

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040720.D
 Acq On : 27 Sep 2023 8:57
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Sep 28 01:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1296358	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.632	114	3563524	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	4069959	10.000	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2404764	7.648	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	76.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.723	85	2497041	8.742	ppbv	100
3) Chlorodifluoromethane	2.668	51	1908217	9.036	ppbv	95
4) Chloromethane	2.806	50	773195	9.563	ppbv	97
5) Vinyl Chloride	2.912	62	851396	8.910	ppbv	96
6) Bromomethane	3.108	94	419233	9.093	ppbv	98
7) Chloroethane	3.186	64	303520	9.248	ppbv	96
8) Dichlorotetrafluoroethane	2.851	85	2050736	8.697	ppbv	100
9) Propene	2.687	41	617403	10.148	ppbv	96
10) Heptane	7.555	43	1596809	11.648	ppbv	98
11) Trichlorofluoromethane	3.549	101	2019072	8.041	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1573894	8.763	ppbv	99
13) Ethanol	3.234	45	76561	4.251	ppbv #	44
14) Bromoethene	3.356	108	667364	8.858	ppbv	99
15) Acetone	3.456	43	1436203	8.399	ppbv	98
16) 1,3-Butadiene	2.977	39	756885	10.157	ppbv	96
17) tert-Butyl alcohol	3.867	59	1498215	8.554	ppbv	98
18) 1,1-Dichloroethene	3.867	96	704384	8.823	ppbv	97
19) Isopropyl Alcohol	3.565	45	870424	8.448	ppbv	99
20) Methylene Chloride	3.919	84	642836	6.985	ppbv	97
21) Allyl Chloride	3.983	41	1039110	9.916	ppbv	96
22) trans-1,2-Dichloroethene	4.430	96	761272	9.644	ppbv	98
23) Vinyl Acetate	4.610	43	1871454	10.583	ppbv	99
24) 1,1-Dichloroethane	4.546	63	1530582	9.249	ppbv	99
25) Ethyl Acetate	5.185	43	2829268	10.259	ppbv	99
26) Hexane	5.195	57	1324666	10.158	ppbv	91
27) Carbon Disulfide	4.108	76	1861568	10.237	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1162298	10.359	ppbv	99
29) Chloroform	5.256	83	2067997	9.185	ppbv	99
30) Cyclohexane	6.578	84	1117190	11.376	ppbv	97
31) cis-1,2-Dichloroethene	5.060	61	1300819	10.752	ppbv	93
32) 1,1,1-Trichloroethane	5.983	97	2047837	8.896	ppbv	99
34) 2-Butanone	4.771	43	1706874	9.524	ppbv	97
35) Carbon Tetrachloride	6.472	117	2100677	8.585	ppbv	97
36) Benzene	6.349	78	2786908	10.561	ppbv	95
37) 1,2-Dichloroethane	5.787	62	1519023	8.411	ppbv	98
38) Trichloroethene	7.269	130	1087713	10.809	ppbv	97
39) 1,2-Dichloropropane	7.050	63	1044192	10.280	ppbv	94
40) 1,4-Dioxane	7.263	88	426221	11.100	ppbv #	98
41) Tetrahydrofuran	5.536	42	1037446	11.289	ppbv	99
42) Bromodichloromethane	7.227	83	2292563	9.303	ppbv	99
43) Methyl Methacrylate	7.449	69	1133075	11.552	ppbv	96
44) 2,2,4-Trimethylpentane	7.304	57	4495811	10.700	ppbv	97
45) t-1,3-Dichloropropene	8.684	75	986092	12.965	ppbv	97

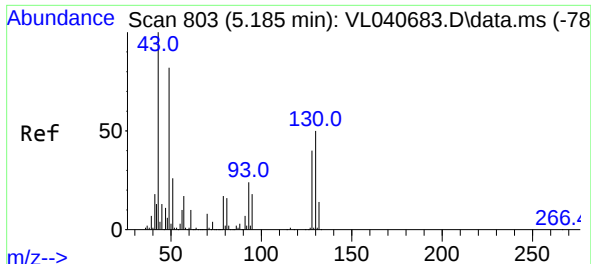
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040720.D
 Acq On : 27 Sep 2023 8:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 28 01:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1151004	12.369	ppbv	95
47) 1,1,2-Trichloroethane	8.873	97	1157073	9.926	ppbv	97
48) Dibromochloromethane	9.680	129	1964473	10.216	ppbv	99
49) Bromoform	12.378	173	1626951	10.302	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	2579216	10.650	ppbv	97
51) 2-Hexanone	9.526	43	1855633	11.102	ppbv #	93
52) Tetrachloroethene	10.590	164	988488	11.484	ppbv	96
53) Toluene	9.195	91	3213381	11.534	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1653139	11.111	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.481	131	1439518	7.420	ppbv	98
57) Chlorobenzene	11.500	112	2496751	8.101	ppbv	99
58) Ethyl Benzene	12.063	91	4263178	9.188	ppbv	99
59) m/p-Xylene	12.346	91	3944656	9.053	ppbv #	41
60) o-Xylene	13.031	91	3455467	8.316	ppbv	99
61) Styrene	12.870	104	1819971	10.451	ppbv	97
62) Isopropylbenzene	14.002	105	5032803	8.022	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.021	83	2482460	7.622	ppbv	99
64) n-propylbenzene	14.892	120	1351643	8.616	ppbv	92
65) tert-Butylbenzene	16.063	119	4476112	7.949	ppbv	95
66) Benzyl Chloride	16.298	91	576423	8.771	ppbv	98
67) sec-Butylbenzene	16.606	105	6246321	7.749	ppbv	98
69) p-Isopropyltoluene	16.970	119	5129283	8.096	ppbv	98
70) n-Butylbenzene	17.860	91	5437105	7.797	ppbv	99
71) 2-Chlorotoluene	14.777	91	3886955	8.374	ppbv	97
72) 4-Ethyltoluene	15.166	105	4011794	8.609	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	3474025	8.280	ppbv	97
74) 1,2,4-Trimethylbenzene	16.079	105	3874049	7.574	ppbv	96
75) 1,3-Dichlorobenzene	16.304	146	2284593	7.839	ppbv	98
76) 1,4-Dichlorobenzene	16.445	146	2230323	7.778	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	2208979	7.610	ppbv	98
78) Hexachloro-1,3-Butadiene	22.606	225	1524091	6.939	ppbv	99
79) Naphthalene	21.355	128	3112217	9.778	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	824107	10.571	ppbv	96
81) 1,2,4-Trichlorobenzene	21.114	180	1648369	7.928	ppbv	99

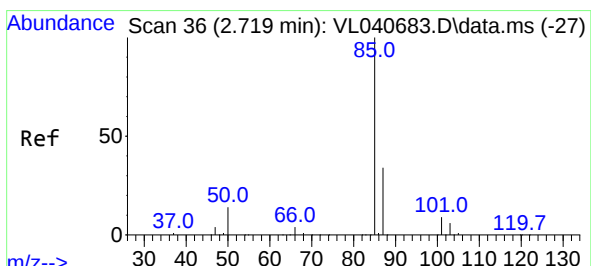
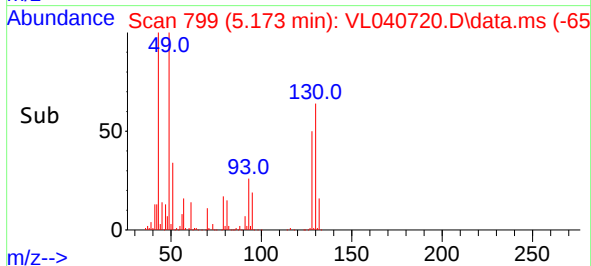
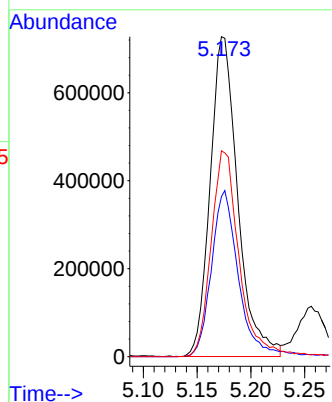
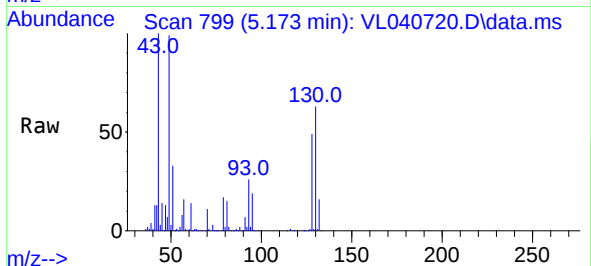
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.025 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

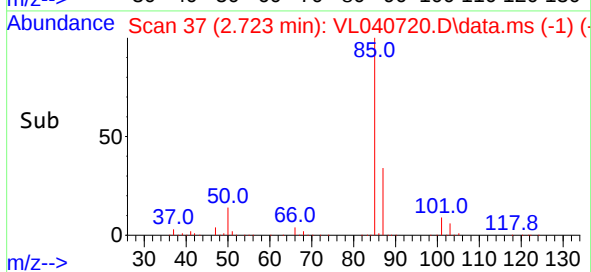
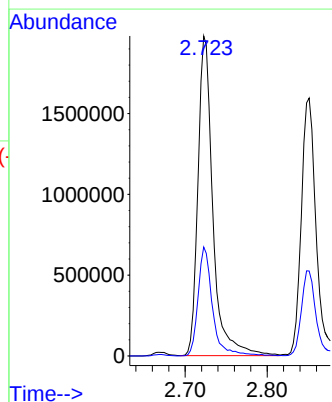
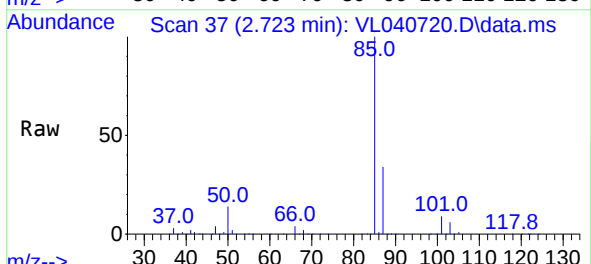
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

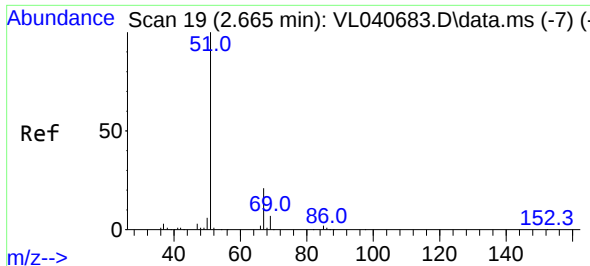
Tgt Ion: 49 Resp: 1296358
Ion Ratio Lower Upper
49 100
128 51.6 25.4 76.0
130 65.7 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 8.742 ppbv
RT: 2.723 min Scan# 37
Delta R.T. -0.009 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 85 Resp: 2497041
Ion Ratio Lower Upper
85 100
87 34.1 27.2 40.8

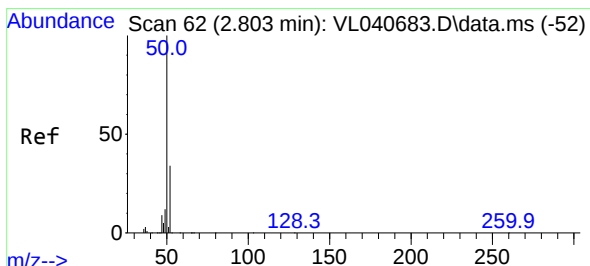
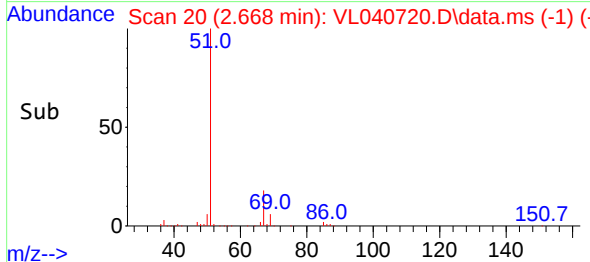
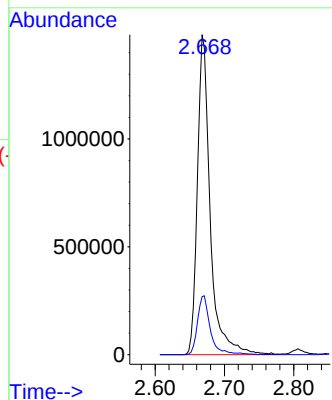
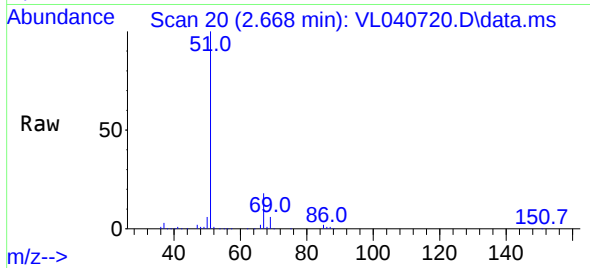




#3
Chlorodifluoromethane
Concen: 9.036 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.009 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

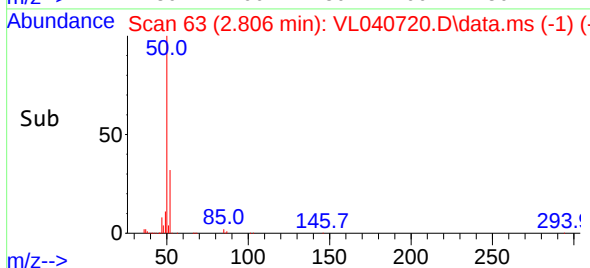
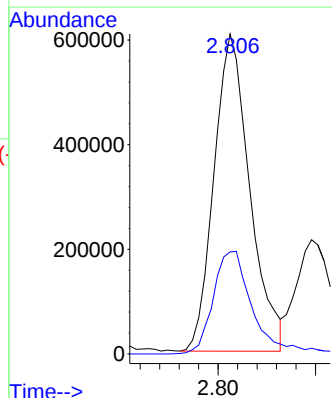
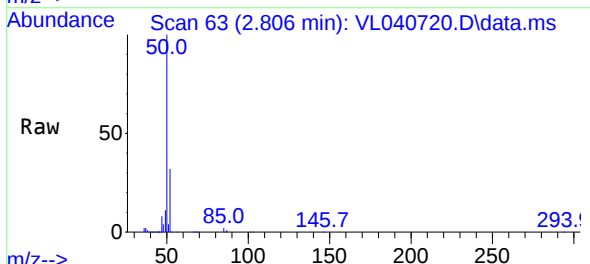
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1908217
Ion Ratio Lower Upper
51 100
67 18.7 16.7 25.1

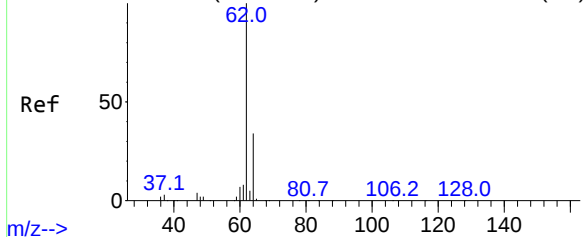


#4
Chloromethane
Concen: 9.563 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.009 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 50 Resp: 773195
Ion Ratio Lower Upper
50 100
52 32.1 27.1 40.7



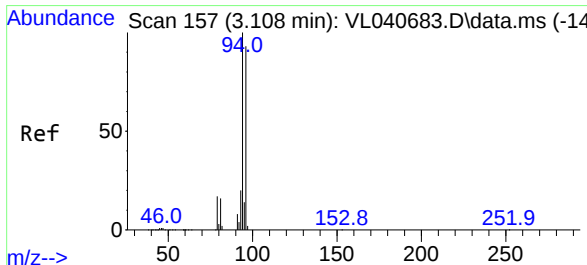
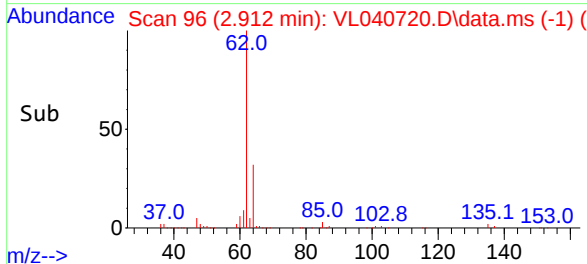
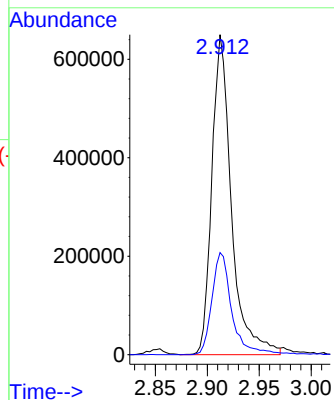
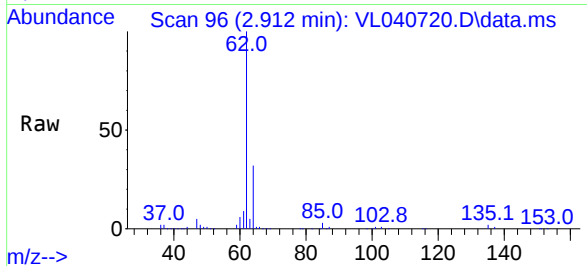
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 8.910 ppbv
RT: 2.912 min Scan# 96
Delta R.T. -0.013 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

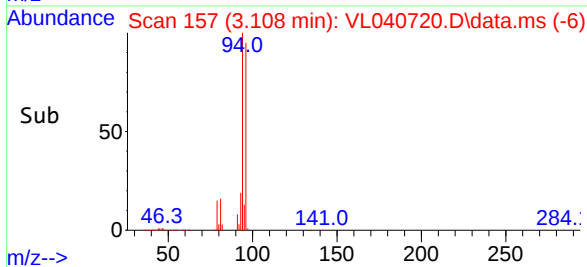
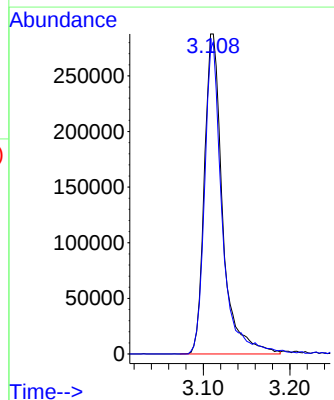
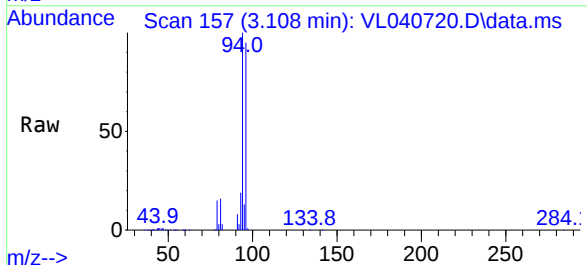
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

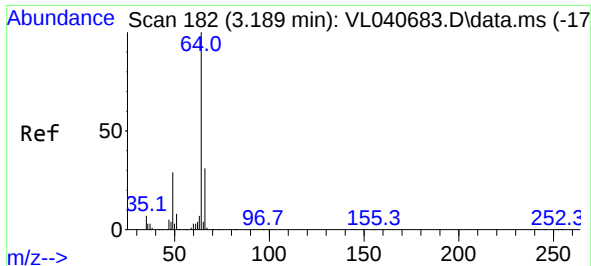
Tgt Ion: 62 Resp: 851396
Ion Ratio Lower Upper
62 100
64 31.9 27.2 40.8



#6
Bromomethane
Concen: 9.093 ppbv
RT: 3.108 min Scan# 157
Delta R.T. -0.016 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 94 Resp: 419233
Ion Ratio Lower Upper
94 100
96 95.2 74.4 111.6

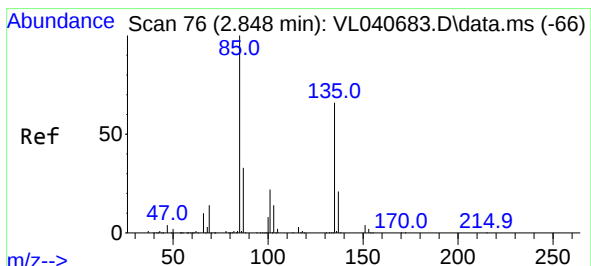
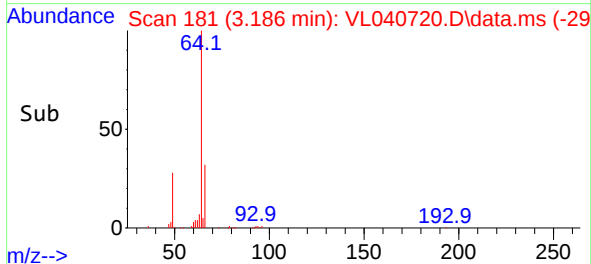
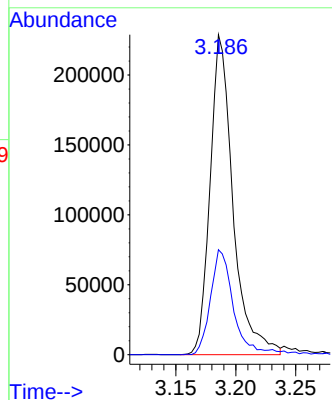
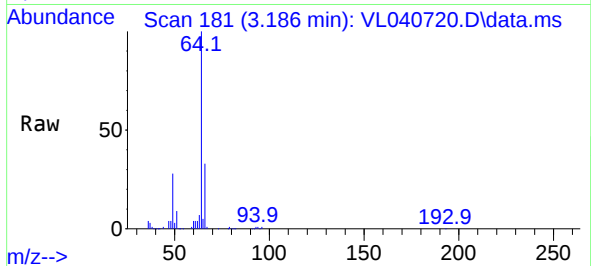




#7
Chloroethane
Concen: 9.248 ppbv
RT: 3.186 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

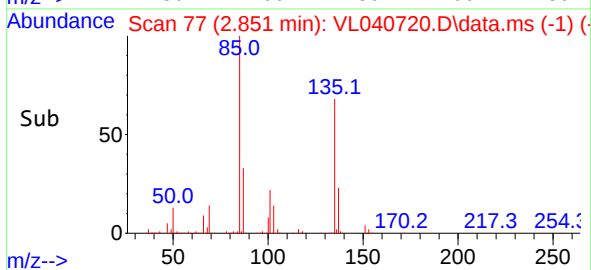
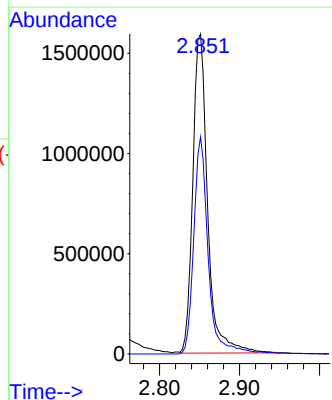
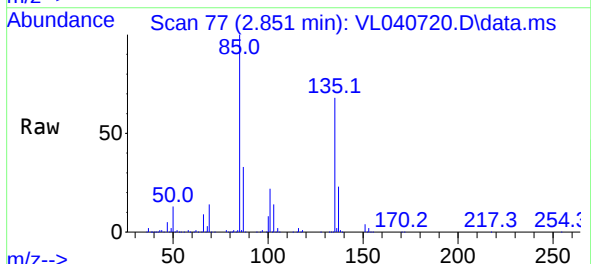
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 303520
Ion Ratio Lower Upper
64 100
66 32.8 24.5 36.7

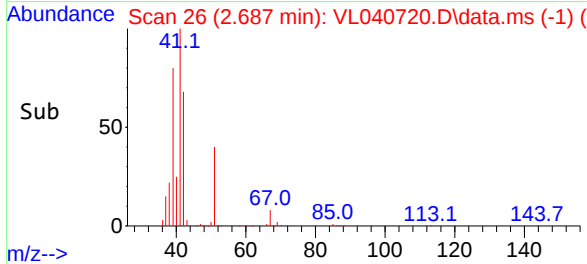
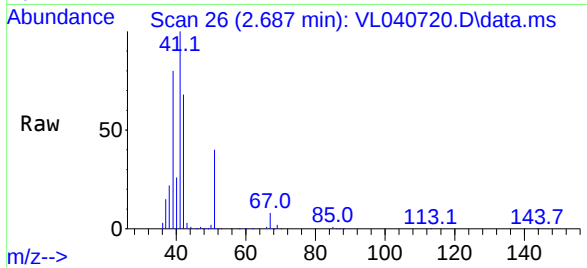
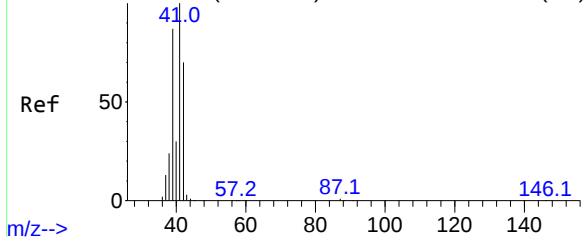


#8
Dichlorotetrafluoroethane
Concen: 8.697 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.009 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 85 Resp: 2050736
Ion Ratio Lower Upper
85 100
135 66.8 53.4 80.2



Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



#9

Propene

Concen: 10.148 ppbv

RT: 2.687 min Scan# 2

Delta R.T. -0.009 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

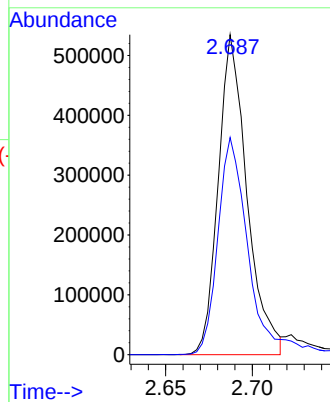
VSTDCCC010

Tgt Ion: 41 Resp: 617403

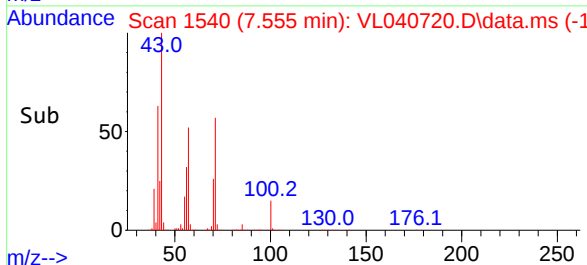
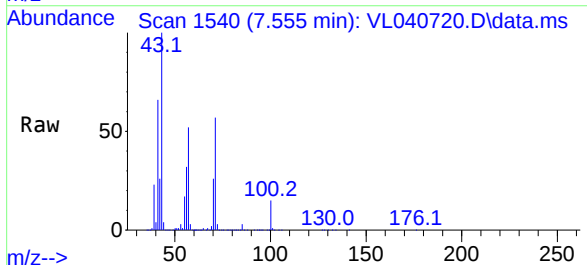
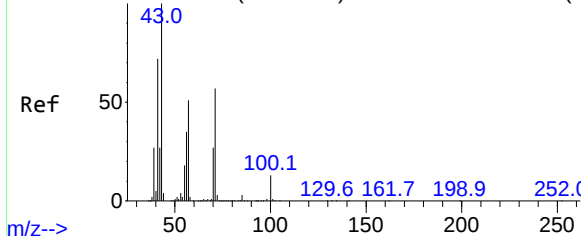
Ion Ratio Lower Upper

41 100

42 74.0 56.7 85.1



Abundance Scan 1546 (7.574 min): VL040683.D\data.ms (-1)



#10

Heptane

Concen: 11.648 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. -0.032 min

Lab File: VL040720.D

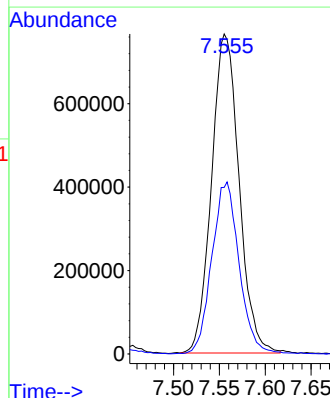
Acq: 27 Sep 2023 8:57

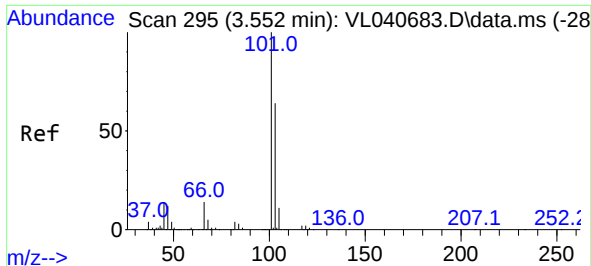
Tgt Ion: 43 Resp: 1596809

Ion Ratio Lower Upper

43 100

57 53.8 41.8 62.6

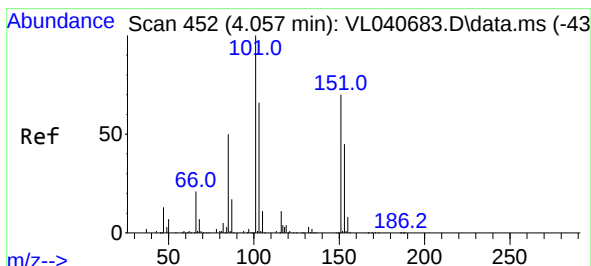
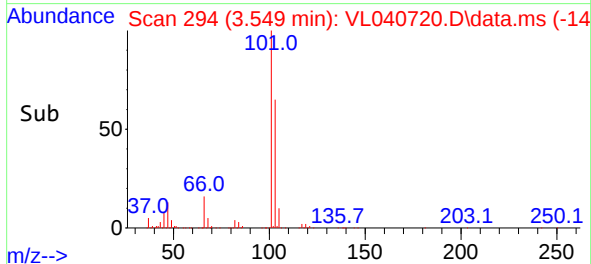
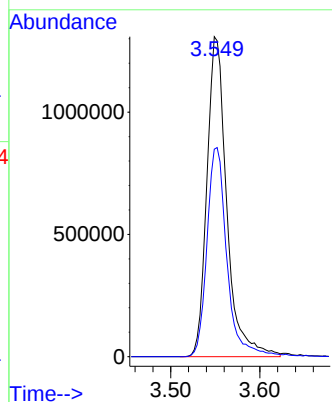
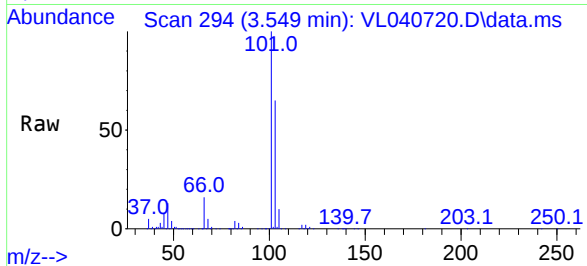




#11
Trichlorofluoromethane
Concen: 8.041 ppbv
RT: 3.549 min Scan# 295
Delta R.T. -0.019 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

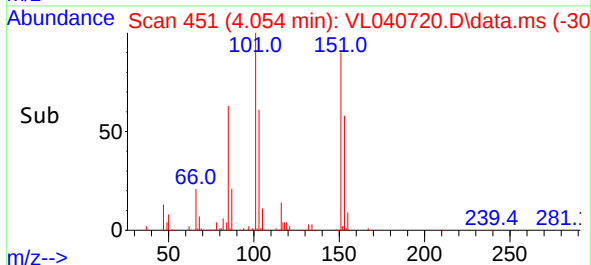
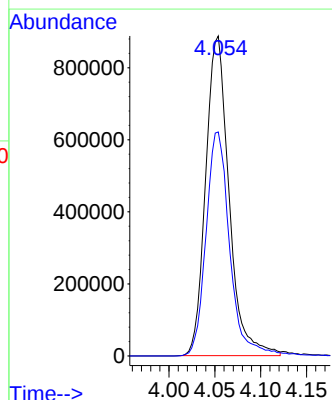
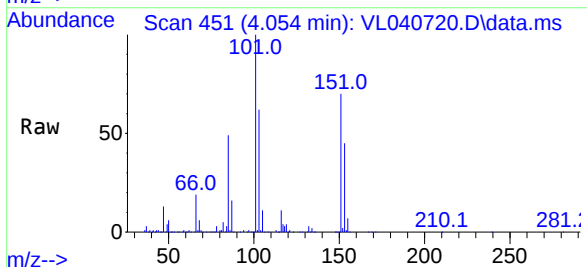
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

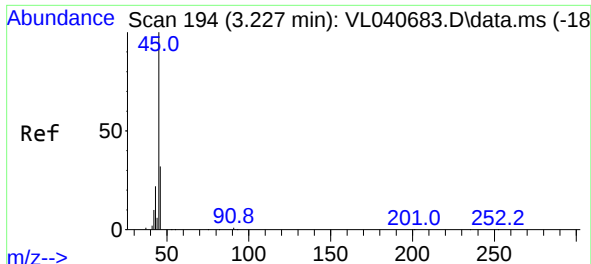
Tgt Ion:101 Resp: 2019072
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.763 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.019 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:101 Resp: 1573894
Ion Ratio Lower Upper
101 100
151 71.6 56.8 85.2

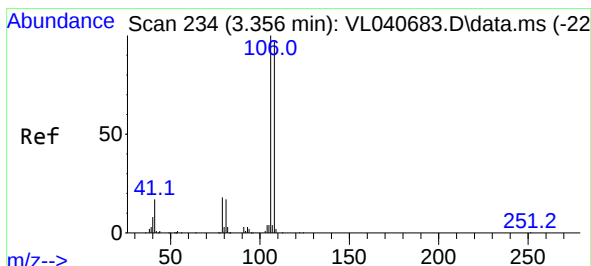
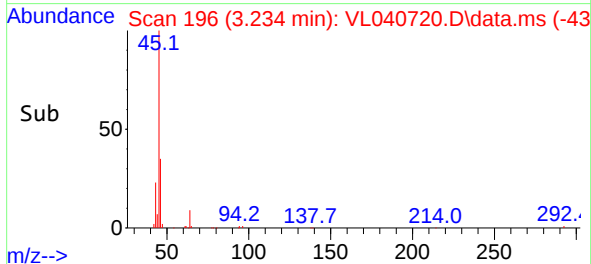
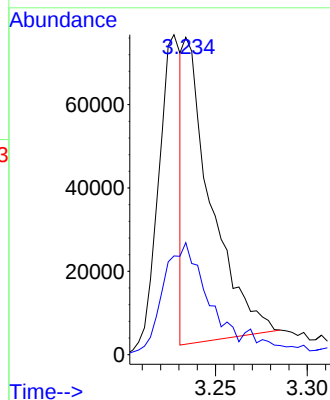
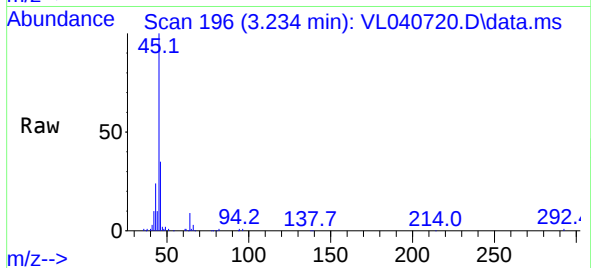




#13
Ethanol
Concen: 4.251 ppbv
RT: 3.234 min Scan# 194
Delta R.T. -0.009 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

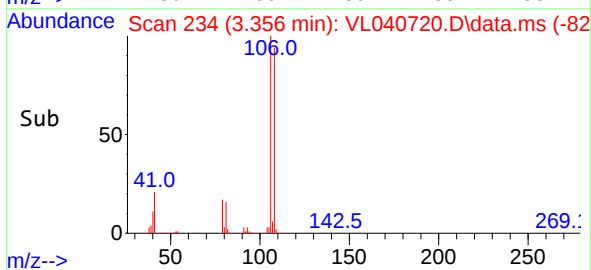
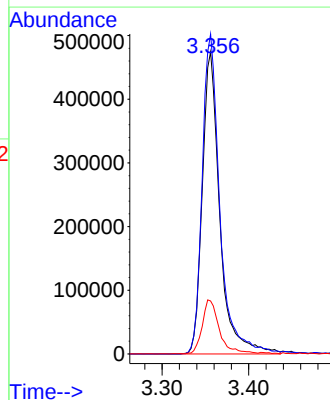
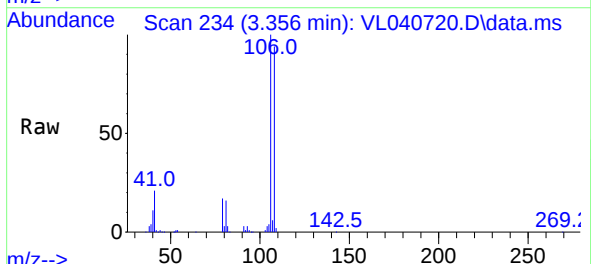
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

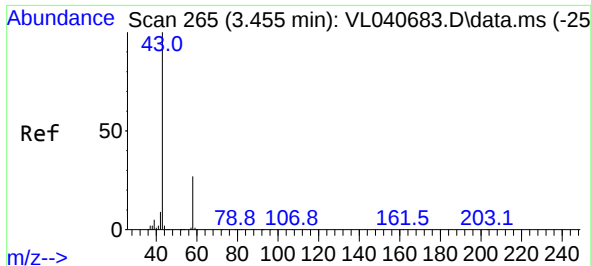
Tgt Ion: 45 Resp: 76561
Ion Ratio Lower Upper
45 100
46 72.1 15.2 61.0#



#14
Bromoethene
Concen: 8.858 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.013 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 108 Resp: 667364
Ion Ratio Lower Upper
108 100
106 108.0 86.0 129.0
79 18.2 15.6 23.4

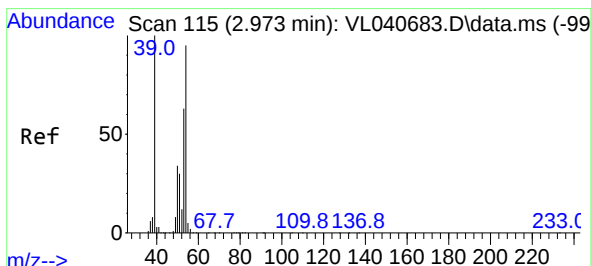
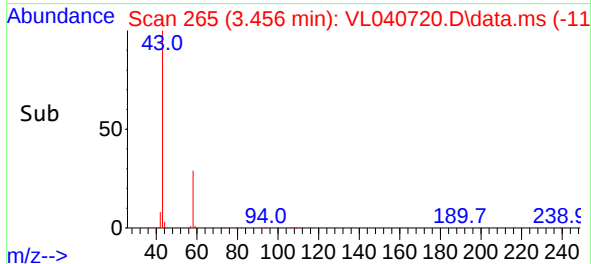
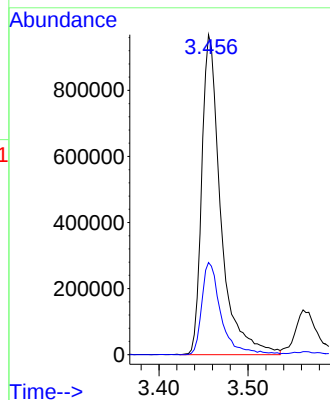
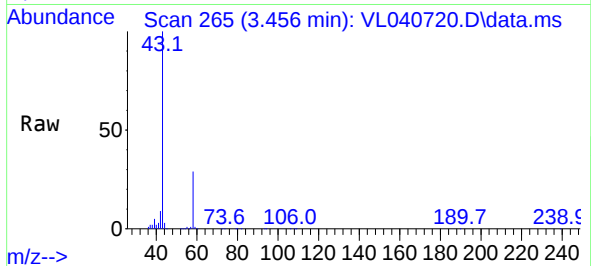




#15
Acetone
Concen: 8.399 ppbv
RT: 3.456 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

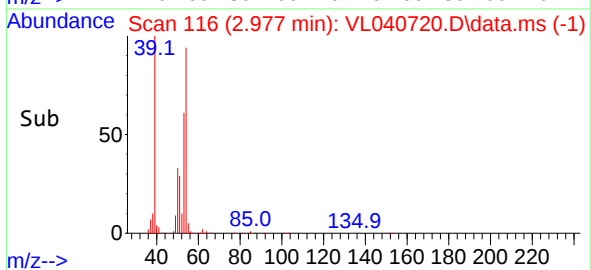
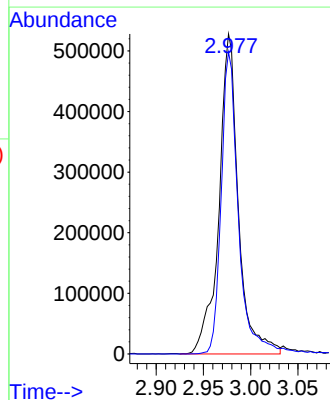
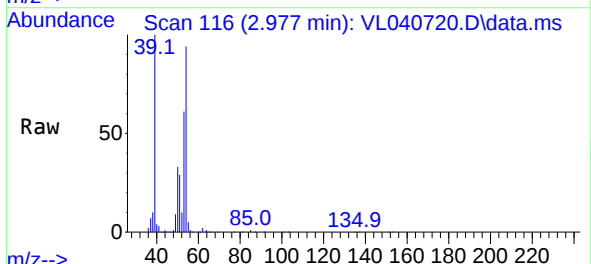
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

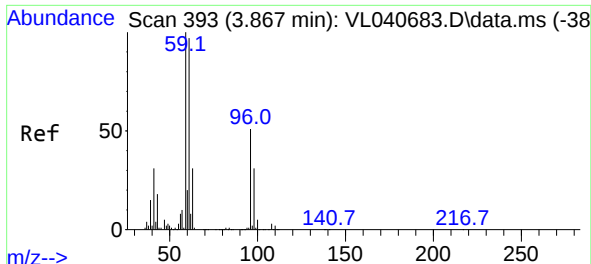
Tgt Ion: 43 Resp: 1436203
Ion Ratio Lower Upper
43 100
58 29.1 22.6 34.0



#16
1,3-Butadiene
Concen: 10.157 ppbv
RT: 2.977 min Scan# 116
Delta R.T. -0.013 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 39 Resp: 756885
Ion Ratio Lower Upper
39 100
54 84.5 64.8 97.2

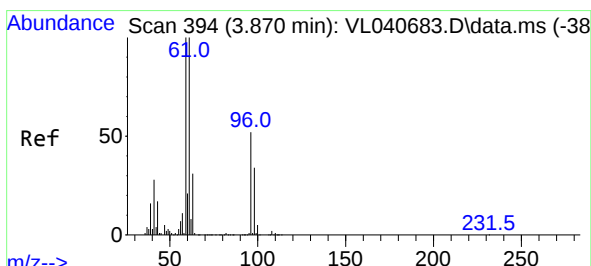
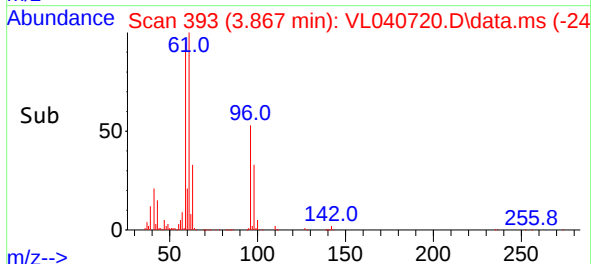
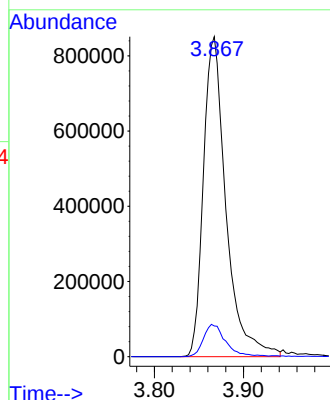
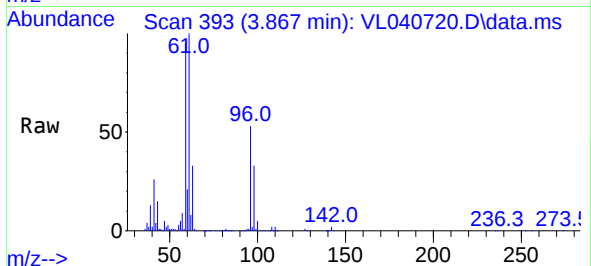




#17
tert-Butyl alcohol
Concen: 8.554 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.016 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

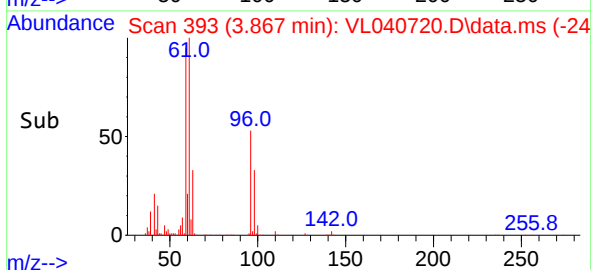
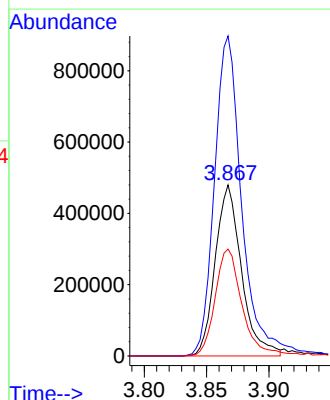
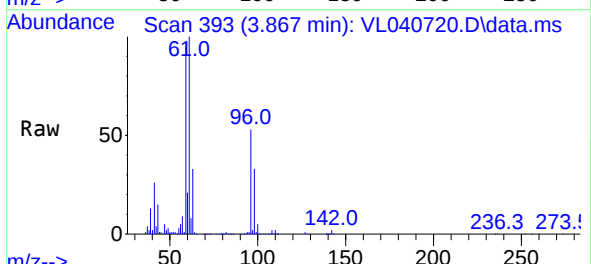
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

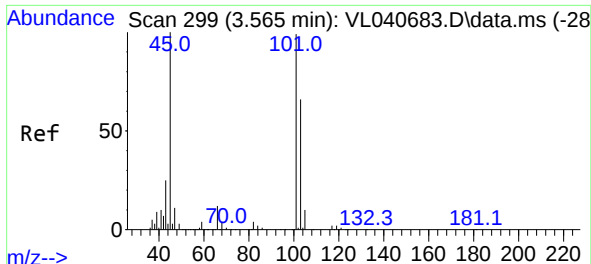
Tgt Ion: 59 Resp: 1498215
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#18
1,1-Dichloroethene
Concen: 8.823 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.016 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 96 Resp: 704384
Ion Ratio Lower Upper
96 100
61 187.0 153.6 230.4
98 62.4 51.9 77.9





#19

Isopropyl Alcohol

Concen: 8.448 ppbv

RT: 3.565 min Scan# 299

Delta R.T. -0.013 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_1

ClientSampleId :

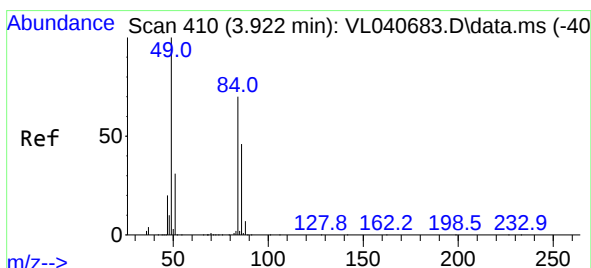
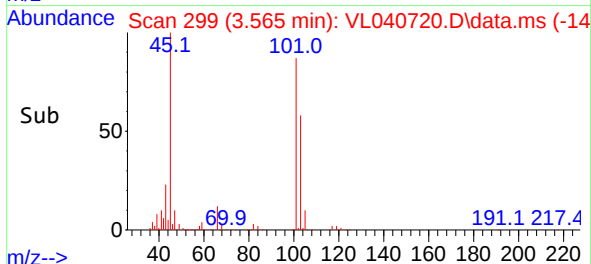
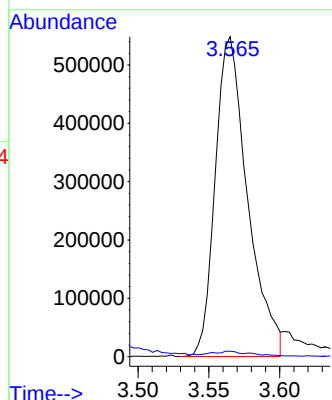
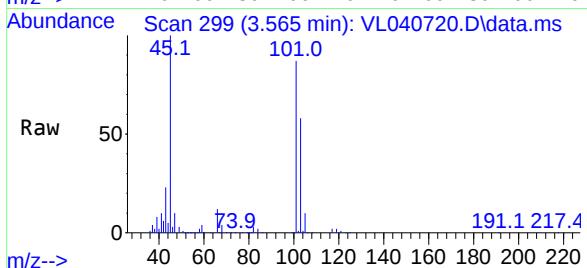
VSTDCCC010

Tgt Ion: 45 Resp: 870424

Ion Ratio Lower Upper

45 100

58 2.7 1.9 2.9



#20

Methylene Chloride

Concen: 6.985 ppbv

RT: 3.919 min Scan# 409

Delta R.T. -0.019 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Tgt Ion: 84 Resp: 642836

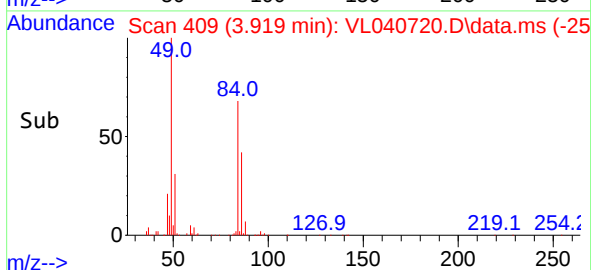
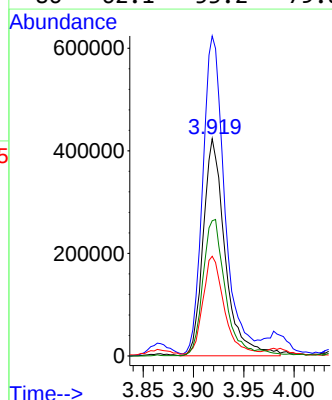
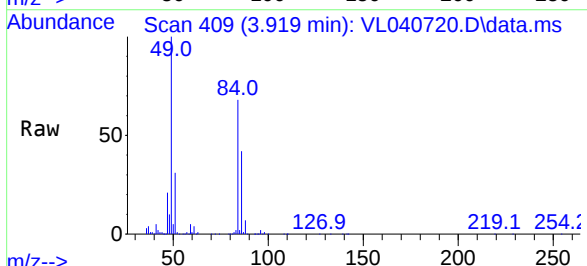
Ion Ratio Lower Upper

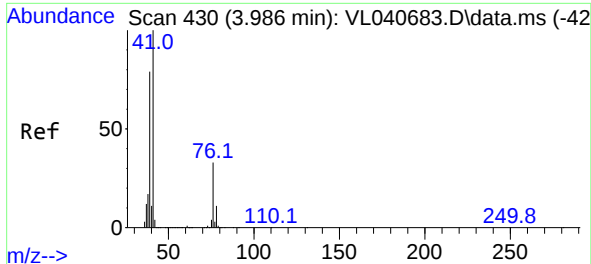
84 100

49 146.3 114.4 171.6

51 45.2 35.5 53.3

86 62.1 53.2 79.8



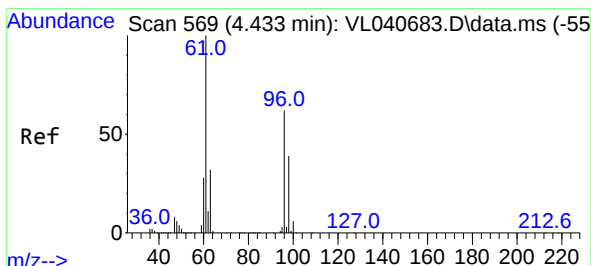
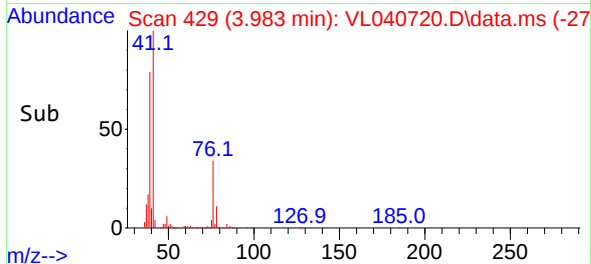
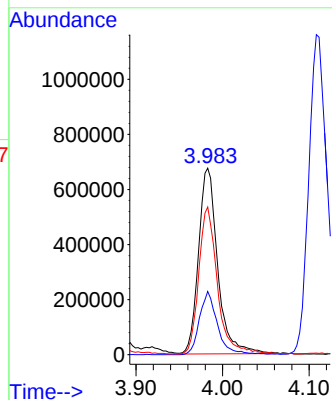
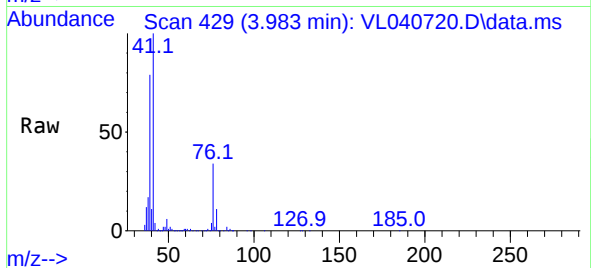


#21
 Allyl Chloride
 Concen: 9.916 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1039110

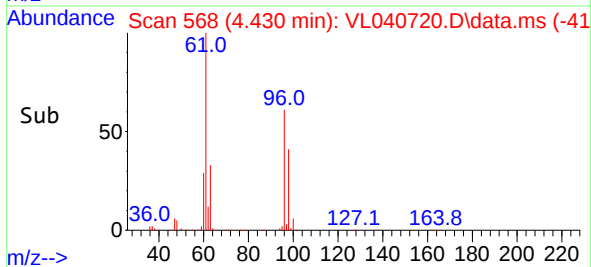
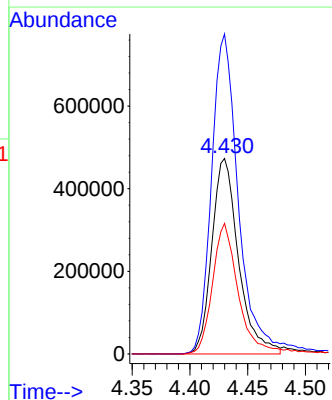
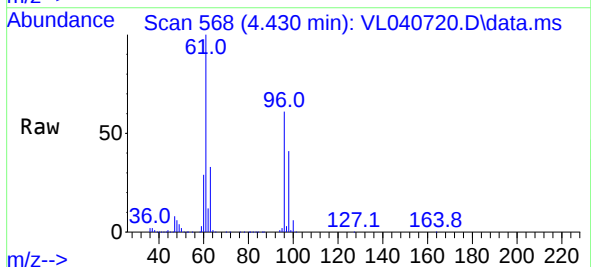
Ion	Ratio	Lower	Upper
41	100		
76	32.0	26.6	40.0
39	77.3	65.0	97.4

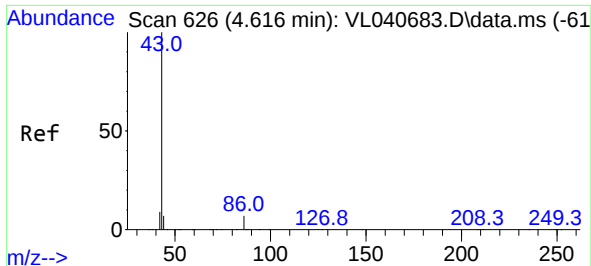


#22
 trans-1,2-Dichloroethene
 Concen: 9.644 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.022 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

Tgt Ion: 96 Resp: 761272

Ion	Ratio	Lower	Upper
96	100		
61	163.5	129.9	194.9
98	66.7	50.2	75.4



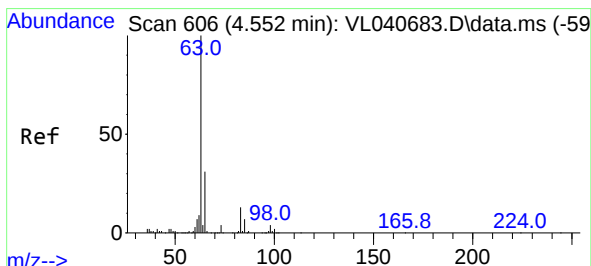
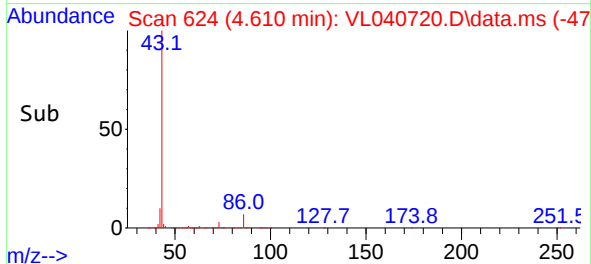
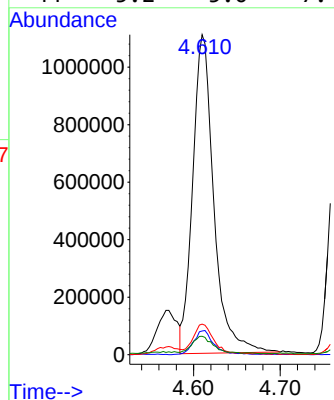
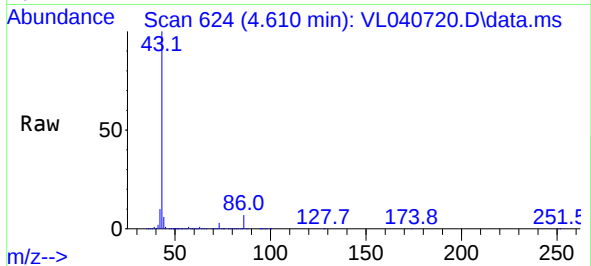


#23
 Vinyl Acetate
 Concen: 10.583 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1871454

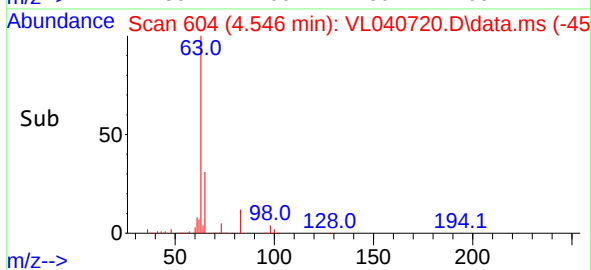
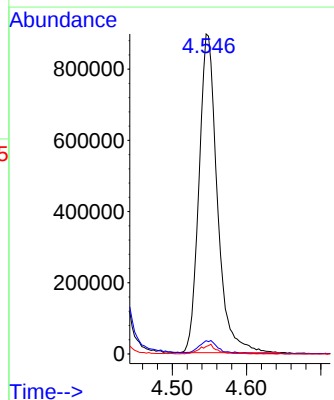
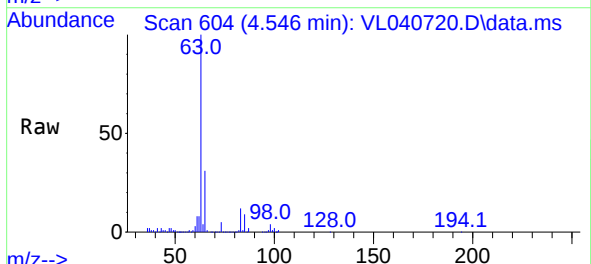
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.6	8.4
42	9.5	7.6	11.4
44	5.2	5.0	7.4

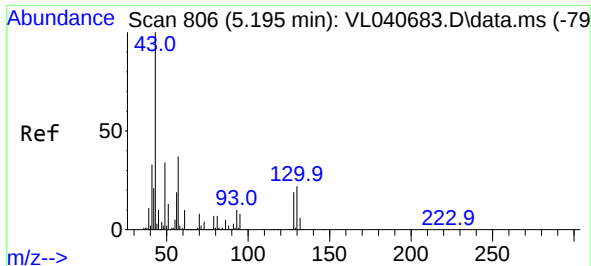


#24
 1,1-Dichloroethane
 Concen: 9.249 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.022 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

Tgt Ion: 63 Resp: 1530582

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.5
100	2.3	1.2	3.6



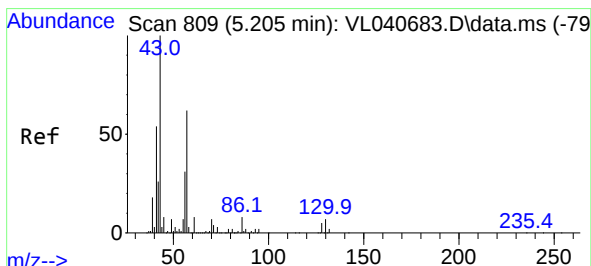
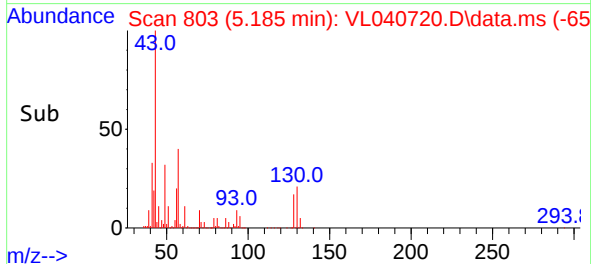
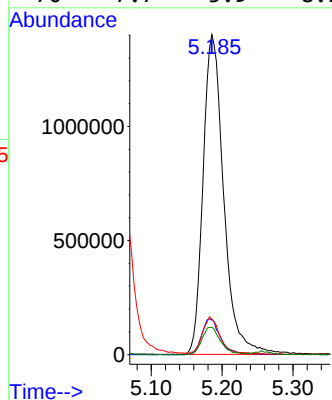
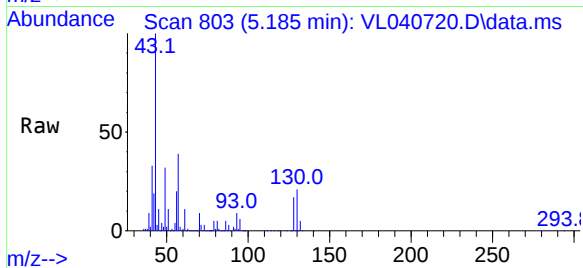


#25
Ethyl Acetate
Concen: 10.259 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.026 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2829268

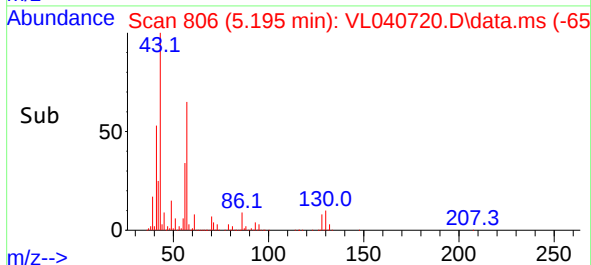
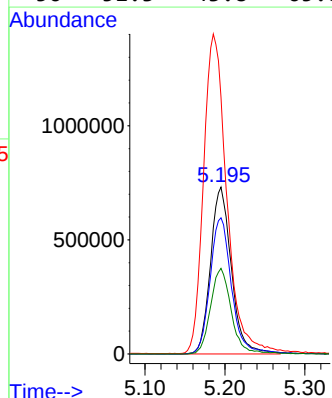
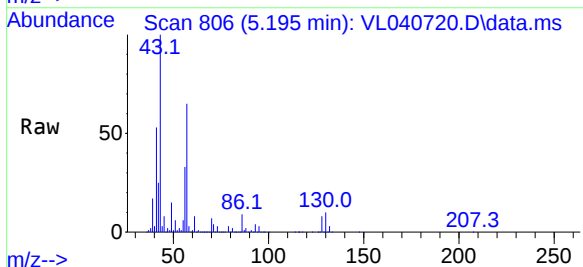
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.6	8.2	12.4
70	7.7	5.9	8.9

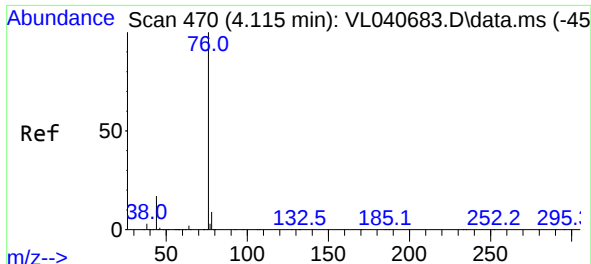


#26
Hexane
Concen: 10.158 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.026 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 57 Resp: 1324666

Ion	Ratio	Lower	Upper
57	100		
41	84.6	75.2	112.8
43	215.8	185.6	278.4
56	51.3	43.8	65.8



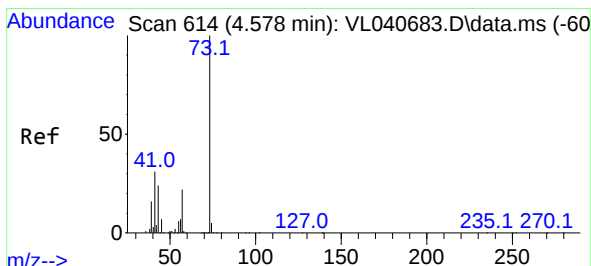
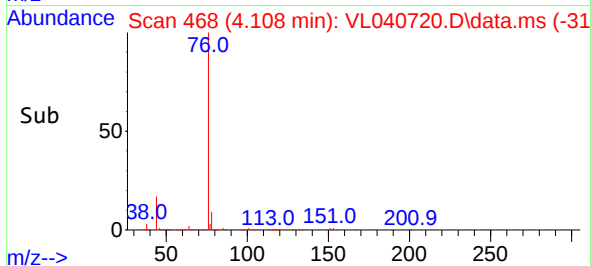
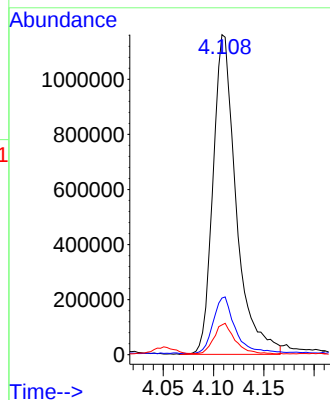
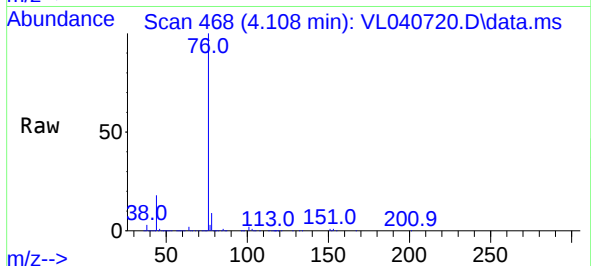


#27
Carbon Disulfide
Concen: 10.237 ppbv
RT: 4.108 min Scan# 411
Delta R.T. -0.022 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1861568

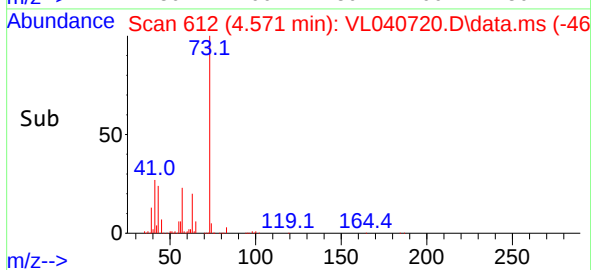
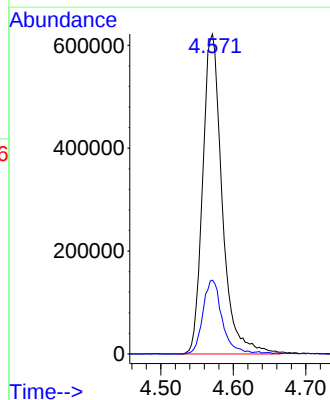
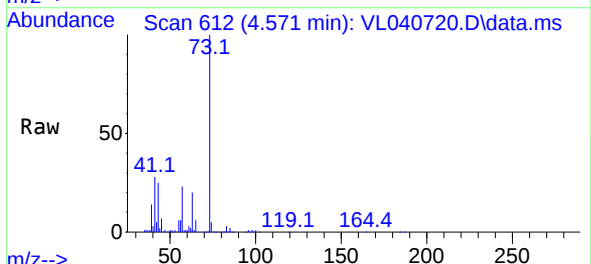
Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.5	21.7
78	9.5	7.7	11.5

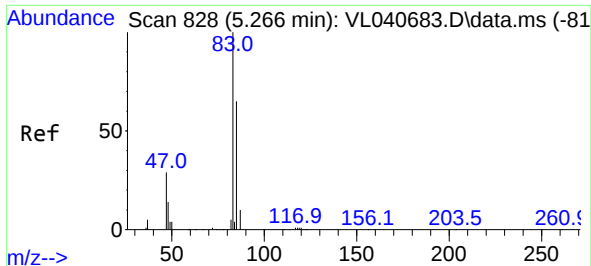


#28
Methyl tert-Butyl Ether
Concen: 10.359 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.019 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 73 Resp: 1162298

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.8	28.2





#29

Chloroform

Concen: 9.185 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

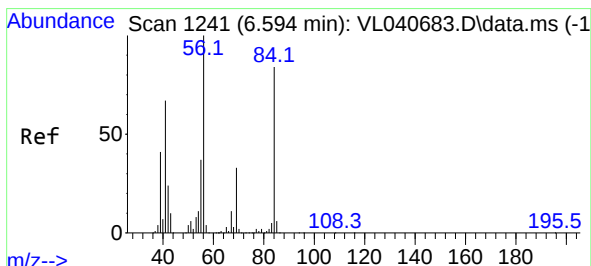
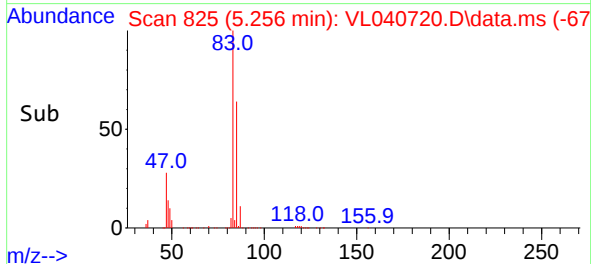
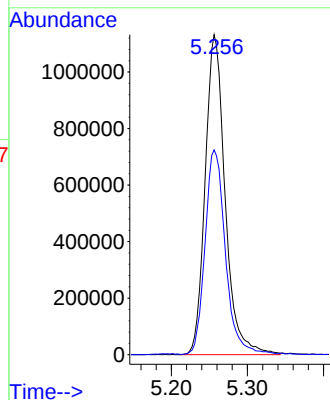
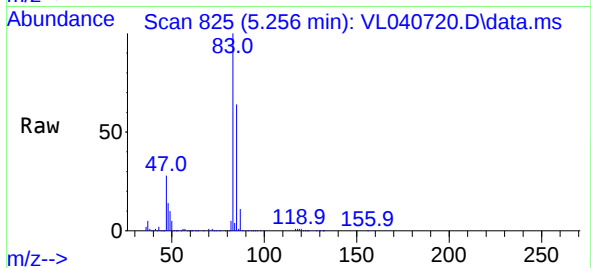
VSTDCCC010

Tgt Ion: 83 Resp: 2067997

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8



#30

Cyclohexane

Concen: 11.376 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. -0.032 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

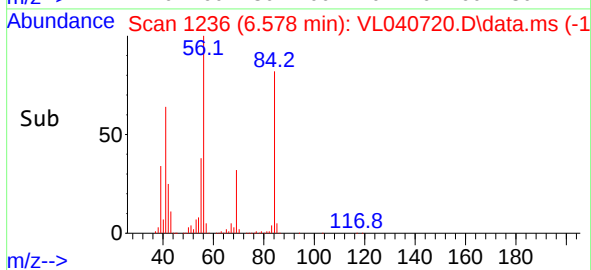
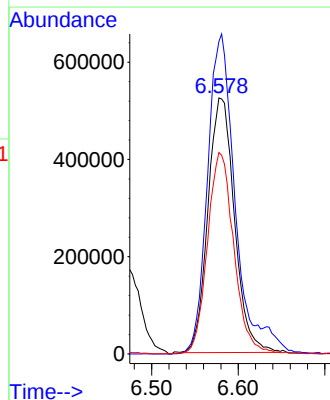
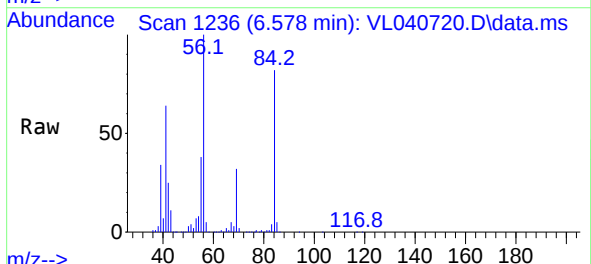
Tgt Ion: 84 Resp: 1117190

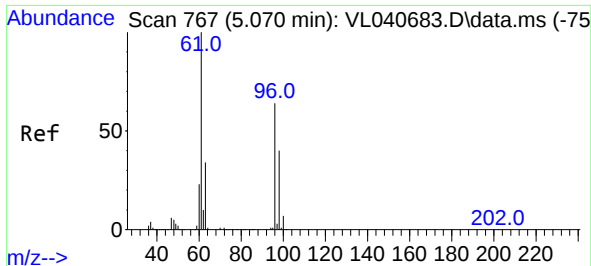
Ion Ratio Lower Upper

84 100

56 132.4 103.2 154.8

41 78.6 65.5 98.3

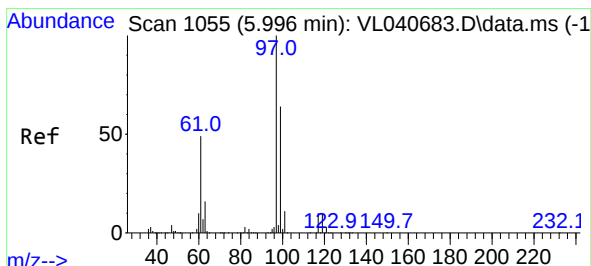
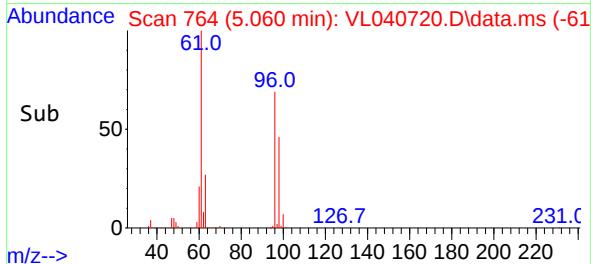
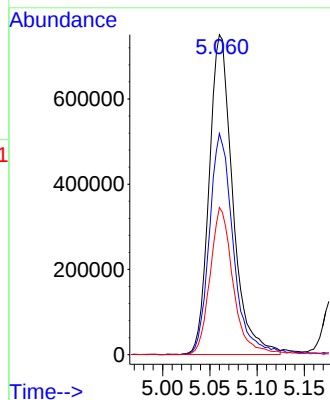
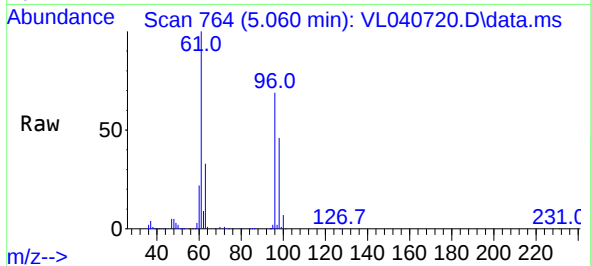




#31
cis-1,2-Dichloroethene
Concen: 10.752 ppbv
RT: 5.060 min Scan# 70
Delta R.T. -0.026 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

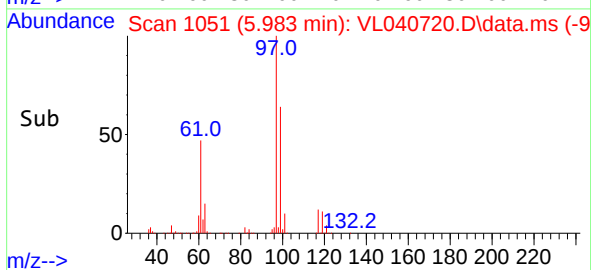
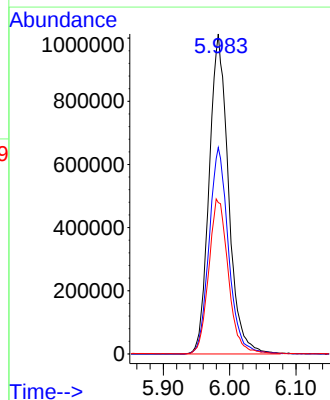
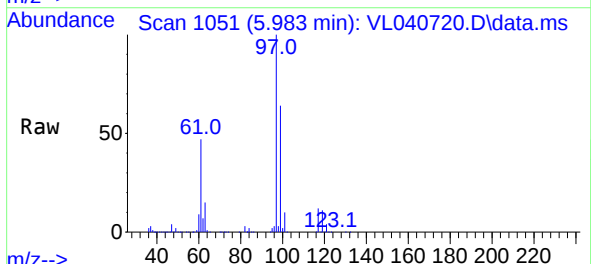
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

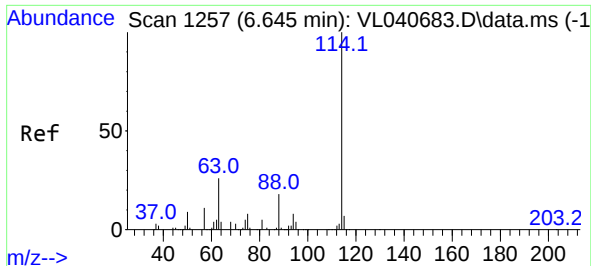
Tgt Ion: 61 Resp: 1300819
Ion Ratio Lower Upper
61 100
96 69.1 51.2 76.8
98 45.9 32.3 48.5



#32
1,1,1-Trichloroethane
Concen: 8.896 ppbv
RT: 5.983 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 97 Resp: 2047837
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 49.3 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

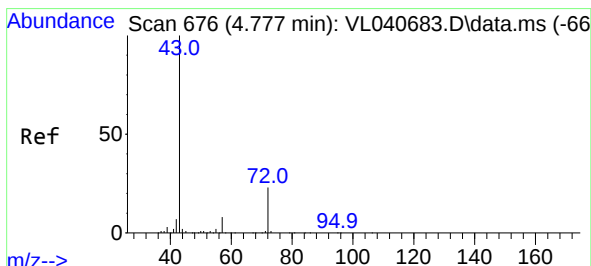
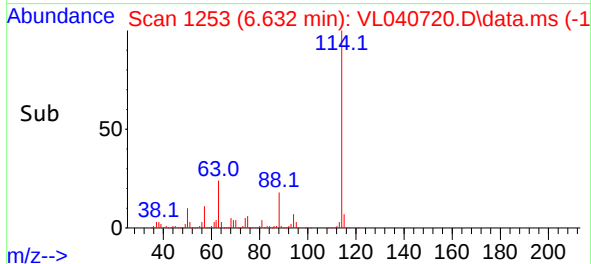
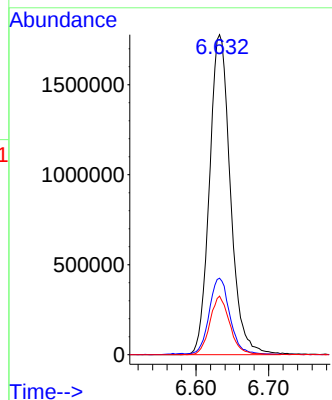
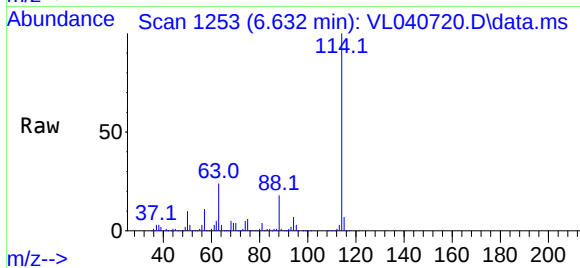
Tgt Ion:114 Resp: 3563524

Ion Ratio Lower Upper

114 100

63 24.2 21.1 31.7

88 17.5 14.5 21.7



#34

2-Butanone

Concen: 9.524 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.019 min

Lab File: VL040720.D

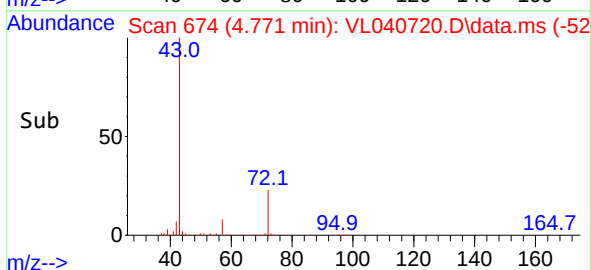
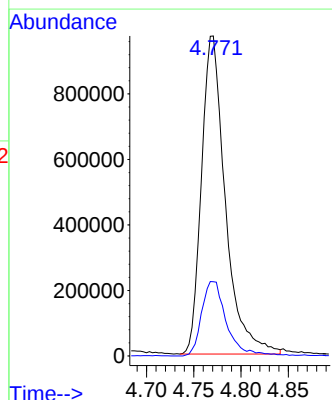
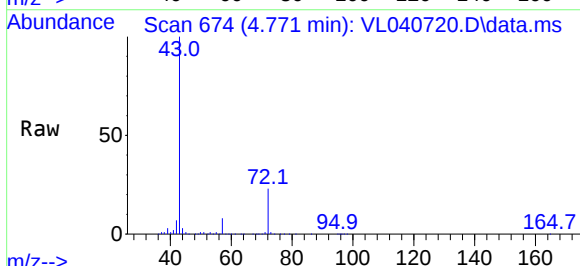
Acq: 27 Sep 2023 8:57

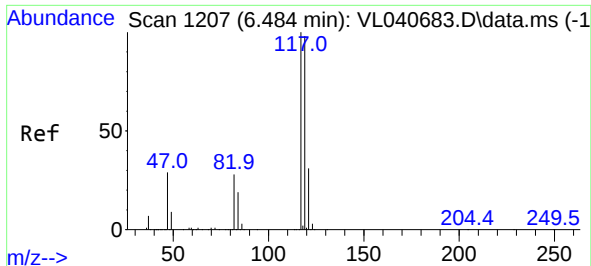
Tgt Ion: 43 Resp: 1706874

Ion Ratio Lower Upper

43 100

72 24.6 18.6 27.8

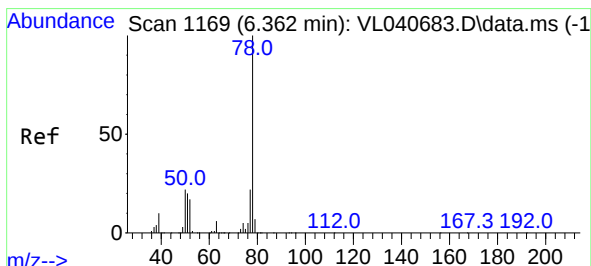
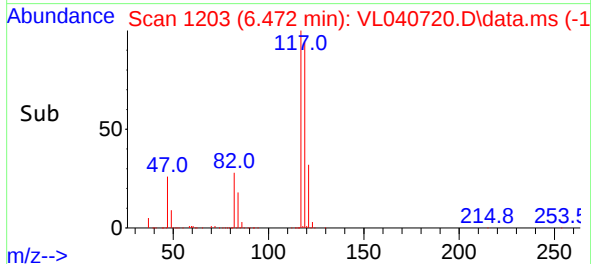
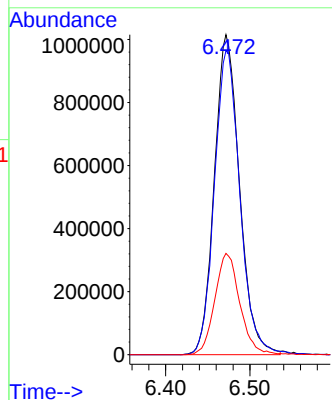
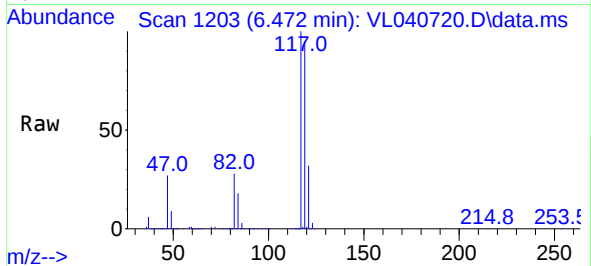




#35
Carbon Tetrachloride
Concen: 8.585 ppbv
RT: 6.472 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

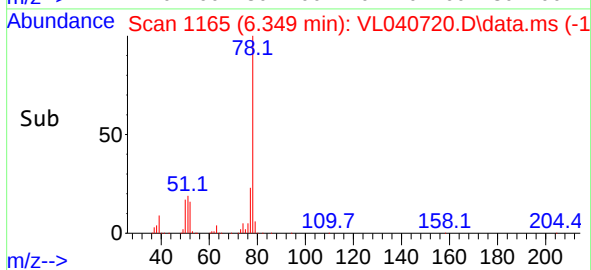
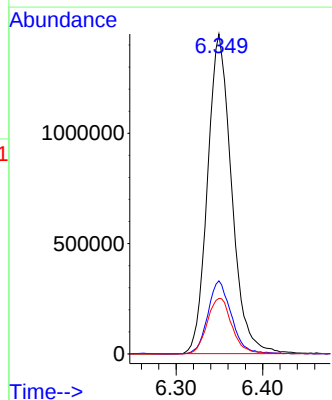
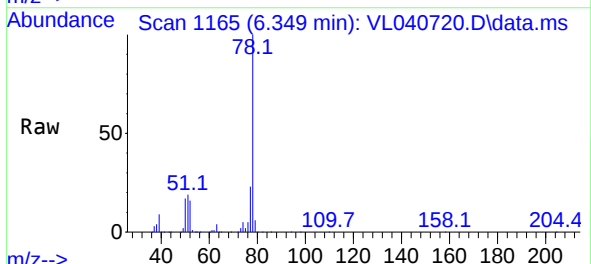
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

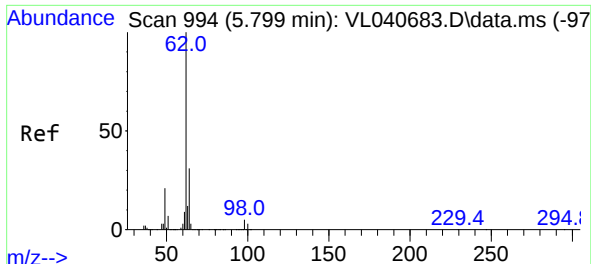
Tgt Ion:117 Resp: 2100677
Ion Ratio Lower Upper
117 100
119 95.0 78.6 117.8
121 31.6 24.7 37.1



#36
Benzene
Concen: 10.561 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 78 Resp: 2786908
Ion Ratio Lower Upper
78 100
77 22.8 17.9 26.9
50 17.3 17.3 25.9

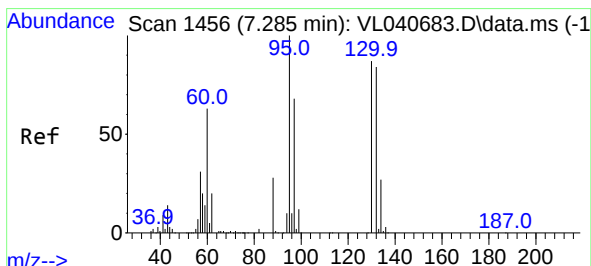
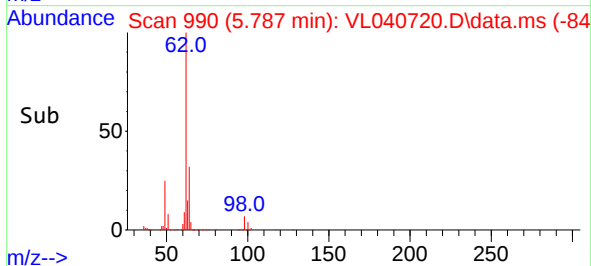
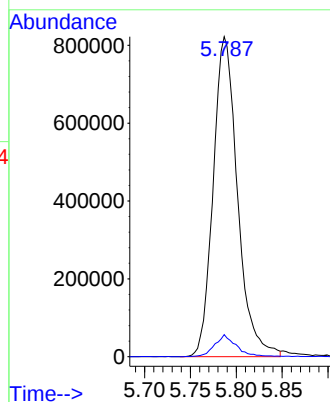
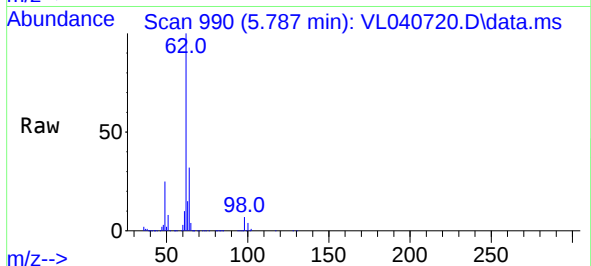




#37
1,2-Dichloroethane
Concen: 8.411 ppbv
RT: 5.787 min Scan# 994
Delta R.T. -0.029 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

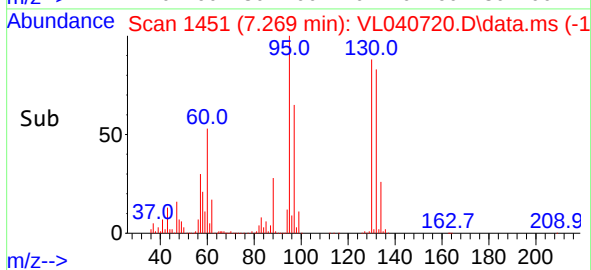
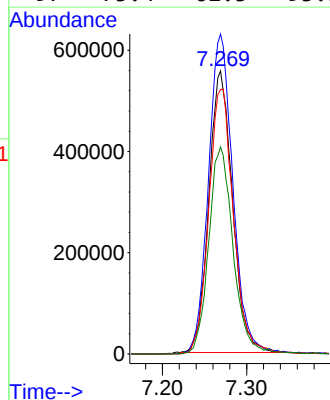
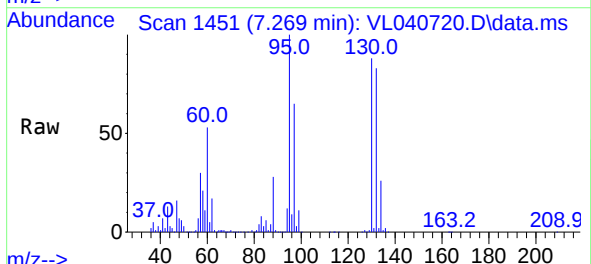
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

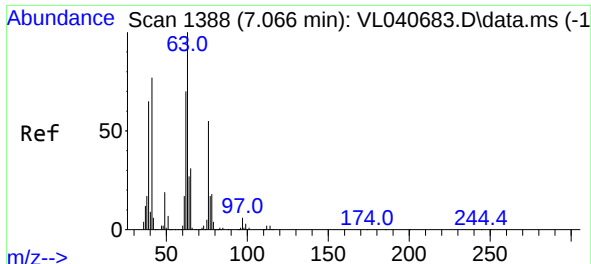
Tgt Ion: 62 Resp: 1519023
Ion Ratio Lower Upper
62 100
98 6.1 4.2 6.4



#38
Trichloroethene
Concen: 10.809 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:130 Resp: 1087713
Ion Ratio Lower Upper
130 100
95 113.6 91.9 137.9
132 93.8 77.3 115.9
97 73.4 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.280 ppbv

RT: 7.050 min Scan# 11

Delta R.T. -0.032 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

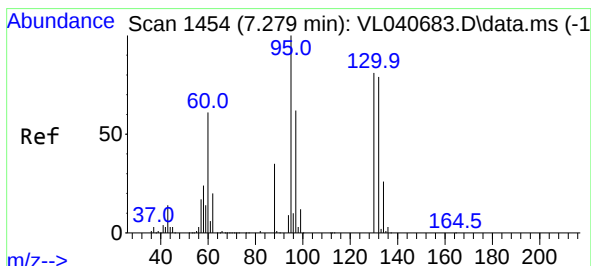
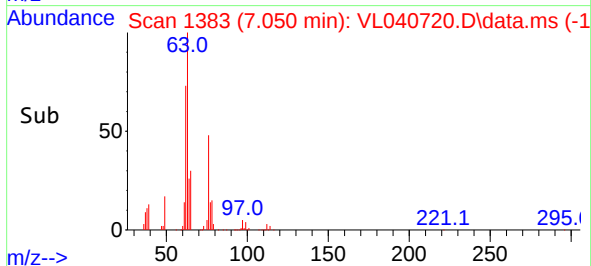
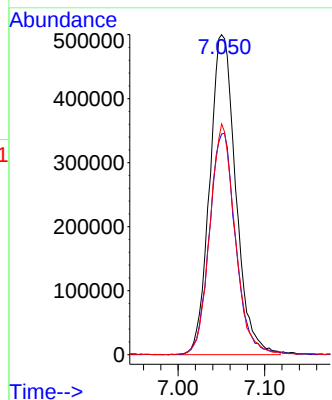
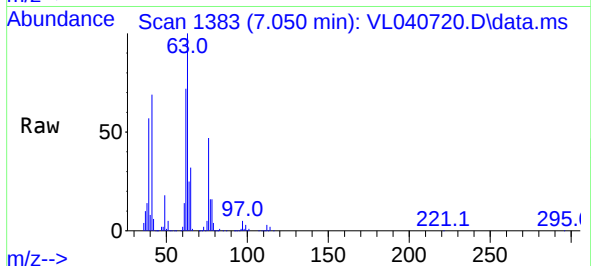
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 1044192

Ion	Ratio	Lower	Upper
63	100		
41	68.7	61.6	92.4
62	71.8	55.8	83.8



#40

1,4-Dioxane

Concen: 11.100 ppbv

RT: 7.263 min Scan# 1449

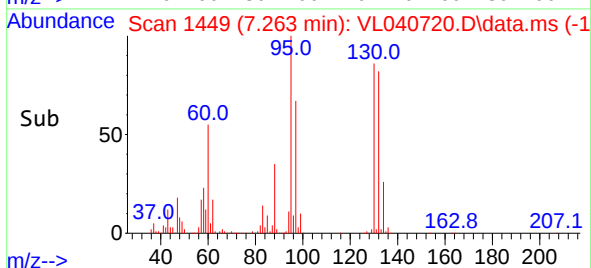
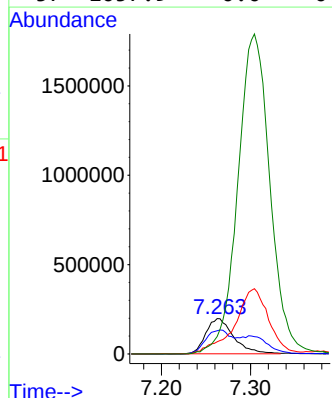
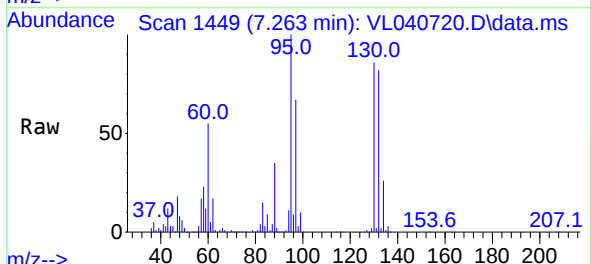
Delta R.T. -0.032 min

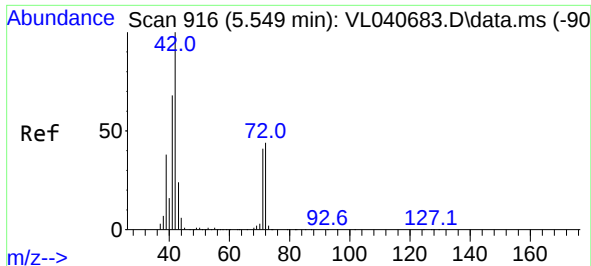
Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Tgt Ion: 88 Resp: 426221

Ion	Ratio	Lower	Upper
88	100		
58	117.7	92.7	139.1
43	229.3	0.0	0.0#
57	1057.9	0.0	0.0#

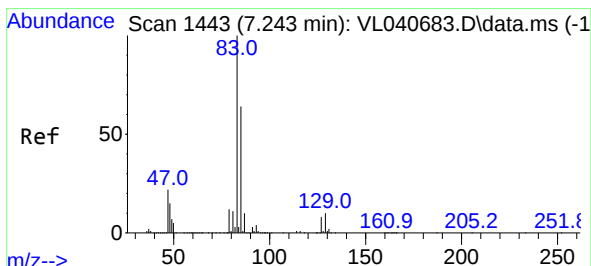
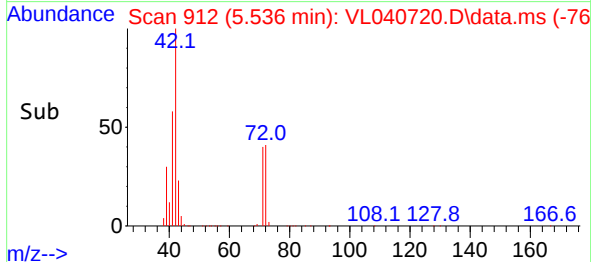
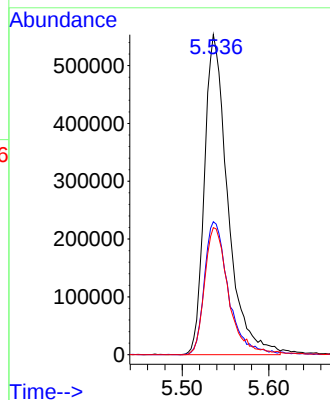
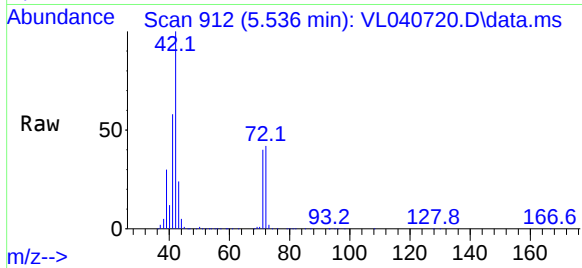




#41
Tetrahydrofuran
Concen: 11.289 ppbv
RT: 5.536 min Scan# 916
Delta R.T. -0.026 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

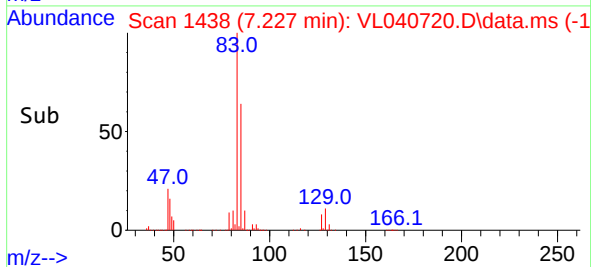
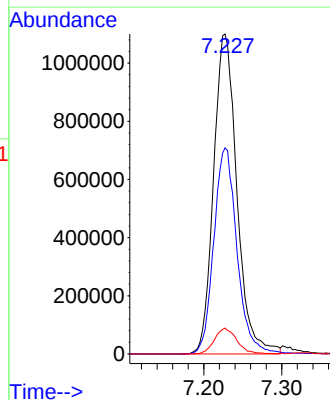
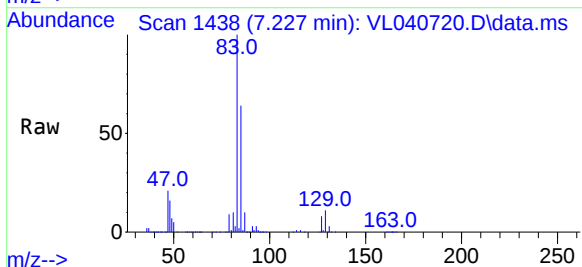
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

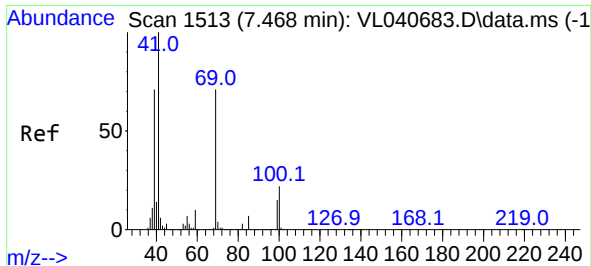
Tgt Ion: 42 Resp: 1037446
Ion Ratio Lower Upper
42 100
72 43.2 34.9 52.3
71 41.5 33.8 50.8



#42
Bromodichloromethane
Concen: 9.303 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 83 Resp: 2292563
Ion Ratio Lower Upper
83 100
85 64.4 51.2 76.8
127 8.1 6.2 9.4



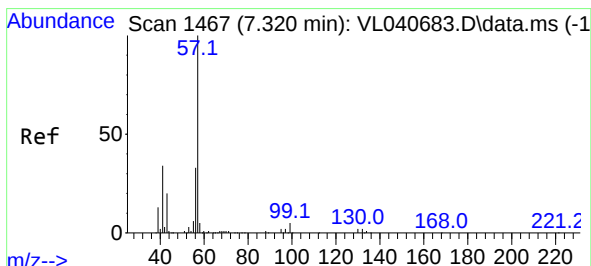
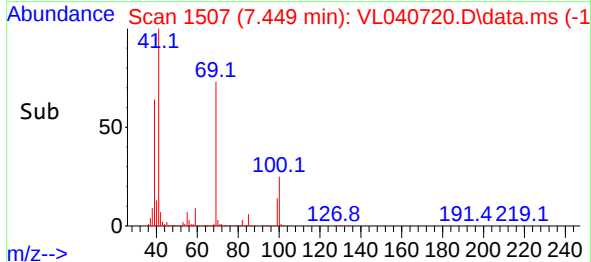
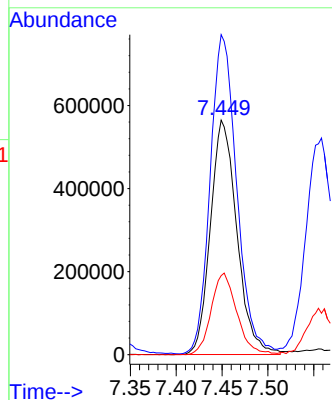
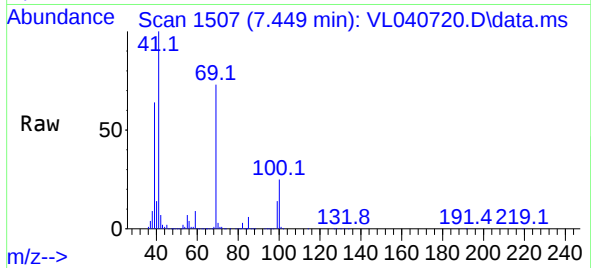


#43
Methyl Methacrylate
Concen: 11.552 ppbv
RT: 7.449 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1133075

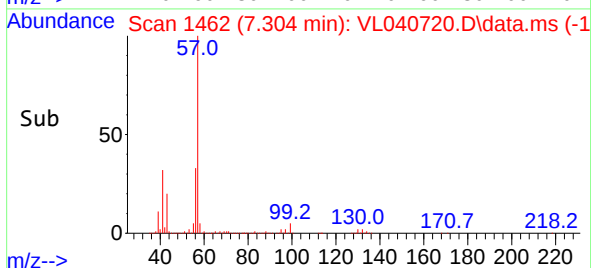
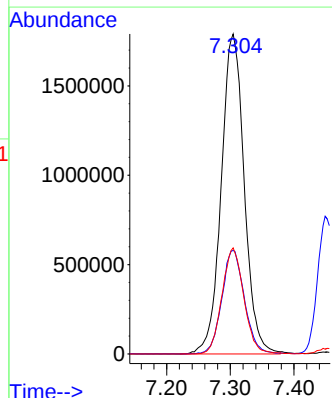
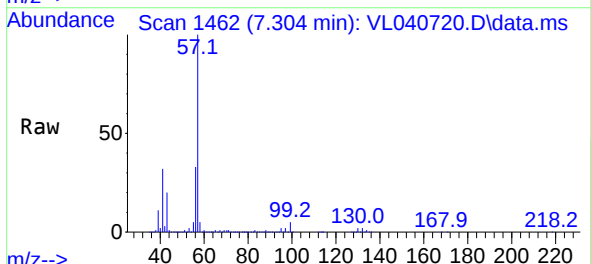
Ion	Ratio	Lower	Upper
69	100		
41	137.3	113.8	170.8
100	33.9	25.4	38.0

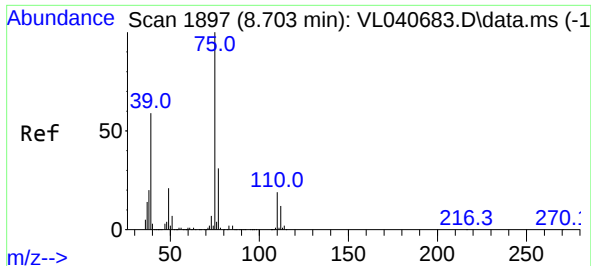


#44
2,2,4-Trimethylpentane
Concen: 10.700 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 57 Resp: 4495811

Ion	Ratio	Lower	Upper
57	100		
41	31.9	28.5	42.7
56	31.6	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 12.965 ppbv

RT: 8.684 min Scan# 1716

Delta R.T. -0.038 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

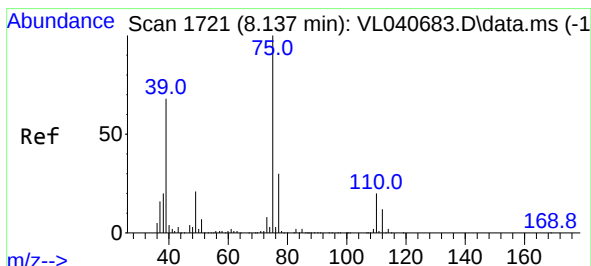
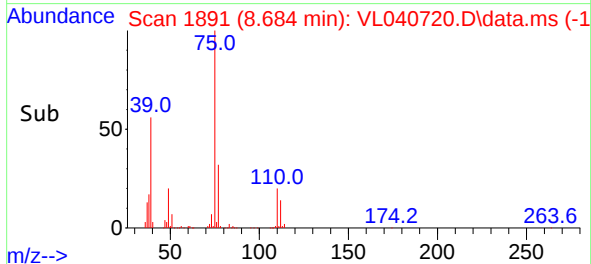
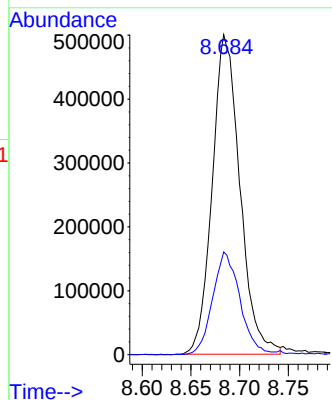
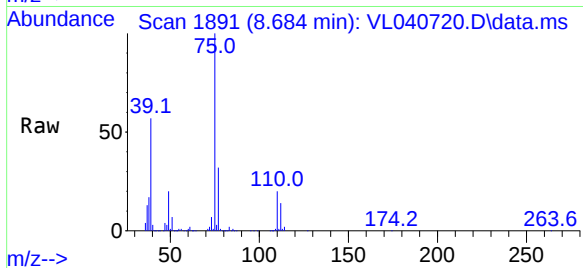
VSTDCCC010

Tgt Ion: 75 Resp: 986092

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 12.369 ppbv

RT: 8.121 min Scan# 1716

Delta R.T. -0.029 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

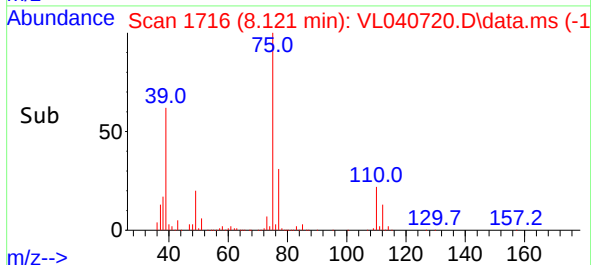
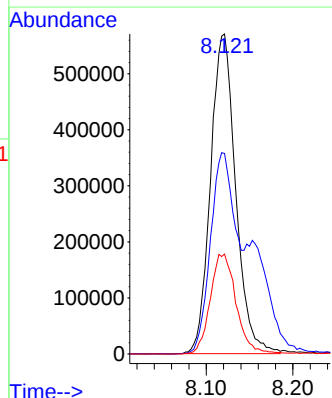
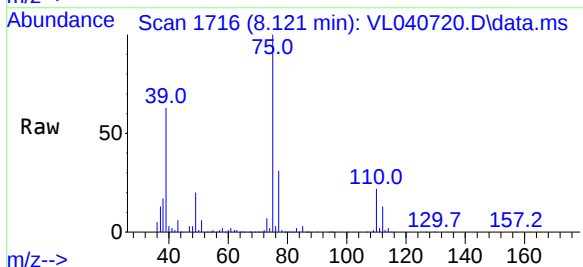
Tgt Ion: 75 Resp: 1151004

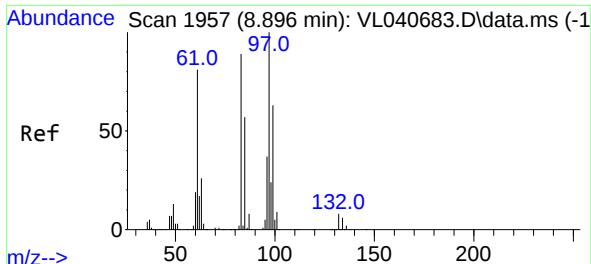
Ion Ratio Lower Upper

75 100

39 62.5 54.0 81.0

77 31.2 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 9.926 ppbv

RT: 8.873 min Scan# 1950

Delta R.T. -0.035 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 1157073

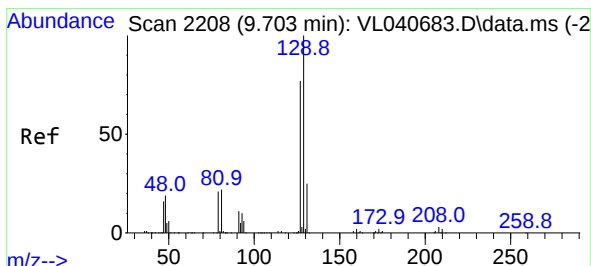
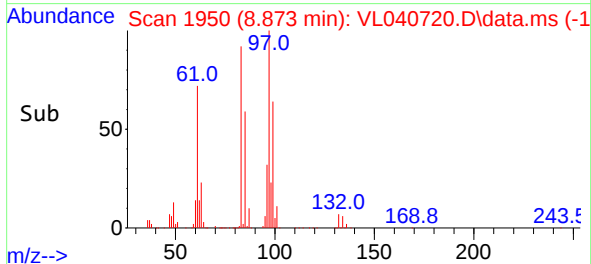
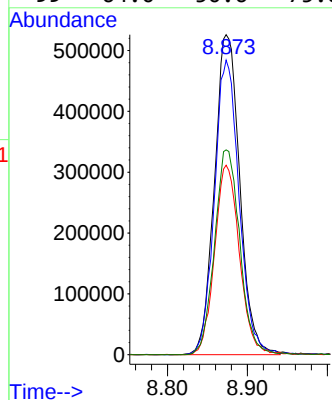
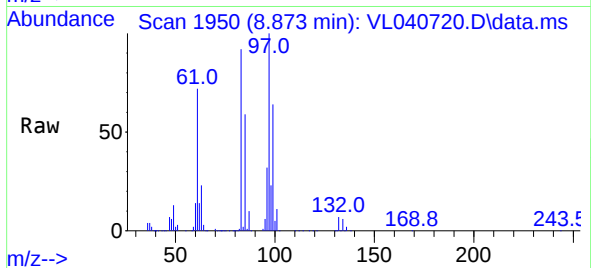
Ion Ratio Lower Upper

97 100

83 92.0 70.8 106.2

85 59.1 45.7 68.5

99 64.0 50.6 75.8



#48

Dibromochloromethane

Concen: 10.216 ppbv

RT: 9.680 min Scan# 2201

Delta R.T. -0.042 min

Lab File: VL040720.D

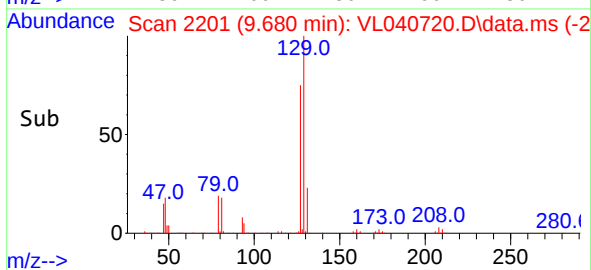
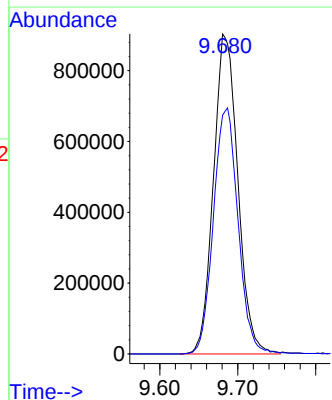
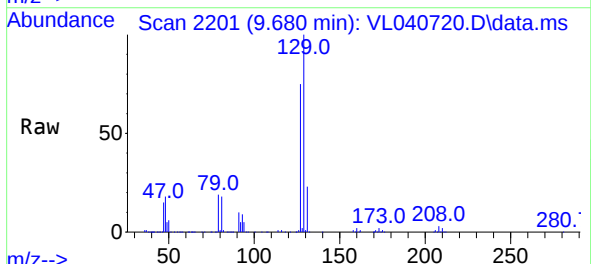
Acq: 27 Sep 2023 8:57

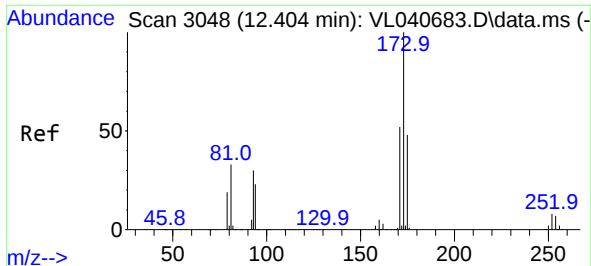
Tgt Ion: 129 Resp: 1964473

Ion Ratio Lower Upper

129 100

127 77.9 39.4 118.2

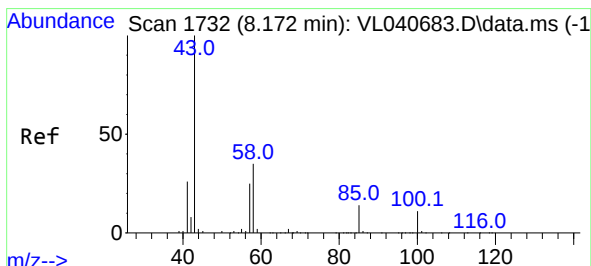
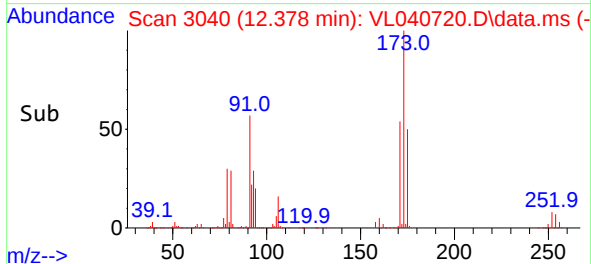
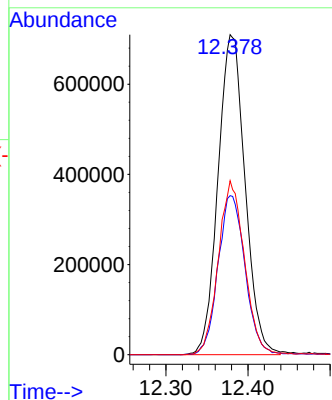
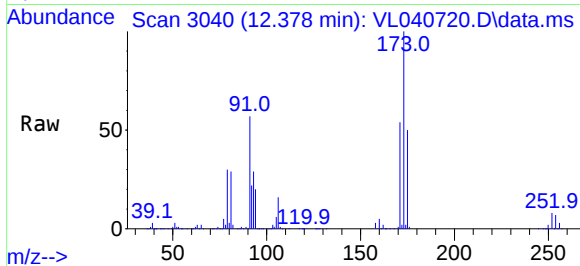




#49
Bromoform
Concen: 10.302 ppbv
RT: 12.378 min Scan# 3048
Delta R.T. -0.042 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

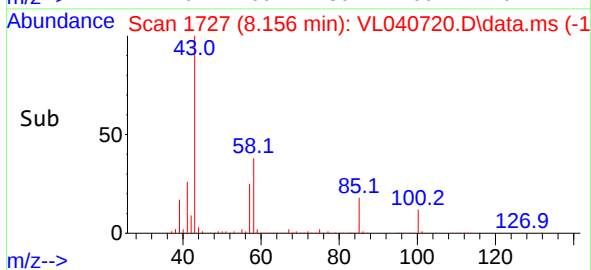
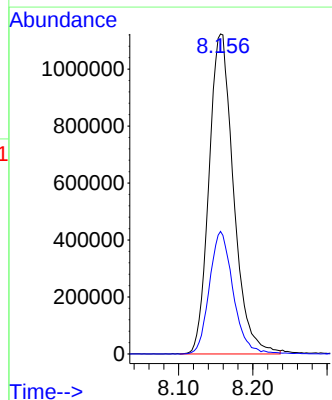
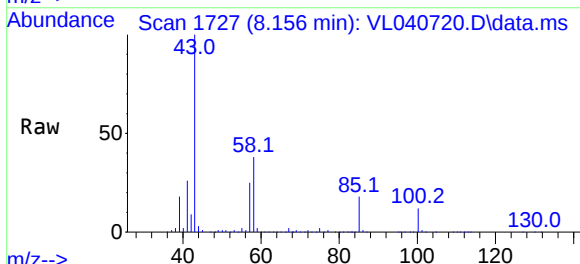
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

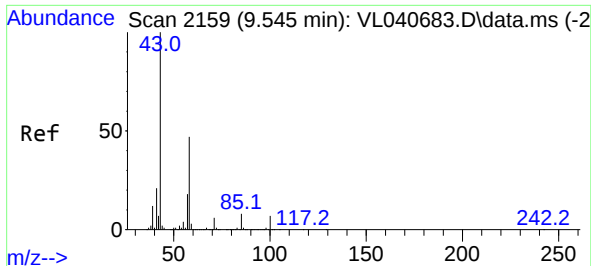
Tgt Ion:173 Resp: 1626951
Ion Ratio Lower Upper
173 100
175 50.0 38.8 58.2
171 53.1 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.650 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 43 Resp: 2579216
Ion Ratio Lower Upper
43 100
58 37.1 28.2 42.4



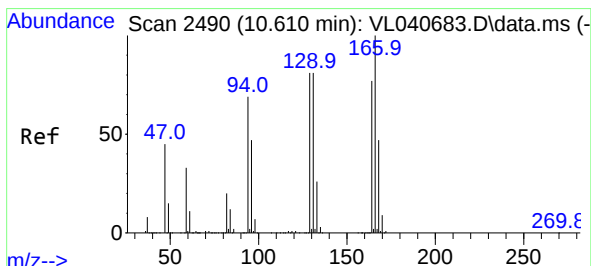
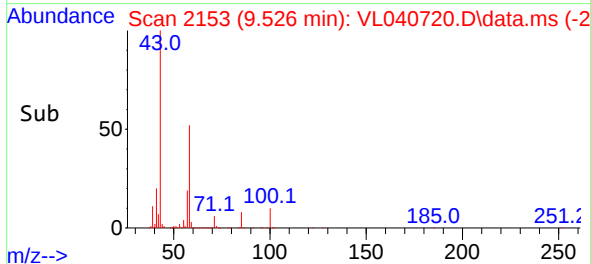
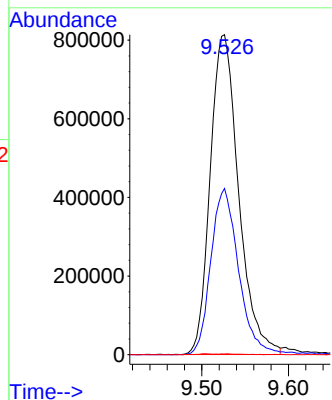
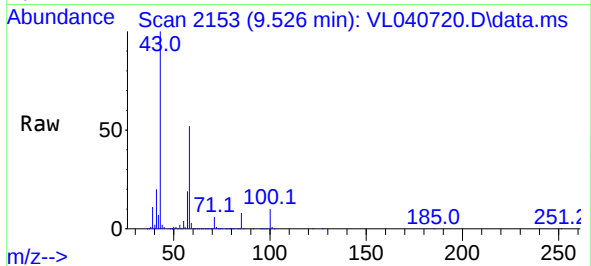


#51
2-Hexanone
Concen: 11.102 ppbv
RT: 9.526 min Scan# 2159
Delta R.T. -0.029 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1855633

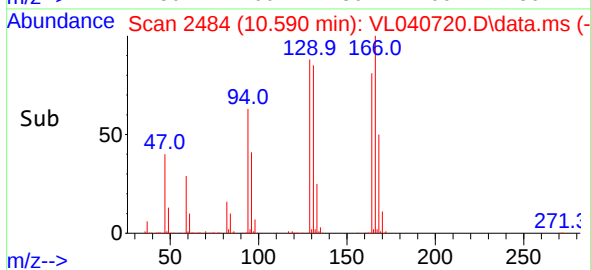
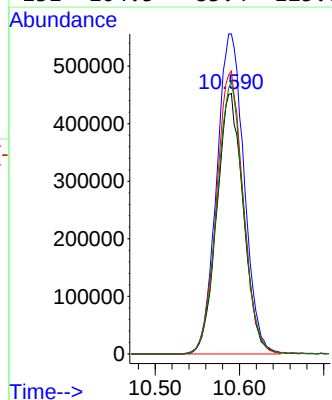
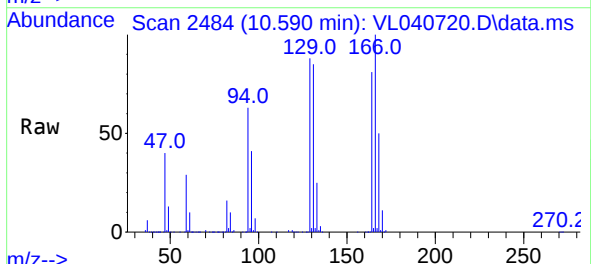
Ion	Ratio	Lower	Upper
43	100		
58	51.4	37.6	56.4
98	0.4	0.6	1.0

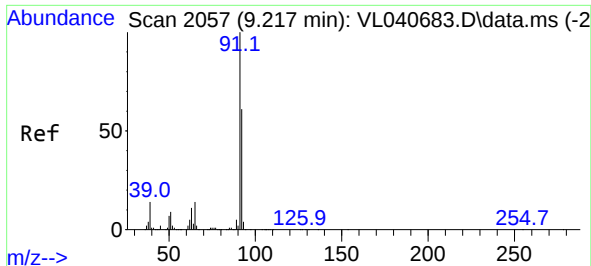


#52
Tetrachloroethene
Concen: 11.484 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:164 Resp: 988488

Ion	Ratio	Lower	Upper
164	100		
166	122.7	103.4	155.2
129	108.5	83.5	125.3
131	104.5	83.4	125.0

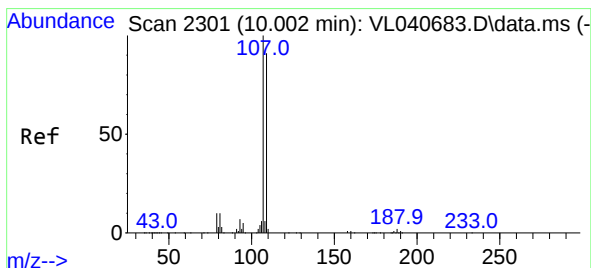
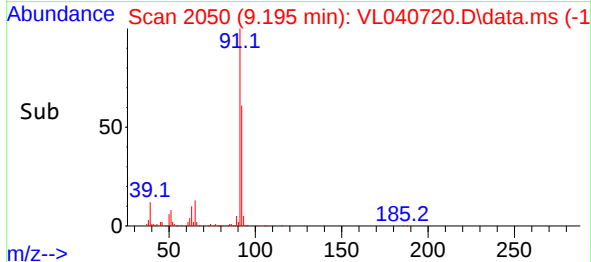
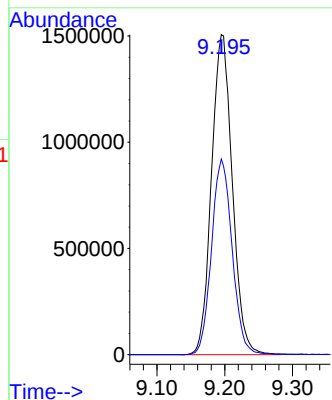
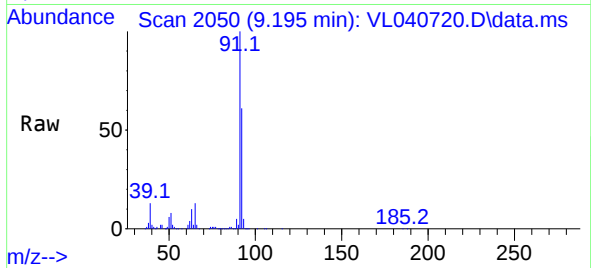




#53
Toluene
Concen: 11.534 ppbv
RT: 9.195 min Scan# 2057
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

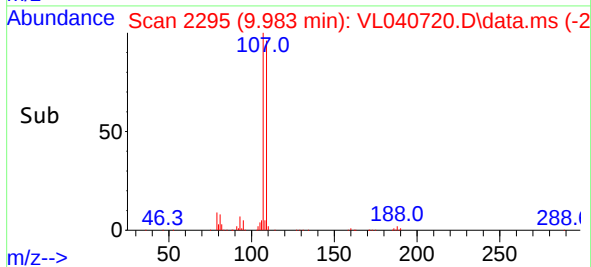
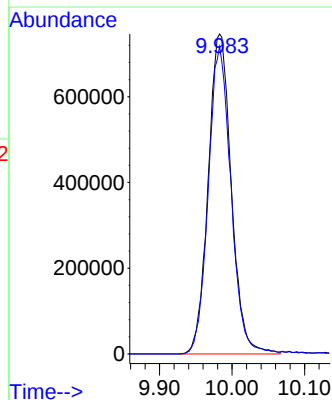
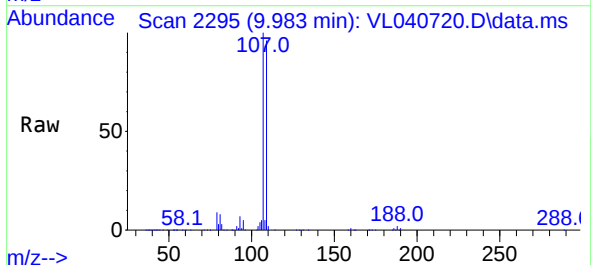
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

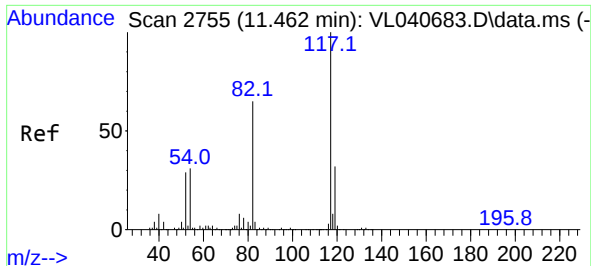
Tgt Ion: 91 Resp: 3213381
Ion Ratio Lower Upper
91 100
92 60.6 48.5 72.7



#54
1,2-Dibromoethane
Concen: 11.111 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 107 Resp: 1653139
Ion Ratio Lower Upper
107 100
109 96.1 72.4 108.6

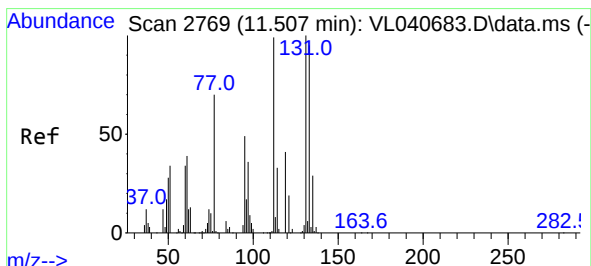
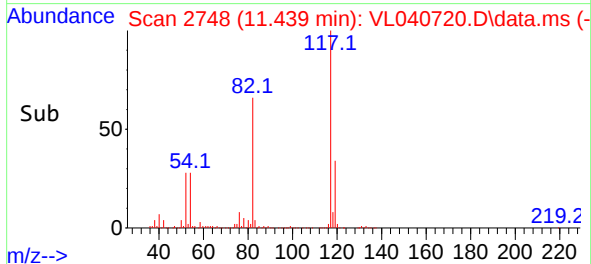
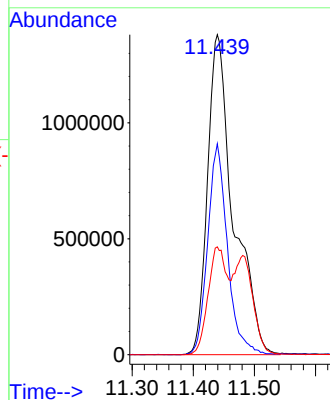
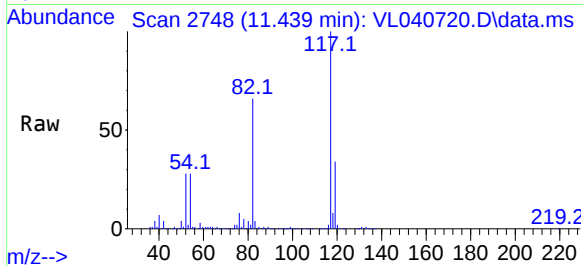




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

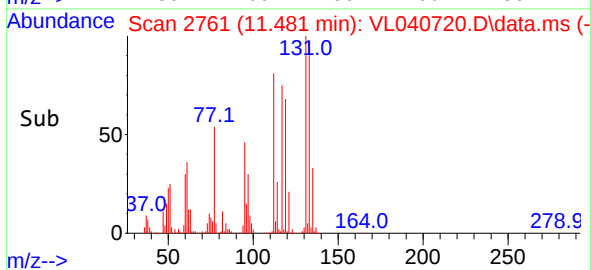
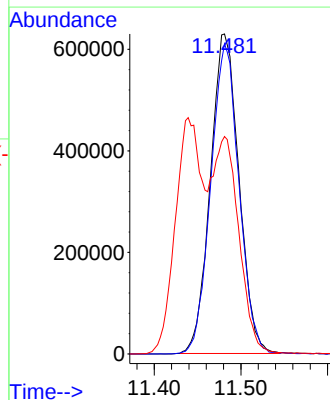
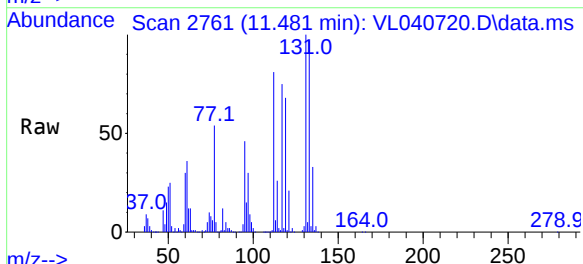
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

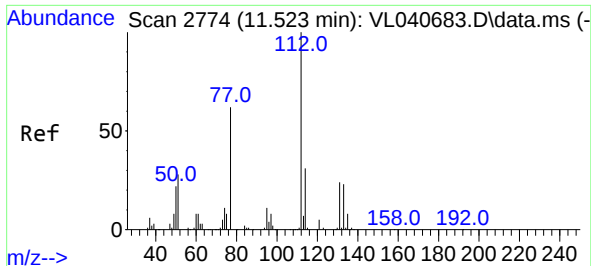
Tgt Ion:117 Resp: 4069959
Ion Ratio Lower Upper
117 100
82 50.4 51.4 77.0#
119 25.6 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.420 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:131 Resp: 1439518
Ion Ratio Lower Upper
131 100
133 96.3 76.2 114.2
119 58.9 45.5 68.3

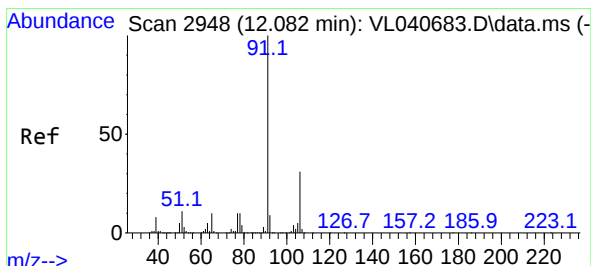
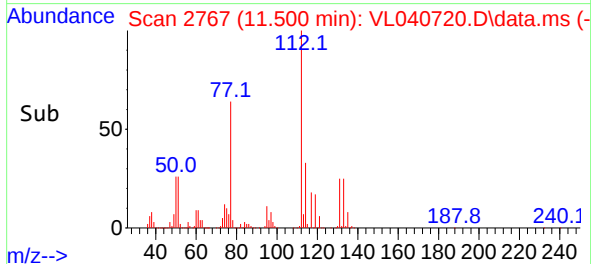
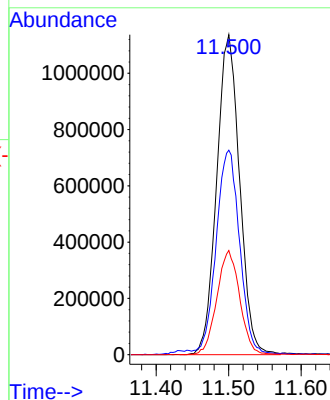
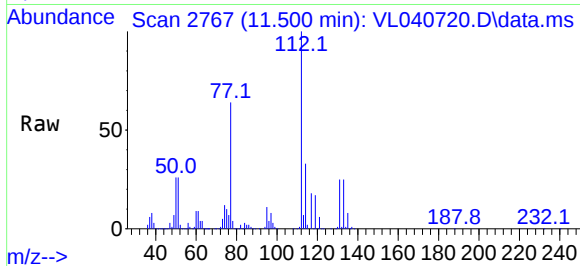




#57
Chlorobenzene
Concen: 8.101 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

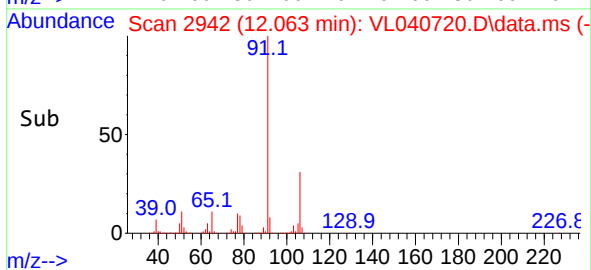
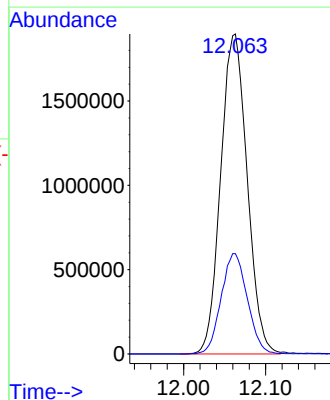
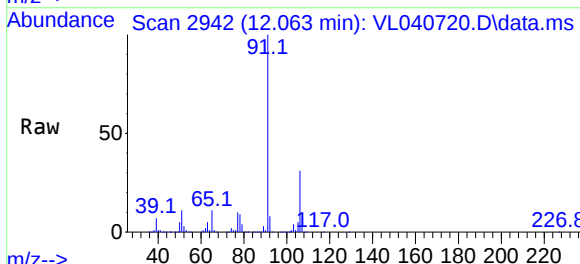
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

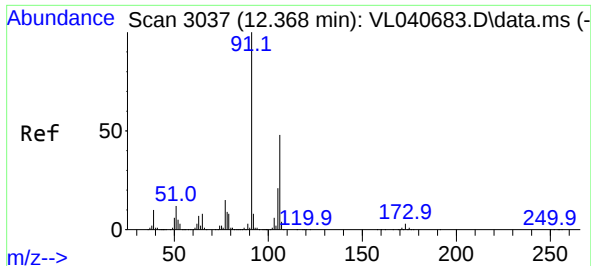
Tgt Ion:112 Resp: 2496751
Ion Ratio Lower Upper
112 100
77 63.5 50.8 76.2
114 32.5 28.2 34.4



#58
Ethyl Benzene
Concen: 9.188 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 91 Resp: 4263178
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

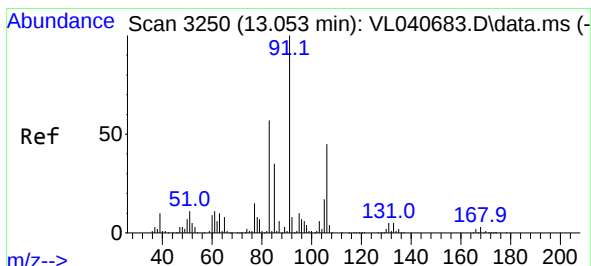
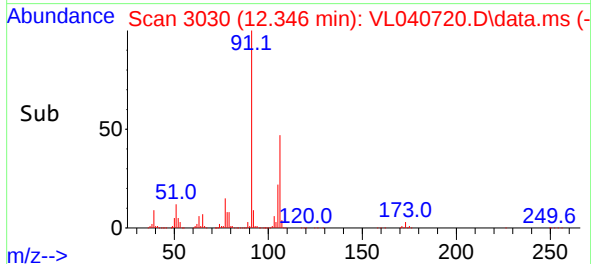
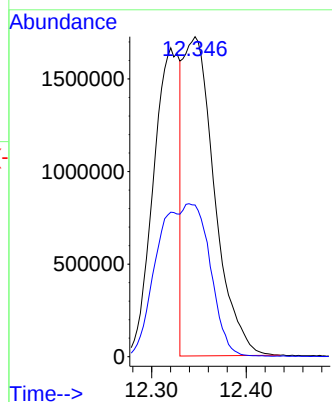
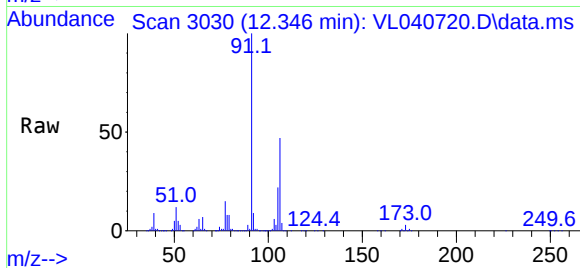




#59
m/p-Xylene
Concen: 9.053 ppbv
RT: 12.346 min Scan# 3037
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

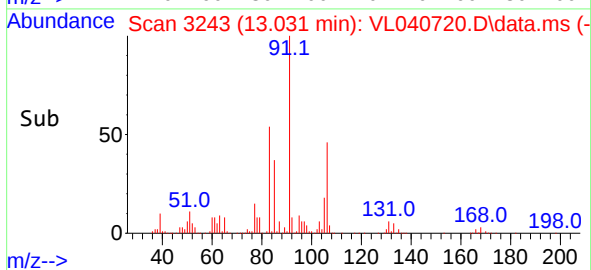
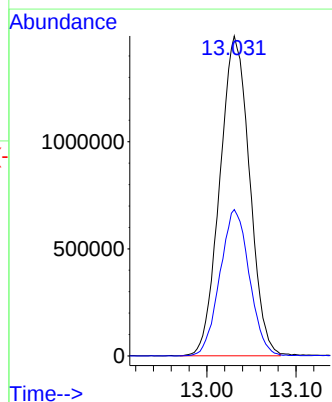
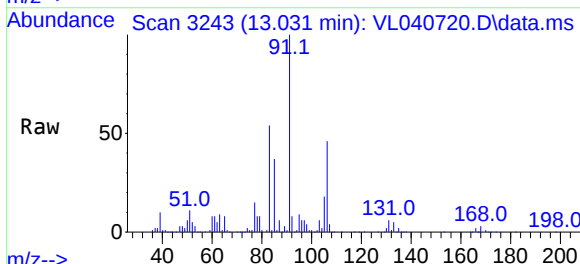
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

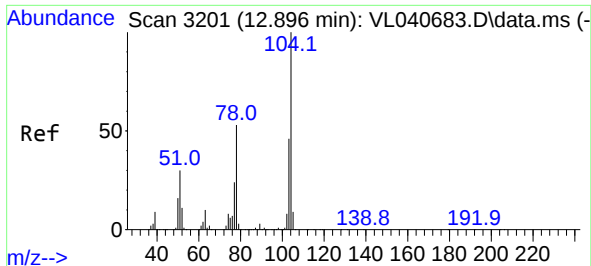
Tgt Ion: 91 Resp: 3944656
Ion Ratio Lower Upper
91 100
106 81.7 34.8 52.2#



#60
o-Xylene
Concen: 8.316 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 91 Resp: 3455467
Ion Ratio Lower Upper
91 100
106 45.5 22.3 66.9

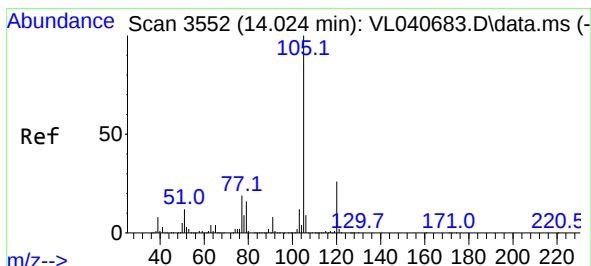
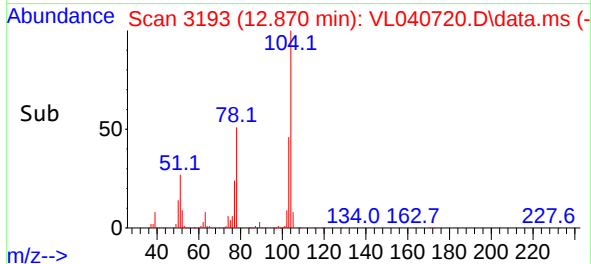
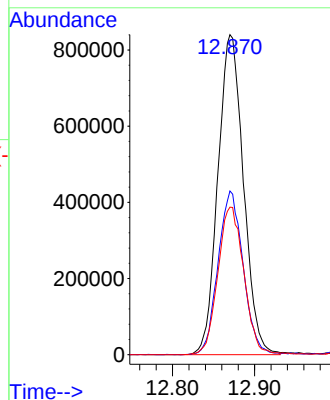
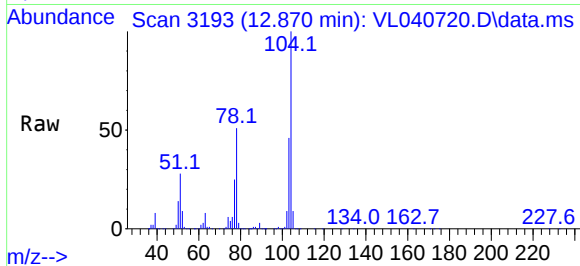




#61
Styrene
Concen: 10.451 ppbv
RT: 12.870 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

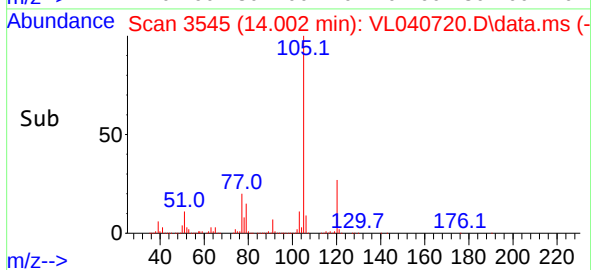
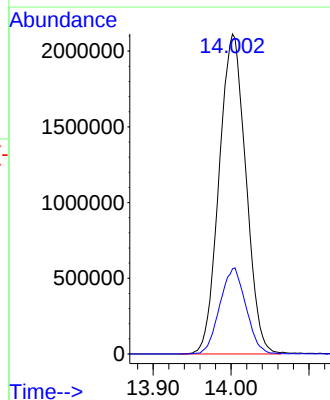
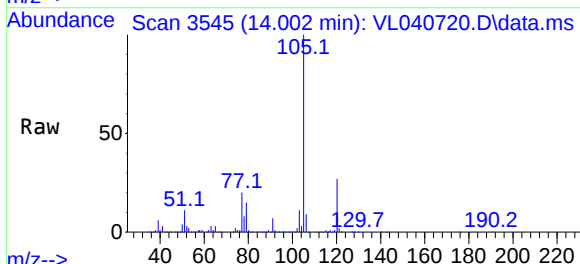
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

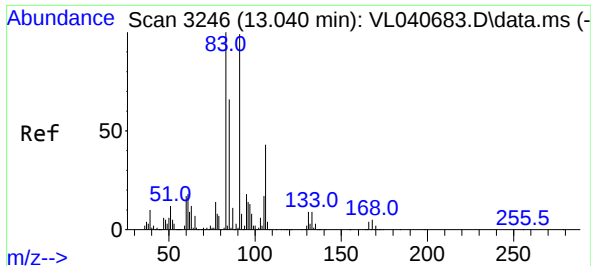
Tgt Ion:104 Resp: 1819971
Ion Ratio Lower Upper
104 100
78 50.5 43.4 65.0
103 47.1 37.2 55.8



#62
Isopropylbenzene
Concen: 8.022 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:105 Resp: 5032803
Ion Ratio Lower Upper
105 100
120 26.4 20.2 30.4

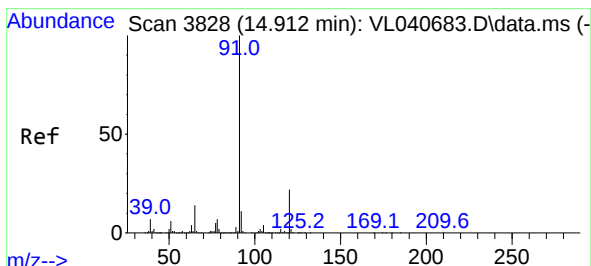
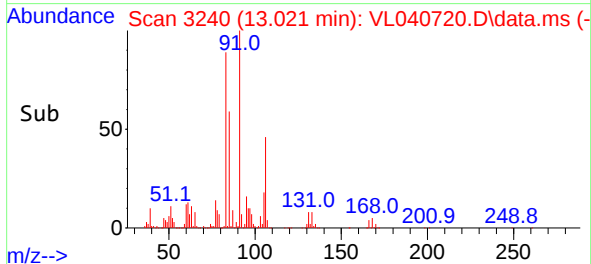
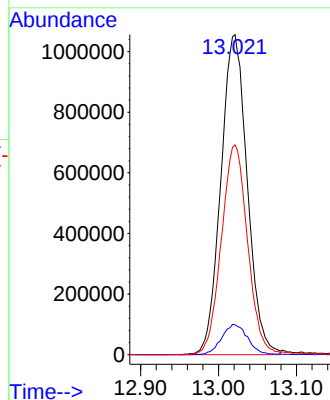
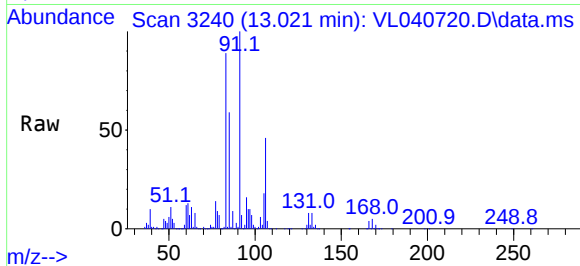




#63
1,1,2-Tetrachloroethane
Concen: 7.622 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

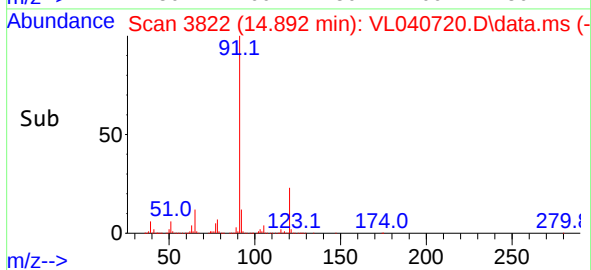
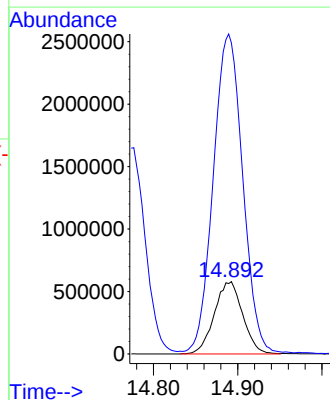
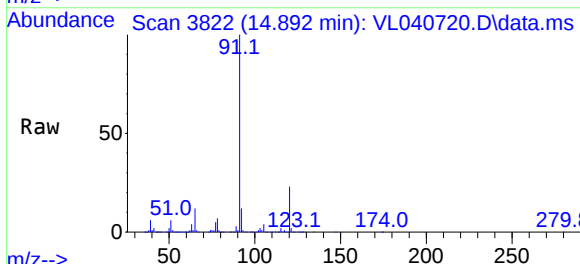
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

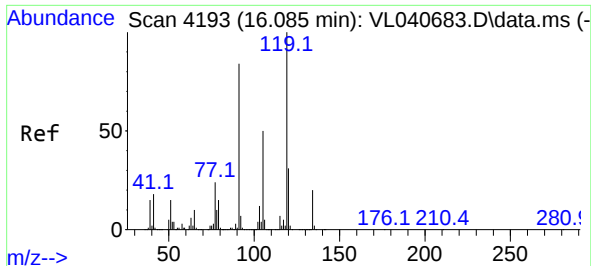
Tgt Ion: 83 Resp: 2482460
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.7 33.1 99.3



#64
n-propylbenzene
Concen: 8.616 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:120 Resp: 1351643
Ion Ratio Lower Upper
120 100
91 463.2 386.9 580.3

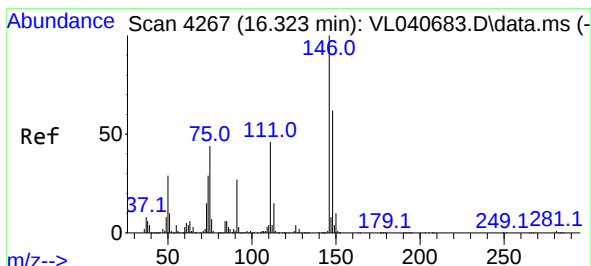
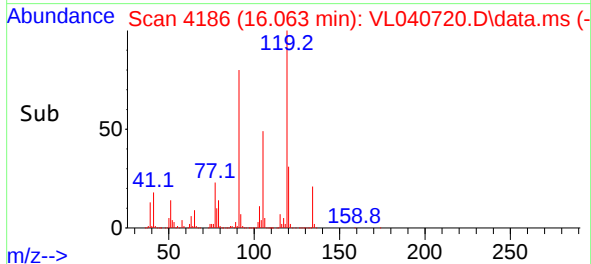
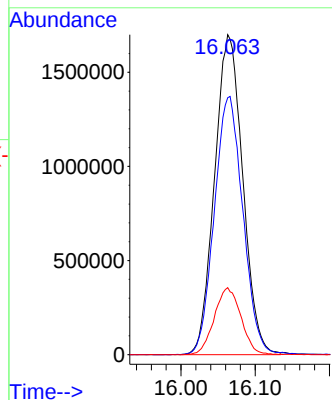
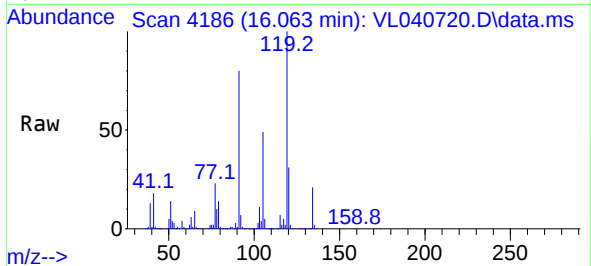




#65
tert-Butylbenzene
Concen: 7.949 ppbv
RT: 16.063 min Scan# 4193
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

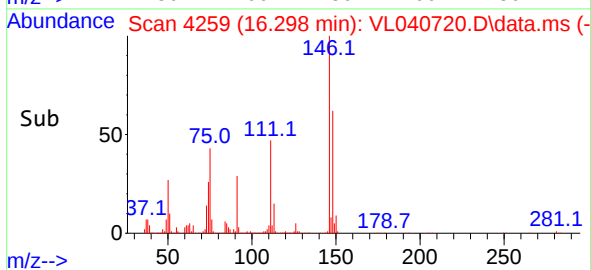
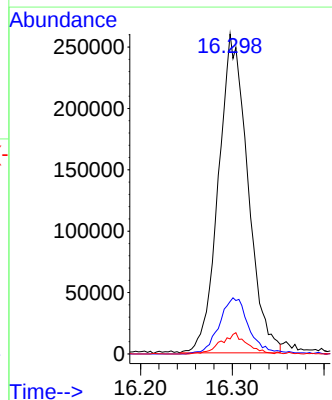
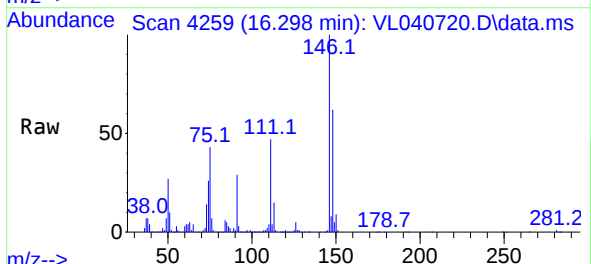
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

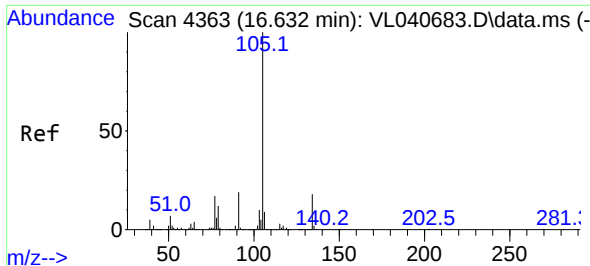
Tgt Ion:119 Resp: 4476112
Ion Ratio Lower Upper
119 100
91 82.1 69.8 104.8
134 19.9 15.4 23.2



#66
Benzyl Chloride
Concen: 8.771 ppbv
RT: 16.298 min Scan# 4259
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 91 Resp: 576423
Ion Ratio Lower Upper
91 100
126 18.2 13.6 20.4
128 5.9 4.4 6.6

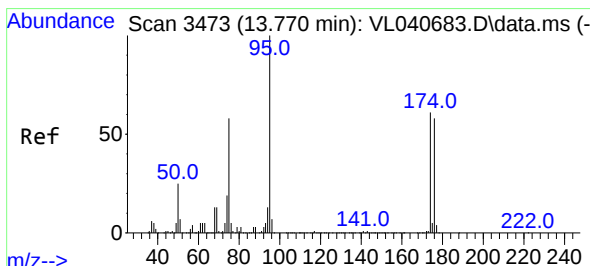
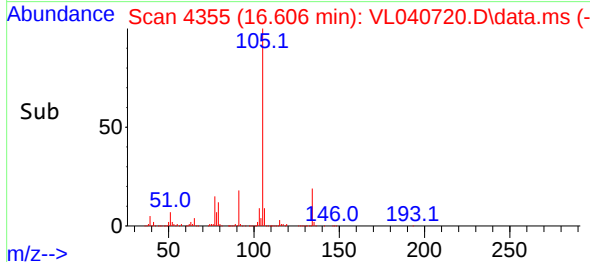
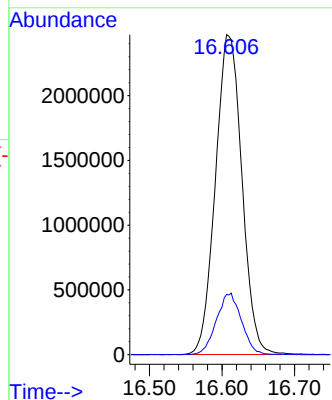
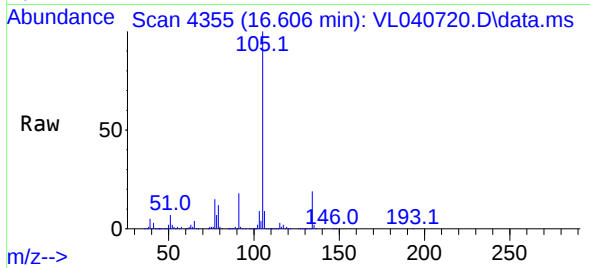




#67
 sec-Butylbenzene
 Concen: 7.749 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.038 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

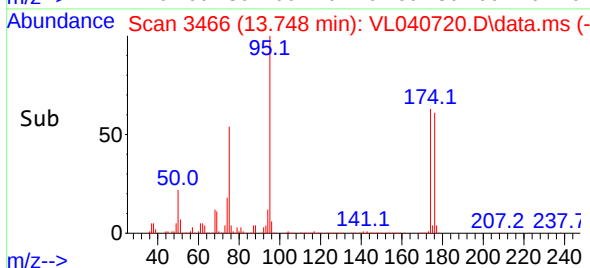
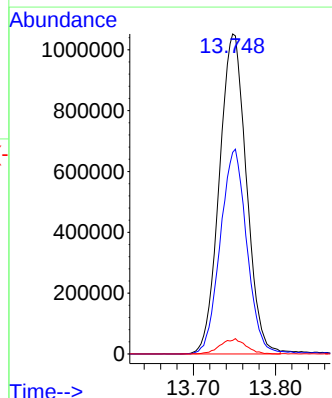
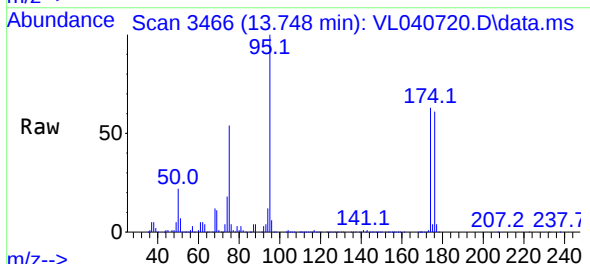
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

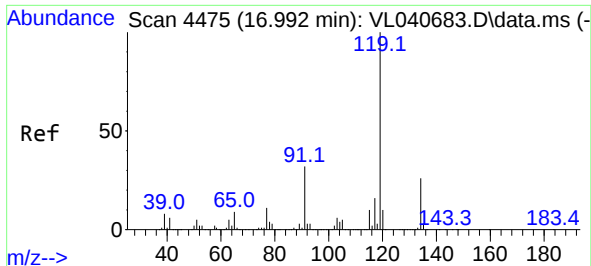
Tgt Ion:105 Resp: 6246321
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.648 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. -0.038 min
 Lab File: VL040720.D
 Acq: 27 Sep 2023 8:57

Tgt Ion: 95 Resp: 2404764
 Ion Ratio Lower Upper
 95 100
 174 63.8 48.9 73.3
 175 4.6 3.5 5.3

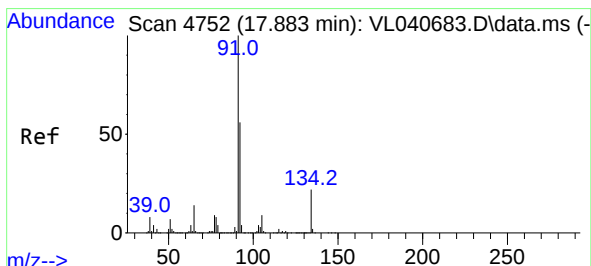
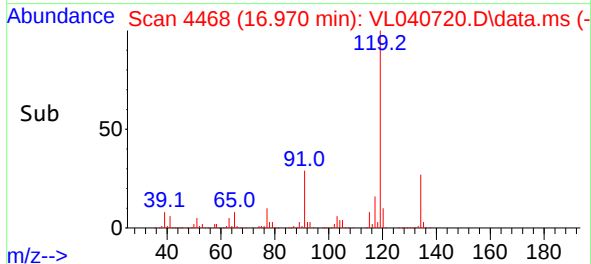
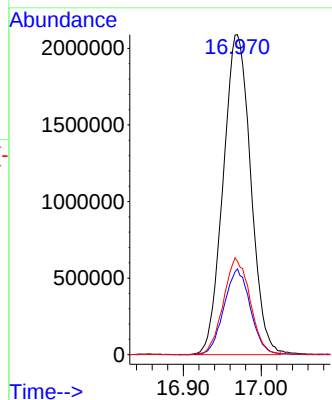
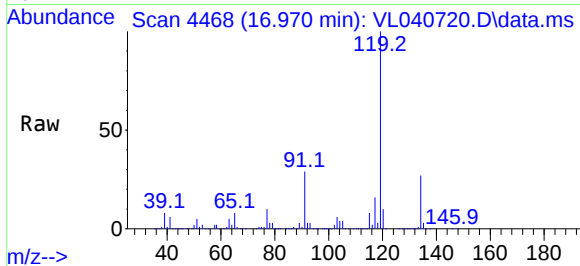




#69
p-Isopropyltoluene
Concen: 8.096 ppbv
RT: 16.970 min Scan# 4475
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

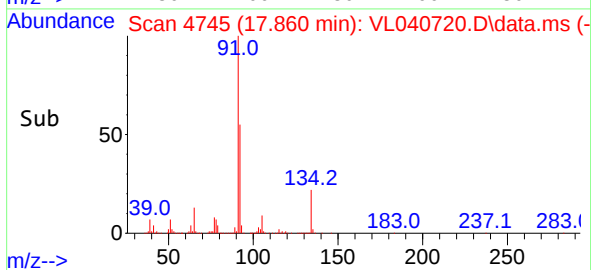
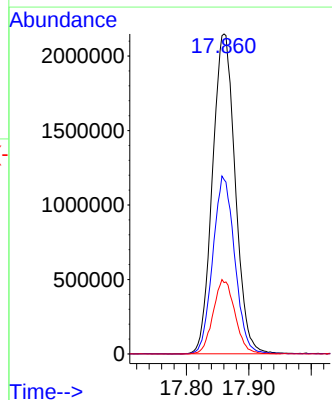
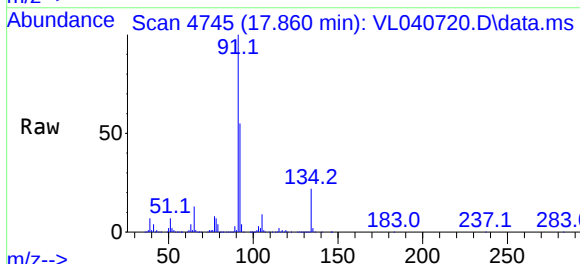
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

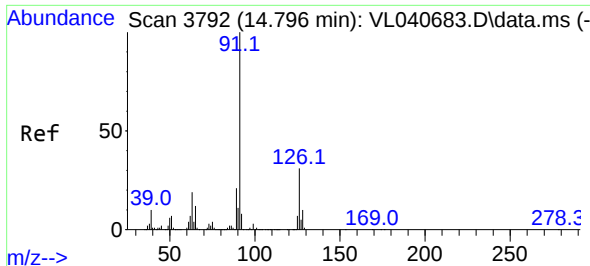
Tgt Ion:119 Resp: 5129283
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 29.4 25.0 37.6



#70
n-Butylbenzene
Concen: 7.797 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 91 Resp: 5437105
Ion Ratio Lower Upper
91 100
92 53.8 42.7 64.1
134 22.4 17.0 25.4

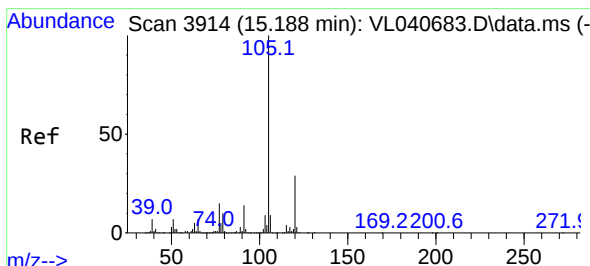
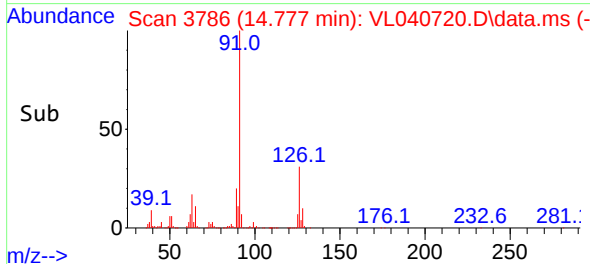
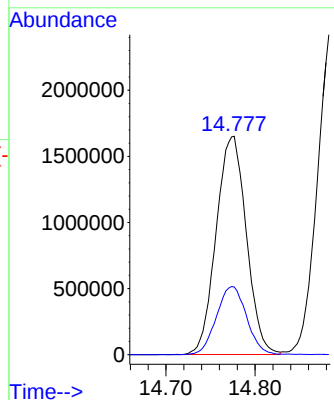
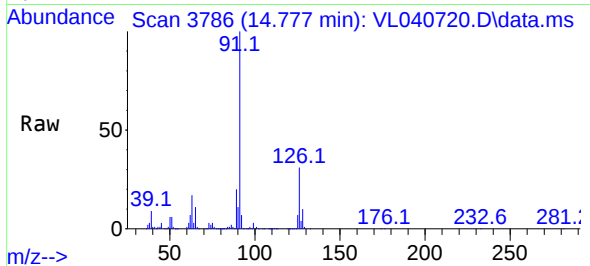




#71
2-Chlorotoluene
Concen: 8.374 ppbv
RT: 14.777 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

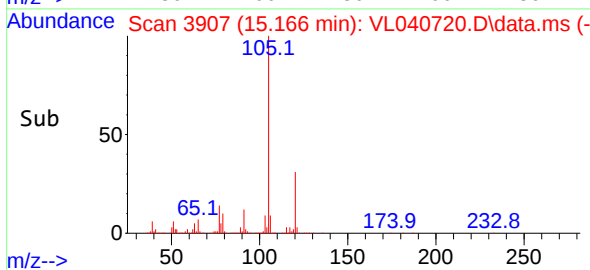
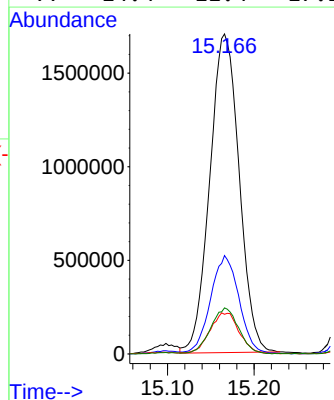
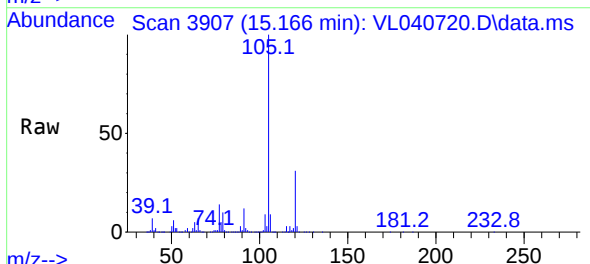
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

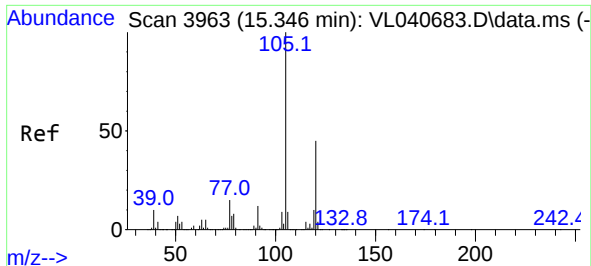
Tgt Ion: 91 Resp: 3886955
Ion Ratio Lower Upper
91 100
126 31.4 12.0 47.8



#72
4-Ethyltoluene
Concen: 8.609 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion: 105 Resp: 4011794
Ion Ratio Lower Upper
105 100
120 30.3 23.9 35.9
91 13.5 11.0 16.4
77 14.4 11.4 17.2

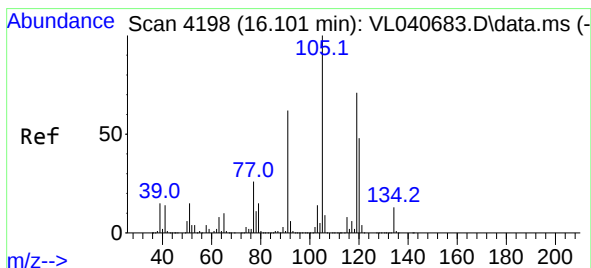
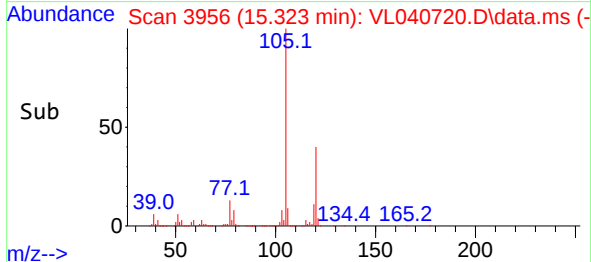
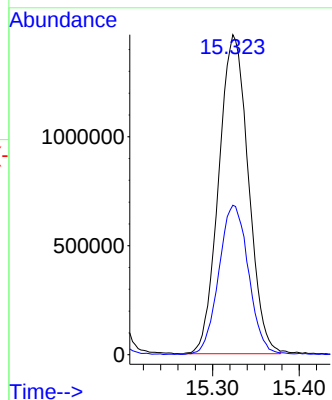
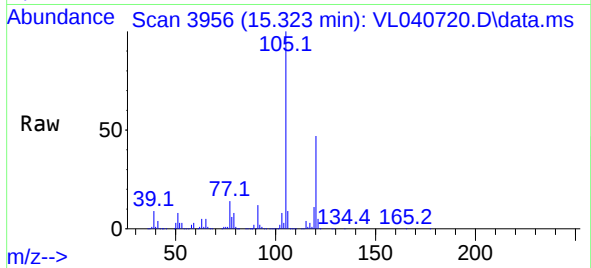




#73
1,3,5-Trimethylbenzene
Concen: 8.280 ppbv
RT: 15.323 min Scan# 3963
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

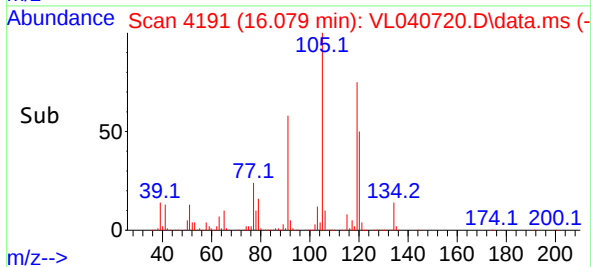
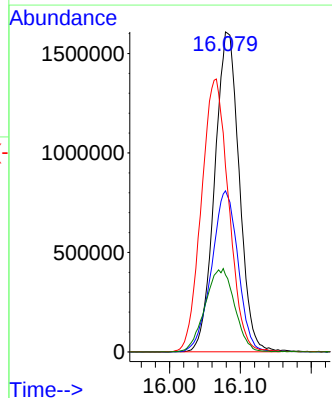
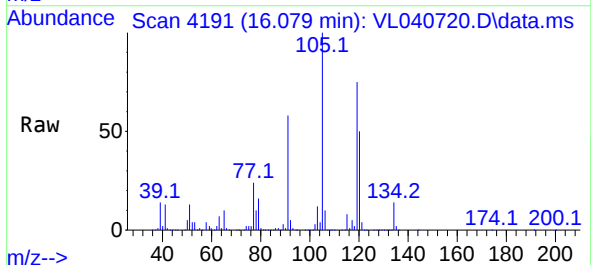
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

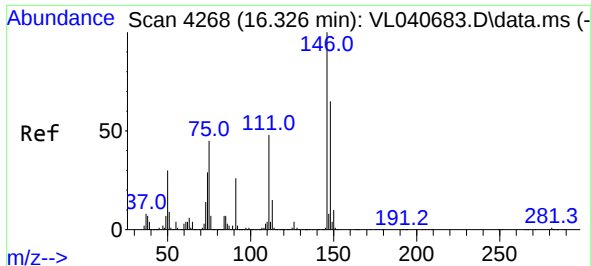
Tgt Ion:105 Resp: 3474025
Ion Ratio Lower Upper
105 100
120 46.8 36.1 54.1



#74
1,2,4-Trimethylbenzene
Concen: 7.574 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:105 Resp: 3874049
Ion Ratio Lower Upper
105 100
120 50.2 38.6 57.8
91 57.9 50.0 75.0
77 23.9 20.6 31.0

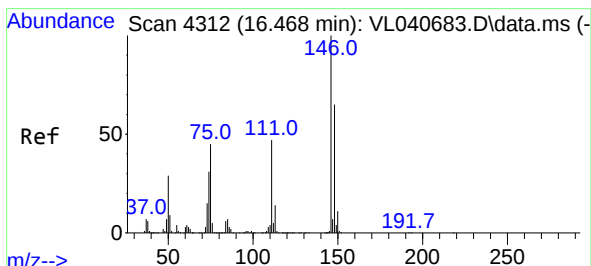
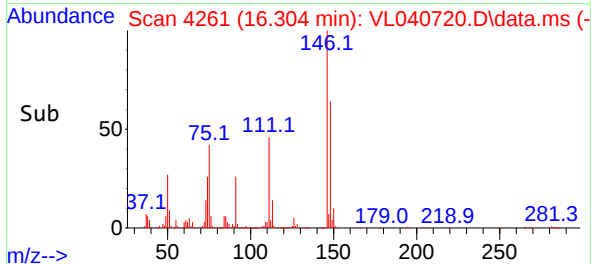
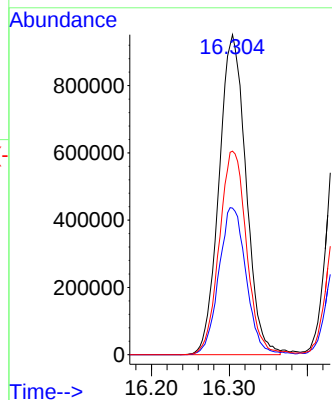
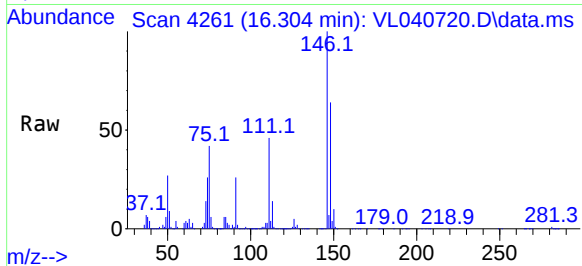




#75
1,3-Dichlorobenzene
Concen: 7.839 ppbv
RT: 16.304 min Scan# 4305
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

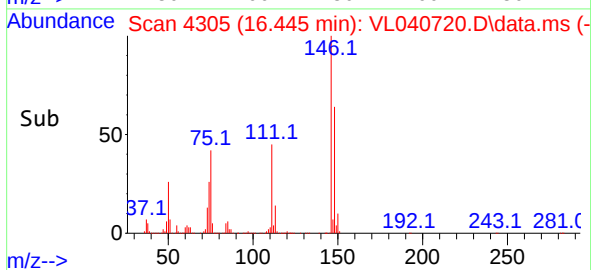
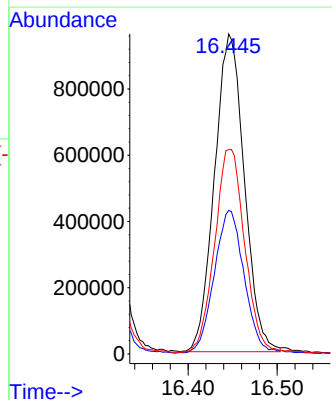
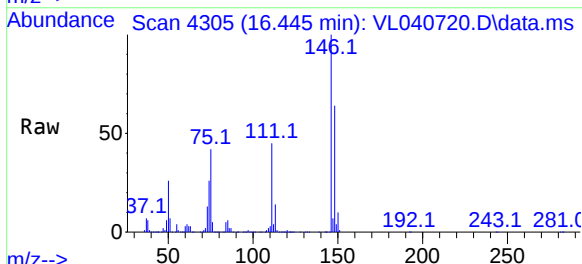
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

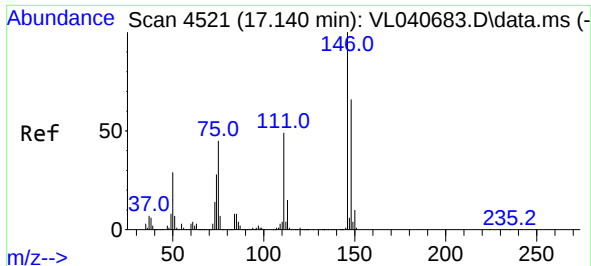
Tgt Ion:146 Resp: 2284593
Ion Ratio Lower Upper
146 100
111 46.6 23.9 71.7
148 64.7 31.8 95.4



#76
1,4-Dichlorobenzene
Concen: 7.778 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. -0.035 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:146 Resp: 2230323
Ion Ratio Lower Upper
146 100
111 45.7 23.8 71.2
148 65.7 32.6 97.7

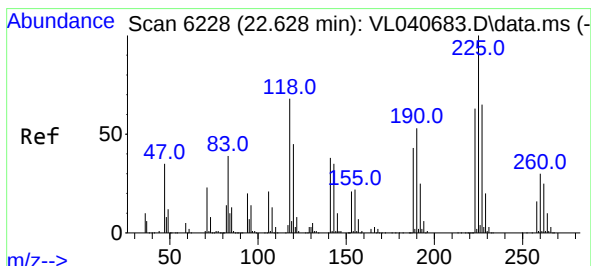
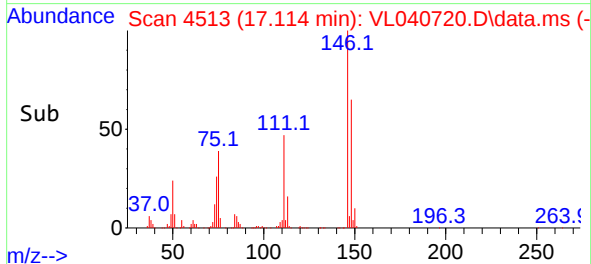
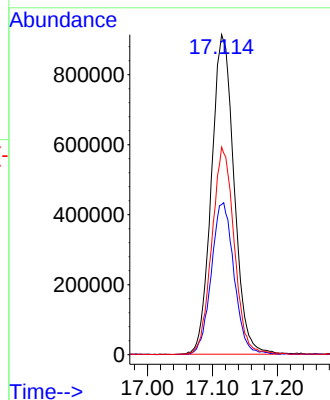
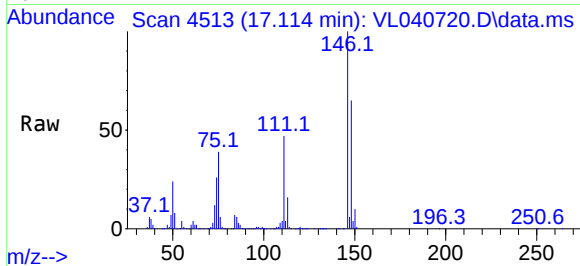




#77
1,2-Dichlorobenzene
Concen: 7.610 ppbv
RT: 17.114 min Scan# 4513
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

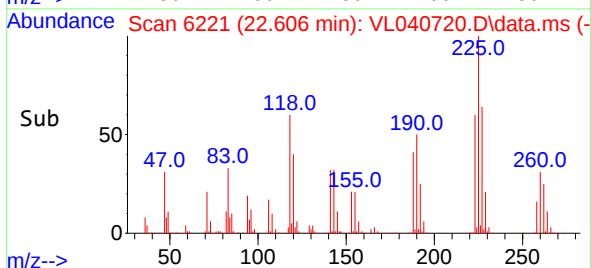
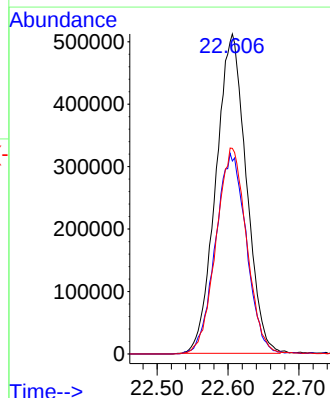
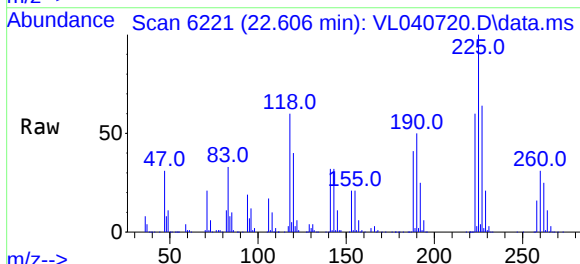
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

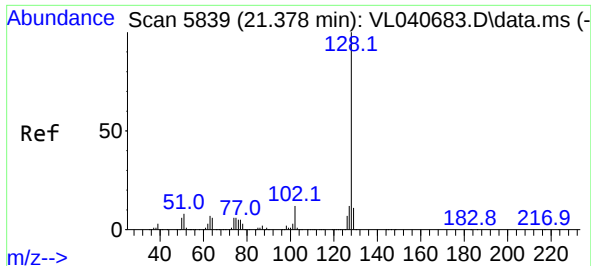
Tgt Ion:146 Resp: 2208979
Ion Ratio Lower Upper
146 100
111 47.8 25.0 75.0
148 64.1 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 6.939 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.032 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:225 Resp: 1524091
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 65.1 50.7 76.1

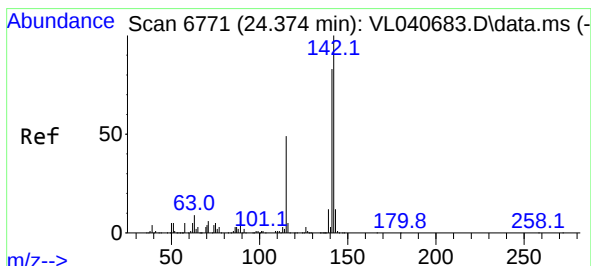
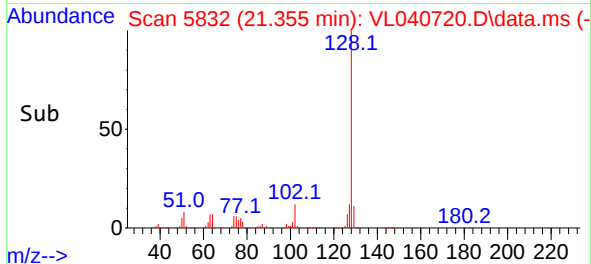
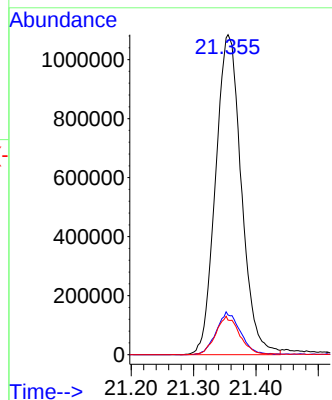
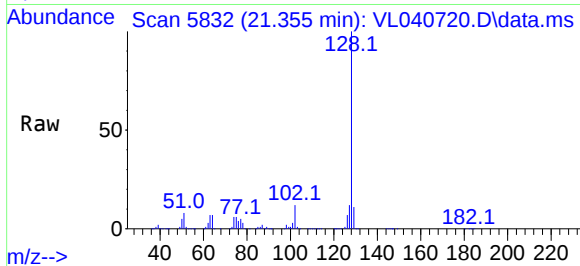




#79
Naphthalene
Concen: 9.778 ppbv
RT: 21.355 min Scan# 51
Delta R.T. -0.038 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

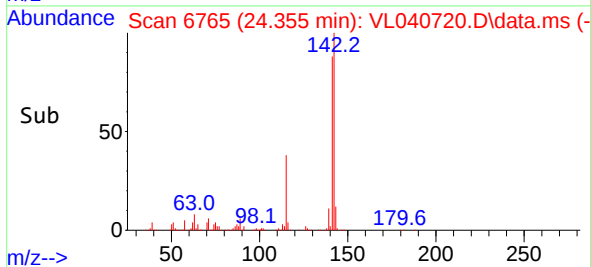
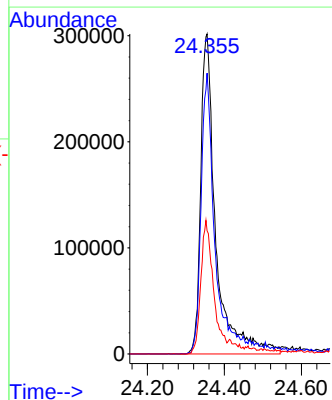
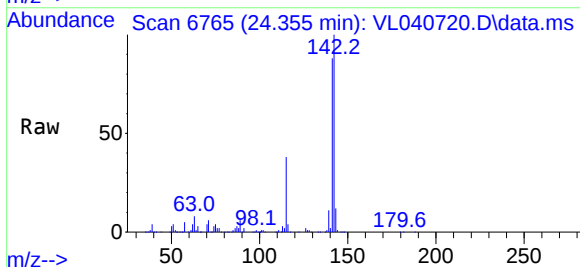
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 3112217
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 10.8 8.4 12.6

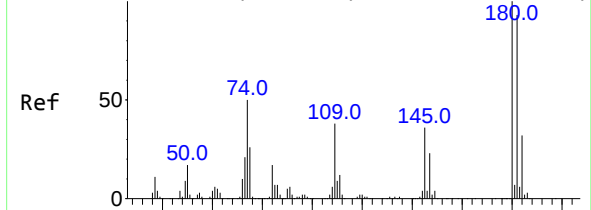


#80
Naphthalene,2-methyl-
Concen: 10.571 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.026 min
Lab File: VL040720.D
Acq: 27 Sep 2023 8:57

Tgt Ion:142 Resp: 824107
Ion Ratio Lower Upper
142 100
141 84.9 67.0 100.6
115 41.0 37.4 56.2



Abundance Scan 5764 (21.136 min): VL040683.D\data.ms (-



#81

1,2,4-Trichlorobenzene

Concen: 7.928 ppbv

RT: 21.114 min Scan# 51

Delta R.T. -0.035 min

Lab File: VL040720.D

Acq: 27 Sep 2023 8:57

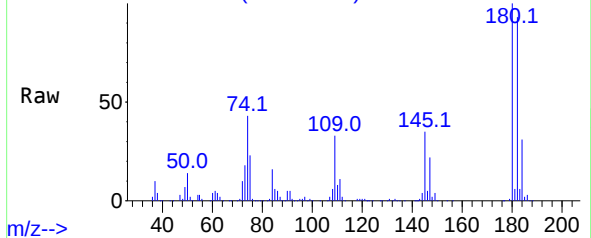
Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Abundance Scan 5757 (21.114 min): VL040720.D\data.ms



Tgt Ion:180 Resp: 1648369

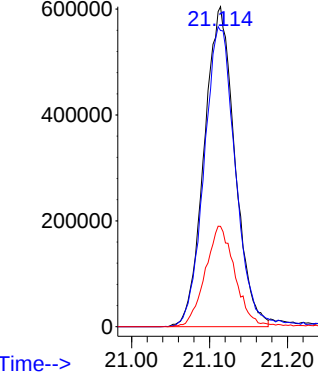
Ion Ratio Lower Upper

180 100

182 96.3 77.9 116.9

184 30.8 24.4 36.6

Abundance



Abundance Scan 5757 (21.114 min): VL040720.D\data.ms (-

