

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040591.D
 Acq On : 7 Aug 2023 9:04
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Aug 08 01:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1195268	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2939992	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3552195	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2433717	8.657	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	2381430	9.961	ppbv	100
3) Chlorodifluoromethane	2.674	51	1730358	9.133	ppbv	96
4) Chloromethane	2.816	50	660114	8.795	ppbv	94
5) Vinyl Chloride	2.922	62	731327	9.280	ppbv	99
6) Bromomethane	3.121	94	312366	9.391	ppbv	99
7) Chloroethane	3.198	64	264180	9.554	ppbv	98
8) Dichlorotetrafluoroethane	2.857	85	1892287	9.620	ppbv	99
9) Propene	2.693	41	508804	7.845	ppbv	97
10) Heptane	7.581	43	1347575	9.409	ppbv	100
11) Trichlorofluoromethane	3.562	101	2015104	10.445	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1419989	10.452	ppbv	95
13) Ethanol	3.240	45	111382	7.893	ppbv	100
14) Bromoethene	3.369	108	604619	10.349	ppbv	97
15) Acetone	3.468	43	1316877	9.571	ppbv	97
16) 1,3-Butadiene	2.986	39	667323	9.614	ppbv	99
17) tert-Butyl alcohol	3.877	59	1366555	9.603	ppbv	99
18) 1,1-Dichloroethene	3.883	96	638657	10.225	ppbv	97
19) Isopropyl Alcohol	3.578	45	770059	9.750	ppbv	# 96
20) Methylene Chloride	3.935	84	562683	9.615	ppbv	98
21) Allyl Chloride	3.999	41	739840	9.416	ppbv	93
22) trans-1,2-Dichloroethene	4.446	96	637148	10.339	ppbv	97
23) Vinyl Acetate	4.626	43	1400368	10.684	ppbv	# 98
24) 1,1-Dichloroethane	4.565	63	1313863	9.875	ppbv	99
25) Ethyl Acetate	5.205	43	2408769	9.196	ppbv	99
26) Hexane	5.211	57	1065467	8.756	ppbv	95
27) Carbon Disulfide	4.124	76	1606707	11.225	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	922787	9.420	ppbv	100
29) Chloroform	5.279	83	1894564	9.387	ppbv	99
30) Cyclohexane	6.603	84	882269	8.713	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	1085241	9.023	ppbv	98
32) 1,1,1-Trichloroethane	6.008	97	1936283	9.805	ppbv	99
34) 2-Butanone	4.787	43	1423595	9.799	ppbv	98
35) Carbon Tetrachloride	6.497	117	1989014	11.242	ppbv	99
36) Benzene	6.375	78	2199100	9.296	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1433713	10.302	ppbv	97
38) Trichloroethene	7.291	130	888816	9.933	ppbv	95
39) 1,2-Dichloropropane	7.079	63	857092	9.412	ppbv	94
40) 1,4-Dioxane	7.285	88	294259	10.331	ppbv	# 29
41) Tetrahydrofuran	5.555	42	800301	9.440	ppbv	97
42) Bromodichloromethane	7.253	83	2077237	10.732	ppbv	99
43) Methyl Methacrylate	7.478	69	915358	10.338	ppbv	97
44) 2,2,4-Trimethylpentane	7.330	57	3718446	9.770	ppbv	97
45) t-1,3-Dichloropropene	8.716	75	613517	10.801	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040591.D
 Acq On : 7 Aug 2023 9:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

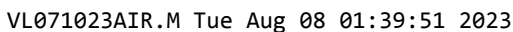
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

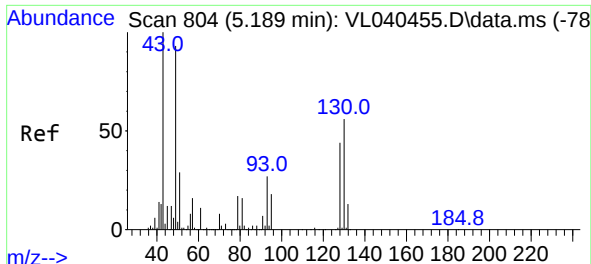
Quant Time: Aug 08 01:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	745877	10.235	ppbv	92
47) 1,1,2-Trichloroethane	8.902	97	967194	9.626	ppbv	97
48) Dibromochloromethane	9.712	129	1684664	10.845	ppbv	100
49) Bromoform	12.413	173	1394961	11.327	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2239546	10.610	ppbv	96
51) 2-Hexanone	9.555	43	1591886	10.665	ppbv #	97
52) Tetrachloroethene	10.616	164	773117	10.092	ppbv	96
53) Toluene	9.224	91	2554970	9.943	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1262949	10.113	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.513	131	1271394	7.992	ppbv	98
57) Chlorobenzene	11.532	112	2055964	7.422	ppbv	99
58) Ethyl Benzene	12.095	91	3602373	8.081	ppbv	100
59) m/p-Xylene	12.375	91	3418314	8.591	ppbv #	44
60) o-Xylene	13.063	91	3106087	8.195	ppbv	99
61) Styrene	12.902	104	1483290	8.484	ppbv	97
62) Isopropylbenzene	14.031	105	4476855	7.881	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	2240395	8.440	ppbv	100
64) n-propylbenzene	14.918	120	1167066	7.940	ppbv	93
65) tert-Butylbenzene	16.092	119	3980254	7.914	ppbv	96
66) Benzyl Chloride	16.333	91	334919	9.414	ppbv	96
67) sec-Butylbenzene	16.638	105	5735612	7.762	ppbv	99
69) p-Isopropyltoluene	16.998	119	4661745	7.634	ppbv	98
70) n-Butylbenzene	17.889	91	5207656	7.647	ppbv	99
71) 2-Chlorotoluene	14.802	91	3528467	8.059	ppbv	97
72) 4-Ethyltoluene	15.195	105	3642151	8.197	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	3147048	8.036	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3582709	7.846	ppbv	96
75) 1,3-Dichlorobenzene	16.333	146	2056120	7.427	ppbv	99
76) 1,4-Dichlorobenzene	16.477	146	2014385	7.421	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	1964210	7.420	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1409853	5.671	ppbv	100
79) Naphthalene	21.387	128	2846763	7.369	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	783406	4.918	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1673313	6.285	ppbv	100

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

Quant Time: Aug 08 01:39:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

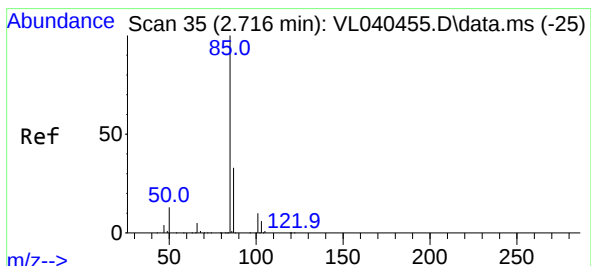
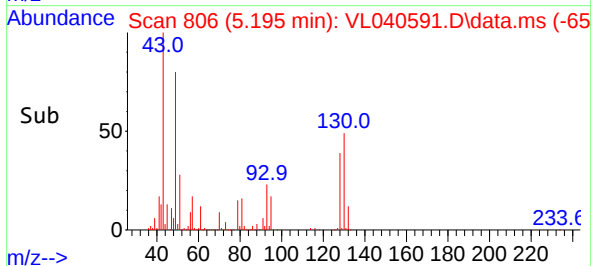
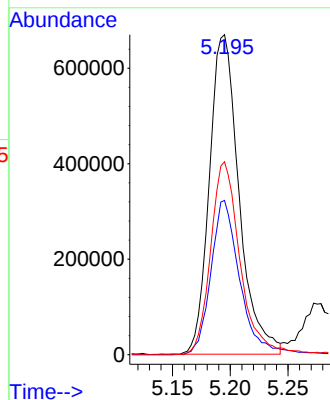
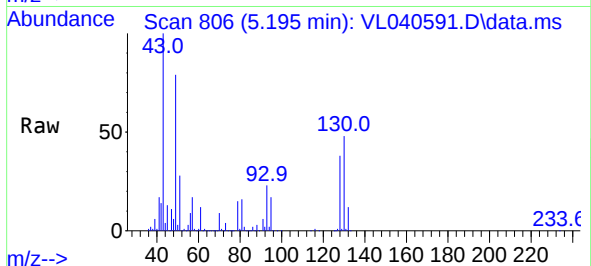




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

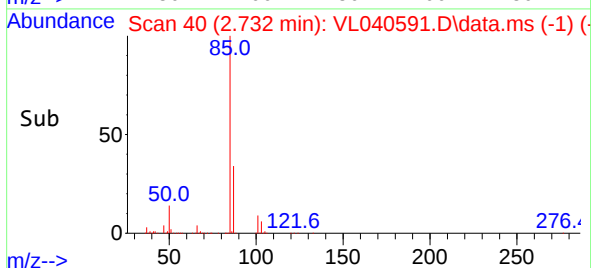
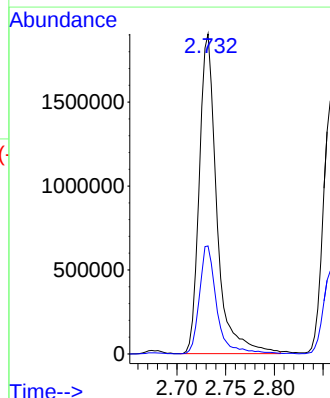
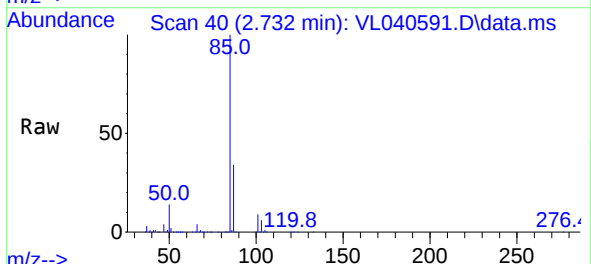
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

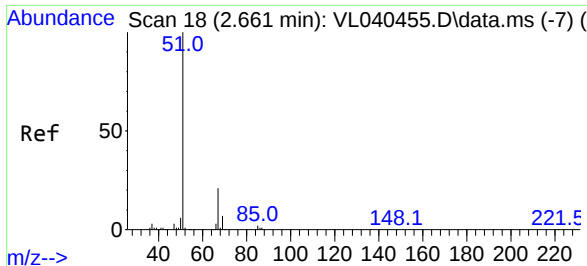
Tgt Ion: 49 Resp: 1195268
Ion Ratio Lower Upper
49 100
128 48.1 25.1 75.4
130 61.2 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 9.961 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 85 Resp: 2381430
Ion Ratio Lower Upper
85 100
87 33.7 26.8 40.2

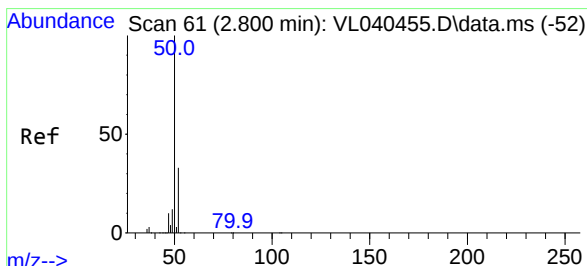
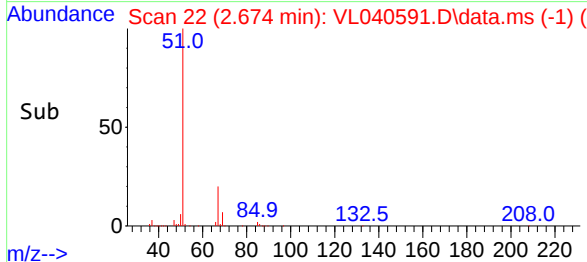
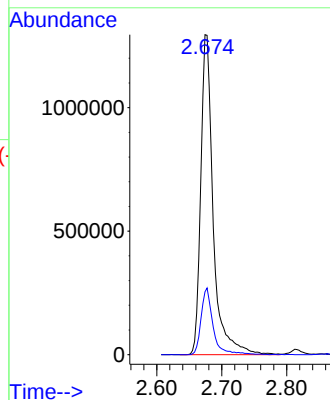
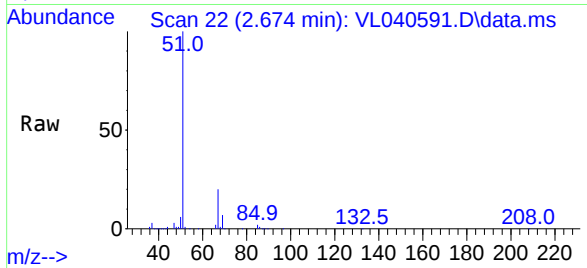




#3
Chlorodifluoromethane
Concen: 9.133 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

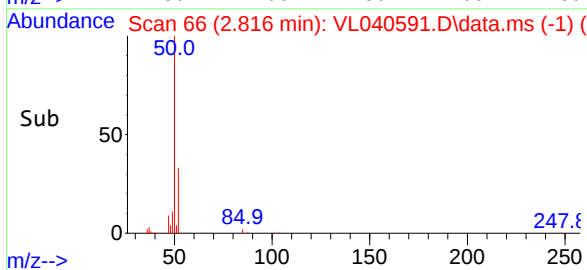
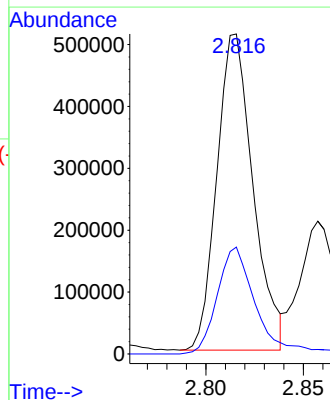
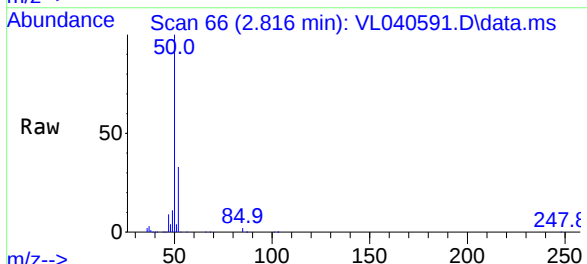
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1730358
Ion Ratio Lower Upper
51 100
67 20.2 14.6 21.8

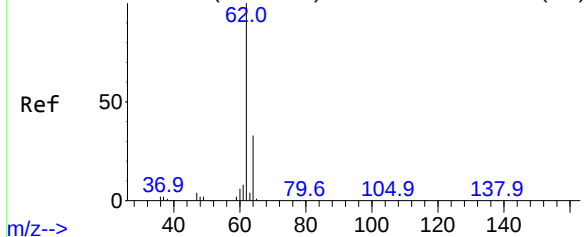


#4
Chloromethane
Concen: 8.795 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 50 Resp: 660114
Ion Ratio Lower Upper
50 100
52 33.8 24.4 36.6



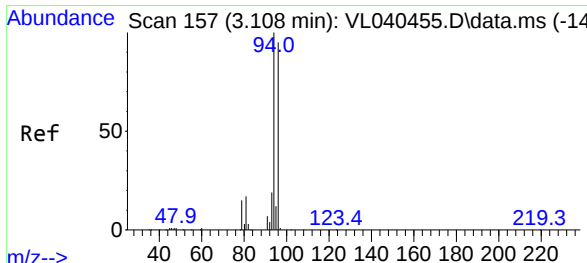
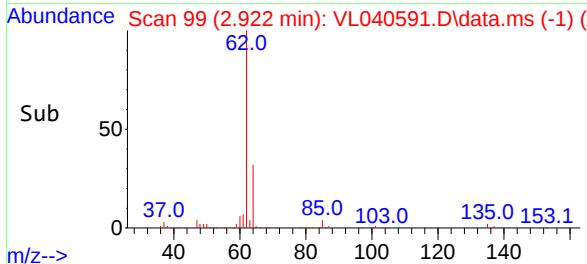
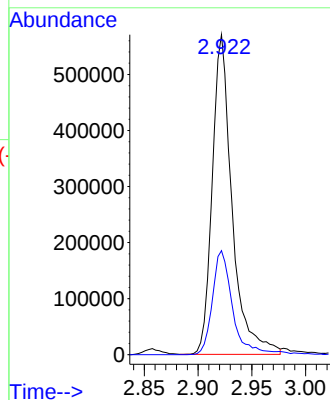
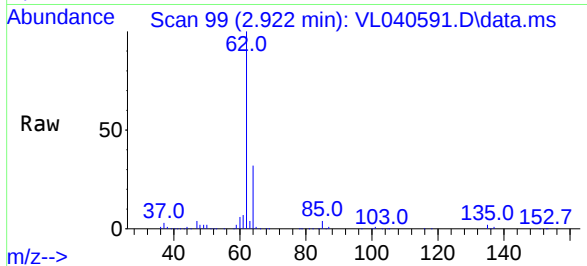
Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 9.280 ppbv
RT: 2.922 min Scan# 94
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

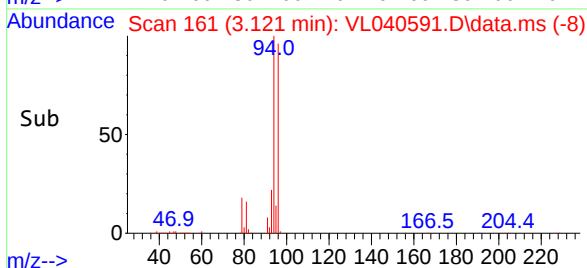
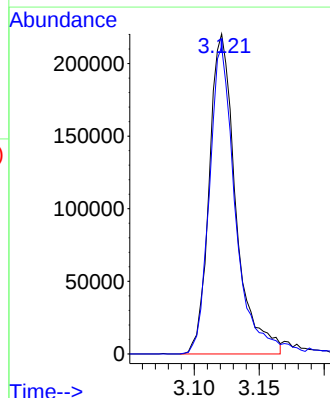
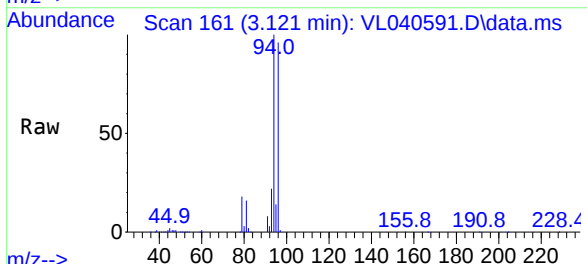
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

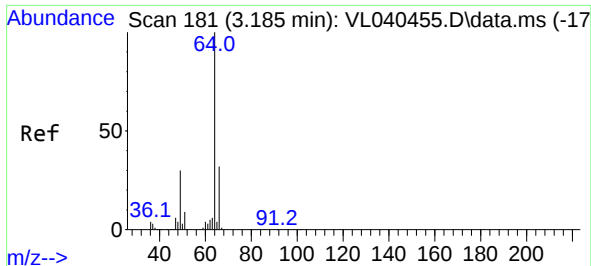
Tgt Ion: 62 Resp: 731327
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6



#6
Bromomethane
Concen: 9.391 ppbv
RT: 3.121 min Scan# 161
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 94 Resp: 312366
Ion Ratio Lower Upper
94 100
96 96.0 75.7 113.5

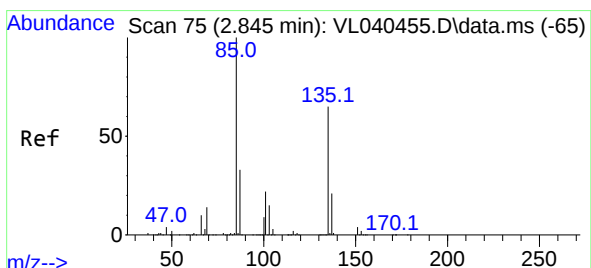
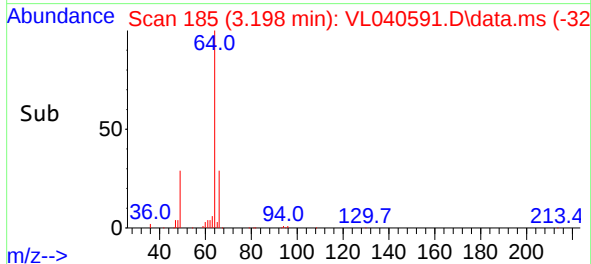
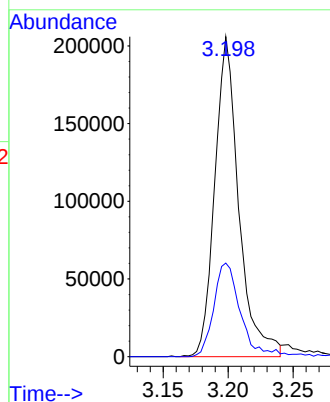
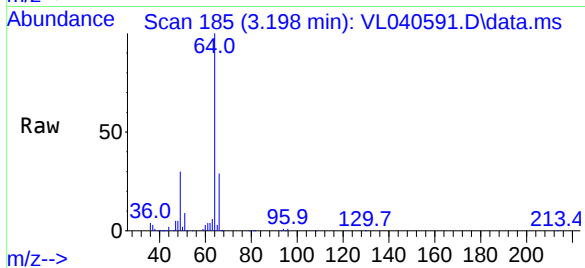




#7
Chloroethane
Concen: 9.554 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

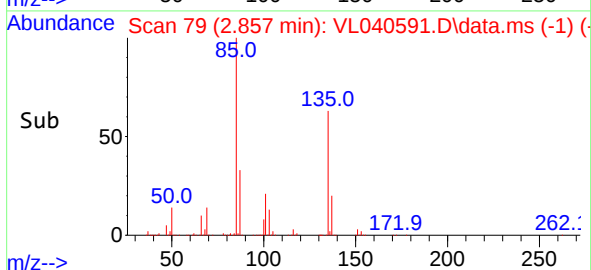
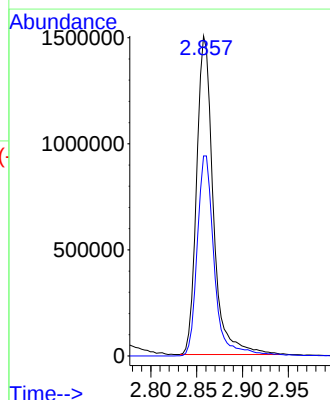
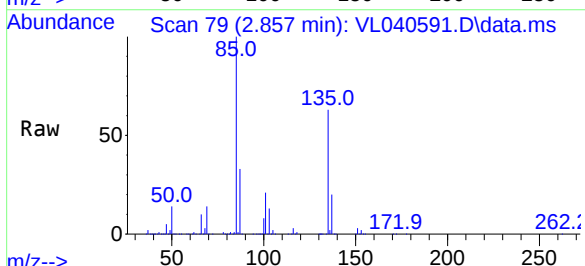
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 264180
Ion Ratio Lower Upper
64 100
66 29.3 24.4 36.6

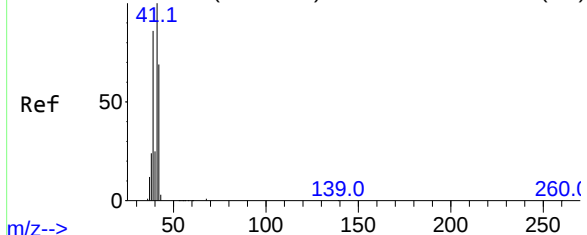


#8
Dichlorotetrafluoroethane
Concen: 9.620 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 85 Resp: 1892287
Ion Ratio Lower Upper
85 100
135 65.1 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 7.845 ppbv

RT: 2.693 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

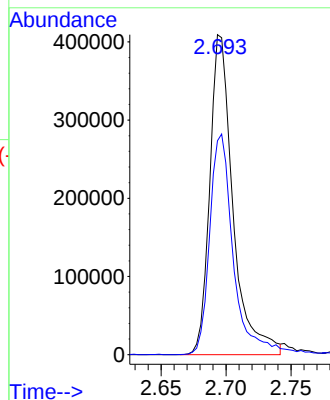
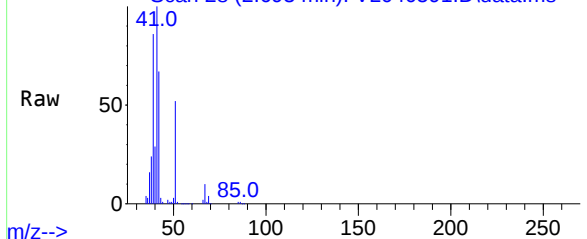
Tgt Ion: 41 Resp: 508804

Ion Ratio Lower Upper

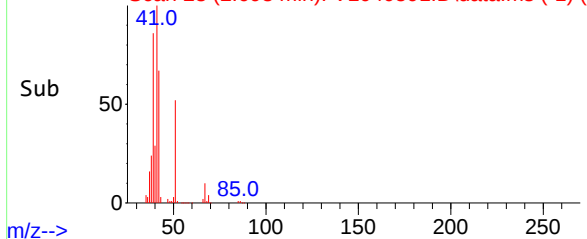
41 100

42 71.5 55.0 82.6

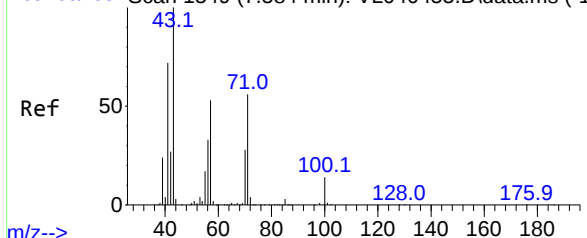
Abundance Scan 28 (2.693 min): VL040591.D\data.ms



Abundance Scan 28 (2.693 min): VL040591.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 9.409 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

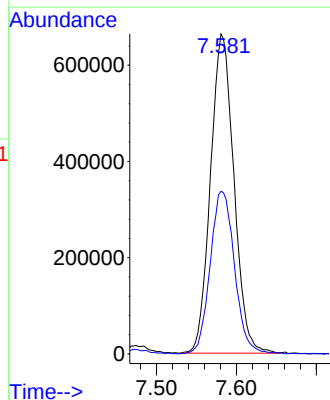
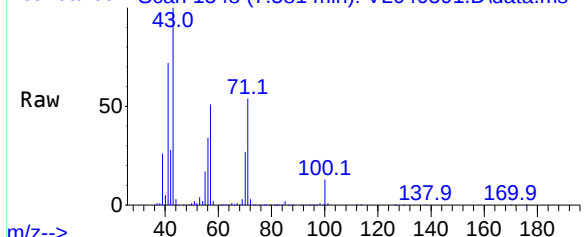
Tgt Ion: 43 Resp: 1347575

Ion Ratio Lower Upper

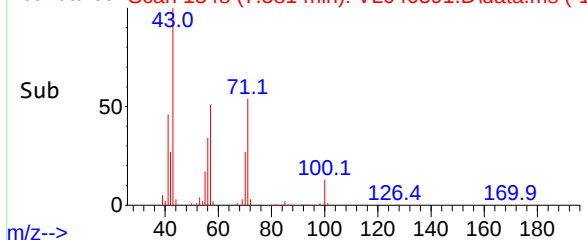
43 100

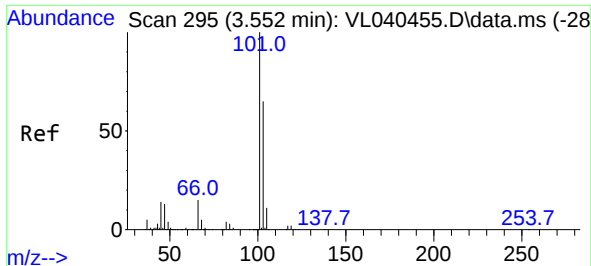
57 53.3 42.5 63.7

Abundance Scan 1548 (7.581 min): VL040591.D\data.ms



Abundance Scan 1548 (7.581 min): VL040591.D\data.ms (-1)

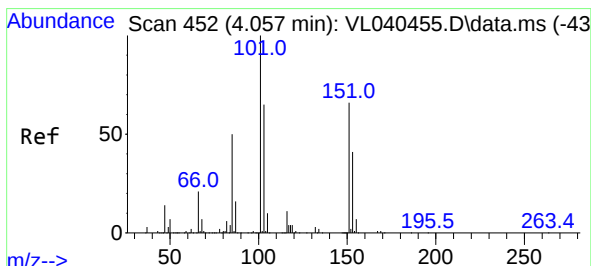
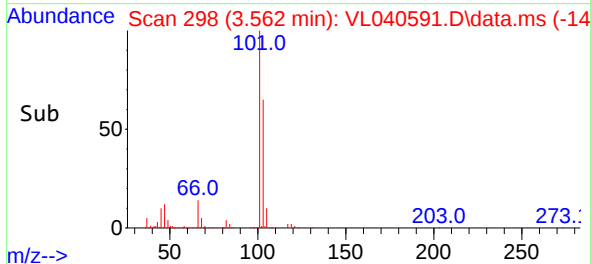
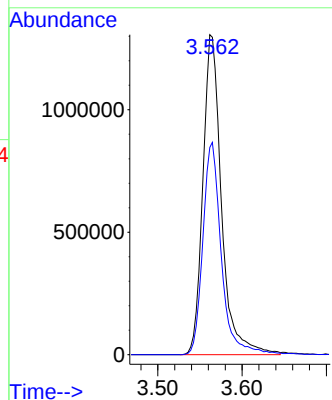
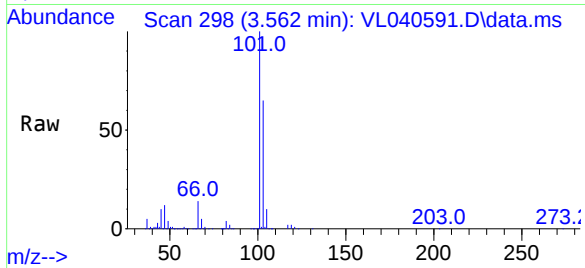




#11
 Trichlorofluoromethane
 Concen: 10.445 ppbv
 RT: 3.562 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

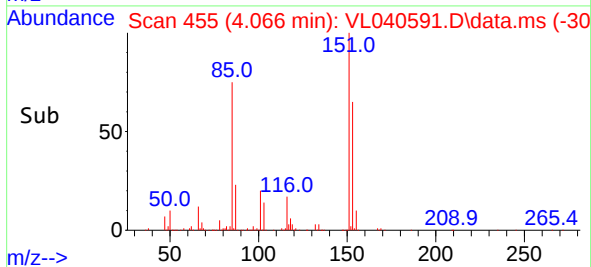
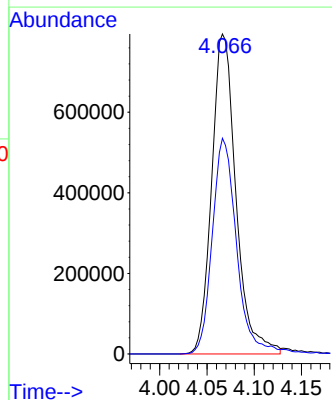
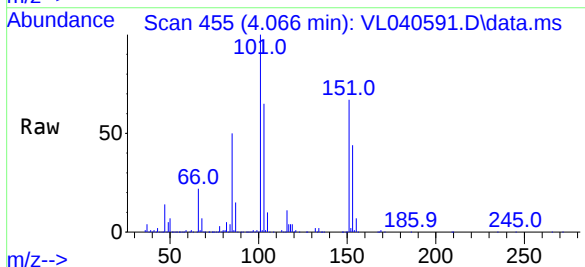
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

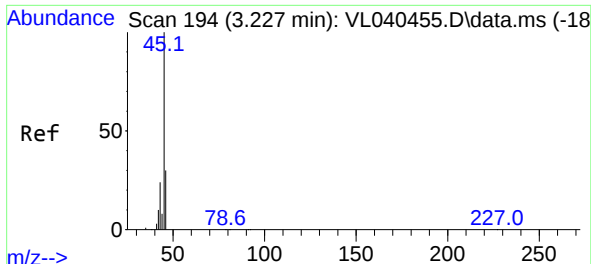
Tgt Ion:101 Resp: 2015104
 Ion Ratio Lower Upper
 101 100
 103 64.8 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.452 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.007 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

Tgt Ion:101 Resp: 1419989
 Ion Ratio Lower Upper
 101 100
 151 68.3 58.2 87.4





#13

Ethanol

Concen: 7.893 ppbv

RT: 3.240 min Scan# 194

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

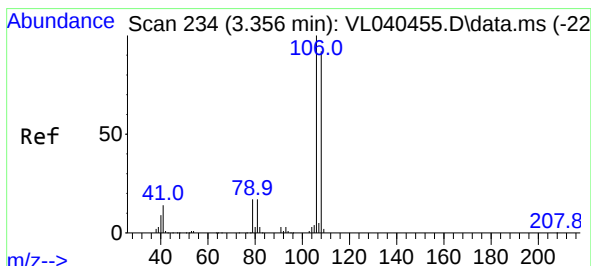
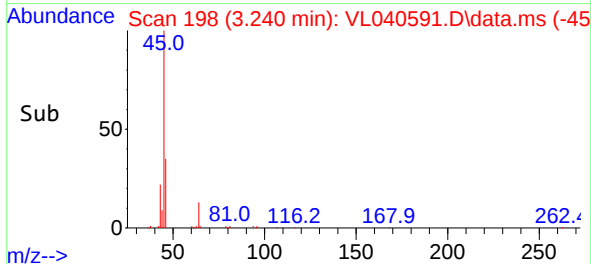
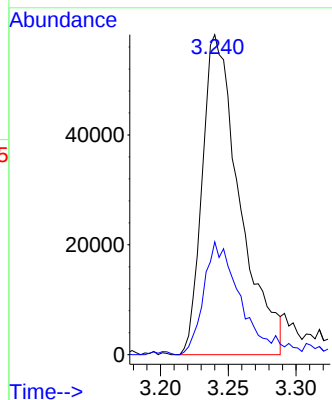
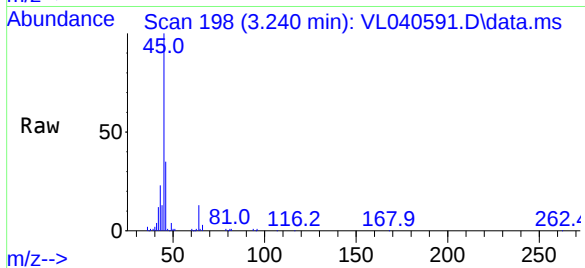
VSTDCCC010

Tgt Ion: 45 Resp: 111382

Ion Ratio Lower Upper

45 100

46 38.4 15.3 61.1



#14

Bromoethene

Concen: 10.349 ppbv

RT: 3.369 min Scan# 238

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

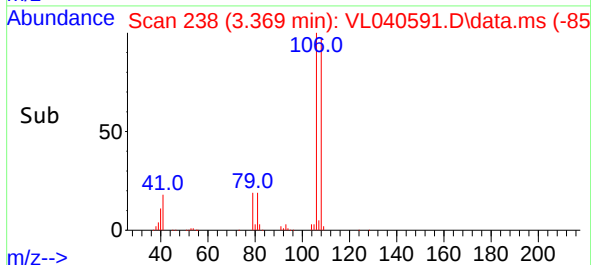
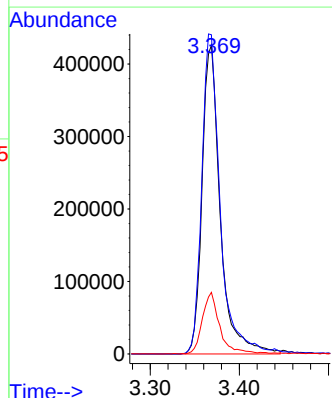
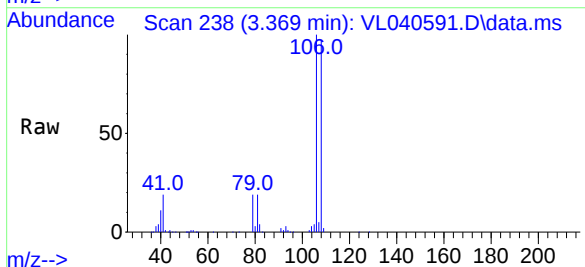
Tgt Ion:108 Resp: 604619

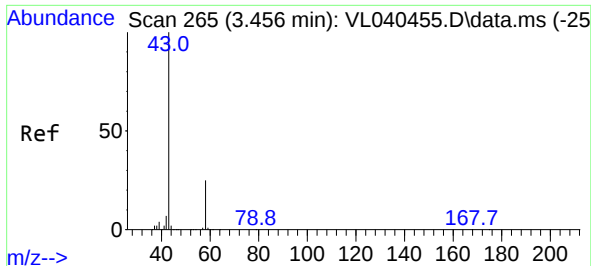
Ion Ratio Lower Upper

108 100

106 106.0 87.2 130.8

79 19.8 15.3 22.9

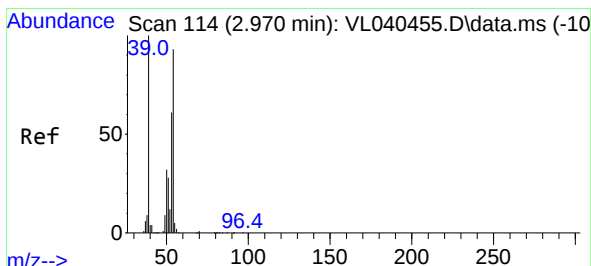
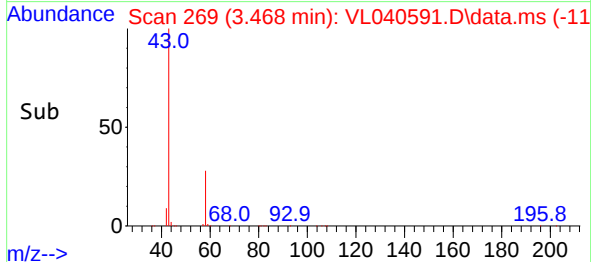
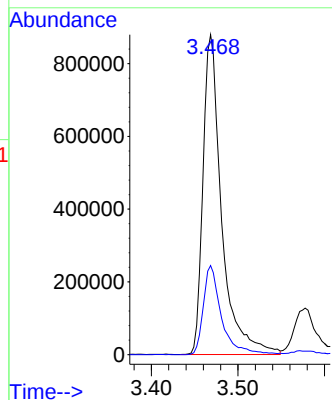
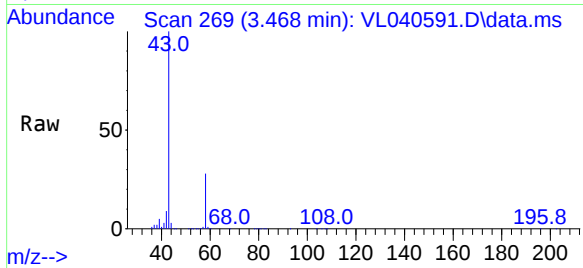




#15
Acetone
Concen: 9.571 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

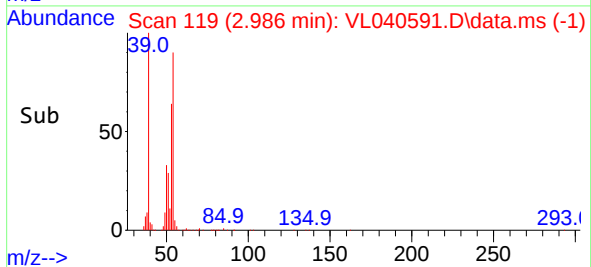
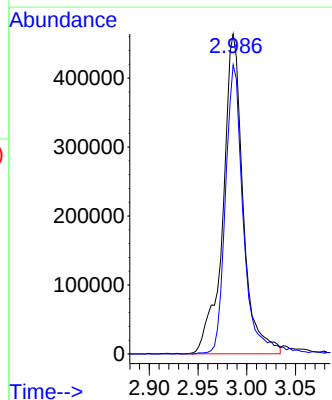
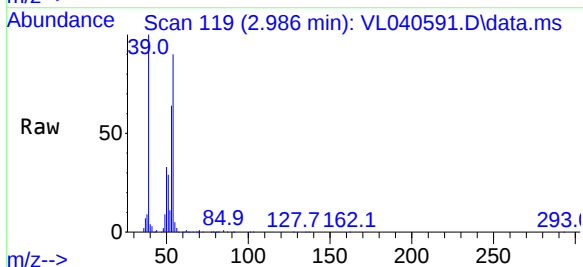
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

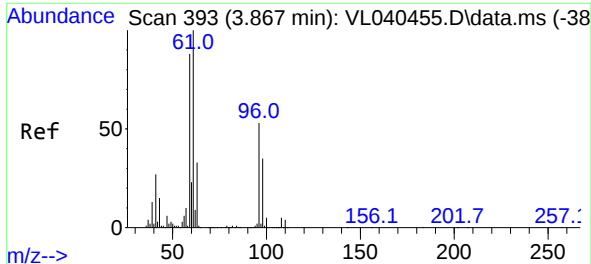
Tgt Ion: 43 Resp: 1316877
Ion Ratio Lower Upper
43 100
58 27.2 22.9 34.3



#16
1,3-Butadiene
Concen: 9.614 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 39 Resp: 667323
Ion Ratio Lower Upper
39 100
54 81.9 66.6 100.0

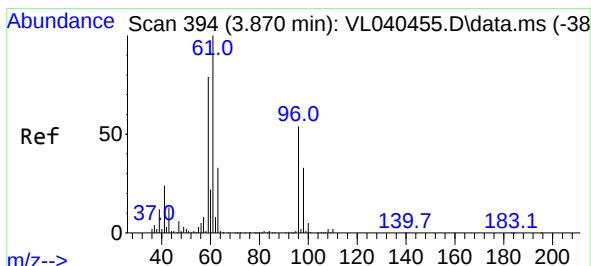
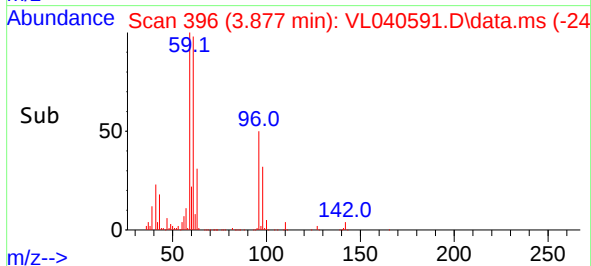
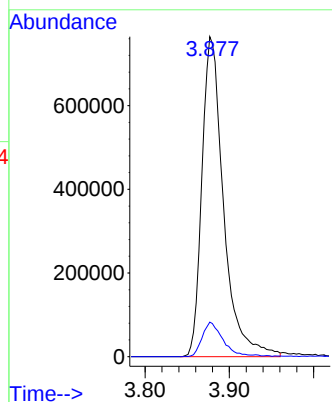
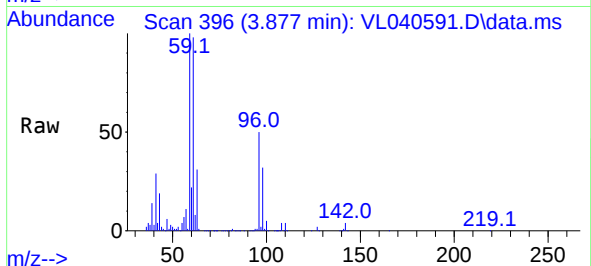




#17
tert-Butyl alcohol
Concen: 9.603 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

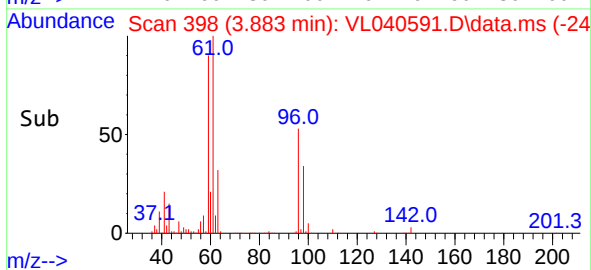
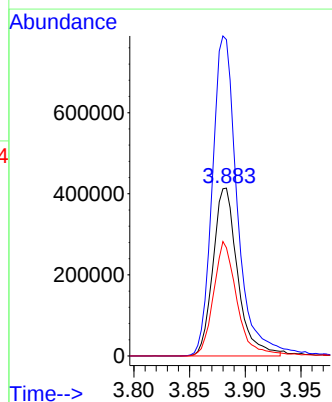
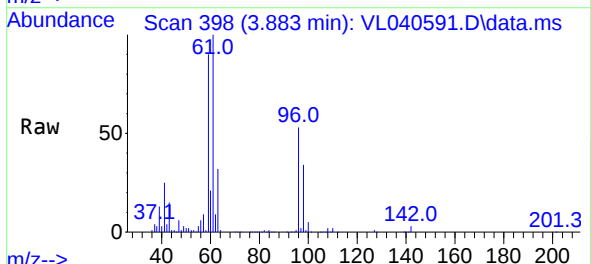
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

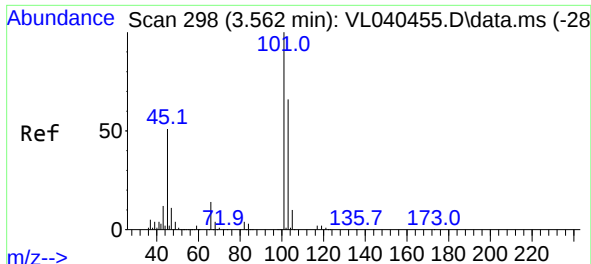
Tgt Ion: 59 Resp: 1366555
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 10.225 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 96 Resp: 638657
Ion Ratio Lower Upper
96 100
61 188.4 154.4 231.6
98 64.4 50.0 75.0

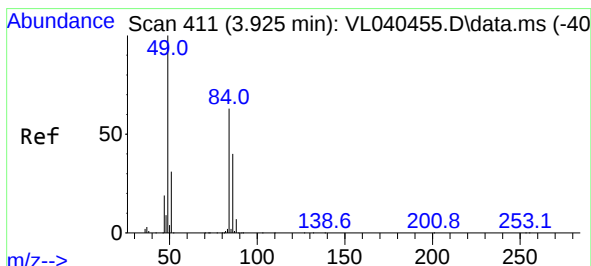
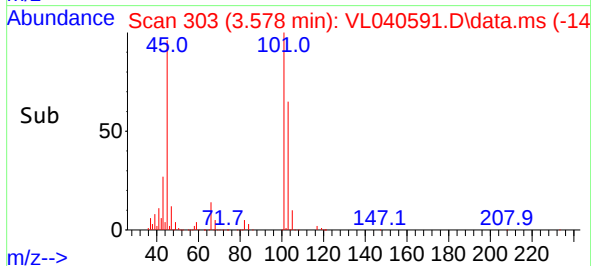
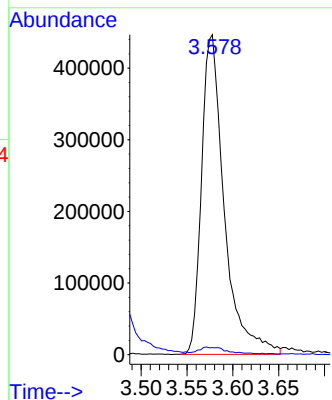
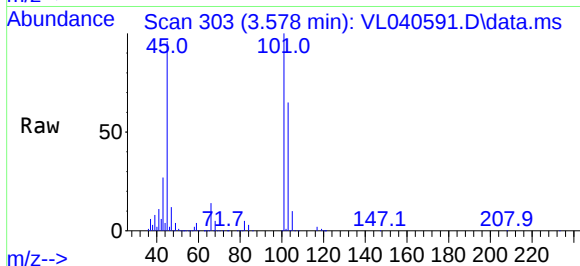




#19
Isopropyl Alcohol
Concen: 9.750 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

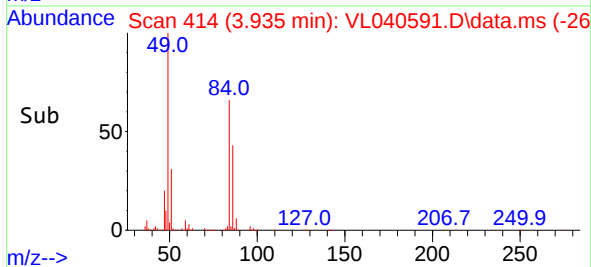
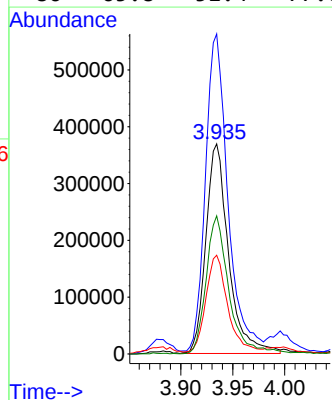
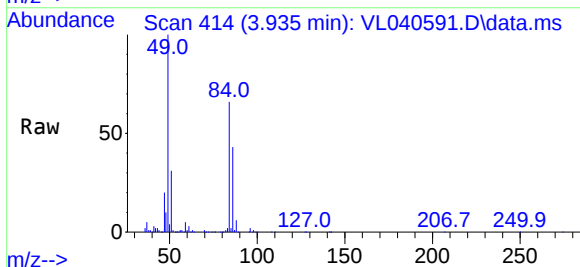
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

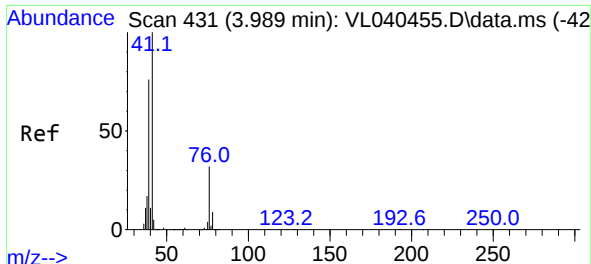
Tgt Ion: 45 Resp: 770059
Ion Ratio Lower Upper
45 100
58 2.8 1.1 1.7#



#20
Methylene Chloride
Concen: 9.615 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 84 Resp: 562683
Ion Ratio Lower Upper
84 100
49 151.3 123.4 185.2
51 45.8 38.3 57.5
86 65.8 51.4 77.0





#21

Allyl Chloride

Concen: 9.416 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

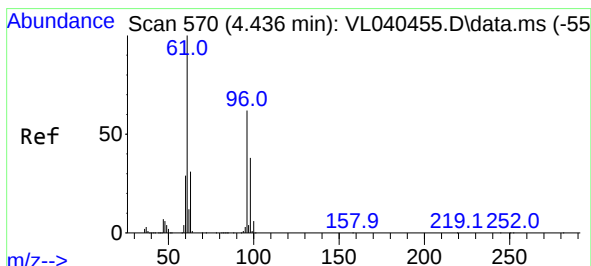
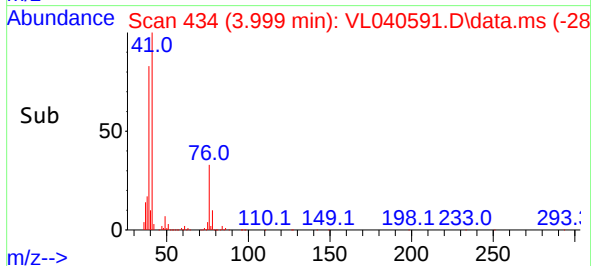
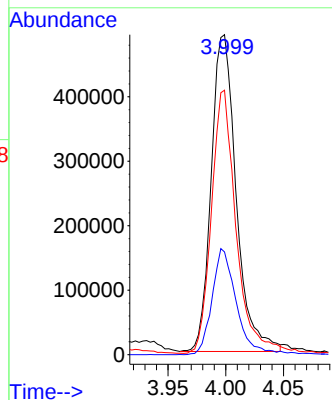
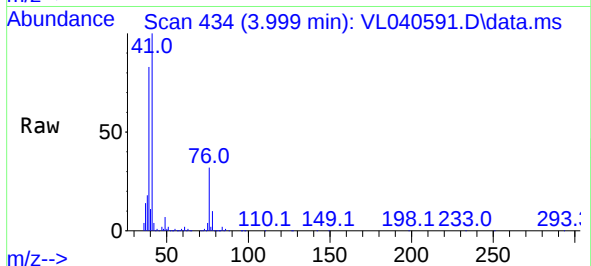
Tgt Ion: 41 Resp: 739840

Ion Ratio Lower Upper

41 100

76 32.8 24.8 37.2

39 83.0 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 10.339 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

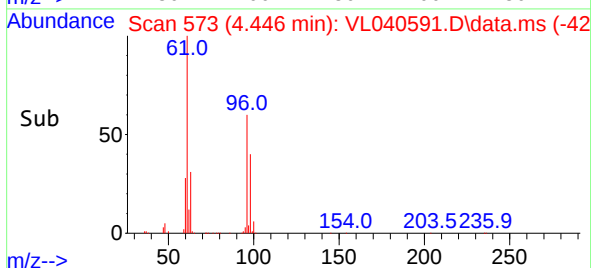
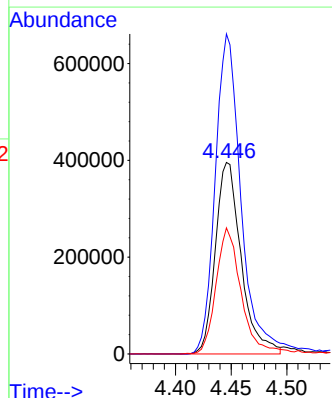
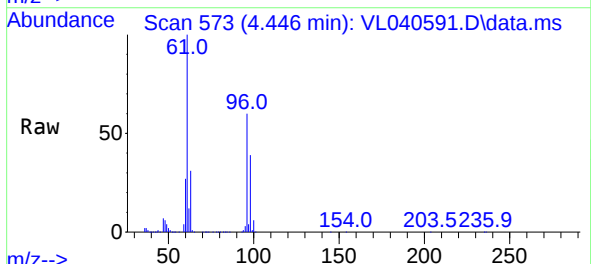
Tgt Ion: 96 Resp: 637148

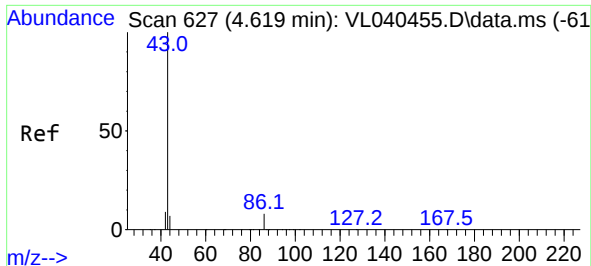
Ion Ratio Lower Upper

96 100

61 167.1 137.7 206.5

98 65.9 52.9 79.3



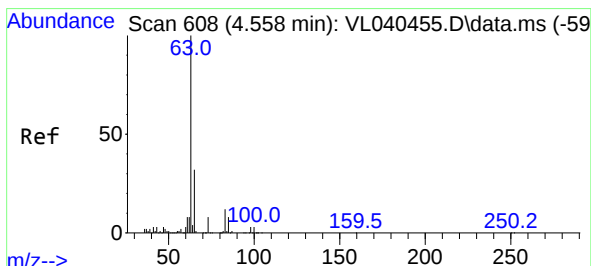
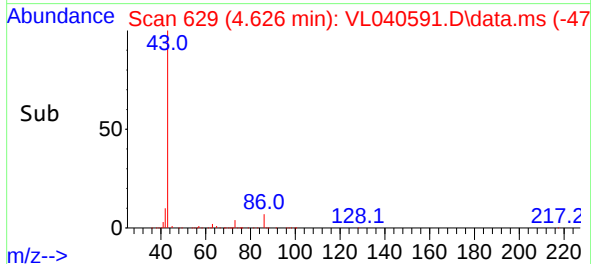
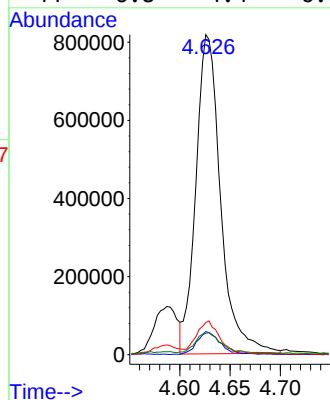
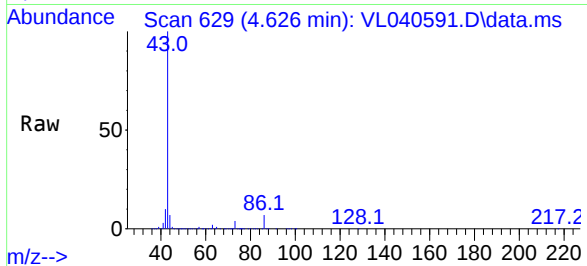


#23
 Vinyl Acetate
 Concen: 10.684 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1400368

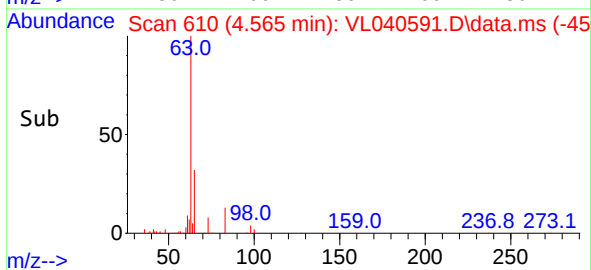
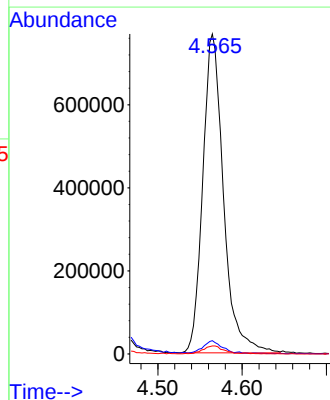
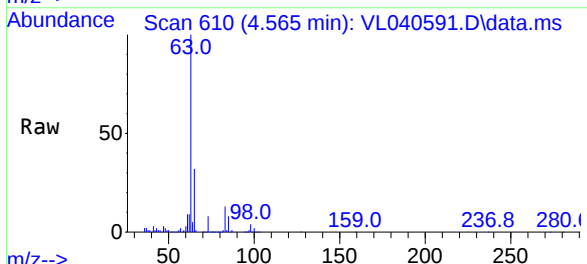
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	9.9	7.4	11.2
44	6.8	4.4	6.6

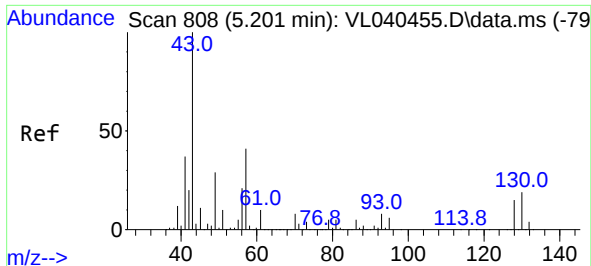


#24
 1,1-Dichloroethane
 Concen: 9.875 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.007 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

Tgt Ion: 63 Resp: 1313863

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.5
100	2.4	1.4	4.0



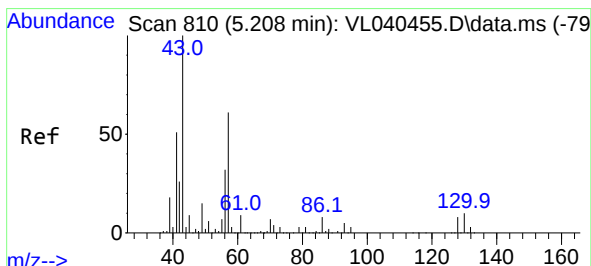
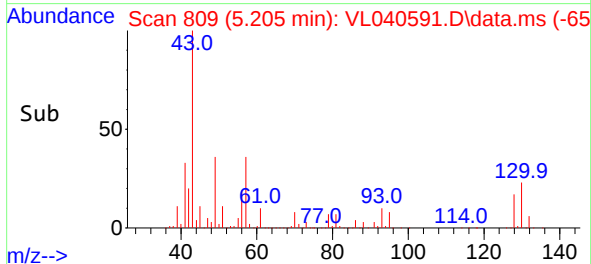
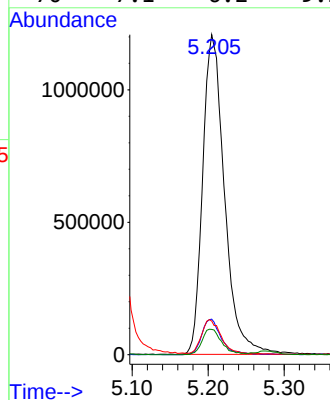
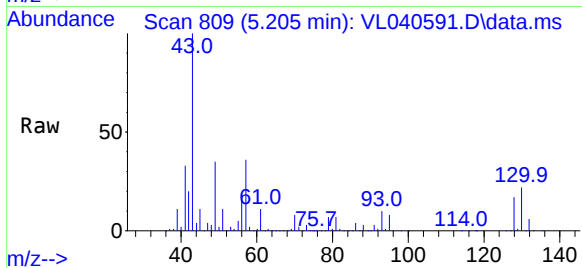


#25
Ethyl Acetate
Concen: 9.196 ppbv
RT: 5.205 min Scan# 808
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2408769

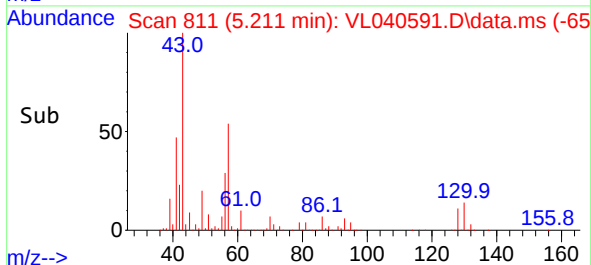
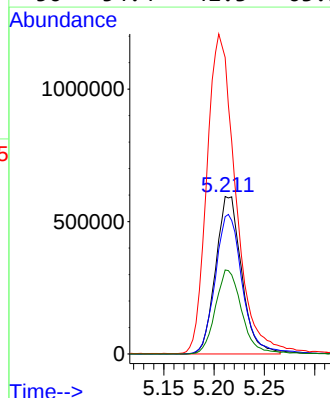
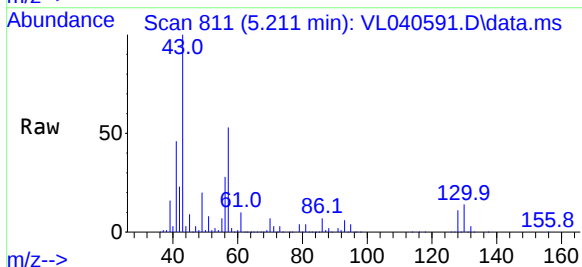
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.4
61	10.2	8.3	12.5
70	7.1	6.2	9.2

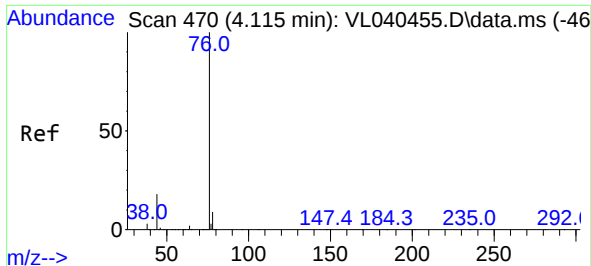


#26
Hexane
Concen: 8.756 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 57 Resp: 1065467

Ion	Ratio	Lower	Upper
57	100		
41	93.6	69.5	104.3
43	228.4	177.1	265.7
56	54.4	42.3	63.5

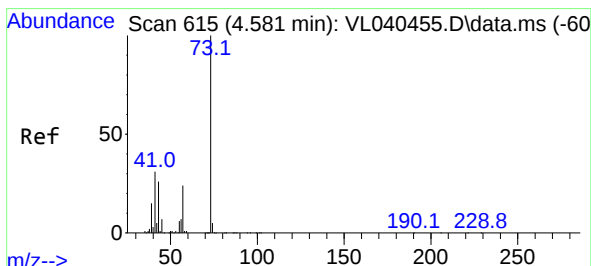
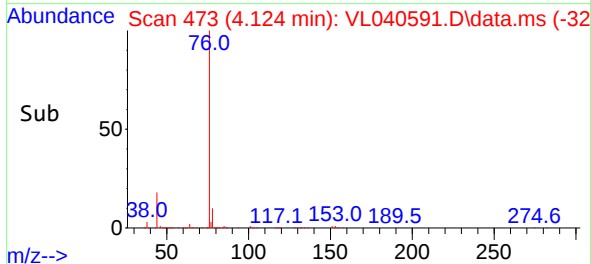
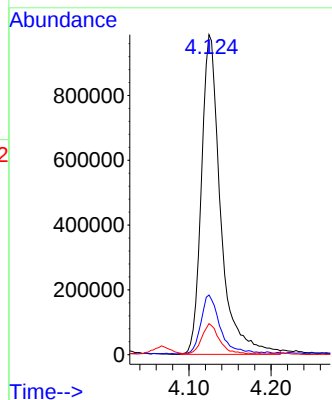
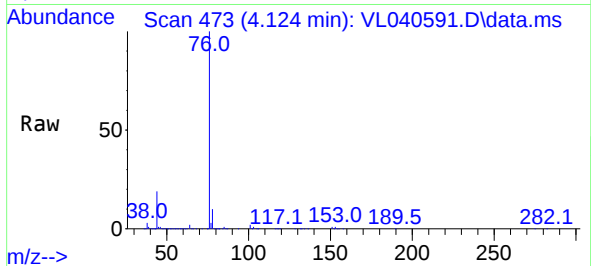




#27
Carbon Disulfide
Concen: 11.225 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

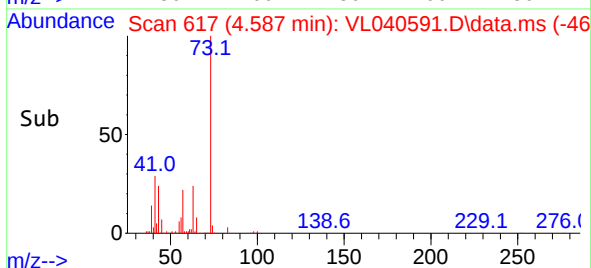
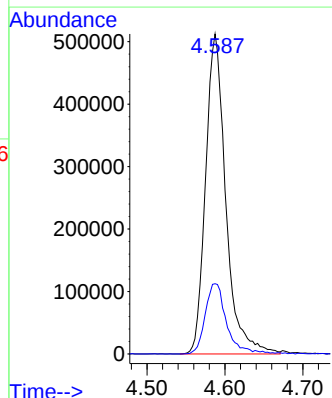
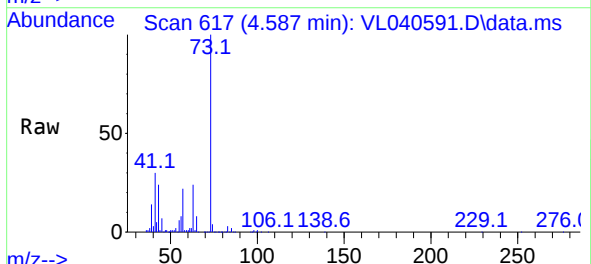
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

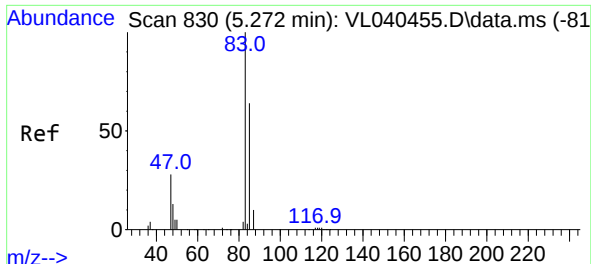
Tgt Ion: 76 Resp: 1606707
Ion Ratio Lower Upper
76 100
44 18.6 15.1 22.7
78 9.4 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.420 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 73 Resp: 922787
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29

Chloroform

Concen: 9.387 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

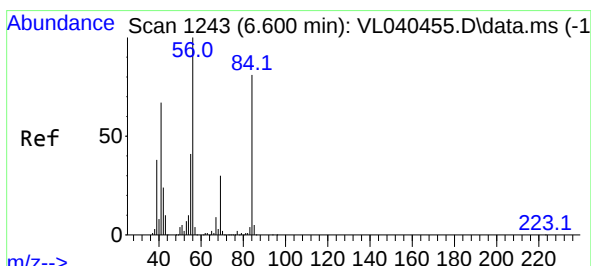
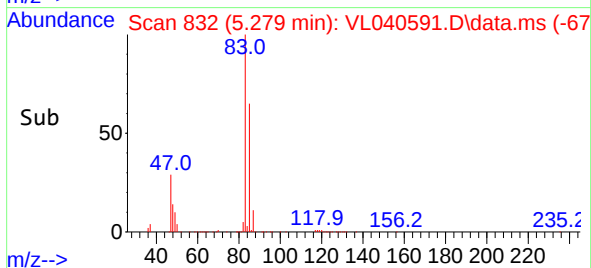
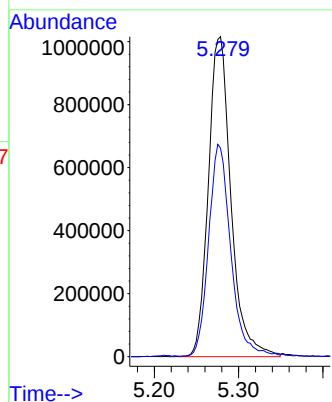
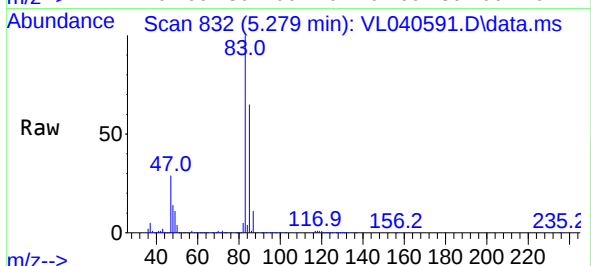
VSTDCCC010

Tgt Ion: 83 Resp: 1894564

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7



#30

Cyclohexane

Concen: 8.713 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

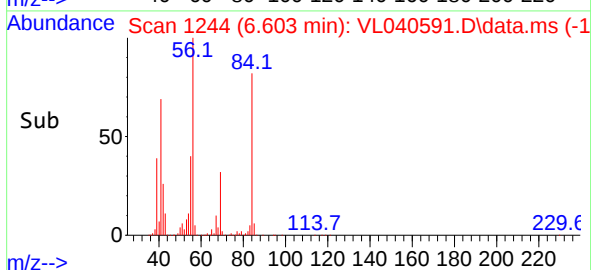
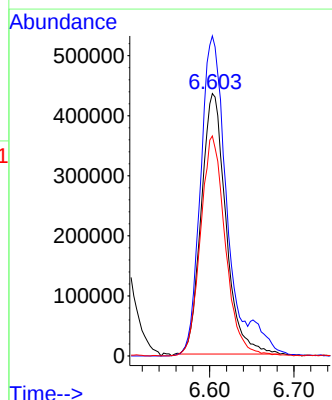
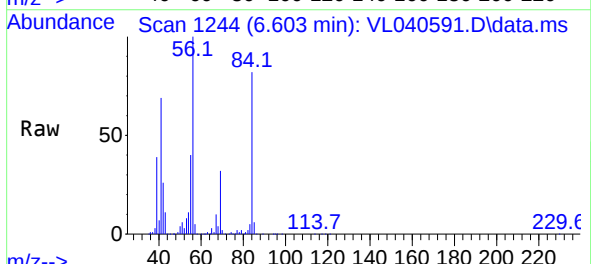
Tgt Ion: 84 Resp: 882269

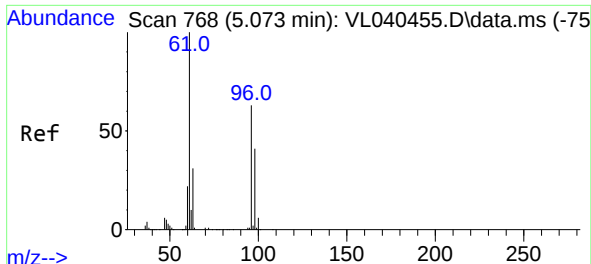
Ion Ratio Lower Upper

84 100

56 134.9 108.7 163.1

41 85.2 64.5 96.7

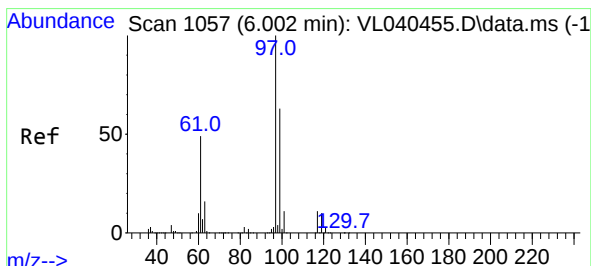
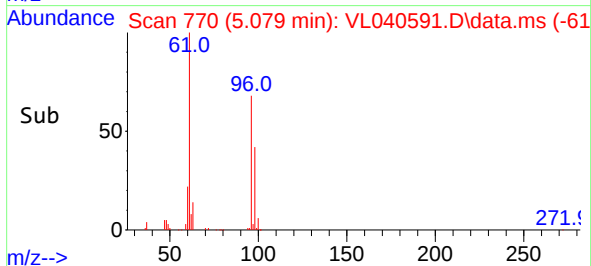
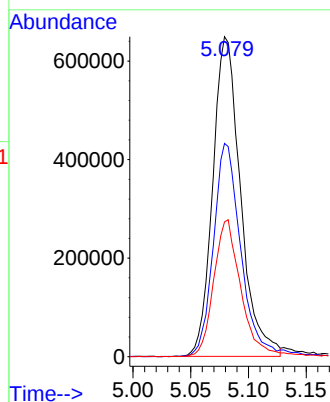
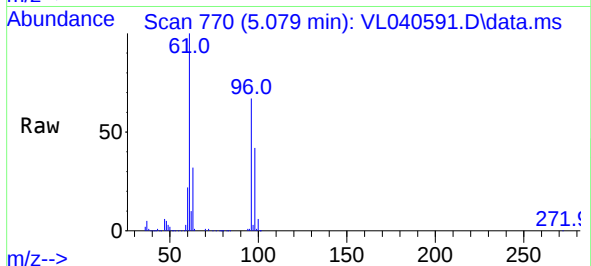




#31
cis-1,2-Dichloroethene
Concen: 9.023 ppbv
RT: 5.079 min Scan# 71
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

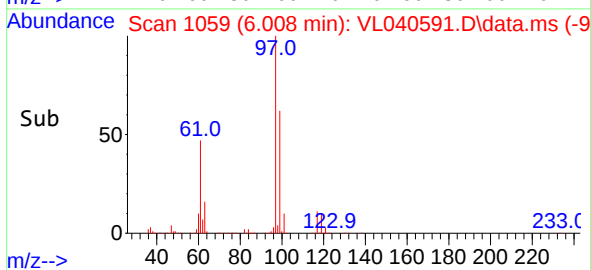
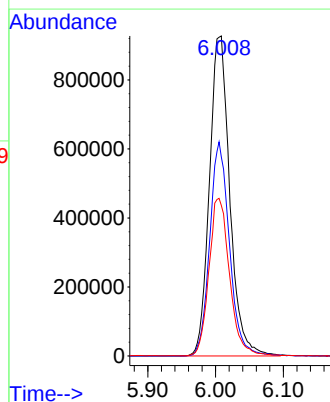
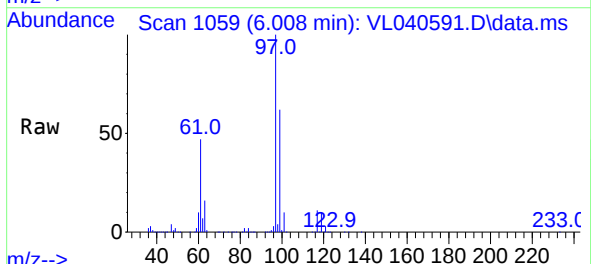
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

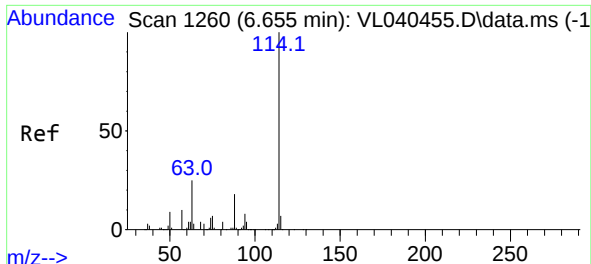
Tgt Ion: 61 Resp: 1085241
Ion Ratio Lower Upper
61 100
96 66.6 54.7 82.1
98 42.1 34.6 52.0



#32
1,1,1-Trichloroethane
Concen: 9.805 ppbv
RT: 6.008 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 97 Resp: 1936283
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 50.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

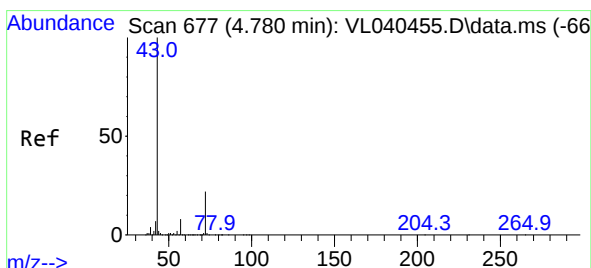
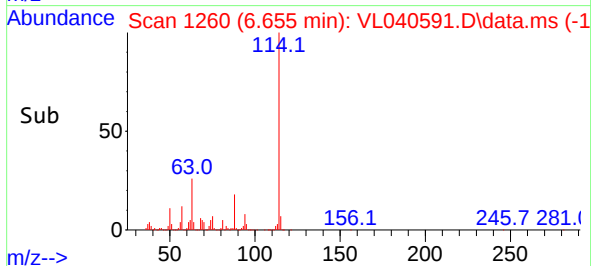
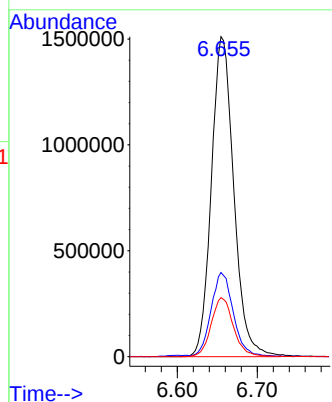
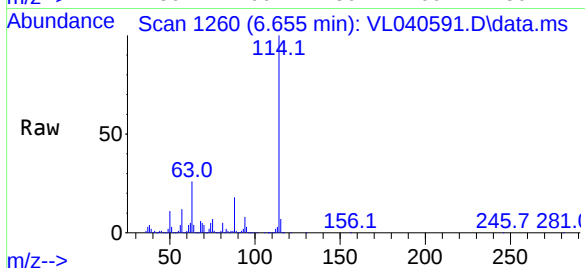
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2939992

Ion	Ratio	Lower	Upper
114	100		
63	26.7	19.6	29.4
88	18.4	14.2	21.2



#34

2-Butanone

Concen: 9.799 ppbv

RT: 4.787 min Scan# 679

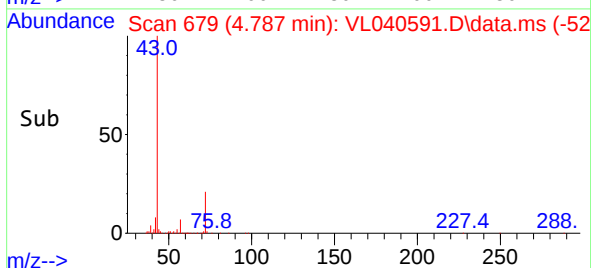
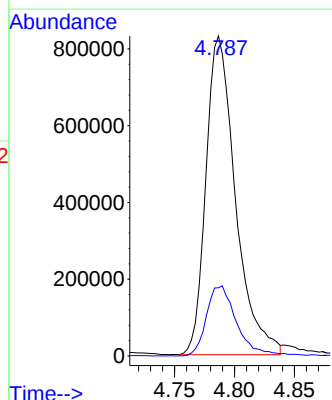
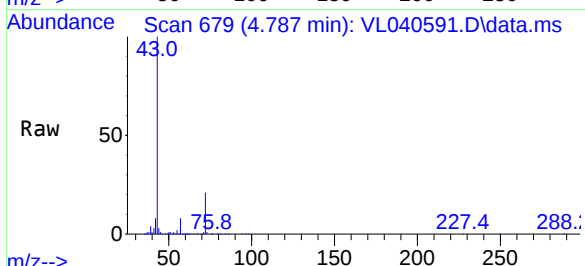
Delta R.T. -0.007 min

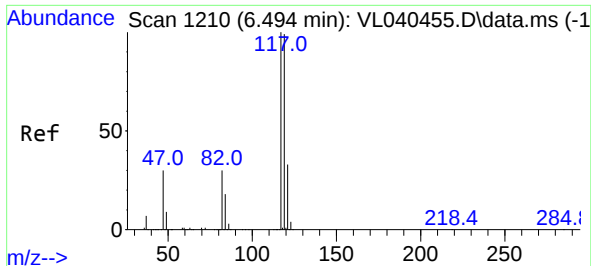
Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Tgt Ion: 43 Resp: 1423595

Ion	Ratio	Lower	Upper
43	100		
72	22.8	19.1	28.7



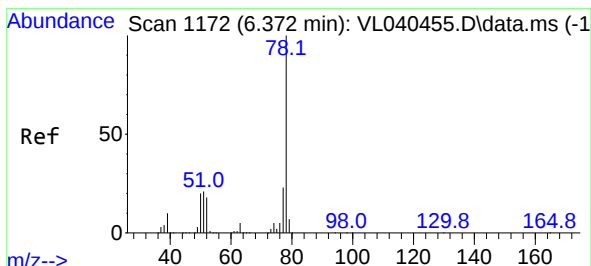
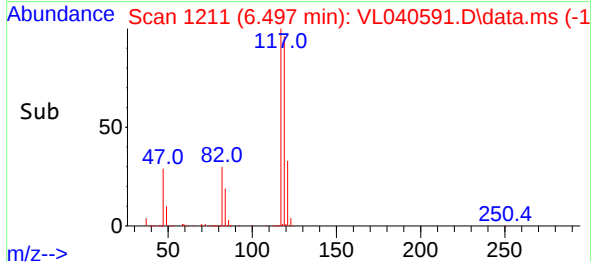
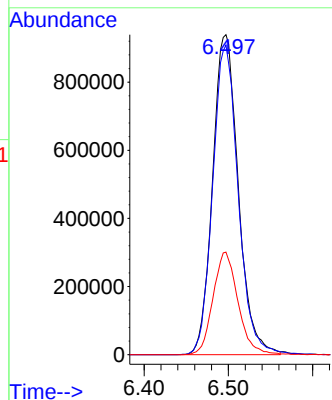
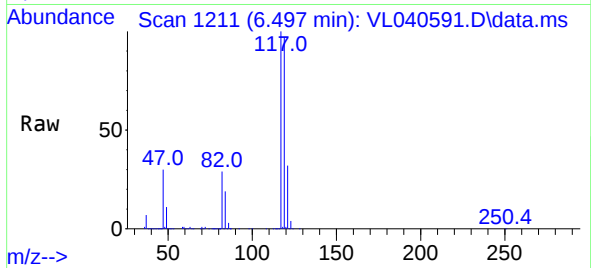


#35
Carbon Tetrachloride
Concen: 11.242 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1989014

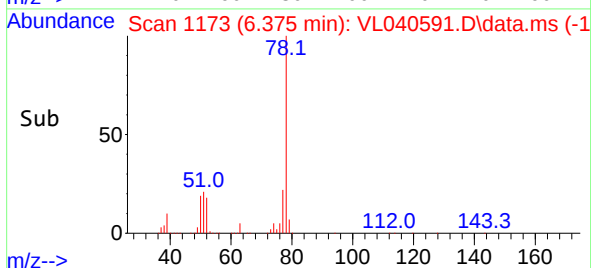
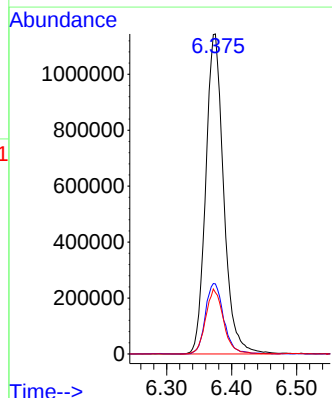
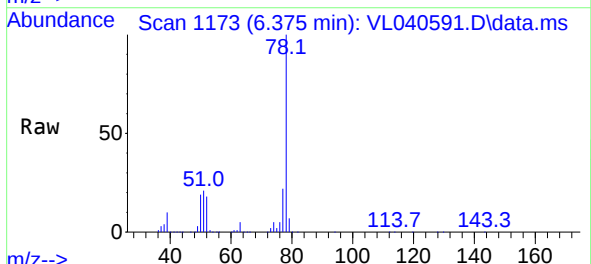
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
121	32.1	24.8	37.2

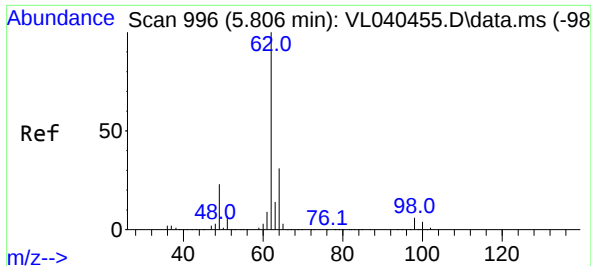


#36
Benzene
Concen: 9.296 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 78 Resp: 2199100

Ion	Ratio	Lower	Upper
78	100		
77	21.9	17.4	26.0
50	19.2	14.4	21.6

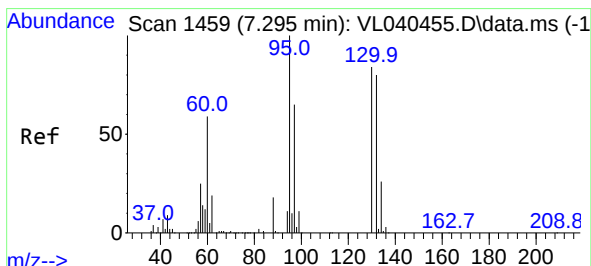
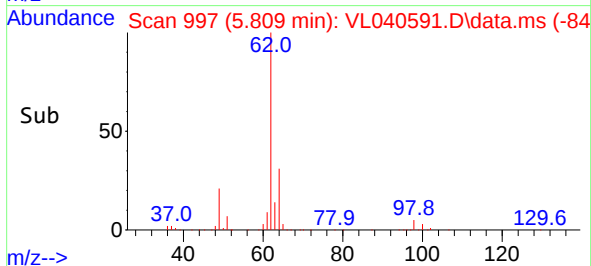
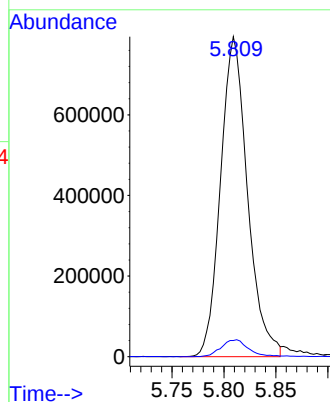
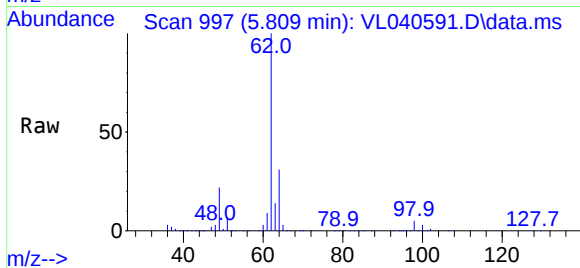




#37
1,2-Dichloroethane
Concen: 10.302 ppbv
RT: 5.809 min Scan# 996
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

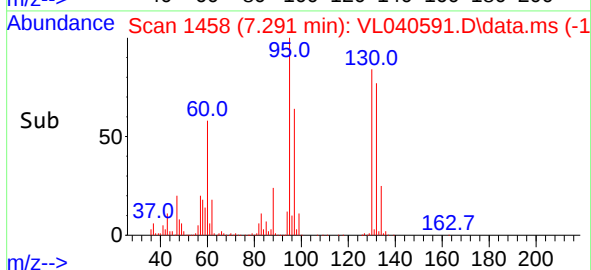
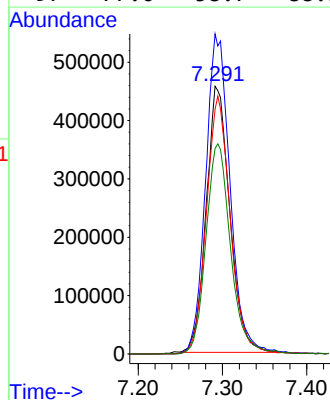
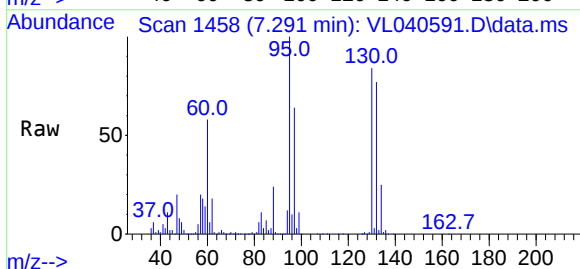
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

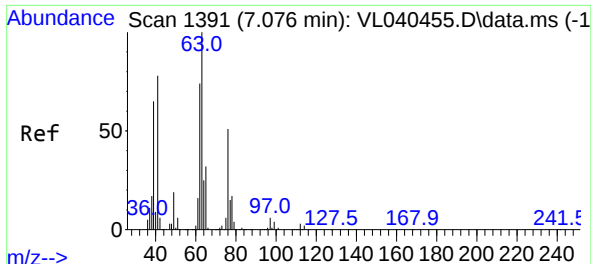
Tgt Ion: 62 Resp: 1433713
Ion Ratio Lower Upper
62 100
98 5.5 5.1 7.7



#38
Trichloroethene
Concen: 9.933 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.013 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:130 Resp: 888816
Ion Ratio Lower Upper
130 100
95 120.0 90.2 135.2
132 91.9 76.3 114.5
97 77.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.412 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

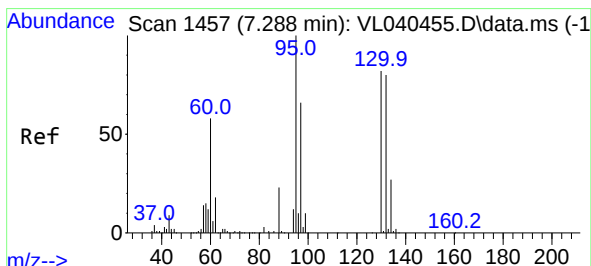
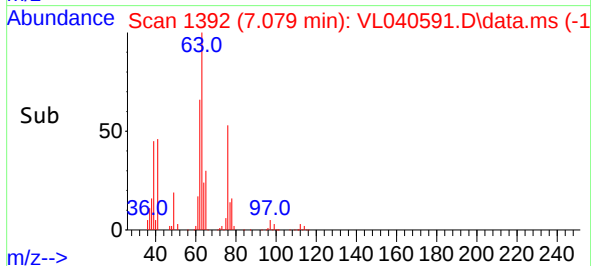
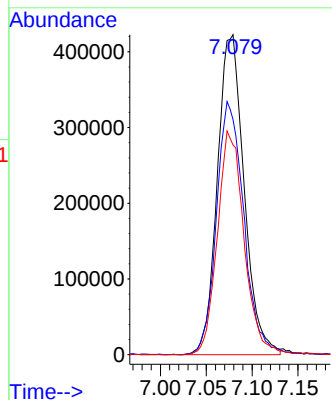
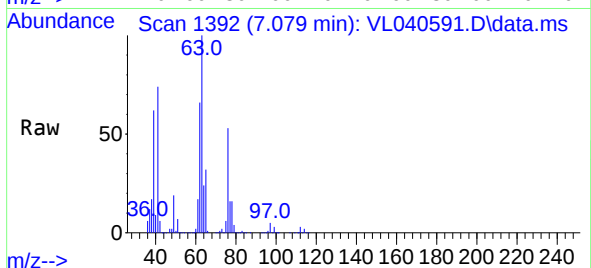
Tgt Ion: 63 Resp: 857092

Ion Ratio Lower Upper

63 100

41 73.4 54.3 81.5

62 65.5 55.6 83.4



#40

1,4-Dioxane

Concen: 10.331 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.013 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Tgt Ion: 88 Resp: 294259

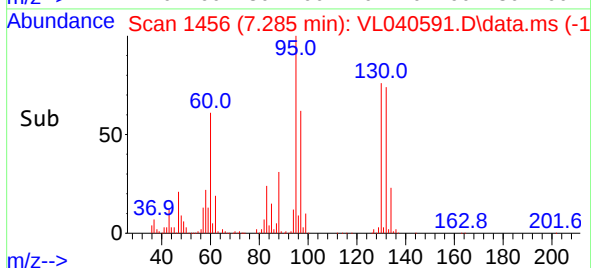
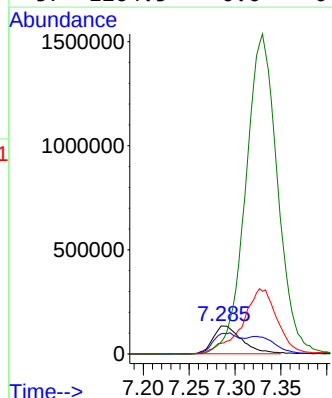
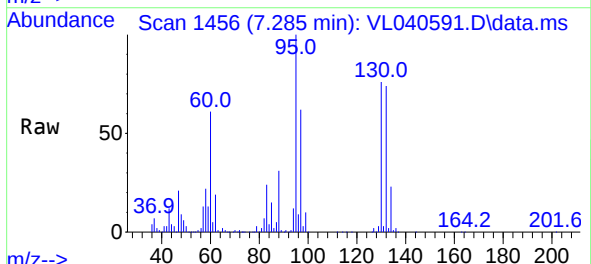
Ion Ratio Lower Upper

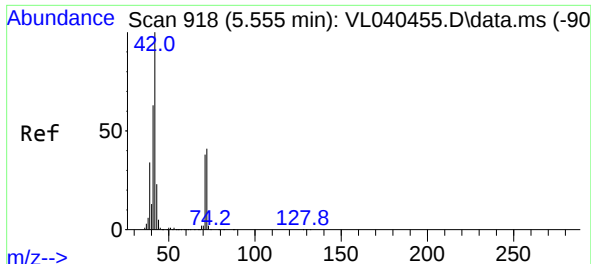
88 100

58 132.7 58.6 88.0#

43 285.6 0.0 0.0#

57 1264.5 0.0 0.0#

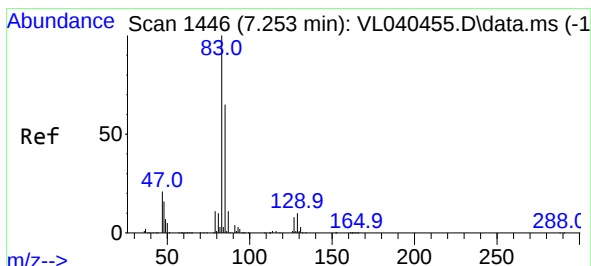
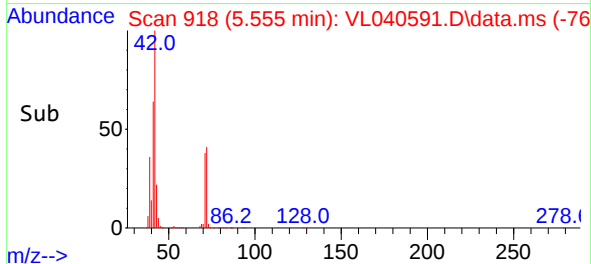
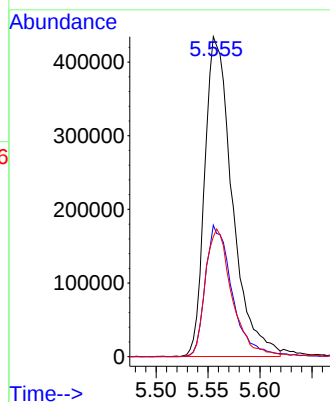
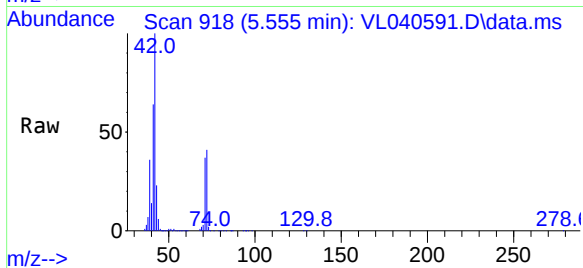




#41
Tetrahydrofuran
Concen: 9.440 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

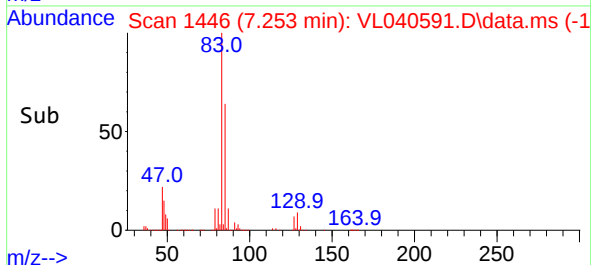
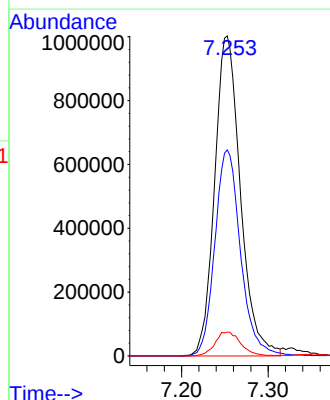
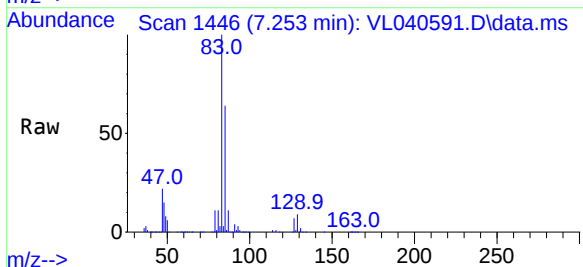
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

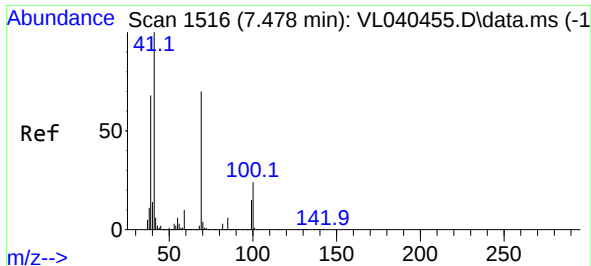
Tgt Ion: 42 Resp: 800301
Ion Ratio Lower Upper
42 100
72 40.7 33.8 50.8
71 39.5 33.0 49.6



#42
Bromodichloromethane
Concen: 10.732 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 83 Resp: 2077237
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 7.5 6.5 9.7

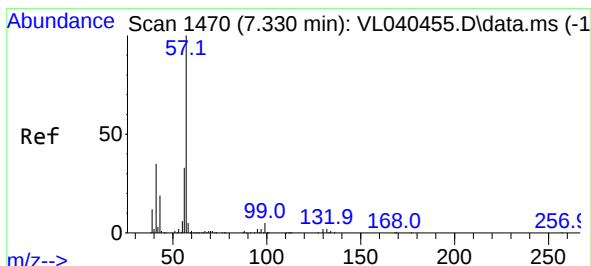
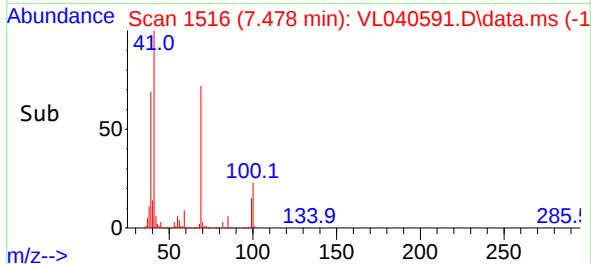
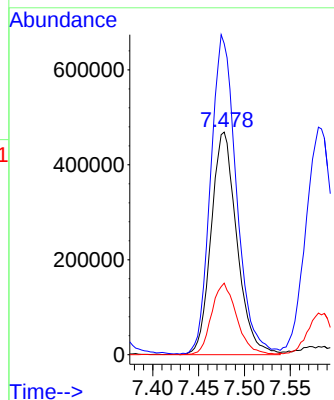
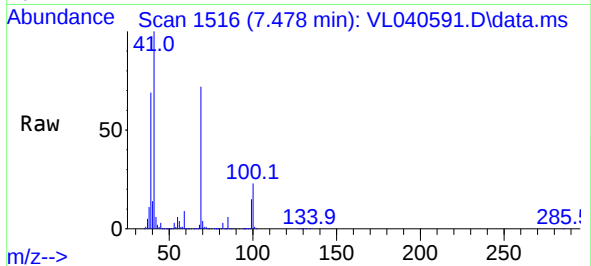




#43
Methyl Methacrylate
Concen: 10.338 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

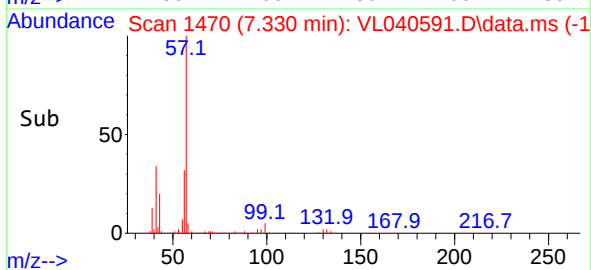
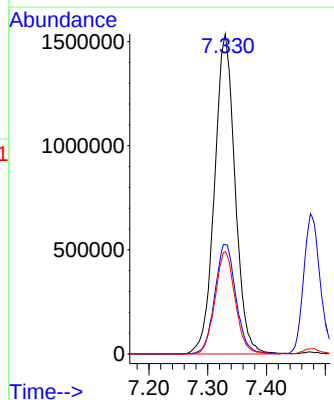
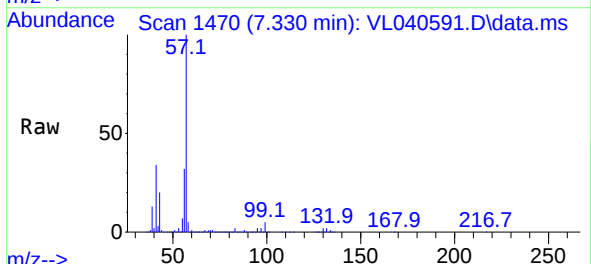
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

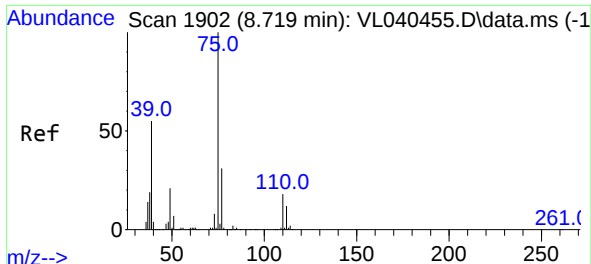
Tgt Ion: 69 Resp: 915358
Ion Ratio Lower Upper
69 100
41 143.5 111.7 167.5
100 31.4 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 9.770 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 57 Resp: 3718446
Ion Ratio Lower Upper
57 100
41 35.2 25.5 38.3
56 31.5 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 10.801 ppbv

RT: 8.716 min Scan# 1902

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

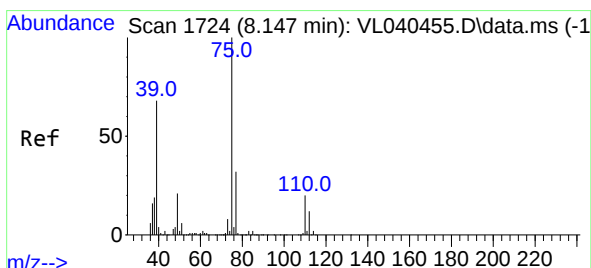
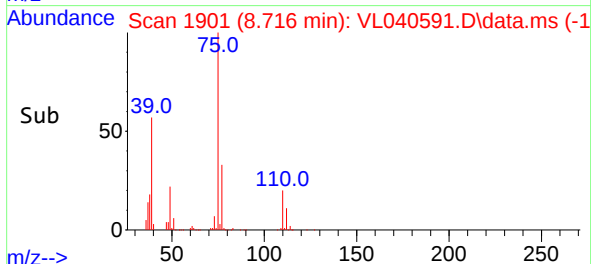
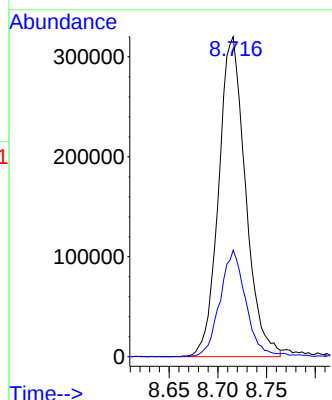
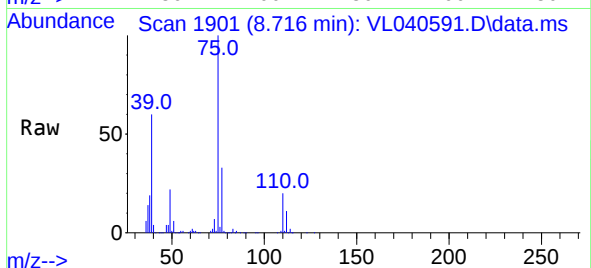
VSTDCCC010

Tgt Ion: 75 Resp: 613517

Ion Ratio Lower Upper

75 100

77 33.2 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 10.235 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

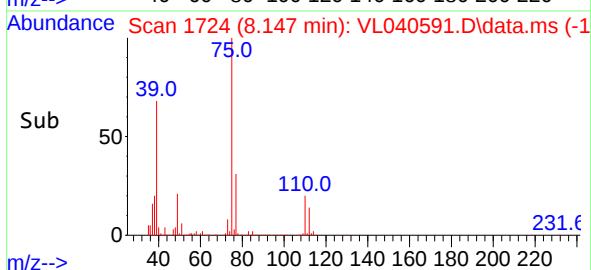
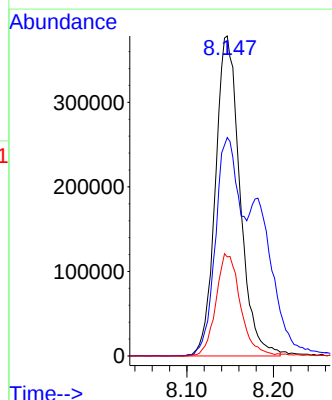
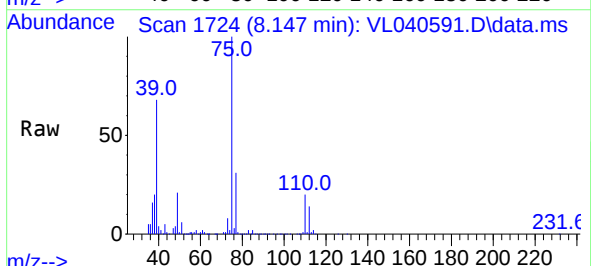
Tgt Ion: 75 Resp: 745877

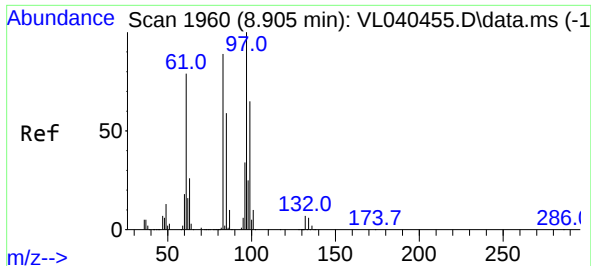
Ion Ratio Lower Upper

75 100

39 68.1 48.0 72.0

77 31.0 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.626 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 967194

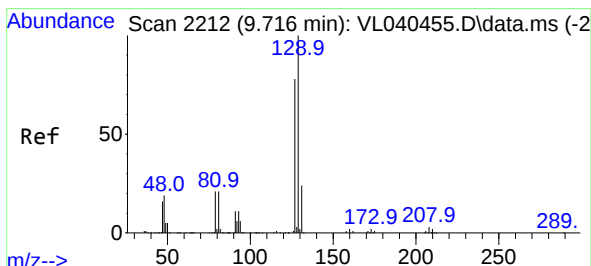
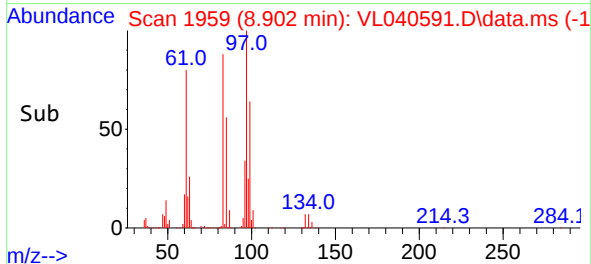
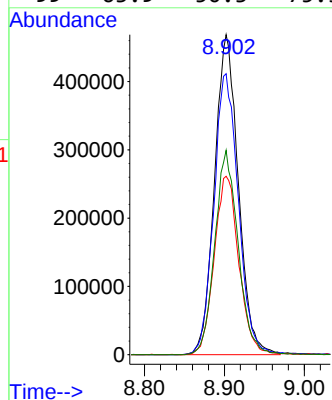
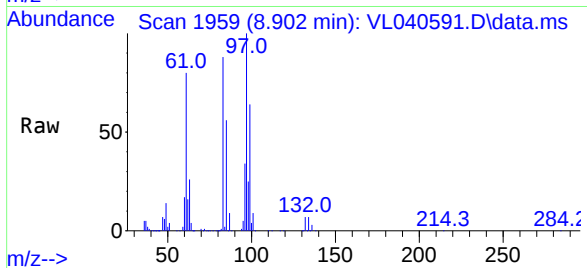
Ion Ratio Lower Upper

97 100

83 87.7 73.4 110.0

85 55.8 46.6 70.0

99 63.9 50.3 75.5



#48

Dibromochloromethane

Concen: 10.845 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. -0.010 min

Lab File: VL040591.D

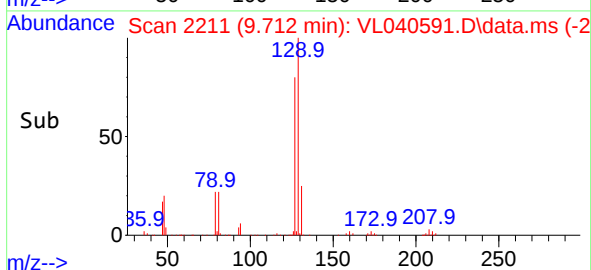
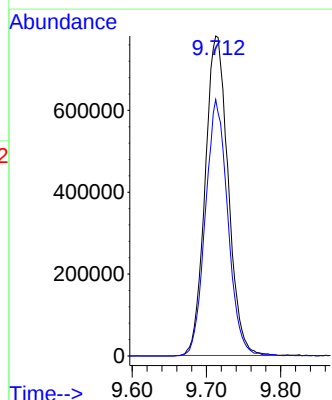
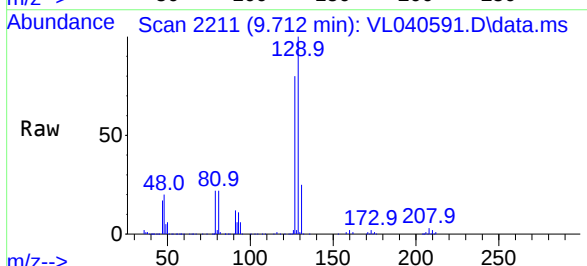
Acq: 7 Aug 2023 9:04

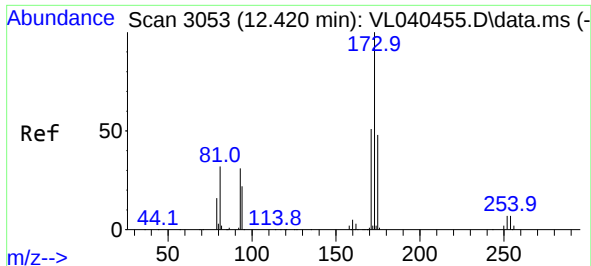
Tgt Ion: 129 Resp: 1684664

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.3





#49

Bromoform

Concen: 11.327 ppbv

RT: 12.413 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

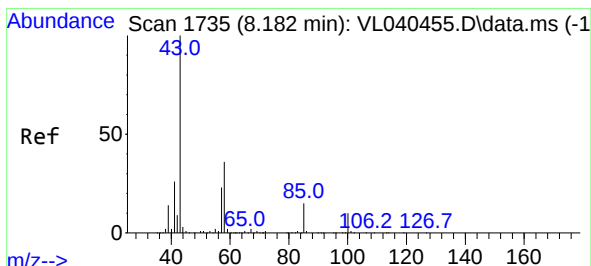
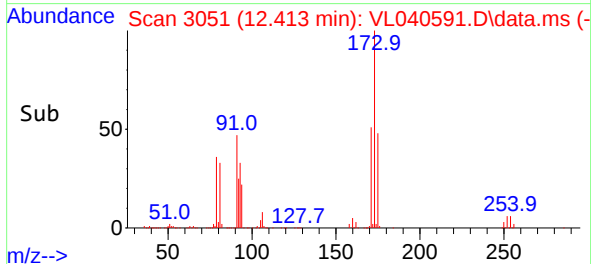
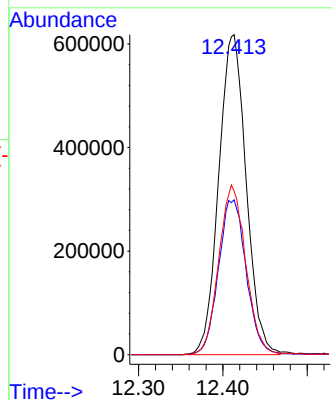
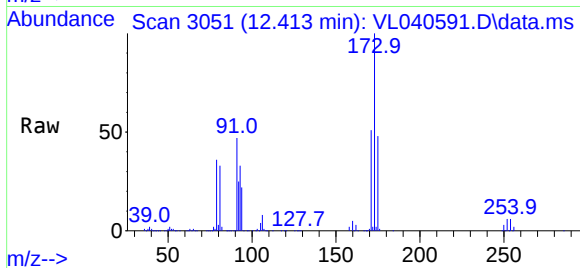
Tgt Ion:173 Resp: 1394961

Ion Ratio Lower Upper

173 100

175 49.1 39.5 59.3

171 52.4 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 10.610 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.007 min

Lab File: VL040591.D

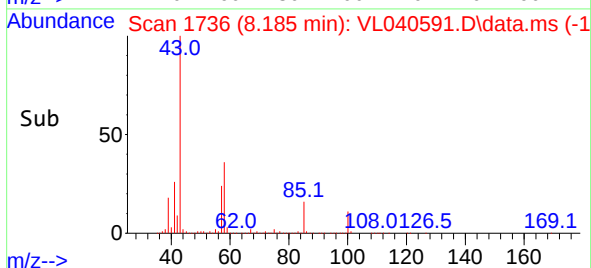
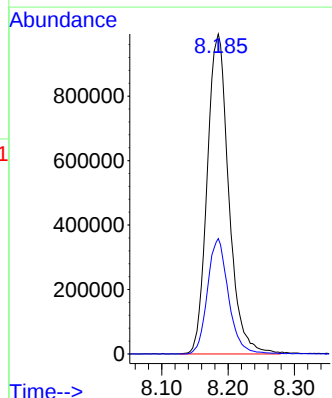
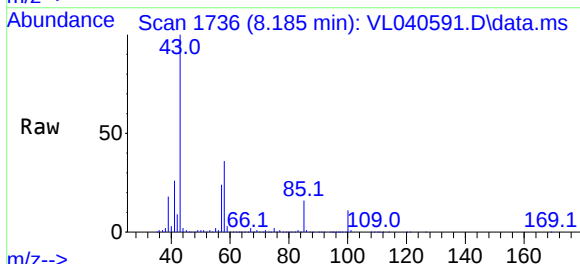
Acq: 7 Aug 2023 9:04

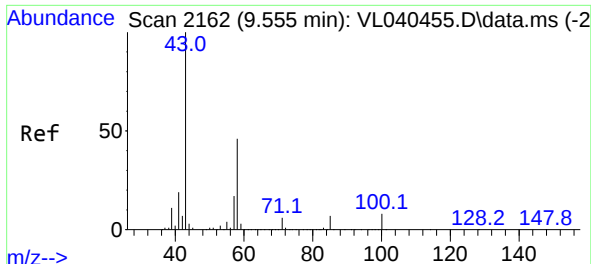
Tgt Ion: 43 Resp: 2239546

Ion Ratio Lower Upper

43 100

58 35.1 30.2 45.2

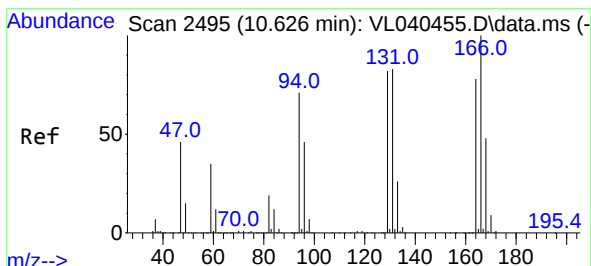
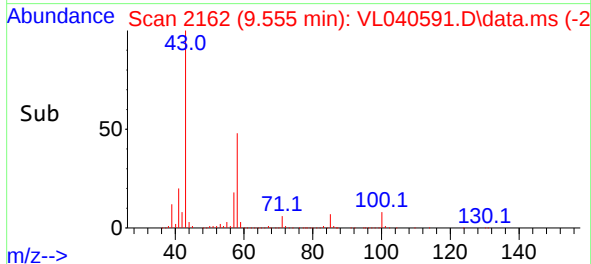
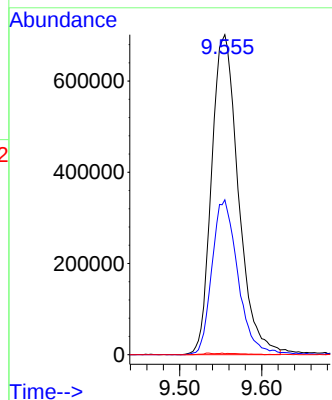
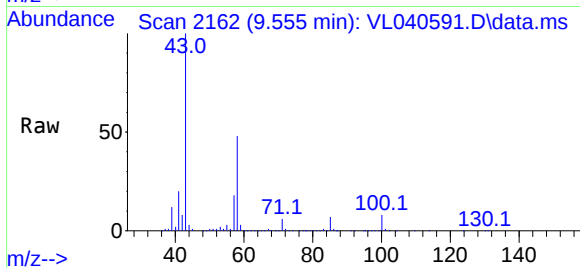




#51
2-Hexanone
Concen: 10.665 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

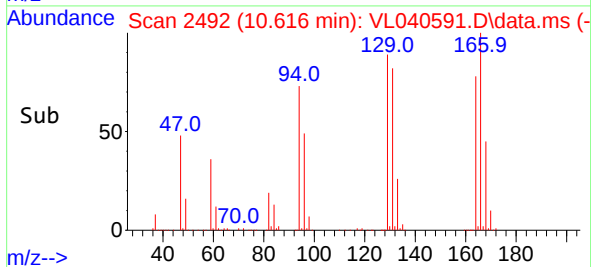
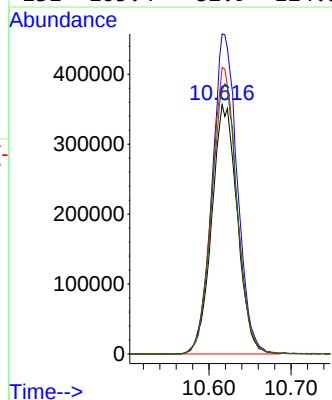
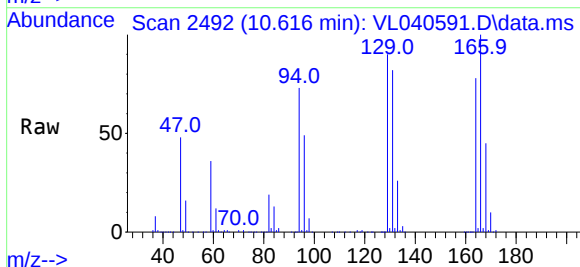
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

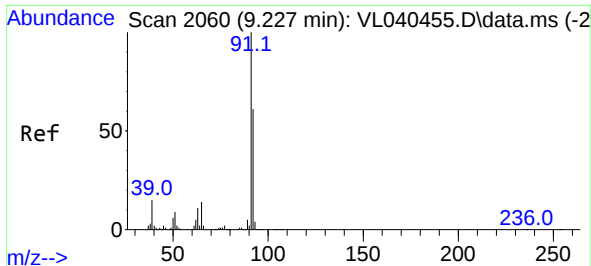
Tgt Ion: 43 Resp: 1591886
Ion Ratio Lower Upper
43 100
58 47.5 39.7 59.5
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.092 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:164 Resp: 773117
Ion Ratio Lower Upper
164 100
166 128.4 103.9 155.9
129 114.9 84.6 126.8
131 105.4 82.9 124.3

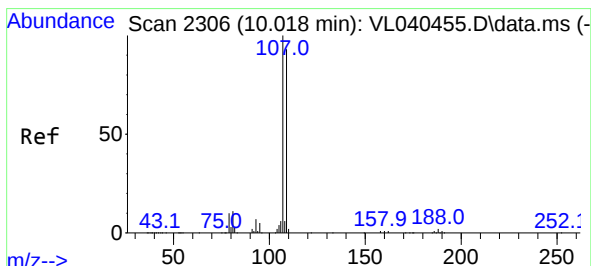
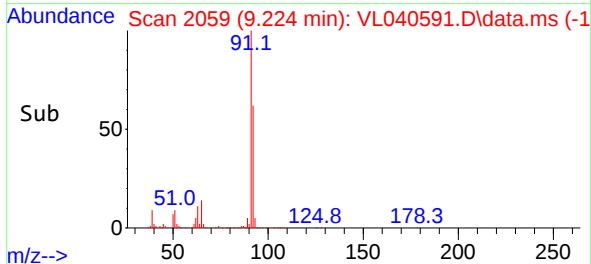
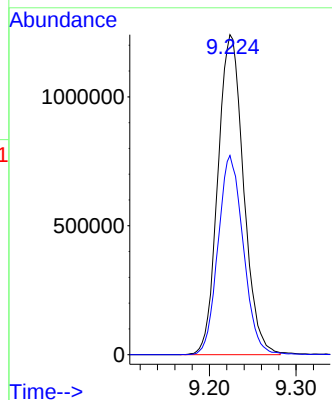
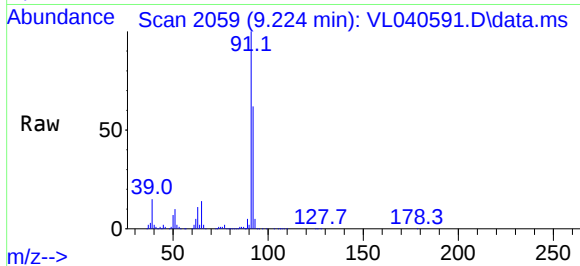




#53
Toluene
Concen: 9.943 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

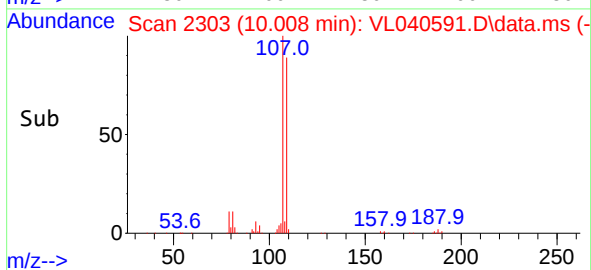
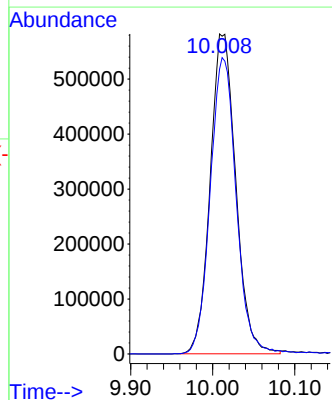
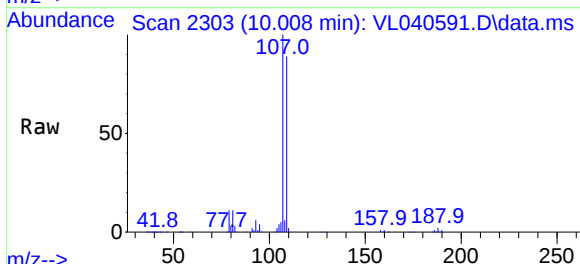
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

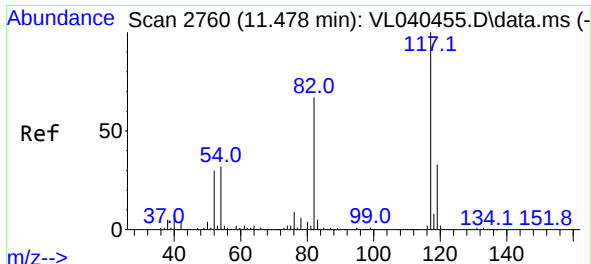
Tgt Ion: 91 Resp: 2554970
Ion Ratio Lower Upper
91 100
92 61.5 49.1 73.7



#54
1,2-Dibromoethane
Concen: 10.113 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 107 Resp: 1262949
Ion Ratio Lower Upper
107 100
109 88.9 75.4 113.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

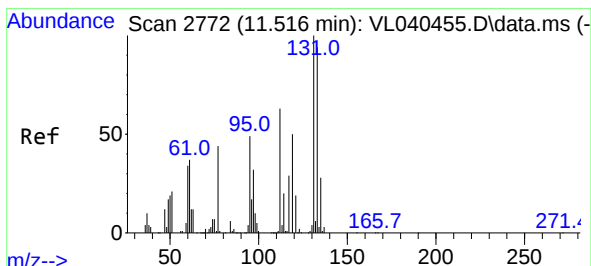
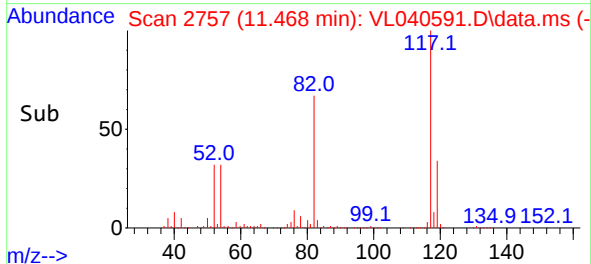
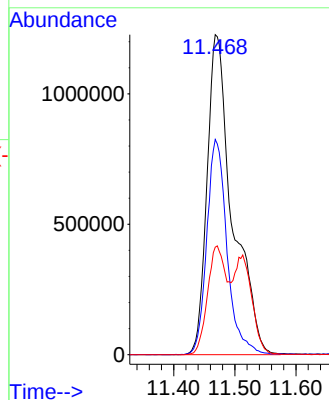
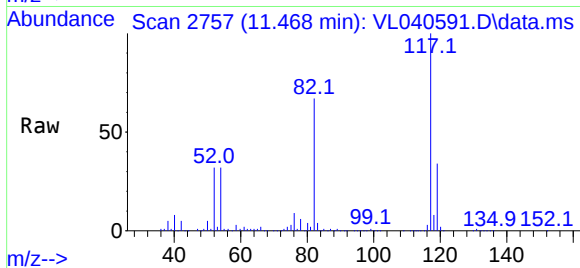
Tgt Ion:117 Resp: 3552195

Ion Ratio Lower Upper

117 100

82 53.7 50.2 75.4

119 26.3 26.9 40.3#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.992 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. -0.007 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

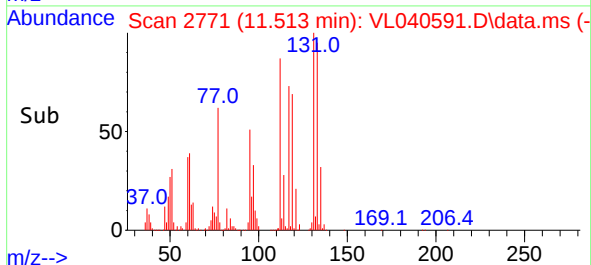
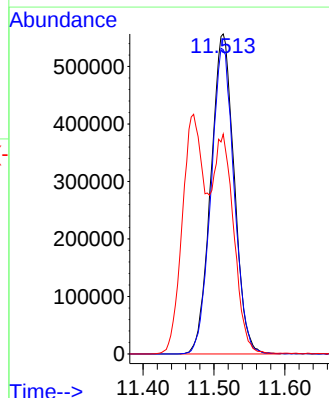
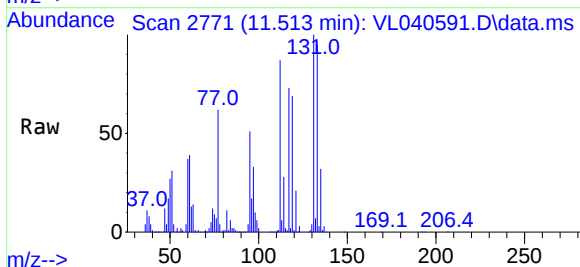
Tgt Ion:131 Resp: 1271394

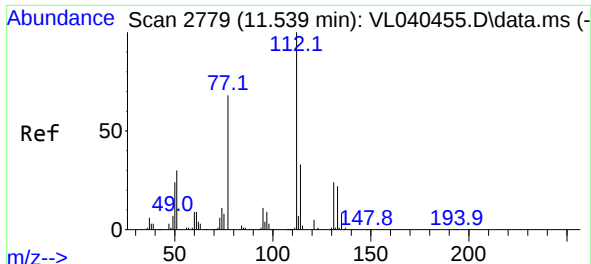
Ion Ratio Lower Upper

131 100

133 94.9 76.3 114.5

119 60.8 51.1 76.7

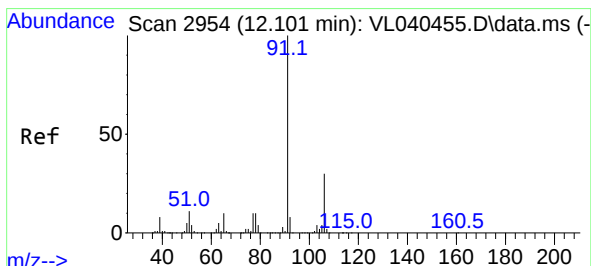
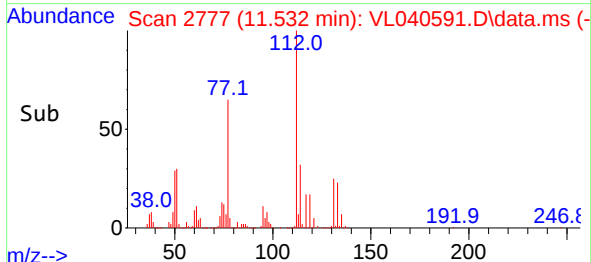
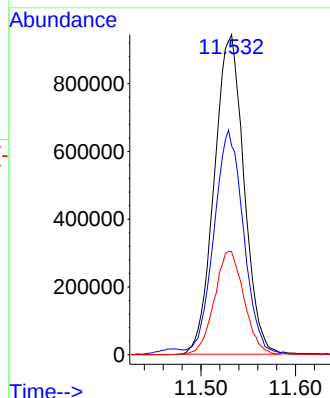
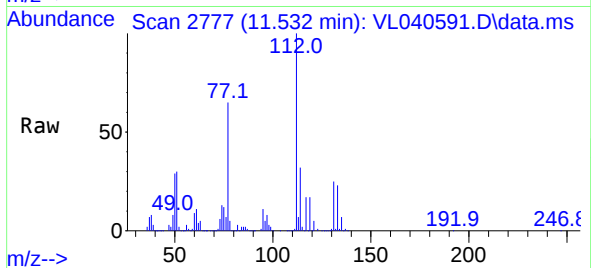




#57
Chlorobenzene
Concen: 7.422 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

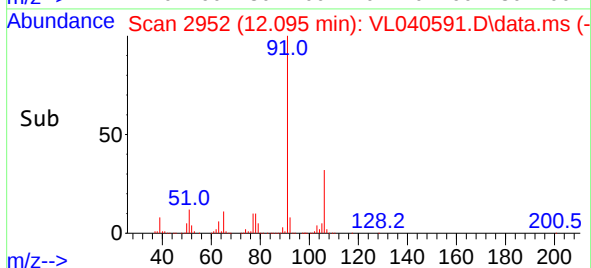
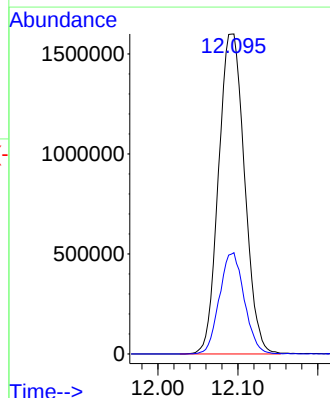
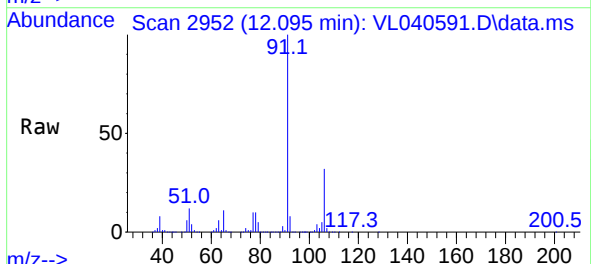
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

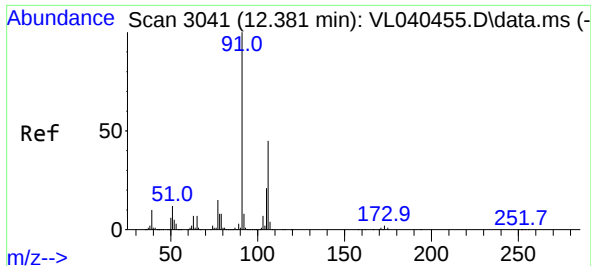
Tgt Ion:112 Resp: 2055964
Ion Ratio Lower Upper
112 100
77 64.7 51.0 76.6
114 32.2 28.3 34.5



#58
Ethyl Benzene
Concen: 8.081 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 91 Resp: 3602373
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0





#59

m/p-Xylene

Concen: 8.591 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. -0.010 min

Lab File: VL040591.D

Acq: 7 Aug 2023 9:04

Instrument :

MSVOA_L

ClientSampleId :

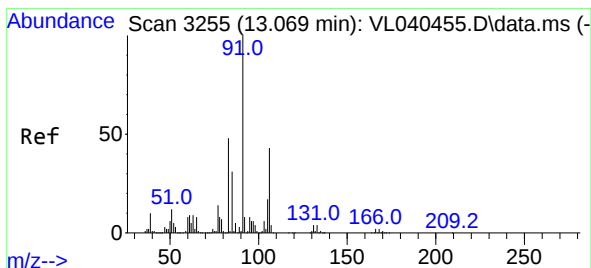
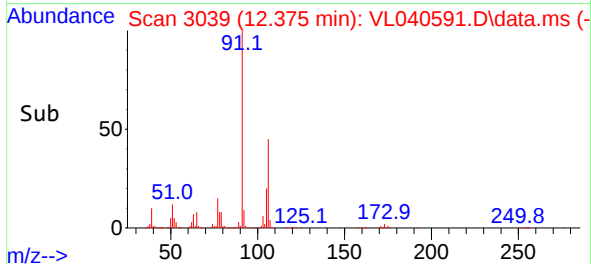
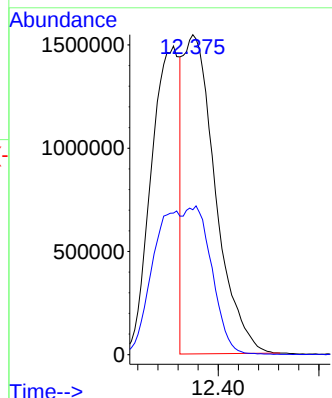
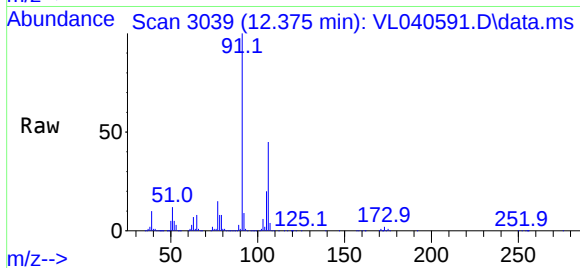
VSTDCCC010

Tgt Ion: 91 Resp: 3418314

Ion Ratio Lower Upper

91 100

106 81.7 35.9 53.9#



#60

o-Xylene

Concen: 8.195 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.007 min

Lab File: VL040591.D

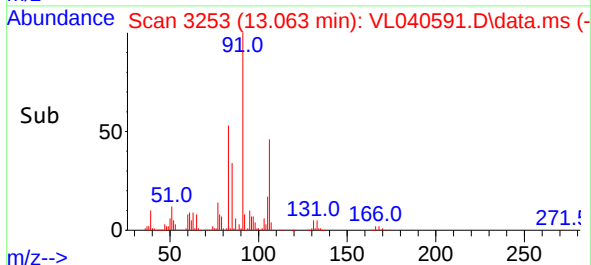
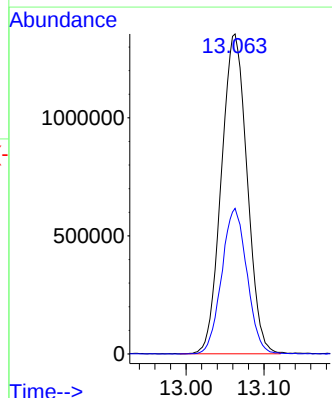
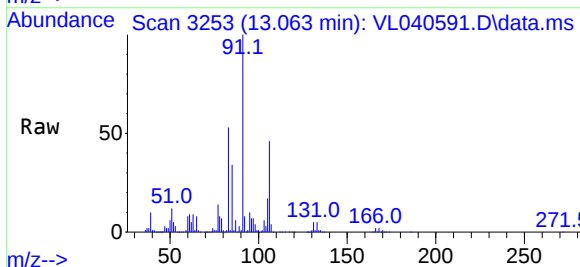
Acq: 7 Aug 2023 9:04

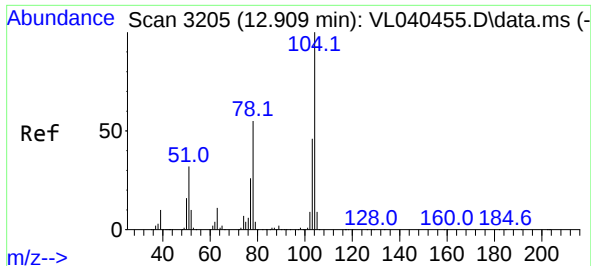
Tgt Ion: 91 Resp: 3106087

Ion Ratio Lower Upper

91 100

106 44.9 22.7 68.0

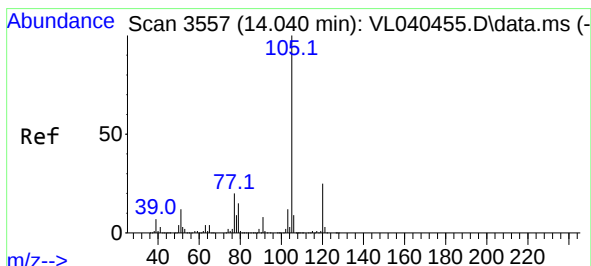
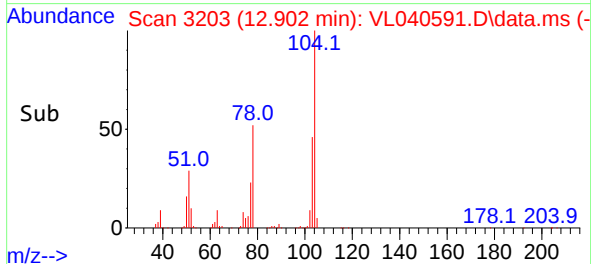
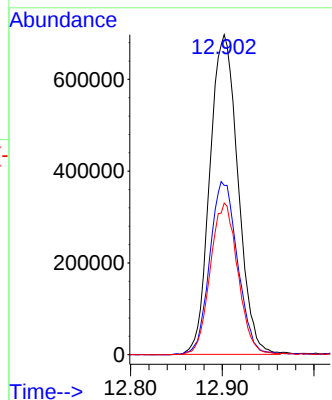
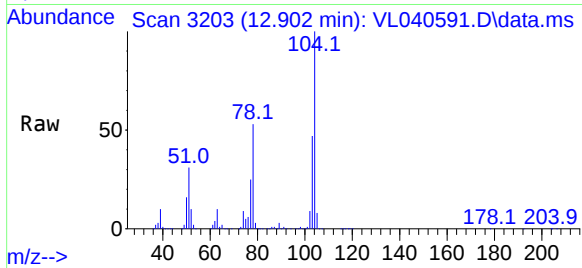




#61
Styrene
Concen: 8.484 ppbv
RT: 12.902 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

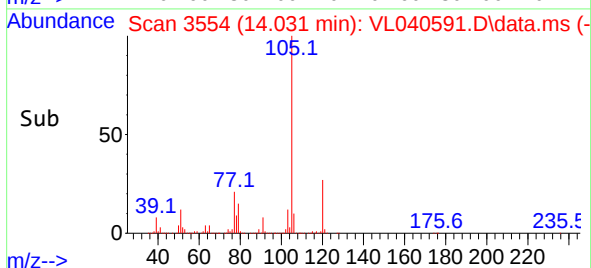
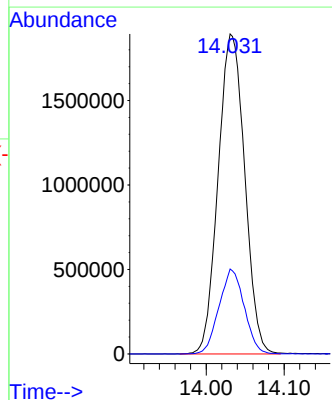
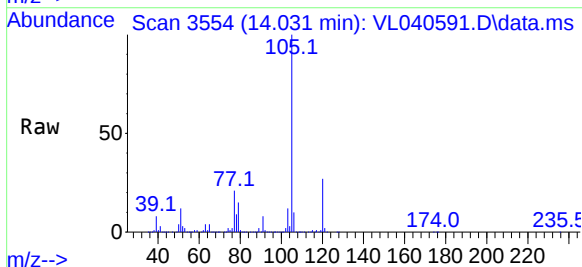
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

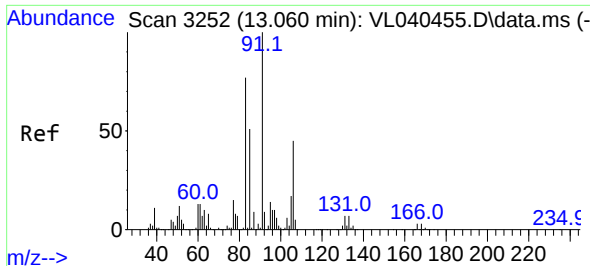
Tgt Ion:104 Resp: 1483290
Ion Ratio Lower Upper
104 100
78 54.0 40.1 60.1
103 46.8 37.0 55.4



#62
Isopropylbenzene
Concen: 7.881 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:105 Resp: 4476855
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2

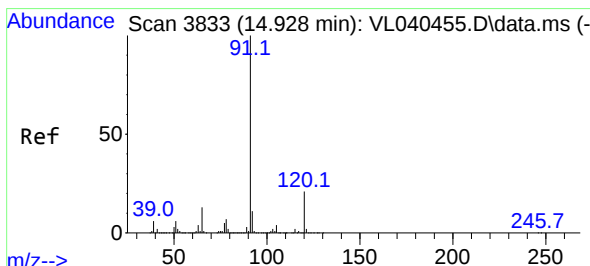
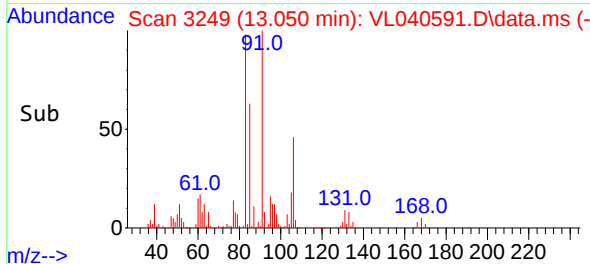
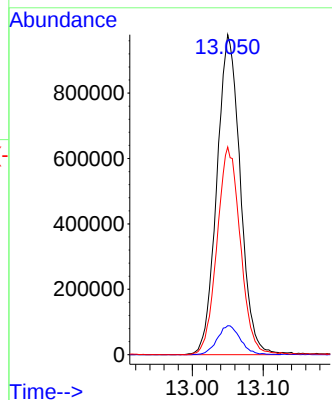
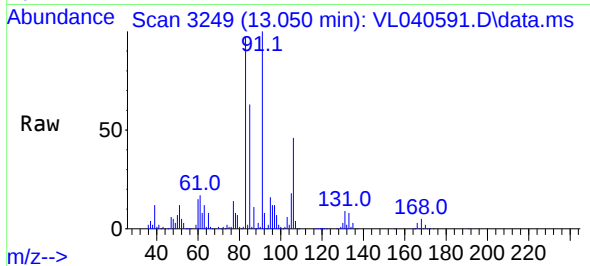




#63
1,1,2,2-Tetrachloroethane
Concen: 8.440 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

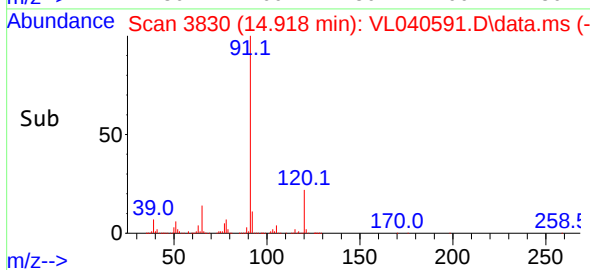
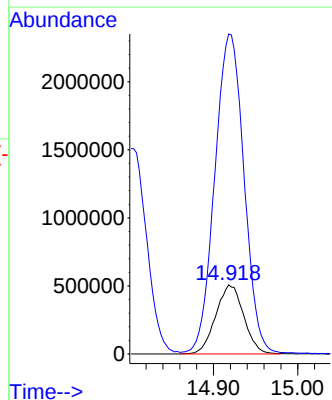
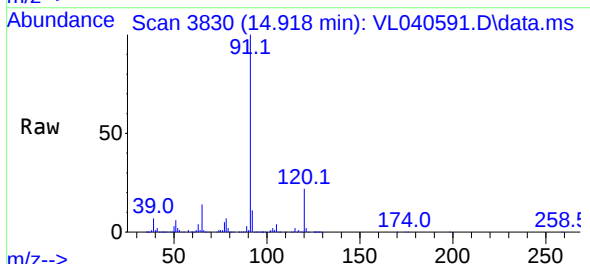
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

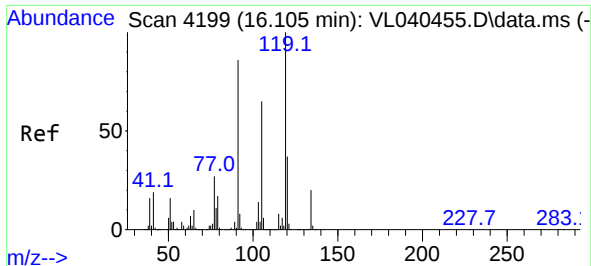
Tgt Ion: 83 Resp: 2240395
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.2 32.8 98.3



#64
n-propylbenzene
Concen: 7.940 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:120 Resp: 1167066
Ion Ratio Lower Upper
120 100
91 486.8 374.3 561.5

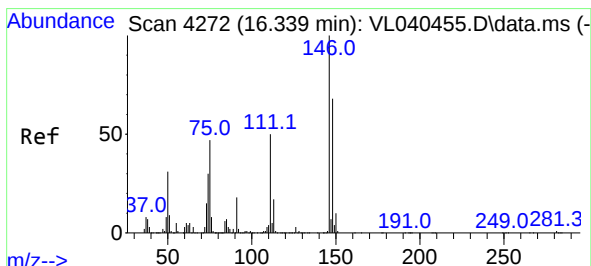
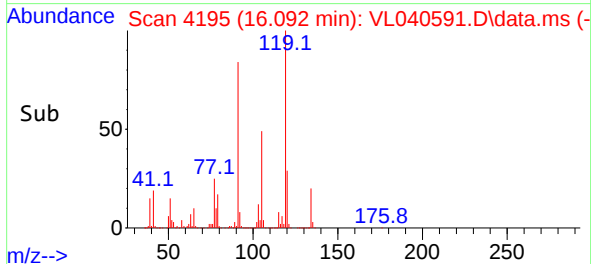
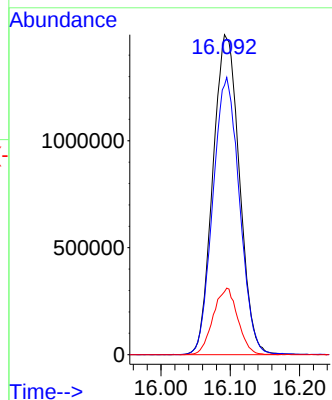
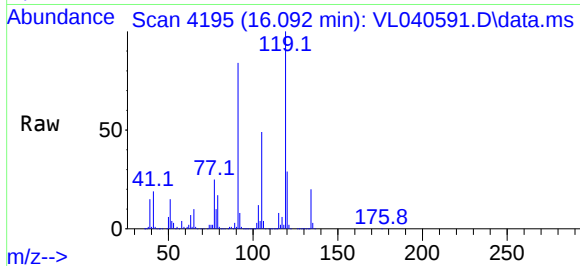




#65
tert-Butylbenzene
Concen: 7.914 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

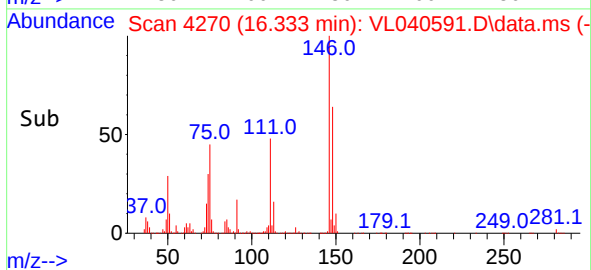
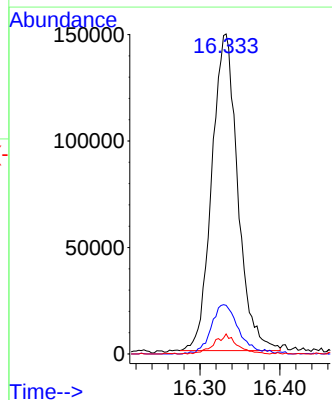
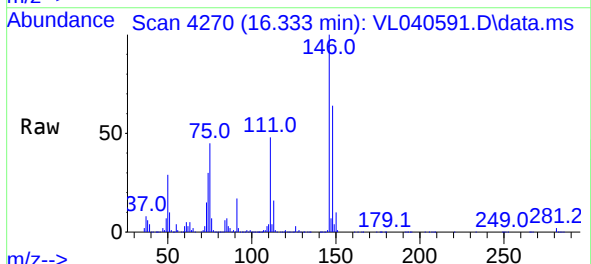
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

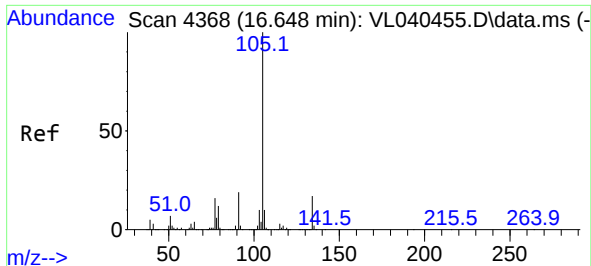
Tgt Ion:119 Resp: 3980254
Ion Ratio Lower Upper
119 100
91 87.0 66.1 99.1
134 19.2 15.7 23.5



#66
Benzyl Chloride
Concen: 9.414 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 91 Resp: 334919
Ion Ratio Lower Upper
91 100
126 16.9 15.4 23.2
128 5.6 4.5 6.7

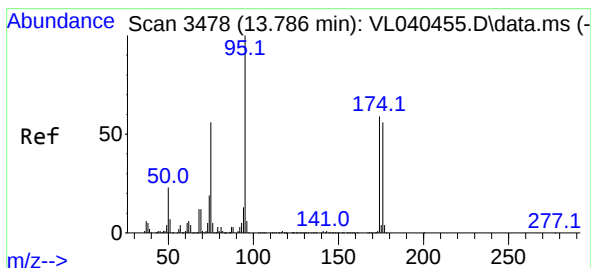
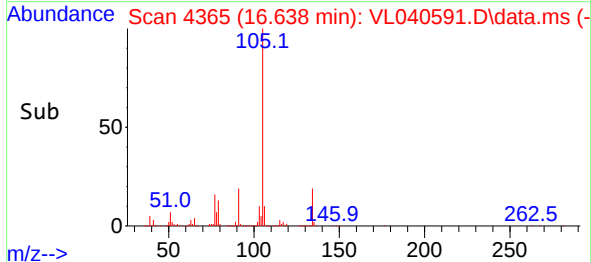
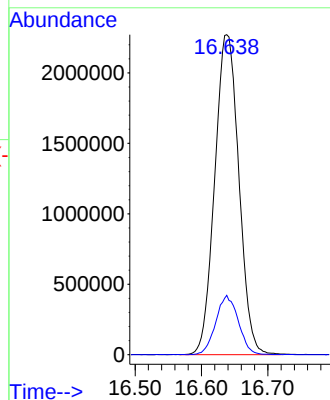
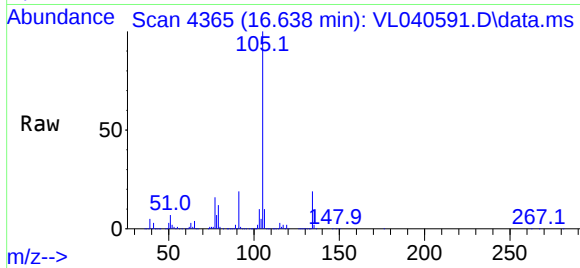




#67
 sec-Butylbenzene
 Concen: 7.762 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

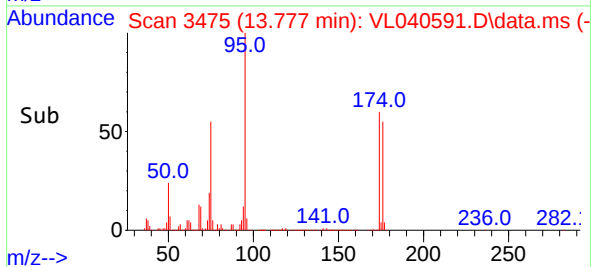
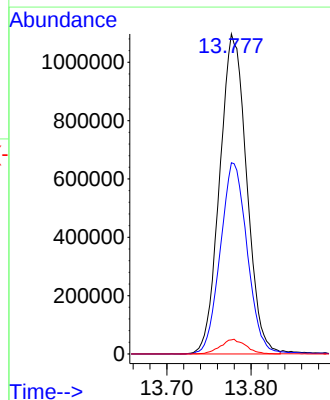
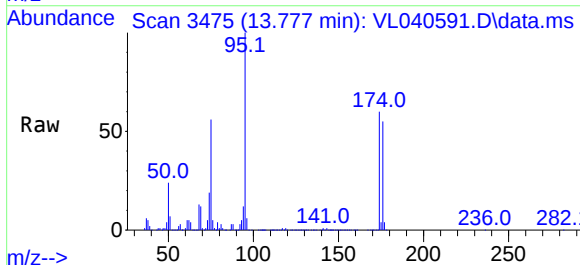
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

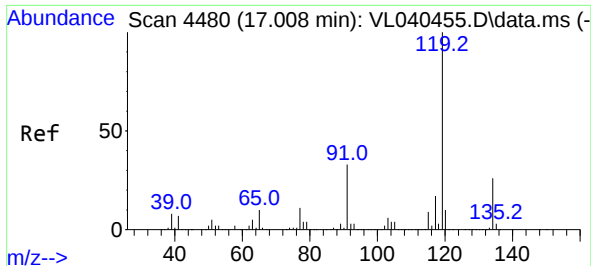
Tgt Ion:105 Resp: 5735612
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.657 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.007 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

Tgt Ion: 95 Resp: 2433717
 Ion Ratio Lower Upper
 95 100
 174 60.1 50.6 75.8
 175 4.4 3.7 5.5

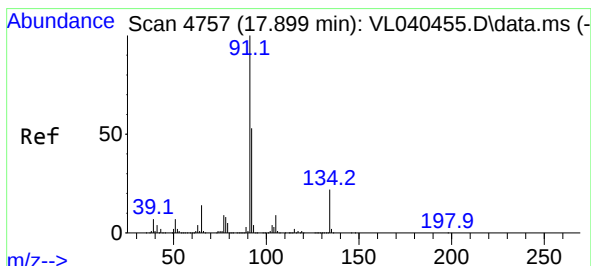
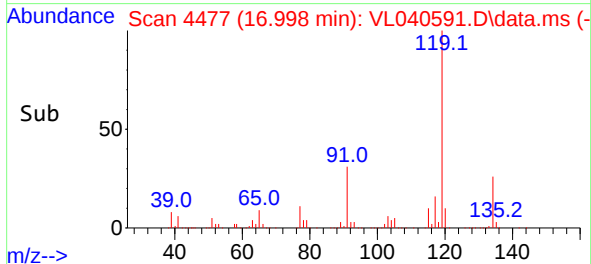
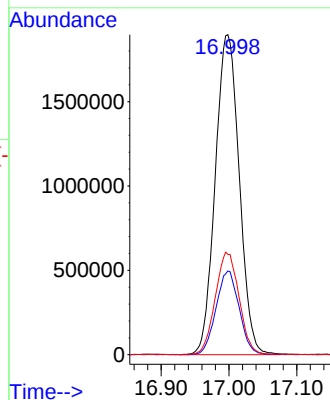
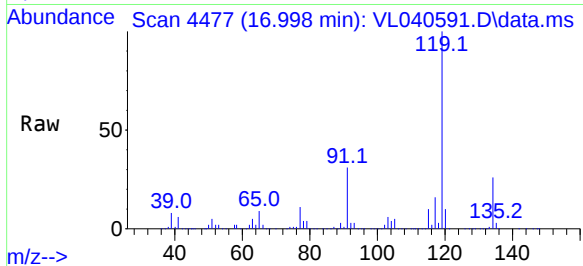




#69
p-Isopropyltoluene
Concen: 7.634 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

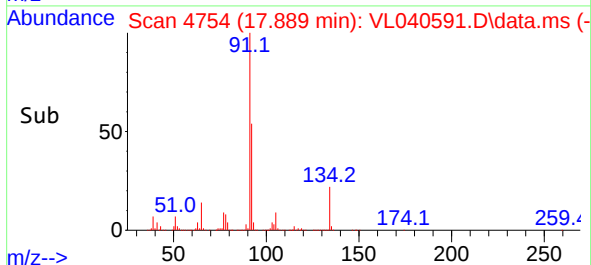
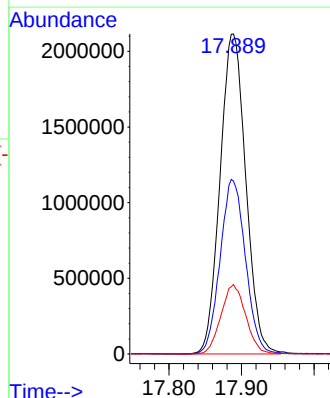
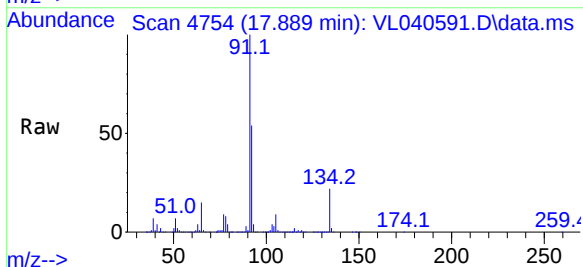
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

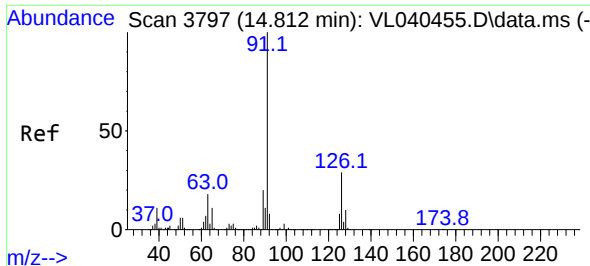
Tgt Ion:119 Resp: 4661745
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 31.7 23.8 35.8



#70
n-Butylbenzene
Concen: 7.647 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 91 Resp: 5207656
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.0
134 21.0 18.1 27.1

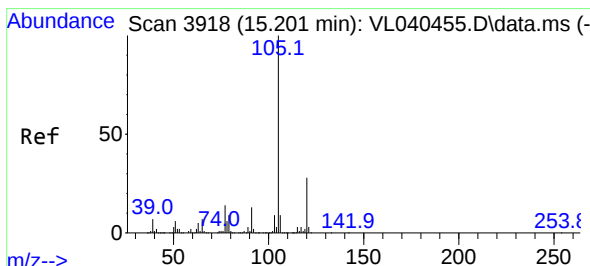
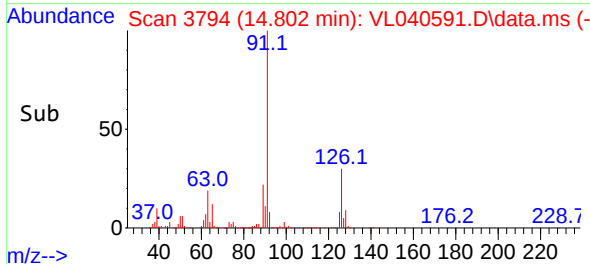
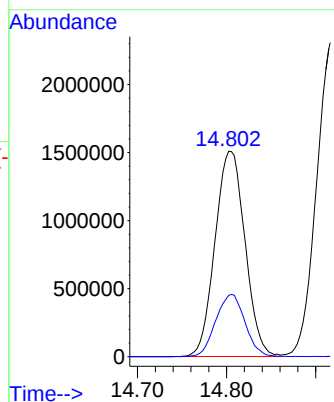
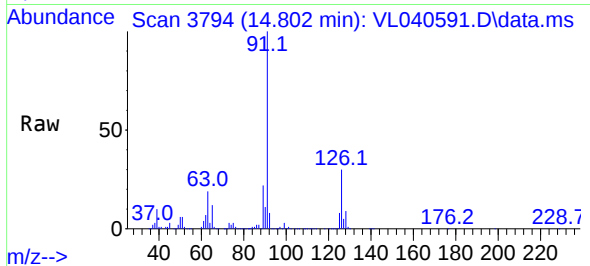




#71
2-Chlorotoluene
Concen: 8.059 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

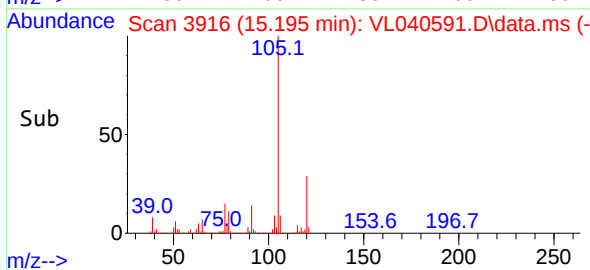
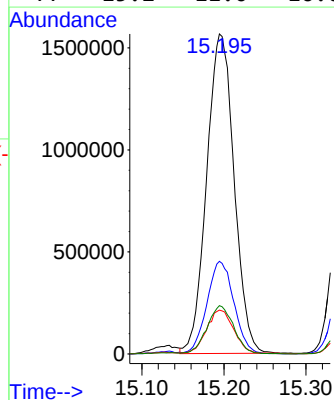
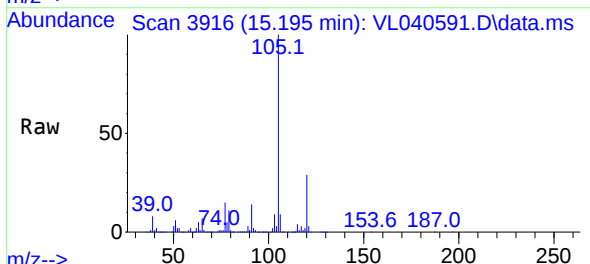
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

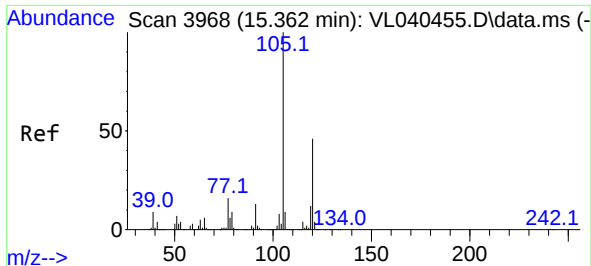
Tgt Ion: 91 Resp: 3528467
Ion Ratio Lower Upper
91 100
126 29.6 12.4 49.8



#72
4-Ethyltoluene
Concen: 8.197 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion: 105 Resp: 3642151
Ion Ratio Lower Upper
105 100
120 29.4 24.6 37.0
91 13.7 10.7 16.1
77 15.2 11.0 16.6

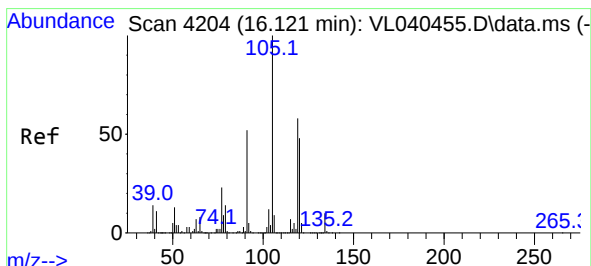
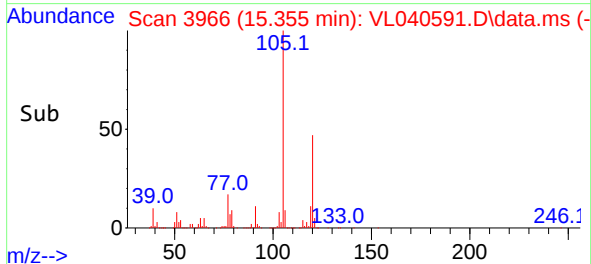
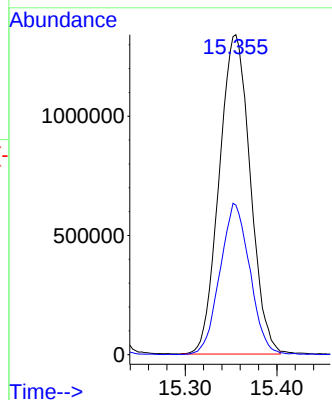
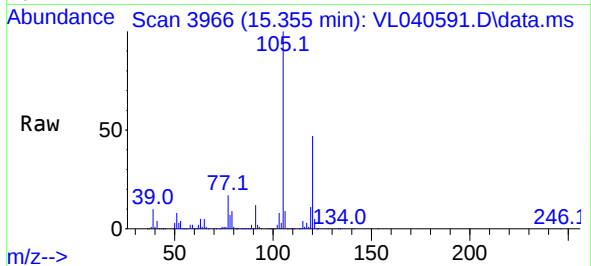




#73
1,3,5-Trimethylbenzene
Concen: 8.036 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

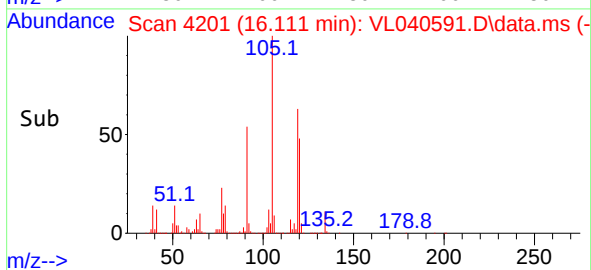
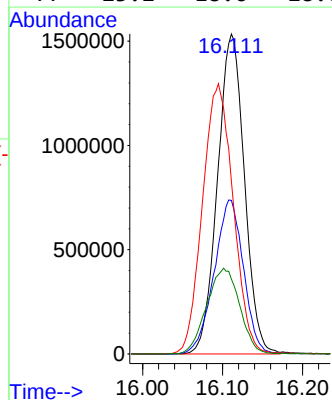
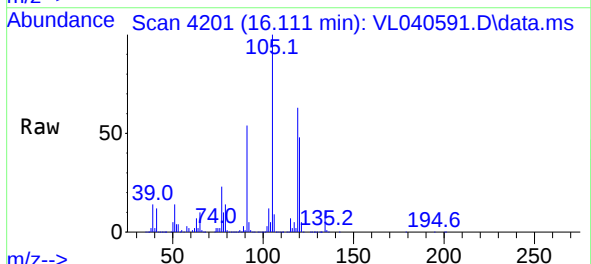
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

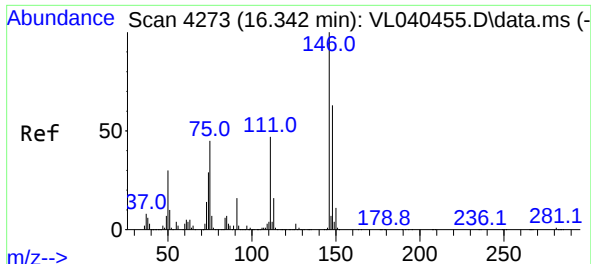
Tgt Ion:105 Resp: 3147048
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 7.846 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:105 Resp: 3582709
Ion Ratio Lower Upper
105 100
120 47.8 40.3 60.5
91 53.7 46.8 70.2
77 23.2 18.6 28.0

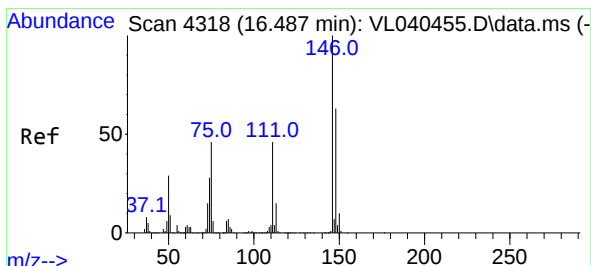
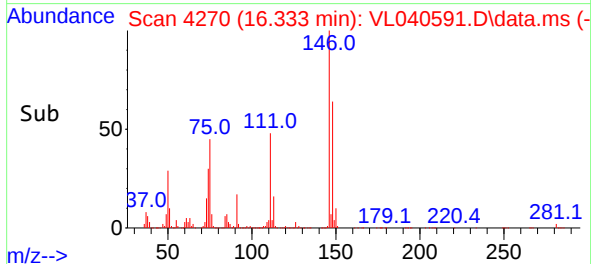
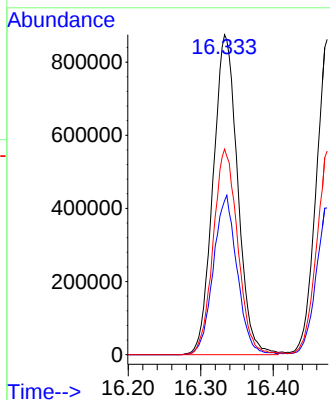
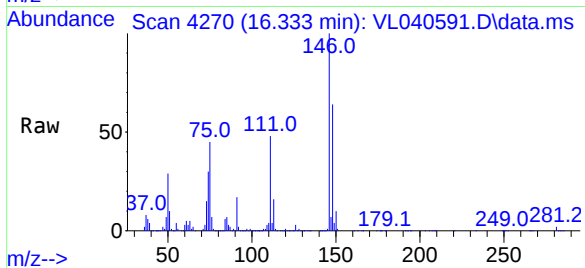




#75
1,3-Dichlorobenzene
Concen: 7.427 ppbv
RT: 16.333 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

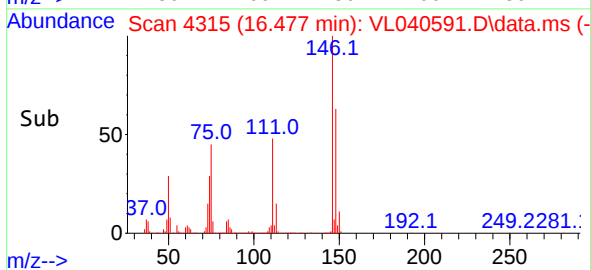
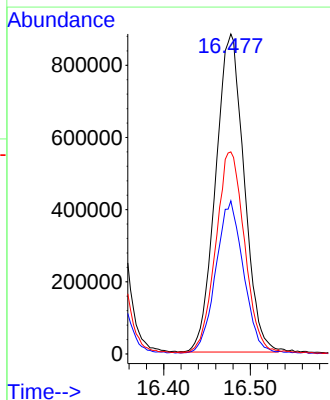
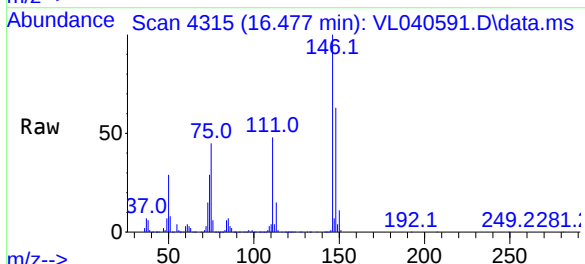
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

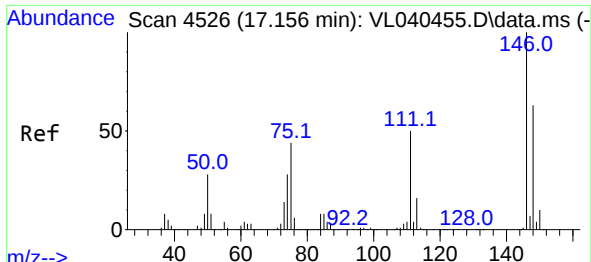
Tgt Ion:146 Resp: 2056120
Ion Ratio Lower Upper
146 100
111 48.5 23.6 71.0
148 64.3 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 7.421 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:146 Resp: 2014385
Ion Ratio Lower Upper
146 100
111 47.4 22.8 68.3
148 64.9 32.6 97.8

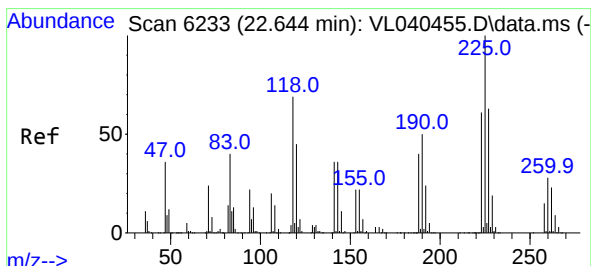
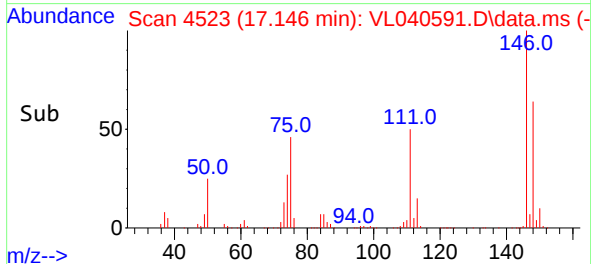
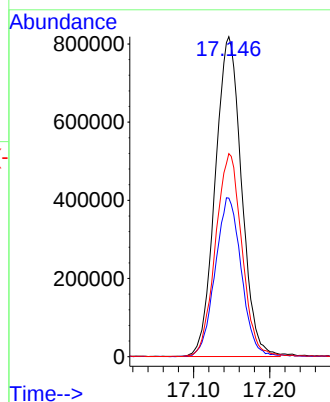
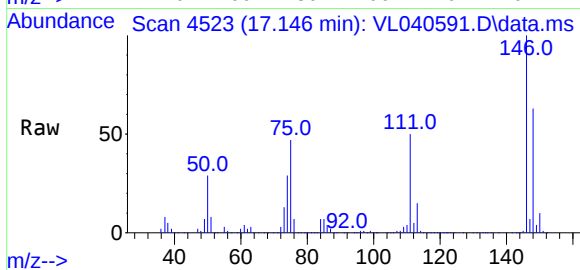




#77
1,2-Dichlorobenzene
Concen: 7.420 ppbv
RT: 17.146 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

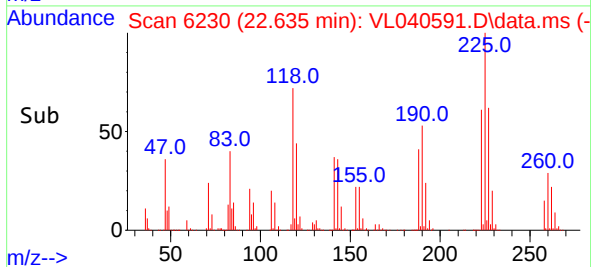
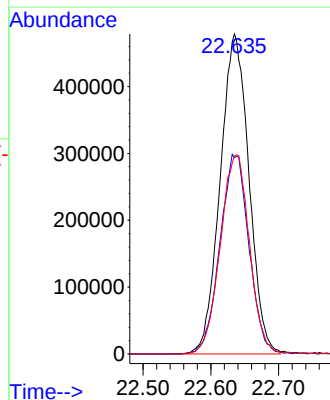
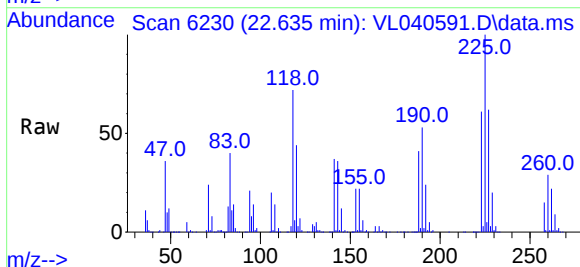
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

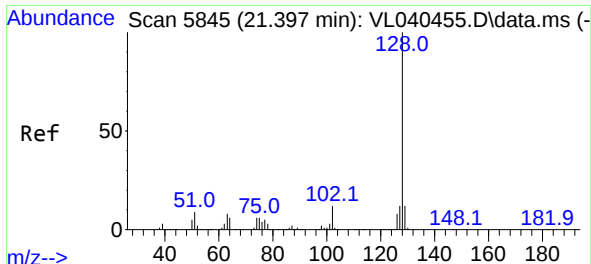
Tgt Ion:146 Resp: 1964210
Ion Ratio Lower Upper
146 100
111 49.5 24.3 72.8
148 63.8 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 5.671 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

Tgt Ion:225 Resp: 1409853
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 63.4 51.0 76.6

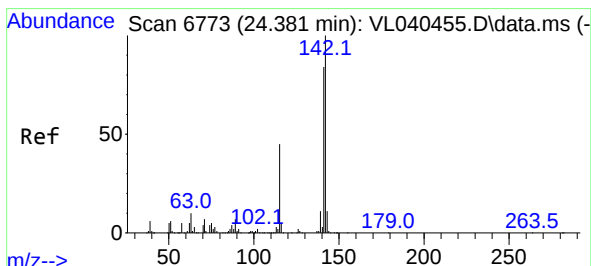
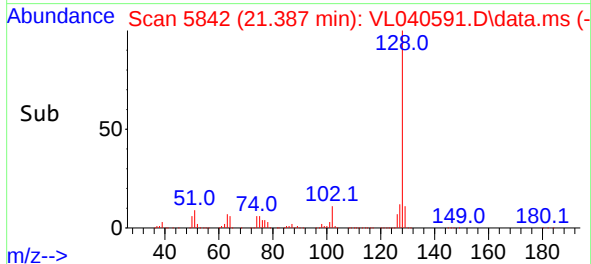
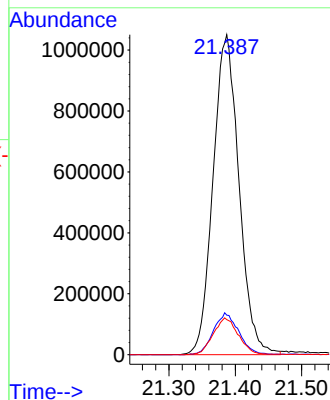
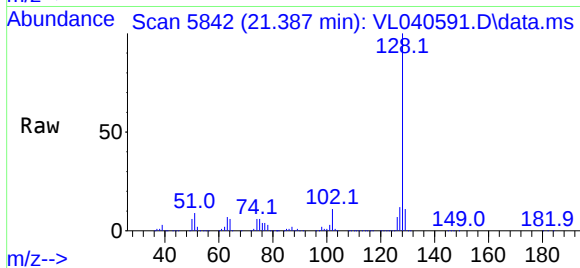




#79
Naphthalene
Concen: 7.369 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. -0.007 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

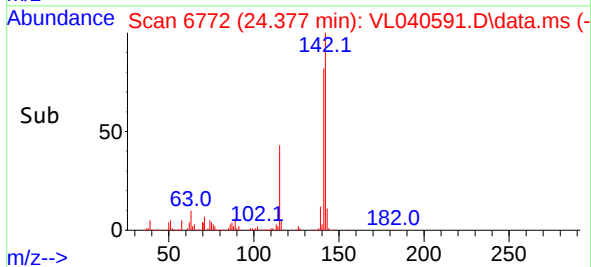
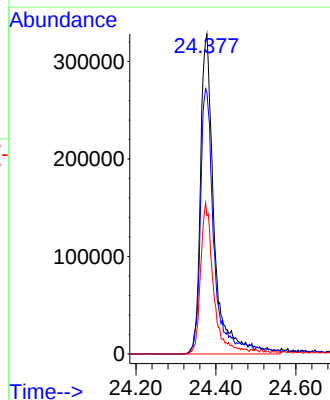
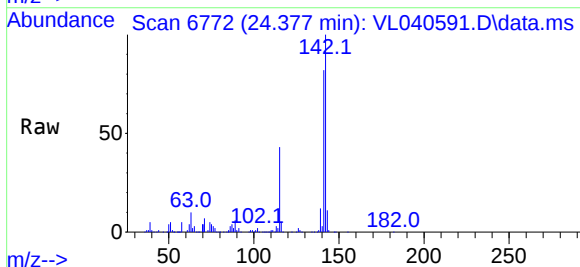
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

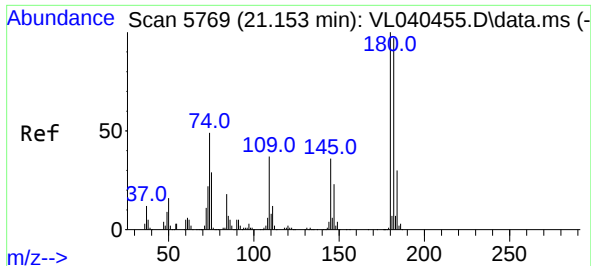
Tgt Ion:128 Resp: 2846763
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 10.9 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 4.918 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040591.D
Acq: 7 Aug 2023 9:04

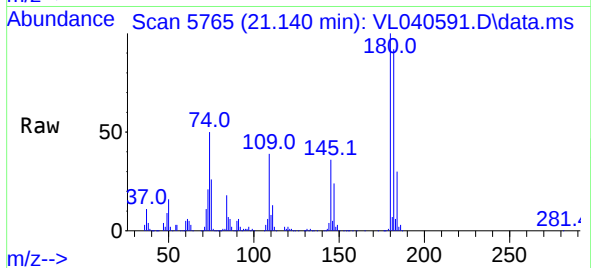
Tgt Ion:142 Resp: 783406
Ion Ratio Lower Upper
142 100
141 84.8 66.7 100.1
115 44.6 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 6.285 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL040591.D
 Acq: 7 Aug 2023 9:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1673313

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
184	30.7	24.5	36.7

