

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040263.D
 Acq On : 8 Mar 2023 20:43
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Mar 09 04:16:37 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 Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	909376	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2257099	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.455	117	2664857	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1769213	8.074	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1384892	8.171	ppbv	97
3) Chlorodifluoromethane	2.664	51	1037733	9.553	ppbv	98
4) Chloromethane	2.803	50	655185	9.602	ppbv	93
5) Vinyl Chloride	2.912	62	553398	10.092	ppbv	97
6) Bromomethane	3.108	94	188836	9.541	ppbv	96
7) Chloroethane	3.189	64	207921	9.562	ppbv	98
8) Dichlorotetrafluoroethane	2.848	85	1430846	9.797	ppbv	100
9) Propene	2.684	41	416482	9.405	ppbv	98
10) Heptane	7.568	43	1078764	10.235	ppbv	100
11) Trichlorofluoromethane	3.552	101	1513613	9.953	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.053	101	1112574	9.917	ppbv	98
13) Ethanol	3.230	45	14265	3.499	ppbv #	54
14) Bromoethene	3.356	108	453700	10.546	ppbv	98
15) Acetone	3.455	43	988760	9.031	ppbv	99
16) 1,3-Butadiene	2.973	39	506495	10.130	ppbv	99
17) tert-Butyl alcohol	3.867	59	994561	9.961	ppbv	100
18) 1,1-Dichloroethene	3.867	96	493092	10.116	ppbv	98
19) Isopropyl Alcohol	3.565	45	450373	8.654	ppbv	99
20) Methylene Chloride	3.922	84	412566	7.239	ppbv	94
21) Allyl Chloride	3.983	41	690308	10.280	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	509823	10.100	ppbv	88
23) Vinyl Acetate	4.613	43	326603	9.830	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1013486	9.758	ppbv	99
25) Ethyl Acetate	5.192	43	1961304	9.637	ppbv	99
26) Hexane	5.201	57	832261	9.525	ppbv	99
27) Carbon Disulfide	4.111	76	1232991	11.121	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	902812	9.644	ppbv	99
29) Chloroform	5.262	83	1453825	9.691	ppbv	100
30) Cyclohexane	6.590	84	717283	10.455	ppbv	97
31) cis-1,2-Dichloroethene	5.066	61	853895	10.286	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1475590	10.469	ppbv	100
34) 2-Butanone	4.774	43	1095995	9.844	ppbv	98
35) Carbon Tetrachloride	6.481	117	1523828	11.420	ppbv	98
36) Benzene	6.359	78	1761531	10.029	ppbv	97
37) 1,2-Dichloroethane	5.796	62	1139543	10.373	ppbv	98
38) Trichloroethene	7.282	130	1076157	11.119	ppbv	98
39) 1,2-Dichloropropane	7.063	63	684392	10.016	ppbv	98
40) 1,4-Dioxane	7.272	88	249748	9.137	ppbv	78
41) Tetrahydrofuran	5.545	42	664214	10.294	ppbv	99
42) Bromodichloromethane	7.237	83	1620185	10.685	ppbv	98
43) Methyl Methacrylate	7.462	69	710507	10.932	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	2964629	10.111	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	674184	11.694	ppbv	97

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 09 04:16:37 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 Mar 01 04:21:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	914119	11.381	ppbv	97
47) 1,1,2-Trichloroethane	8.886	97	752061	10.176	ppbv	100
48) Dibromochloromethane	9.700	129	1325286	11.211	ppbv	100
49) Bromoform	12.397	173	1048343	11.362	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	1861534	10.768	ppbv	99
51) 2-Hexanone	9.539	43	1433987	10.786	ppbv #	98
52) Tetrachloroethene	10.606	164	591665	10.787	ppbv	98
53) Toluene	9.208	91	2038020	10.833	ppbv	98
54) 1,2-Dibromoethane	9.995	107	852673	11.089	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	953264	8.522	ppbv	99
57) Chlorobenzene	11.516	112	1594136	8.188	ppbv	99
58) Ethyl Benzene	12.079	91	2844554	8.785	ppbv	97
59) m/p-Xylene	12.362	91	2549592	8.891	ppbv #	37
60) o-Xylene	13.047	91	2395039	8.680	ppbv	99
61) Styrene	12.886	104	1334609	9.212	ppbv	99
62) Isopropylbenzene	14.018	105	3369477	8.507	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	801298	8.058	ppbv	99
64) n-propylbenzene	14.902	120	854011	8.712	ppbv	97
65) tert-Butylbenzene	16.082	119	2928258	8.505	ppbv	99
66) Benzyl Chloride	16.317	91	190395	8.310	ppbv	100
67) sec-Butylbenzene	16.622	105	4209675	8.526	ppbv	99
69) p-Isopropyltoluene	16.985	119	3304132	8.441	ppbv	99
70) n-Butylbenzene	17.876	91	3604688	8.484	ppbv	100
71) 2-Chlorotoluene	14.793	91	2605008	8.599	ppbv	99
72) 4-Ethyltoluene	15.182	105	2700422	8.853	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2414114	8.505	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	2648440	8.495	ppbv	98
75) 1,3-Dichlorobenzene	16.320	146	1410966	8.270	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1386619	8.293	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1349978	7.965	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	839600	7.211	ppbv	99
79) Naphthalene	21.371	128	1618837	9.242	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	346957	6.966	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	897824	8.191	ppbv	98

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

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 ClientSampleId :
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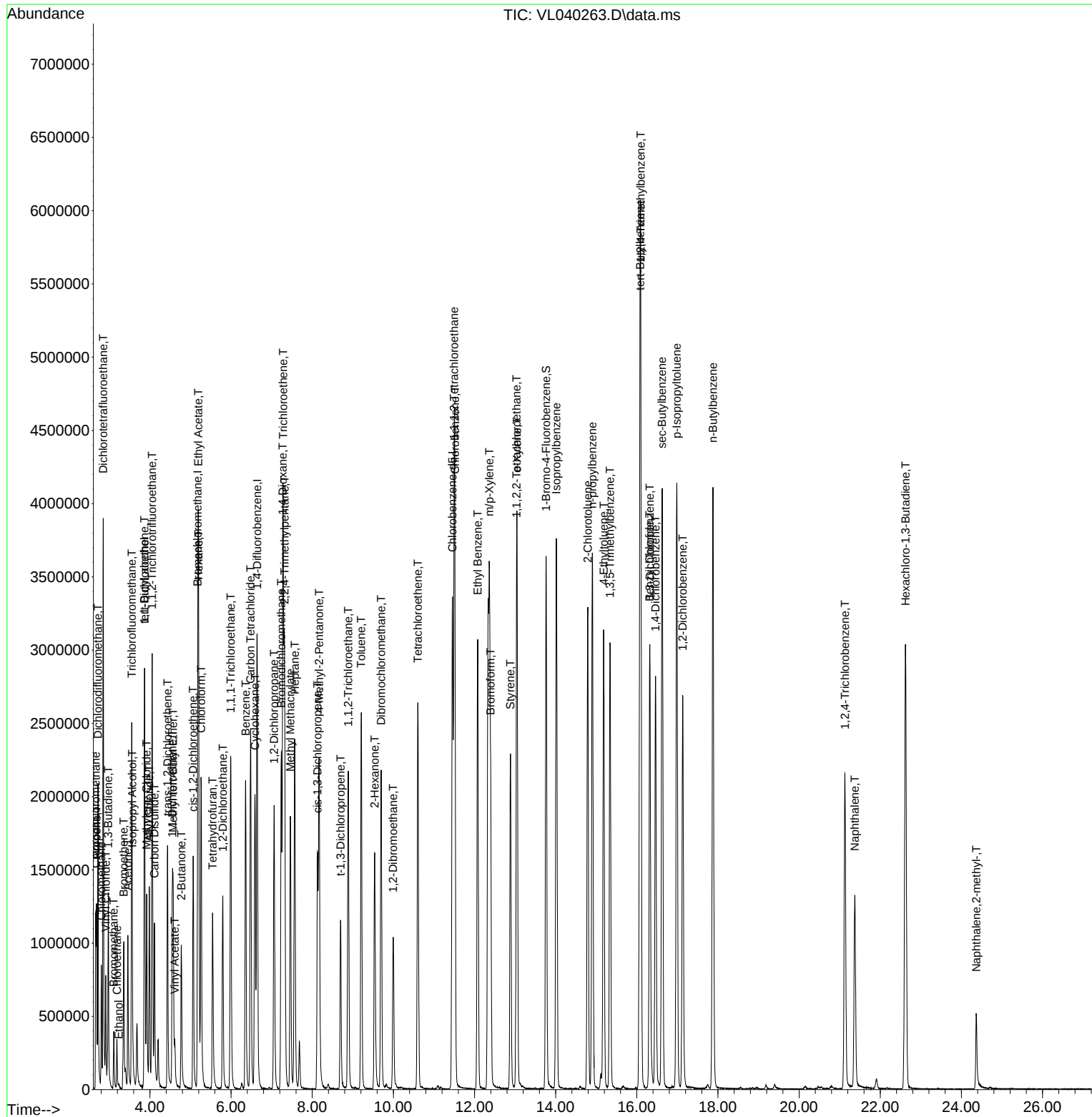
Quant Time: Mar 09 04:16:37 2023

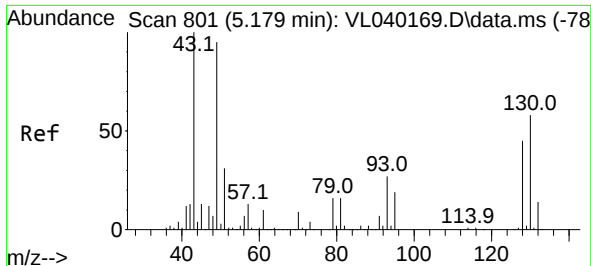
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Mar 01 04:21:39 2023

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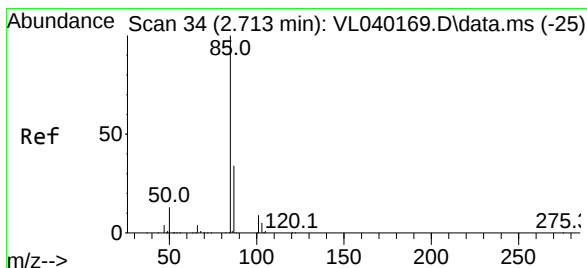
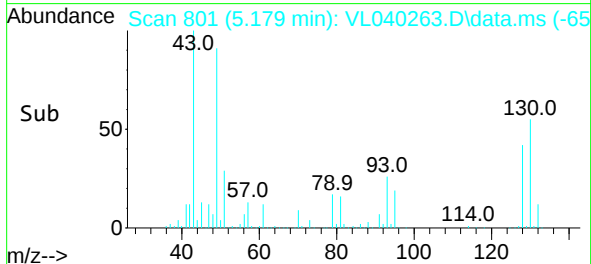
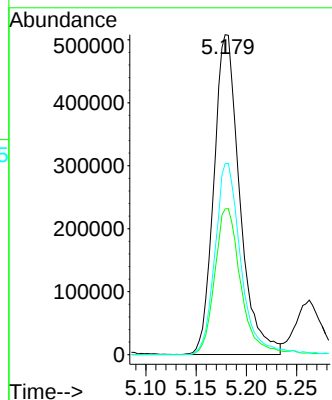
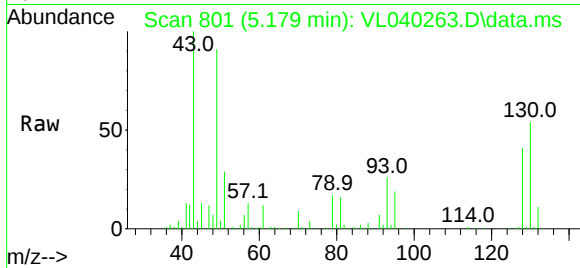




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

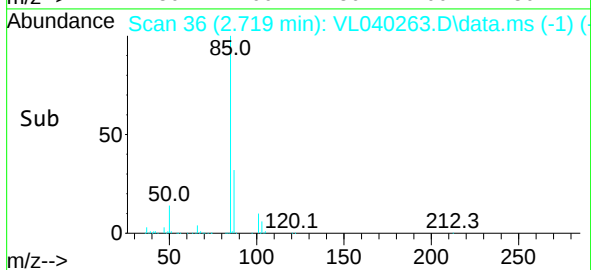
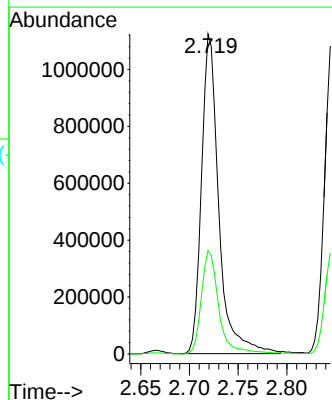
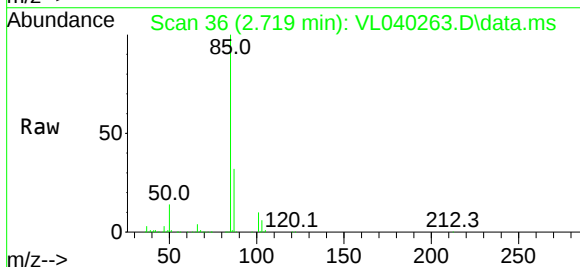
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

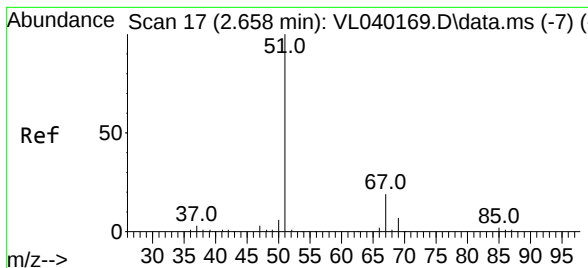
Tgt Ion: 49 Resp: 909376
Ion Ratio Lower Upper
49 100
128 47.1 24.1 72.3
130 60.7 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 8.171 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.006 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 85 Resp: 1384892
Ion Ratio Lower Upper
85 100
87 32.3 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.553 ppbv

RT: 2.664 min Scan# 19

Delta R.T. -0.006 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

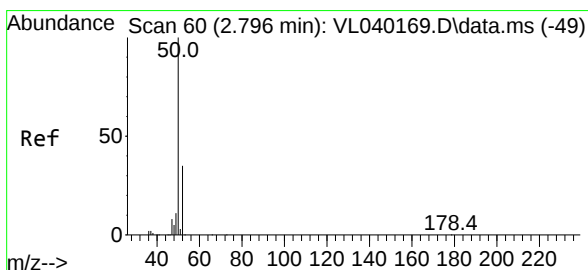
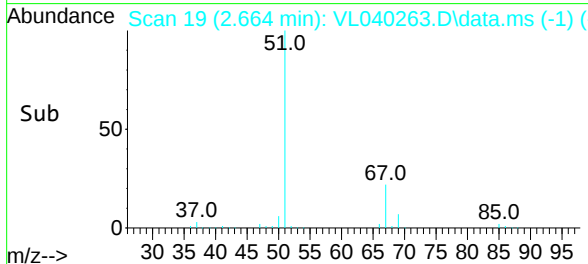
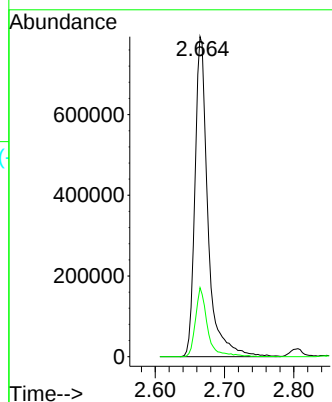
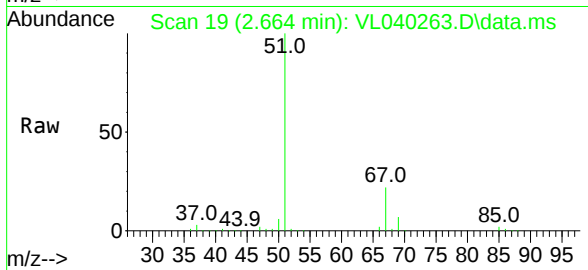
VSTDCCC010EC

Tgt Ion: 51 Resp: 1037733

Ion Ratio Lower Upper

51 100

67 20.1 15.4 23.2



#4

Chloromethane

Concen: 9.602 ppbv

RT: 2.803 min Scan# 62

Delta R.T. -0.010 min

Lab File: VL040263.D

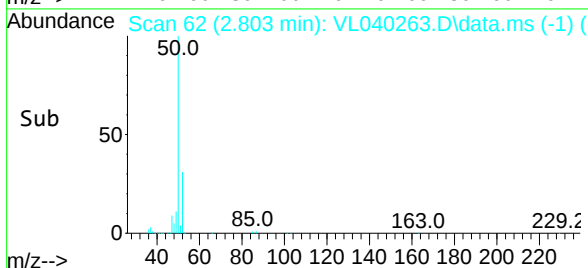
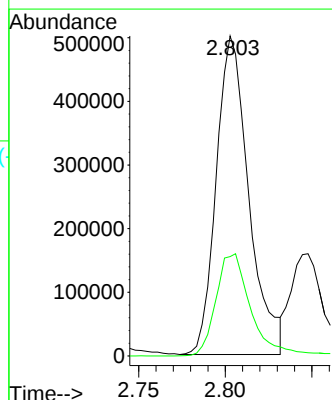
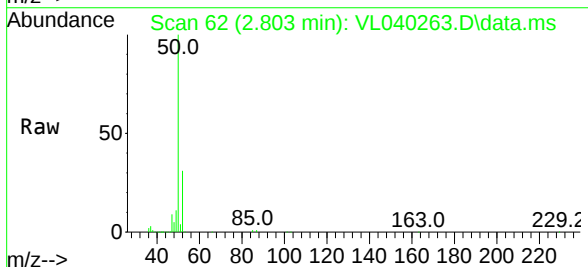
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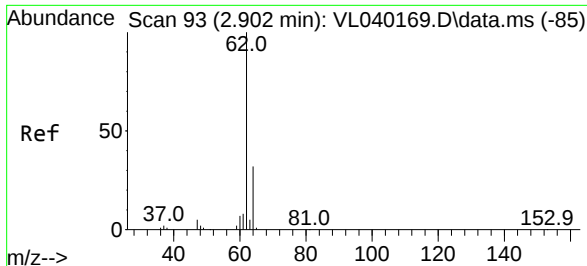
Tgt Ion: 50 Resp: 655185

Ion Ratio Lower Upper

50 100

52 31.2 28.3 42.5

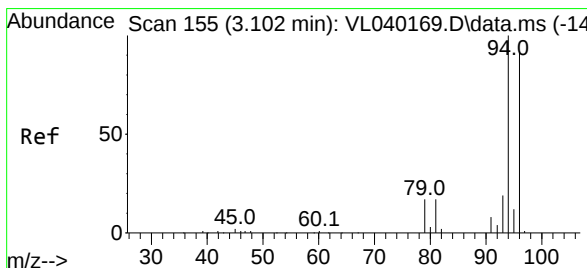
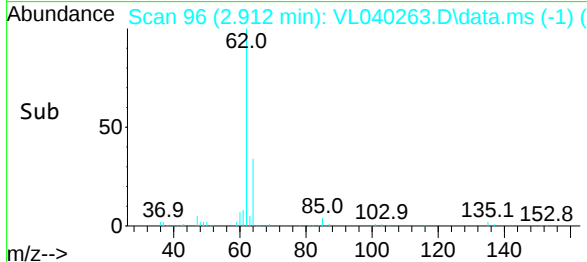
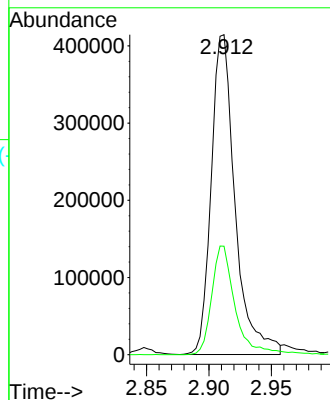
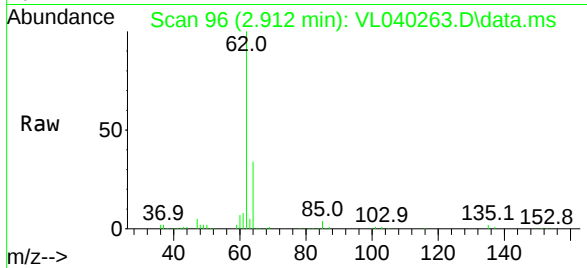




#5
 Vinyl Chloride
 Concen: 10.092 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

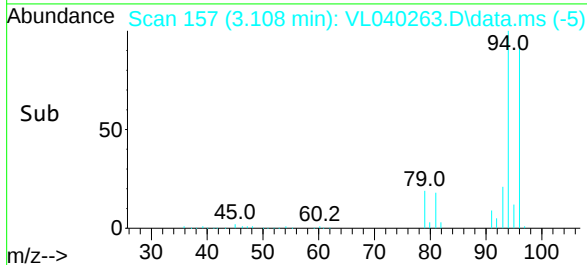
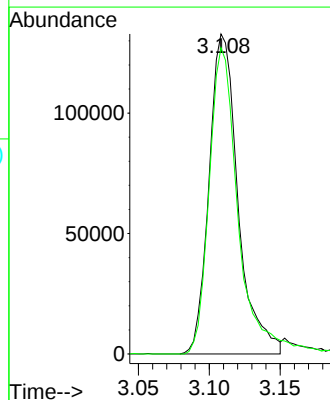
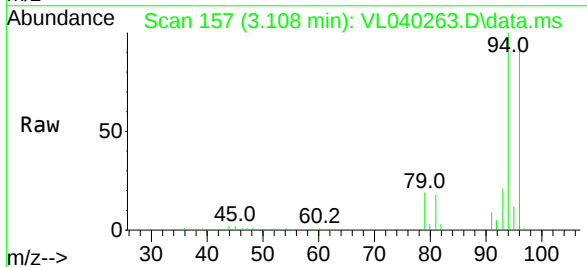
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 553398
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.6 38.4



#6
 Bromomethane
 Concen: 9.541 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 94 Resp: 188836
 Ion Ratio Lower Upper
 94 100
 96 95.7 73.4 110.2

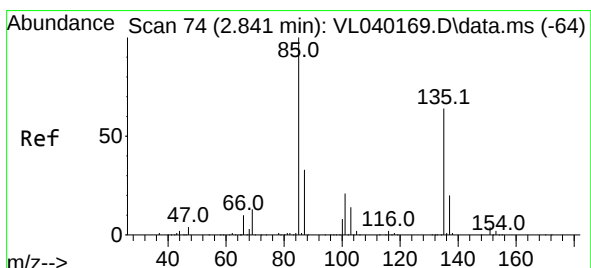
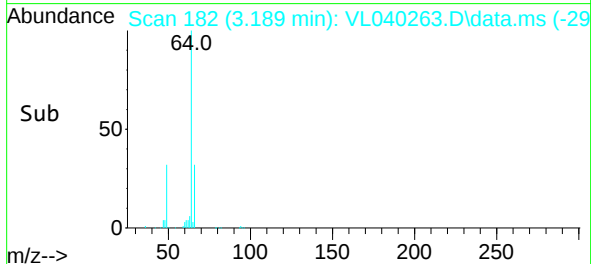
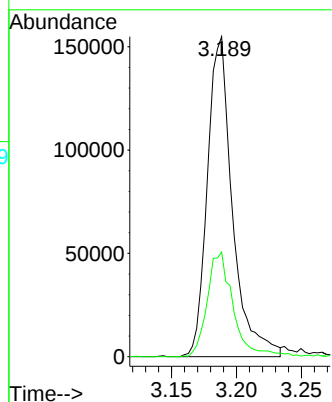
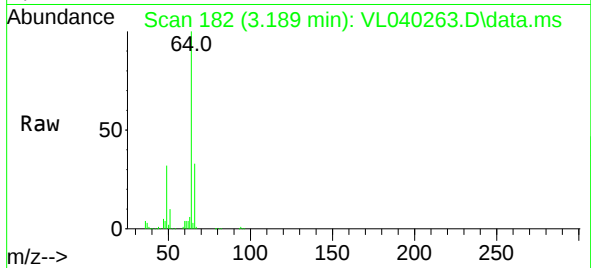




#7
Chloroethane
Concen: 9.562 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

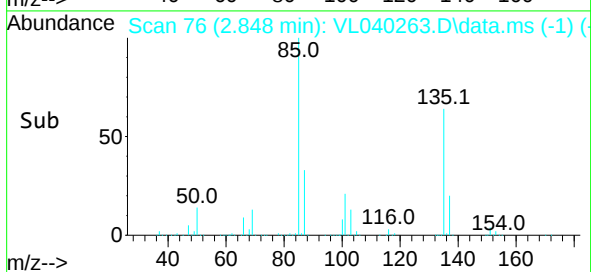
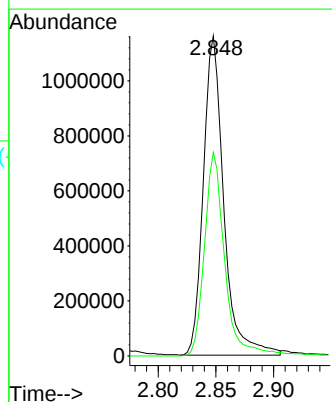
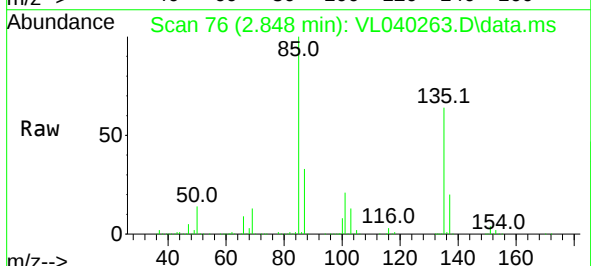
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VSTDCCC010EC

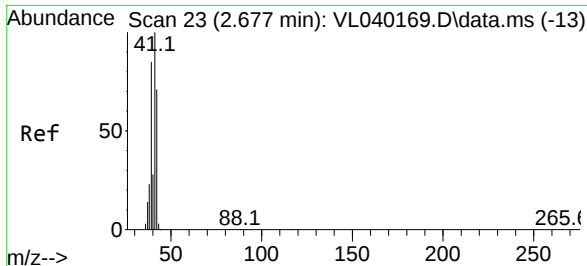
Tgt Ion: 64 Resp: 207921
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.797 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.006 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 85 Resp: 1430846
Ion Ratio Lower Upper
85 100
135 64.2 51.5 77.3

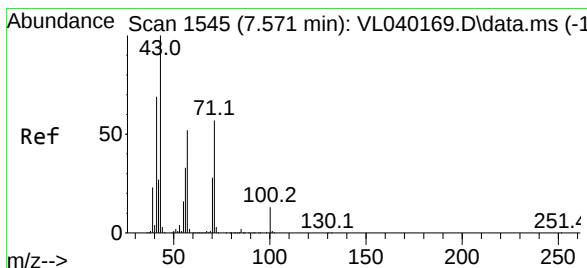
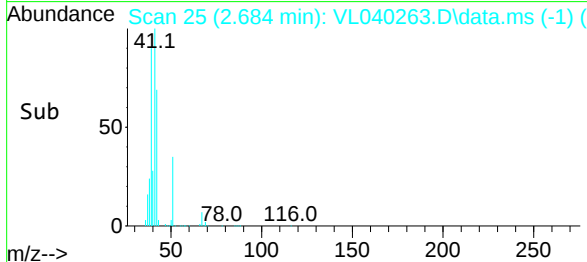
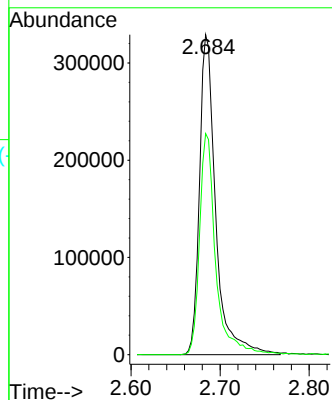
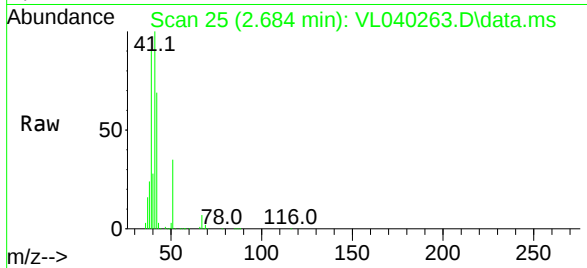




#9
 Propene
 Concen: 9.405 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

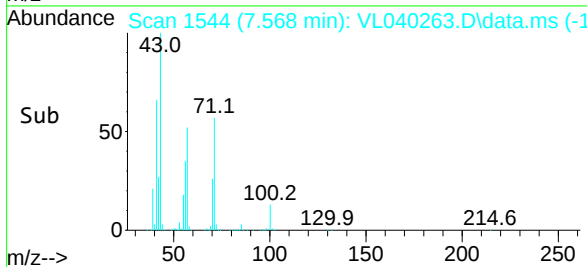
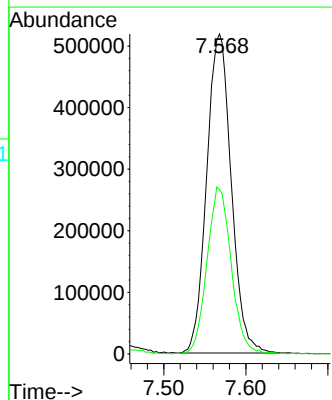
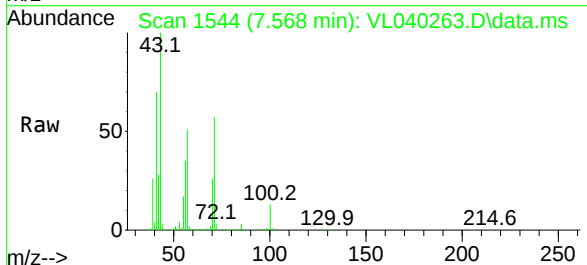
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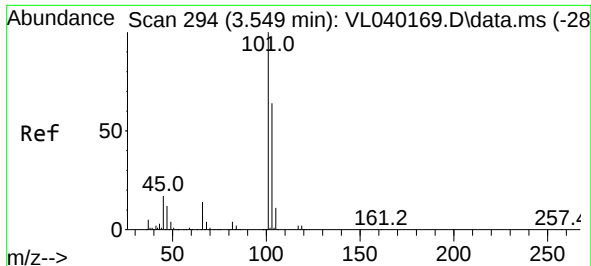
Tgt Ion: 41 Resp: 416482
 Ion Ratio Lower Upper
 41 100
 42 69.3 56.9 85.3



#10
 Heptane
 Concen: 10.235 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.026 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 43 Resp: 1078764
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.4 62.2

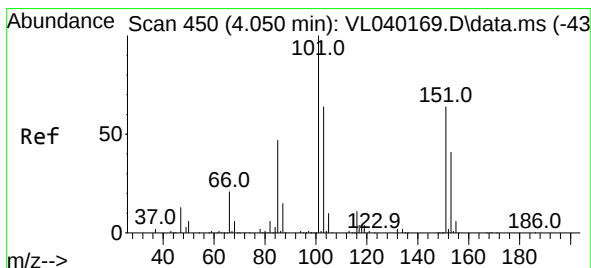
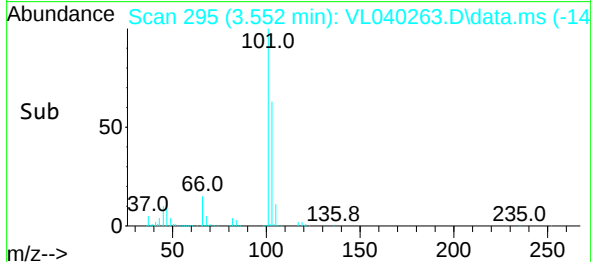
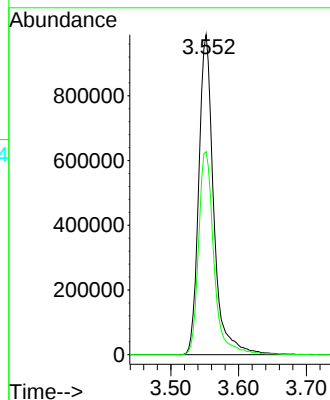
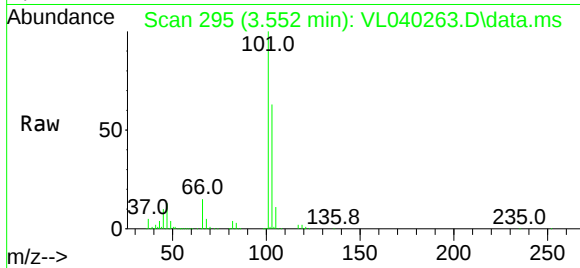




#11
Trichlorofluoromethane
Concen: 9.953 ppbv
RT: 3.552 min Scan# 294
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

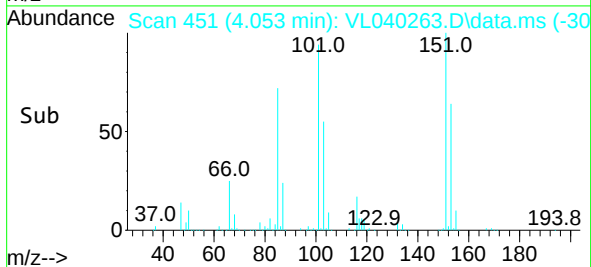
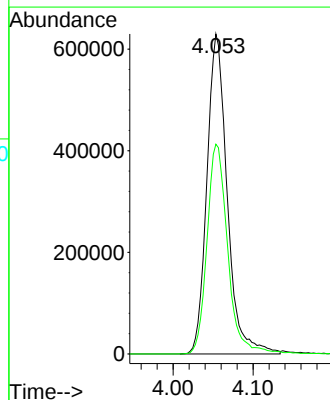
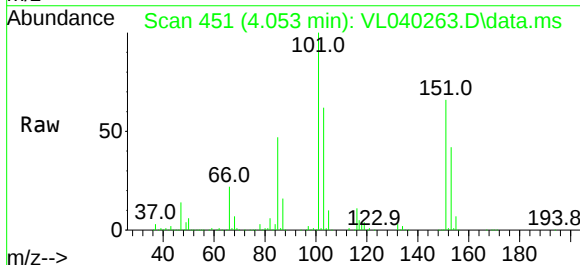
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

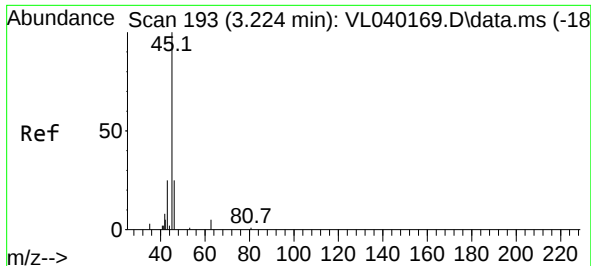
Tgt Ion:101 Resp: 1513613
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.917 ppbv
RT: 4.053 min Scan# 451
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:101 Resp: 1112574
Ion Ratio Lower Upper
101 100
151 67.1 54.7 82.1

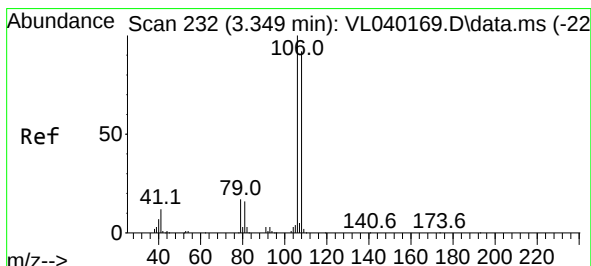
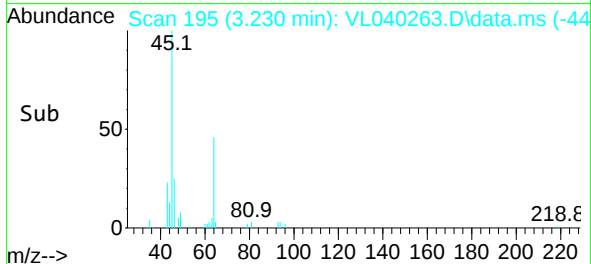
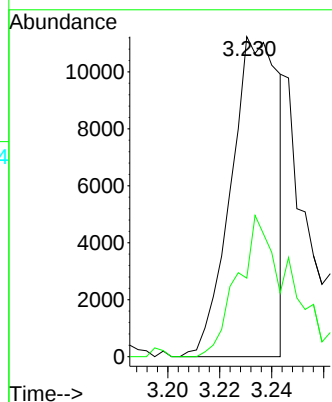
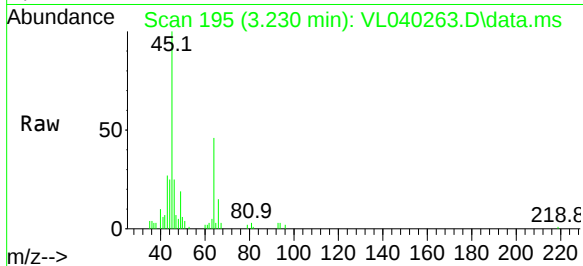




#13
Ethanol
Concen: 3.499 ppbv
RT: 3.230 min Scan# 195
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

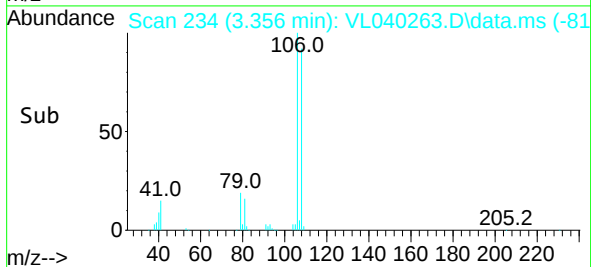
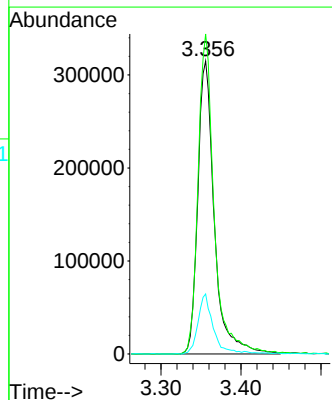
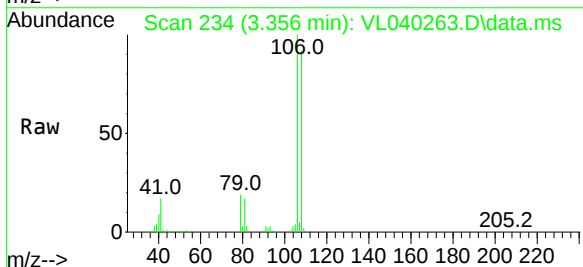
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

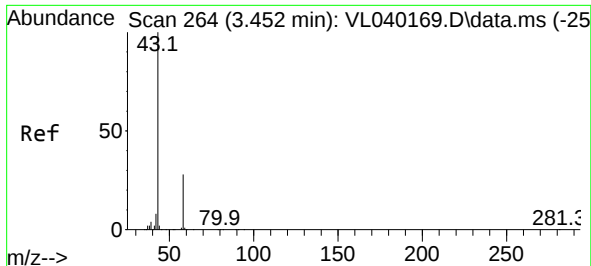
Tgt Ion: 45 Resp: 14265
Ion Ratio Lower Upper
45 100
46 59.4 13.3 53.1#



#14
Bromoethene
Concen: 10.546 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:108 Resp: 453700
Ion Ratio Lower Upper
108 100
106 106.7 87.1 130.7
79 19.6 15.4 23.2

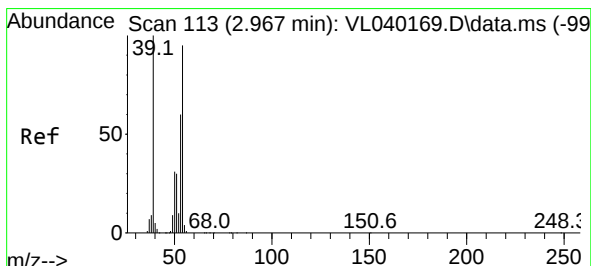
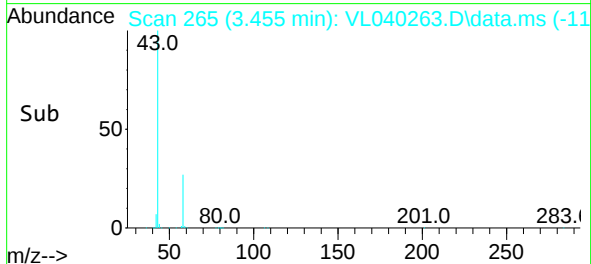
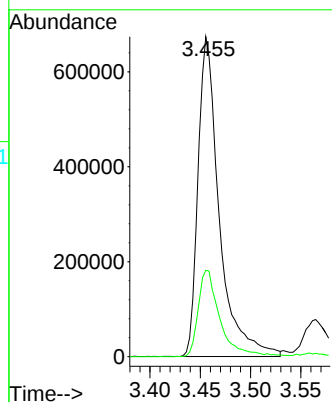
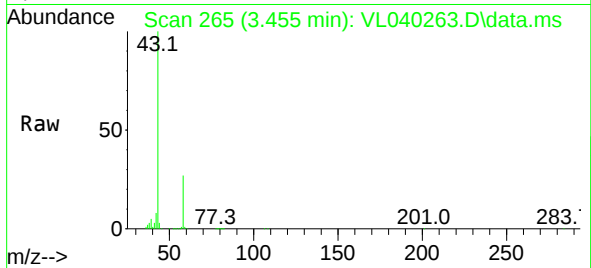




#15
Acetone
Concen: 9.031 ppbv
RT: 3.455 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

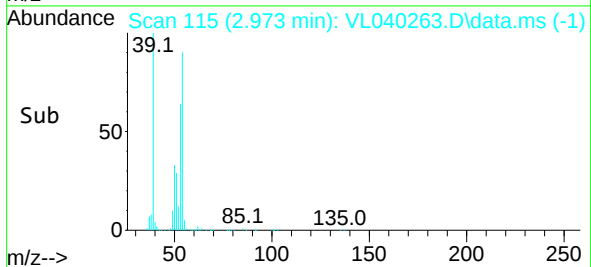
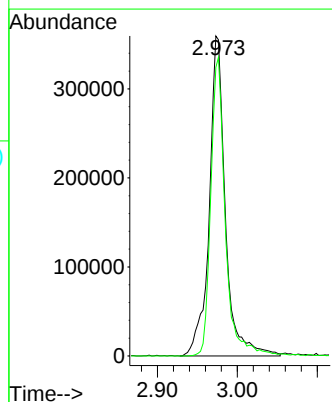
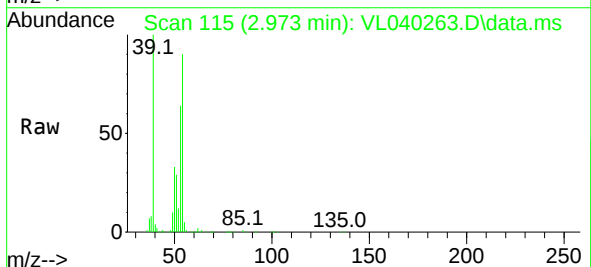
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

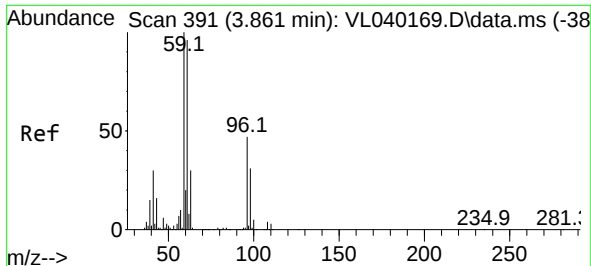
Tgt Ion: 43 Resp: 988760
Ion Ratio Lower Upper
43 100
58 27.7 22.4 33.6



#16
1,3-Butadiene
Concen: 10.130 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 39 Resp: 506495
Ion Ratio Lower Upper
39 100
54 84.6 66.7 100.1

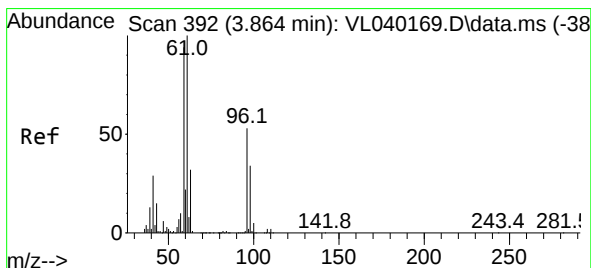
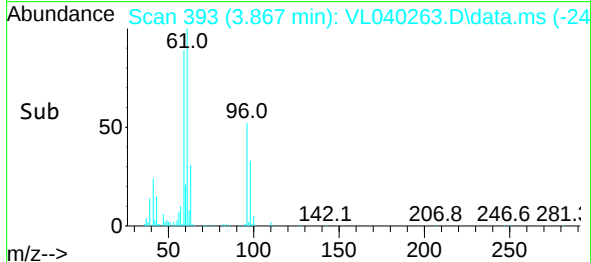
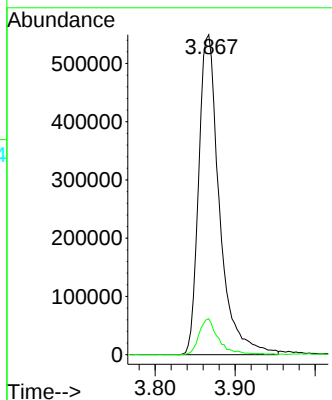
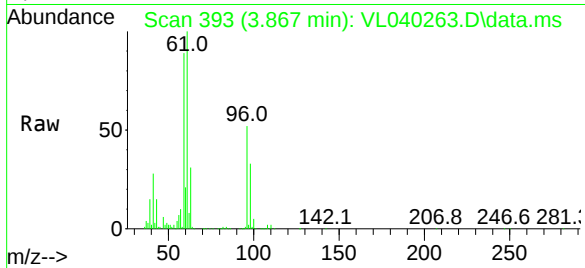




#17
tert-Butyl alcohol
Concen: 9.961 ppbv
RT: 3.867 min Scan# 391
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

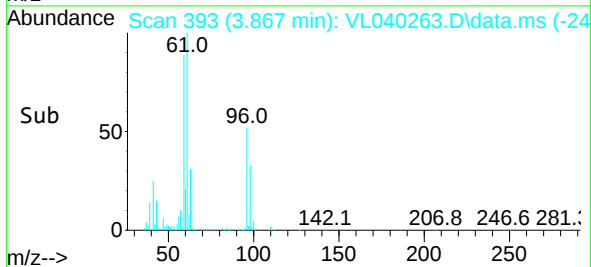
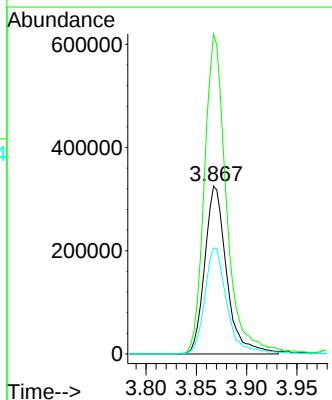
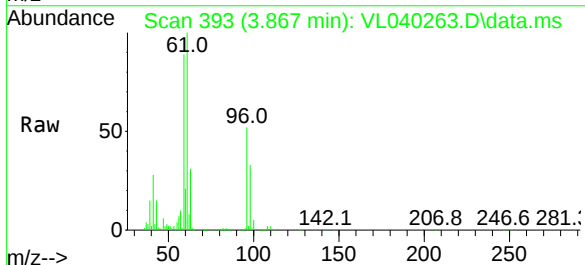
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

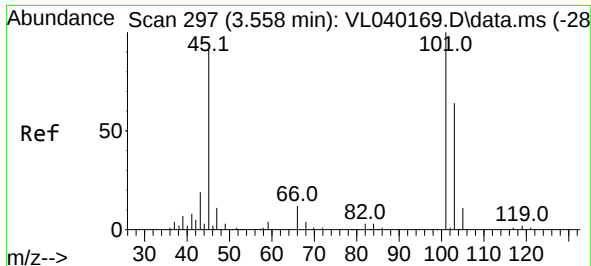
Tgt Ion: 59 Resp: 994561
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#18
1,1-Dichloroethene
Concen: 10.116 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 96 Resp: 493092
Ion Ratio Lower Upper
96 100
61 190.6 149.6 224.4
98 63.1 51.1 76.7

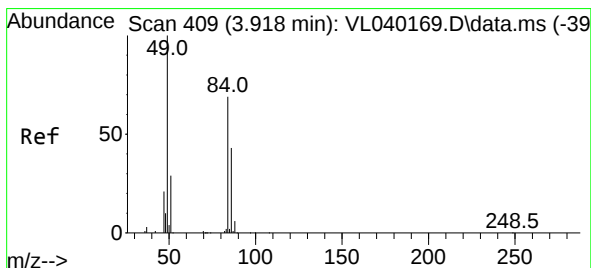
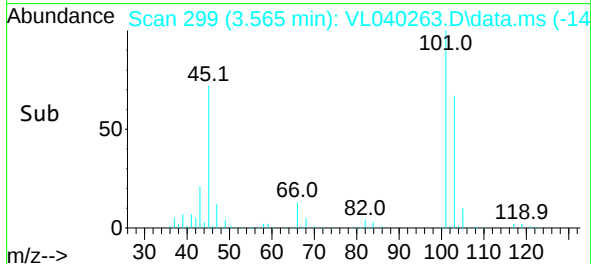
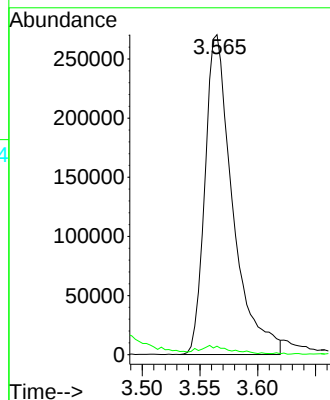
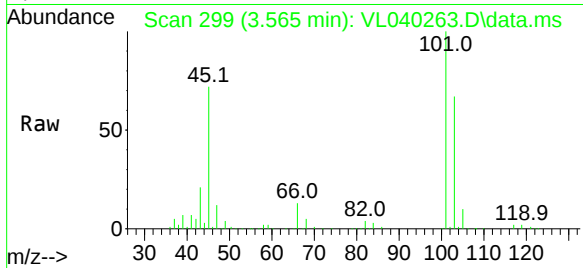




#19
Isopropyl Alcohol
Concen: 8.654 ppbv
RT: 3.565 min Scan# 297
Delta R.T. -0.010 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

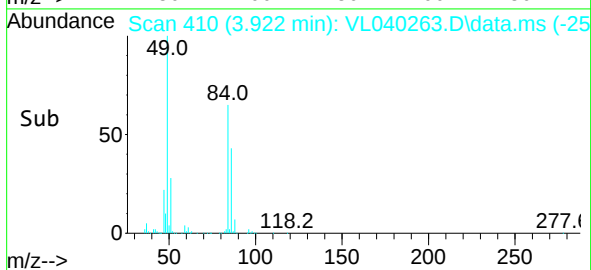
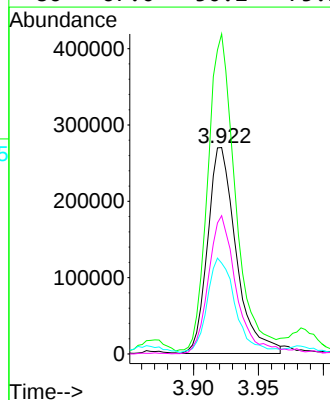
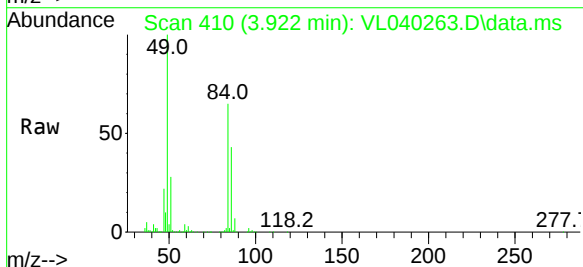
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

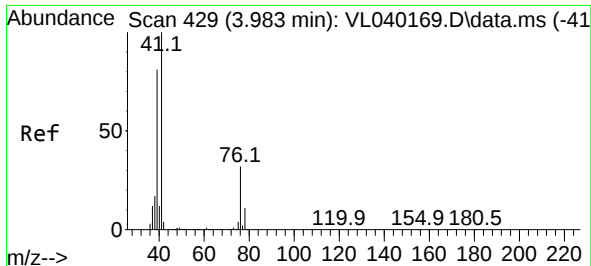
Tgt Ion: 45 Resp: 450373
Ion Ratio Lower Upper
45 100
58 3.6 2.6 3.8



#20
Methylene Chloride
Concen: 7.239 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 84 Resp: 412566
Ion Ratio Lower Upper
84 100
49 153.3 115.5 173.3
51 43.4 33.1 49.7
86 67.0 50.2 75.2





#21

Allyl Chloride

Concen: 10.280 ppbv

RT: 3.983 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

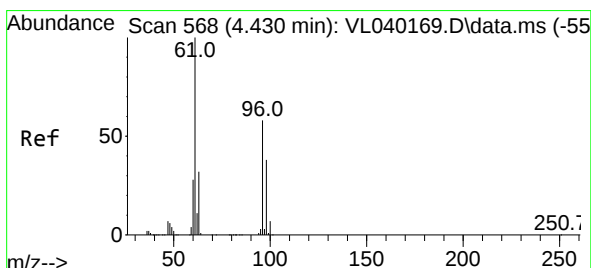
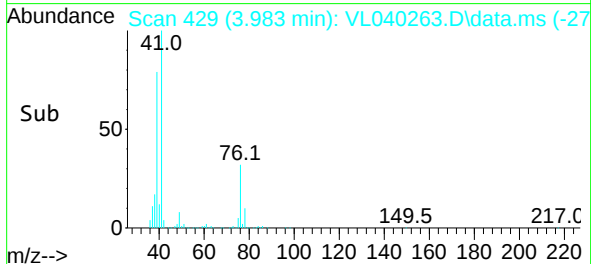
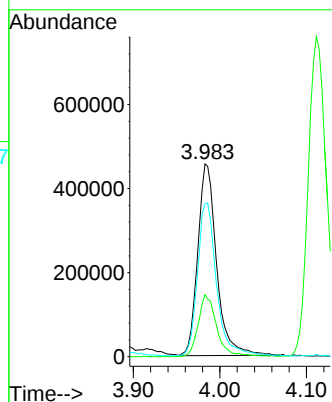
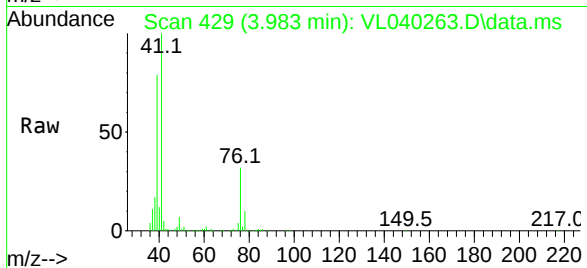
Tgt Ion: 41 Resp: 690308

Ion Ratio Lower Upper

41 100

76 31.9 25.5 38.3

39 81.2 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 10.100 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.016 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

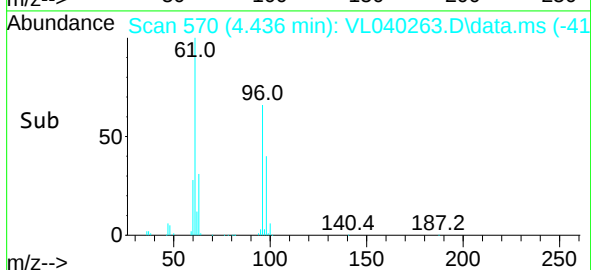
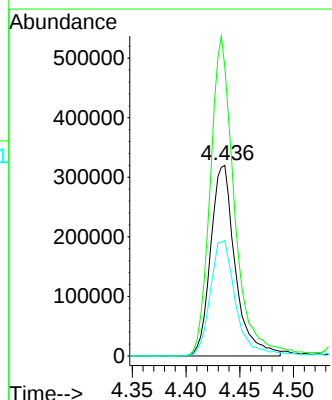
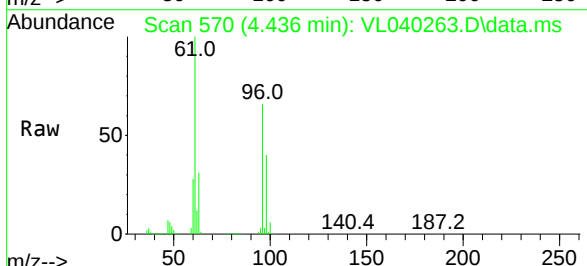
Tgt Ion: 96 Resp: 509823

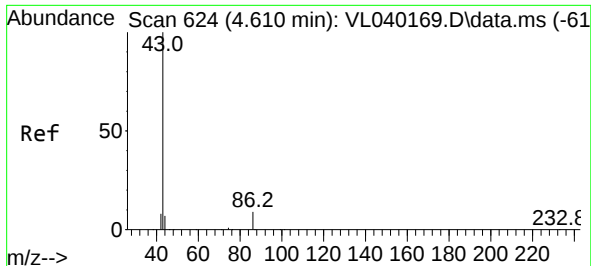
Ion Ratio Lower Upper

96 100

61 151.7 137.5 206.3

98 60.6 52.8 79.2



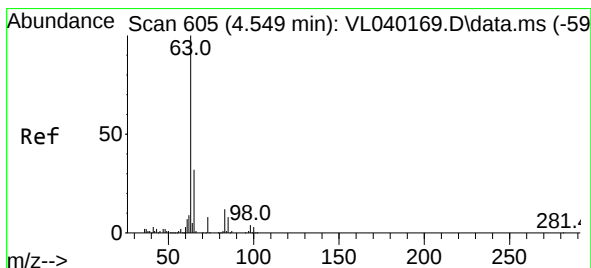
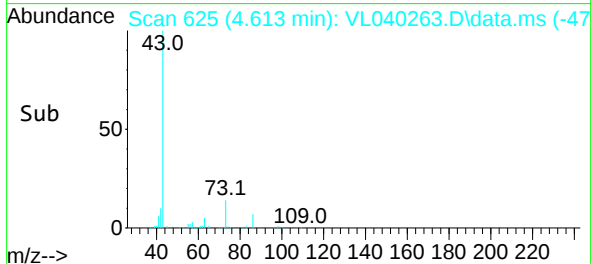
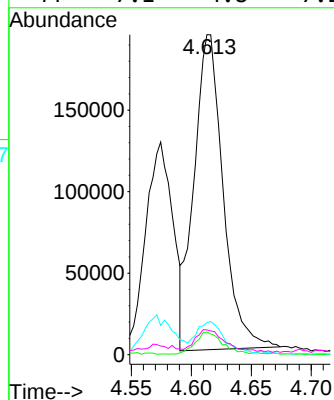
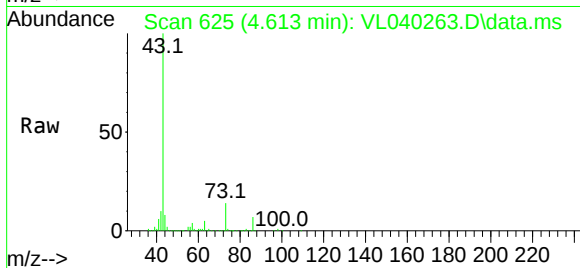


#23
 Vinyl Acetate
 Concen: 9.830 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 326603

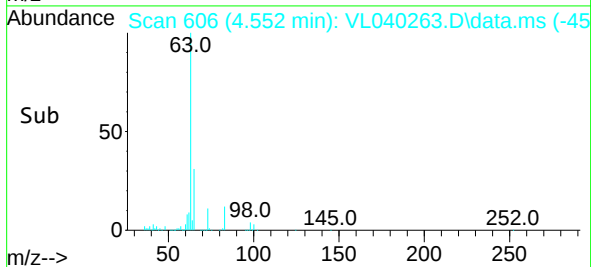
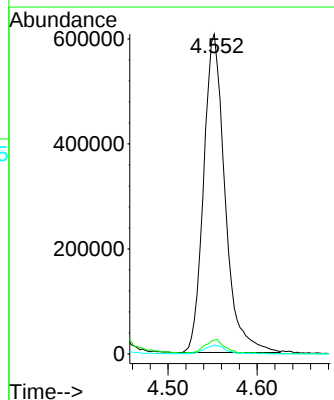
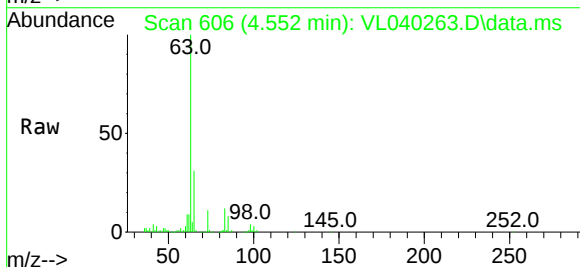
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.9	7.6	11.4
44	7.1	4.8	7.2

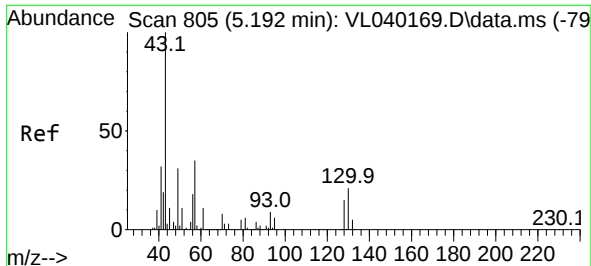


#24
 1,1-Dichloroethane
 Concen: 9.758 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 63 Resp: 1013486

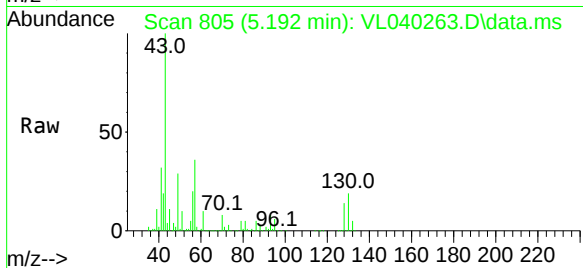
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.8
100	2.8	1.4	4.0





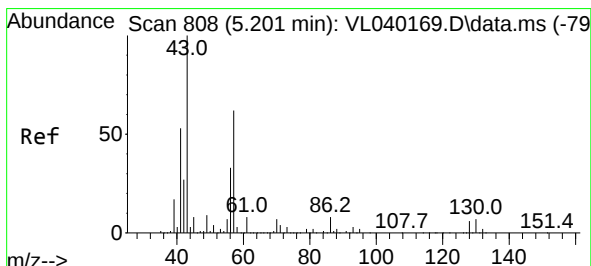
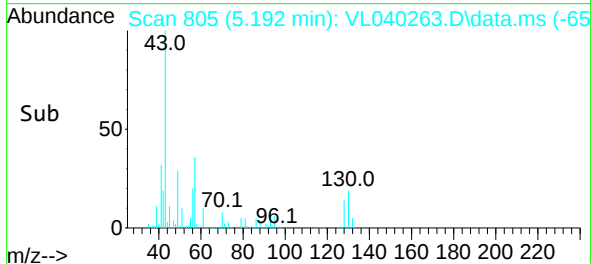
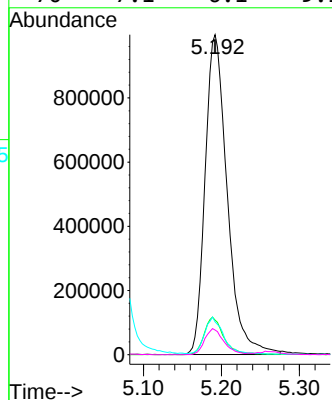
#25
Ethyl Acetate
Concen: 9.637 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.019 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1961304

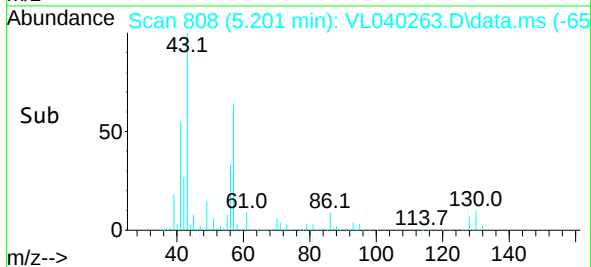
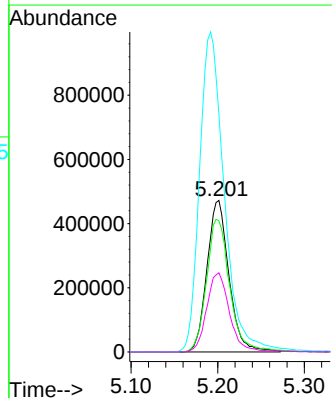
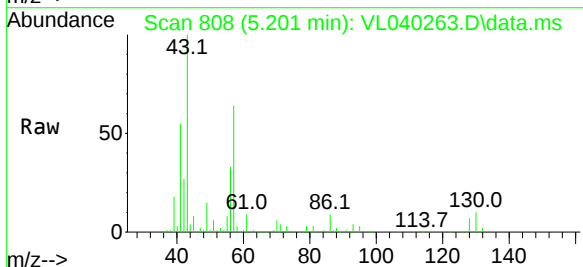
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	10.0	8.4	12.6
70	7.1	6.1	9.1

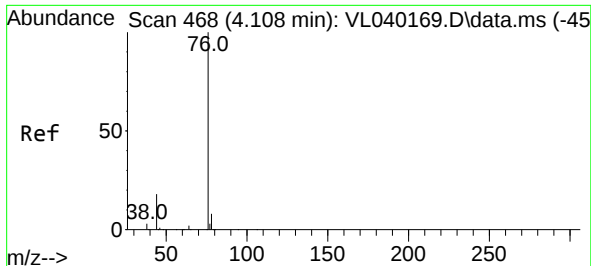


#26
Hexane
Concen: 9.525 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.023 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 57 Resp: 832261

Ion	Ratio	Lower	Upper
57	100		
41	93.0	74.3	111.5
43	238.1	193.0	289.4
56	54.4	42.6	64.0

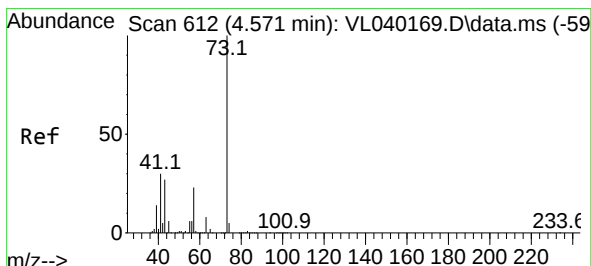
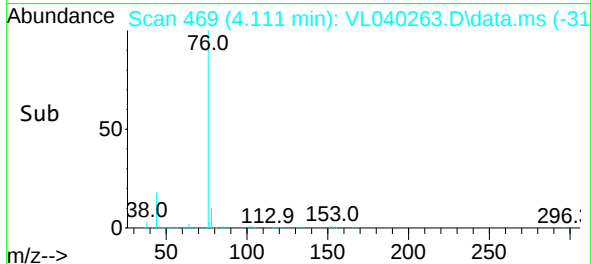
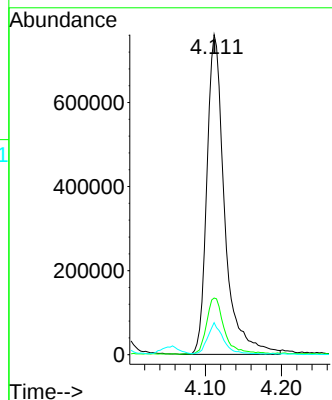
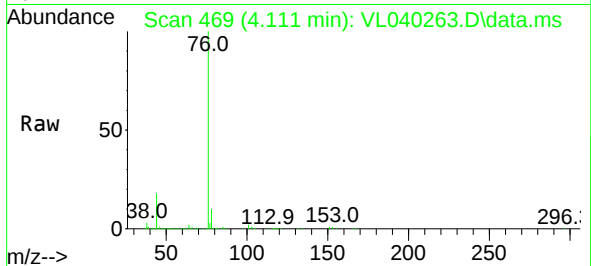




#27
Carbon Disulfide
Concen: 11.121 ppbv
RT: 4.111 min Scan# 469
Delta R.T. -0.016 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

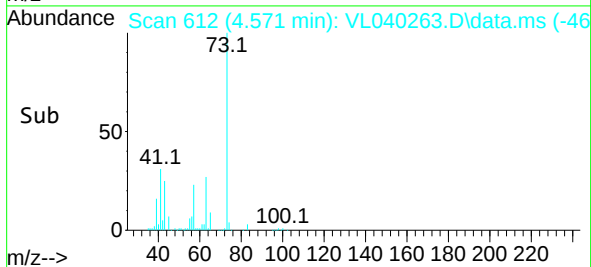
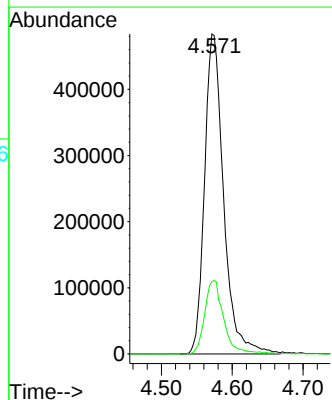
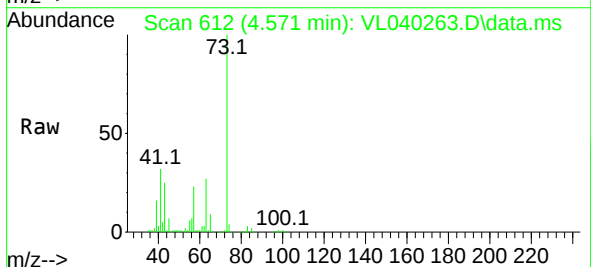
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

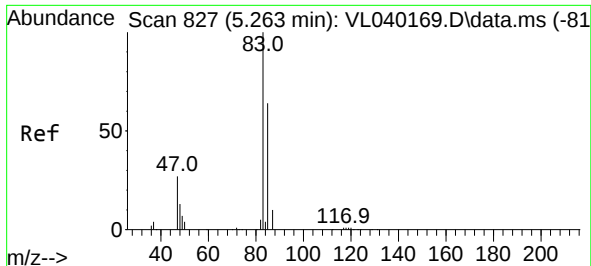
Tgt Ion: 76 Resp: 1232991
Ion Ratio Lower Upper
76 100
44 18.2 15.3 22.9
78 9.5 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.644 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.019 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 73 Resp: 902812
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 9.691 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

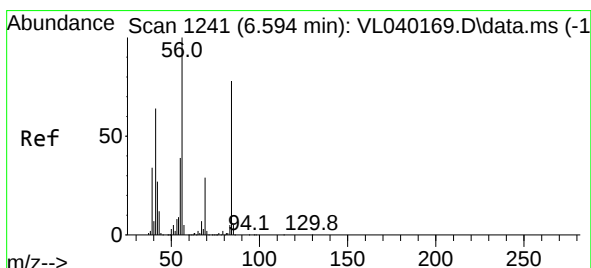
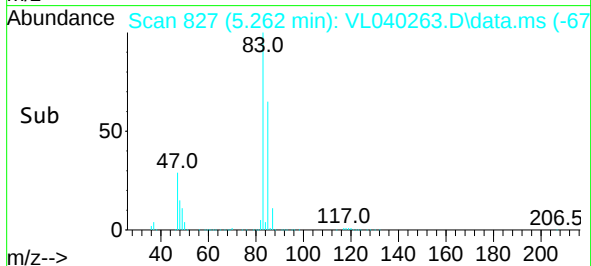
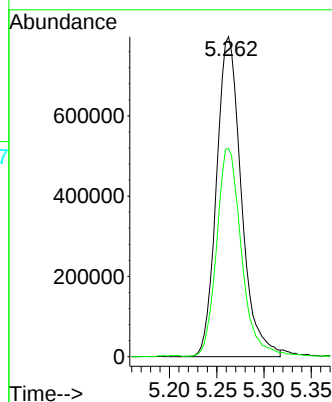
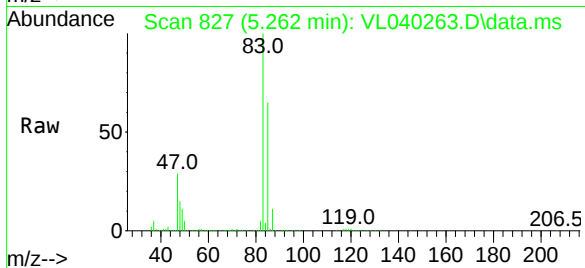
VSTDCCC010EC

Tgt Ion: 83 Resp: 1453825

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3



#30

Cyclohexane

Concen: 10.455 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.026 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

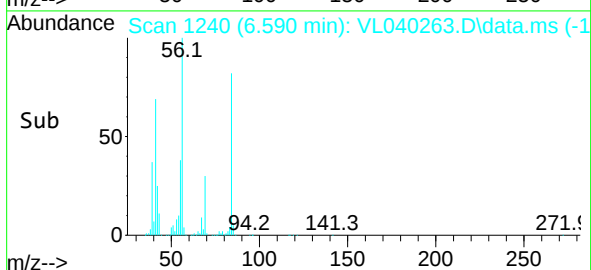
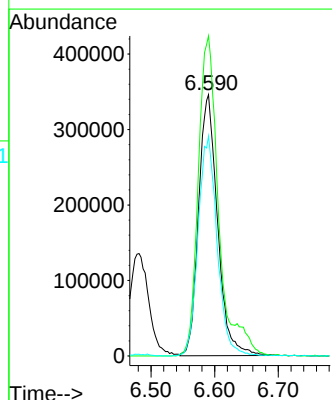
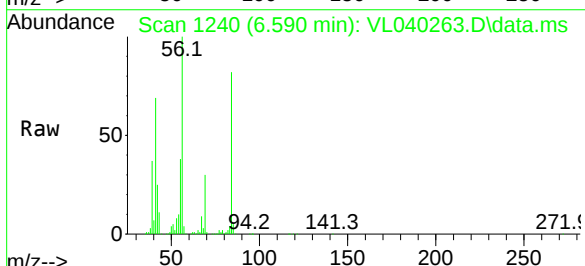
Tgt Ion: 84 Resp: 717283

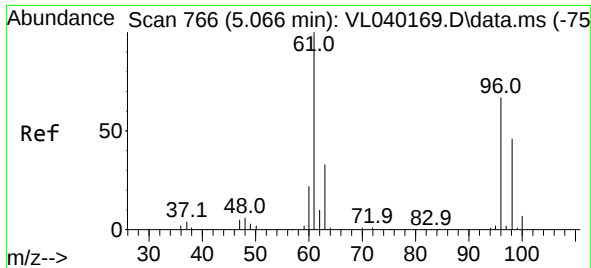
Ion Ratio Lower Upper

84 100

56 131.8 109.9 164.9

41 84.6 67.8 101.6

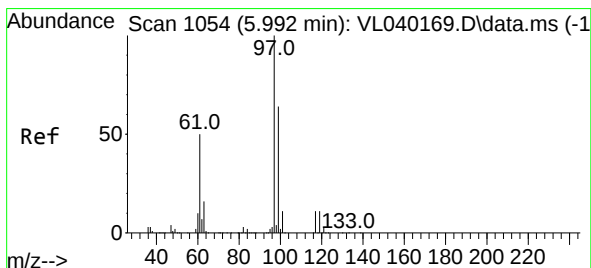
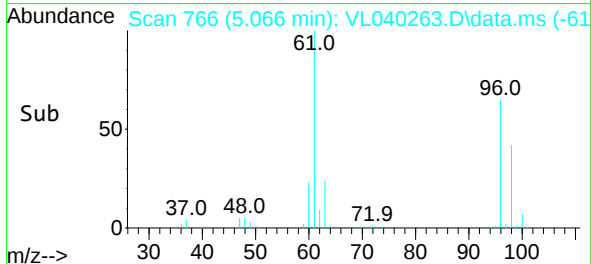
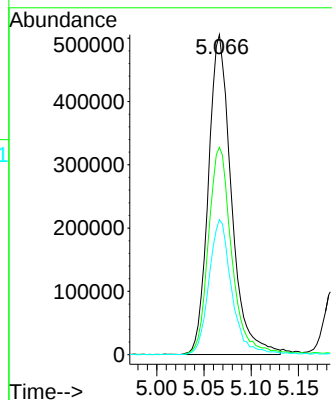
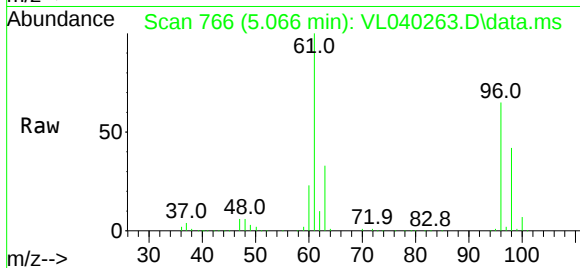




#31
 cis-1,2-Dichloroethene
 Concen: 10.286 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.019 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

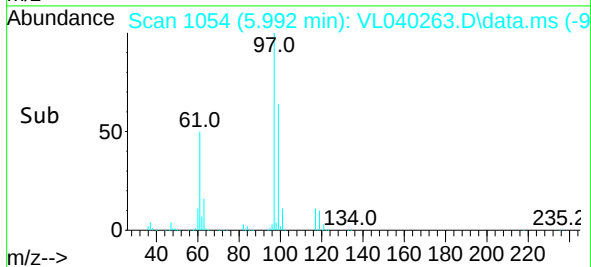
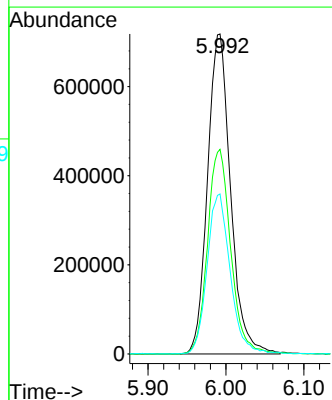
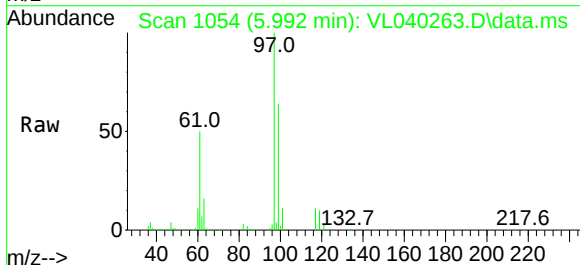
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

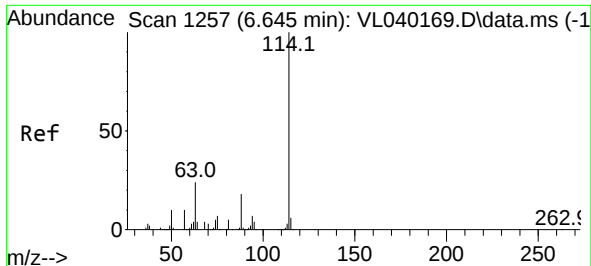
Tgt Ion: 61 Resp: 853895
 Ion Ratio Lower Upper
 61 100
 96 64.8 53.7 80.5
 98 42.2 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 10.469 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.023 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 97 Resp: 1475590
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 50.4 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

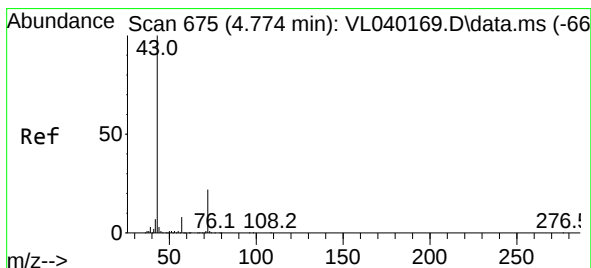
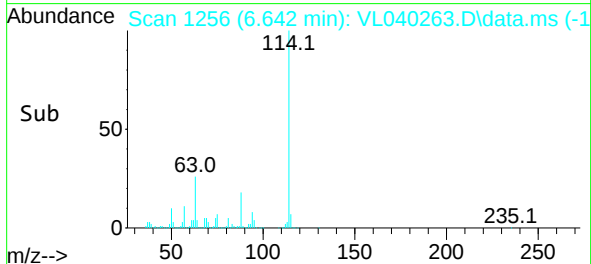
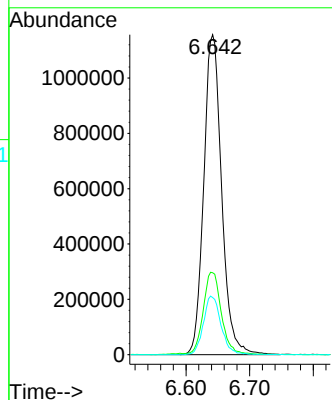
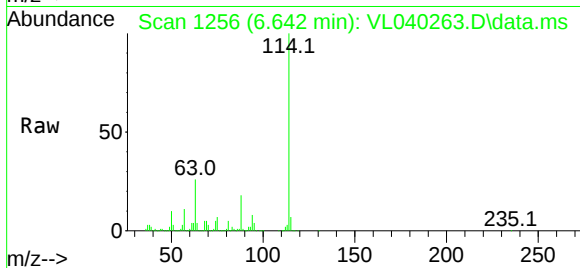
Tgt Ion:114 Resp: 2257099

Ion Ratio Lower Upper

114 100

63 26.5 20.4 30.6

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 9.844 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.019 min

Lab File: VL040263.D

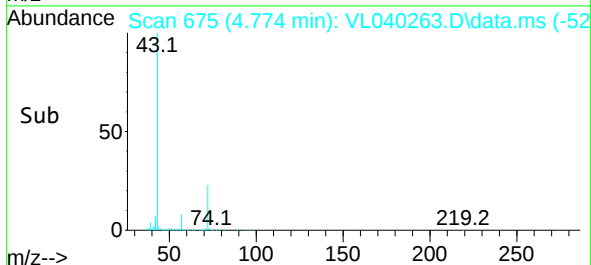
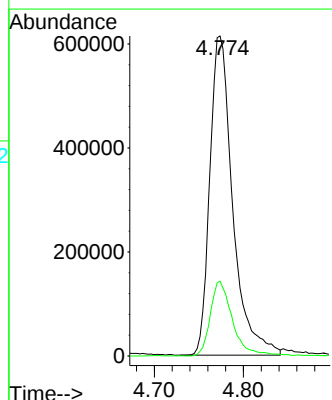
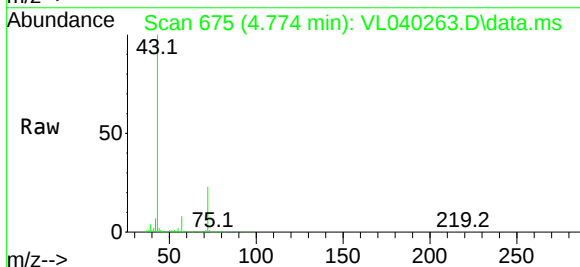
Acq: 8 Mar 2023 20:43

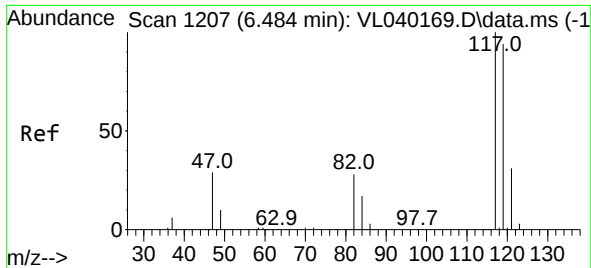
Tgt Ion: 43 Resp: 1095995

Ion Ratio Lower Upper

43 100

72 23.2 17.8 26.8

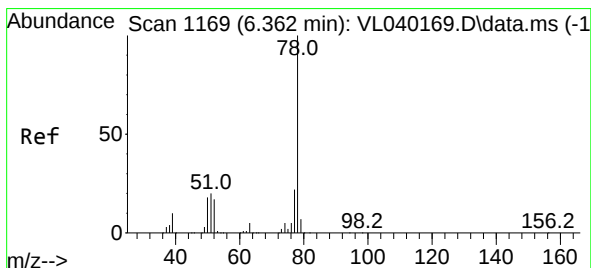
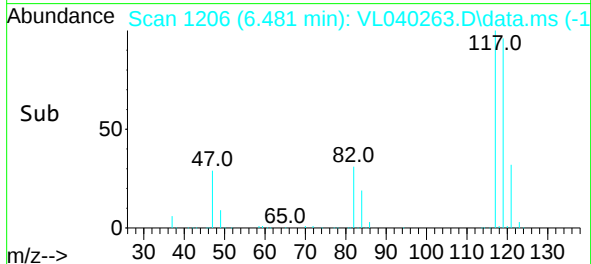
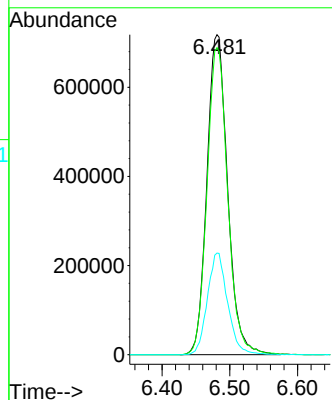
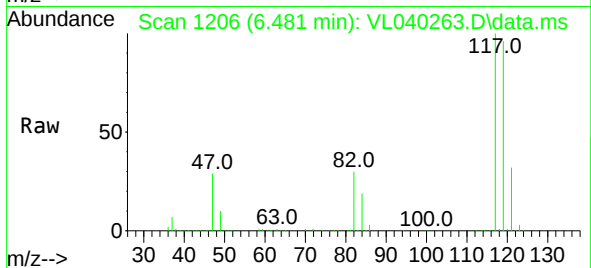




#35
Carbon Tetrachloride
Concen: 11.420 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

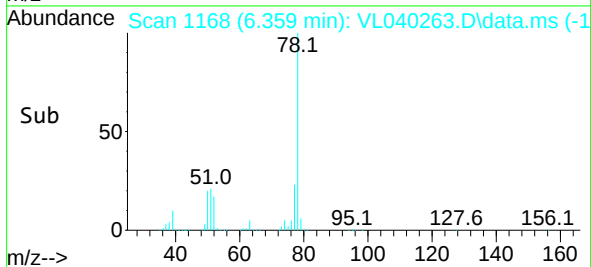
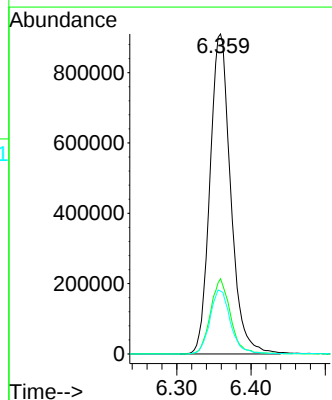
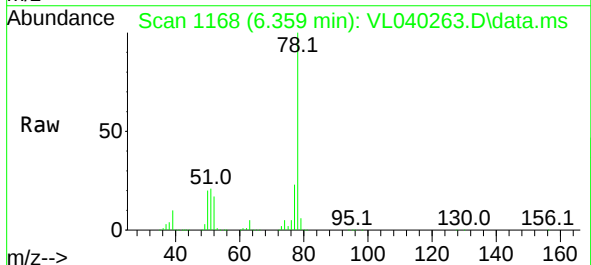
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

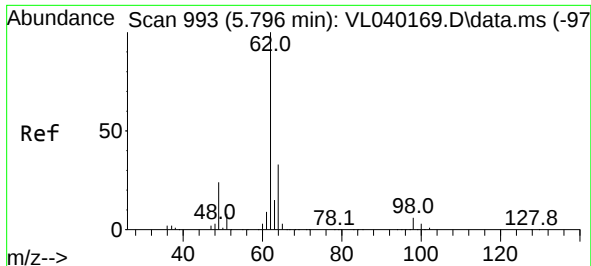
Tgt Ion:117 Resp: 1523828
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 31.8 25.0 37.4



#36
Benzene
Concen: 10.029 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 78 Resp: 1761531
Ion Ratio Lower Upper
78 100
77 23.5 17.5 26.3
50 19.6 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.373 ppbv

RT: 5.796 min Scan# 993

Delta R.T. -0.023 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

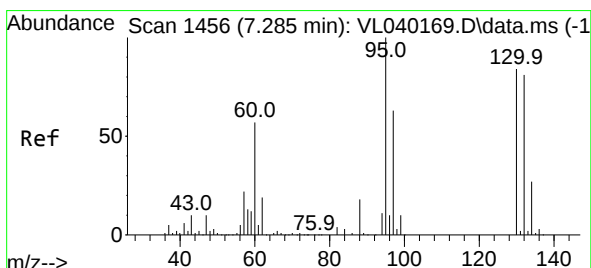
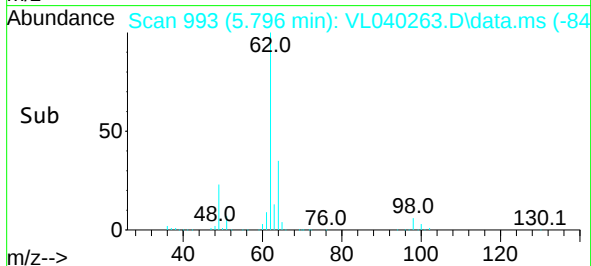
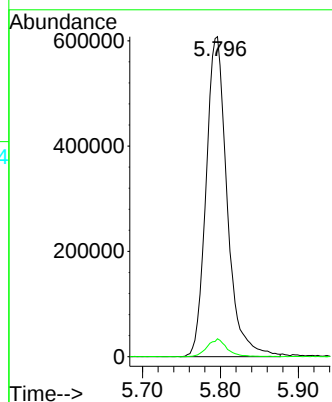
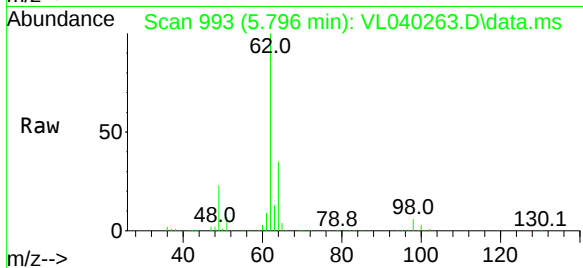
VSTDCCC010EC

Tgt Ion: 62 Resp: 1139543

Ion Ratio Lower Upper

62 100

98 5.3 4.7 7.1



#38

Trichloroethene

Concen: 11.119 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.026 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Tgt Ion:130 Resp: 1076157

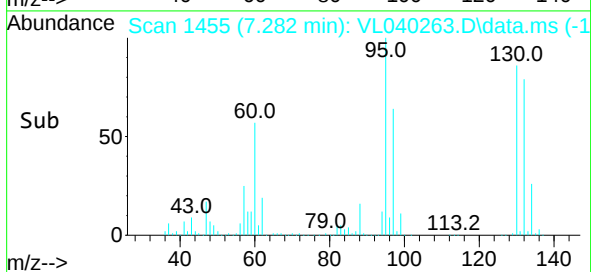
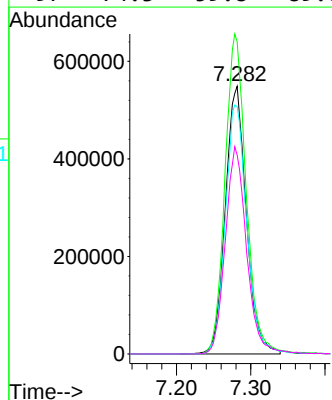
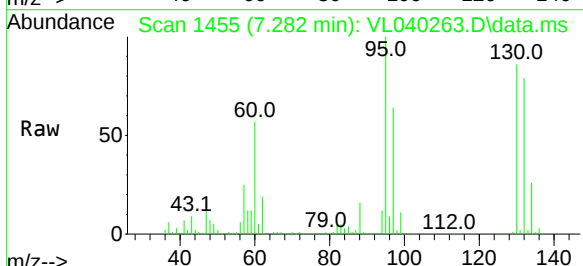
Ion Ratio Lower Upper

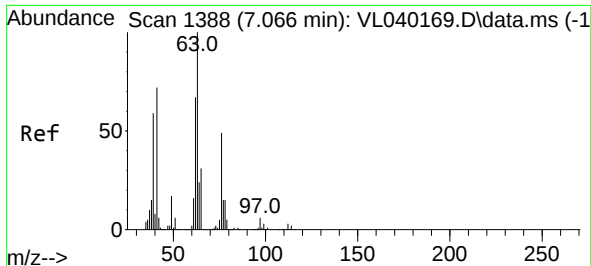
130 100

95 116.6 94.7 142.1

132 92.4 76.4 114.6

97 74.3 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.016 ppbv

RT: 7.063 min Scan# 1

Delta R.T. -0.023 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

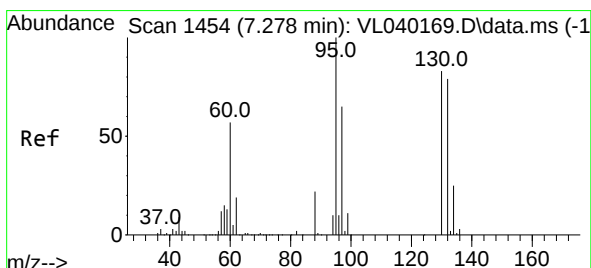
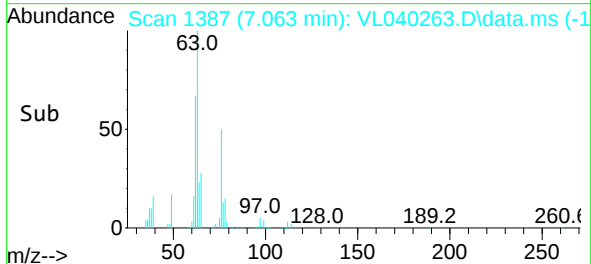
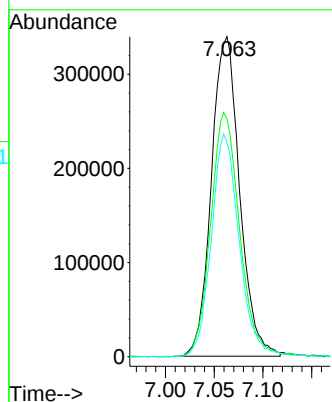
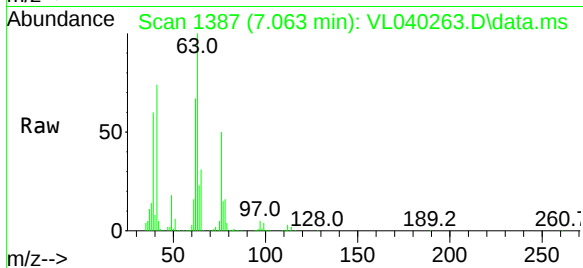
Tgt Ion: 63 Resp: 684392

Ion Ratio Lower Upper

63 100

41 74.4 57.6 86.4

62 66.8 54.0 81.0



#40

1,4-Dioxane

Concen: 9.137 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.029 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Tgt Ion: 88 Resp: 249748

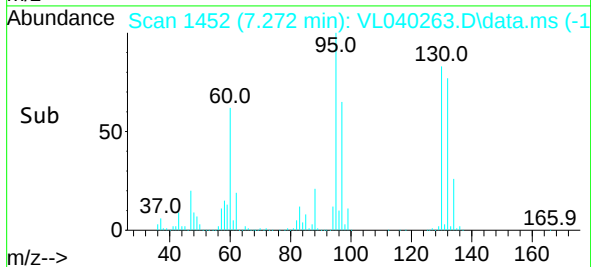
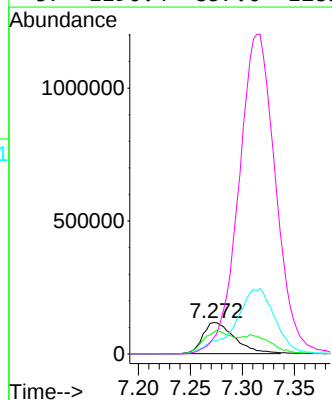
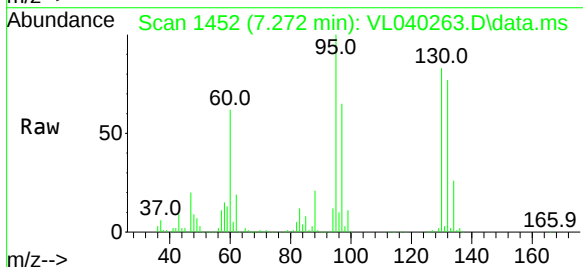
Ion Ratio Lower Upper

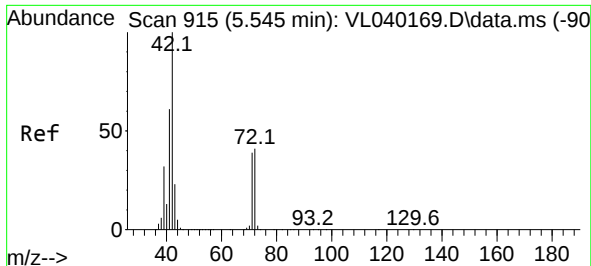
88 100

58 128.3 97.4 146.0

43 268.2 193.5 290.3

57 1190.4 857.0 1285.6

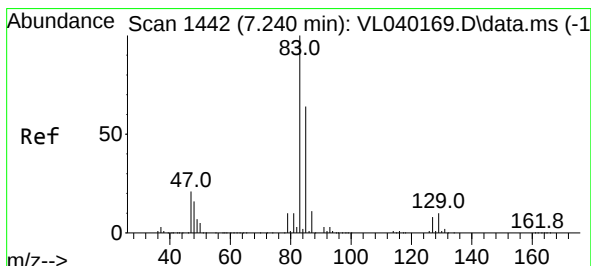
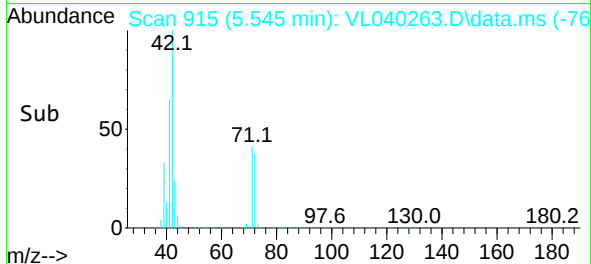
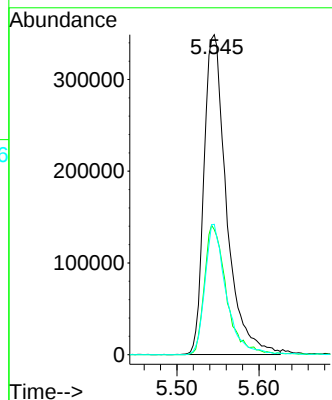
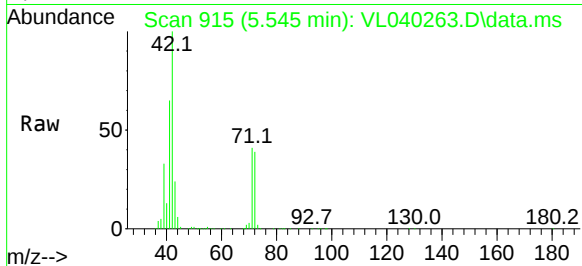




#41
Tetrahydrofuran
Concen: 10.294 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.023 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

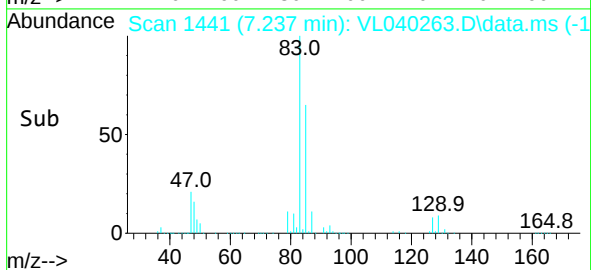
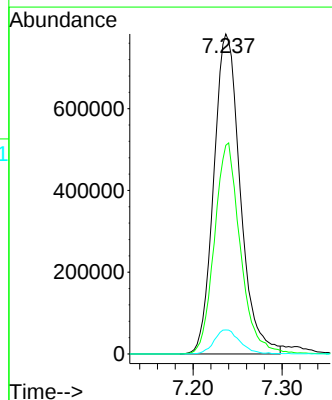
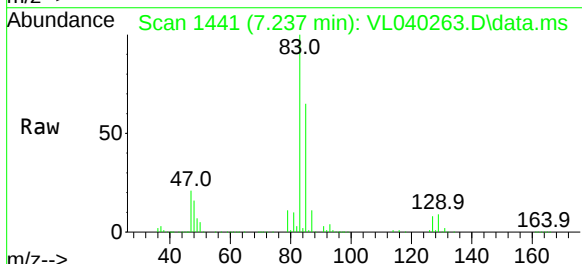
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

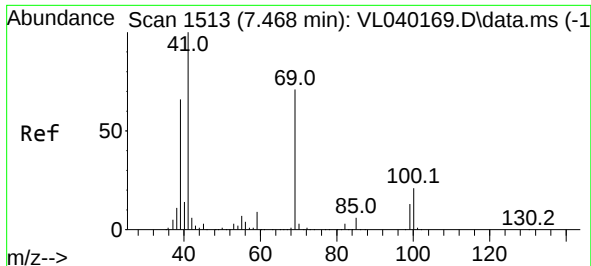
Tgt Ion: 42 Resp: 664214
Ion Ratio Lower Upper
42 100
72 39.8 33.0 49.4
71 39.0 31.4 47.2



#42
Bromodichloromethane
Concen: 10.685 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.026 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 83 Resp: 1620185
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 7.5 6.2 9.2





#43

Methyl Methacrylate

Concen: 10.932 ppbv

RT: 7.462 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

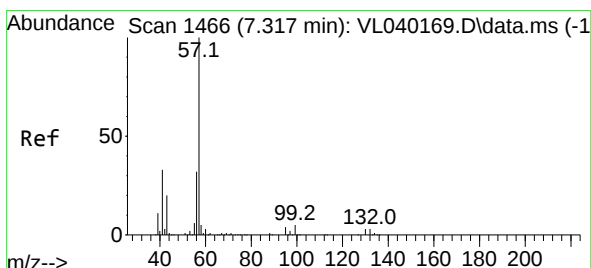
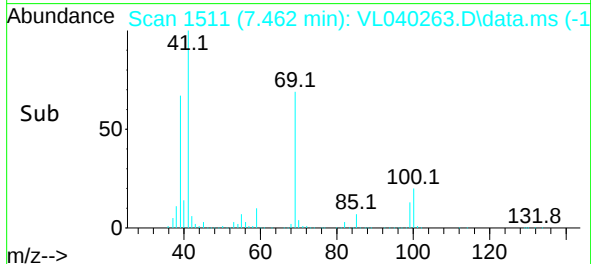
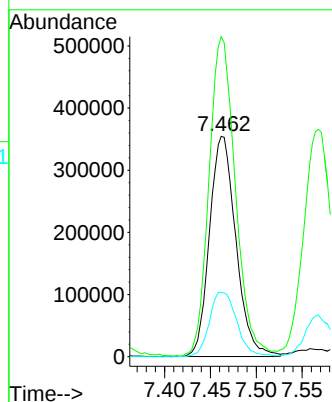
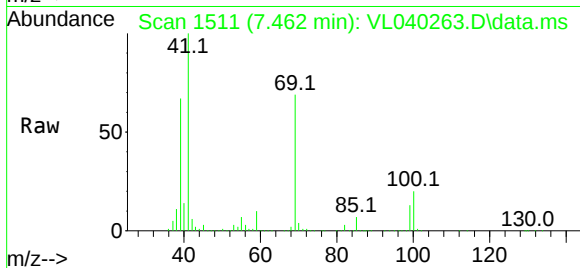
Tgt Ion: 69 Resp: 710507

Ion Ratio Lower Upper

69 100

41 145.1 116.6 174.8

100 30.4 25.6 38.4



#44

2,2,4-Trimethylpentane

Concen: 10.111 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.026 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

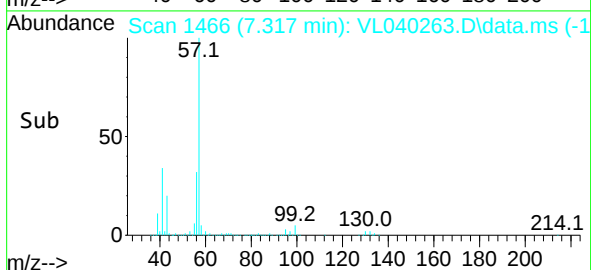
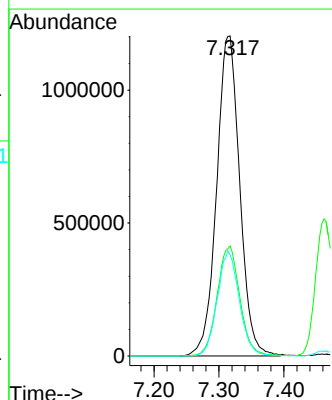
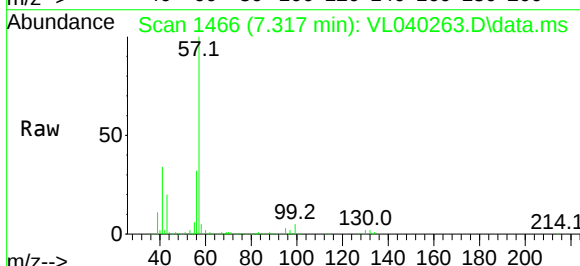
Tgt Ion: 57 Resp: 2964629

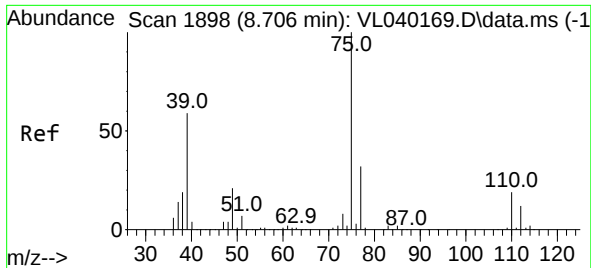
Ion Ratio Lower Upper

57 100

41 33.7 26.2 39.4

56 31.3 24.9 37.3

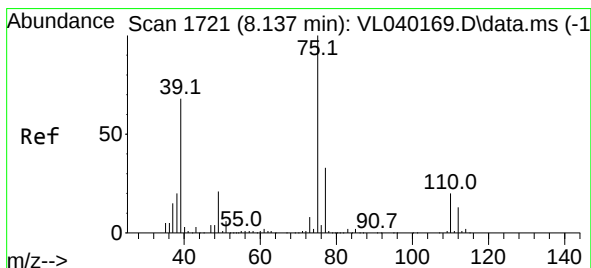
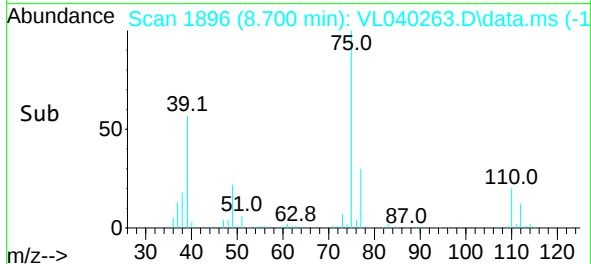
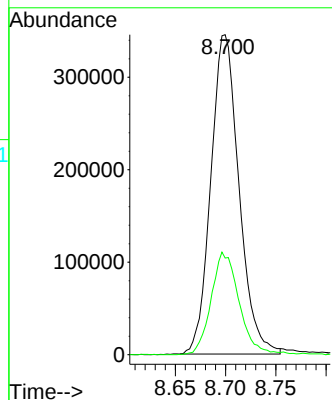
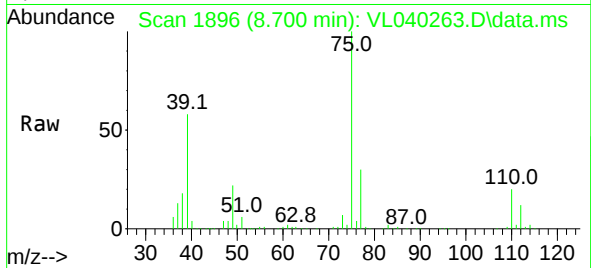




#45
 t-1,3-Dichloropropene
 Concen: 11.694 ppbv
 RT: 8.700 min Scan# 1718
 Delta R.T. -0.029 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

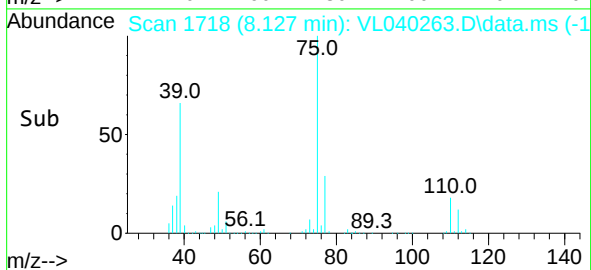
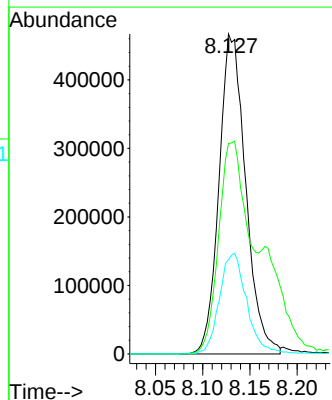
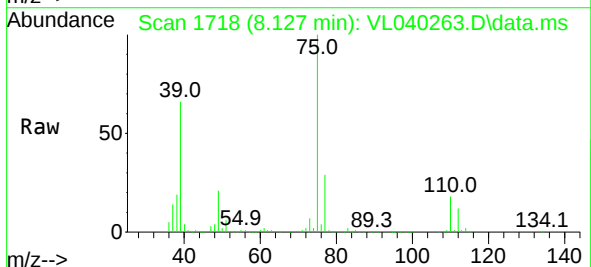
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

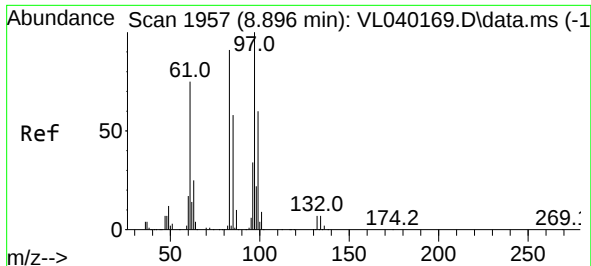
Tgt Ion: 75 Resp: 674184
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 11.381 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. -0.032 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 75 Resp: 914119
 Ion Ratio Lower Upper
 75 100
 39 65.7 54.2 81.2
 77 29.5 26.0 39.0

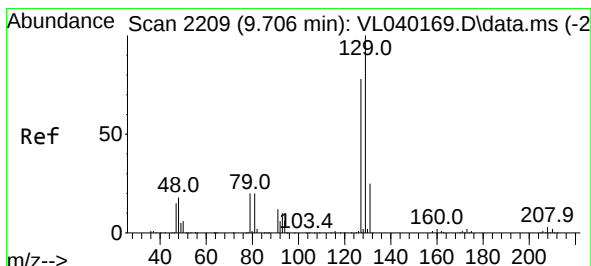
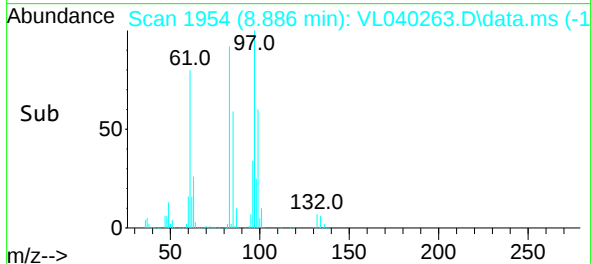
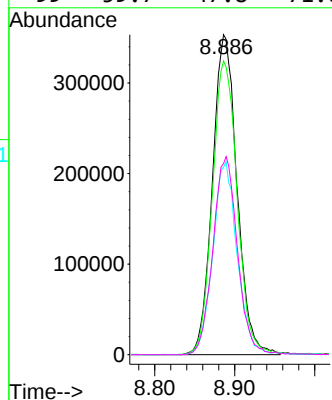
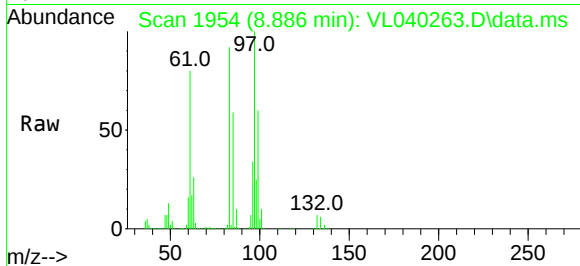




#47
1,1,2-Trichloroethane
Concen: 10.176 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

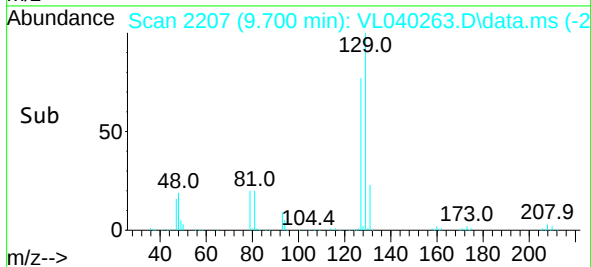
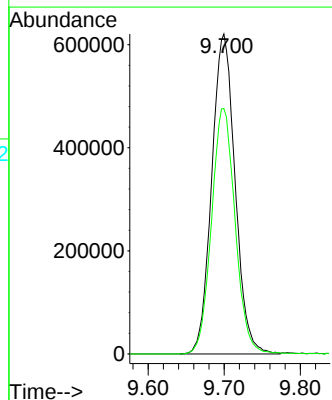
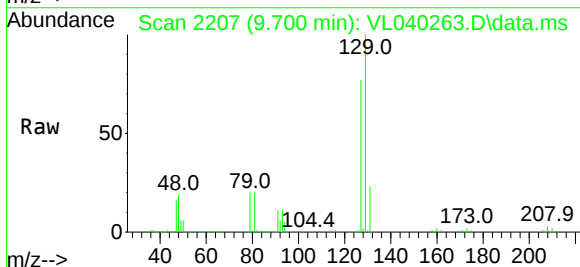
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

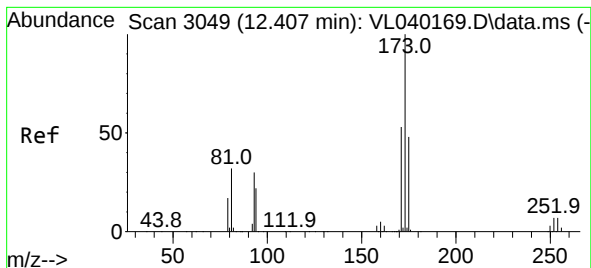
Tgt Ion: 97 Resp: 752061
Ion Ratio Lower Upper
97 100
83 91.7 72.8 109.2
85 58.6 46.6 69.8
99 59.7 47.8 71.6



#48
Dibromochloromethane
Concen: 11.211 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 129 Resp: 1325286
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#49

Bromoform

Concen: 11.362 ppbv

RT: 12.397 min Scan# 3049

Delta R.T. -0.032 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

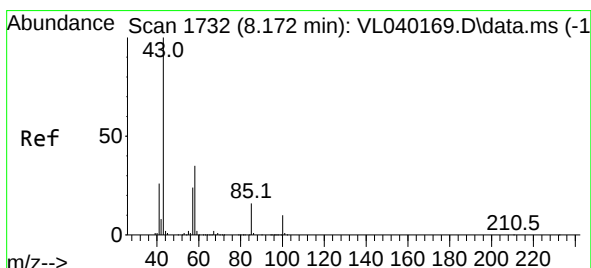
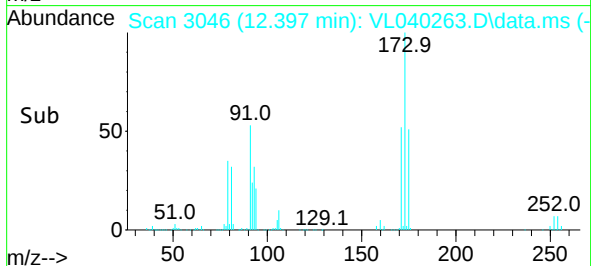
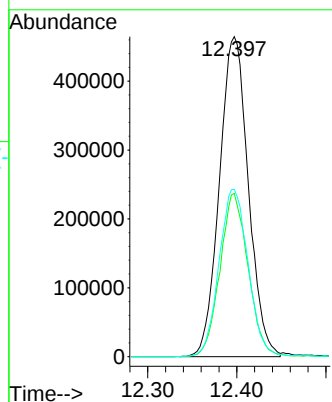
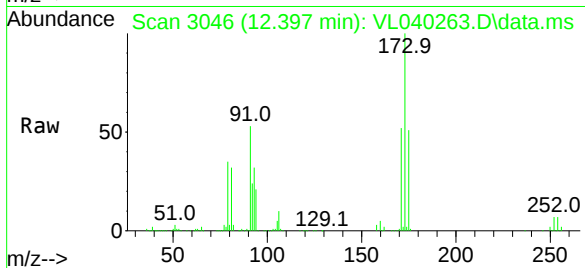
Tgt Ion:173 Resp: 1048343

Ion Ratio Lower Upper

173 100

175 50.0 39.4 59.0

171 53.0 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 10.768 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.026 min

Lab File: VL040263.D

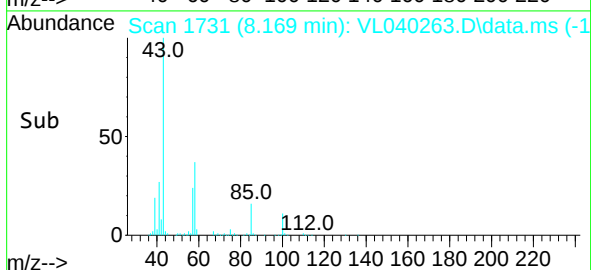
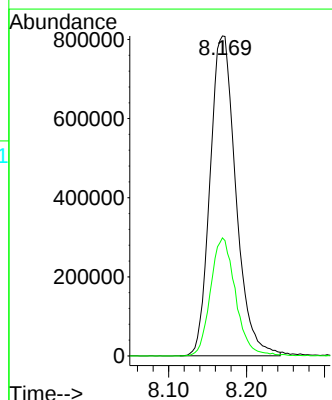
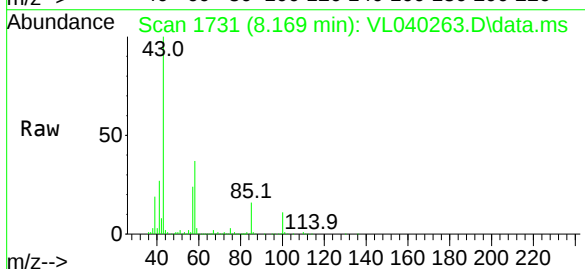
Acq: 8 Mar 2023 20:43

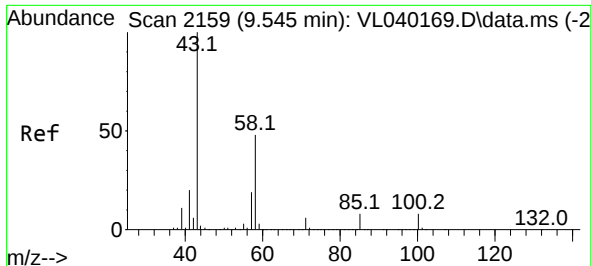
Tgt Ion: 43 Resp: 1861534

Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8

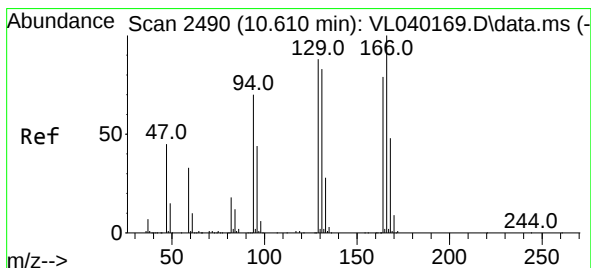
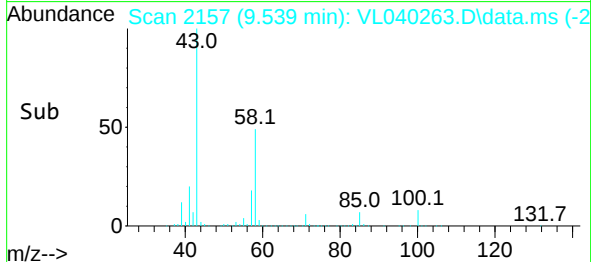
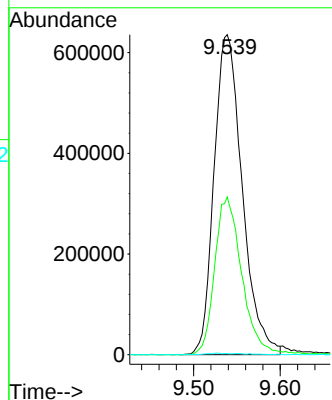
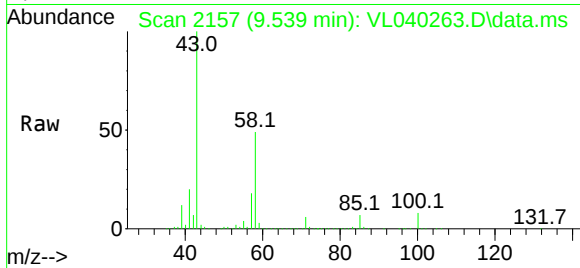




#51
2-Hexanone
Concen: 10.786 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

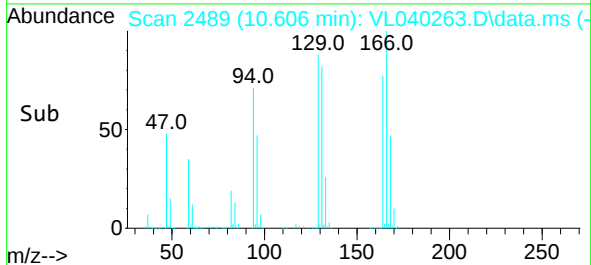
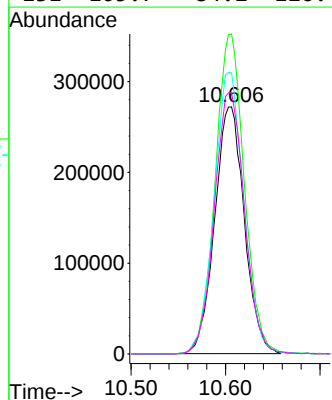
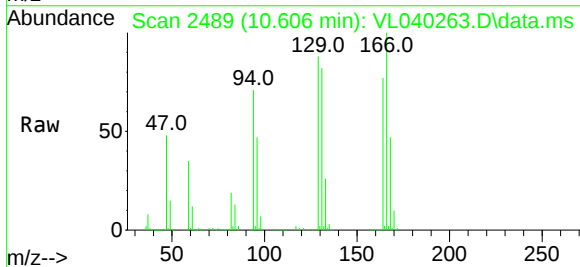
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

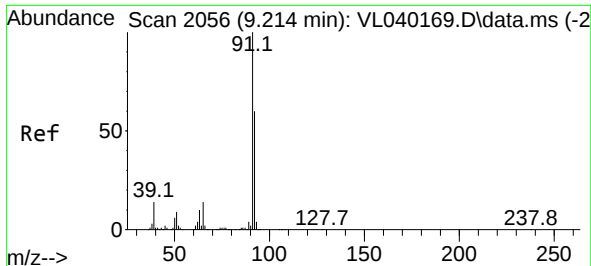
Tgt Ion: 43 Resp: 1433987
Ion Ratio Lower Upper
43 100
58 47.8 39.1 58.7
98 0.6 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.787 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:164 Resp: 591665
Ion Ratio Lower Upper
164 100
166 129.3 101.5 152.3
129 113.7 89.0 133.4
131 105.7 84.2 126.4

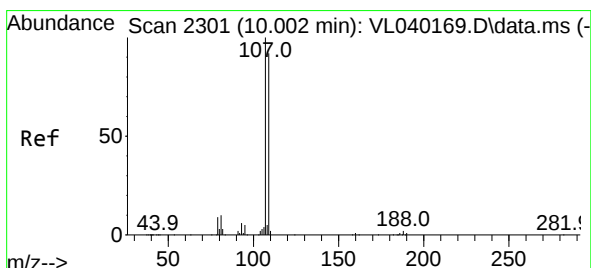
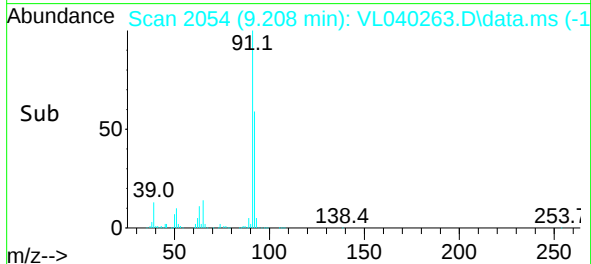
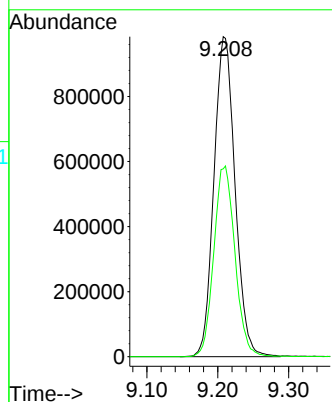
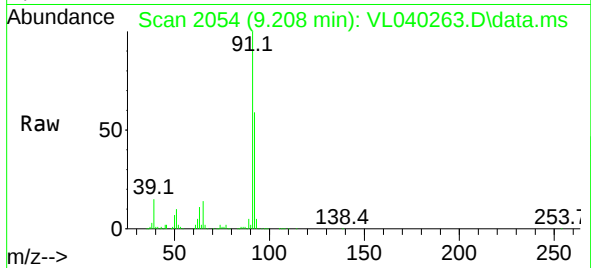




#53
Toluene
Concen: 10.833 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

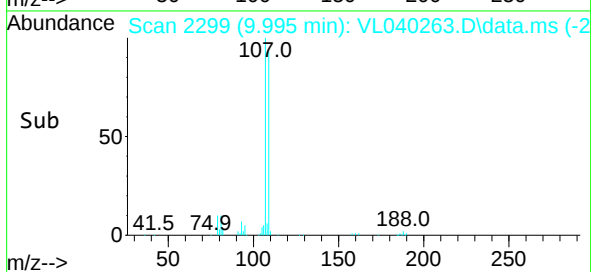
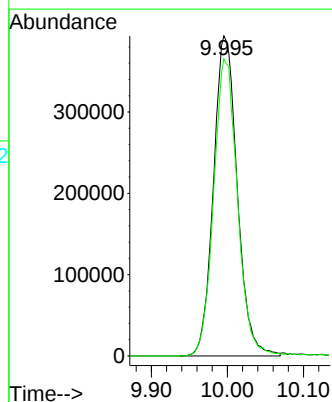
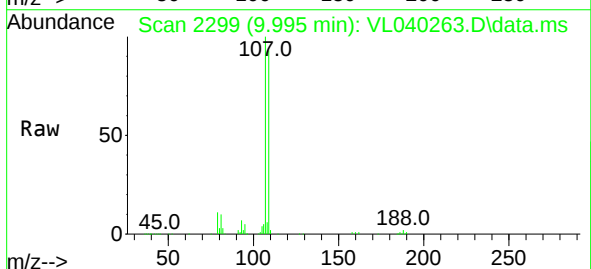
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

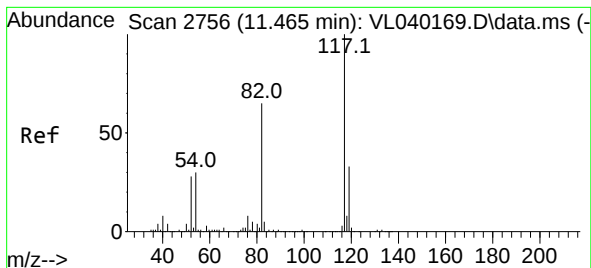
Tgt Ion: 91 Resp: 2038020
Ion Ratio Lower Upper
91 100
92 59.8 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.089 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 107 Resp: 852673
Ion Ratio Lower Upper
107 100
109 92.8 73.8 110.8

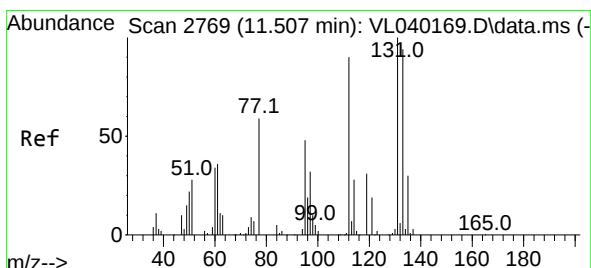
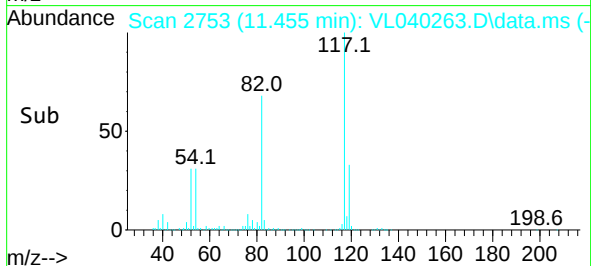
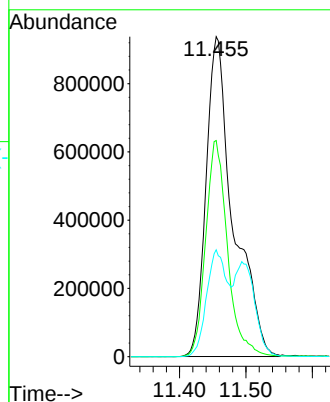
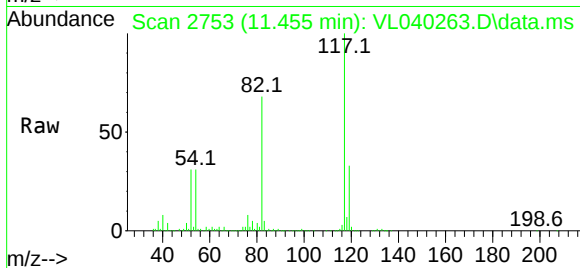




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

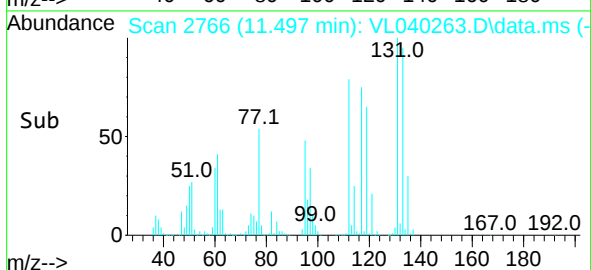
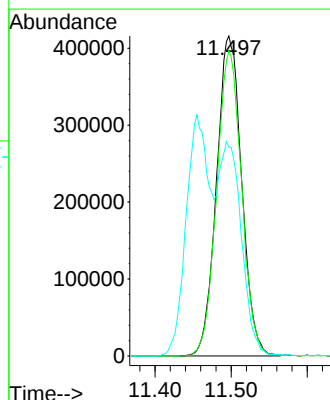
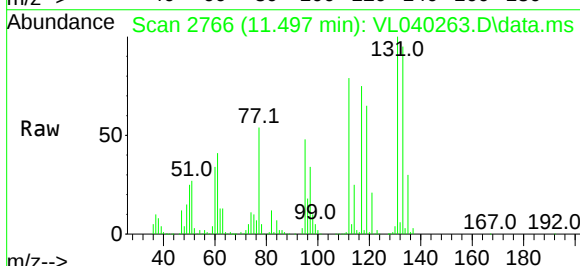
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

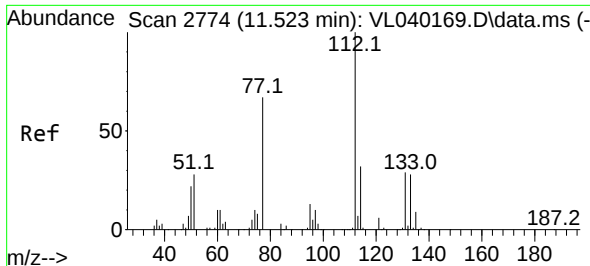
Tgt Ion:117 Resp: 2664857
Ion Ratio Lower Upper
117 100
82 54.4 53.3 79.9
119 27.1 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 8.522 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:131 Resp: 953264
Ion Ratio Lower Upper
131 100
133 94.8 76.2 114.2
119 58.2 45.4 68.0

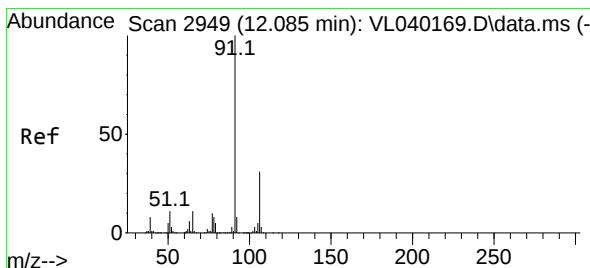
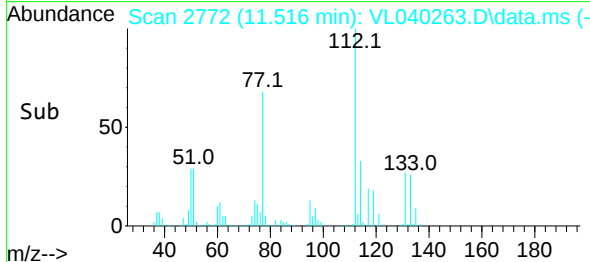
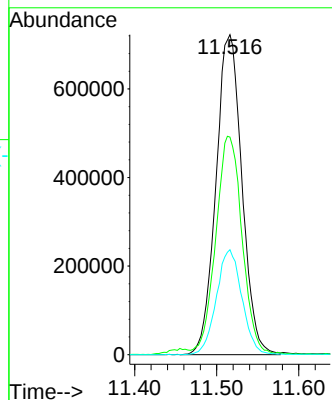
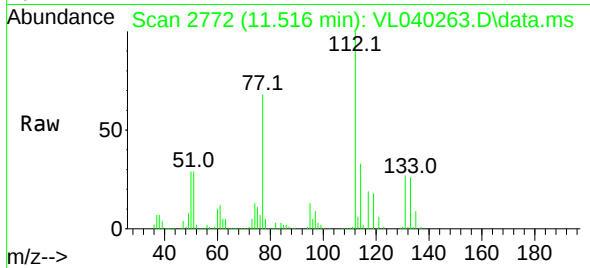




#57
Chlorobenzene
Concen: 8.188 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

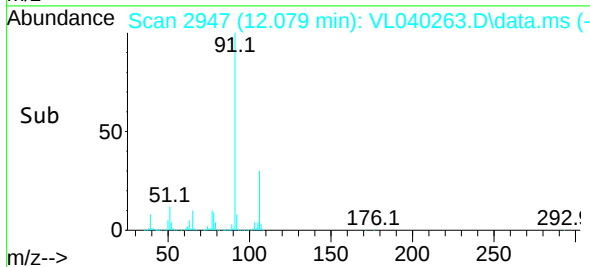
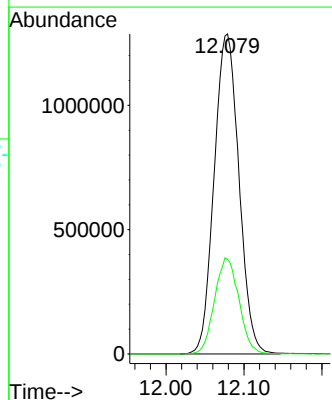
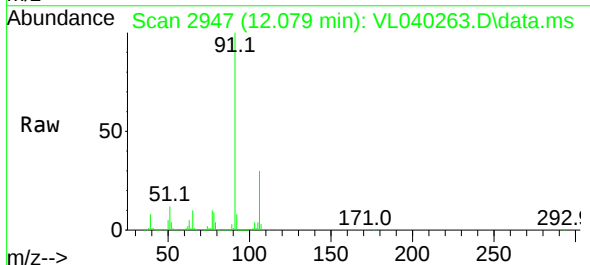
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

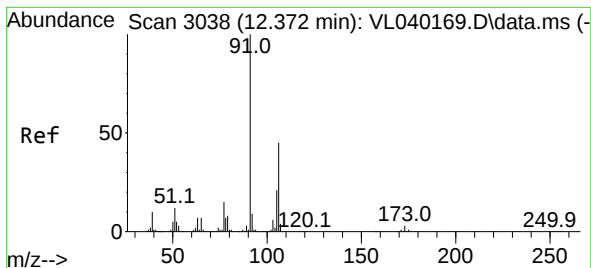
Tgt Ion:112 Resp: 1594136
Ion Ratio Lower Upper
112 100
77 67.4 55.0 82.4
114 32.7 29.0 35.4



#58
Ethyl Benzene
Concen: 8.785 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 91 Resp: 2844554
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

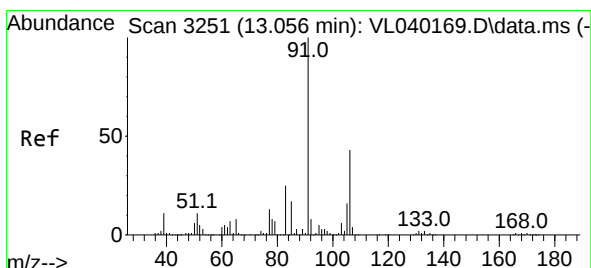
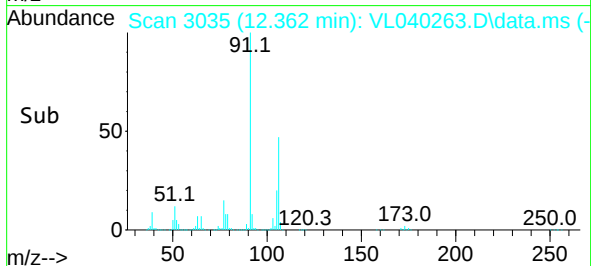
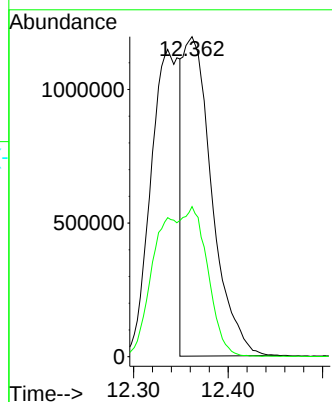
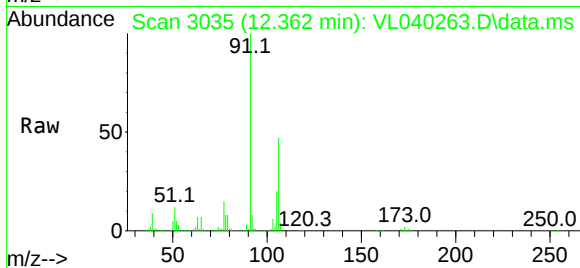




#59
m/p-Xylene
Concen: 8.891 ppbv
RT: 12.362 min Scan# 3038
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

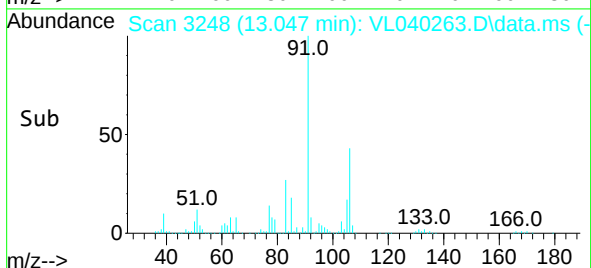
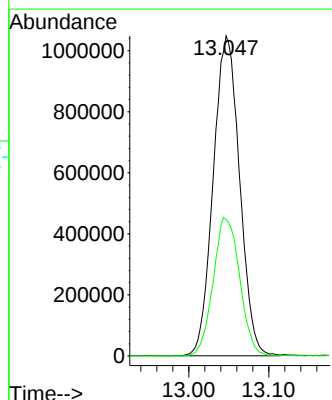
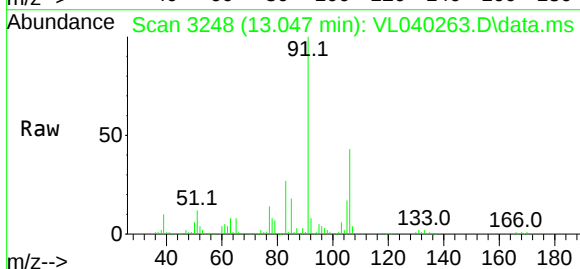
Instrument :
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ClientSampleId :
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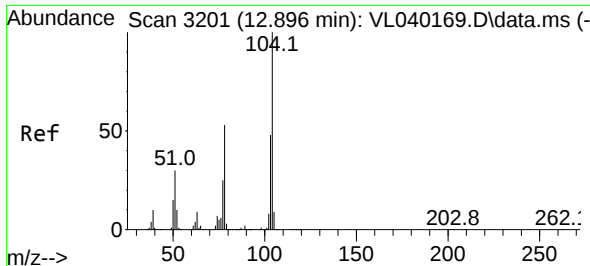
Tgt Ion: 91 Resp: 2549592
Ion Ratio Lower Upper
91 100
106 83.4 34.6 51.8#



#60
o-Xylene
Concen: 8.680 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 91 Resp: 2395039
Ion Ratio Lower Upper
91 100
106 43.6 21.6 65.0

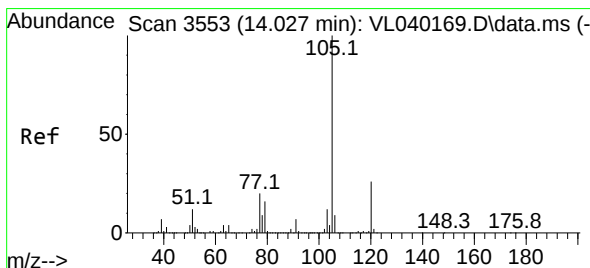
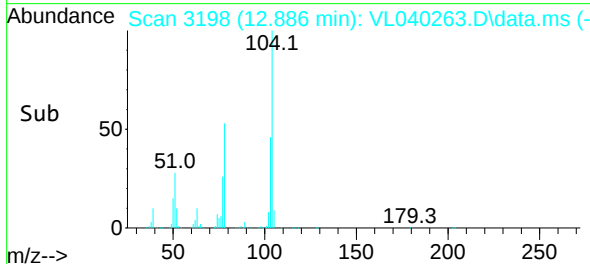
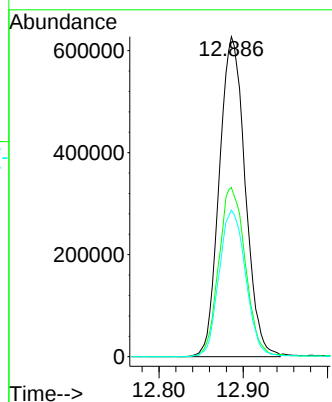
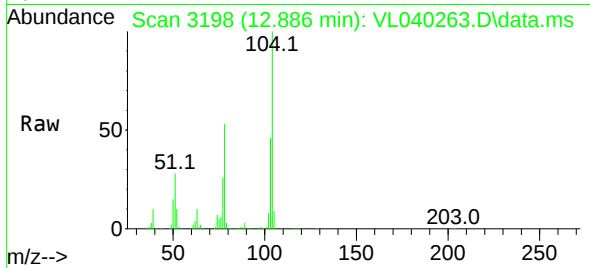




#61
Styrene
Concen: 9.212 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

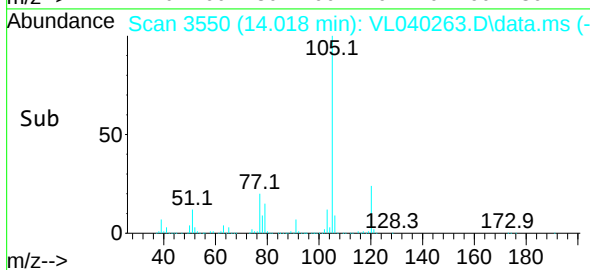
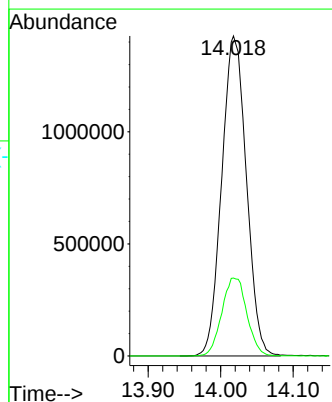
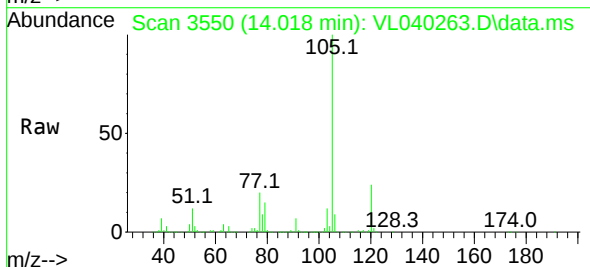
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

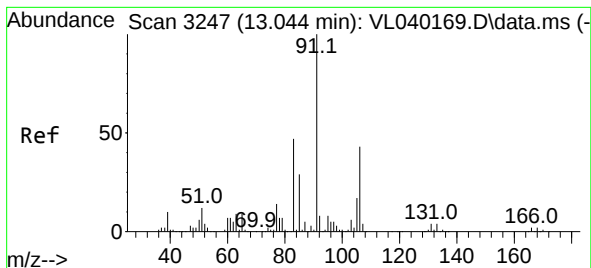
Tgt Ion:104 Resp: 1334609
Ion Ratio Lower Upper
104 100
78 54.5 42.3 63.5
103 47.2 37.5 56.3



#62
Isopropylbenzene
Concen: 8.507 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:105 Resp: 3369477
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5

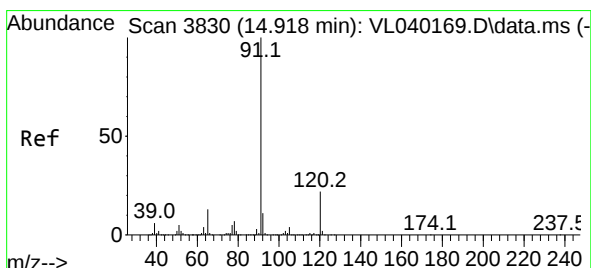
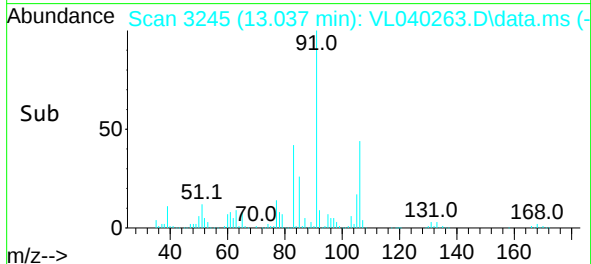
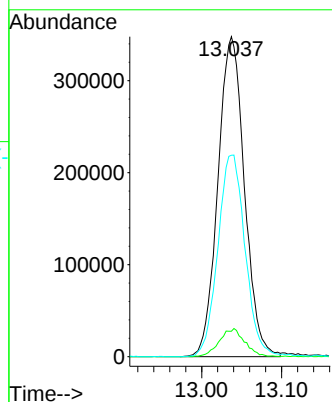
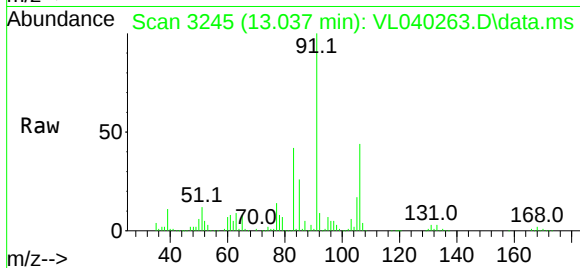




#63
1,1,2,2-Tetrachloroethane
Concen: 8.058 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

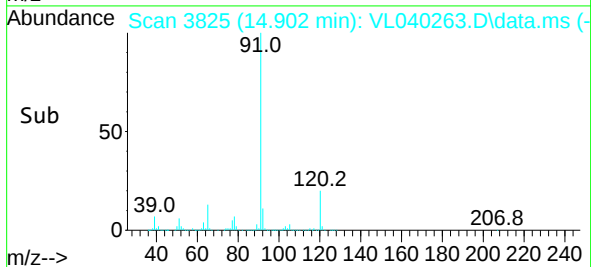
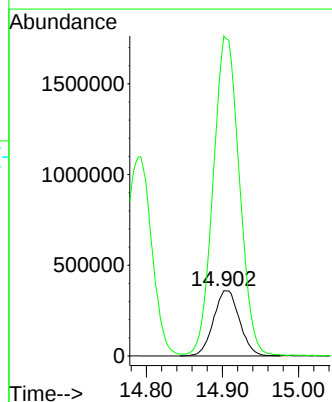
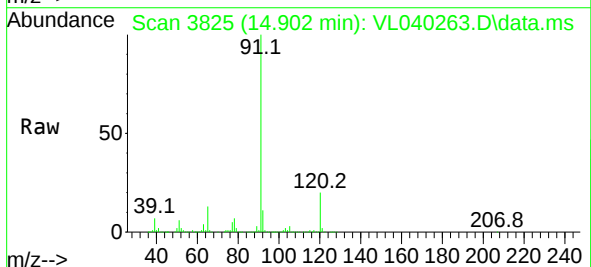
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

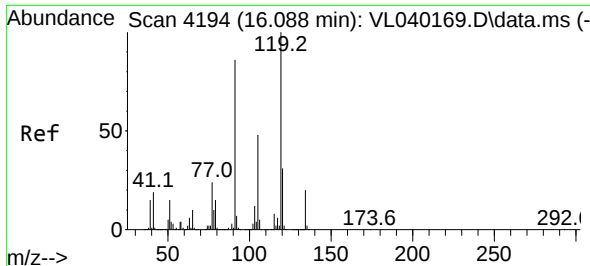
Tgt Ion: 83 Resp: 801298
Ion Ratio Lower Upper
83 100
131 8.5 4.4 13.2
85 65.0 33.0 99.0



#64
n-propylbenzene
Concen: 8.712 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:120 Resp: 854011
Ion Ratio Lower Upper
120 100
91 496.3 389.8 584.8

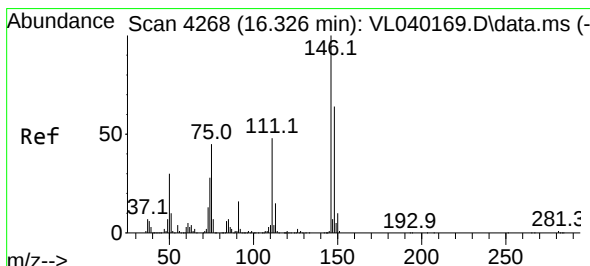
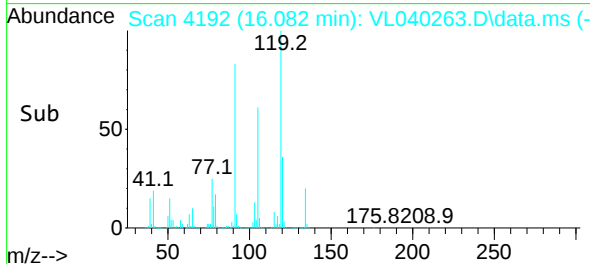
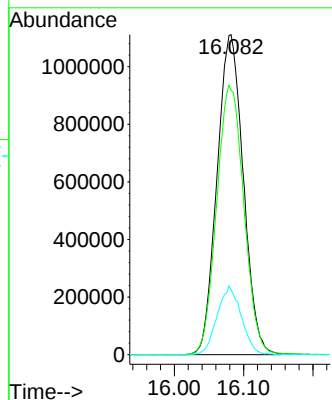
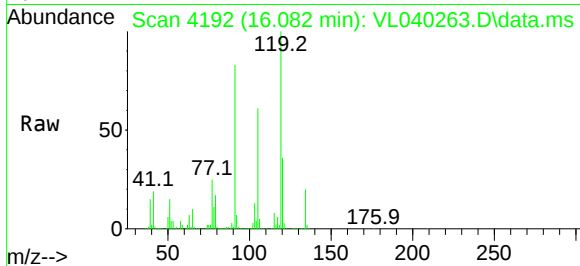




#65
tert-Butylbenzene
Concen: 8.505 ppbv
RT: 16.082 min Scan# 4194
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

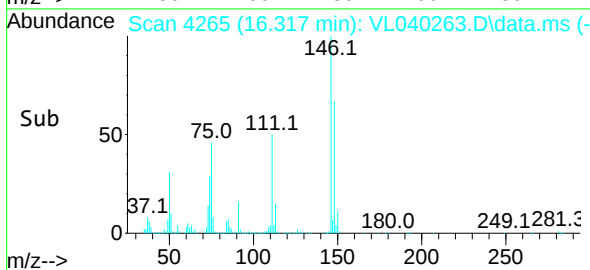
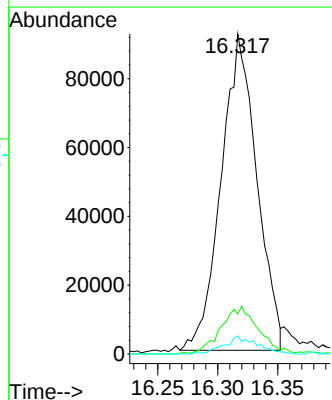
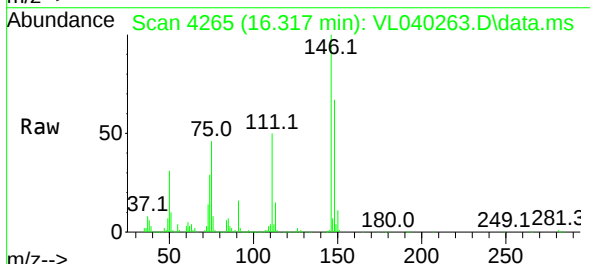
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

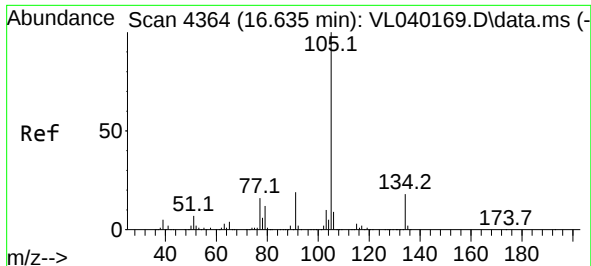
Tgt Ion:119 Resp: 2928258
Ion Ratio Lower Upper
119 100
91 87.3 68.6 102.8
134 19.8 15.9 23.9



#66
Benzyl Chloride
Concen: 8.310 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 91 Resp: 190395
Ion Ratio Lower Upper
91 100
126 16.3 13.1 19.7
128 5.2 4.1 6.1

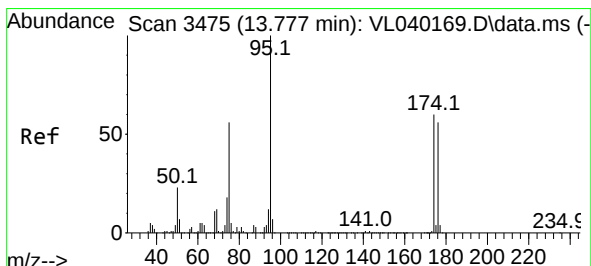
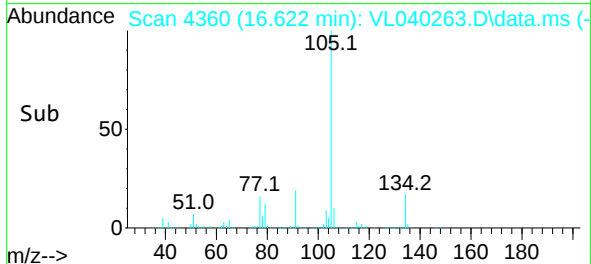
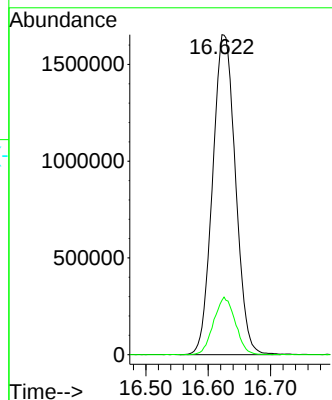
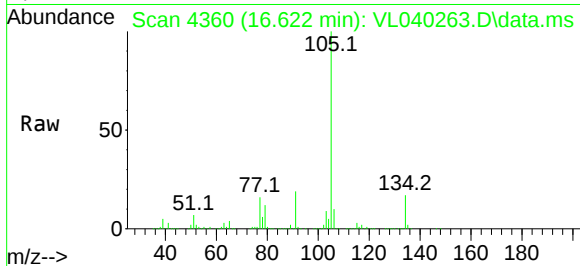




#67
 sec-Butylbenzene
 Concen: 8.526 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

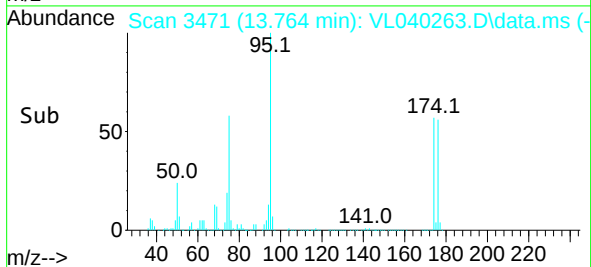
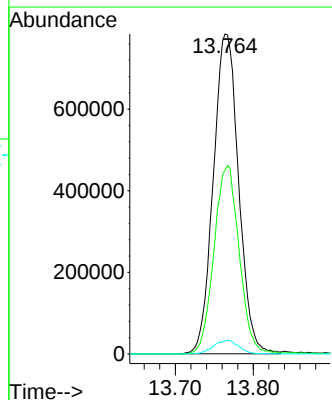
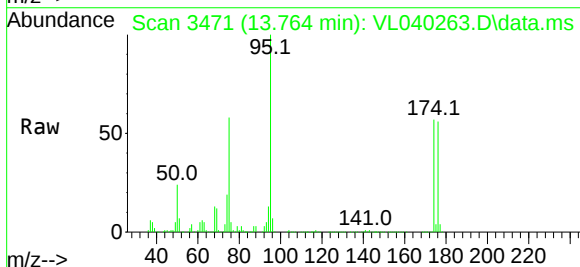
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

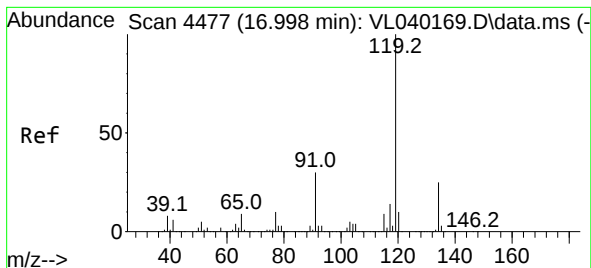
Tgt Ion:105 Resp: 4209675
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.074 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.032 min
 Lab File: VL040263.D
 Acq: 8 Mar 2023 20:43

Tgt Ion: 95 Resp: 1769213
 Ion Ratio Lower Upper
 95 100
 174 59.1 48.2 72.2
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.441 ppbv

RT: 16.985 min Scan# 4477

Delta R.T. -0.032 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

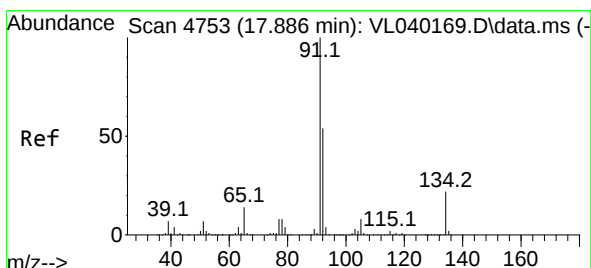
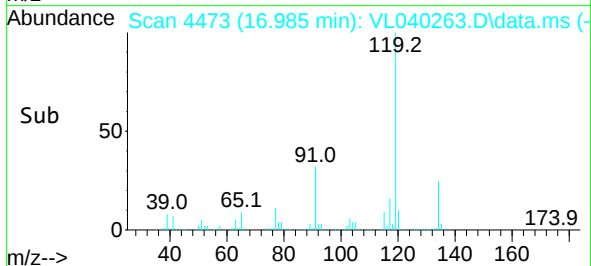
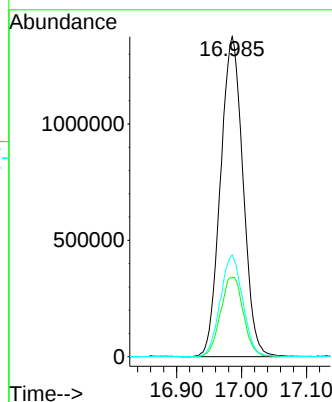
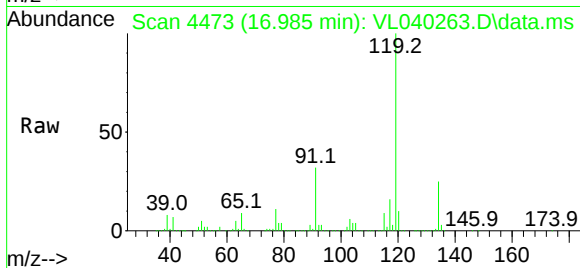
Tgt Ion:119 Resp: 3304132

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.2

91 31.6 24.7 37.1



#70

n-Butylbenzene

Concen: 8.484 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. -0.032 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

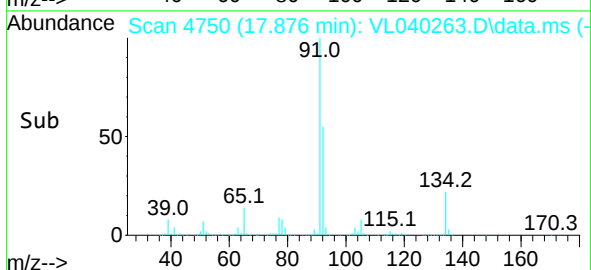
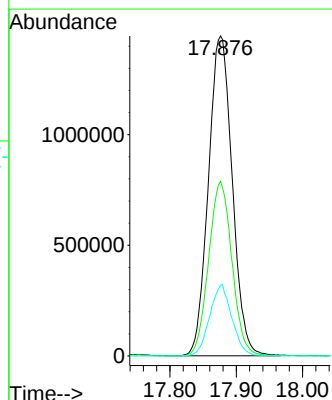
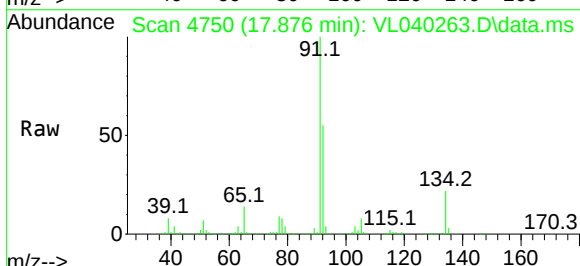
Tgt Ion: 91 Resp: 3604688

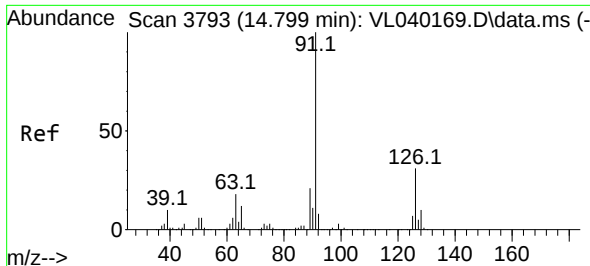
Ion Ratio Lower Upper

91 100

92 53.5 43.0 64.6

134 20.9 16.9 25.3

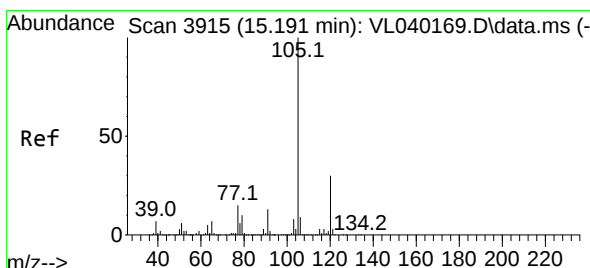
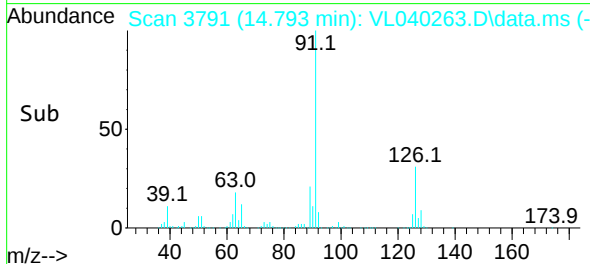
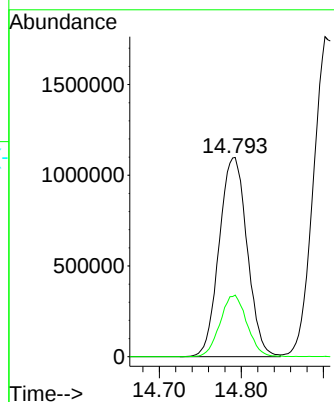
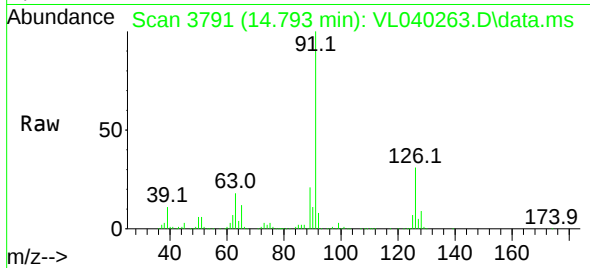




#71
2-Chlorotoluene
Concen: 8.599 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

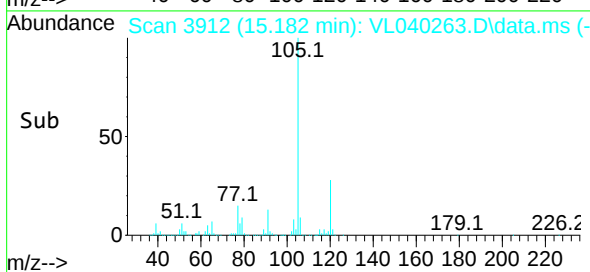
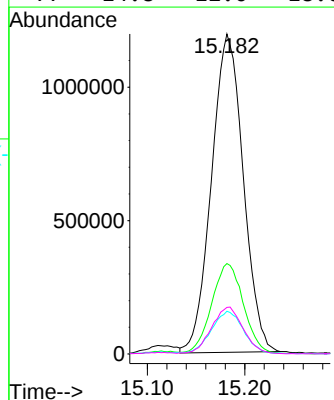
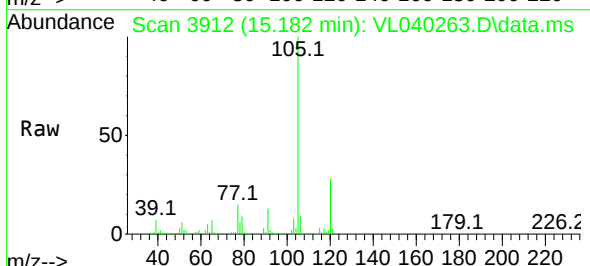
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

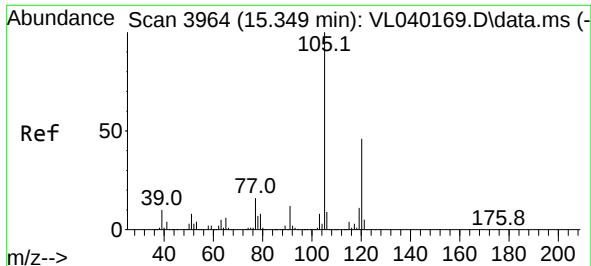
Tgt Ion: 91 Resp: 2605008
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2



#72
4-Ethyltoluene
Concen: 8.853 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.035 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion: 105 Resp: 2700422
Ion Ratio Lower Upper
105 100
120 29.5 23.2 34.8
91 14.4 11.3 16.9
77 14.8 12.0 18.0

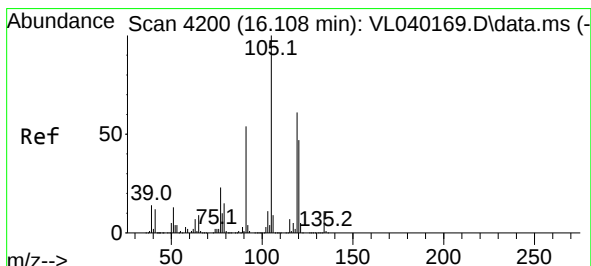
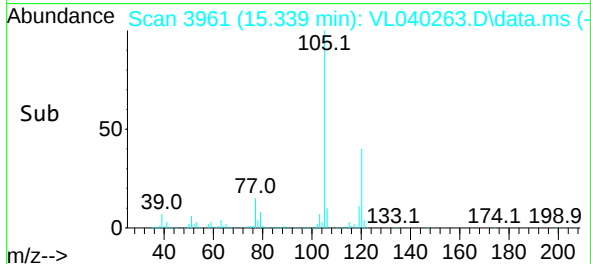
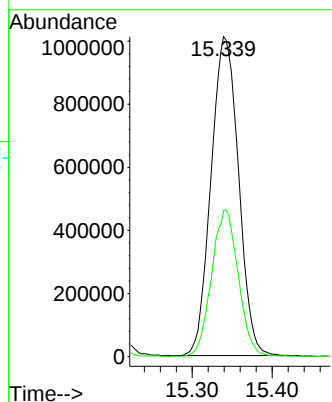
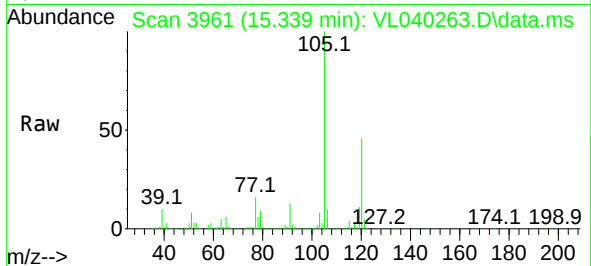




#73
1,3,5-Trimethylbenzene
Concen: 8.505 ppbv
RT: 15.339 min Scan# 3964
Delta R.T. -0.039 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

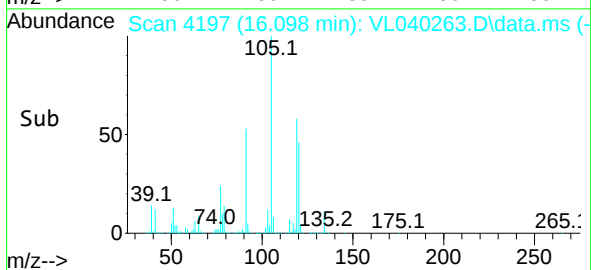
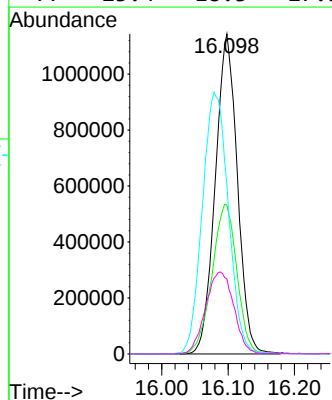
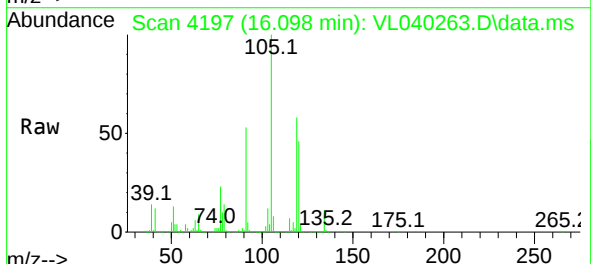
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

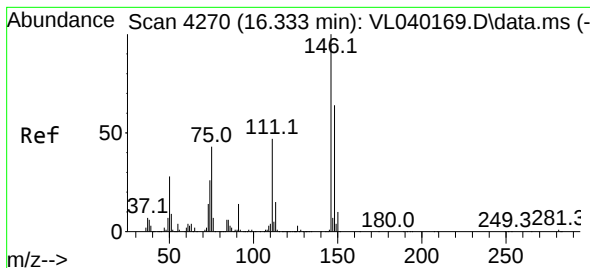
Tgt Ion:105 Resp: 2414114
Ion Ratio Lower Upper
105 100
120 45.8 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 8.495 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.032 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:105 Resp: 2648440
Ion Ratio Lower Upper
105 100
120 46.4 37.9 56.9
91 52.7 43.7 65.5
77 23.4 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 8.270 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.035 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

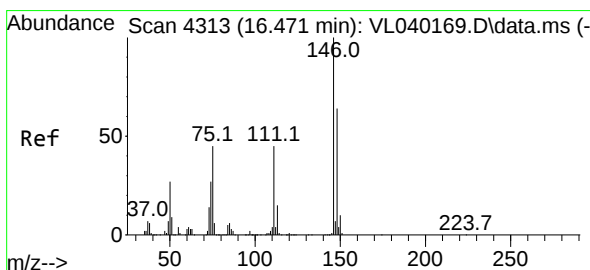
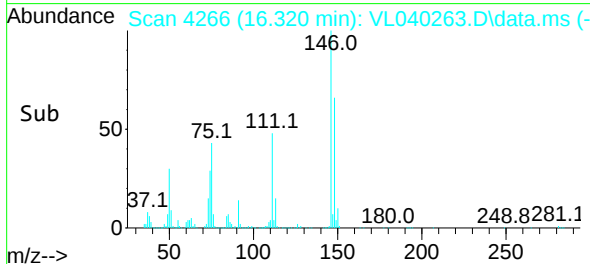
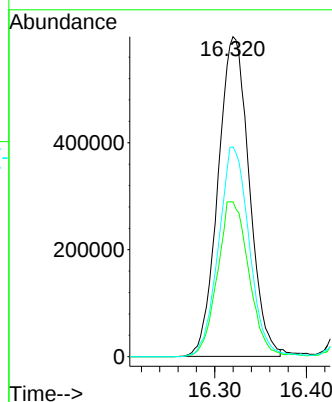
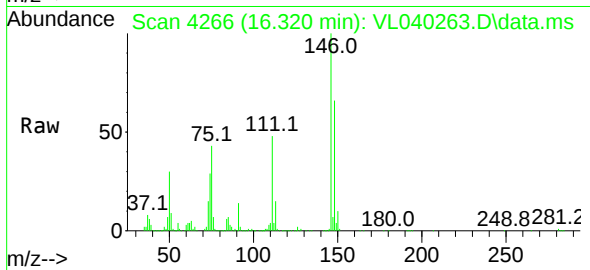
Tgt Ion:146 Resp: 1410966

Ion Ratio Lower Upper

146 100

111 49.3 23.9 71.8

148 64.6 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.293 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. -0.035 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

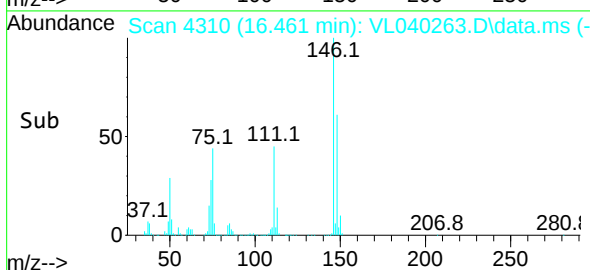
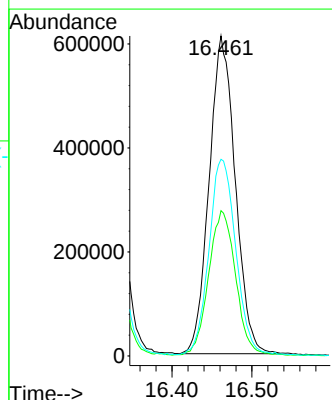
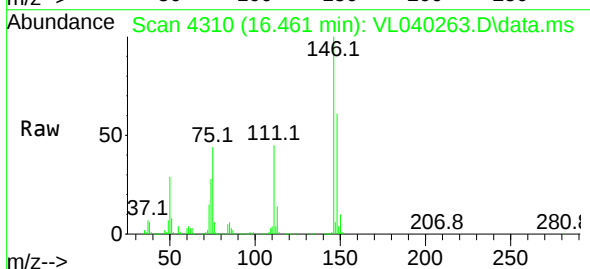
Tgt Ion:146 Resp: 1386619

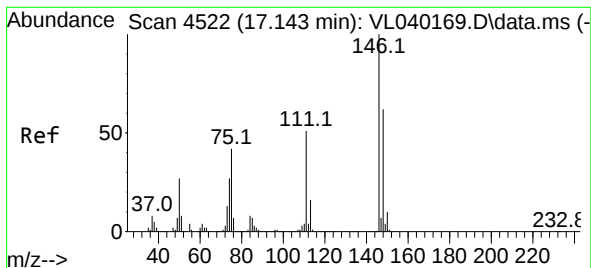
Ion Ratio Lower Upper

146 100

111 47.0 23.5 70.5

148 64.8 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 7.965 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. -0.035 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

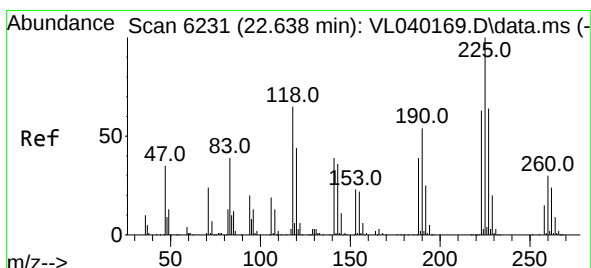
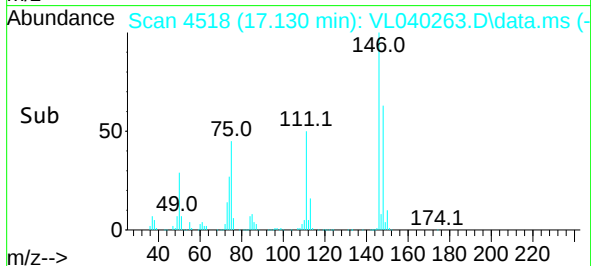
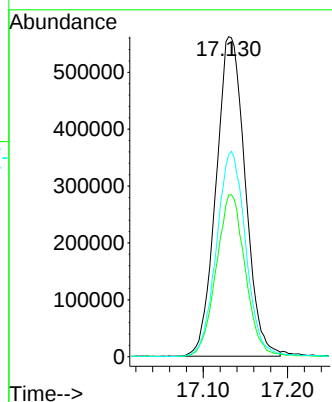
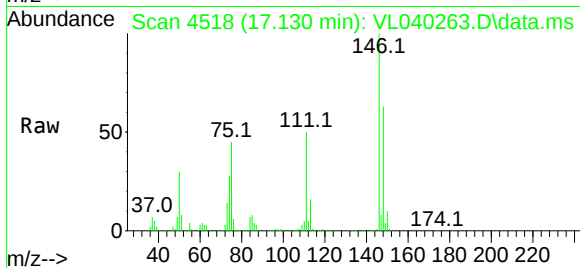
Tgt Ion:146 Resp: 1349978

Ion Ratio Lower Upper

146 100

111 51.1 25.3 75.8

148 64.8 32.0 96.2



#78

Hexachloro-1,3-Butadiene

Concen: 7.211 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.035 min

Lab File: VL040263.D

Acq: 8 Mar 2023 20:43

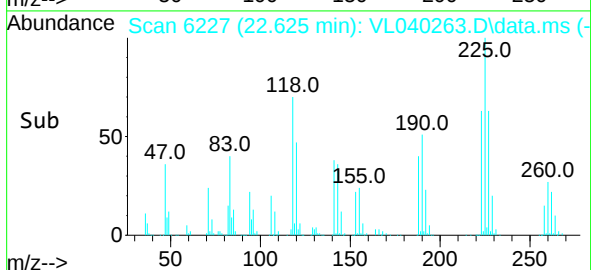
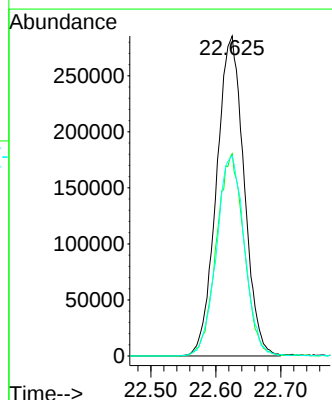
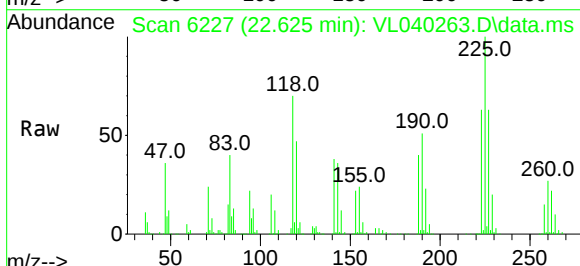
Tgt Ion:225 Resp: 839600

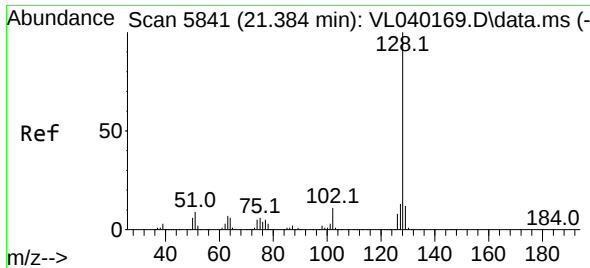
Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

227 63.7 51.2 76.8

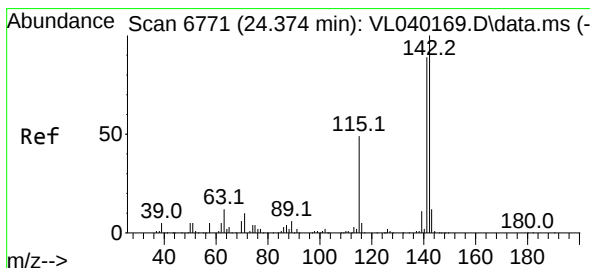
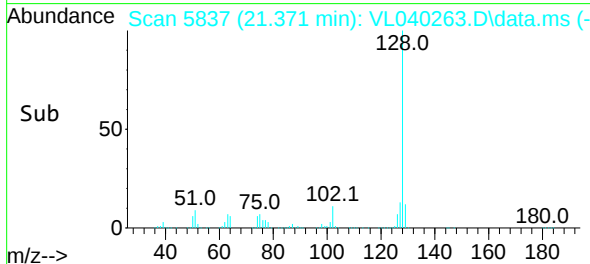
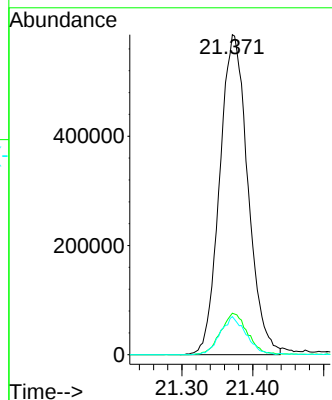
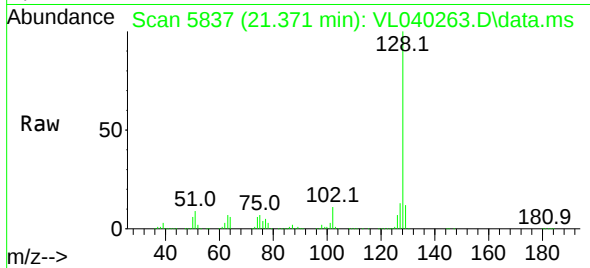




#79
Naphthalene
Concen: 9.242 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.039 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

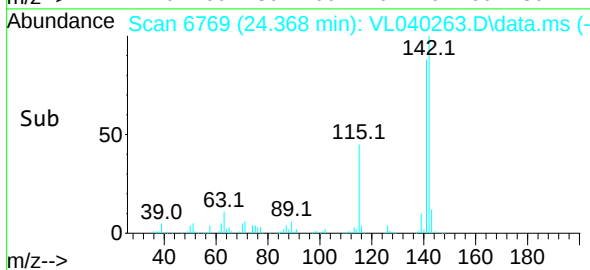
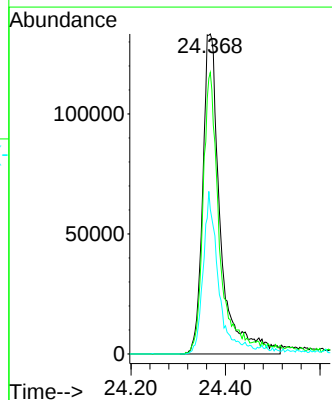
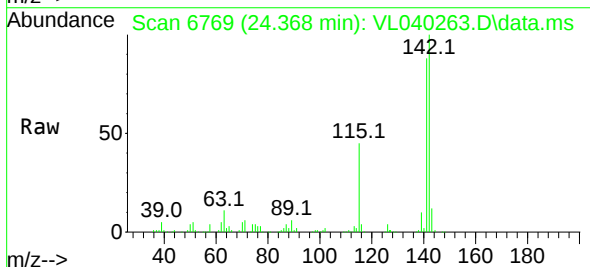
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

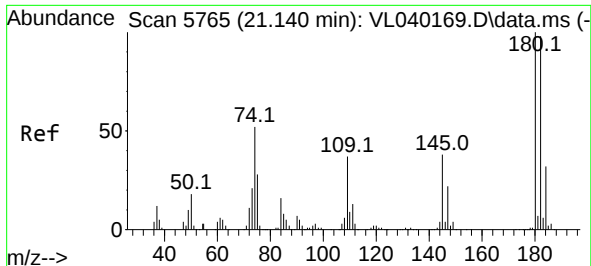
Tgt Ion:128 Resp: 1618837
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.9 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 6.966 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.029 min
Lab File: VL040263.D
Acq: 8 Mar 2023 20:43

Tgt Ion:142 Resp: 346957
Ion Ratio Lower Upper
142 100
141 83.0 67.3 100.9
115 43.9 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 8.191 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.039 min

Lab File: VL040263.D

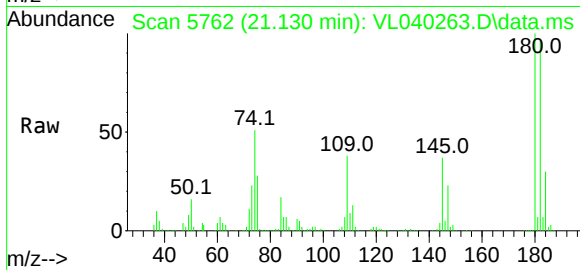
Acq: 8 Mar 2023 20:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 897824

Ion Ratio Lower Upper

180 100

182 96.1 79.0 118.6

184 30.6 24.6 36.8

