

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040309.D
 Acq On : 5 Apr 2023 9:37
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 06 07:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1049524	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2600377	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	3091202	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2195334	8.481	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	1585248	7.698	ppbv	96
3) Chlorodifluoromethane	2.645	51	1164708	8.825	ppbv	99
4) Chloromethane	2.783	50	733443	9.000	ppbv	100
5) Vinyl Chloride	2.890	62	635381	9.629	ppbv	97
6) Bromomethane	3.089	94	219077	9.574	ppbv	92
7) Chloroethane	3.166	64	236193	9.324	ppbv	96
8) Dichlorotetrafluoroethane	2.829	85	1651124	9.367	ppbv	98
9) Propene	2.665	41	462606	9.150	ppbv	97
10) Heptane	7.558	43	1190532	9.790	ppbv	99
11) Trichlorofluoromethane	3.533	101	1733940	9.294	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.041	101	1224281	8.738	ppbv	97
13) Ethanol	3.218	45	24954	6.730	ppbv	85
14) Bromoethene	3.340	108	510812	9.773	ppbv	100
15) Acetone	3.439	43	1102770	8.631	ppbv	98
16) 1,3-Butadiene	2.954	39	561604	9.670	ppbv	99
17) tert-Butyl alcohol	3.848	59	1244612	10.249	ppbv	100
18) 1,1-Dichloroethene	3.851	96	553116	9.202	ppbv	95
19) Isopropyl Alcohol	3.546	45	572036	9.346	ppbv	98
20) Methylene Chloride	3.906	84	460638	8.570	ppbv	99
21) Allyl Chloride	3.967	41	787165	9.511	ppbv	98
22) trans-1,2-Dichloroethene	4.420	96	576171	9.418	ppbv	96
23) Vinyl Acetate	4.600	43	352011	9.903	ppbv #	94
24) 1,1-Dichloroethane	4.536	63	1157395	9.128	ppbv	99
25) Ethyl Acetate	5.179	43	2223172	9.294	ppbv	99
26) Hexane	5.189	57	934136	9.513	ppbv	97
27) Carbon Disulfide	4.095	76	1357731	9.900	ppbv	98
28) Methyl tert-Butyl Ether	4.558	73	1026457	9.104	ppbv	99
29) Chloroform	5.250	83	1640656	9.462	ppbv	100
30) Cyclohexane	6.578	84	788179	10.186	ppbv	99
31) cis-1,2-Dichloroethene	5.053	61	967578	10.118	ppbv	97
32) 1,1,1-Trichloroethane	5.979	97	1675806	10.088	ppbv	99
34) 2-Butanone	4.761	43	1213646	9.457	ppbv	100
35) Carbon Tetrachloride	6.471	117	1718818	10.533	ppbv	99
36) Benzene	6.349	78	1949887	9.839	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1278821	9.915	ppbv	100
38) Trichloroethene	7.272	130	1174916	10.849	ppbv	98
39) 1,2-Dichloropropane	7.053	63	755024	9.711	ppbv	99
40) 1,4-Dioxane	7.266	88	297240	9.664	ppbv	83
41) Tetrahydrofuran	5.533	42	715027	9.654	ppbv	99
42) Bromodichloromethane	7.227	83	1775072	10.071	ppbv	99
43) Methyl Methacrylate	7.455	69	776145	10.539	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3315388	10.034	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	738174	11.498	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040309.D
 Acq On : 5 Apr 2023 9:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

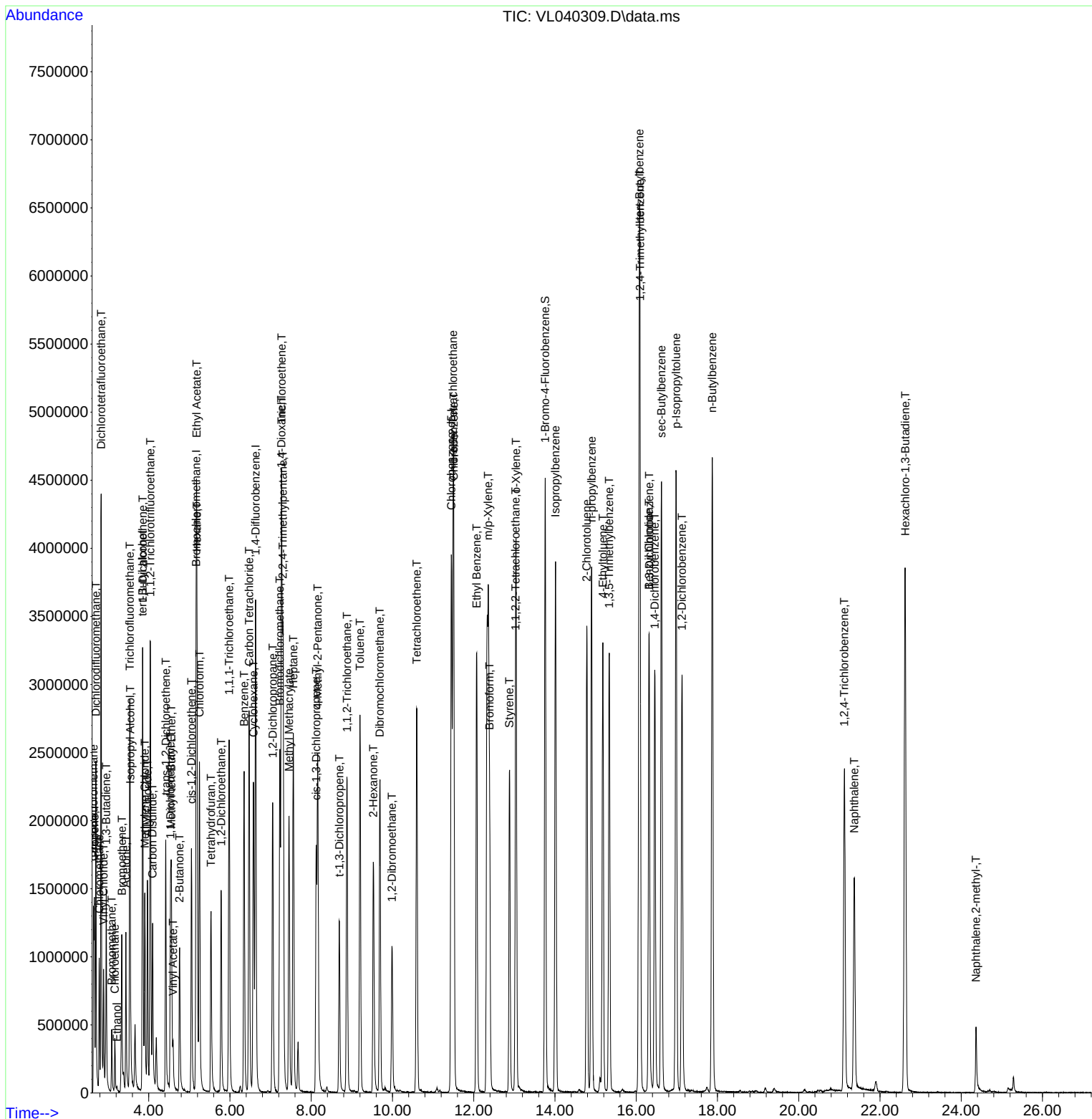
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

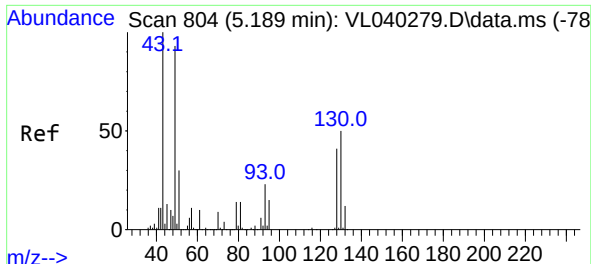
Quant Time: Apr 06 07:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1023482	11.227	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	795544	9.590	ppbv	94
48) Dibromochloromethane	9.690	129	1378125	10.095	ppbv	100
49) Bromoform	12.391	173	1042066	10.163	ppbv	99
50) 4-Methyl-2-Pentanone	8.159	43	2025841	10.201	ppbv	98
51) 2-Hexanone	9.529	43	1528819	9.937	ppbv	99
52) Tetrachloroethene	10.597	164	634525	10.583	ppbv	98
53) Toluene	9.201	91	2187758	10.535	ppbv	99
54) 1,2-Dibromoethane	9.989	107	871255	10.203	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.491	131	995296	7.654	ppbv	97
57) Chlorobenzene	11.510	112	1656774	7.535	ppbv	99
58) Ethyl Benzene	12.073	91	2959995	8.410	ppbv	100
59) m/p-Xylene	12.355	91	2724390	8.449	ppbv #	38
60) o-Xylene	13.040	91	2476158	8.033	ppbv	100
61) Styrene	12.880	104	1377056	8.804	ppbv	99
62) Isopropylbenzene	14.015	105	3497207	7.967	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.027	83	767925	7.080	ppbv	98
64) n-propylbenzene	14.902	120	873825	8.135	ppbv	99
65) tert-Butylbenzene	16.076	119	3093468	8.178	ppbv	99
66) Benzyl Chloride	16.313	91	210277	8.554	ppbv	99
67) sec-Butylbenzene	16.619	105	4514501	8.345	ppbv	99
69) p-Isopropyltoluene	16.982	119	3688005	8.754	ppbv	100
70) n-Butylbenzene	17.873	91	4155480	8.953	ppbv	100
71) 2-Chlorotoluene	14.783	91	2690163	8.052	ppbv	100
72) 4-Ethyltoluene	15.178	105	2864135	8.499	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2585319	8.469	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	2882253	8.279	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1584906	8.406	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1550564	8.622	ppbv	100
77) 1,2-Dichlorobenzene	17.127	146	1564951	8.635	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1037956	7.809	ppbv	99
79) Naphthalene	21.368	128	2037309	9.893	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	313498	6.011	ppbv	95
81) 1,2,4-Trichlorobenzene	21.124	180	1077268	8.493	ppbv	98

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

Quant Time: Apr 06 07:49:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

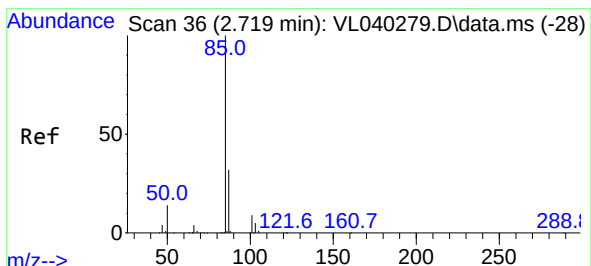
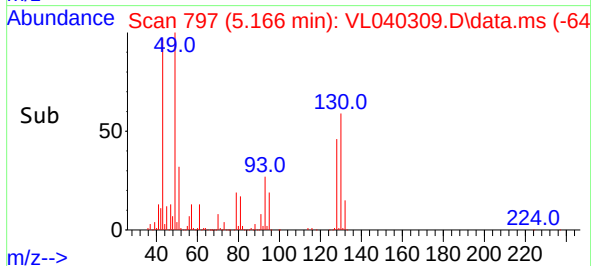
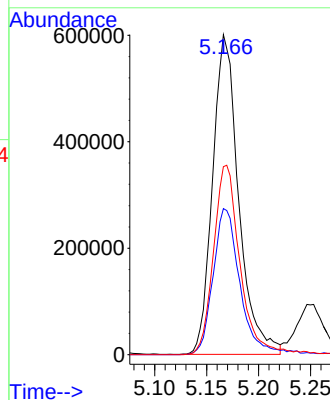
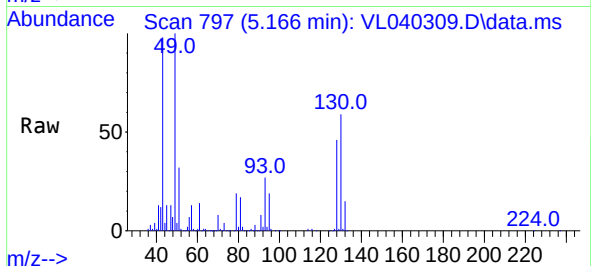




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

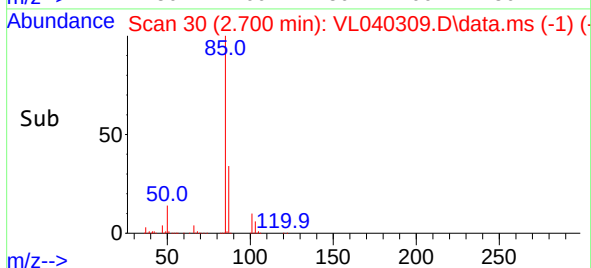
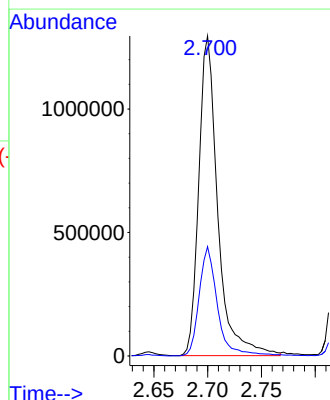
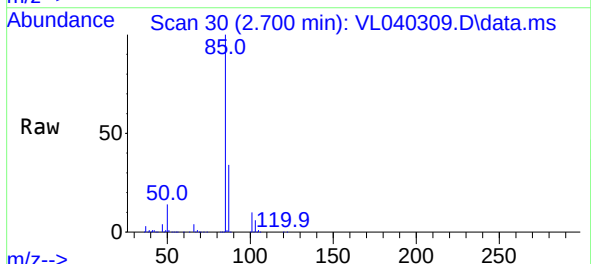
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

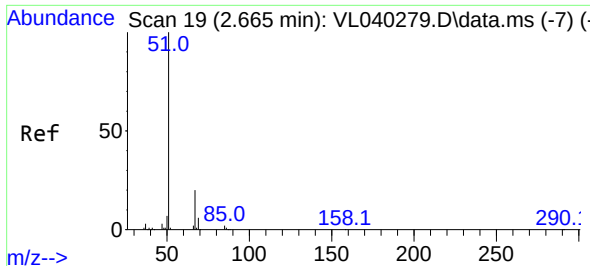
Tgt Ion: 49 Resp: 1049524
Ion Ratio Lower Upper
49 100
128 47.8 22.4 67.3
130 61.2 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 7.698 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 85 Resp: 1585248
Ion Ratio Lower Upper
85 100
87 34.1 25.5 38.3

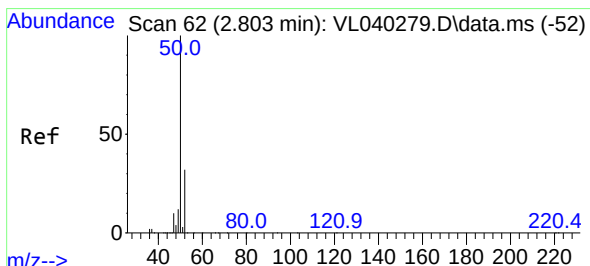
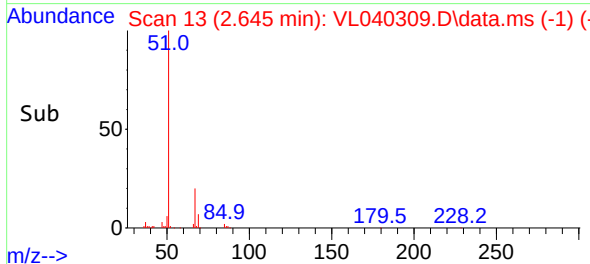
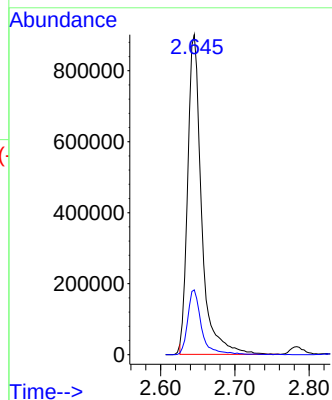
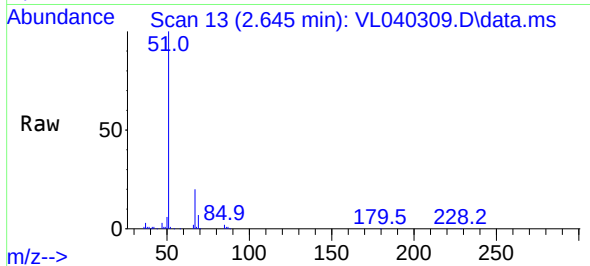




#3
Chlorodifluoromethane
Concen: 8.825 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

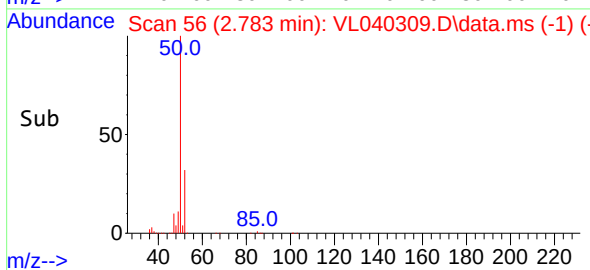
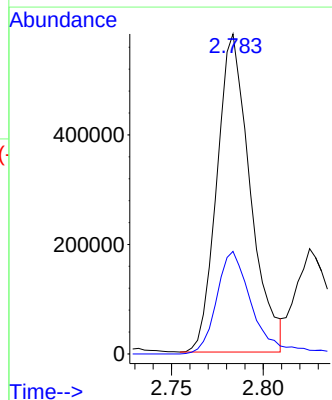
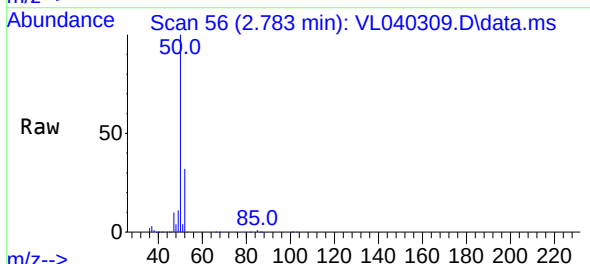
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1164708
Ion Ratio Lower Upper
51 100
67 20.4 16.0 24.0

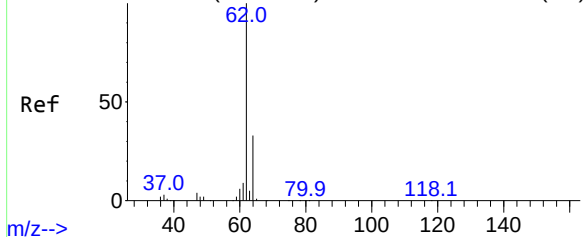


#4
Chloromethane
Concen: 9.000 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 50 Resp: 733443
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



Abundance Scan 96 (2.912 min): VL040279.D\data.ms (-87)



#5

Vinyl Chloride

Concen: 9.629 ppbv

RT: 2.890 min Scan# 89

Delta R.T. -0.022 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

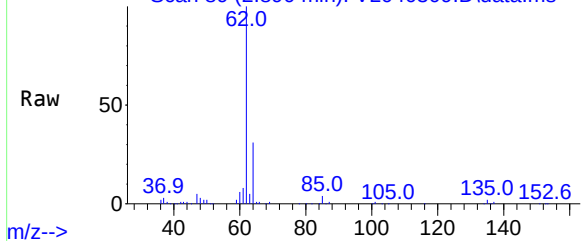
Tgt Ion: 62 Resp: 635381

Ion Ratio Lower Upper

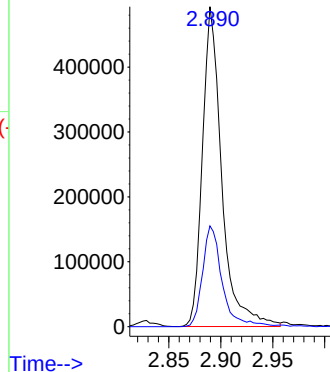
62 100

64 31.5 26.4 39.6

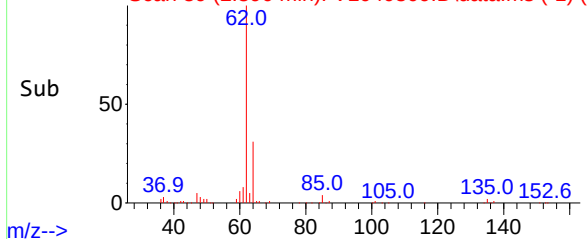
Abundance Scan 89 (2.890 min): VL040309.D\data.ms



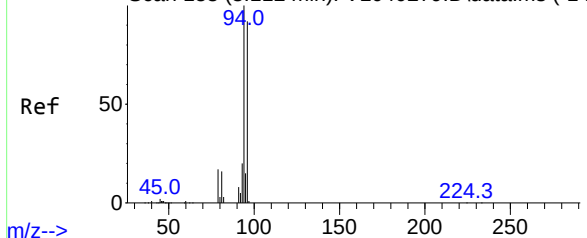
Abundance



Abundance Scan 89 (2.890 min): VL040309.D\data.ms (-1)



Abundance Scan 158 (3.112 min): VL040279.D\data.ms (-14)



#6

Bromomethane

Concen: 9.574 ppbv

RT: 3.089 min Scan# 151

Delta R.T. -0.023 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

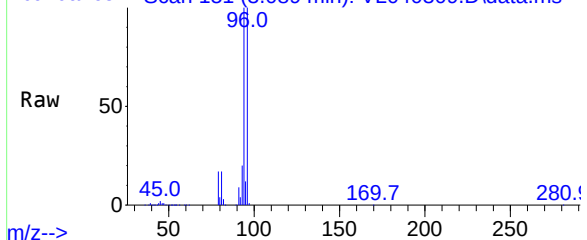
Tgt Ion: 94 Resp: 219077

Ion Ratio Lower Upper

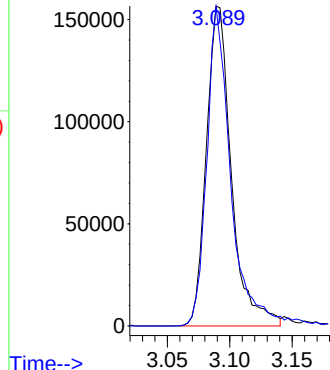
94 100

96 99.6 73.7 110.5

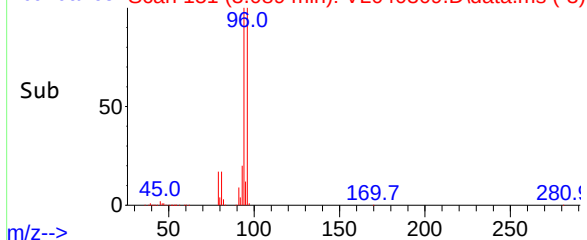
Abundance Scan 151 (3.089 min): VL040309.D\data.ms

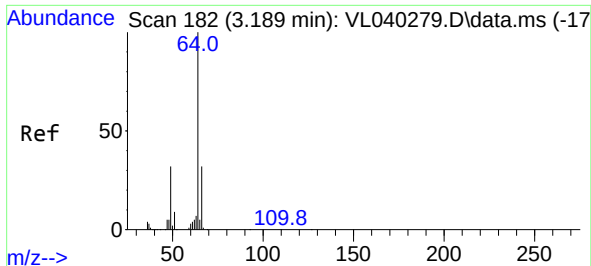


Abundance



Abundance Scan 151 (3.089 min): VL040309.D\data.ms (-3)

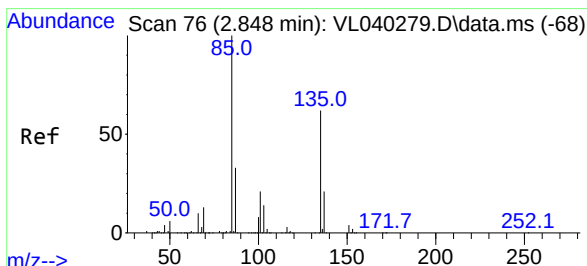
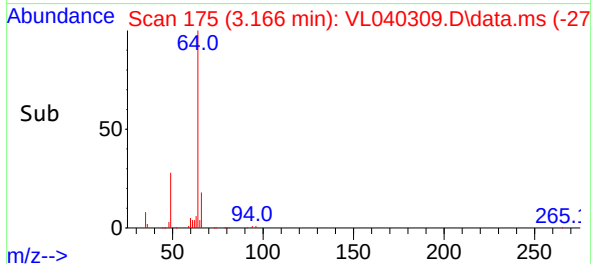
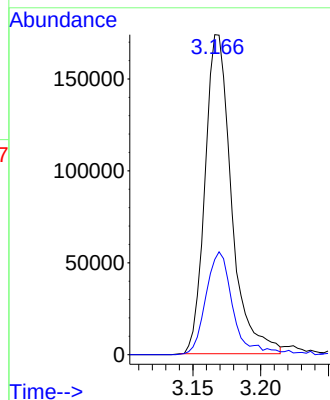
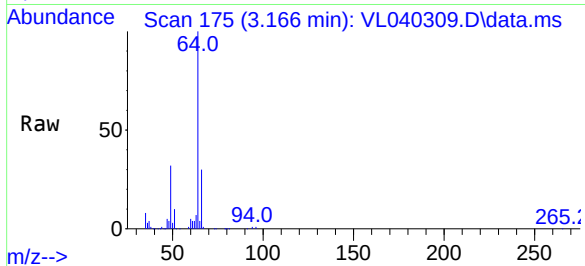




#7
Chloroethane
Concen: 9.324 ppbv
RT: 3.166 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

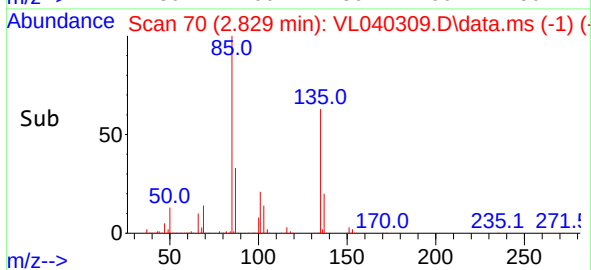
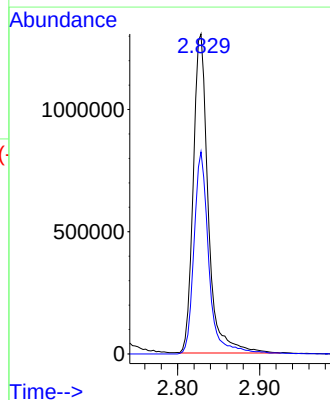
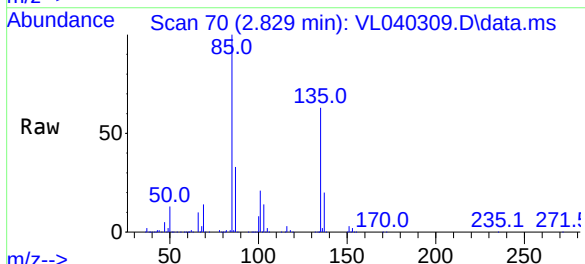
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 236193
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

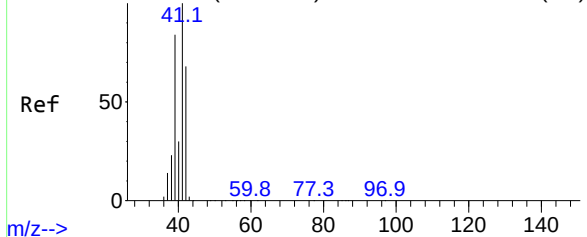


#8
Dichlorotetrafluoroethane
Concen: 9.367 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 85 Resp: 1651124
Ion Ratio Lower Upper
85 100
135 63.4 52.0 78.0



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 9.150 ppbv

RT: 2.665 min Scan# 15

Delta R.T. -0.019 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

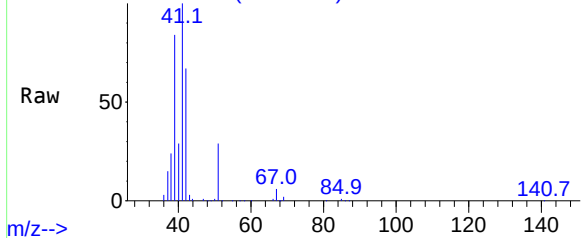
Tgt Ion: 41 Resp: 462606

Ion Ratio Lower Upper

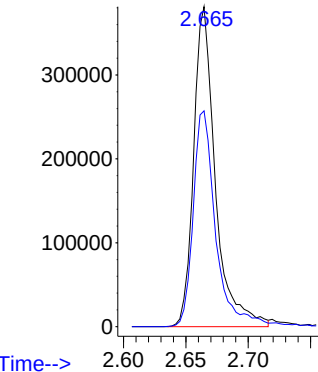
41 100

42 70.9 59.0 88.4

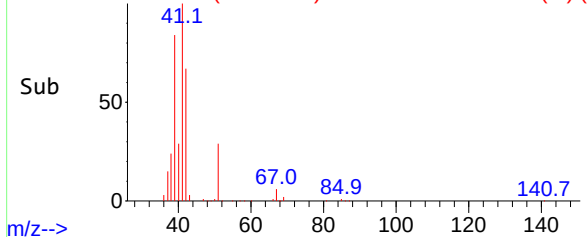
Abundance Scan 19 (2.665 min): VL040309.D\data.ms



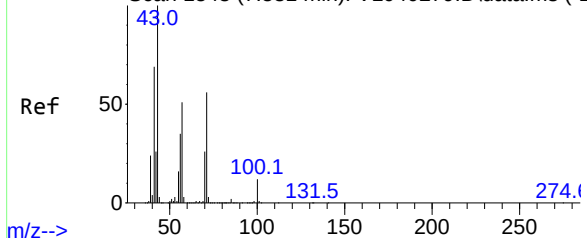
Abundance



Abundance Scan 19 (2.665 min): VL040309.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 9.790 ppbv

RT: 7.558 min Scan# 1541

Delta R.T. -0.023 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

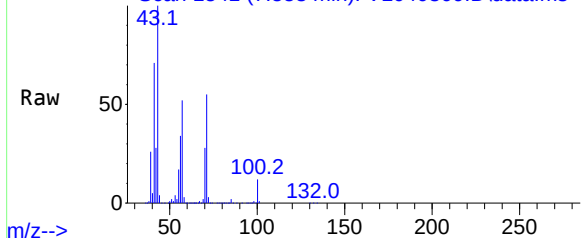
Tgt Ion: 43 Resp: 1190532

Ion Ratio Lower Upper

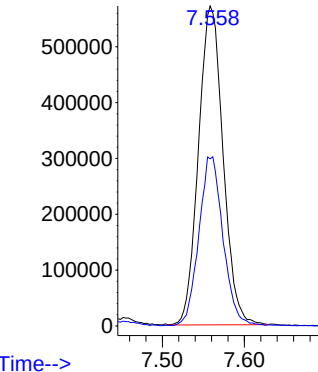
43 100

57 52.5 41.7 62.5

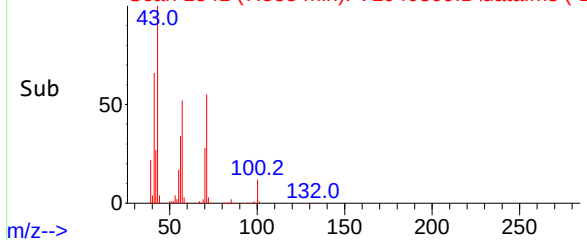
Abundance Scan 1541 (7.558 min): VL040309.D\data.ms

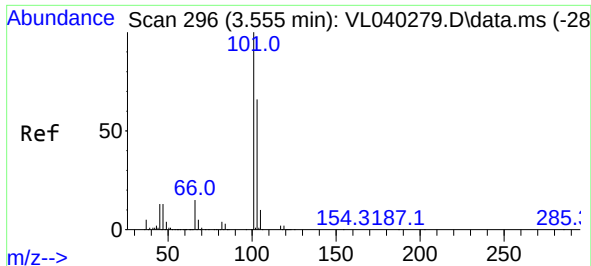


Abundance



Abundance Scan 1541 (7.558 min): VL040309.D\data.ms (-1)

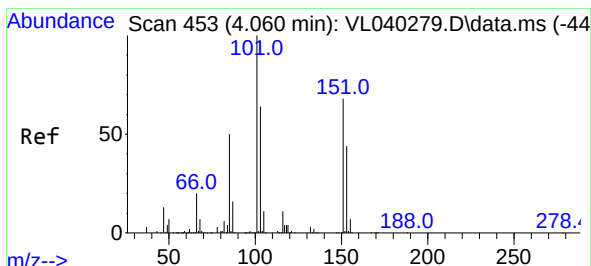
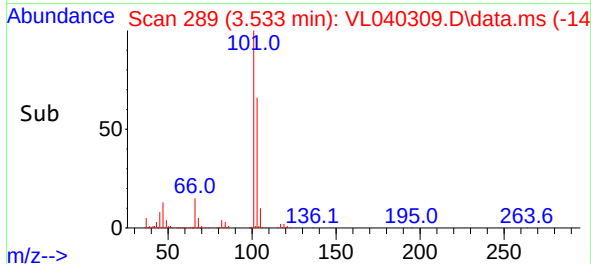
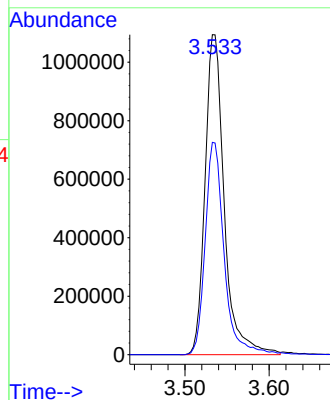
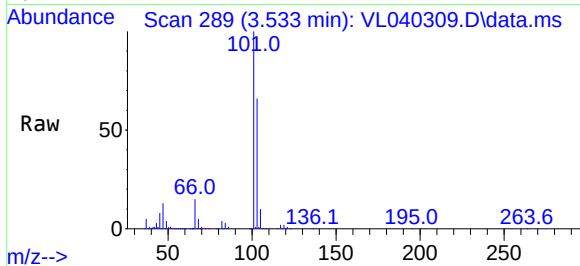




#11
 Trichlorofluoromethane
 Concen: 9.294 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. -0.022 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

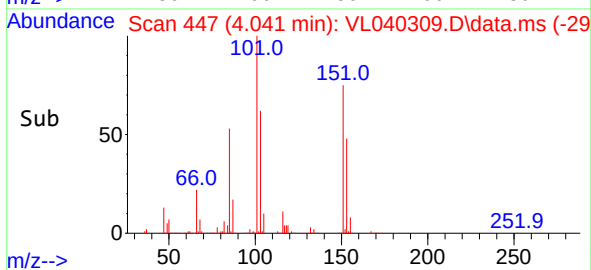
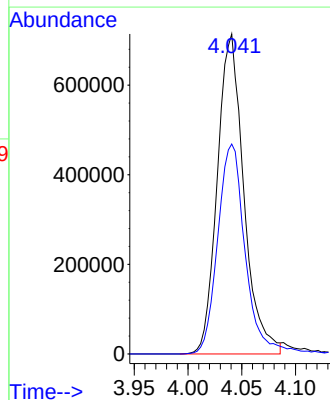
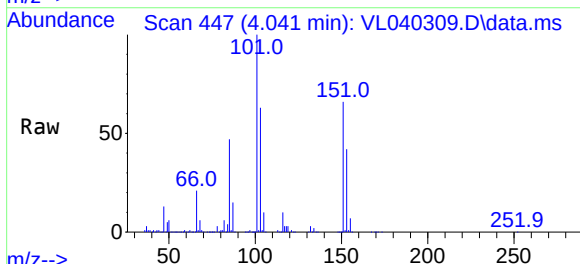
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

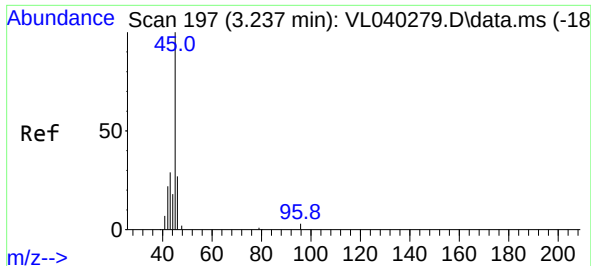
Tgt Ion:101 Resp: 1733940
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.738 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. -0.019 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Tgt Ion:101 Resp: 1224281
 Ion Ratio Lower Upper
 101 100
 151 68.9 53.2 79.8

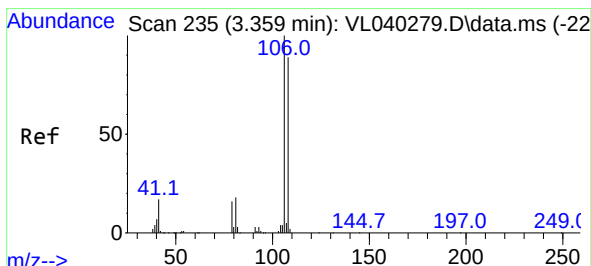
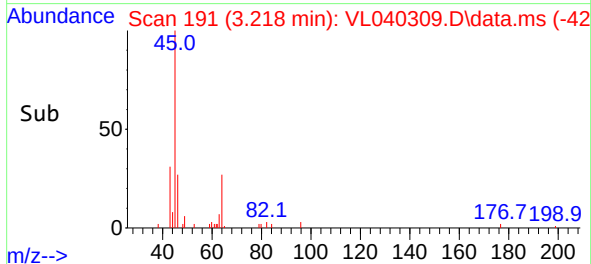
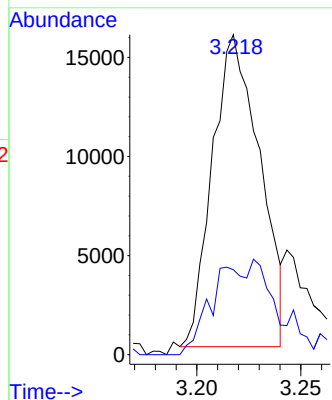
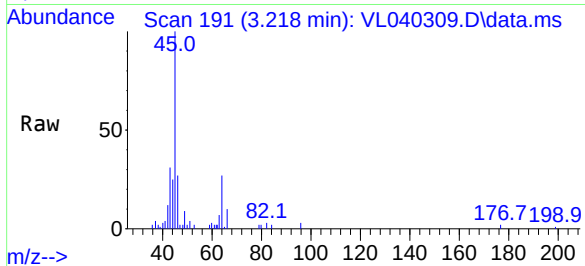




#13
Ethanol
Concen: 6.730 ppbv
RT: 3.218 min Scan# 197
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

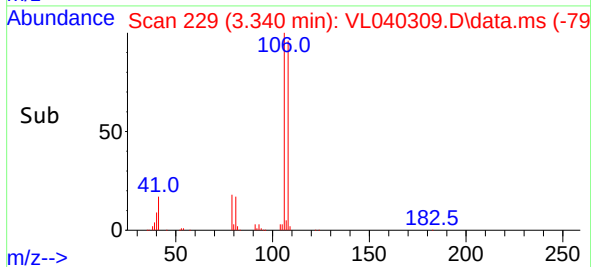
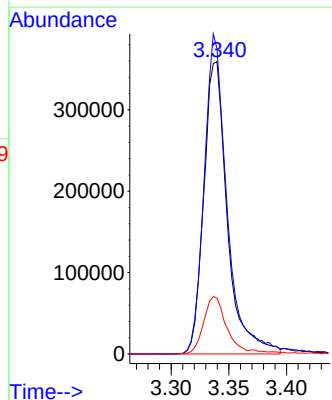
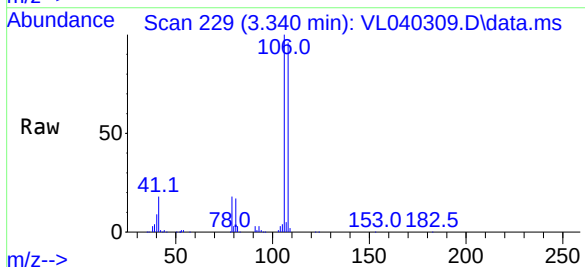
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

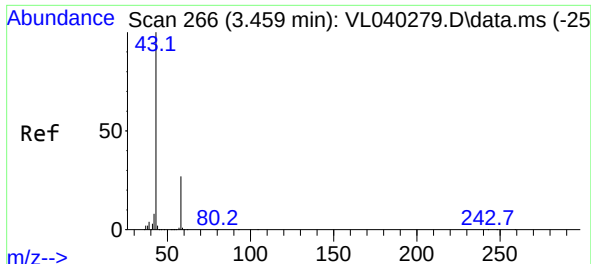
Tgt Ion: 45 Resp: 24954
Ion Ratio Lower Upper
45 100
46 46.4 15.0 60.2



#14
Bromoethene
Concen: 9.773 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 108 Resp: 510812
Ion Ratio Lower Upper
108 100
106 107.5 85.8 128.8
79 20.3 15.8 23.6

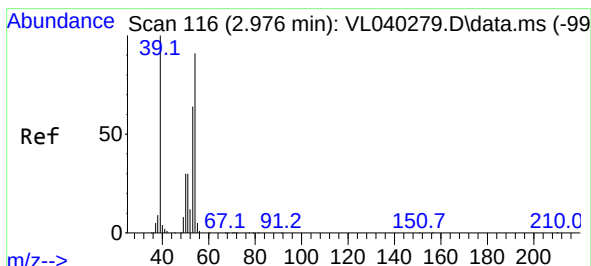
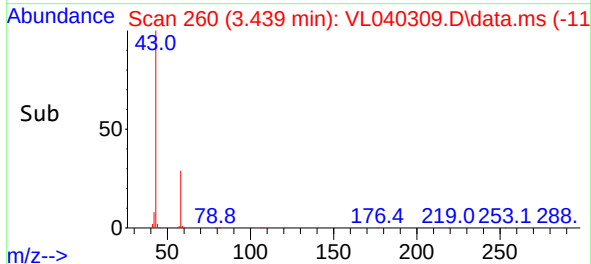
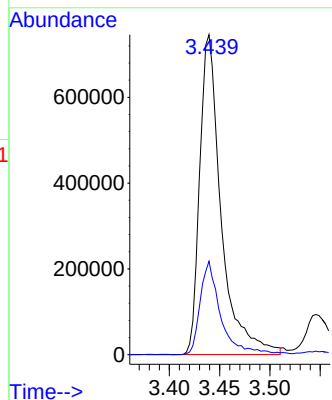
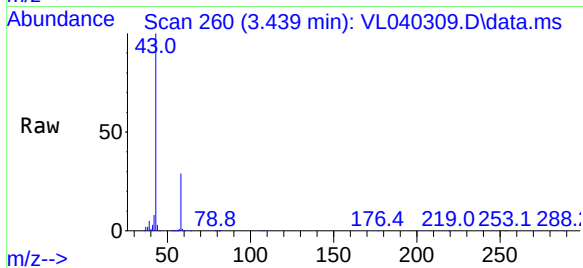




#15
Acetone
Concen: 8.631 ppbv
RT: 3.439 min Scan# 210
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

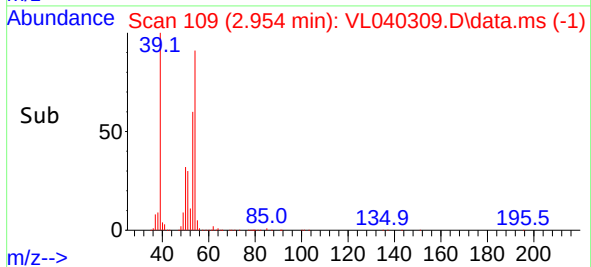
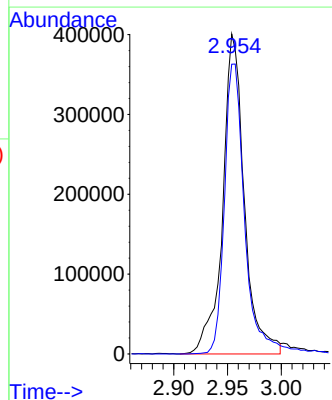
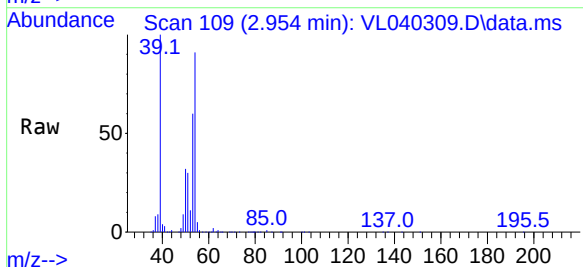
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

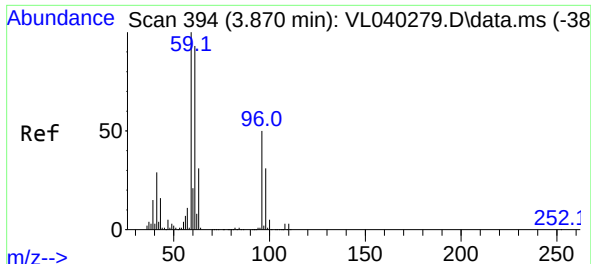
Tgt Ion: 43 Resp: 1102770
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.8



#16
1,3-Butadiene
Concen: 9.670 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 39 Resp: 561604
Ion Ratio Lower Upper
39 100
54 86.5 68.4 102.6

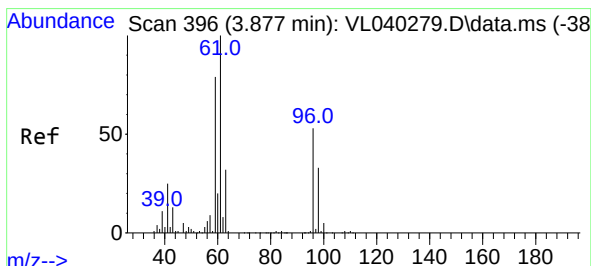
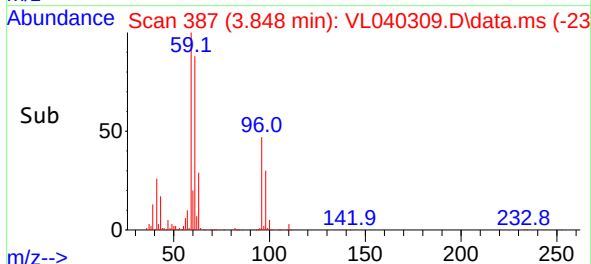
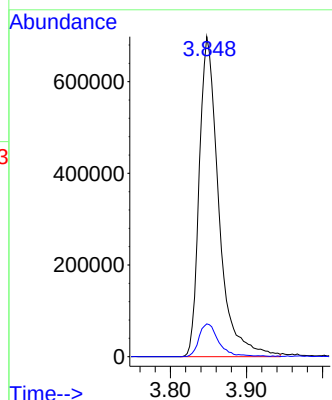
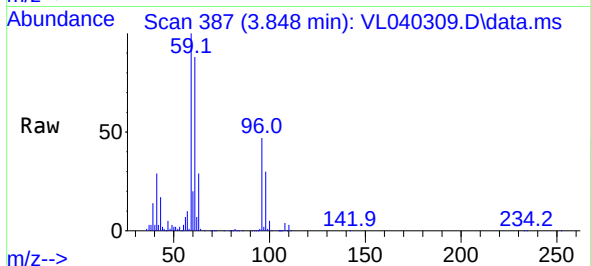




#17
tert-Butyl alcohol
Concen: 10.249 ppbv
RT: 3.848 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

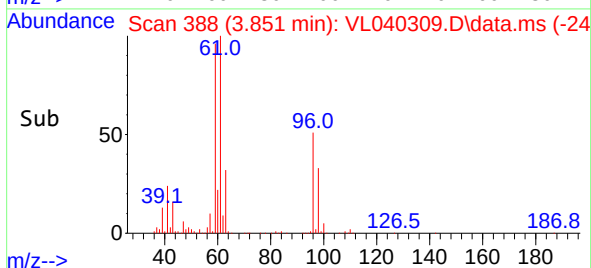
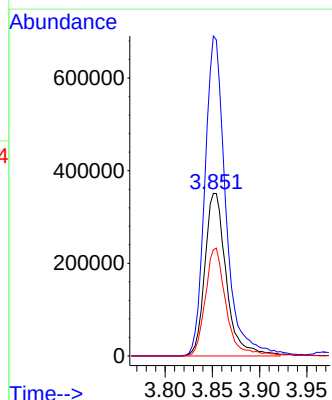
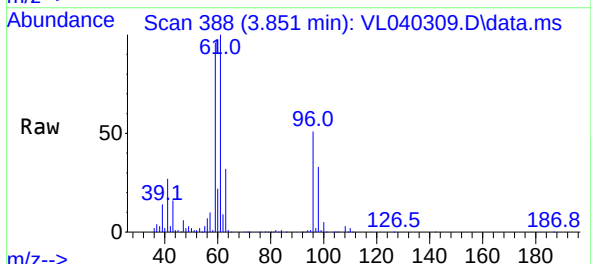
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

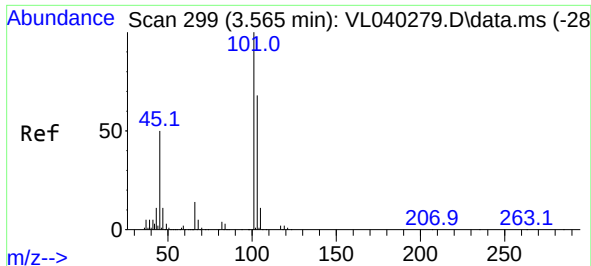
Tgt Ion: 59 Resp: 1244612
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.202 ppbv
RT: 3.851 min Scan# 388
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 96 Resp: 553116
Ion Ratio Lower Upper
96 100
61 196.9 150.6 226.0
98 65.2 50.3 75.5

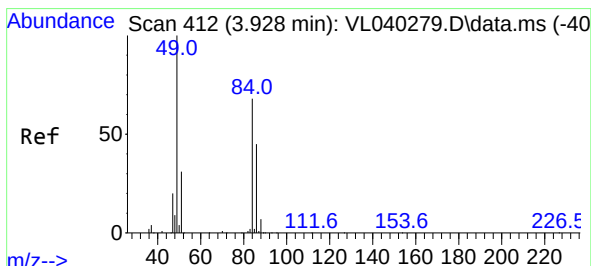
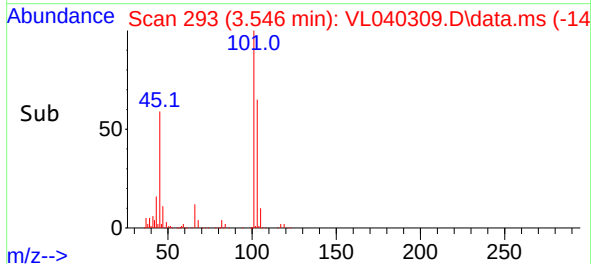
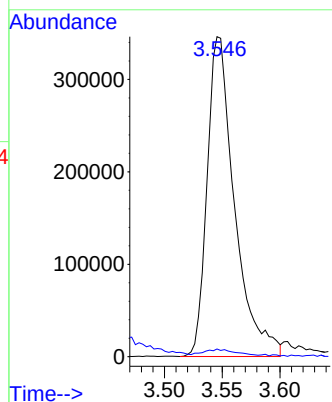
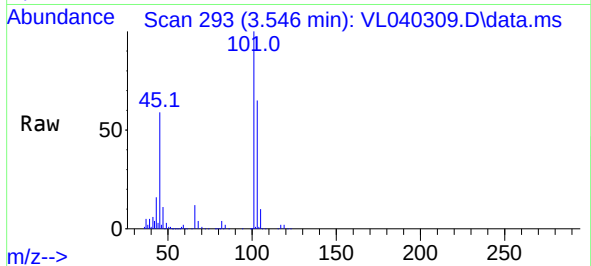




#19
Isopropyl Alcohol
Concen: 9.346 ppbv
RT: 3.546 min Scan# 299
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

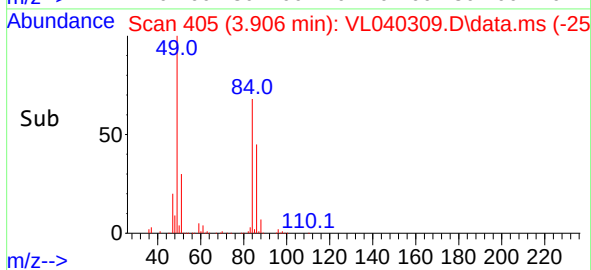
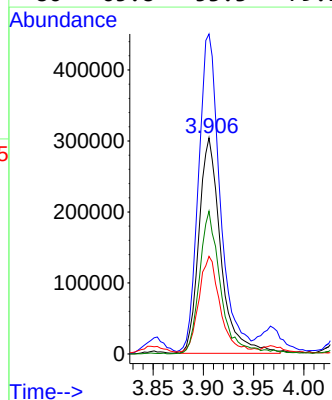
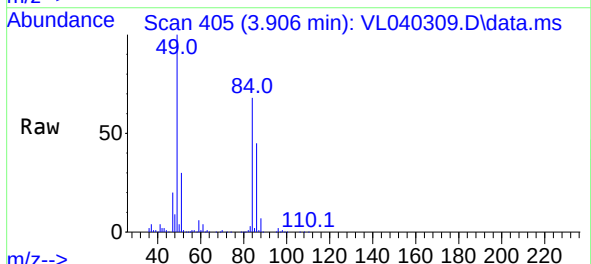
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

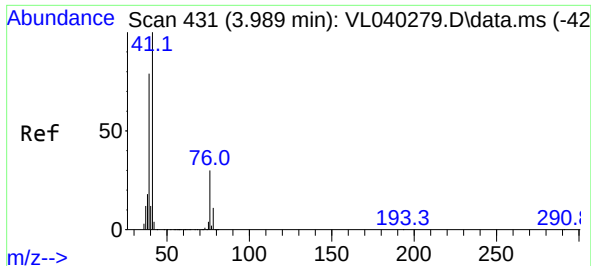
Tgt Ion: 45 Resp: 572036
Ion Ratio Lower Upper
45 100
58 2.7 2.7 4.1



#20
Methylene Chloride
Concen: 8.570 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 84 Resp: 460638
Ion Ratio Lower Upper
84 100
49 146.7 117.5 176.3
51 44.2 36.9 55.3
86 65.8 53.3 79.9





#21

Allyl Chloride

Concen: 9.511 ppbv

RT: 3.967 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

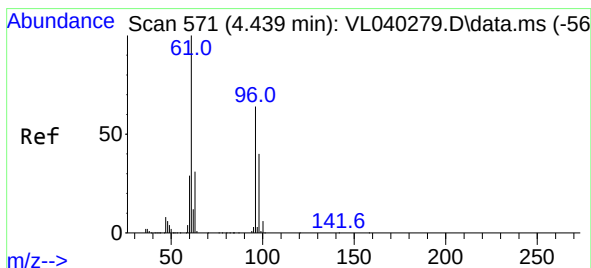
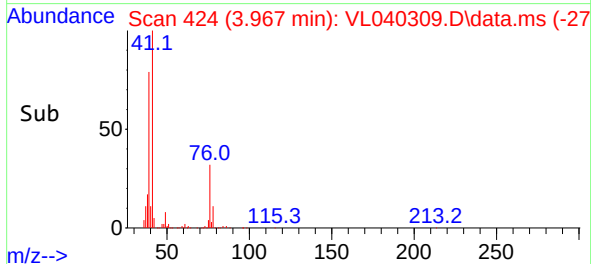
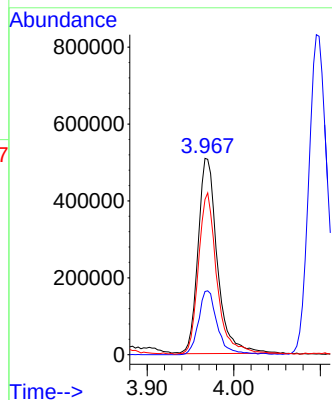
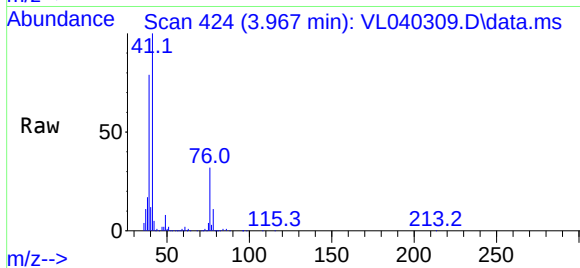
Tgt Ion: 41 Resp: 787165

Ion Ratio Lower Upper

41 100

76 32.1 25.4 38.0

39 79.3 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 9.418 ppbv

RT: 4.420 min Scan# 565

Delta R.T. -0.019 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

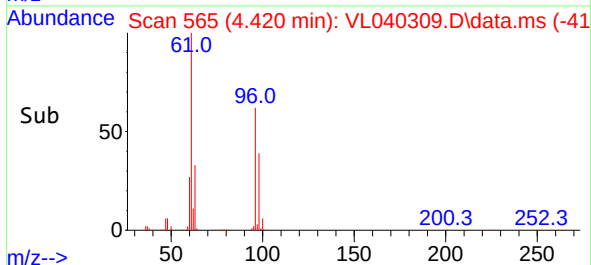
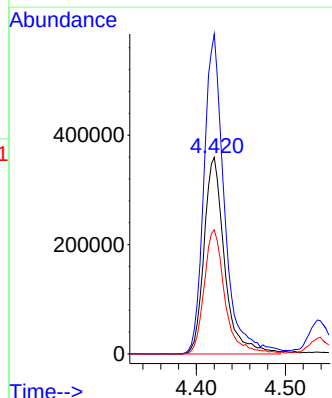
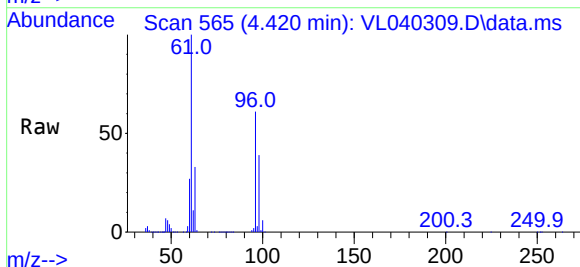
Tgt Ion: 96 Resp: 576171

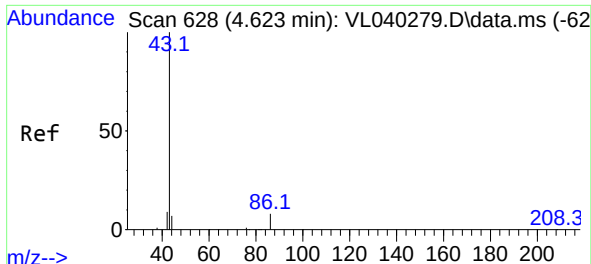
Ion Ratio Lower Upper

96 100

61 162.7 125.4 188.2

98 63.1 49.8 74.6

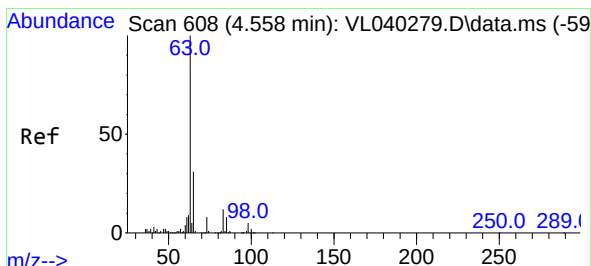
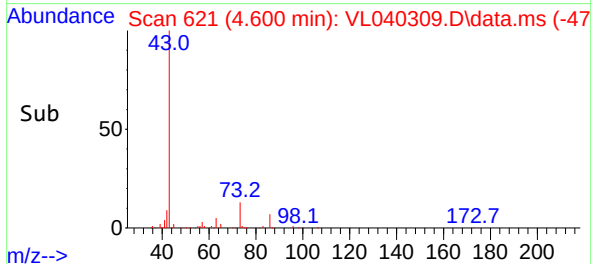
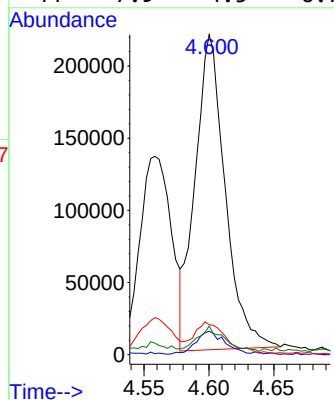
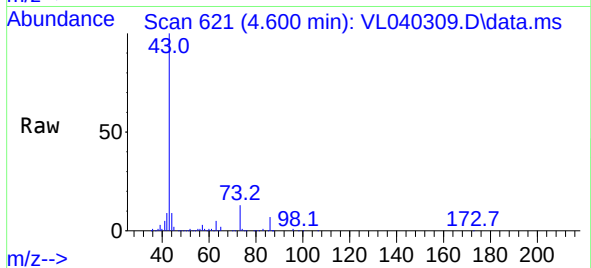




#23
 Vinyl Acetate
 Concen: 9.903 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

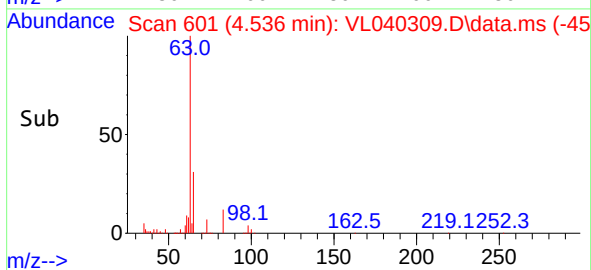
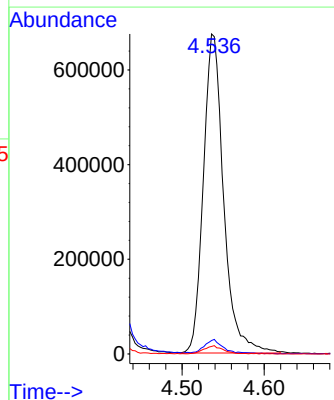
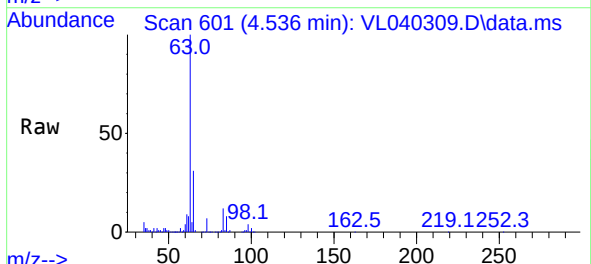
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

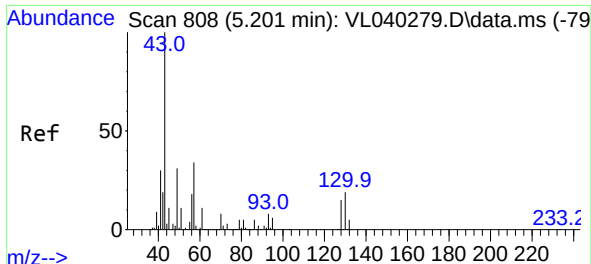
Tgt Ion: 43 Resp: 352011
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.0 7.4#
 42 9.0 9.1 13.7#
 44 7.9 4.5 6.7#



#24
 1,1-Dichloroethane
 Concen: 9.128 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.022 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Tgt Ion: 63 Resp: 1157395
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.4 7.2
 100 2.3 1.2 3.6



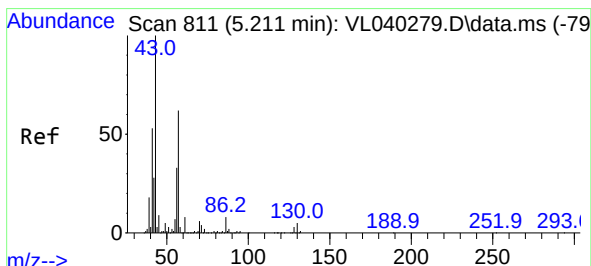
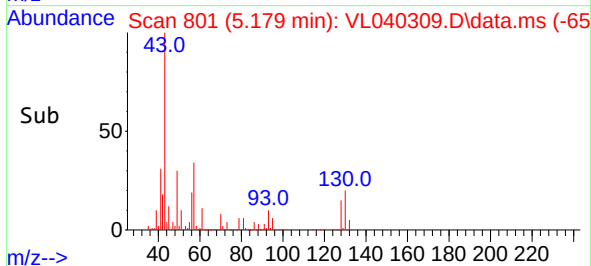
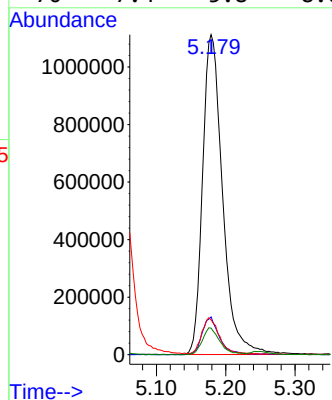
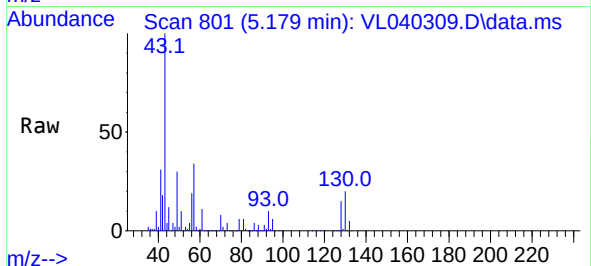


#25
Ethyl Acetate
Concen: 9.294 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2223172

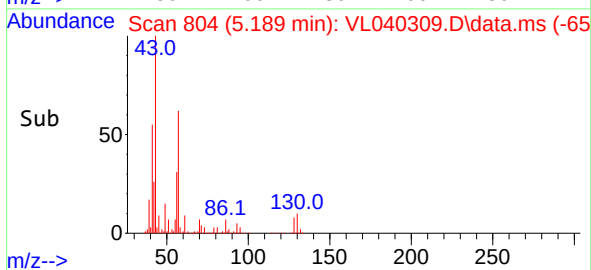
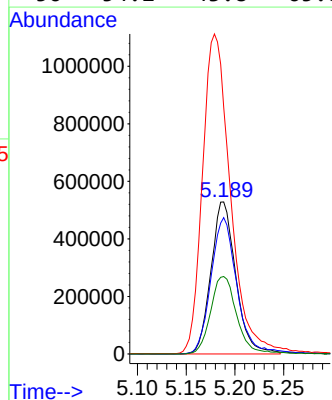
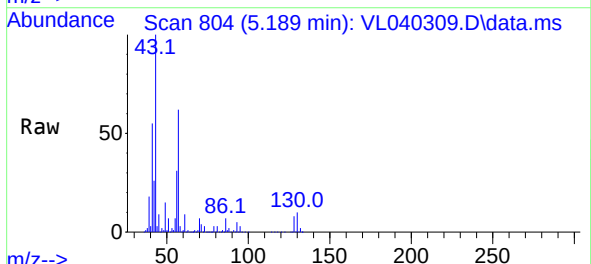
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.6	12.8
61	10.2	8.4	12.6
70	7.4	5.8	8.6

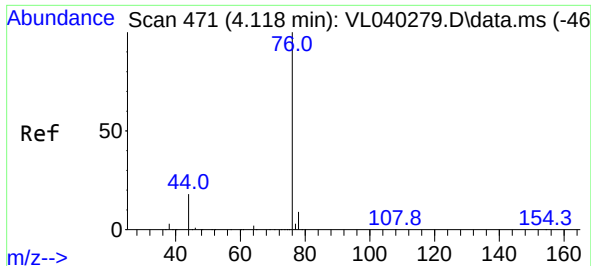


#26
Hexane
Concen: 9.513 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 57 Resp: 934136

Ion	Ratio	Lower	Upper
57	100		
41	94.3	73.5	110.3
43	239.9	196.3	294.5
56	54.2	43.8	65.8



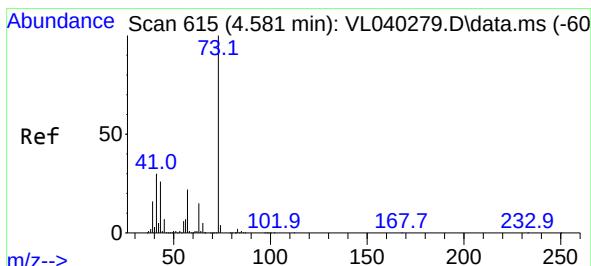
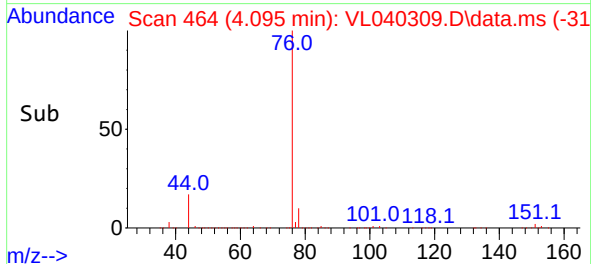
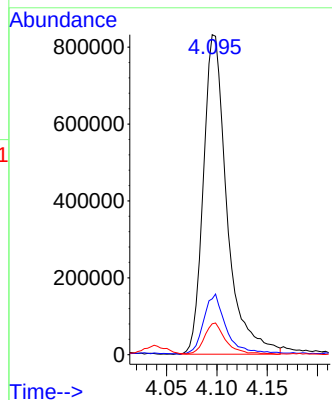
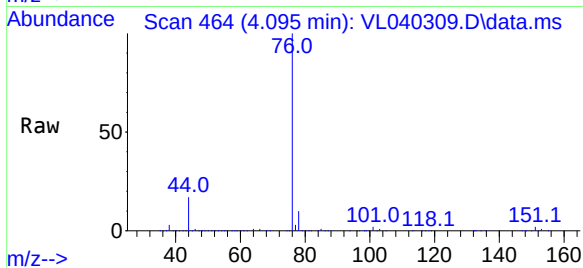


#27
Carbon Disulfide
Concen: 9.900 ppbv
RT: 4.095 min Scan# 40
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1357731

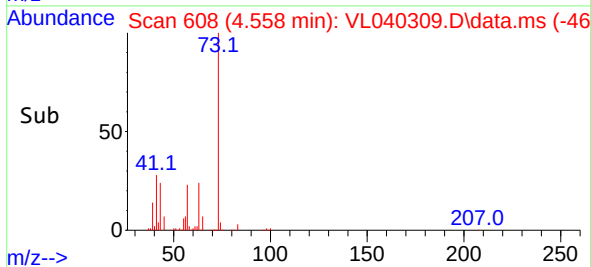
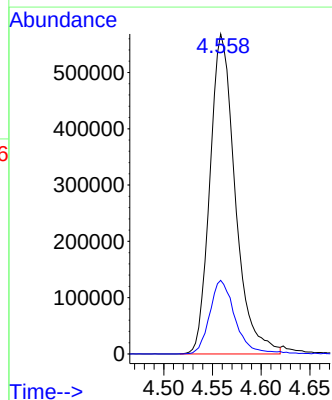
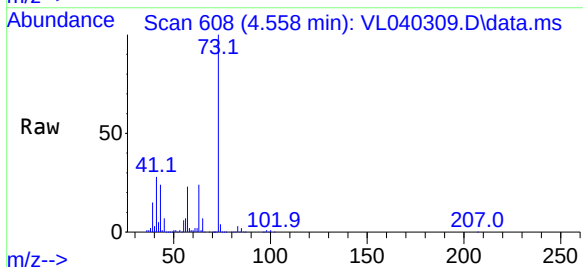
Ion	Ratio	Lower	Upper
76	100		
44	17.7	15.2	22.8
78	9.4	7.6	11.4

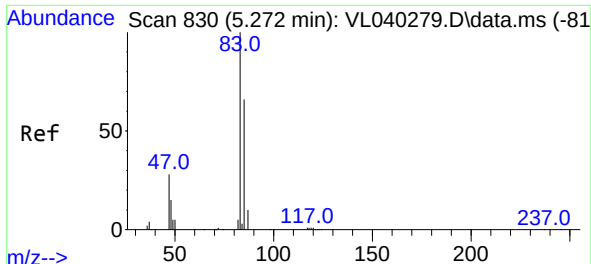


#28
Methyl tert-Butyl Ether
Concen: 9.104 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 73 Resp: 1026457

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.4	27.6





#29

Chloroform

Concen: 9.462 ppbv

RT: 5.250 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

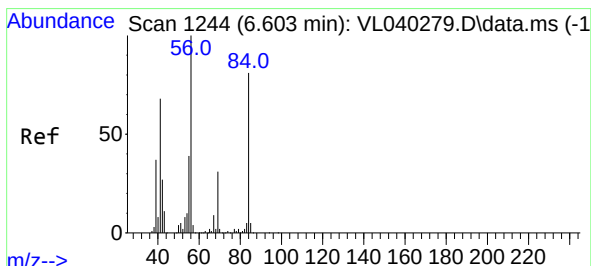
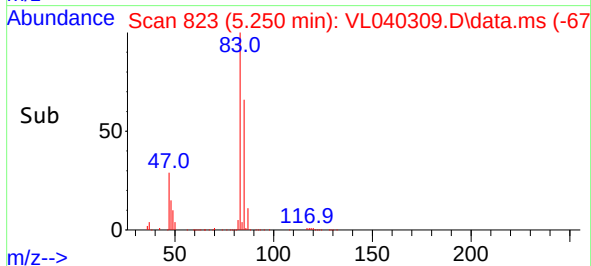
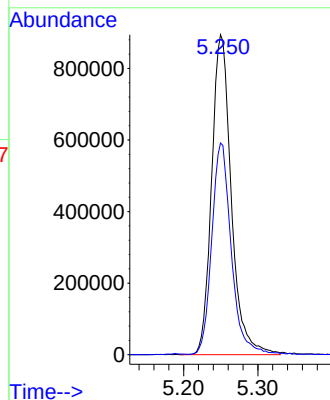
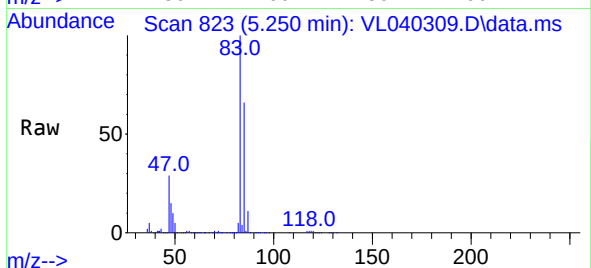
VSTDCCC010

Tgt Ion: 83 Resp: 1640656

Ion Ratio Lower Upper

83 100

85 65.9 52.8 79.2



#30

Cyclohexane

Concen: 10.186 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. -0.025 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

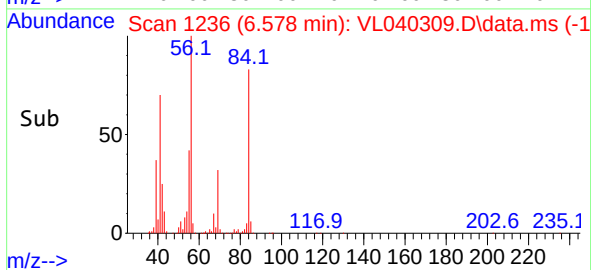
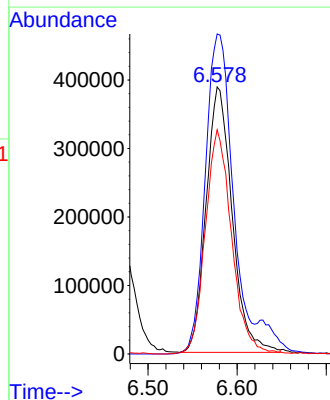
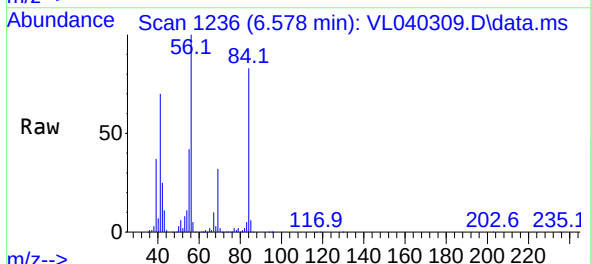
Tgt Ion: 84 Resp: 788179

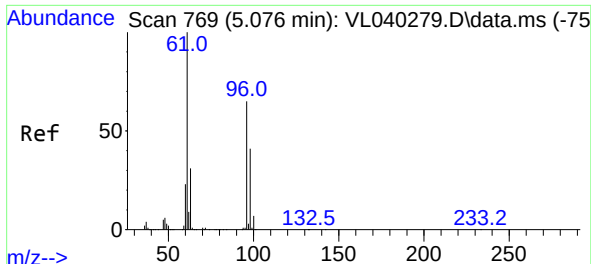
Ion Ratio Lower Upper

84 100

56 135.3 109.0 163.4

41 85.3 67.9 101.9

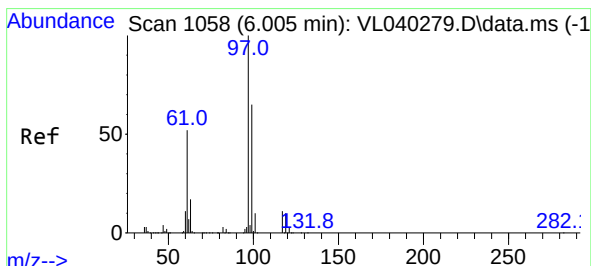
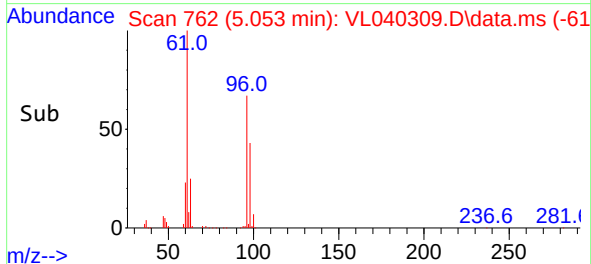
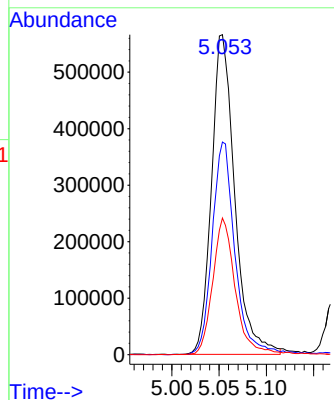
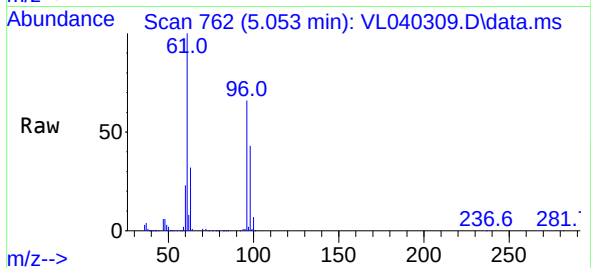




#31
 cis-1,2-Dichloroethene
 Concen: 10.118 ppbv
 RT: 5.053 min Scan# 70
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

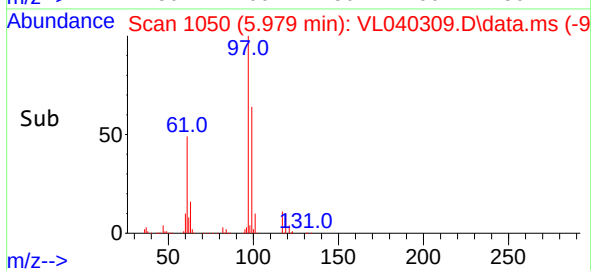
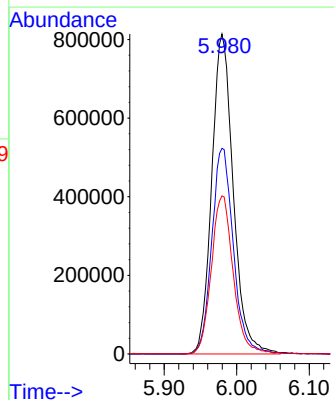
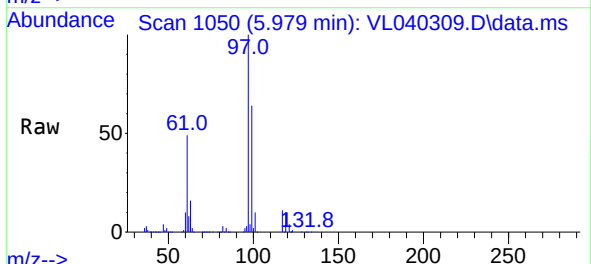
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

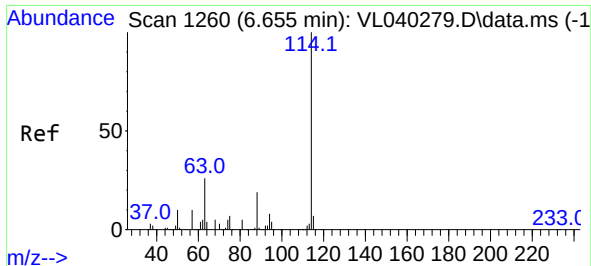
Tgt Ion: 61 Resp: 967578
 Ion Ratio Lower Upper
 61 100
 96 66.5 51.8 77.8
 98 42.7 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 10.088 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. -0.026 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Tgt Ion: 97 Resp: 1675806
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.2
 61 50.1 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

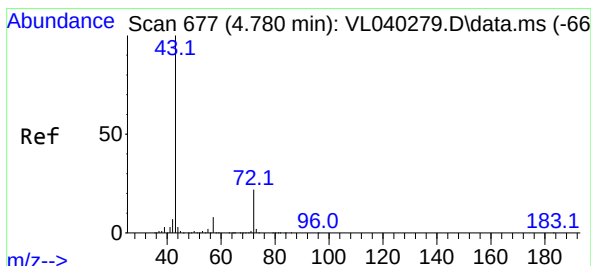
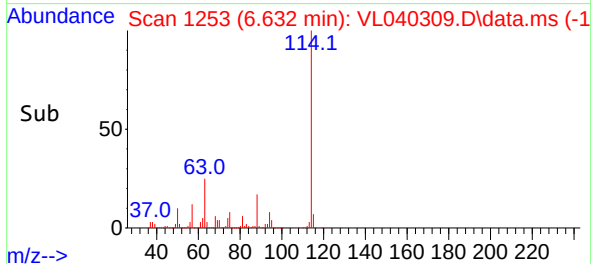
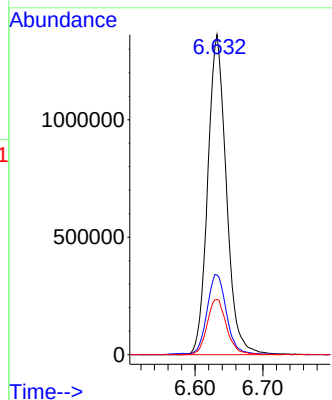
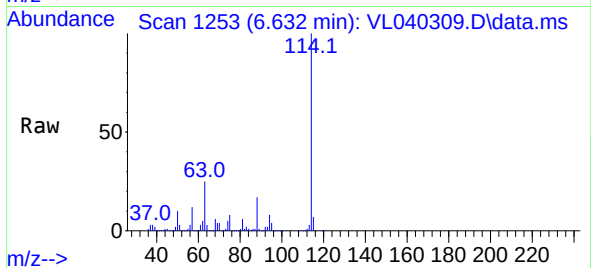
Tgt Ion:114 Resp: 2600377

Ion Ratio Lower Upper

114 100

63 26.7 21.2 31.8

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.457 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.019 min

Lab File: VL040309.D

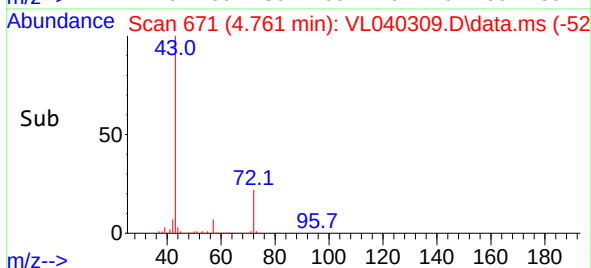
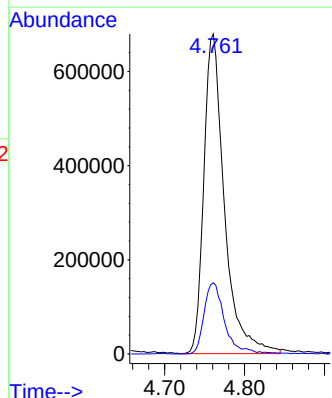
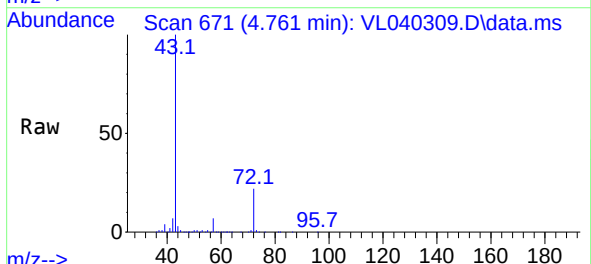
Acq: 5 Apr 2023 9:37

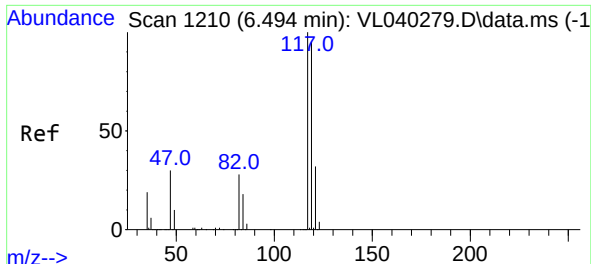
Tgt Ion: 43 Resp: 1213646

Ion Ratio Lower Upper

43 100

72 22.7 18.3 27.5



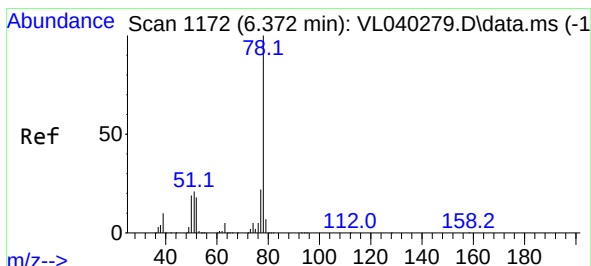
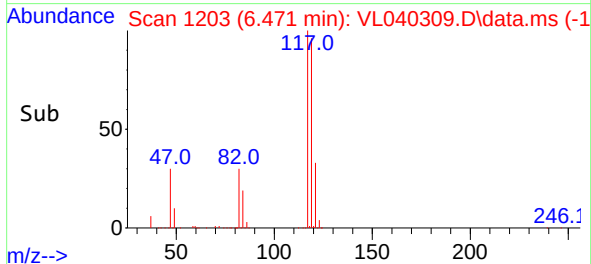
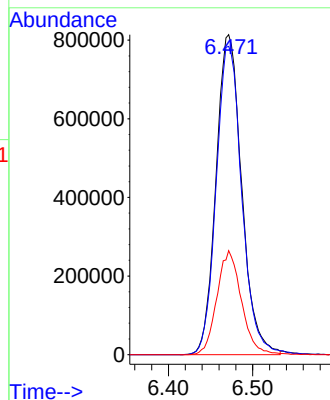
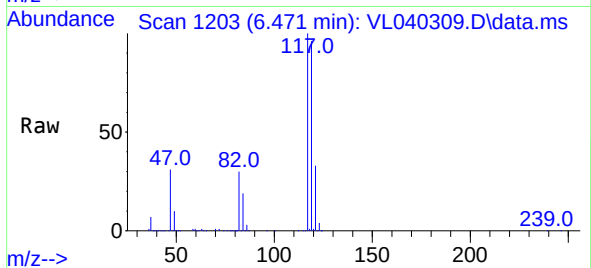


#35
Carbon Tetrachloride
Concen: 10.533 ppbv
RT: 6.471 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1718818

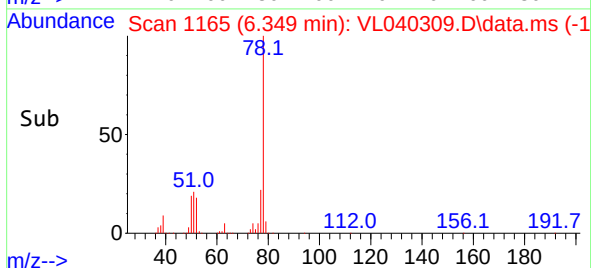
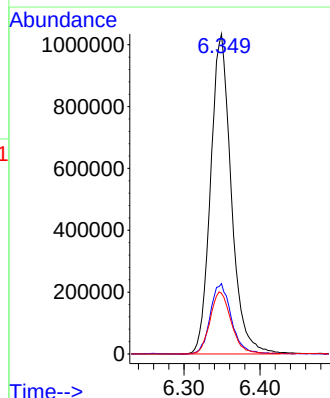
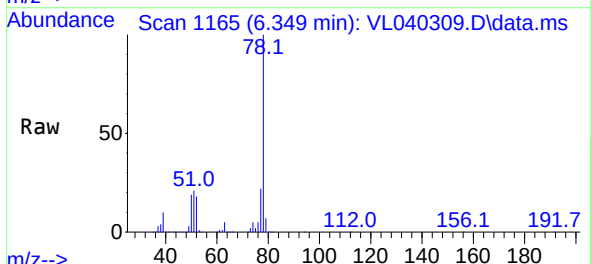
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6
121	32.5	25.6	38.4

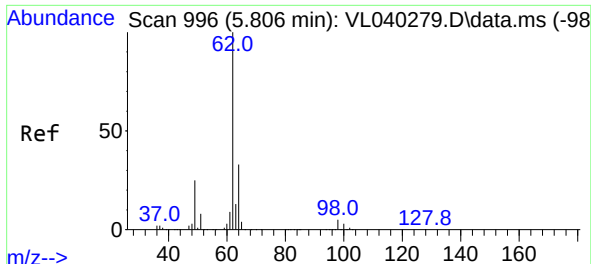


#36
Benzene
Concen: 9.839 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 78 Resp: 1949887

Ion	Ratio	Lower	Upper
78	100		
77	22.0	17.8	26.8
50	19.0	15.4	23.2

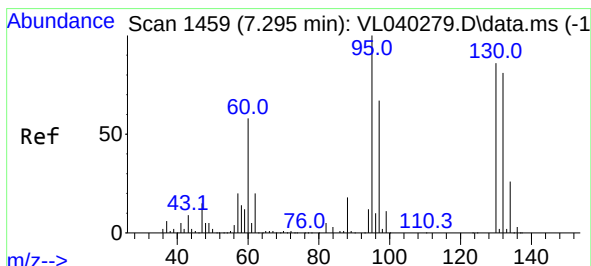
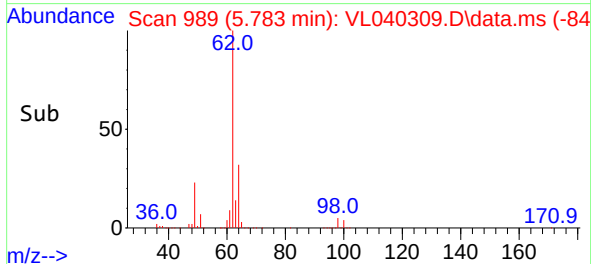
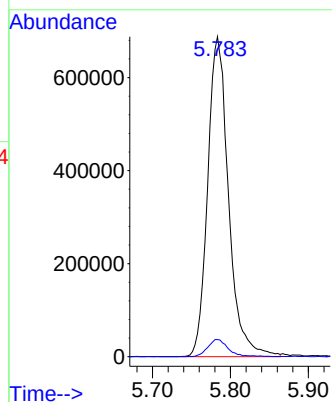
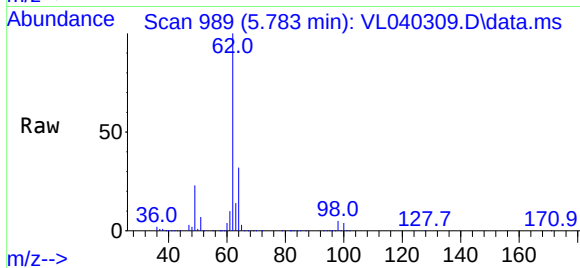




#37
1,2-Dichloroethane
Concen: 9.915 ppbv
RT: 5.783 min Scan# 91
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

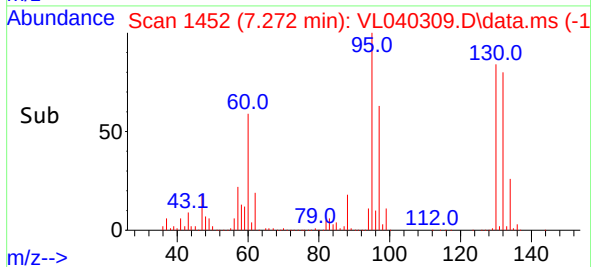
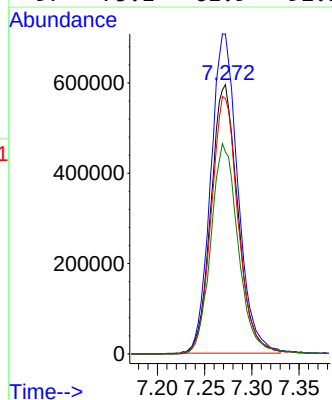
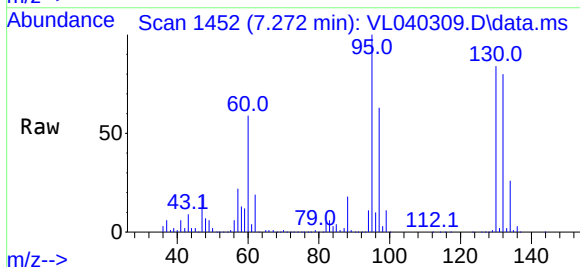
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

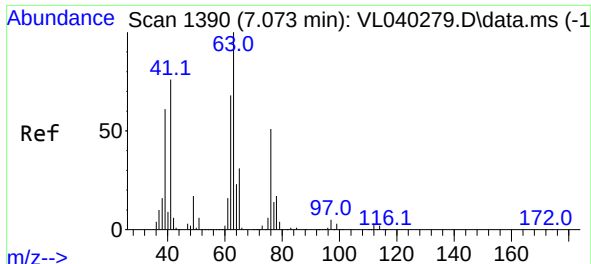
Tgt Ion: 62 Resp: 1278821
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5



#38
Trichloroethene
Concen: 10.849 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:130 Resp: 1174916
Ion Ratio Lower Upper
130 100
95 118.9 93.0 139.4
132 94.9 75.3 112.9
97 75.1 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.711 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.020 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

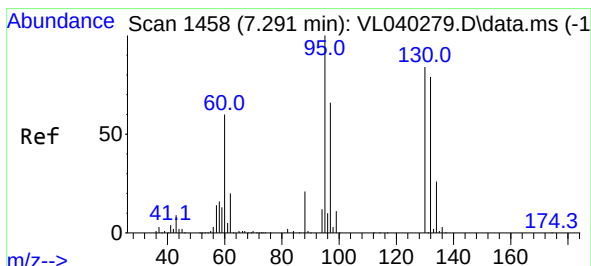
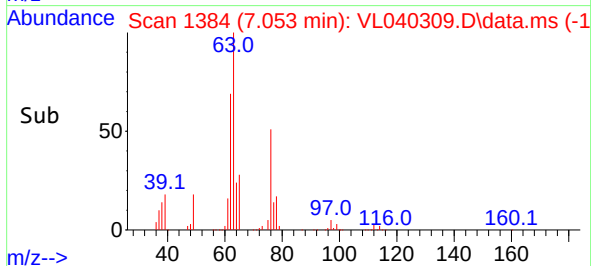
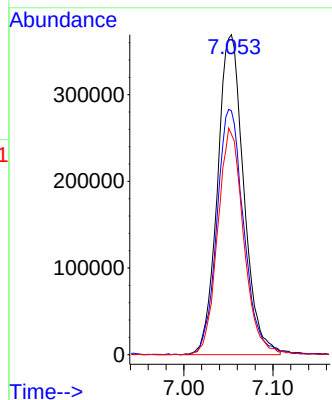
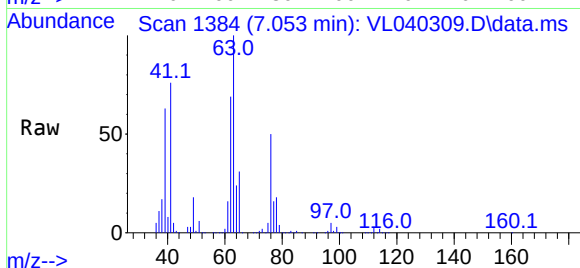
Tgt Ion: 63 Resp: 755024

Ion Ratio Lower Upper

63 100

41 76.2 60.8 91.2

62 68.9 54.1 81.1



#40

1,4-Dioxane

Concen: 9.664 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.025 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Tgt Ion: 88 Resp: 297240

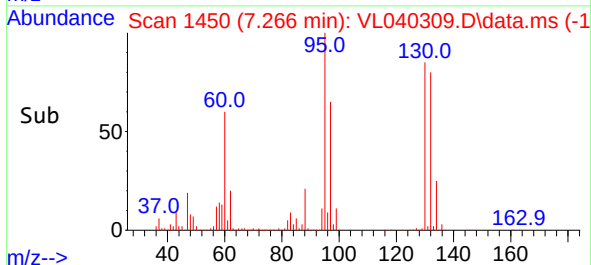
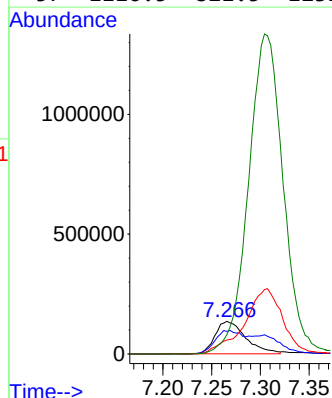
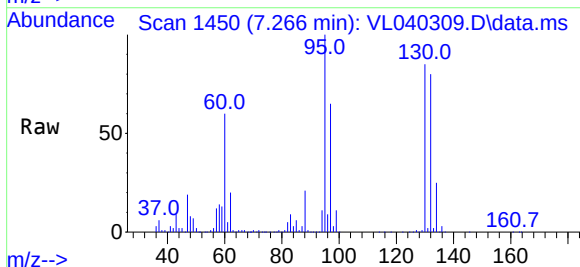
Ion Ratio Lower Upper

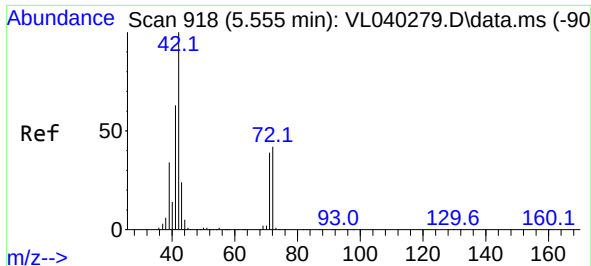
88 100

58 126.2 96.0 144.0

43 252.1 187.6 281.4

57 1116.5 821.5 1232.3

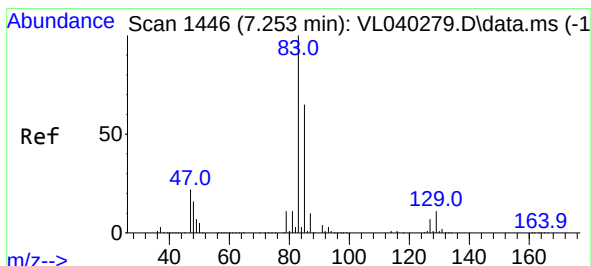
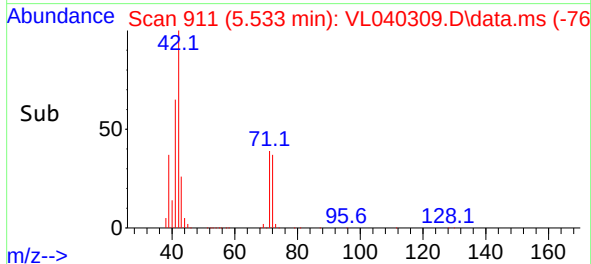
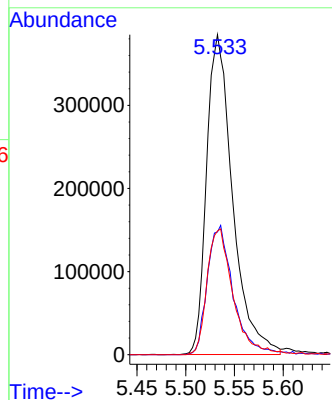
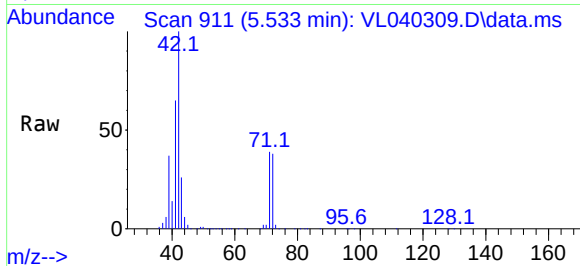




#41
Tetrahydrofuran
Concen: 9.654 ppbv
RT: 5.533 min Scan# 918
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

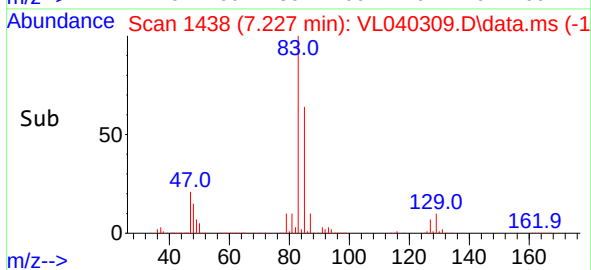
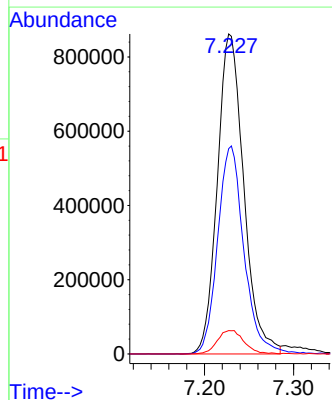
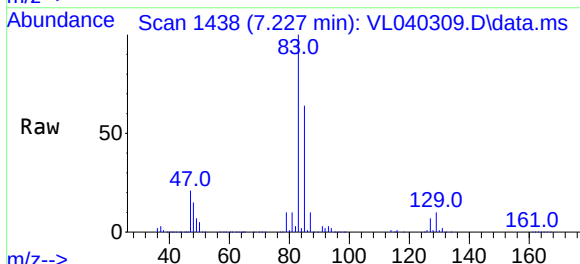
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

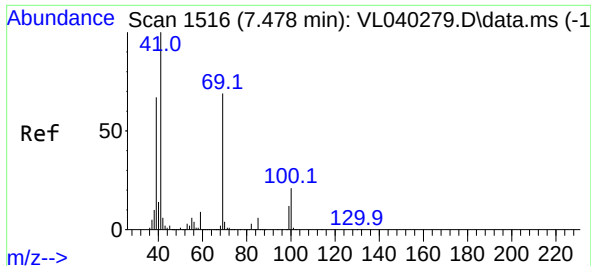
Tgt Ion: 42 Resp: 715027
Ion Ratio Lower Upper
42 100
72 40.7 32.6 49.0
71 39.8 31.0 46.4



#42
Bromodichloromethane
Concen: 10.071 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 83 Resp: 1775072
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 7.3 5.8 8.6

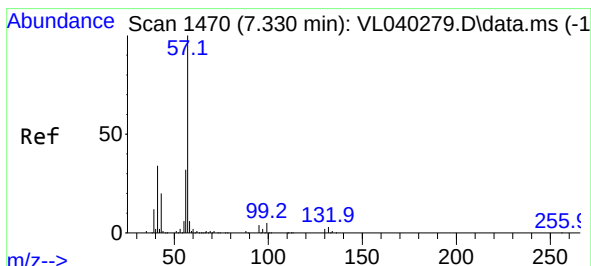
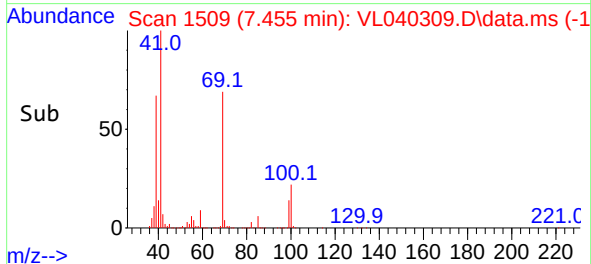
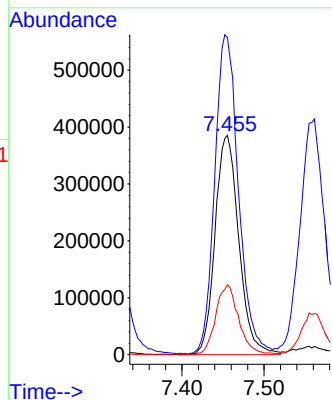
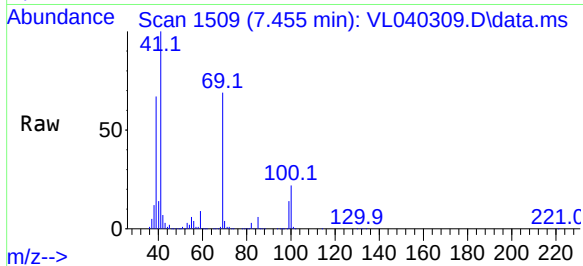




#43
Methyl Methacrylate
Concen: 10.539 ppbv
RT: 7.455 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

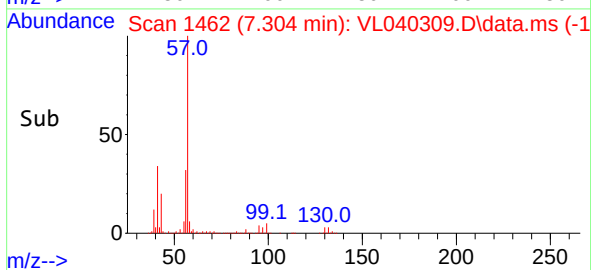
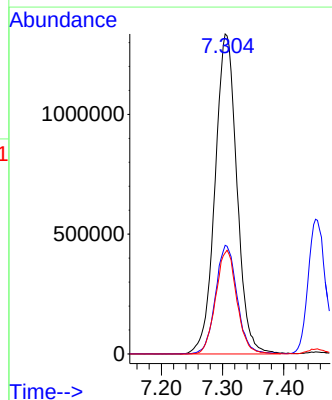
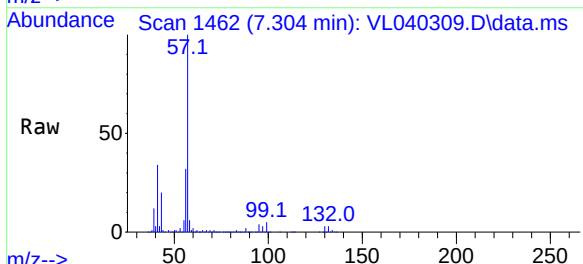
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

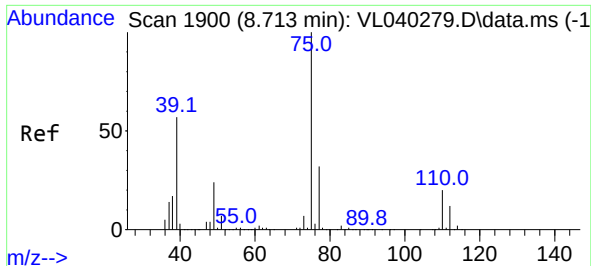
Tgt Ion: 69 Resp: 776145
Ion Ratio Lower Upper
69 100
41 146.2 116.9 175.3
100 30.9 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.034 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 57 Resp: 3315388
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.4 25.0 37.6

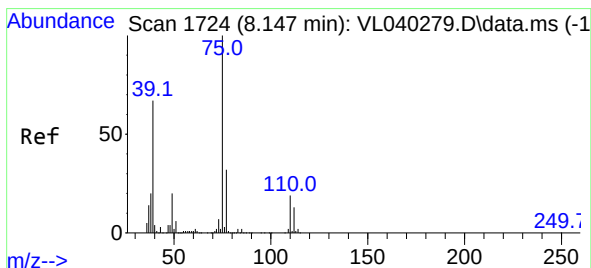
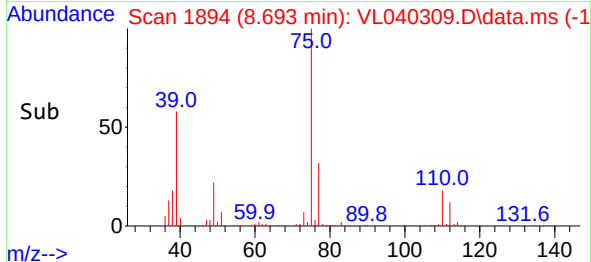
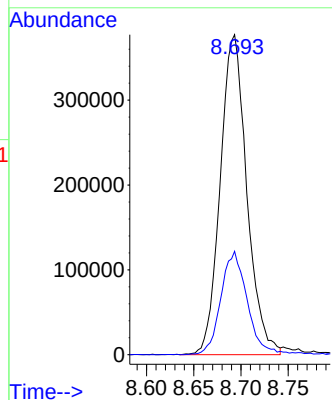
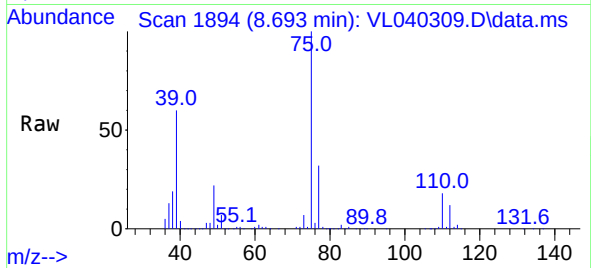




#45
 t-1,3-Dichloropropene
 Concen: 11.498 ppbv
 RT: 8.693 min Scan# 11
 Delta R.T. -0.020 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

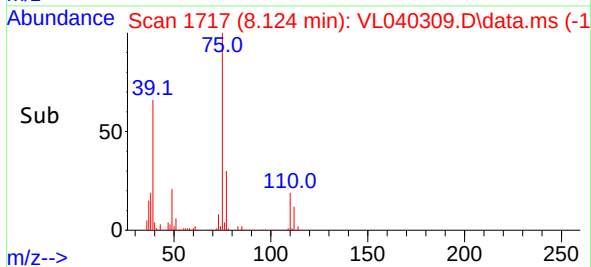
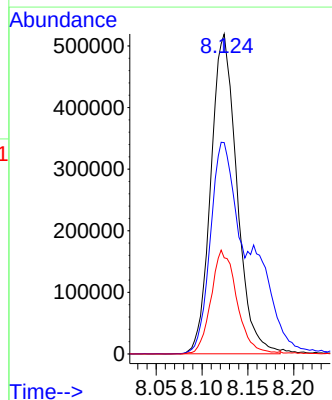
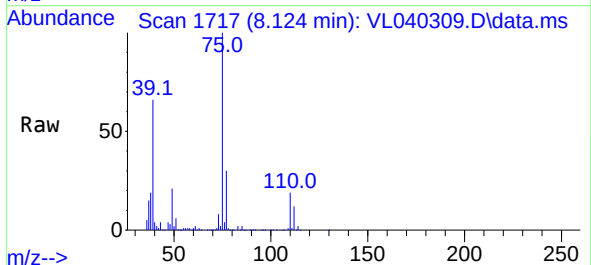
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

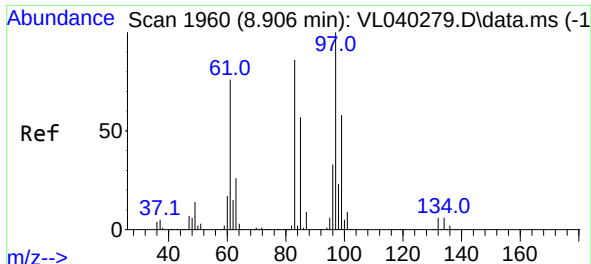
Tgt Ion: 75 Resp: 738174
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.227 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Tgt Ion: 75 Resp: 1023482
 Ion Ratio Lower Upper
 75 100
 39 66.0 53.9 80.9
 77 30.1 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.590 ppbv

RT: 8.880 min Scan# 1960

Delta R.T. -0.026 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 795544

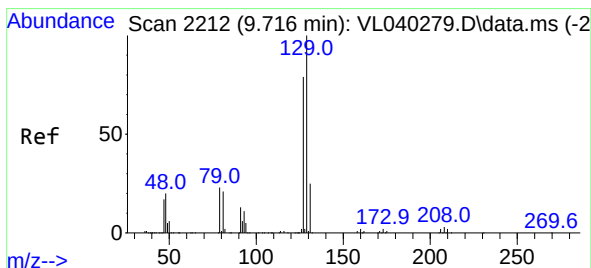
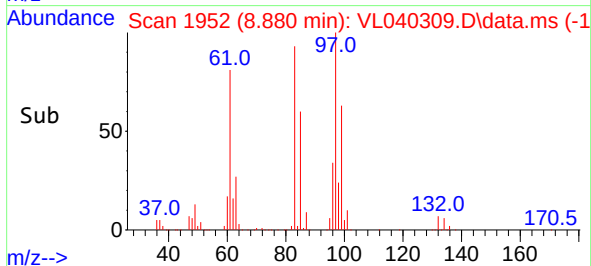
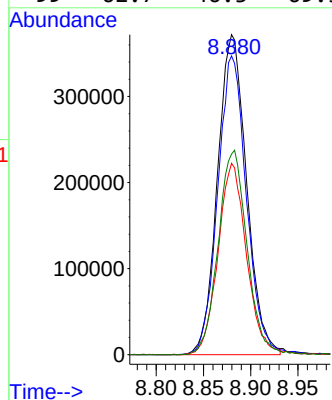
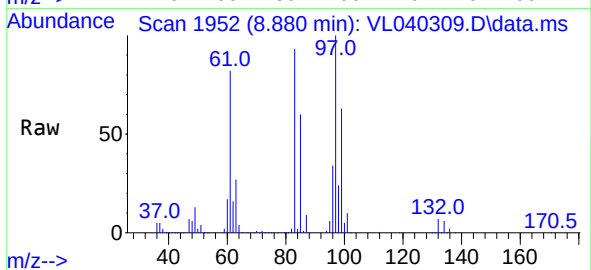
Ion Ratio Lower Upper

97 100

83 93.2 68.6 103.0

85 59.8 46.0 69.0

99 62.7 46.3 69.5



#48

Dibromochloromethane

Concen: 10.095 ppbv

RT: 9.690 min Scan# 2204

Delta R.T. -0.026 min

Lab File: VL040309.D

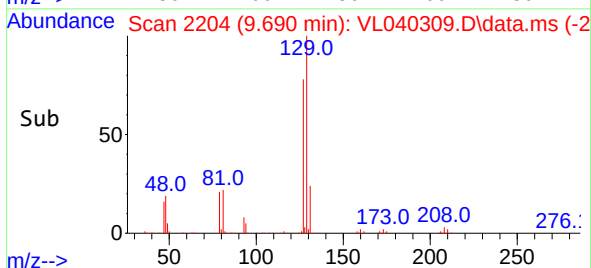
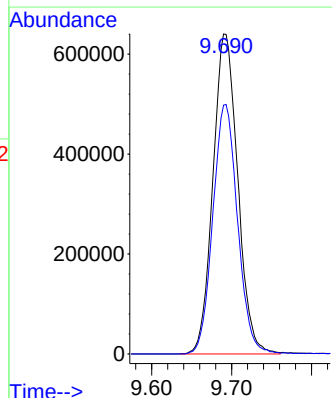
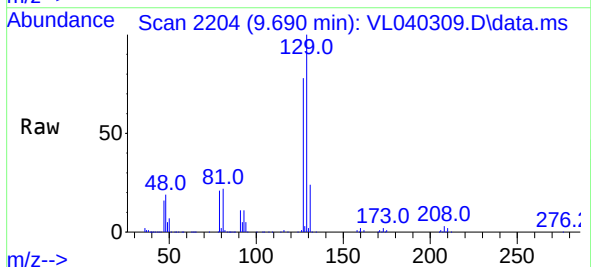
Acq: 5 Apr 2023 9:37

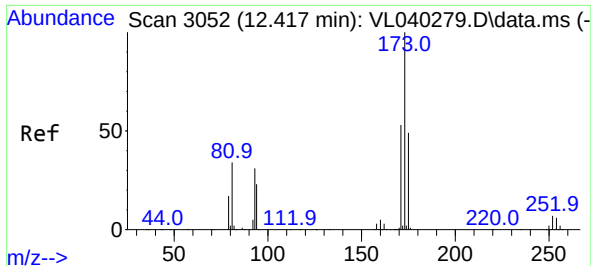
Tgt Ion: 129 Resp: 1378125

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.5

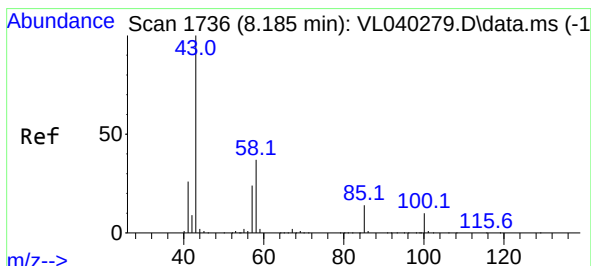
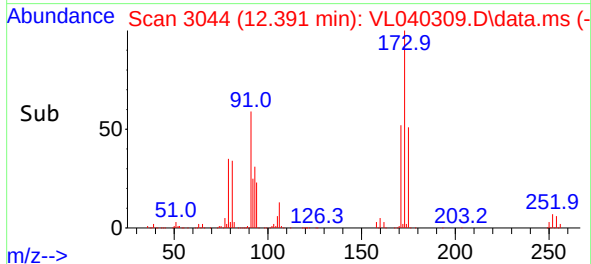
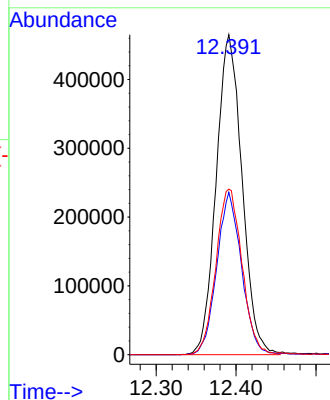
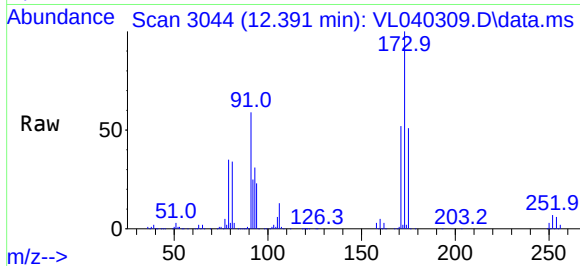




#49
Bromoform
Concen: 10.163 ppbv
RT: 12.391 min Scan# 3052
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

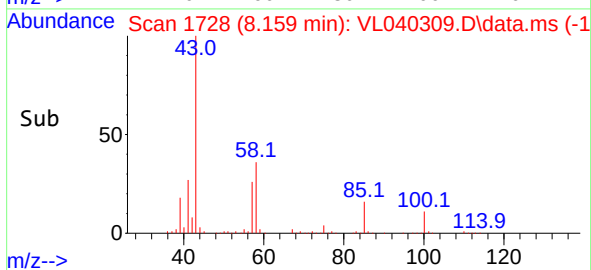
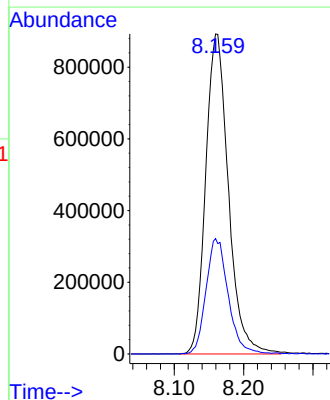
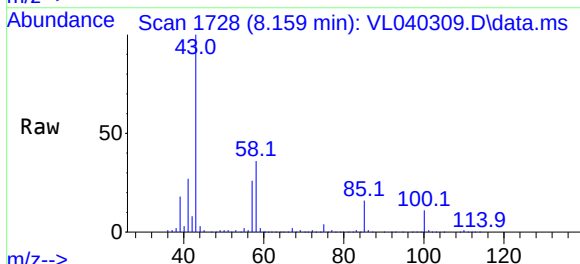
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

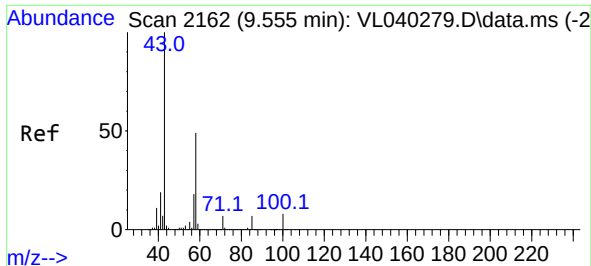
Tgt Ion:173 Resp: 1042066
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.8
171 52.6 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.201 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 43 Resp: 2025841
Ion Ratio Lower Upper
43 100
58 35.3 29.2 43.8



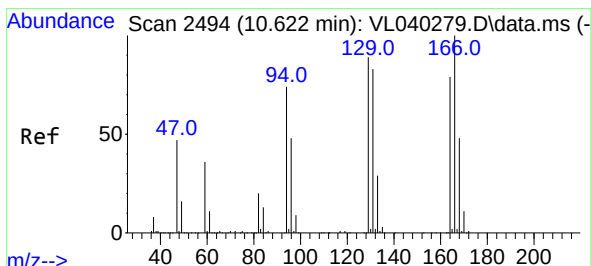
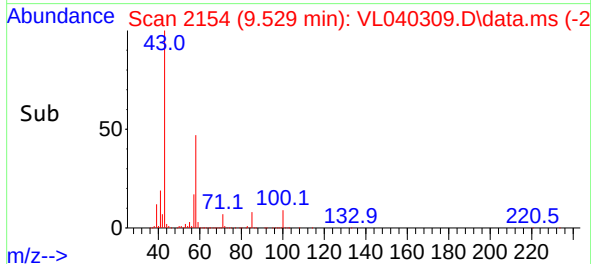
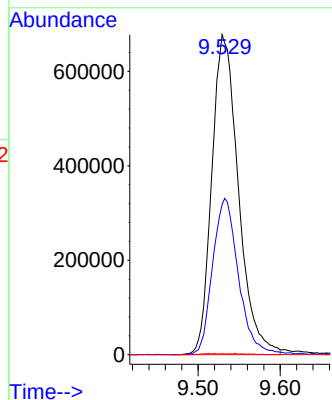
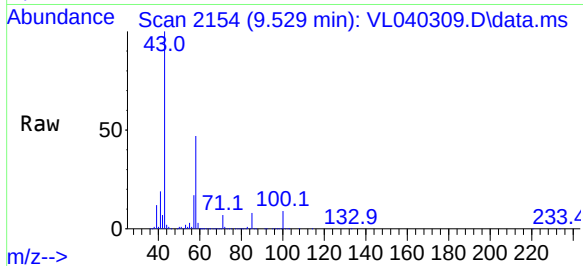


#51
2-Hexanone
Concen: 9.937 ppbv
RT: 9.529 min Scan# 2162
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1528819

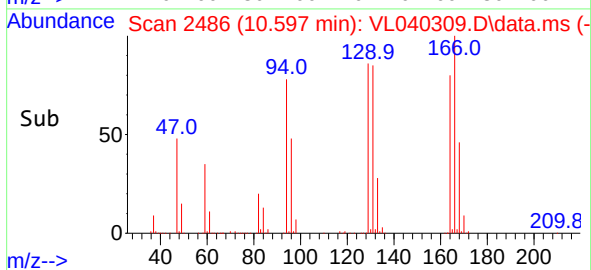
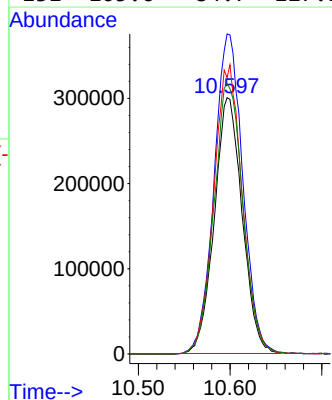
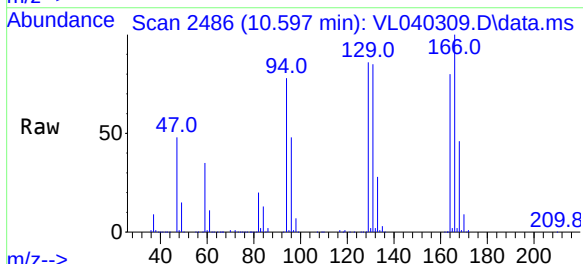
Ion	Ratio	Lower	Upper
43	100		
58	48.1	38.0	57.0
98	0.5	0.5	0.7

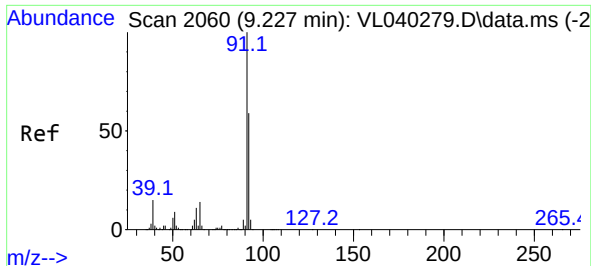


#52
Tetrachloroethene
Concen: 10.583 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:164 Resp: 634525

Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.8	152.6
129	107.9	90.2	135.2
131	105.6	84.7	127.1

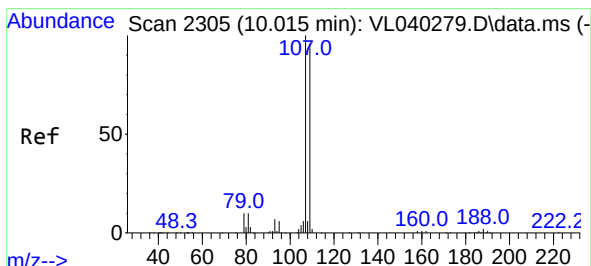
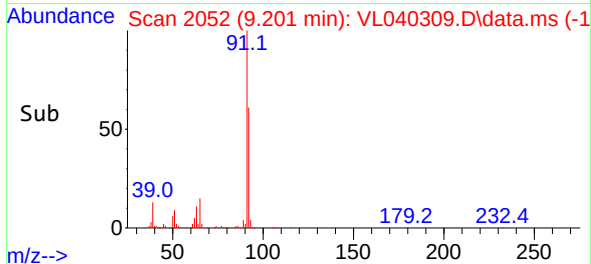
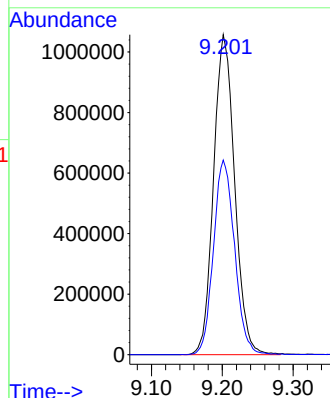
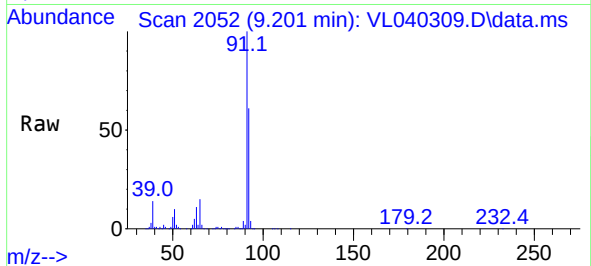




#53
Toluene
Concen: 10.535 ppbv
RT: 9.201 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

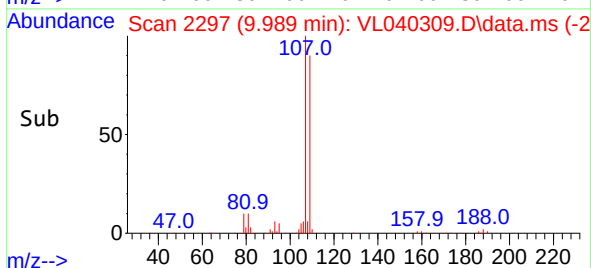
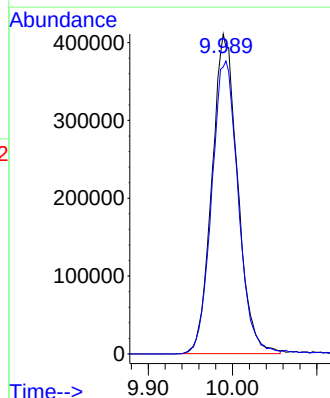
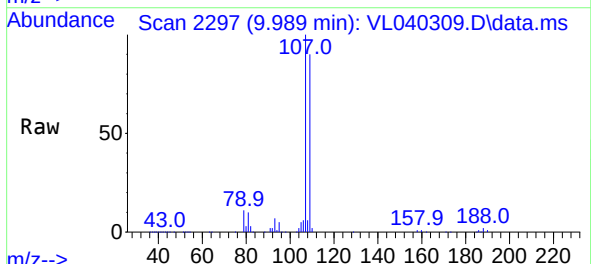
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

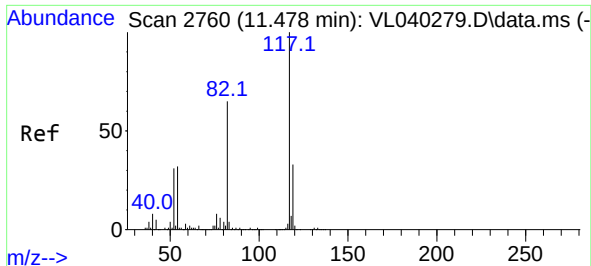
Tgt Ion: 91 Resp: 2187758
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.203 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 107 Resp: 871255
Ion Ratio Lower Upper
107 100
109 89.7 77.0 115.6

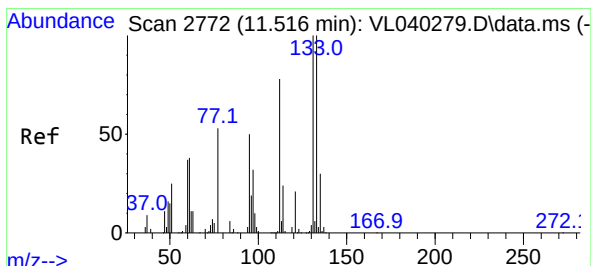
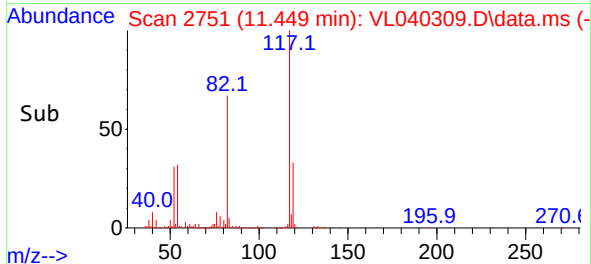
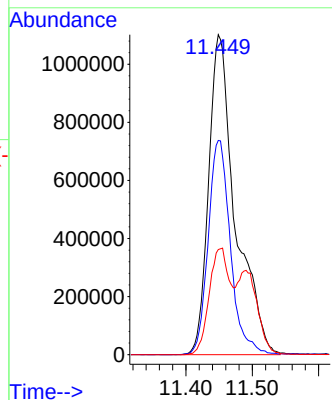
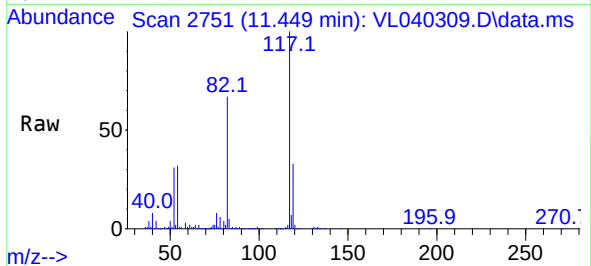




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

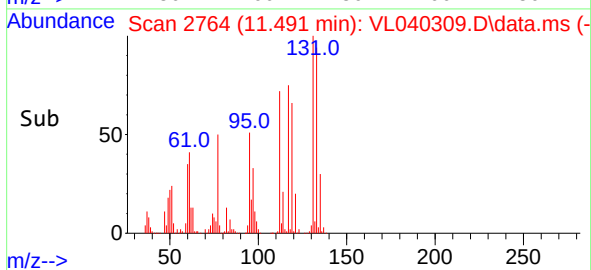
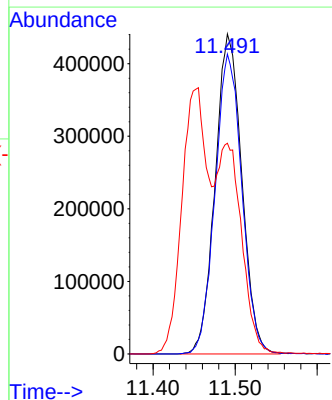
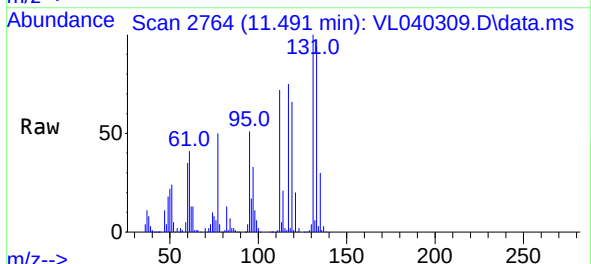
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

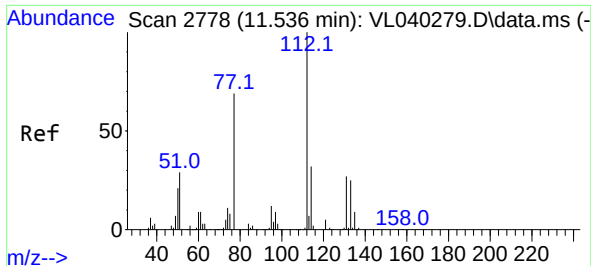
Tgt Ion:117 Resp: 3091202
Ion Ratio Lower Upper
117 100
82 55.8 51.4 77.2
119 25.6 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 7.654 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:131 Resp: 995296
Ion Ratio Lower Upper
131 100
133 94.4 76.5 114.7
119 64.4 47.9 71.9

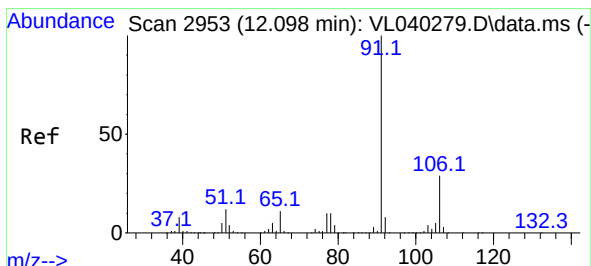
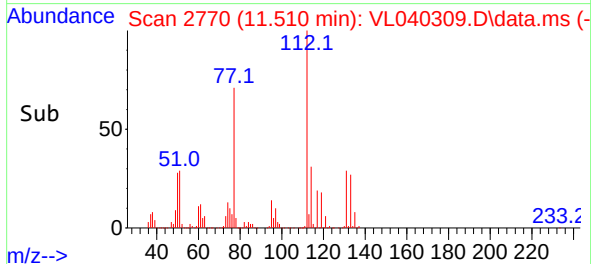
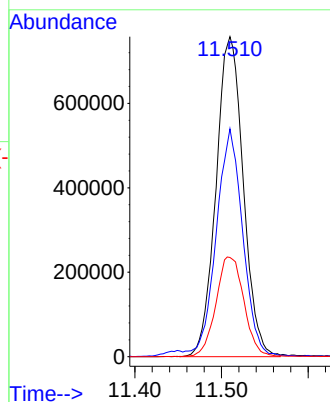
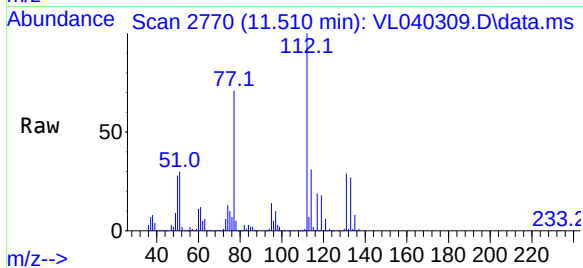




#57
Chlorobenzene
Concen: 7.535 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

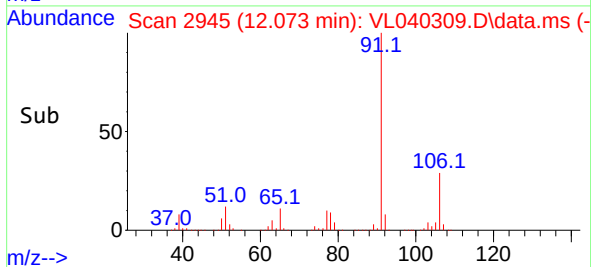
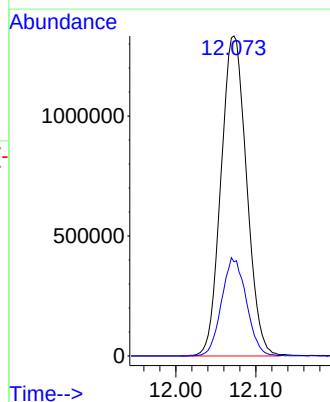
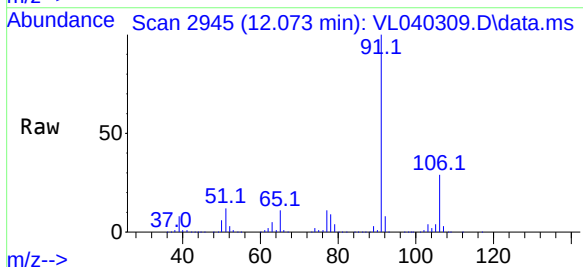
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

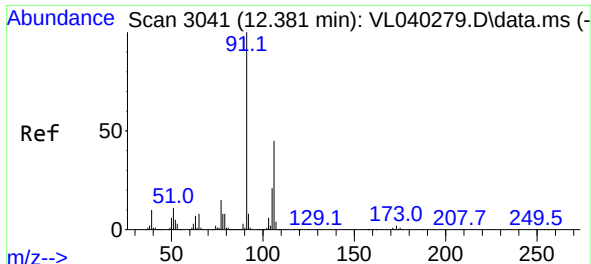
Tgt Ion:112 Resp: 1656774
Ion Ratio Lower Upper
112 100
77 70.7 56.2 84.2
114 30.9 29.0 35.4



#58
Ethyl Benzene
Concen: 8.410 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 91 Resp: 2959995
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2





#59

m/p-Xylene

Concen: 8.449 ppbv

RT: 12.355 min Scan# 3041

Delta R.T. -0.026 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

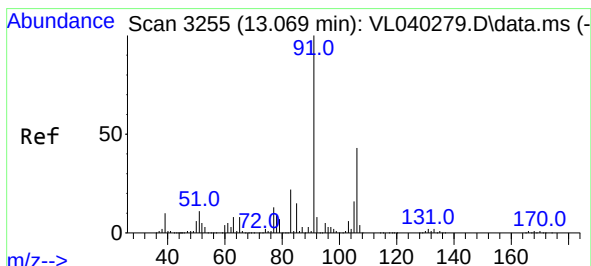
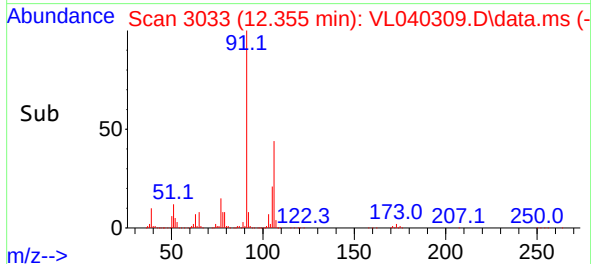
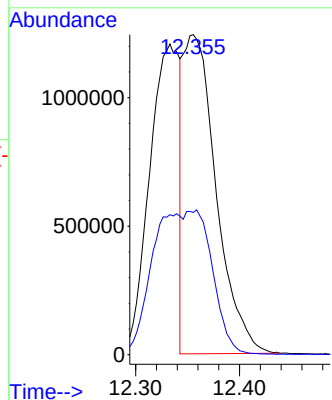
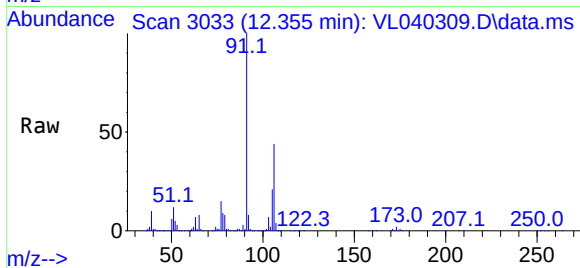
VSTDCCC010

Tgt Ion: 91 Resp: 2724390

Ion Ratio Lower Upper

91 100

106 81.8 34.0 51.0#



#60

o-Xylene

Concen: 8.033 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.029 min

Lab File: VL040309.D

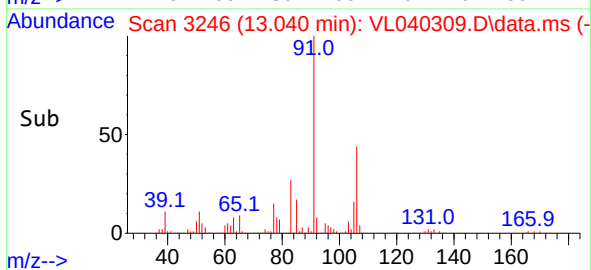
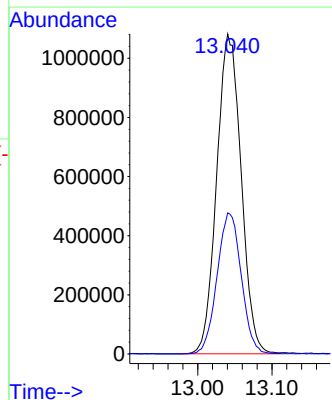
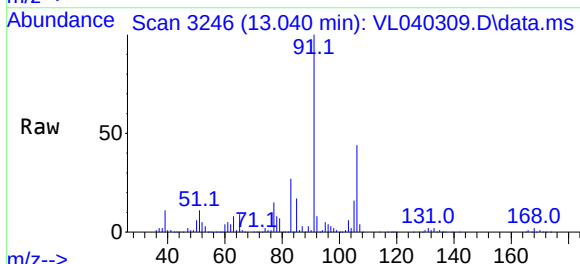
Acq: 5 Apr 2023 9:37

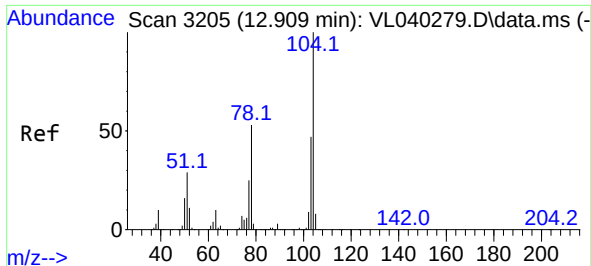
Tgt Ion: 91 Resp: 2476158

Ion Ratio Lower Upper

91 100

106 43.7 21.7 65.1

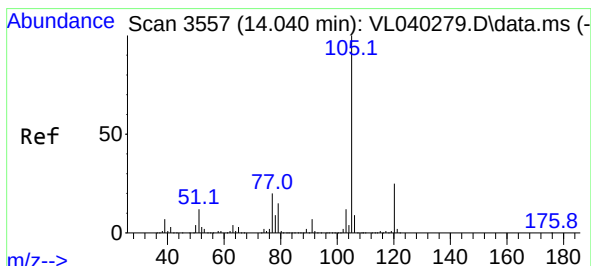
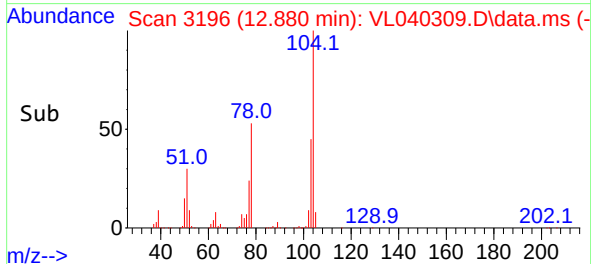
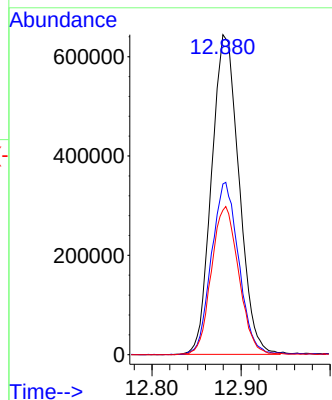
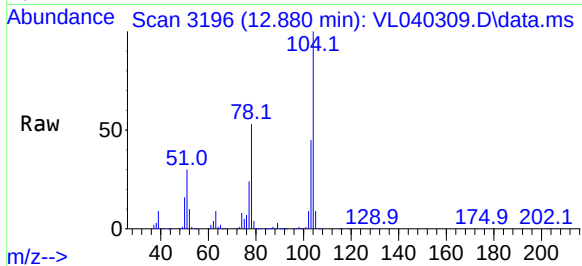




#61
Styrene
Concen: 8.804 ppbv
RT: 12.880 min Scan# 3196
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

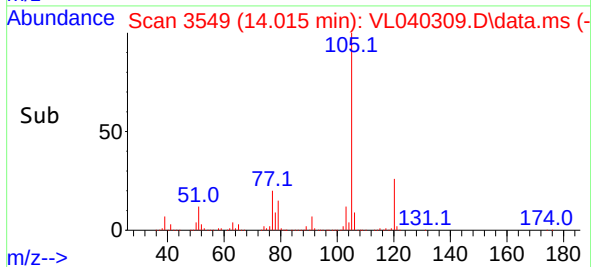
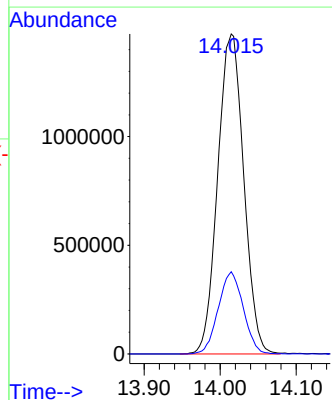
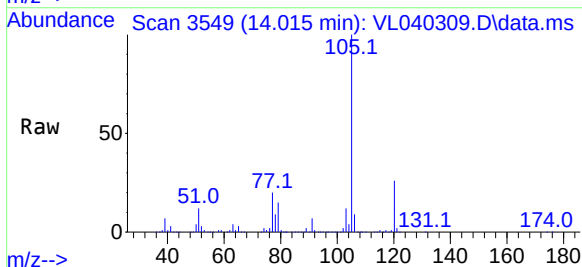
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

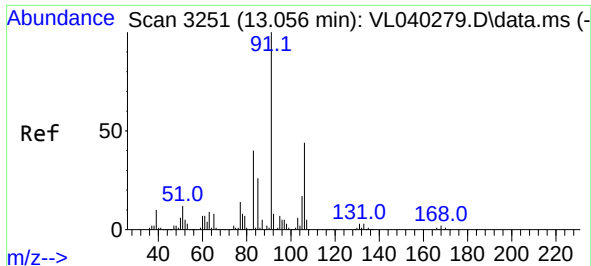
Tgt Ion:104 Resp: 1377056
Ion Ratio Lower Upper
104 100
78 54.0 43.7 65.5
103 46.4 37.4 56.2



#62
Isopropylbenzene
Concen: 7.967 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:105 Resp: 3497207
Ion Ratio Lower Upper
105 100
120 24.7 19.9 29.9

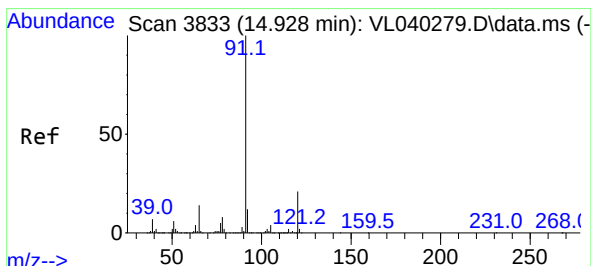
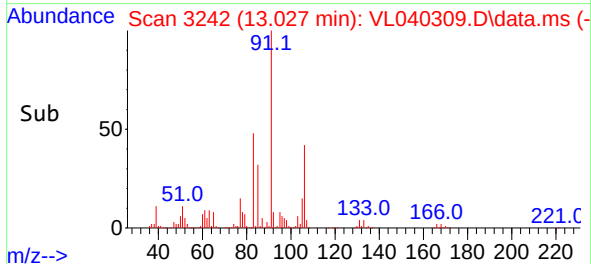
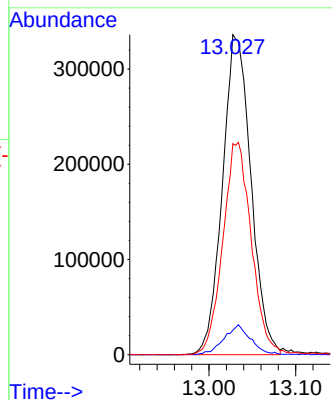
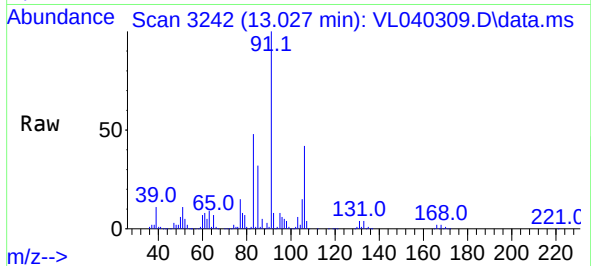




#63
1,1,2,2-Tetrachloroethane
Concen: 7.080 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

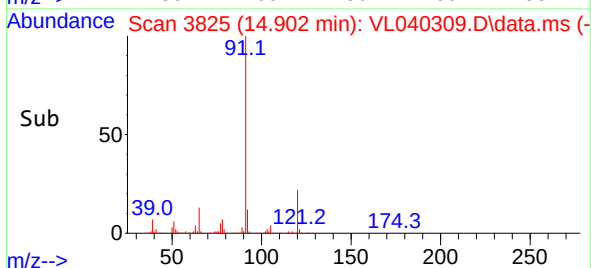
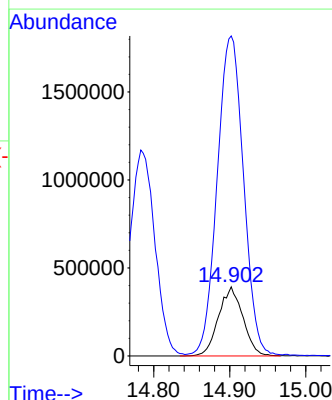
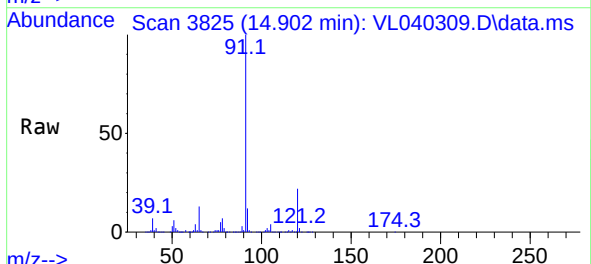
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

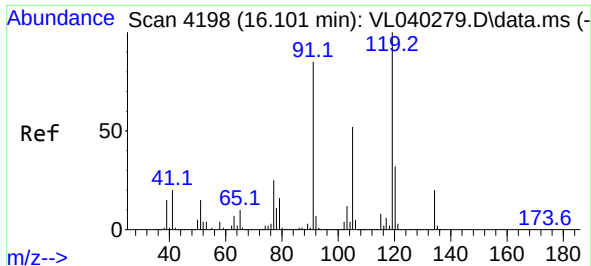
Tgt Ion: 83 Resp: 767925
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 67.1 32.7 98.1



#64
n-propylbenzene
Concen: 8.135 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 120 Resp: 873825
Ion Ratio Lower Upper
120 100
91 501.9 399.0 598.6

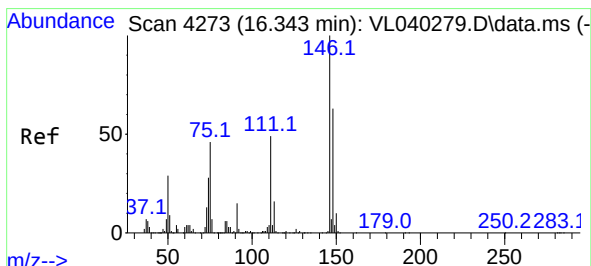
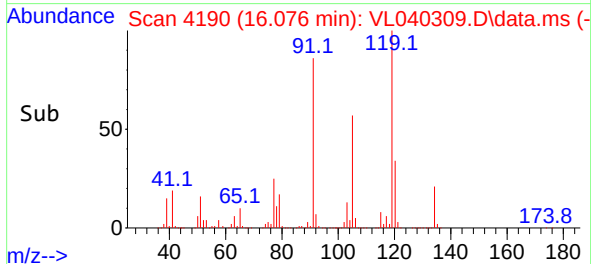
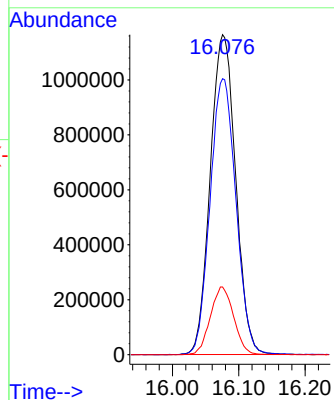
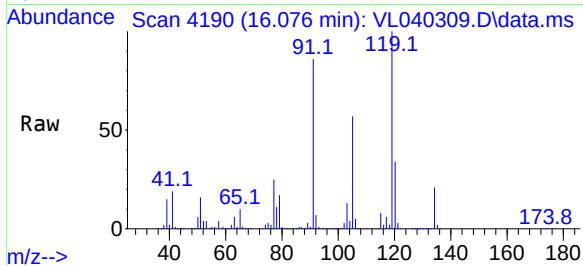




#65
tert-Butylbenzene
Concen: 8.178 ppbv
RT: 16.076 min Scan# 41
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

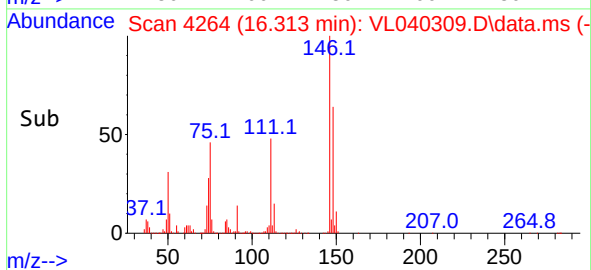
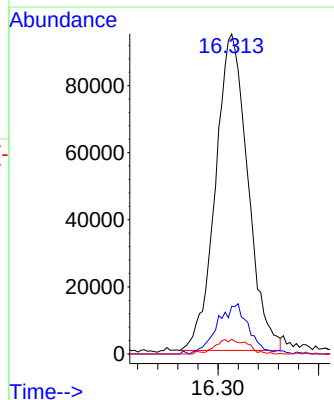
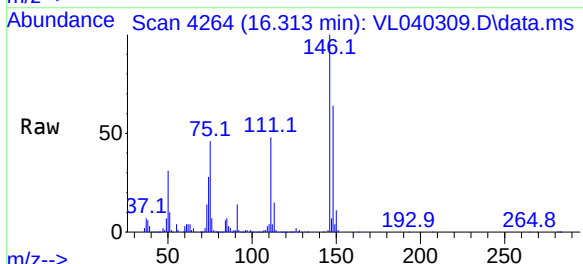
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

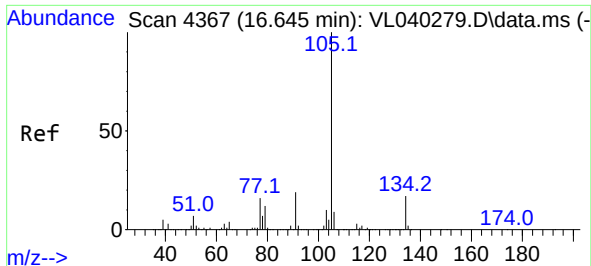
Tgt Ion:119 Resp: 3093468
Ion Ratio Lower Upper
119 100
91 88.1 69.4 104.2
134 19.5 15.8 23.6



#66
Benzyl Chloride
Concen: 8.554 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.030 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 91 Resp: 210277
Ion Ratio Lower Upper
91 100
126 15.9 12.1 18.1
128 4.8 3.8 5.6

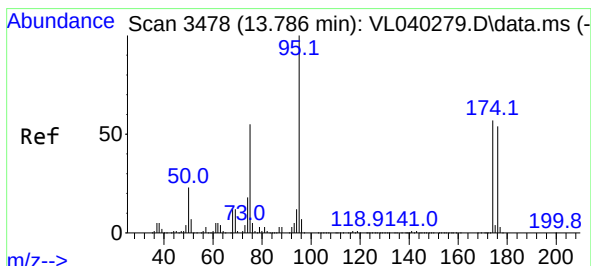
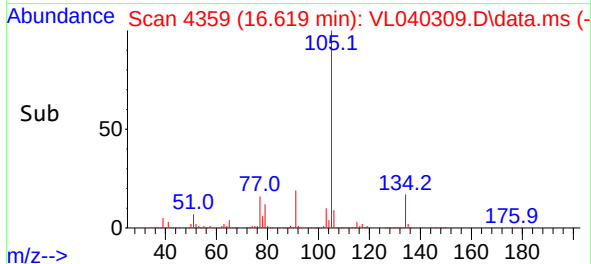
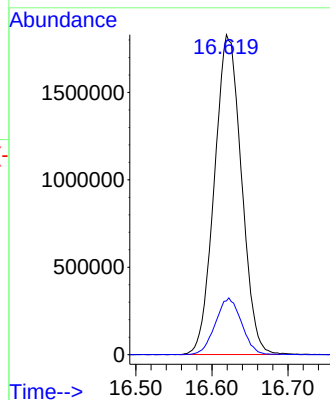
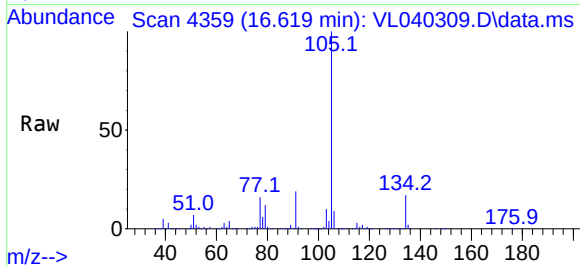




#67
 sec-Butylbenzene
 Concen: 8.345 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

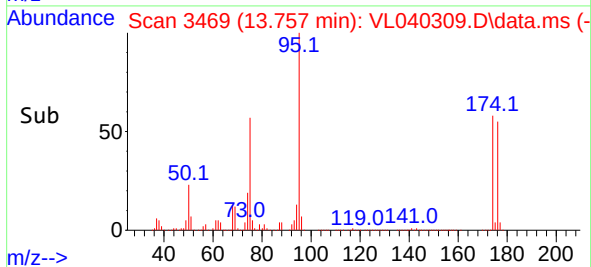
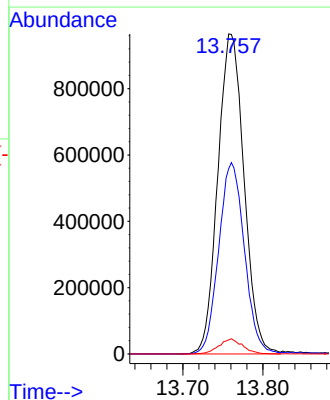
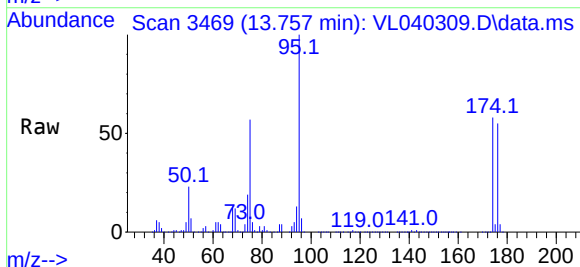
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

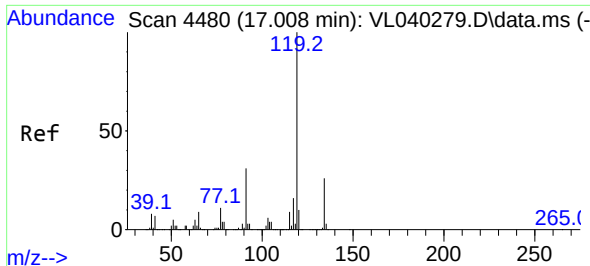
Tgt Ion:105 Resp: 4514501
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.481 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.029 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

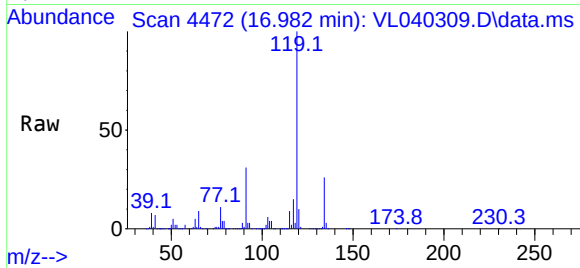
Tgt Ion: 95 Resp: 2195334
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.0 70.6
 175 4.3 3.4 5.2





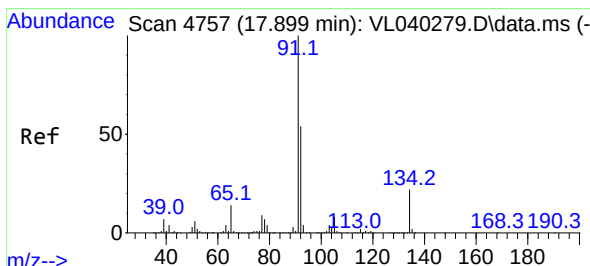
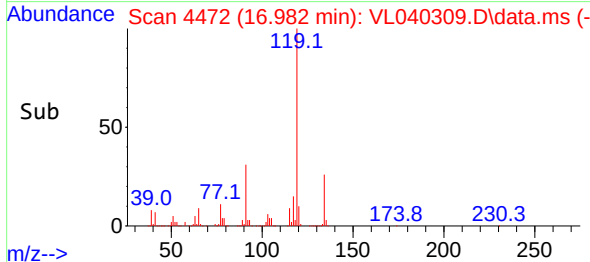
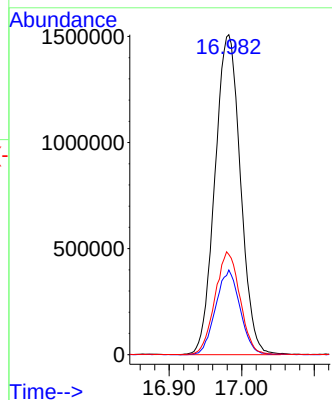
#69
p-Isopropyltoluene
Concen: 8.754 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 3688005

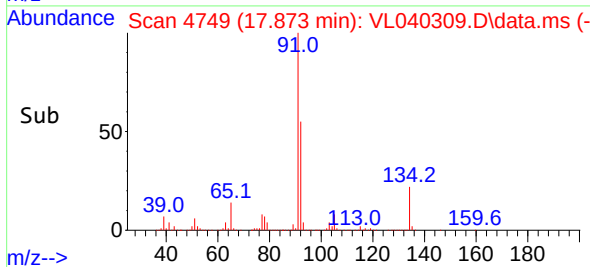
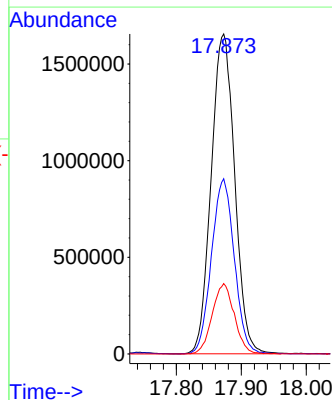
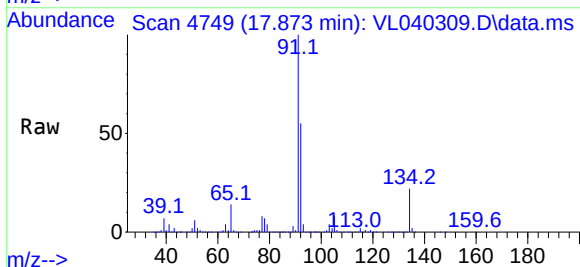
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.2
91	31.4	25.1	37.7

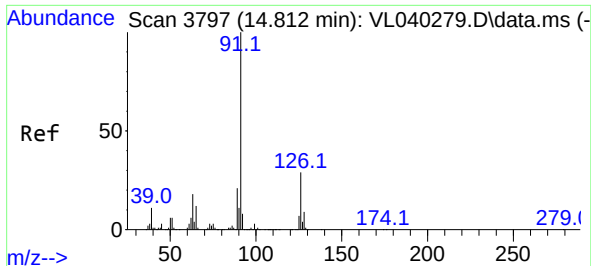


#70
n-Butylbenzene
Concen: 8.953 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 91 Resp: 4155480

Ion	Ratio	Lower	Upper
91	100		
92	53.3	42.9	64.3
134	20.8	16.8	25.2

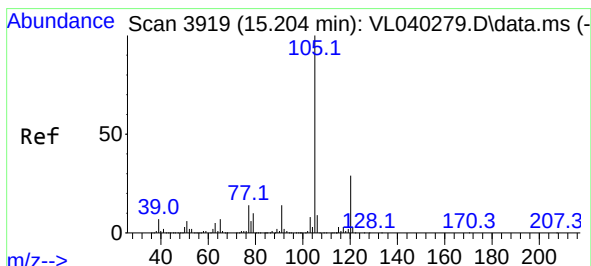
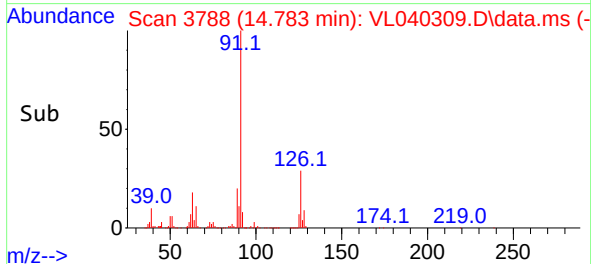
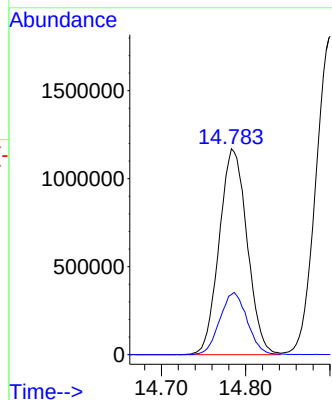
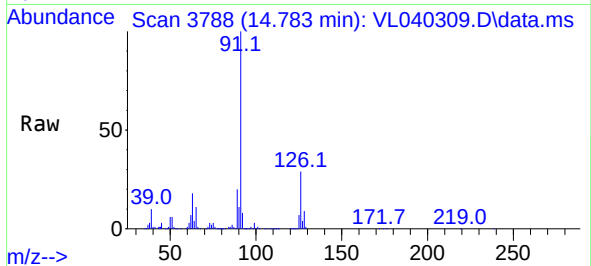




#71
2-Chlorotoluene
Concen: 8.052 ppbv
RT: 14.783 min Scan# 311
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

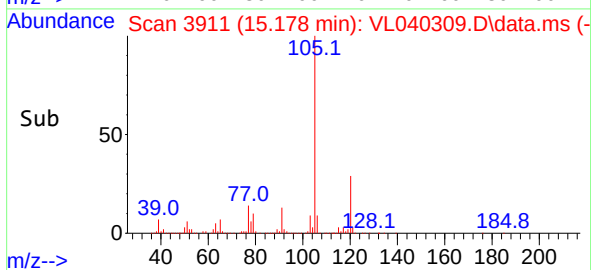
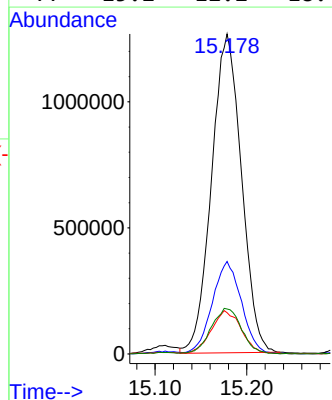
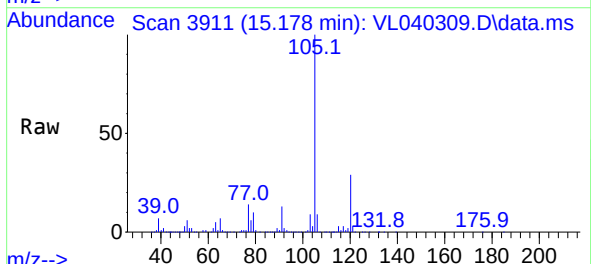
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

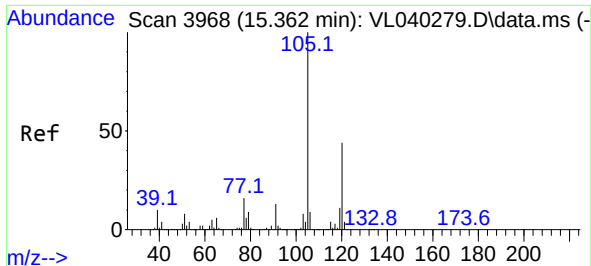
Tgt Ion: 91 Resp: 2690163
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.499 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 105 Resp: 2864135
Ion Ratio Lower Upper
105 100
120 28.5 23.7 35.5
91 13.5 11.6 17.4
77 15.2 12.2 18.4

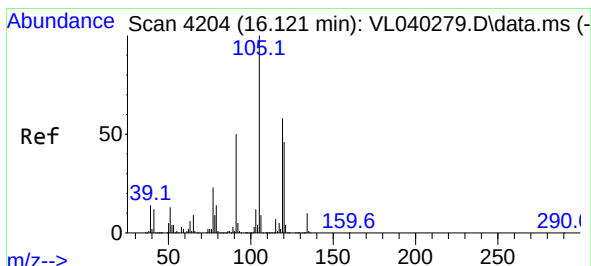
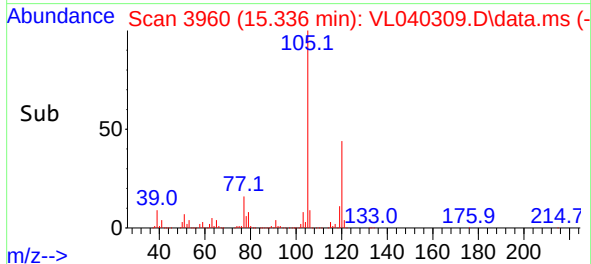
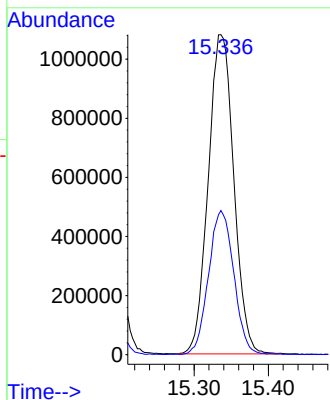
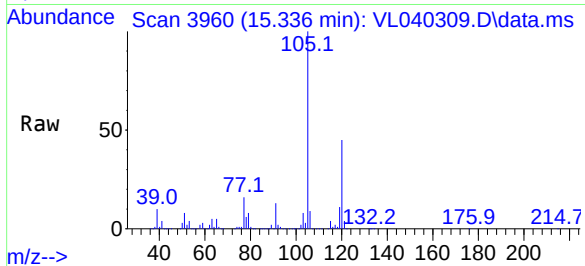




#73
 1,3,5-Trimethylbenzene
 Concen: 8.469 ppbv
 RT: 15.336 min Scan# 3968
 Delta R.T. -0.026 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

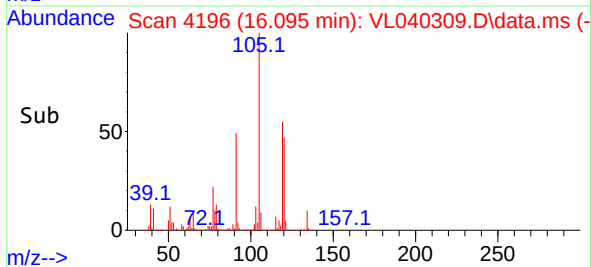
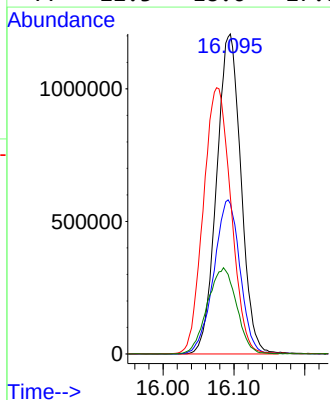
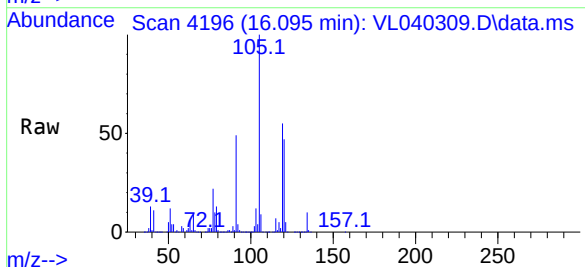
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

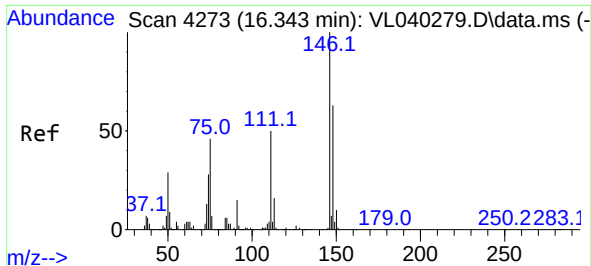
Tgt Ion:105 Resp: 2585319
 Ion Ratio Lower Upper
 105 100
 120 45.0 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 8.279 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.026 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Tgt Ion:105 Resp: 2882253
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.6 54.8
 91 48.9 39.9 59.9
 77 22.3 18.6 27.8

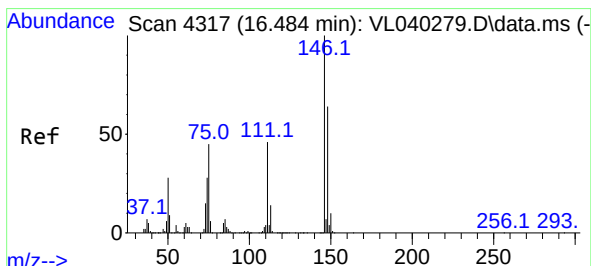
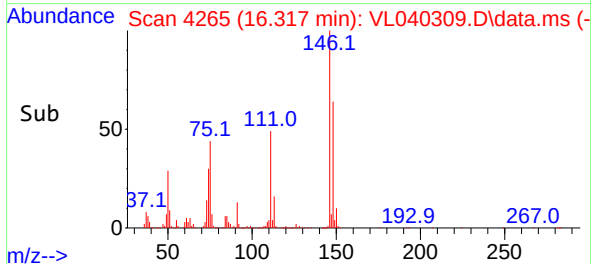
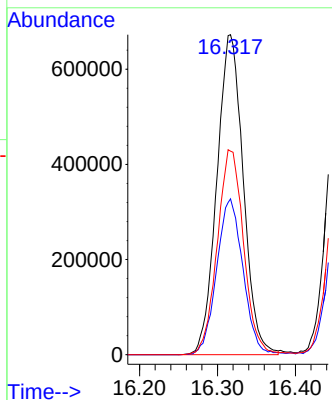
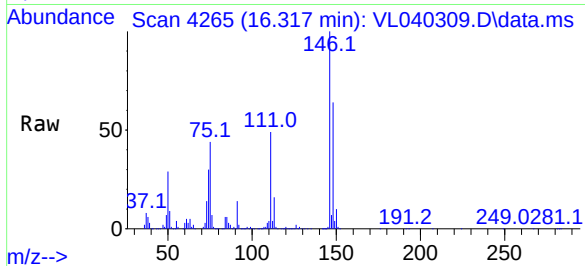




#75
1,3-Dichlorobenzene
Concen: 8.406 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

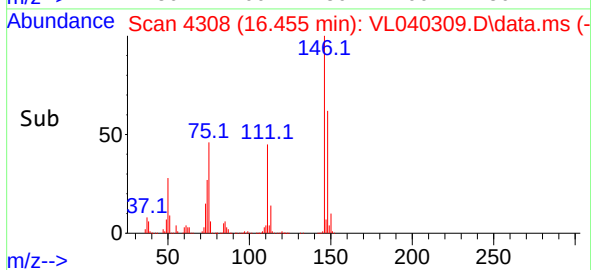
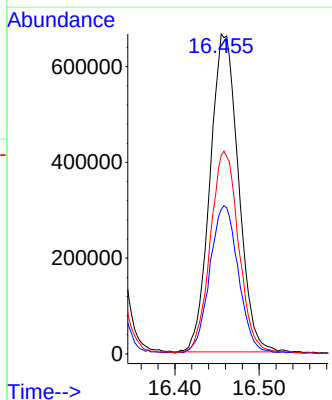
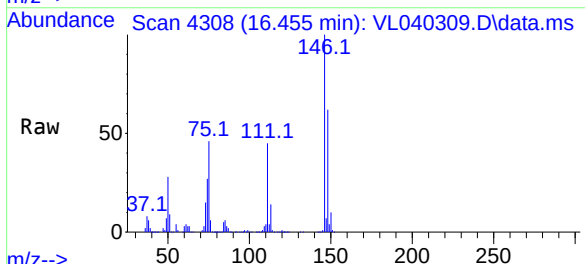
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

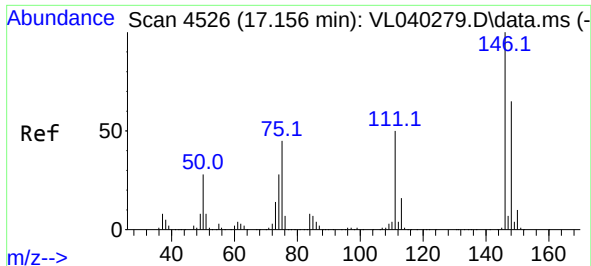
Tgt Ion:146 Resp: 1584906
Ion Ratio Lower Upper
146 100
111 48.7 24.3 73.0
148 64.1 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 8.622 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:146 Resp: 1550564
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.2
148 64.8 32.5 97.5

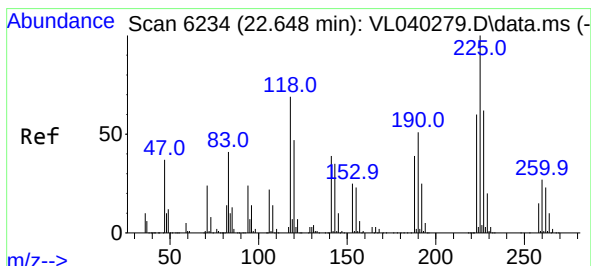
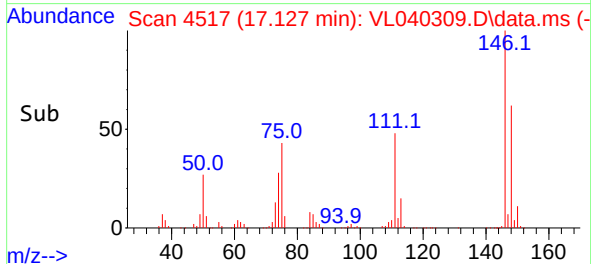
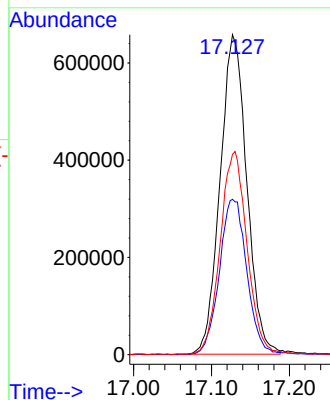
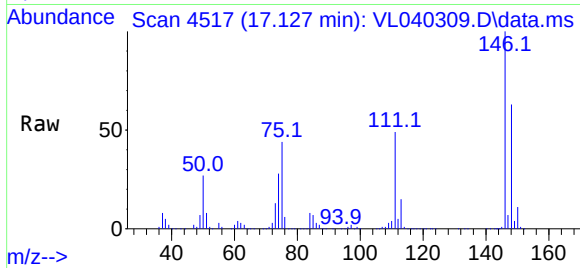




#77
1,2-Dichlorobenzene
Concen: 8.635 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

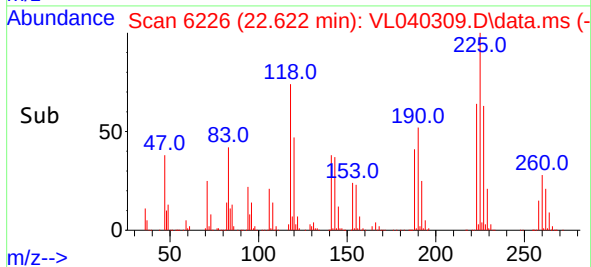
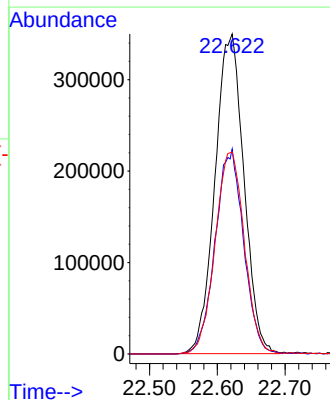
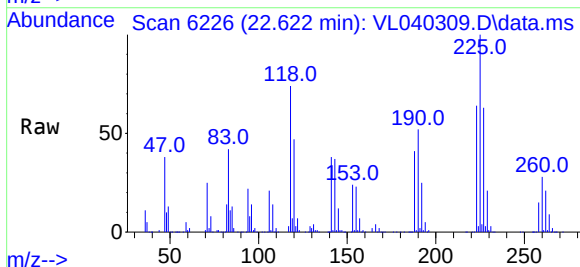
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

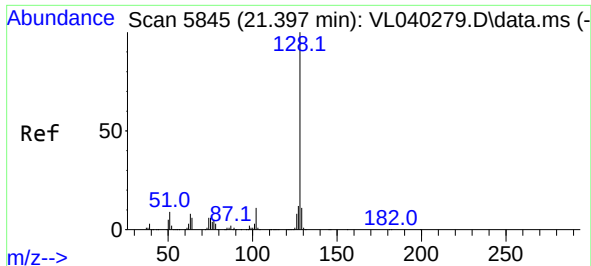
Tgt Ion:146 Resp: 1564951
Ion Ratio Lower Upper
146 100
111 50.5 25.2 75.6
148 64.6 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.809 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:225 Resp: 1037956
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 63.9 51.4 77.2

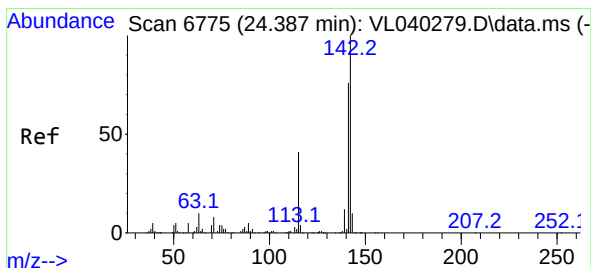
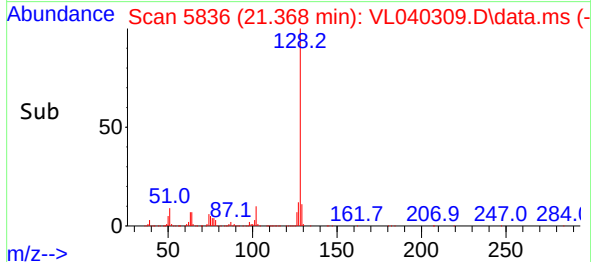
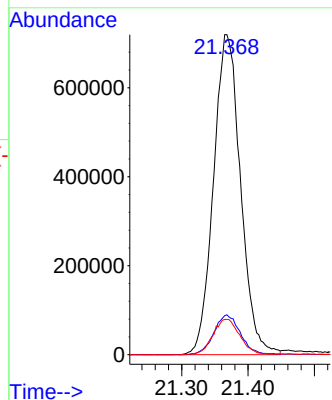
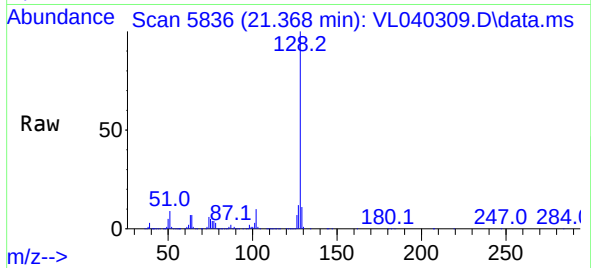




#79
Naphthalene
Concen: 9.893 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

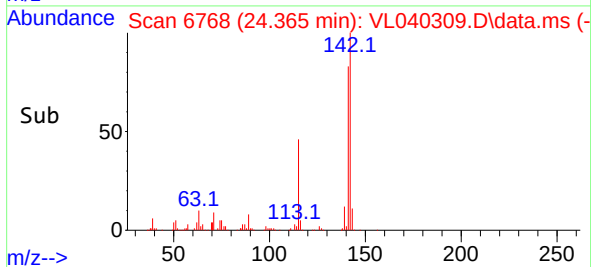
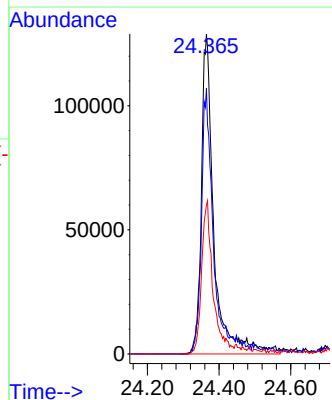
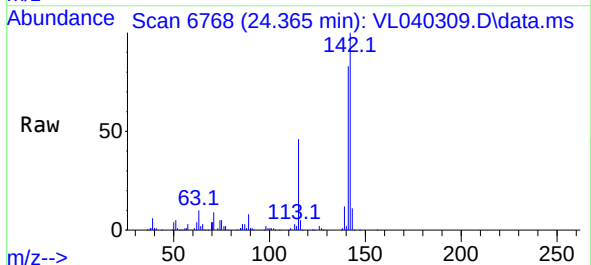
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

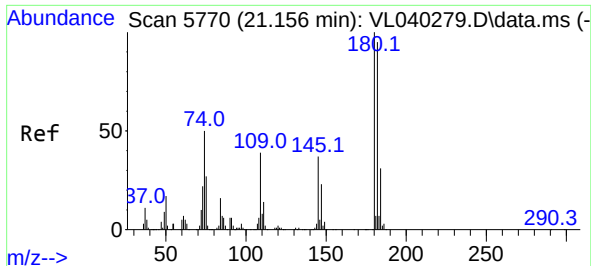
Tgt Ion:128 Resp: 2037309
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 11.0 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 6.011 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

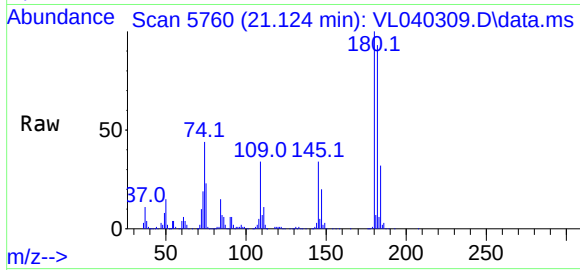
Tgt Ion:142 Resp: 313498
Ion Ratio Lower Upper
142 100
141 79.2 65.5 98.3
115 46.7 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 8.493 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.032 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1077268

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
184	30.9	24.4	36.6

