hexanone
Concen: 10.070 ppbv
RT: 9.545 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

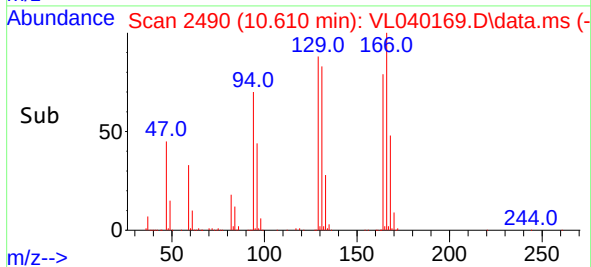
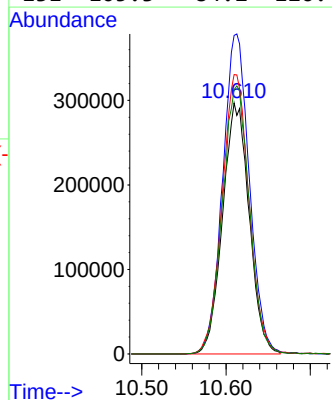
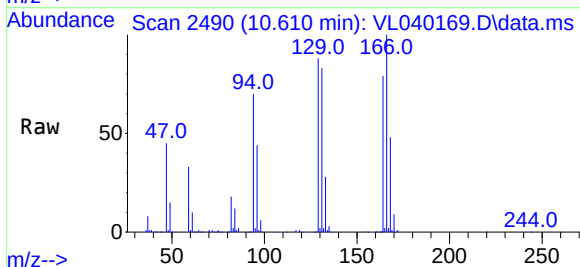
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

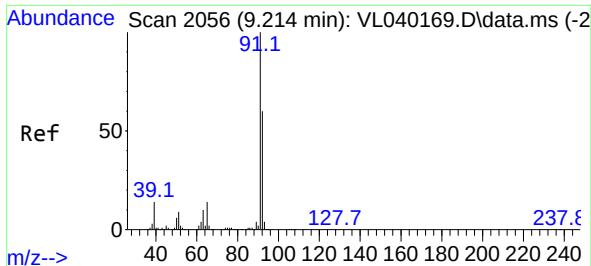
Tgt Ion: 43 Resp: 1525821
Ion Ratio Lower Upper
43 100
58 48.9 39.1 58.7
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.392 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:164 Resp: 649582
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 111.2 89.0 133.4
131 105.3 84.2 126.4

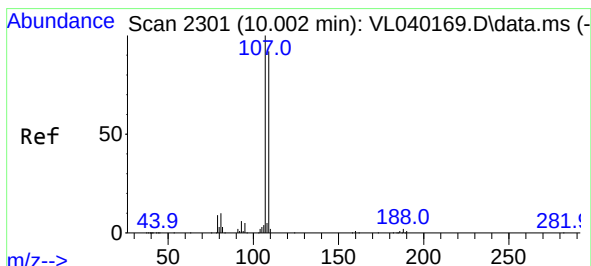
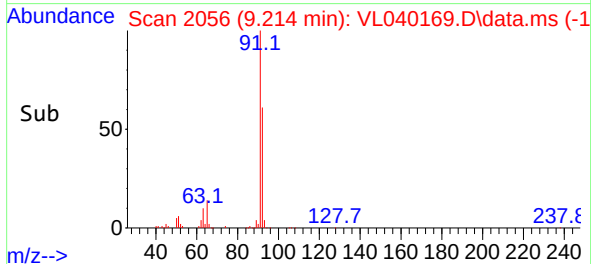
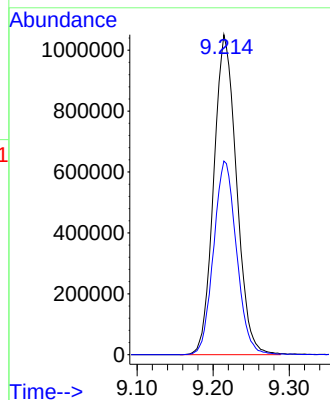
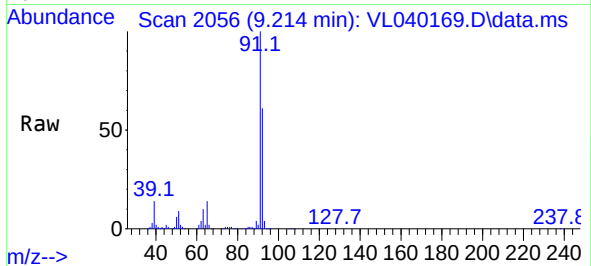




#53
Toluene
Concen: 10.192 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

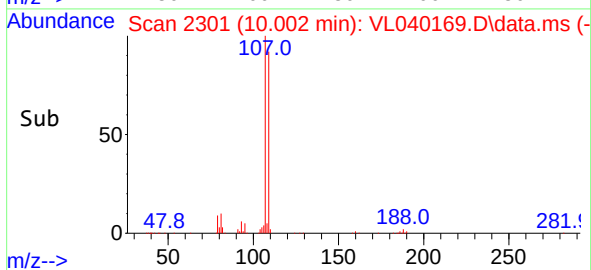
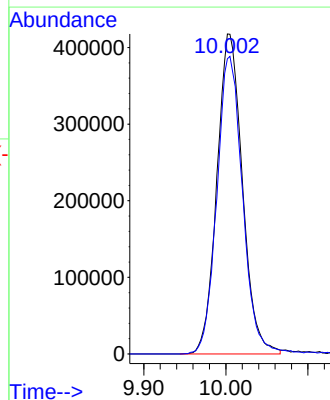
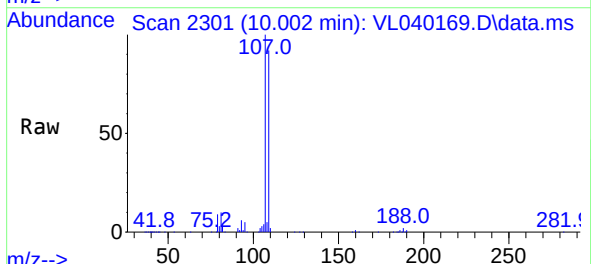
Instrument : MSVOA_1
ClientSampleId : VSTDICCC010

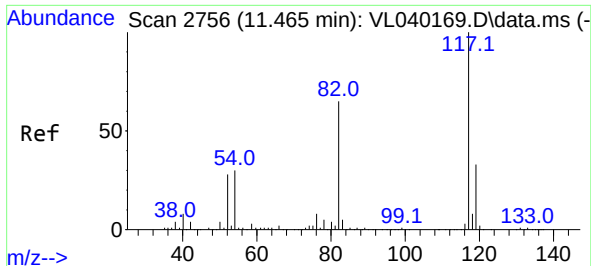
Tgt Ion: 91 Resp: 2185059
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.300 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 107 Resp: 902607
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8

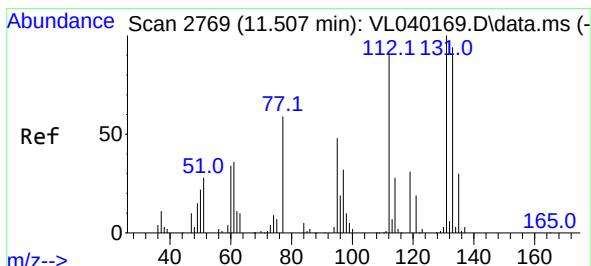
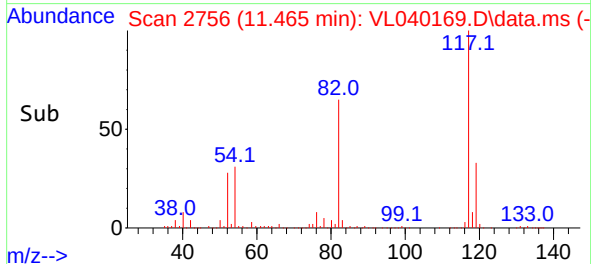
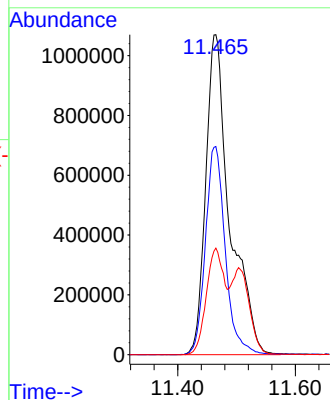
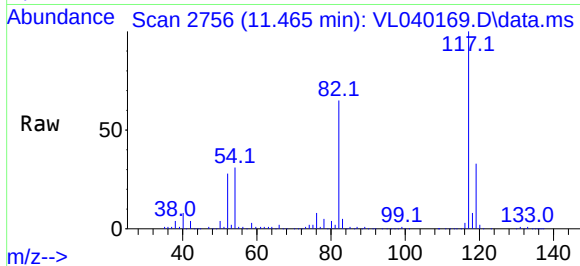




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

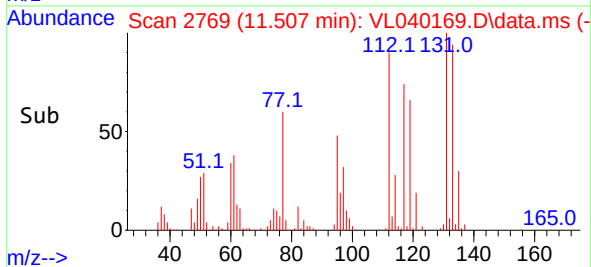
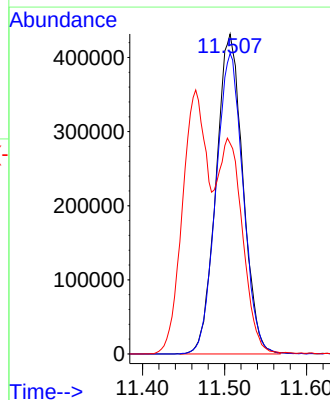
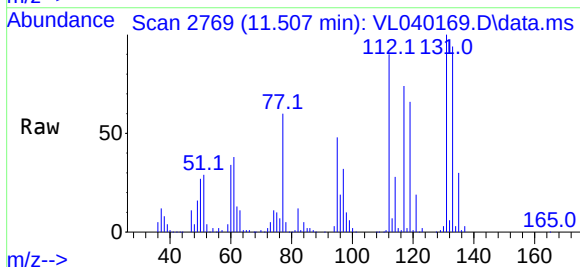
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

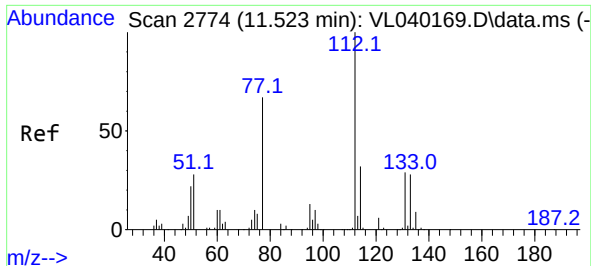
Tgt Ion:117 Resp: 3038683
Ion Ratio Lower Upper
117 100
82 53.8 53.3 79.9
119 24.9 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 7.684 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:131 Resp: 980105
Ion Ratio Lower Upper
131 100
133 95.3 76.2 114.2
119 61.4 45.4 68.0

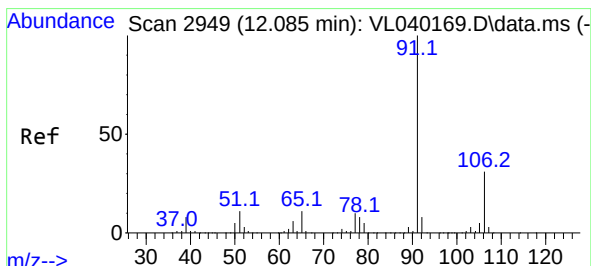
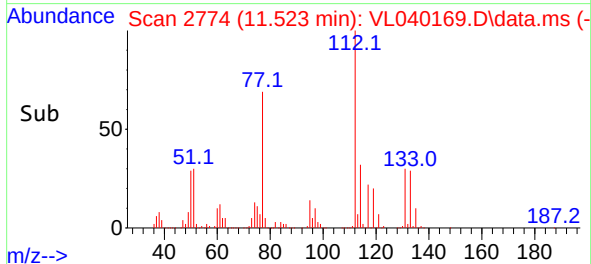
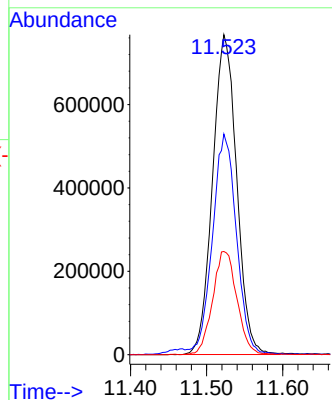
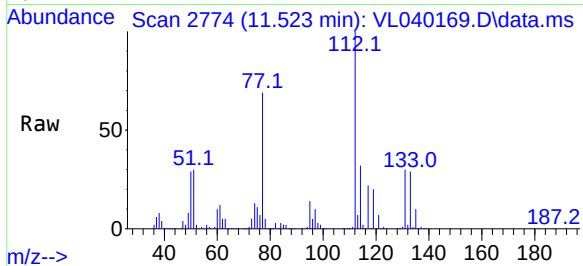




#57
Chlorobenzene
Concen: 7.597 ppbv
RT: 11.523 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

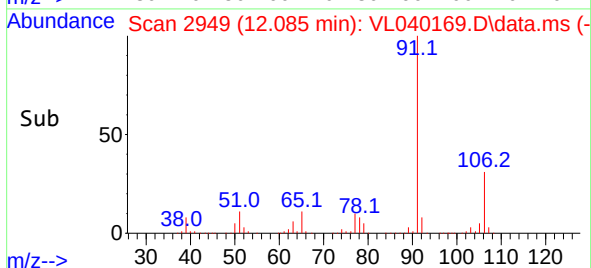
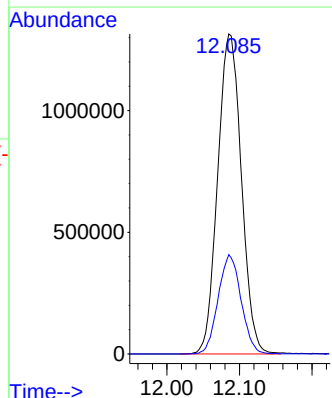
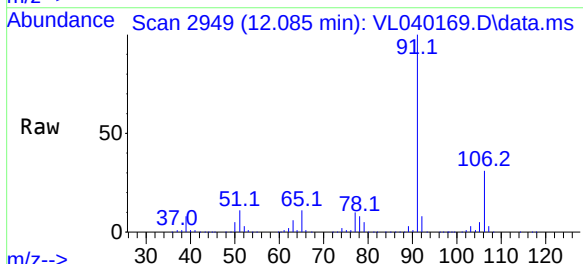
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

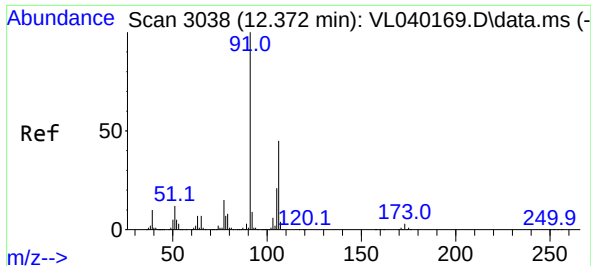
Tgt Ion:112 Resp: 1686589
Ion Ratio Lower Upper
112 100
77 68.7 55.0 82.4
114 32.2 29.0 35.4



#58
Ethyl Benzene
Concen: 8.083 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 91 Resp: 2984162
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





#59

m/p-Xylene

Concen: 8.446 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_1

ClientSampleId :

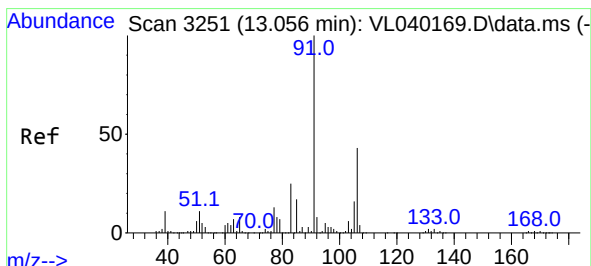
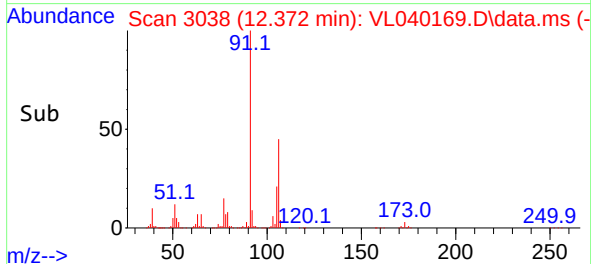
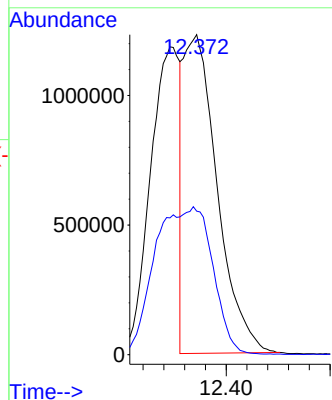
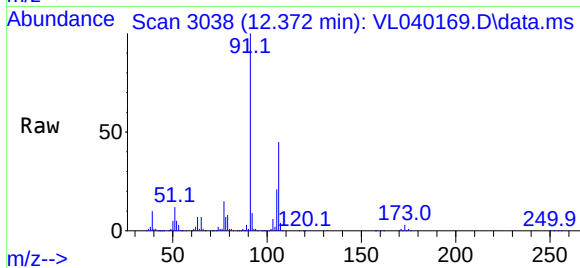
VSTDICCC010

Tgt Ion: 91 Resp: 2761928

Ion Ratio Lower Upper

91 100

106 80.2 34.6 51.8#



#60

o-Xylene

Concen: 7.834 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL040169.D

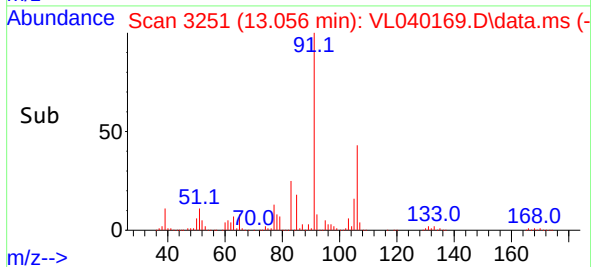
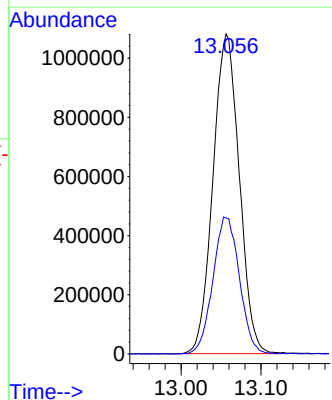
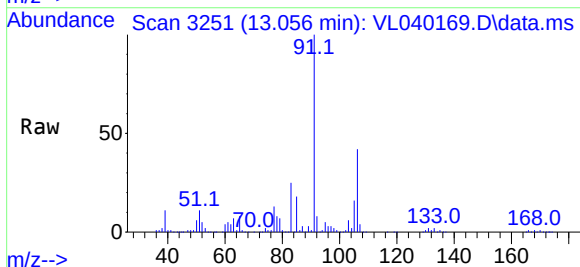
Acq: 15 Feb 2023 10:28

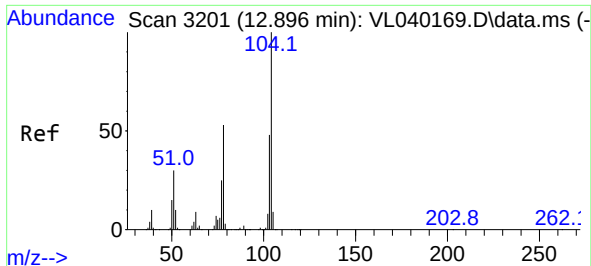
Tgt Ion: 91 Resp: 2465052

Ion Ratio Lower Upper

91 100

106 43.3 21.6 65.0

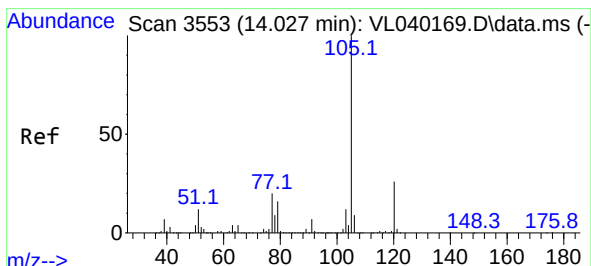
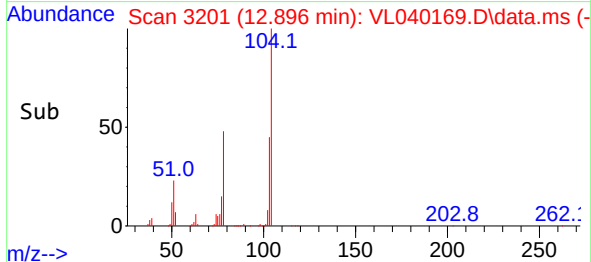
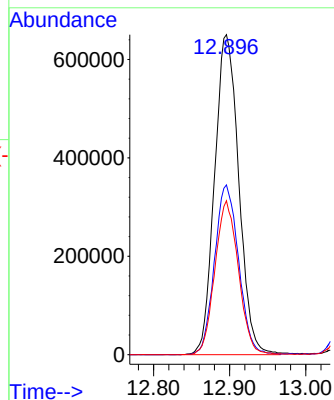
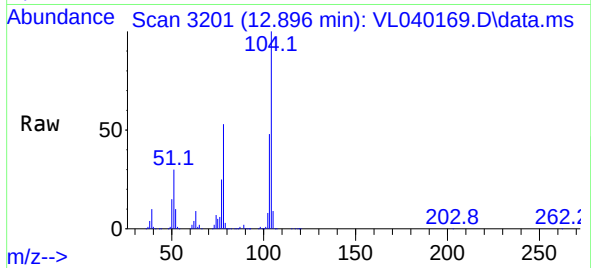




#61
Styrene
Concen: 8.700 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

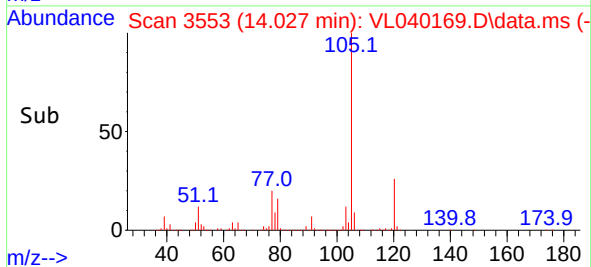
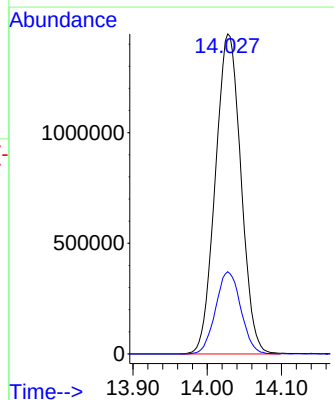
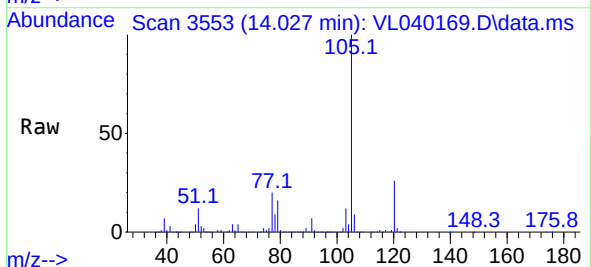
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

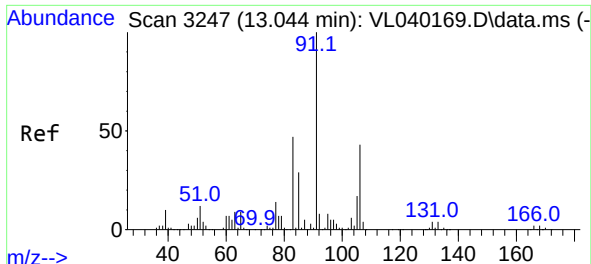
Tgt Ion:104 Resp: 1437144
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 46.9 37.5 56.3



#62
Isopropylbenzene
Concen: 7.662 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:105 Resp: 3460448
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5

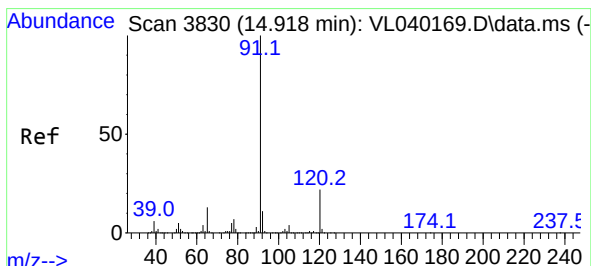
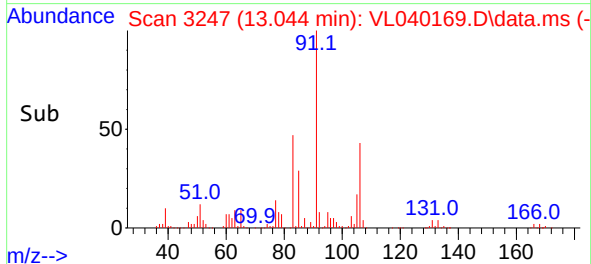
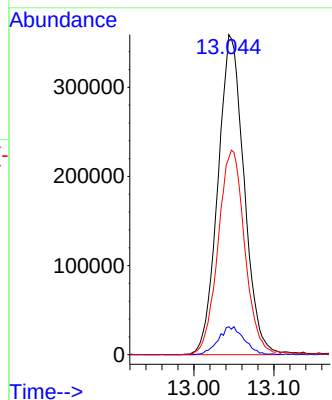
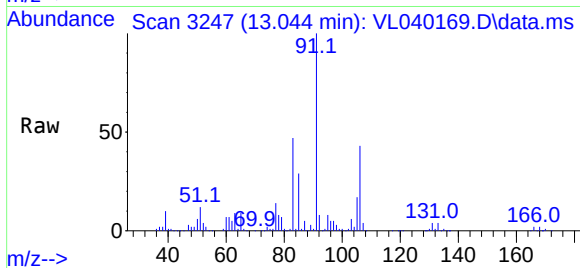




#63
1,1,2,2-Tetrachloroethane
Concen: 7.169 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

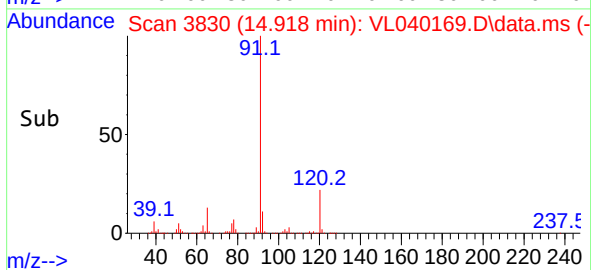
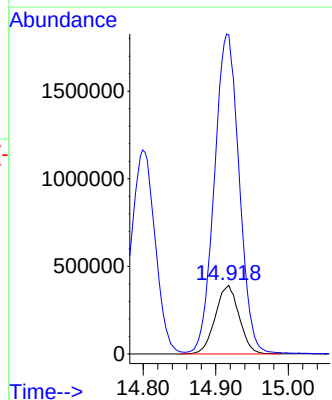
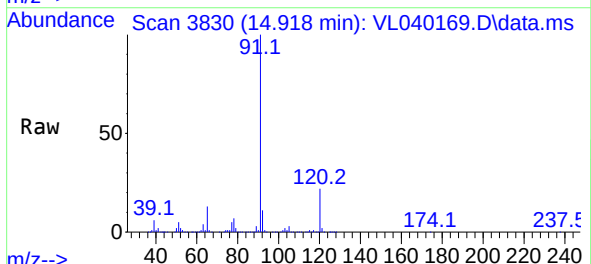
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

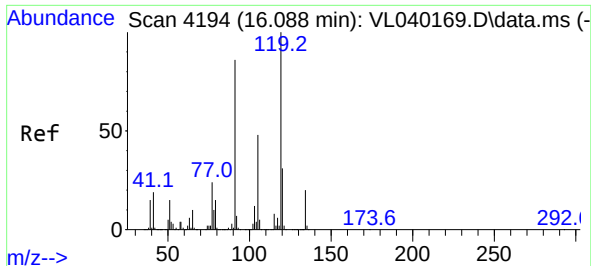
Tgt Ion: 83 Resp: 812842
Ion Ratio Lower Upper
83 100
131 8.8 4.4 13.2
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 7.986 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 120 Resp: 892659
Ion Ratio Lower Upper
120 100
91 487.3 389.8 584.8

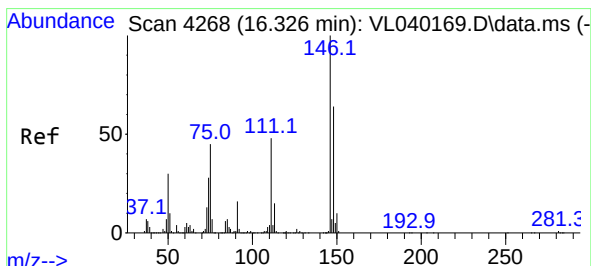
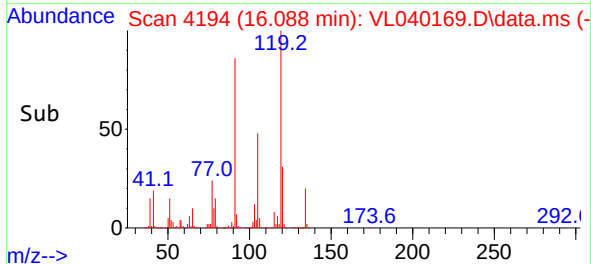
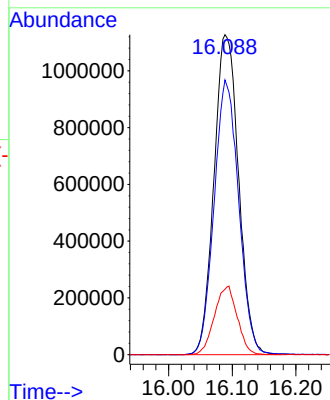
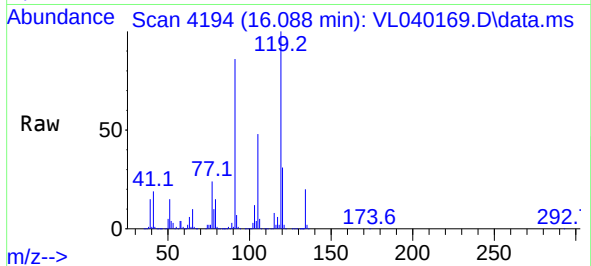




#65
tert-Butylbenzene
Concen: 7.720 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

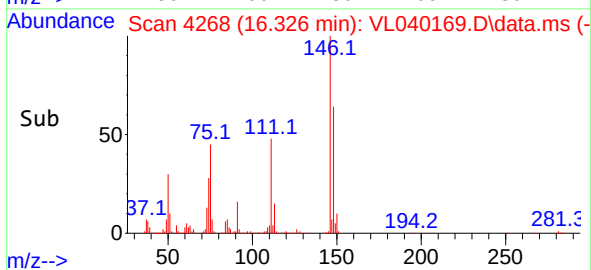
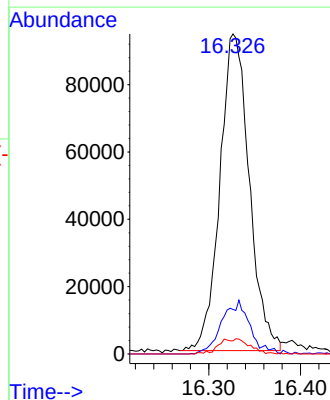
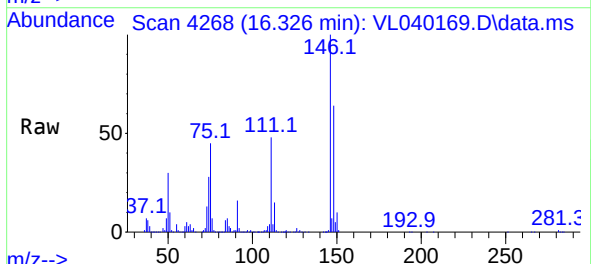
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

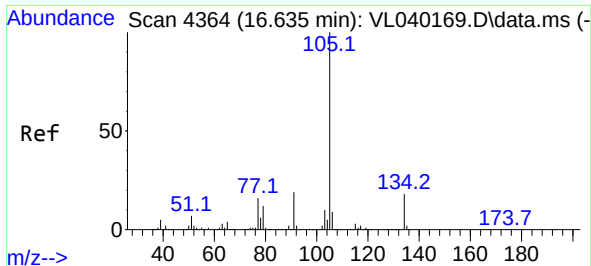
Tgt Ion:119 Resp: 3030876
Ion Ratio Lower Upper
119 100
91 85.7 68.6 102.8
134 19.9 15.9 23.9



#66
Benzyl Chloride
Concen: 8.003 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 91 Resp: 209083
Ion Ratio Lower Upper
91 100
126 16.4 13.1 19.7
128 5.1 4.1 6.1

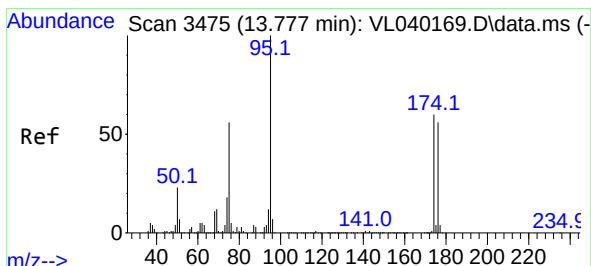
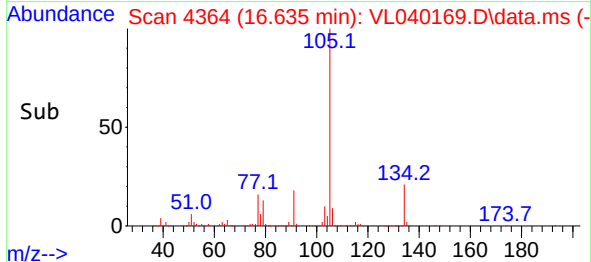
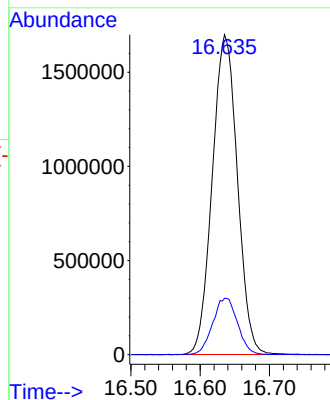
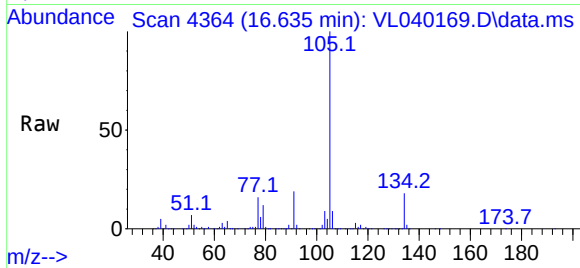




#67
 sec-Butylbenzene
 Concen: 7.592 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

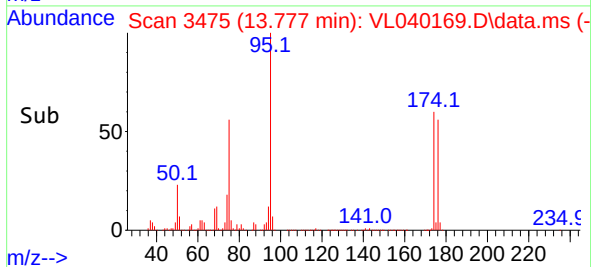
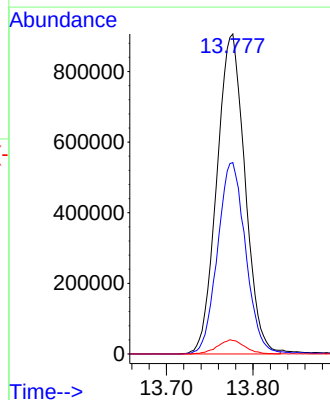
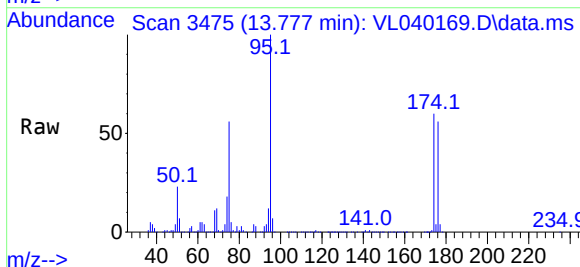
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

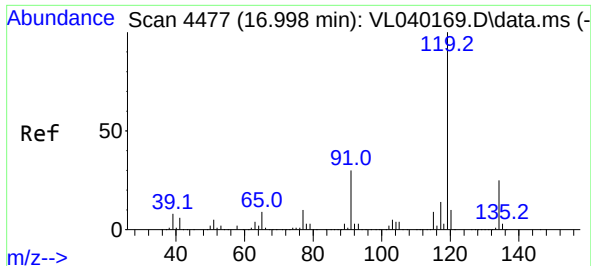
Tgt Ion:105 Resp: 4274706
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.183 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

Tgt Ion: 95 Resp: 2044661
 Ion Ratio Lower Upper
 95 100
 174 60.1 48.2 72.2
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 7.756 ppbv

RT: 16.998 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

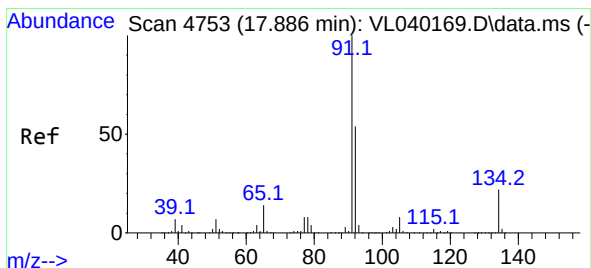
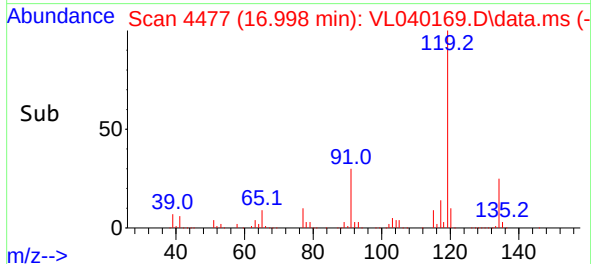
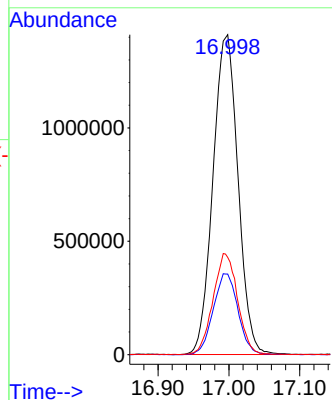
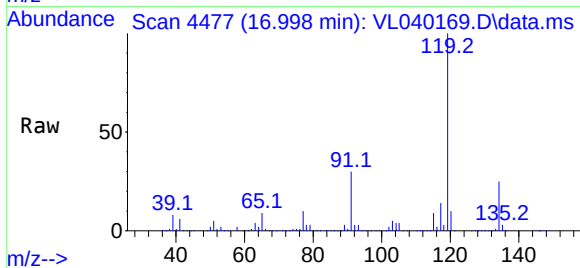
Tgt Ion:119 Resp: 3461992

Ion Ratio Lower Upper

119 100

134 25.1 20.2 30.2

91 31.0 24.7 37.1



#70

n-Butylbenzene

Concen: 7.603 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

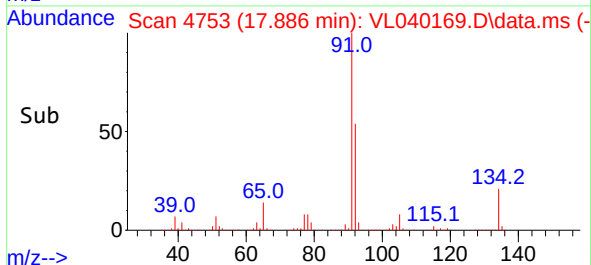
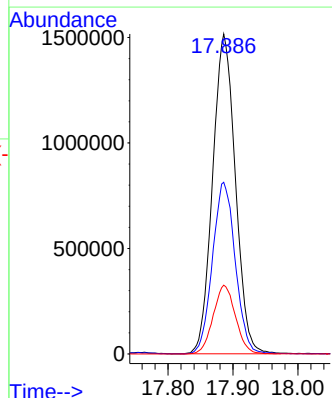
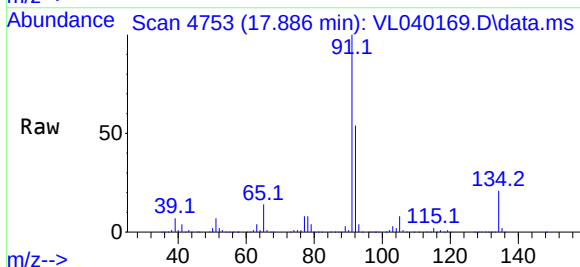
Tgt Ion: 91 Resp: 3683464

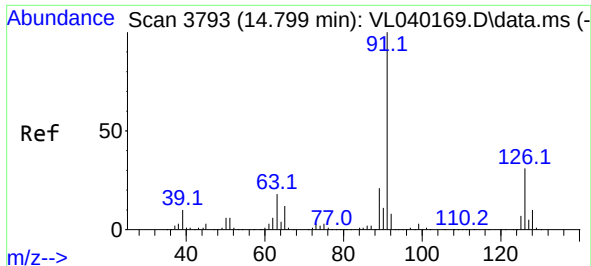
Ion Ratio Lower Upper

91 100

92 53.7 43.0 64.6

134 21.2 16.9 25.3

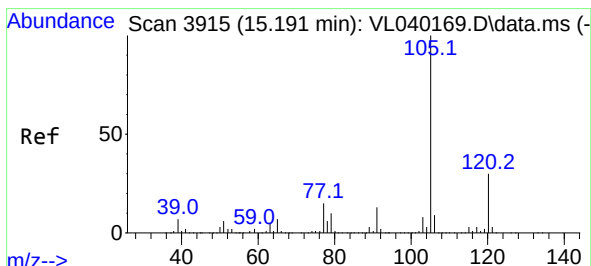
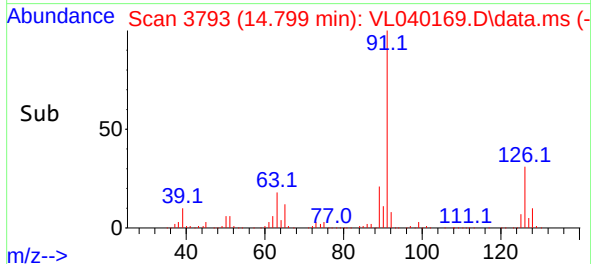
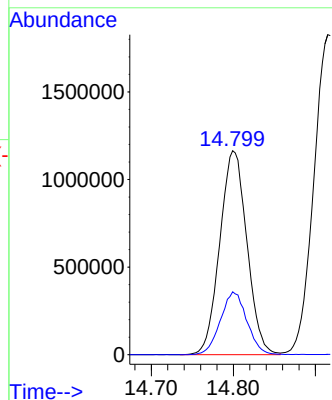
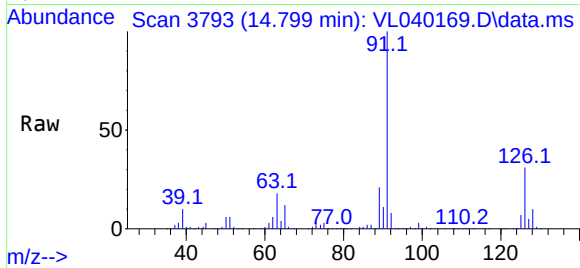




#71
2-Chlorotoluene
Concen: 7.752 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

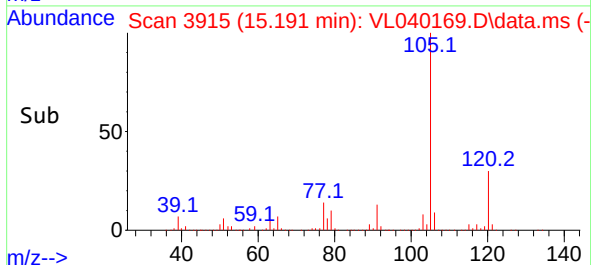
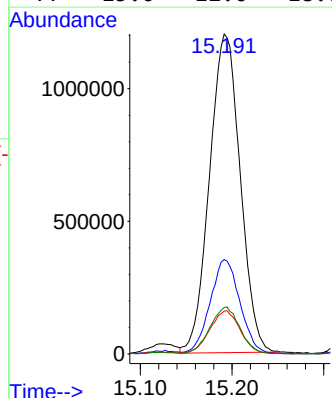
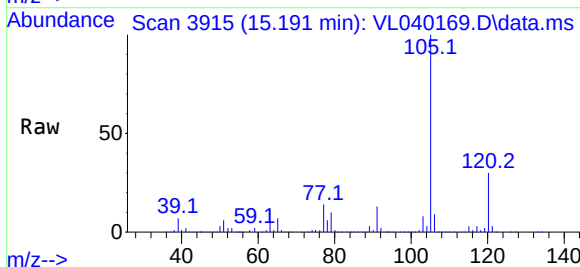
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

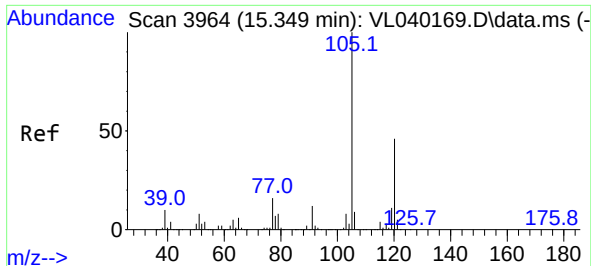
Tgt Ion: 91 Resp: 2677656
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2



#72
4-Ethyltoluene
Concen: 8.037 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 105 Resp: 2795564
Ion Ratio Lower Upper
105 100
120 29.0 23.2 34.8
91 14.1 11.3 16.9
77 15.0 12.0 18.0

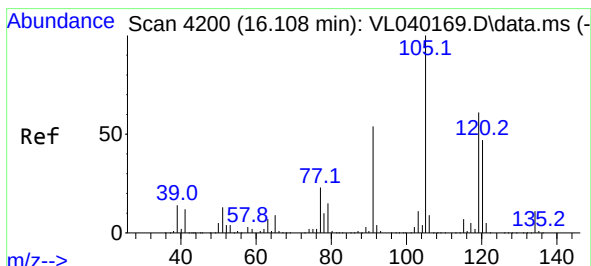
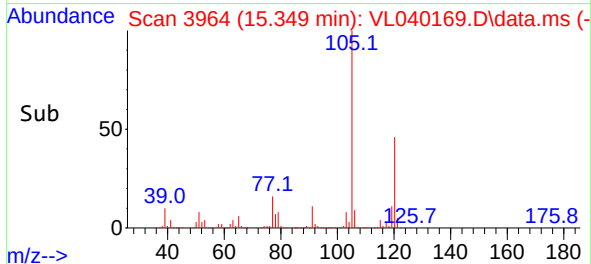
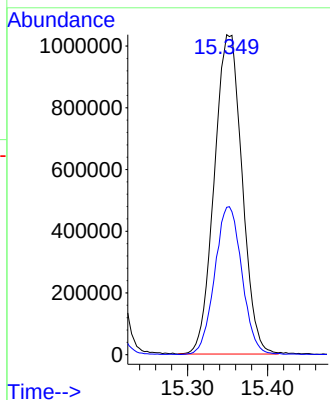
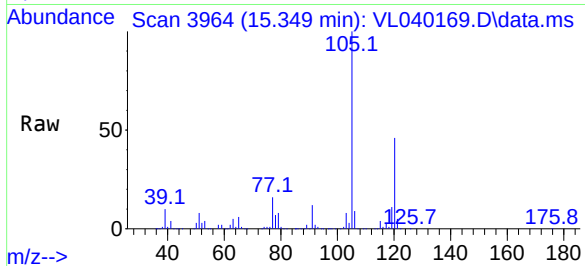




#73
1,3,5-Trimethylbenzene
Concen: 7.713 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

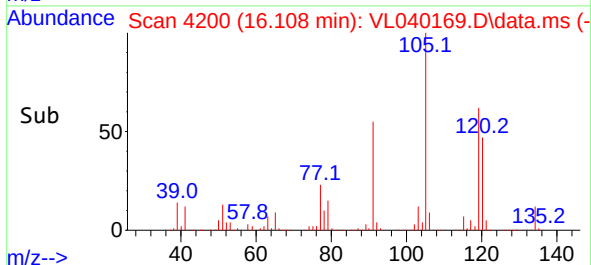
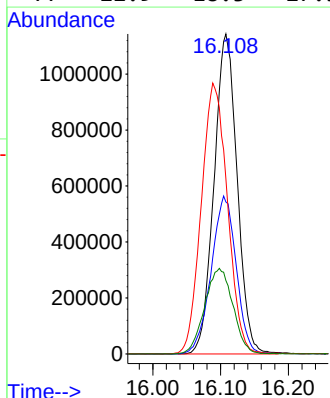
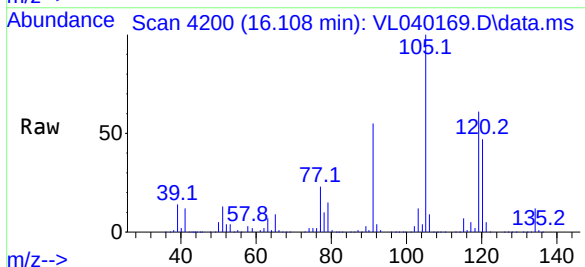
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

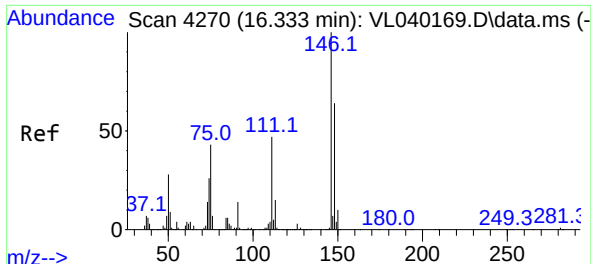
Tgt Ion:105 Resp: 2496417
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 7.605 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:105 Resp: 2703720
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9
91 54.6 43.7 65.5
77 22.9 18.3 27.5

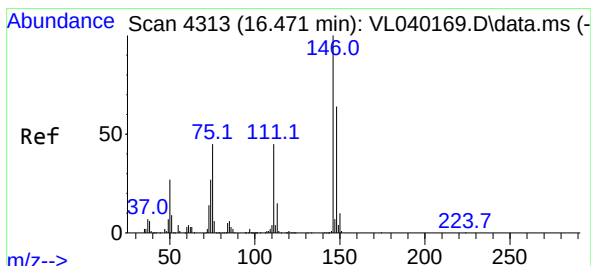
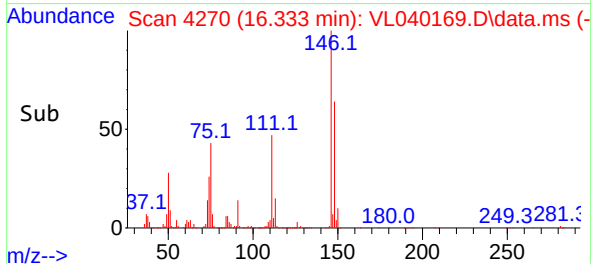
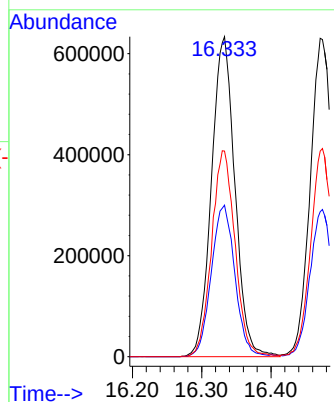
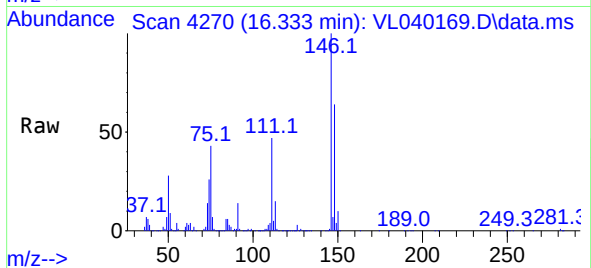




#75
1,3-Dichlorobenzene
Concen: 7.648 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

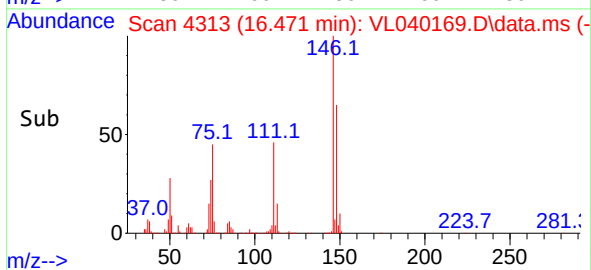
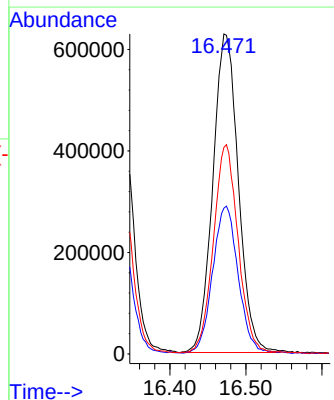
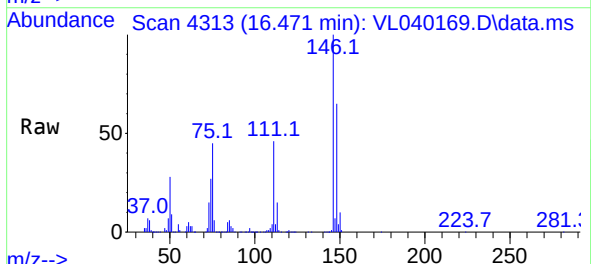
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

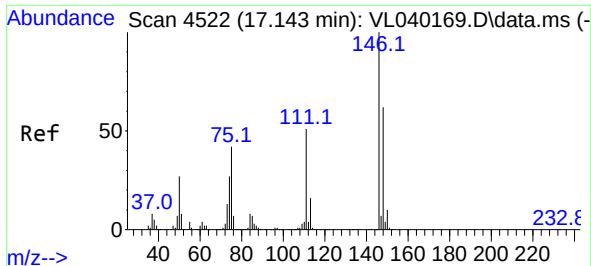
Tgt Ion:146 Resp: 1487917
Ion Ratio Lower Upper
146 100
111 47.8 23.9 71.8
148 64.4 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 7.660 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:146 Resp: 1460400
Ion Ratio Lower Upper
146 100
111 47.0 23.5 70.5
148 64.9 32.5 97.4

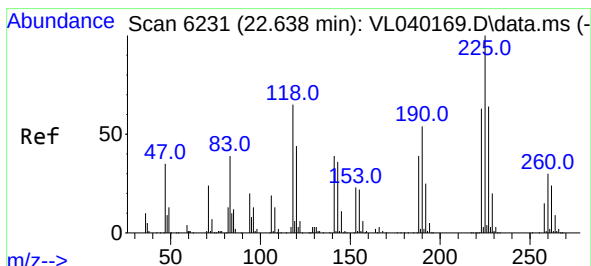
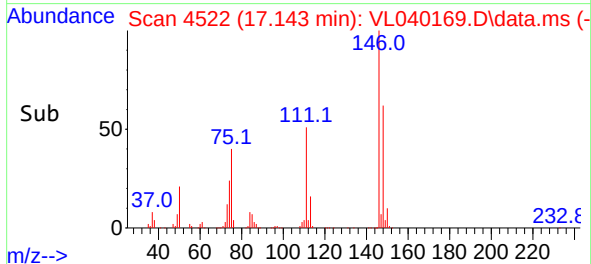
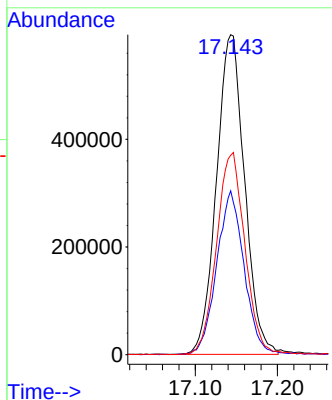
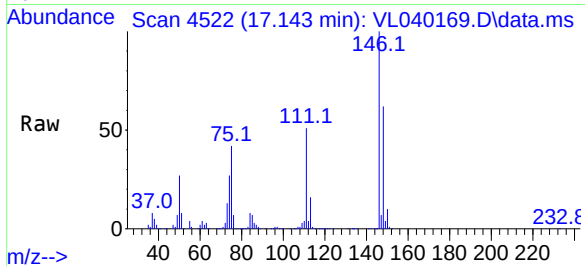




#77
1,2-Dichlorobenzene
Concen: 7.330 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

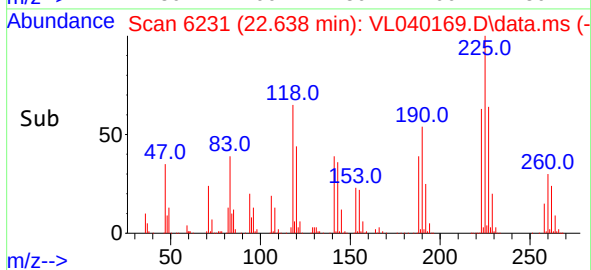
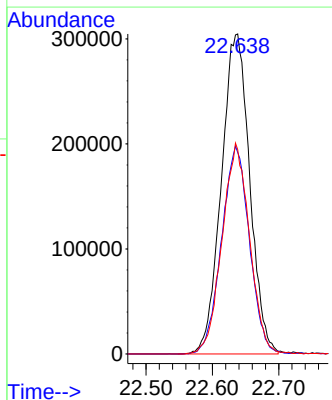
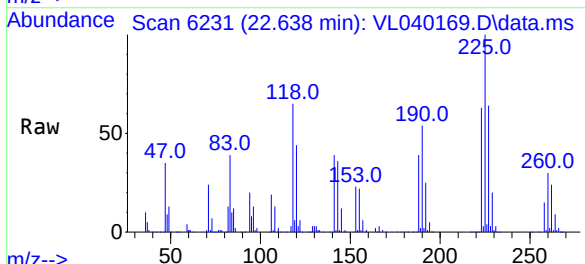
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

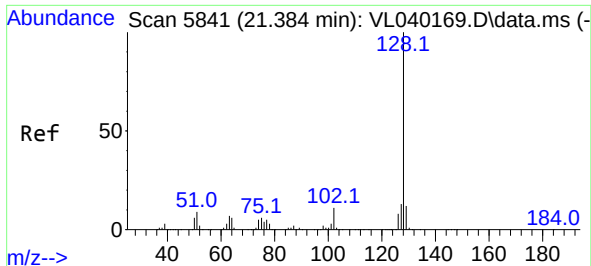
Tgt Ion:146 Resp: 1416598
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.8
148 63.8 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.819 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:225 Resp: 905390
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 64.0 51.2 76.8

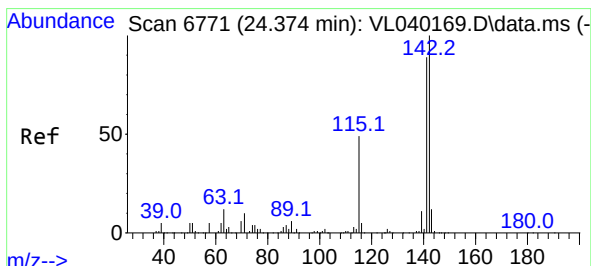
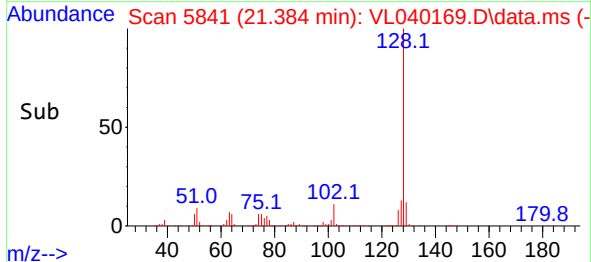
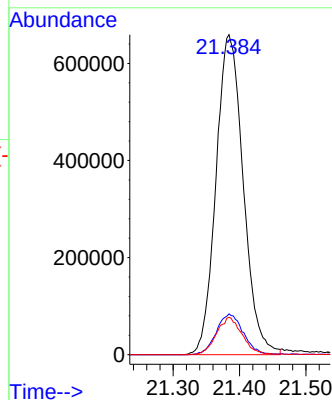
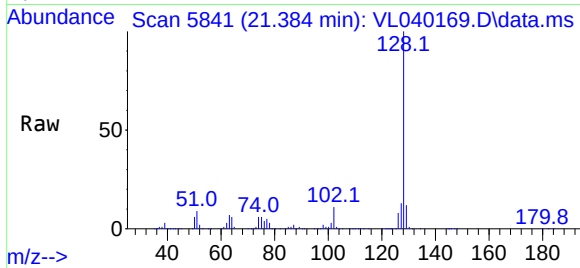




#79
Naphthalene
Concen: 9.420 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

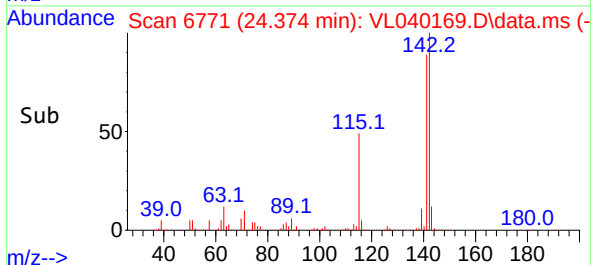
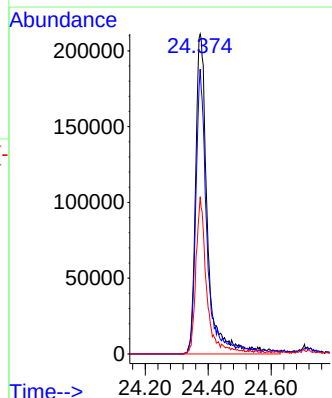
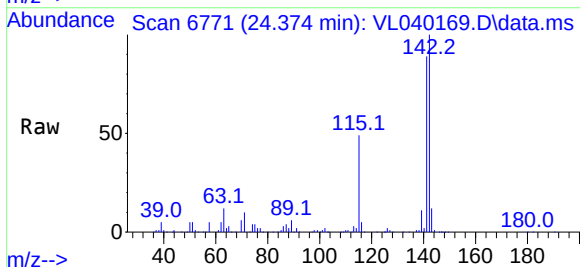
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

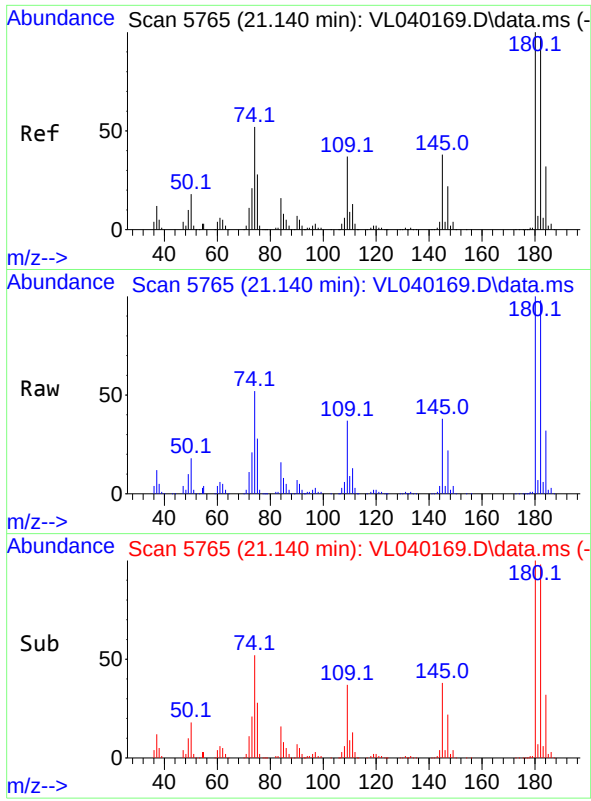
Tgt Ion:128 Resp: 1881441
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.7 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 9.807 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:142 Resp: 557006
Ion Ratio Lower Upper
142 100
141 84.1 67.3 100.9
115 45.6 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 7.914 ppbv
RT: 21.140 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 989134
Ion Ratio Lower Upper
180 100
182 98.8 79.0 118.6
184 30.7 24.6 36.8

