

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029865.D
 Acq On : 14 Jan 2023 17:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB213

Quant Time: Jan 16 00:41:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	188980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	108139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76156	5.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.564	69	69328	5.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.108	63	143770	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	3.892	46	161113	60.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.700%
24) Chloroform-d	4.342	84	159307	5.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.027	65	67185	5.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.043	84	319899	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	6.063	67	95148	5.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.000%
41) Toluene-d8	7.307	98	292448	5.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.616	79	30162	5.034	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	152135	62.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.740%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	73397	6.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	103772	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	96062	5.198	ug/L	99
3) Chloromethane	1.240	50	106154	5.458	ug/L	99
5) Vinyl chloride	1.307	62	116401	6.103	ug/L	99
6) Bromomethane	1.519	94	47597	5.126	ug/L	99
8) Chloroethane	1.584	64	72074	6.228	ug/L	99
9) Trichlorofluoromethane	1.751	101	146916	5.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78417	5.328	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84911	5.008	ug/L	90
13) Acetone	2.182	43	102014	53.540	ug/L	92
14) Carbon disulfide	2.291	76	254462	5.213	ug/L	100
15) Methyl Acetate	2.436	43	25251	5.089	ug/L	99
16) Methylene chloride	2.503	84	94121	4.468	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	168441	5.745	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	90148	5.719	ug/L	96
19) 1,1-Dichloroethane	3.185	63	159335	6.043	ug/L	99
21) 2-Butanone	3.976	43	157641	57.752	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	95013	5.657	ug/L	99
23) Bromochloromethane	4.243	128	42318	6.101	ug/L	97
25) Chloroform	4.368	83	165936	5.789	ug/L	100

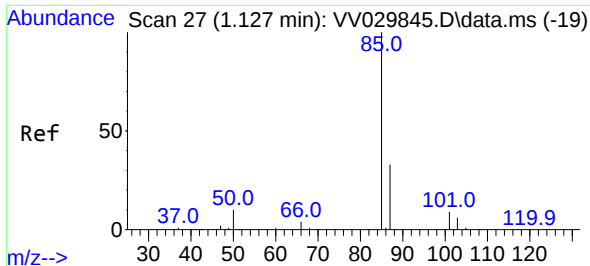
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87372	6.274	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	142531	5.808	ug/L	99
30) Cyclohexane	4.670	56	127676	5.496	ug/L	99
31) Carbon tetrachloride	4.821	117	120065	5.623	ug/L	99
33) Benzene	5.095	78	385171	6.165	ug/L	100
34) Trichloroethene	5.908	95	94080	5.942	ug/L	97
35) Methylcyclohexane	6.127	83	134396	5.027	ug/L	98
37) 1,2-Dichloropropane	6.165	63	92471	6.320	ug/L	100
38) Bromodichloromethane	6.503	83	110458	5.837	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	106939	5.450	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	401434	64.288	ug/L	99
42) Toluene	7.381	91	402485	5.973	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	86264	5.455	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	62485	5.927	ug/L	99
47) Tetrachloroethene	7.966	164	76416	5.732	ug/L	98
48) 2-Hexanone	8.136	43	294307	65.941	ug/L	99
49) Dibromochloromethane	8.236	129	69165	5.590	ug/L	99
50) 1,2-Dibromoethane	8.345	107	56754	6.202	ug/L	95
51) Chlorobenzene	8.873	112	248144	5.799	ug/L	98
52) Ethylbenzene	9.005	91	402295	5.704	ug/L	100
53) m,p-Xylene	9.130	106	157921	5.657	ug/L	98
54) o-Xylene	9.535	106	151695	5.726	ug/L	98
55) Styrene	9.551	104	271332	5.955	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	73878	6.309	ug/L	100
59) Bromoform	9.722	173	35381	5.051	ug/L	99
60) Isopropylbenzene	9.921	105	395007	5.715	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	50145	6.262	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	314506	5.309	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	318988	5.400	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	196095	5.586	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	196761	5.623	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	179386	5.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	9787	5.168	ug/L	94
69) 1,3,5-Trichlorobenzene	12.631	180	129368	4.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	96737	4.382	ug/L	99
71) Naphthalene	13.490	128	121984	4.265	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	82961	4.527	ug/L	99

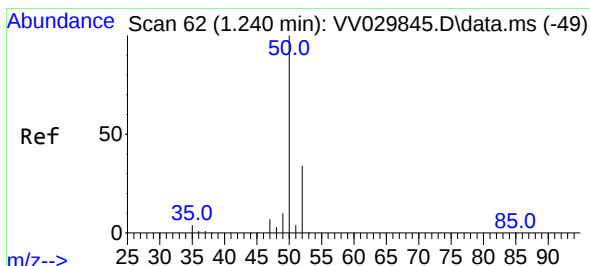
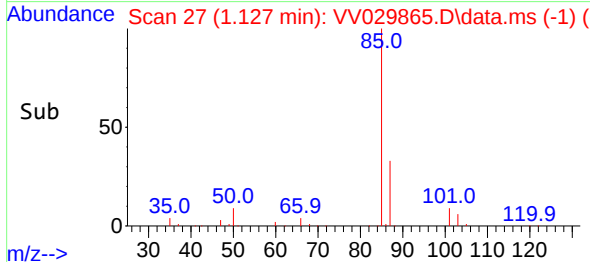
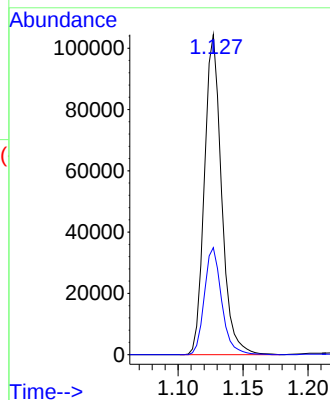
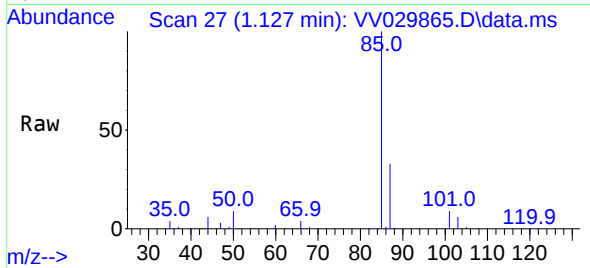
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#2
 Dichlorodifluoromethane
 Concen: 5.198 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029865.D
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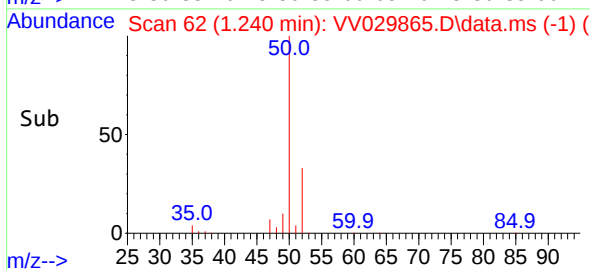
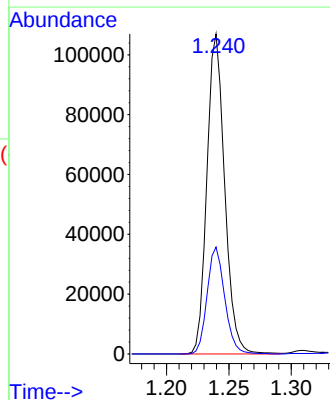
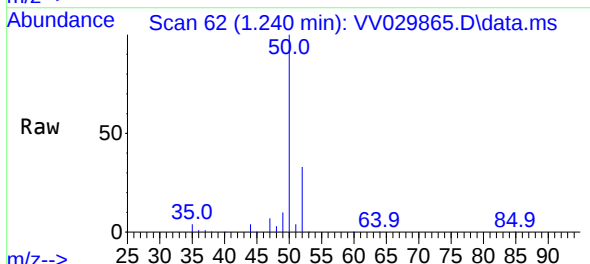
Instrument :
 MSVOA_V
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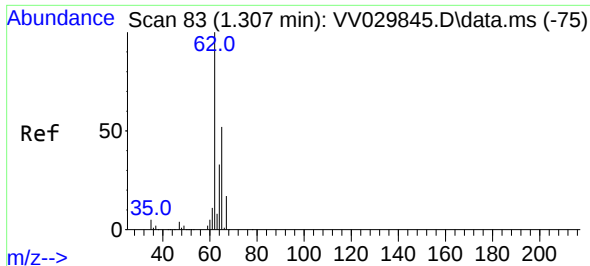
Tgt Ion: 85 Resp: 96062
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.5 39.7



#3
 Chloromethane
 Concen: 5.458 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029865.D
 Acq: 14 Jan 2023 17:33

Tgt Ion: 50 Resp: 106154
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.1 42.9

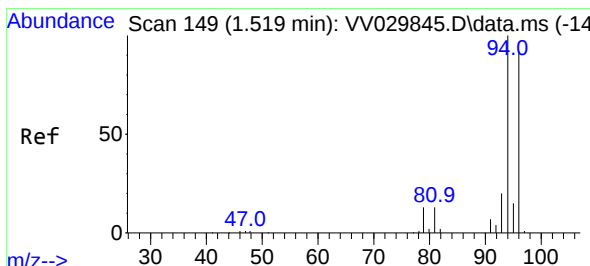
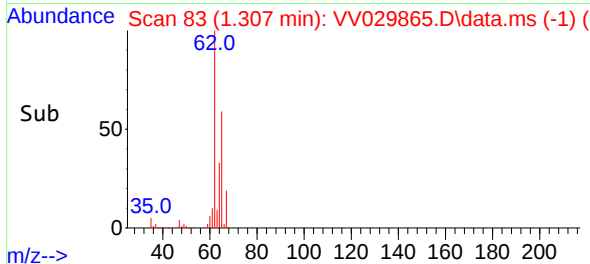
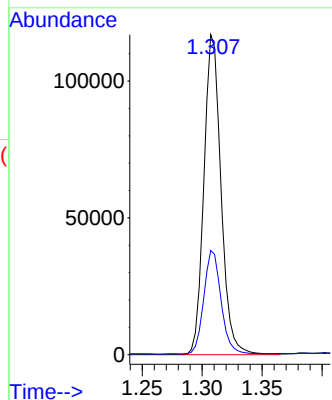
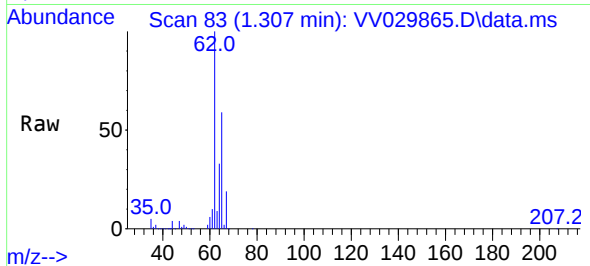




#5
 Vinyl chloride
 Concen: 6.103 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV029865.D
 Acq: 14 Jan 2023 17:33

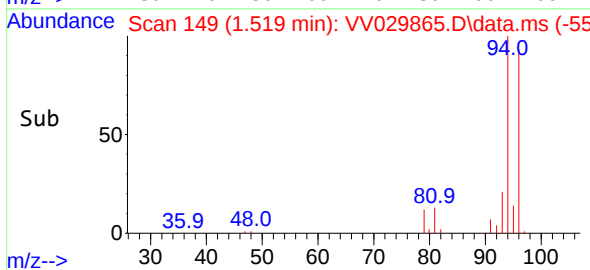
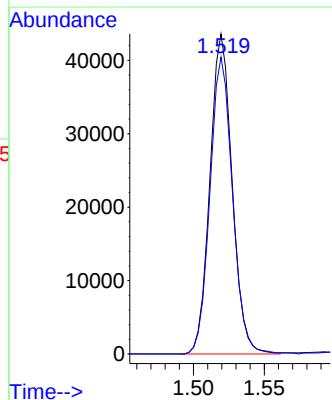
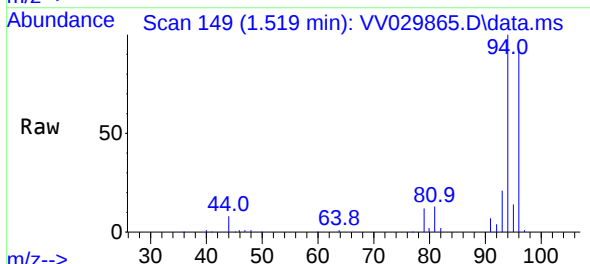
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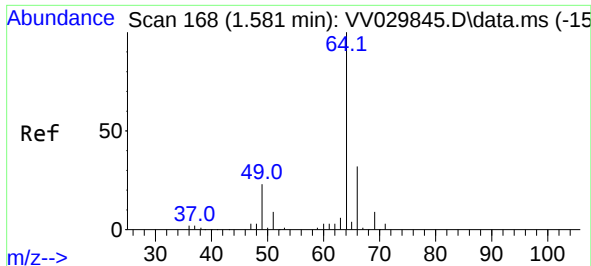
Tgt Ion: 62 Resp: 116401
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.126 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029865.D
 Acq: 14 Jan 2023 17:33

Tgt Ion: 94 Resp: 47597
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.9 122.5

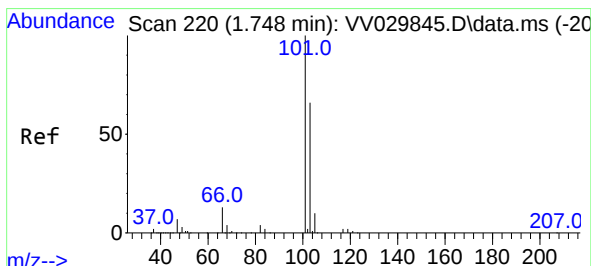
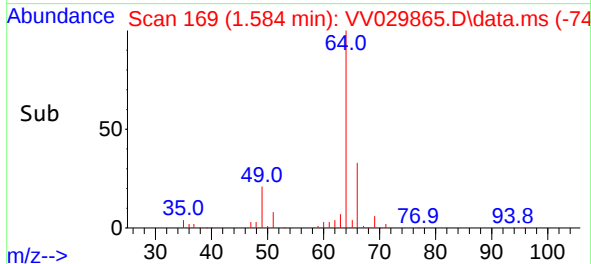
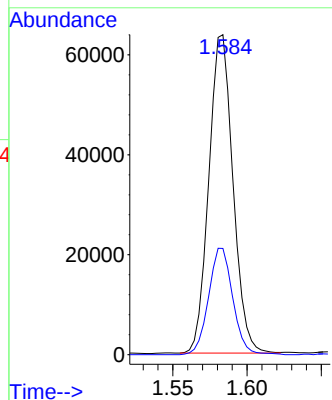
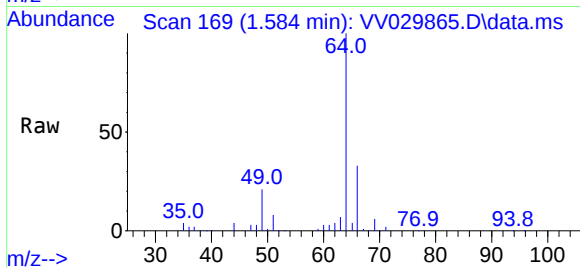




#8
Chloroethane
Concen: 6.228 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

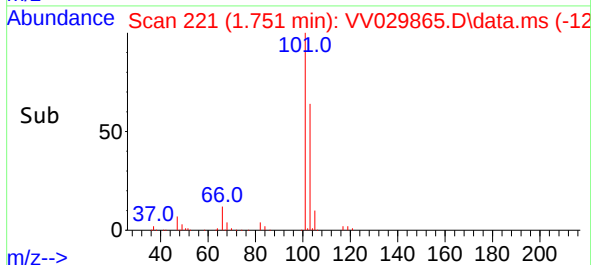
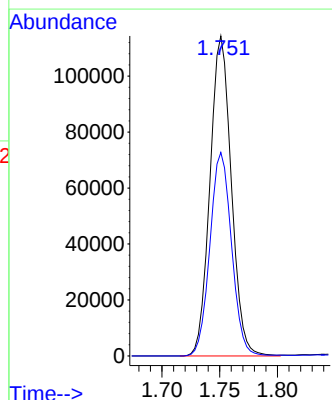
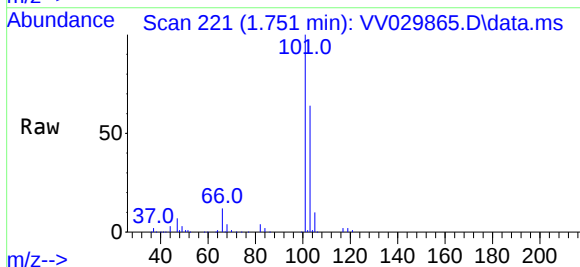
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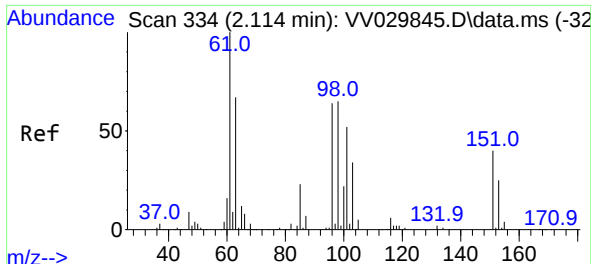
Tgt Ion: 64 Resp: 72074
Ion Ratio Lower Upper
64 100
66 33.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.881 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:101 Resp: 146916
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

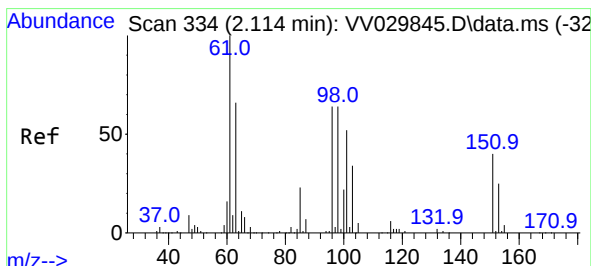
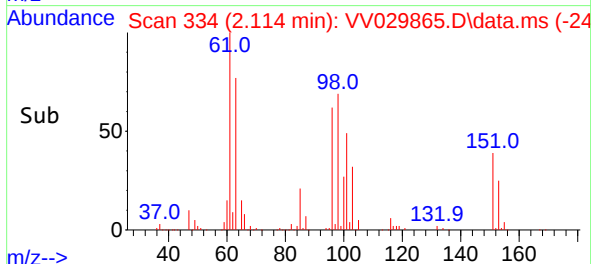
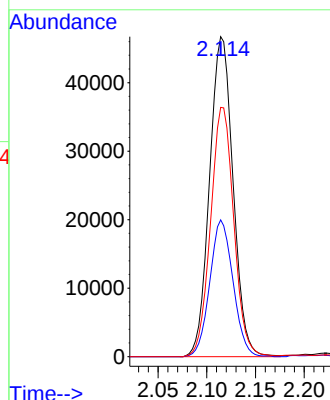
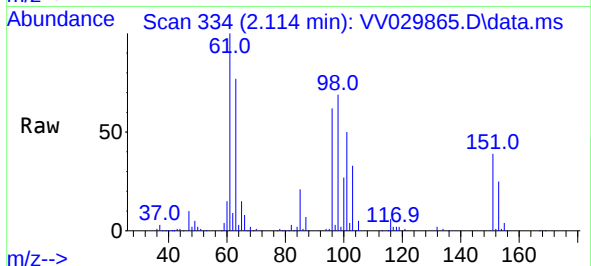




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.328 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

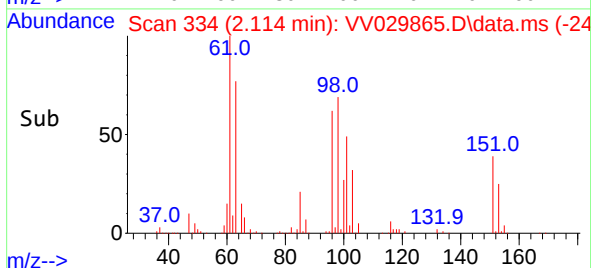
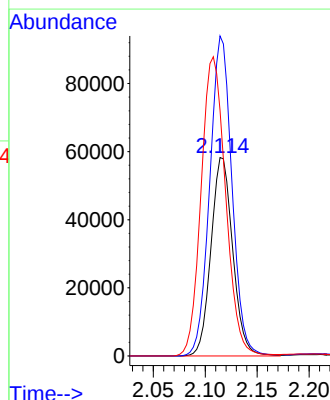
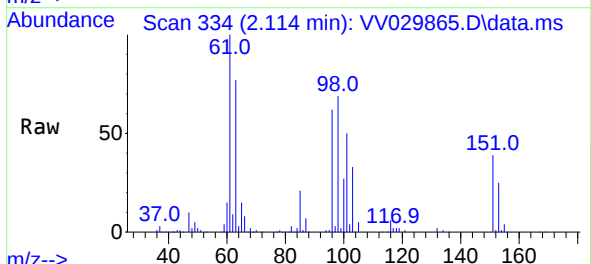
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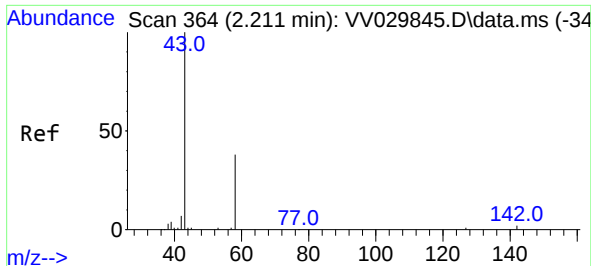
Tgt Ion:101 Resp: 78417
Ion Ratio Lower Upper
101 100
85 42.3 32.9 49.3
151 77.1 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.008 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 96 Resp: 84911
Ion Ratio Lower Upper
96 100
61 161.3 106.1 197.1
63 123.8 76.4 141.8





#13

Acetone

Concen: 53.540 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV029865.D

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Instrument :

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ClientSampleId :

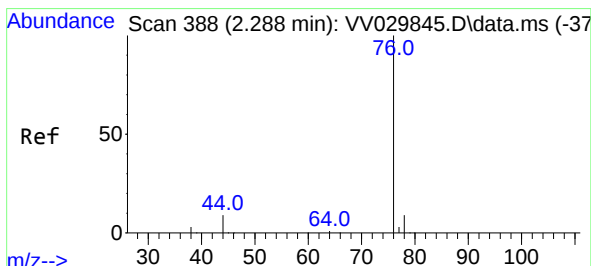
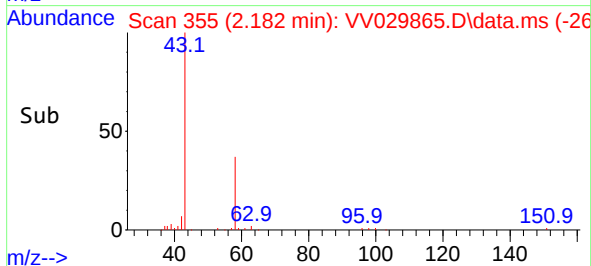
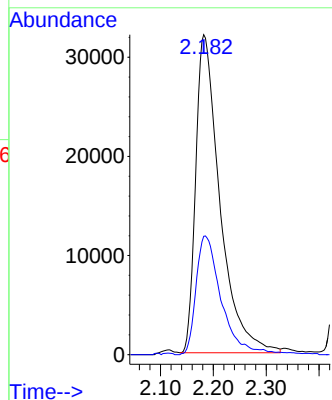
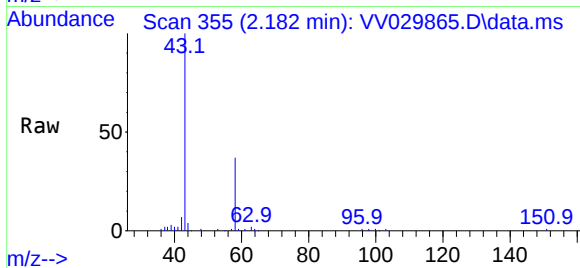
BFB213

Tgt Ion: 43 Resp: 102014

Ion Ratio Lower Upper

43 100

58 39.1 0.0 68.8



#14

Carbon disulfide

Concen: 5.213 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029865.D

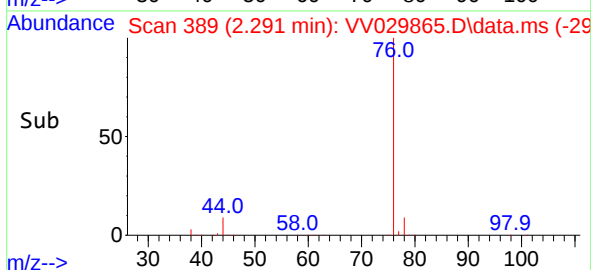
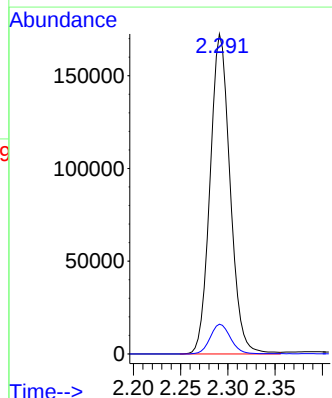
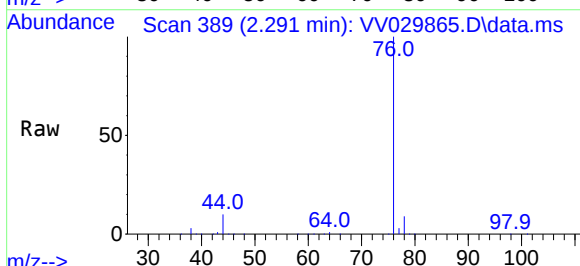
Acq: 14 Jan 2023 17:33

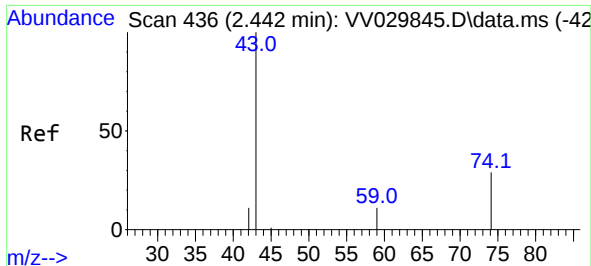
Tgt Ion: 76 Resp: 254462

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

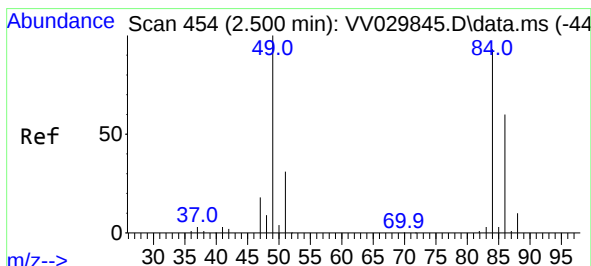
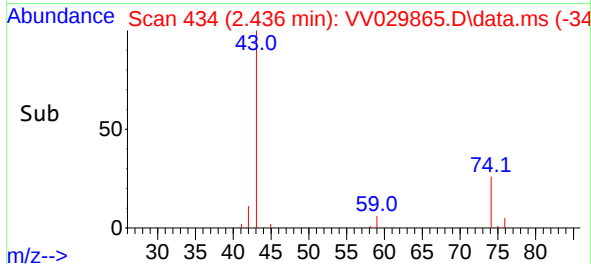
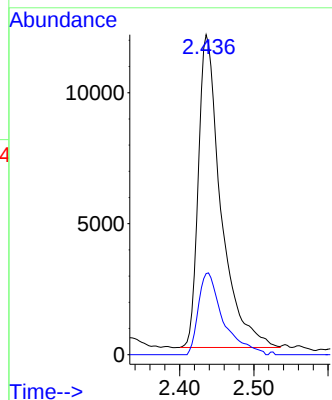
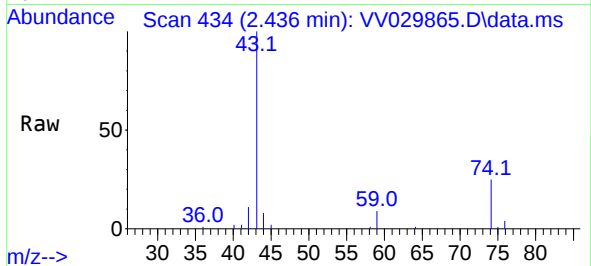




#15
Methyl Acetate
Concen: 5.089 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

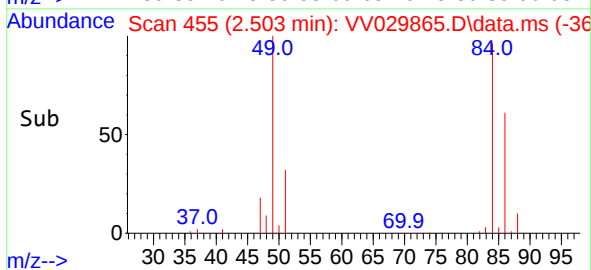
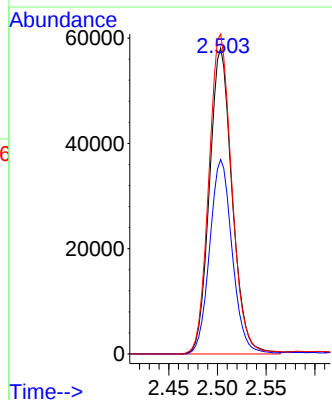
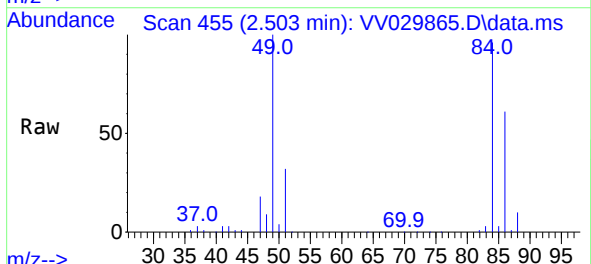
Instrument :
MSVOA_V
ClientSampleId :
BFB213

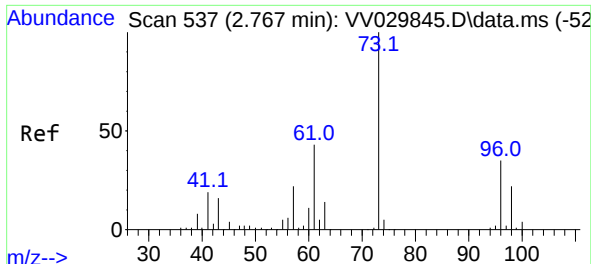
Tgt Ion: 43 Resp: 25251
Ion Ratio Lower Upper
43 100
74 28.6 23.4 35.0



#16
Methylene chloride
Concen: 4.468 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 84 Resp: 94121
Ion Ratio Lower Upper
84 100
86 63.6 45.0 83.6
49 104.6 71.5 132.7

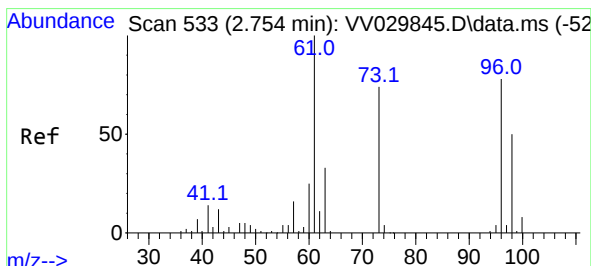
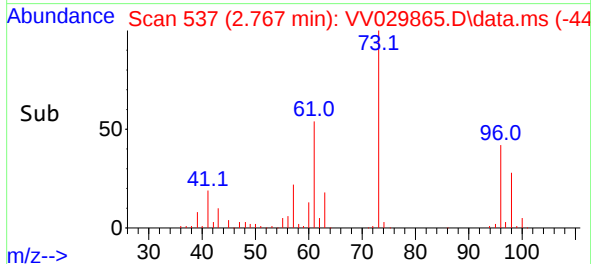
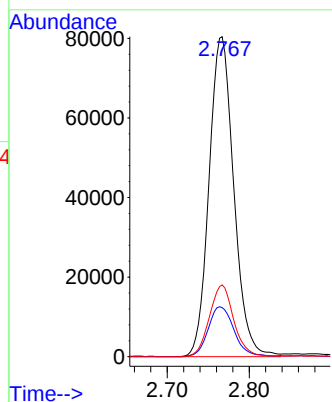
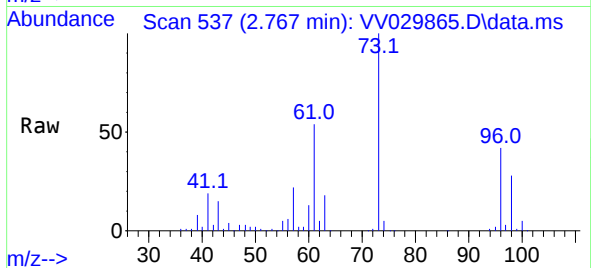




#17
Methyl tert-butyl Ether
Concen: 5.745 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

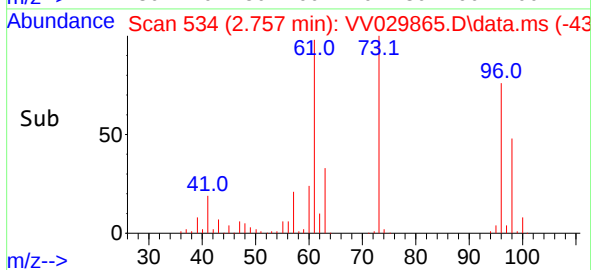
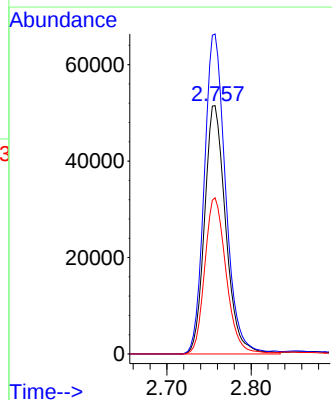
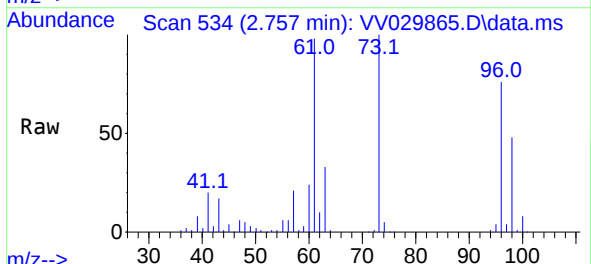
Instrument :
MSVOA_V
ClientSampleId :
BFB213

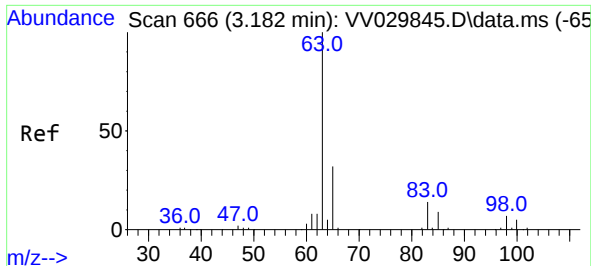
Tgt Ion: 73 Resp: 168441
Ion Ratio Lower Upper
73 100
43 16.4 13.0 19.4
57 22.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.719 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 96 Resp: 90148
Ion Ratio Lower Upper
96 100
61 128.9 86.1 159.9
98 62.9 43.9 81.5





#19

1,1-Dichloroethane

Concen: 6.043 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

BFB213

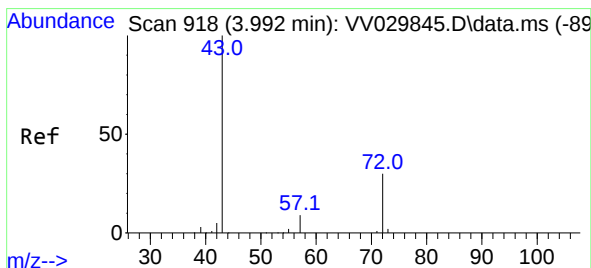
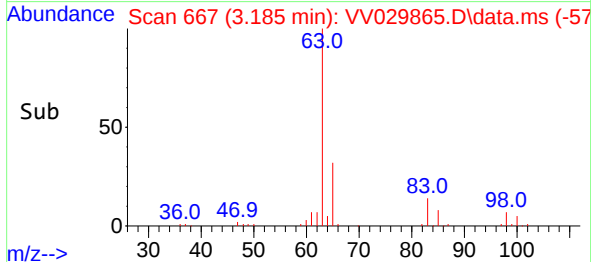
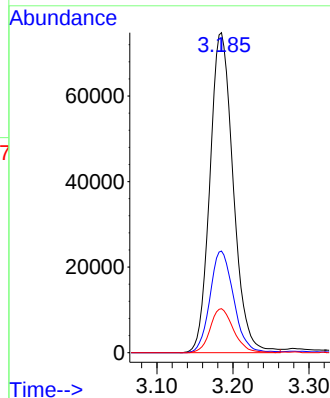
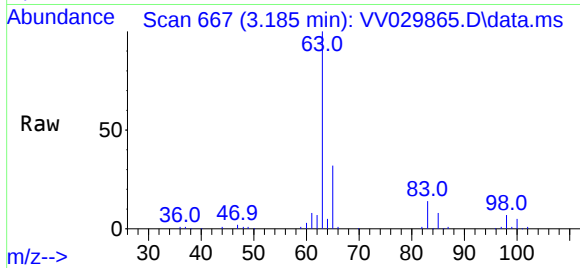
Tgt Ion: 63 Resp: 159335

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 13.8 10.2 19.0



#21

2-Butanone

Concen: 57.752 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.007 min

Lab File: VV029865.D

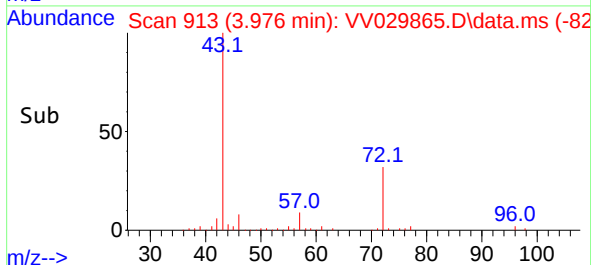
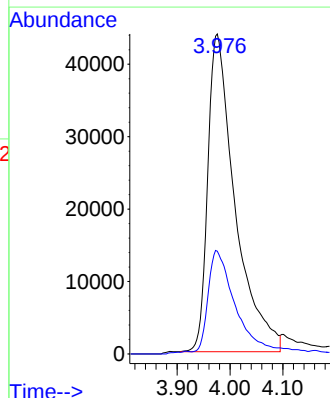
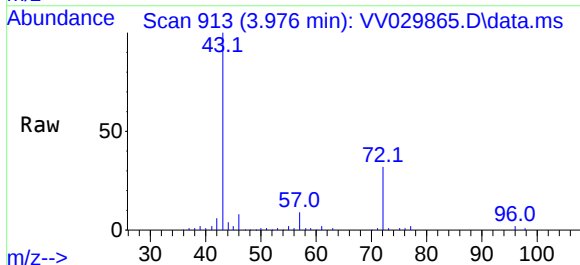
Acq: 14 Jan 2023 17:33

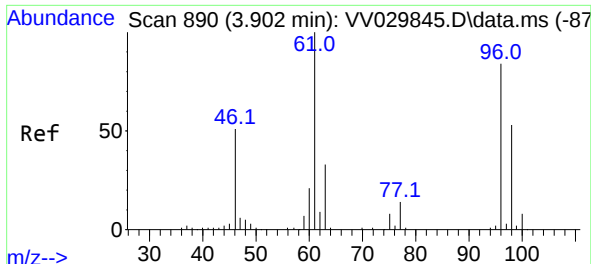
Tgt Ion: 43 Resp: 157641

Ion Ratio Lower Upper

43 100

72 32.2 13.9 41.6

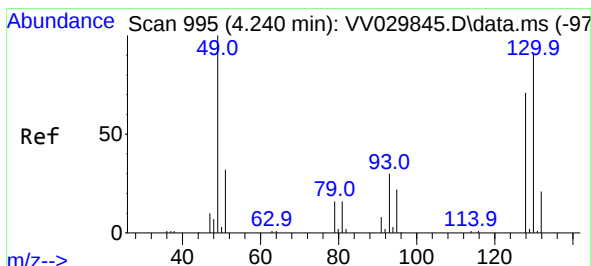
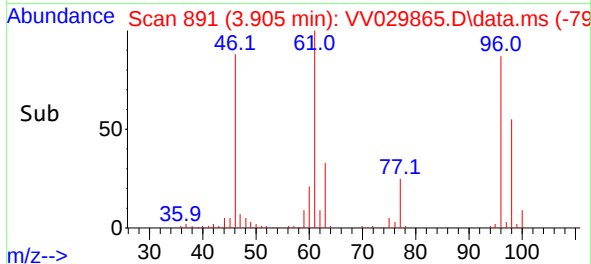
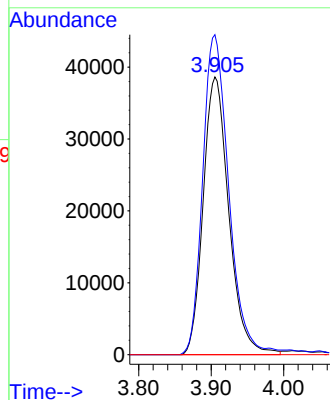
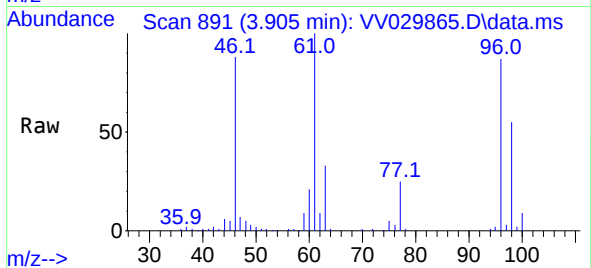




#22
cis-1,2-Dichloroethene
Concen: 5.657 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

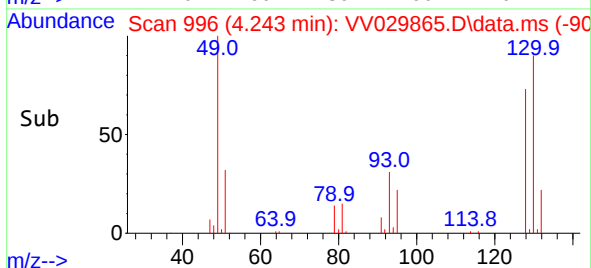
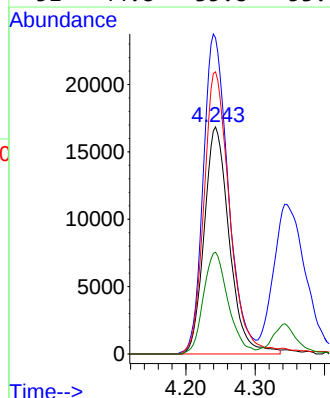
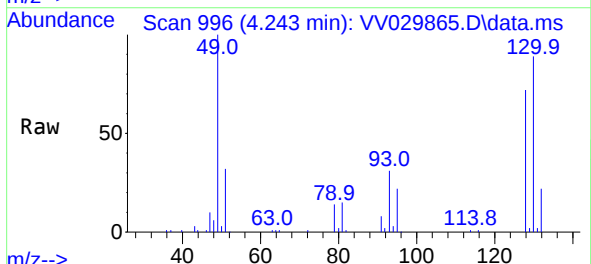
Instrument :
MSVOA_V
ClientSampleId :
BFB213

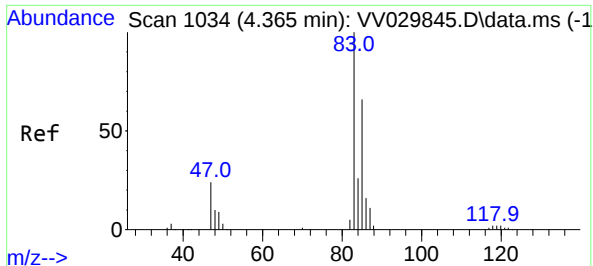
Tgt Ion: 96 Resp: 95013
Ion Ratio Lower Upper
96 100
61 115.2 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 6.101 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:128 Resp: 42318
Ion Ratio Lower Upper
128 100
49 139.2 91.2 169.4
130 124.3 87.0 161.6
51 44.8 35.8 53.6





#25

Chloroform

Concen: 5.789 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

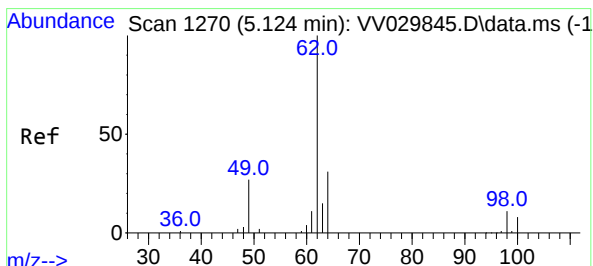
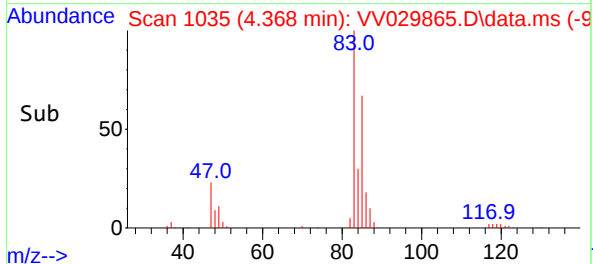
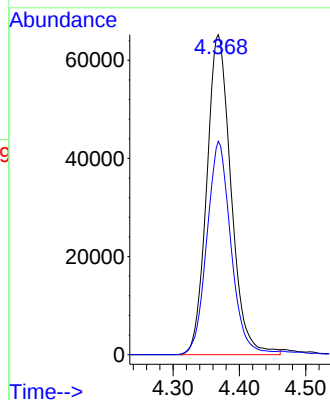
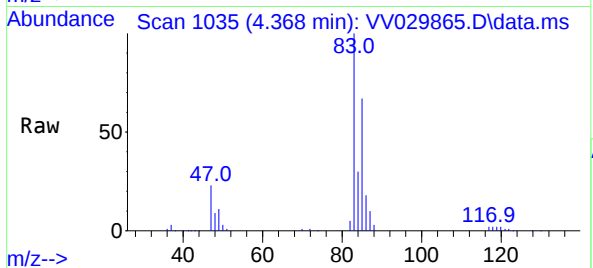
BFB213

Tgt Ion: 83 Resp: 165936

Ion Ratio Lower Upper

83 100

85 66.7 46.5 86.5



#27

1,2-Dichloroethane

Concen: 6.274 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029865.D

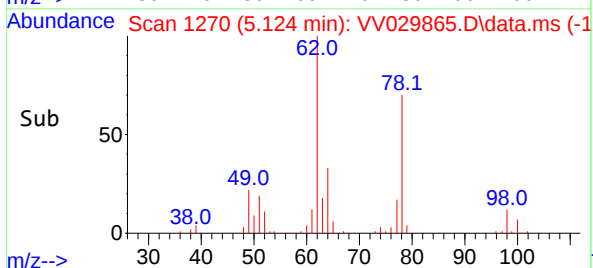
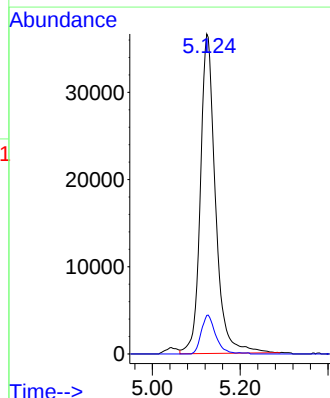
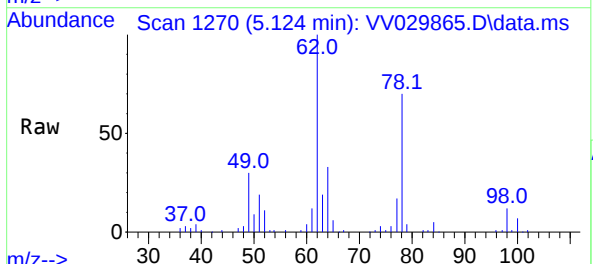
Acq: 14 Jan 2023 17:33

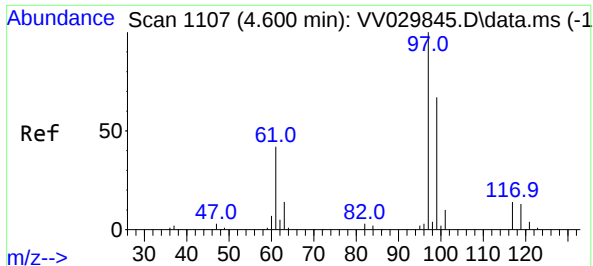
Tgt Ion: 62 Resp: 87372

Ion Ratio Lower Upper

62 100

98 12.1 8.9 13.3



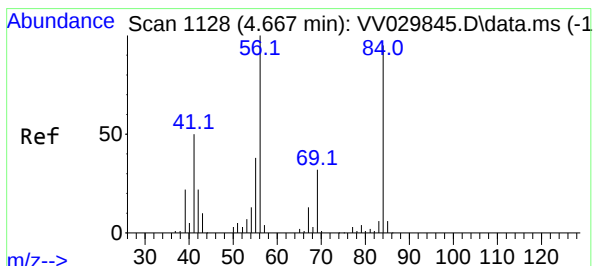
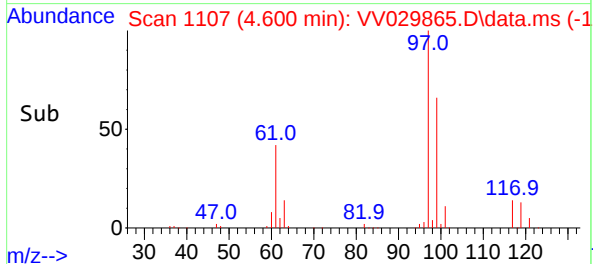
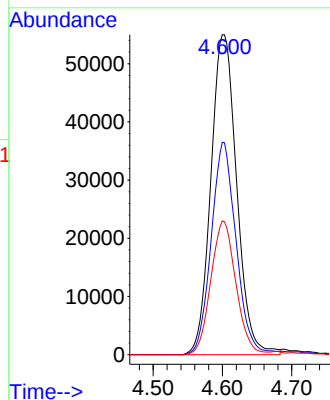
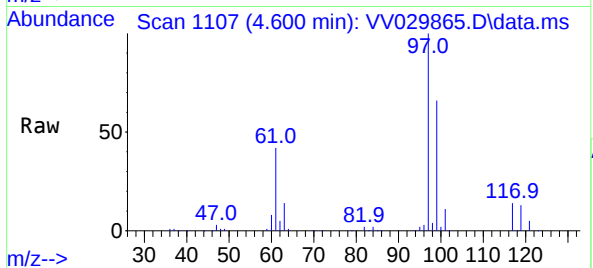


#29
1,1,1-Trichloroethane
Concen: 5.808 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
BFB213

Tgt Ion: 97 Resp: 142531

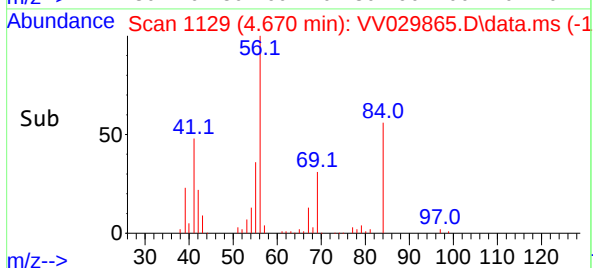
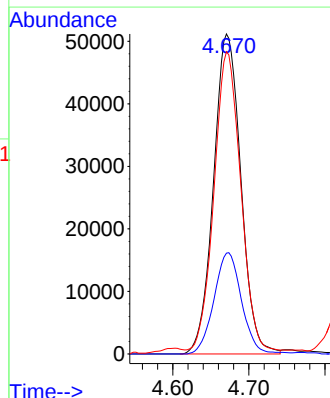
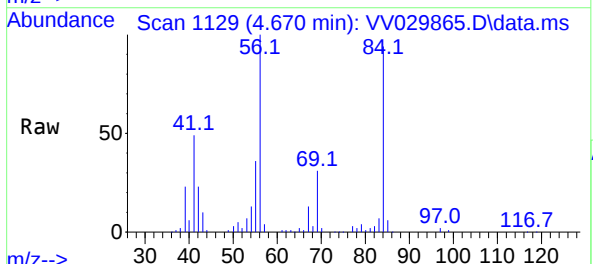
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	40.5	31.6	47.4

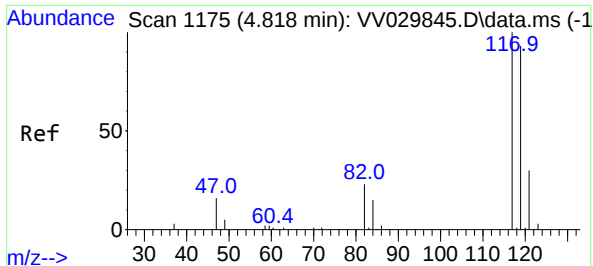


#30
Cyclohexane
Concen: 5.496 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 56 Resp: 127676

Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.7	40.1
84	91.3	73.8	110.8

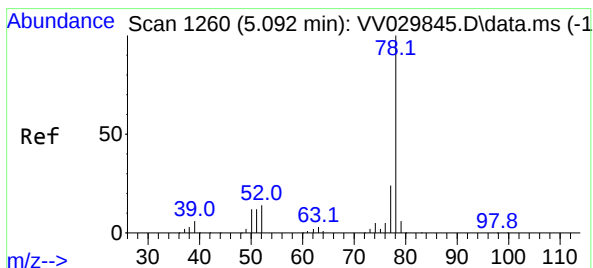
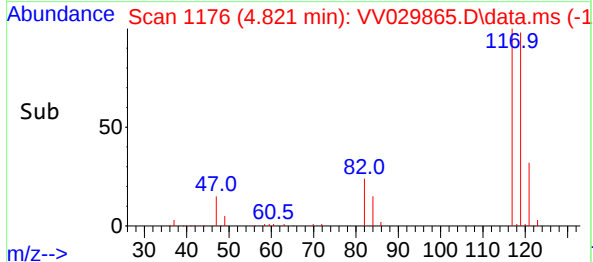
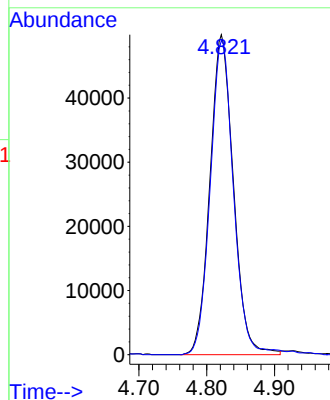
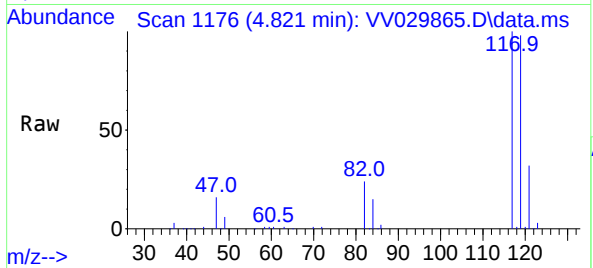




#31
Carbon tetrachloride
Concen: 5.623 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

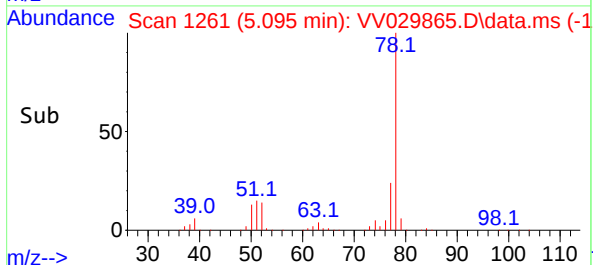
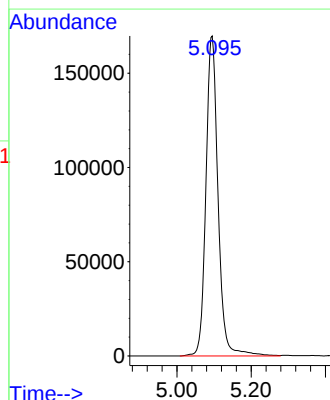
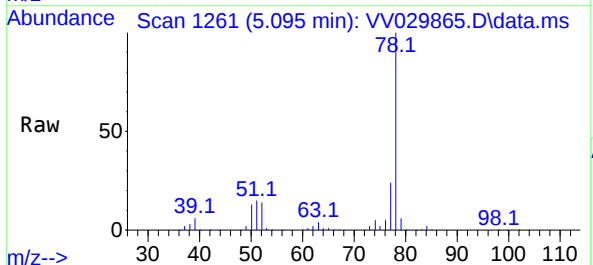
Instrument :
MSVOA_V
ClientSampleId :
BFB213

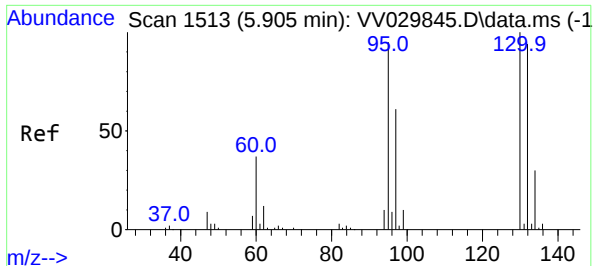
Tgt Ion:117 Resp: 120065
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#33
Benzene
Concen: 6.165 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 78 Resp: 385171





#34

Trichloroethene

Concen: 5.942 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

BFB213

Tgt Ion: 95 Resp: 94080

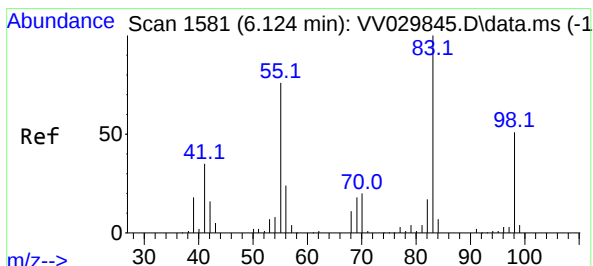
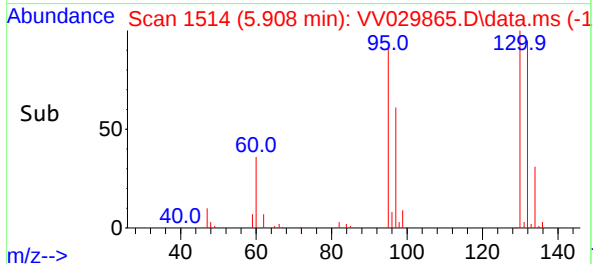
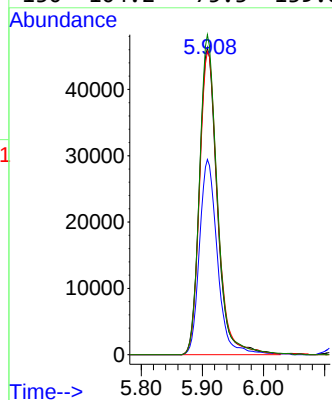
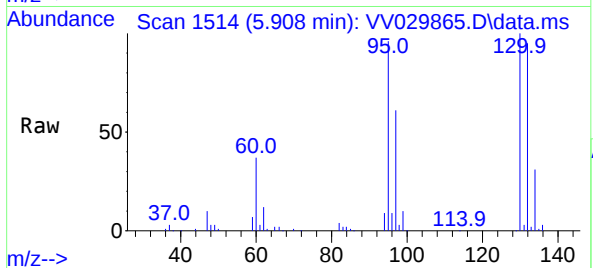
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.3

132 98.7 71.8 133.4

130 104.2 75.3 139.8



#35

Methylcyclohexane

Concen: 5.027 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.006 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

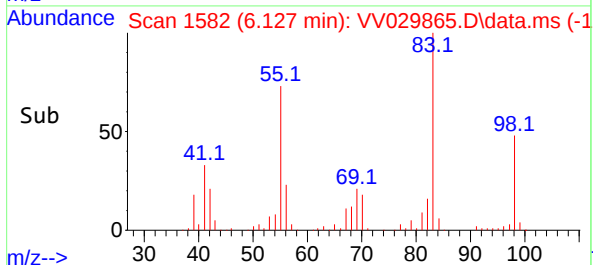
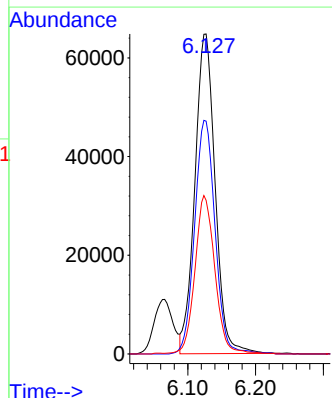
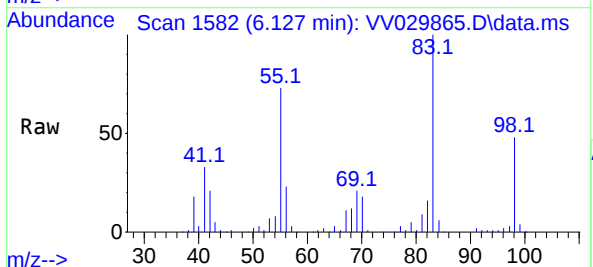
Tgt Ion: 83 Resp: 134396

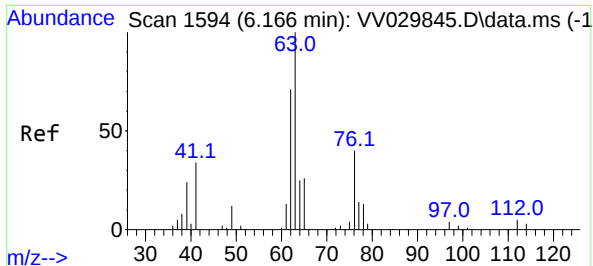
Ion Ratio Lower Upper

83 100

55 74.2 57.3 85.9

98 49.2 39.0 58.6

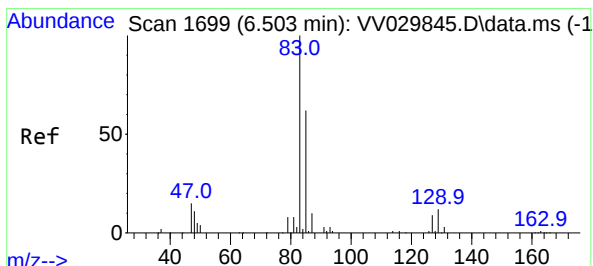
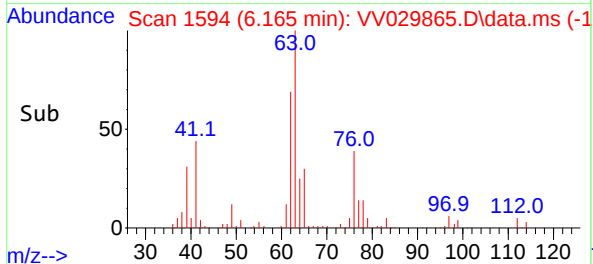
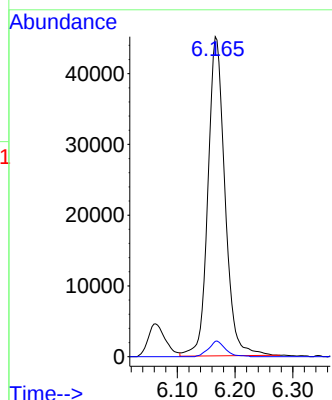
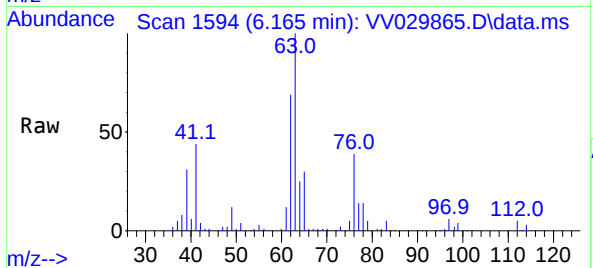




#37
1,2-Dichloropropane
Concen: 6.320 ug/L
RT: 6.165 min Scan# 1594
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

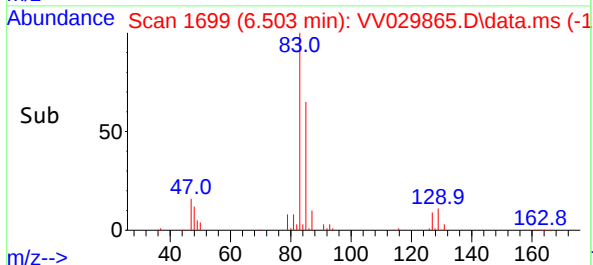
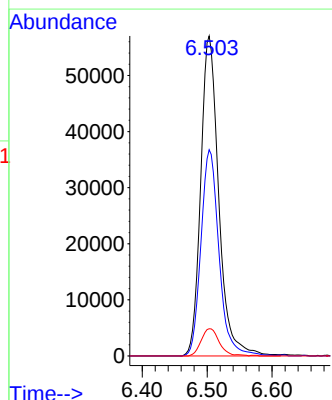
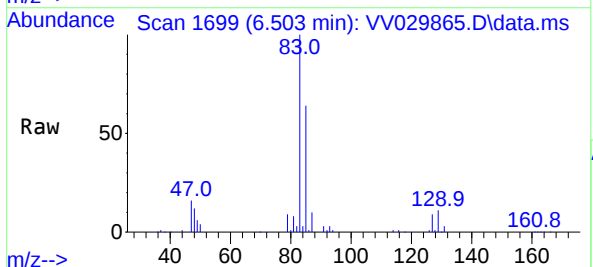
Instrument :
MSVOA_V
ClientSampleId :
BFB213

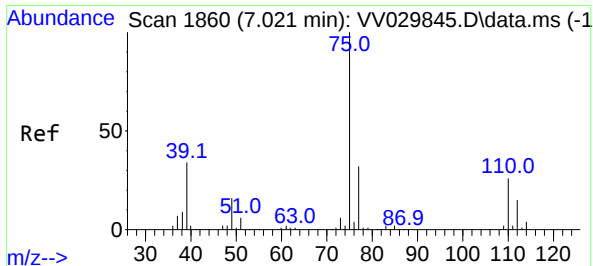
Tgt Ion: 63 Resp: 92471
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 5.837 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 83 Resp: 110458
Ion Ratio Lower Upper
83 100
85 64.4 43.2 80.2
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.450 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

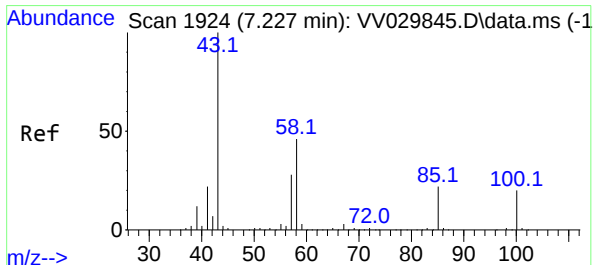
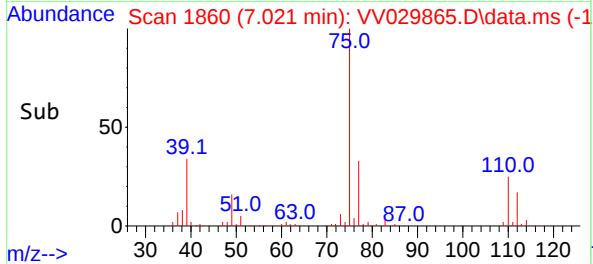
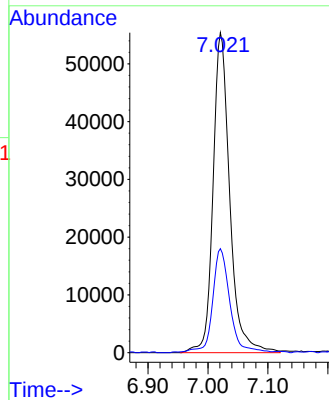
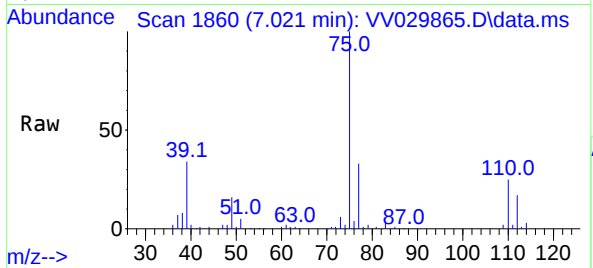
BFB213

Tgt Ion: 75 Resp: 106939

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 64.288 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

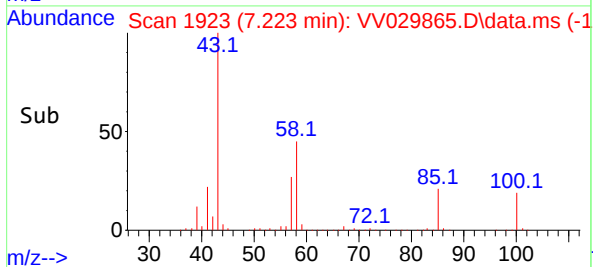
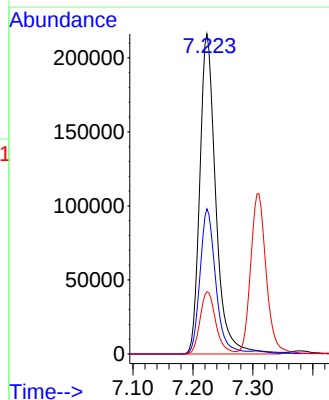
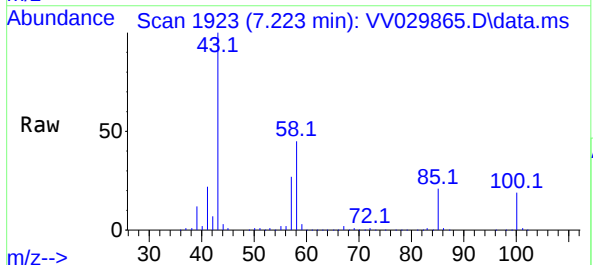
Tgt Ion: 43 Resp: 401434

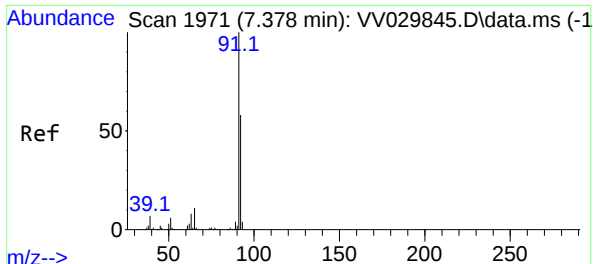
Ion Ratio Lower Upper

43 100

58 44.7 36.7 55.1

100 19.2 15.6 23.4





#42

Toluene

Concen: 5.973 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

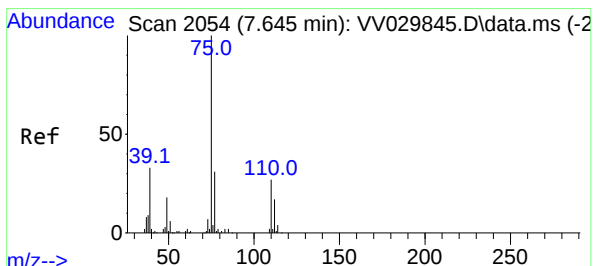
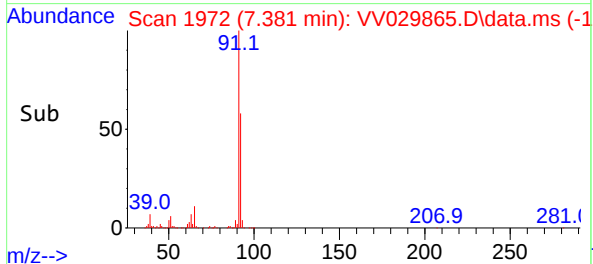
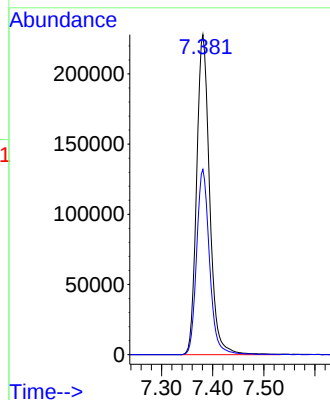
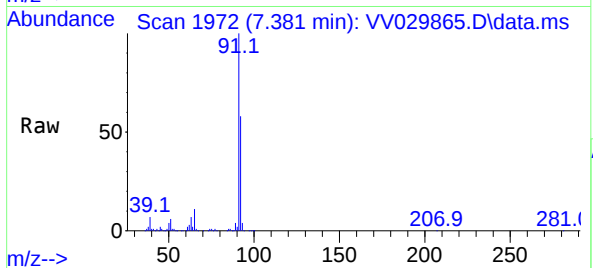
BFB213

Tgt Ion: 91 Resp: 402485

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.455 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029865.D

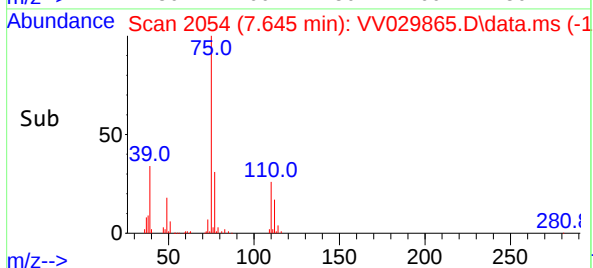
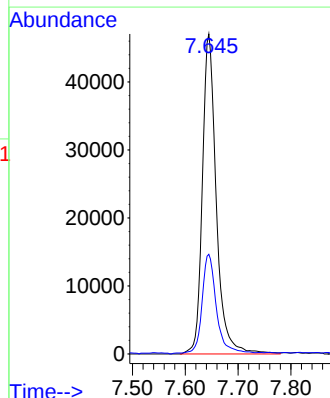
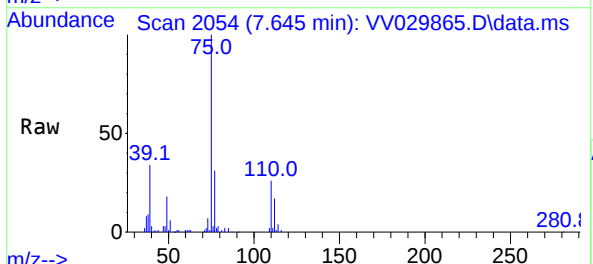
Acq: 14 Jan 2023 17:33

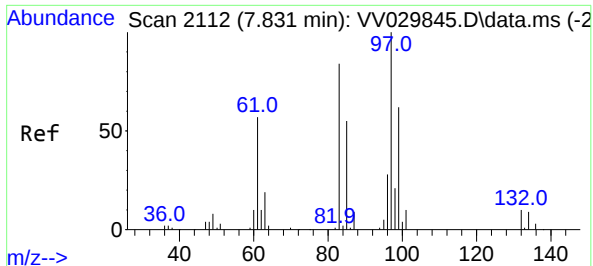
Tgt Ion: 75 Resp: 86264

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



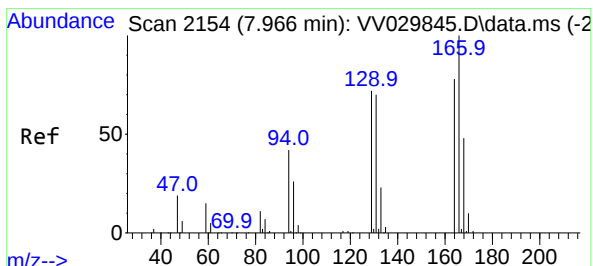
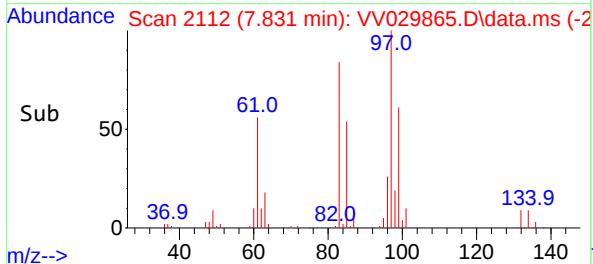
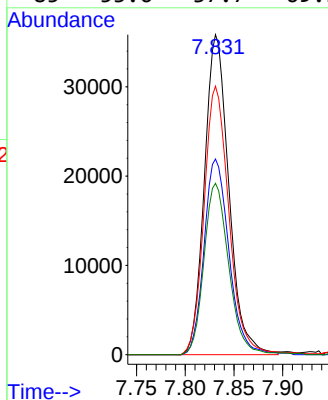
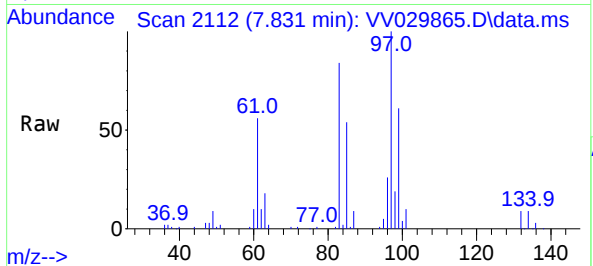


#45
1,1,2-Trichloroethane
Concen: 5.927 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
BFB213

Tgt Ion: 97 Resp: 62485

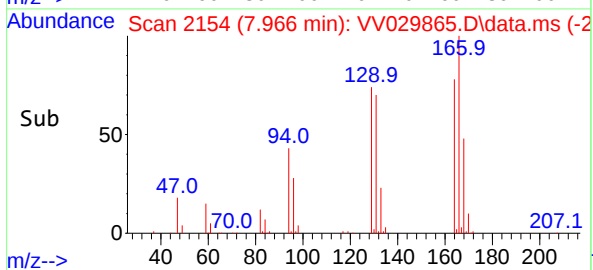
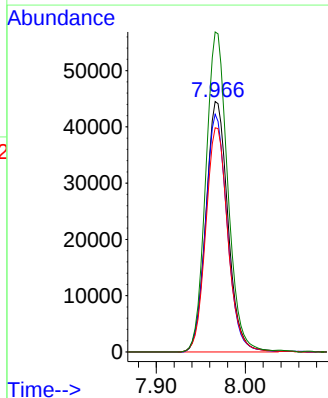
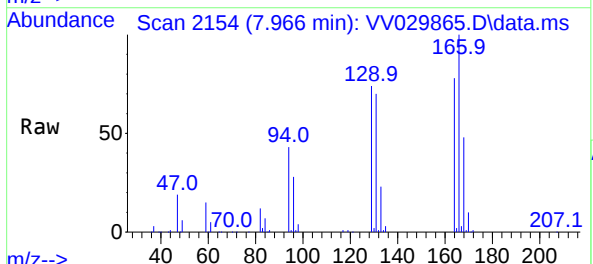
Ion	Ratio	Lower	Upper
97	100		
99	61.2	41.9	77.7
83	83.9	58.7	109.1
85	53.6	37.7	69.9

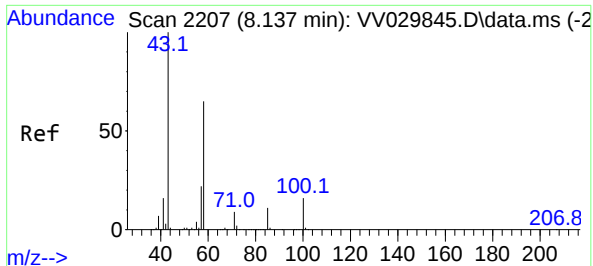


#47
Tetrachloroethene
Concen: 5.732 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 164 Resp: 76416

Ion	Ratio	Lower	Upper
164	100		
129	95.0	64.5	119.7
131	89.5	62.9	116.7
166	127.8	90.7	168.5





#48

2-Hexanone

Concen: 65.941 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

BFB213

Tgt Ion: 43 Resp: 294307

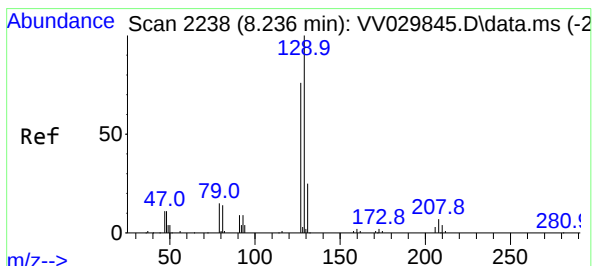
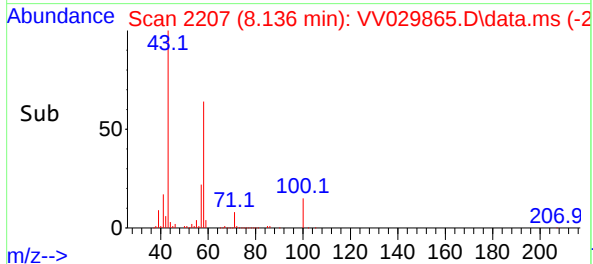
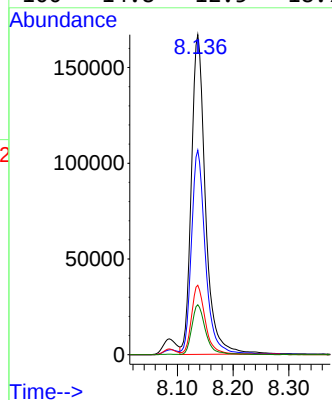
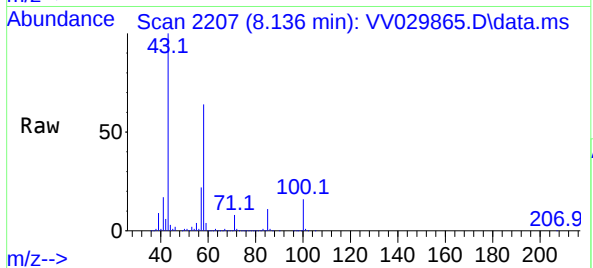
Ion Ratio Lower Upper

43 100

58 63.2 51.4 77.2

57 21.0 17.0 25.6

100 14.8 12.5 18.7



#49

Dibromochloromethane

Concen: 5.590 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029865.D

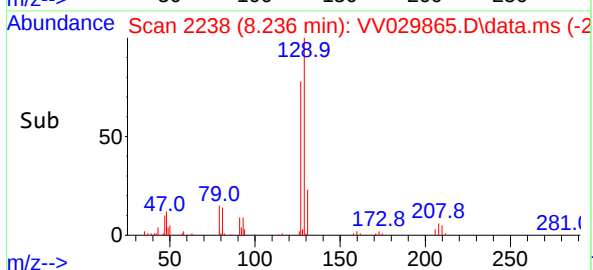
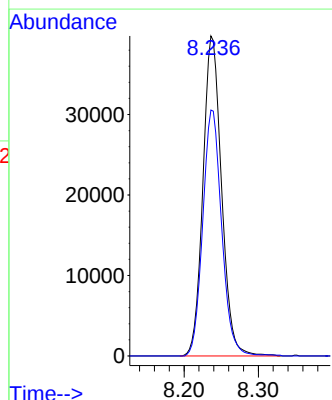
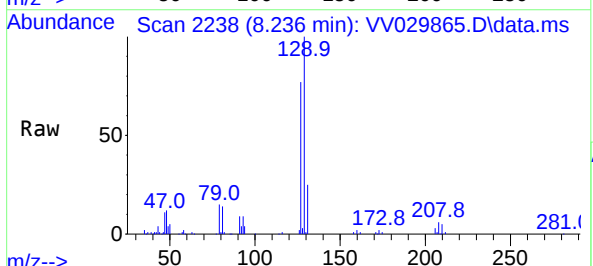
Acq: 14 Jan 2023 17:33

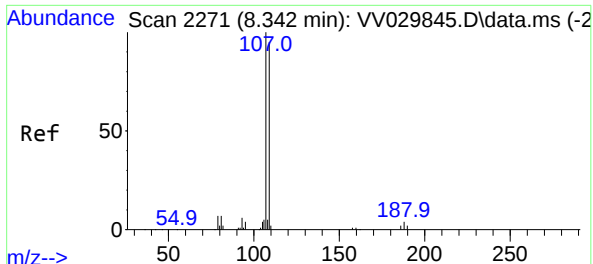
Tgt Ion: 129 Resp: 69165

Ion Ratio Lower Upper

129 100

127 76.9 54.1 100.5

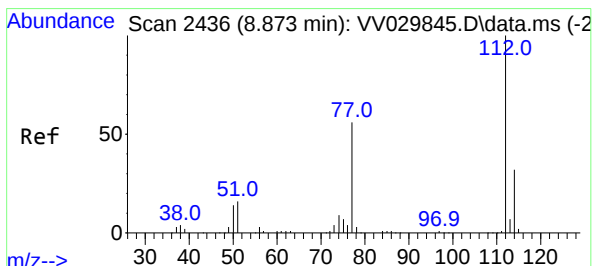
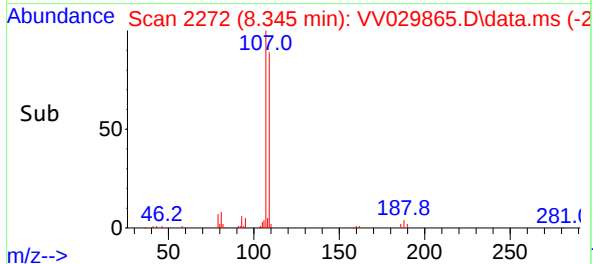
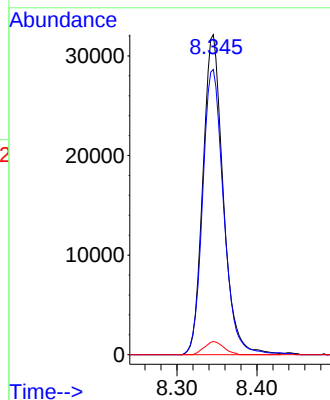
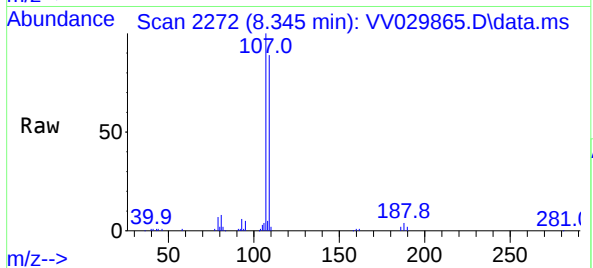




#50
1,2-Dibromoethane
Concen: 6.202 ug/L
RT: 8.345 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

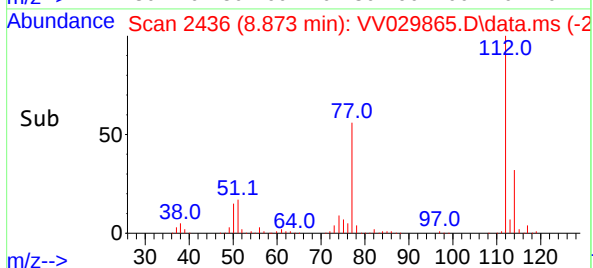
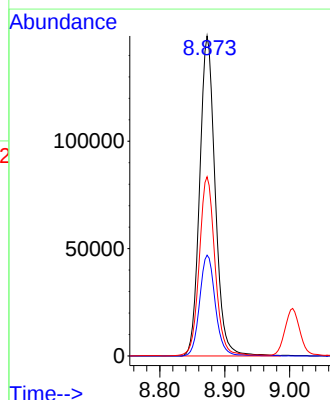
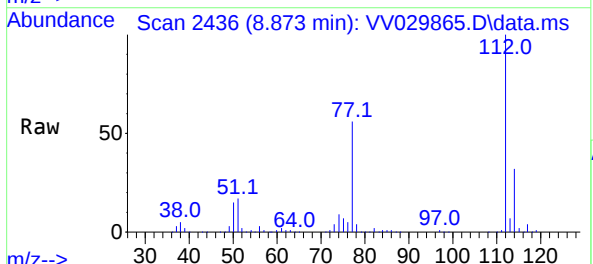
Instrument :
MSVOA_V
ClientSampleId :
BFB213

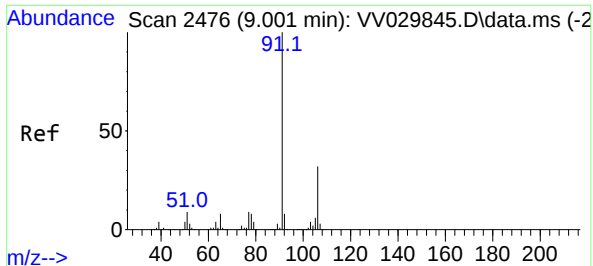
Tgt Ion:107 Resp: 56754
Ion Ratio Lower Upper
107 100
109 89.1 66.1 122.7
188 4.1 2.9 4.3



#51
Chlorobenzene
Concen: 5.799 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:112 Resp: 248144
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 56.0 46.1 69.1





#52

Ethylbenzene

Concen: 5.704 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

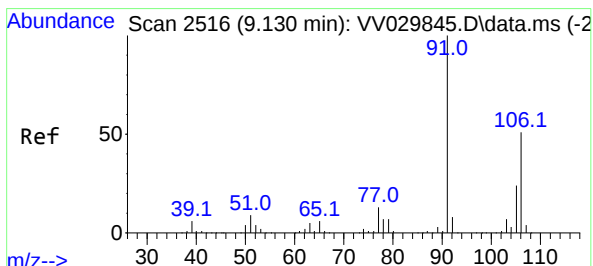
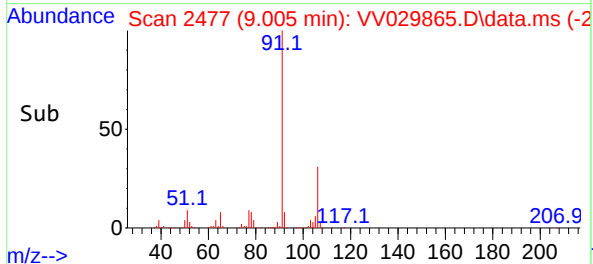
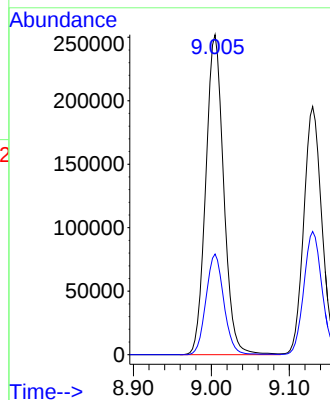
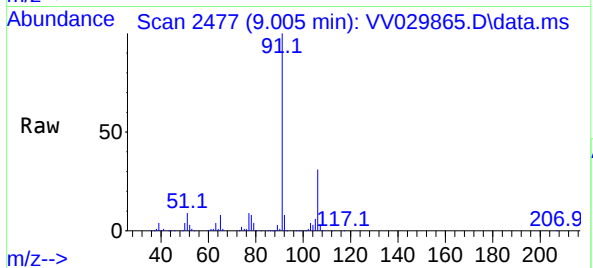
BFB213

Tgt Ion: 91 Resp: 402295

Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



#53

m,p-Xylene

Concen: 5.657 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029865.D

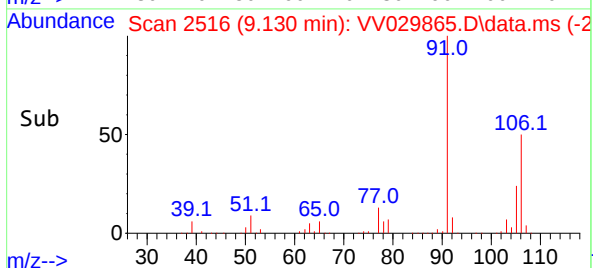
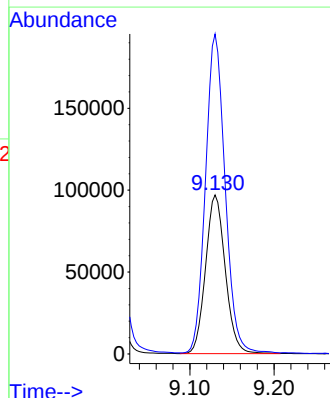
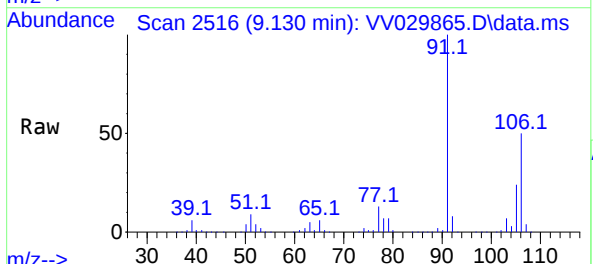
Acq: 14 Jan 2023 17:33

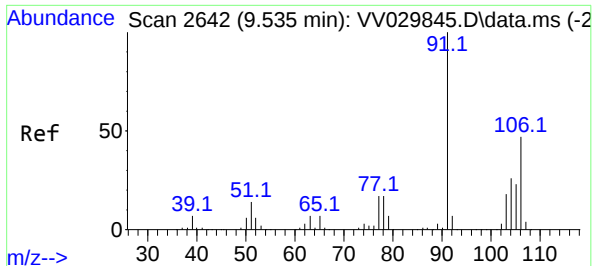
Tgt Ion: 106 Resp: 157921

Ion Ratio Lower Upper

106 100

91 201.3 138.7 257.7

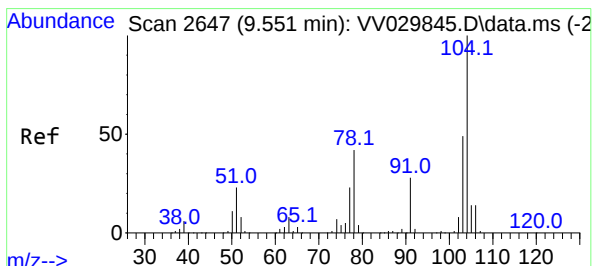
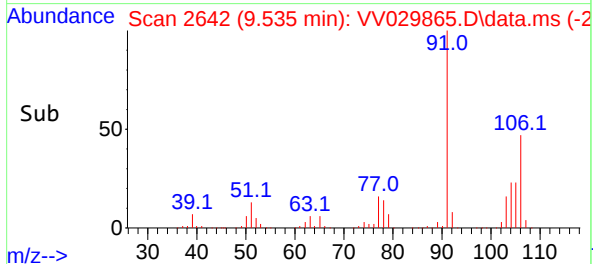
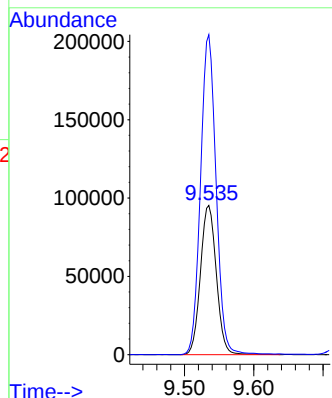
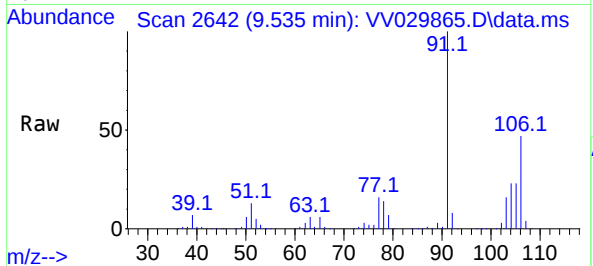




#54
o-Xylene
Concen: 5.726 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

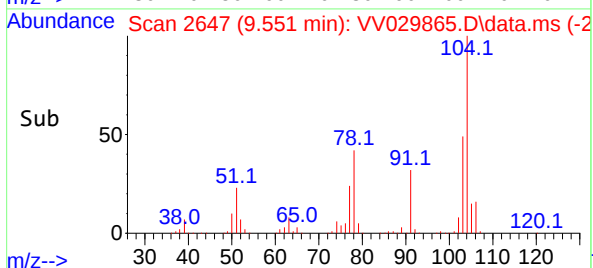
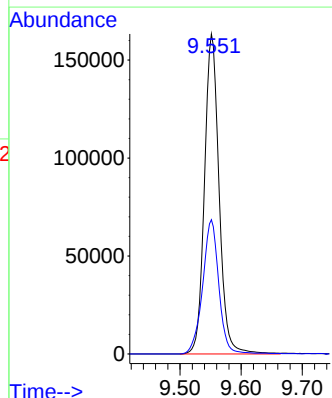
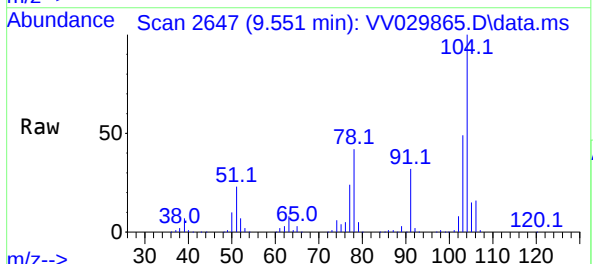
Instrument :
MSVOA_V
ClientSampleId :
BFB213

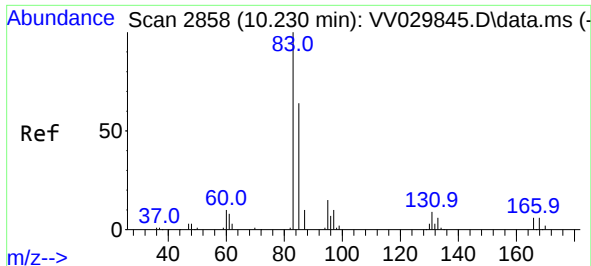
Tgt Ion:106 Resp: 151695
Ion Ratio Lower Upper
106 100
91 214.2 147.7 274.3



#55
Styrene
Concen: 5.955 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:104 Resp: 271332
Ion Ratio Lower Upper
104 100
78 42.0 28.6 53.2

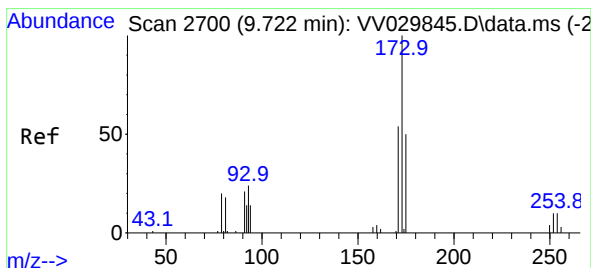
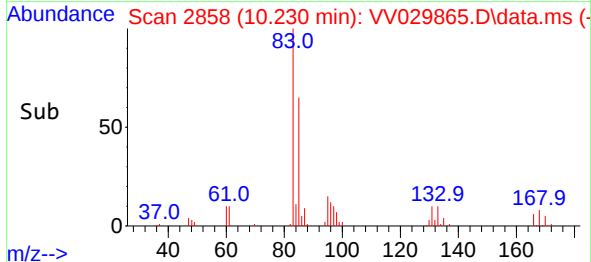
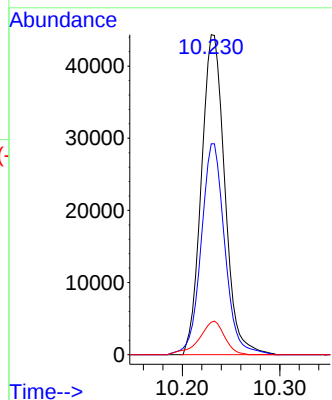
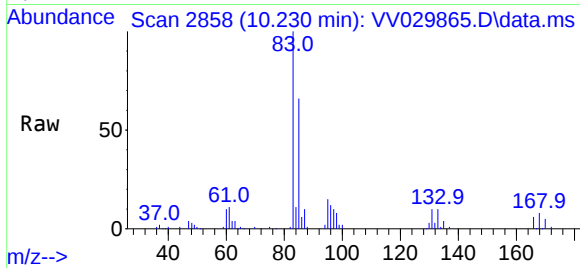




#57
1,1,2,2-Tetrachloroethane
Concen: 6.309 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

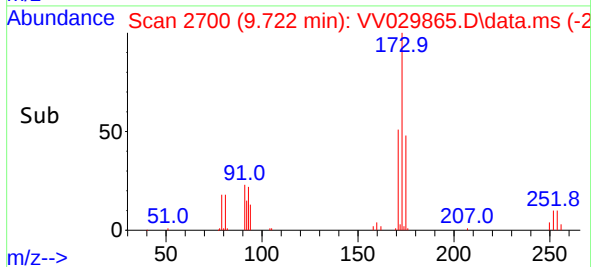
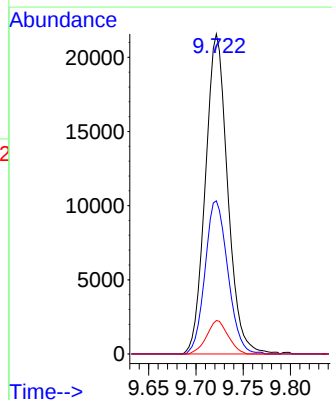
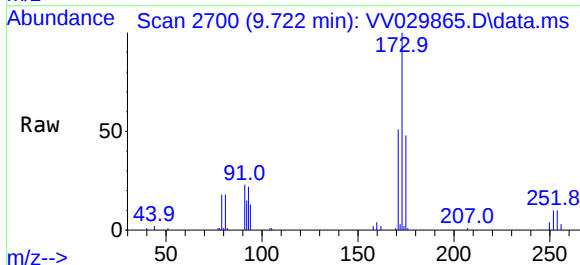
Instrument :
MSVOA_V
ClientSampleId :
BFB213

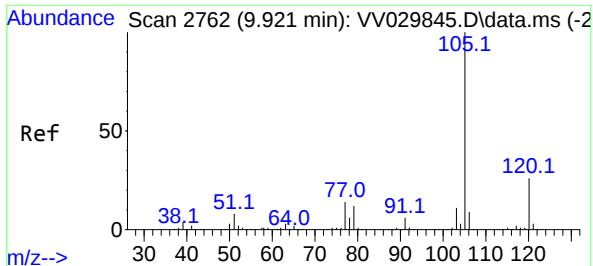
Tgt Ion: 83 Resp: 73878
Ion Ratio Lower Upper
83 100
85 65.9 46.0 85.4
131 10.1 8.4 12.6



#59
Bromoform
Concen: 5.051 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 173 Resp: 35381
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 10.0 7.9 11.9

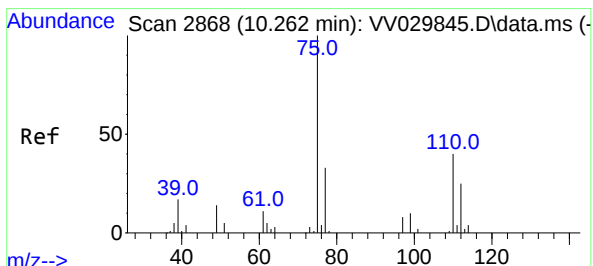
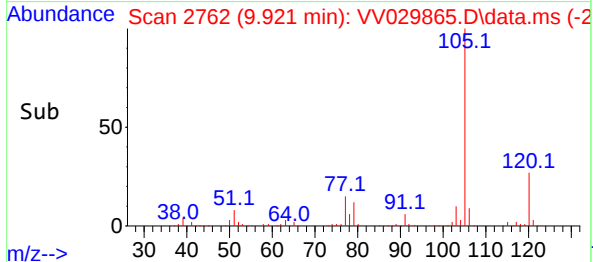
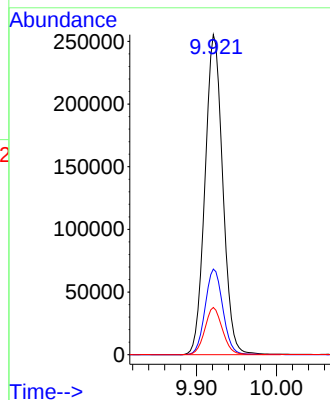
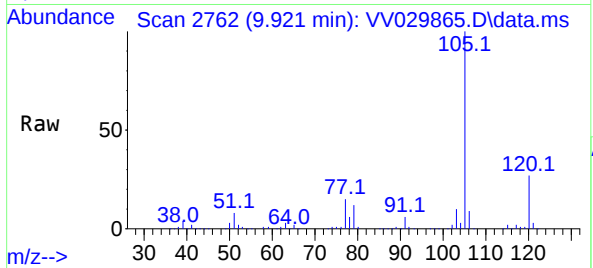




#60
Isopropylbenzene
Concen: 5.715 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

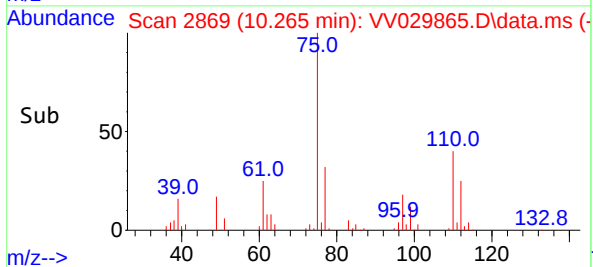
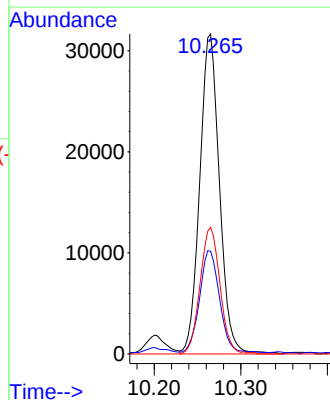
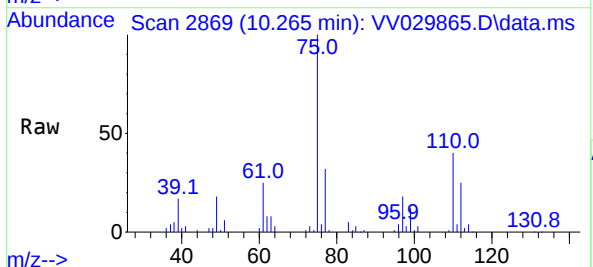
Instrument :
MSVOA_V
ClientSampleId :
BFB213

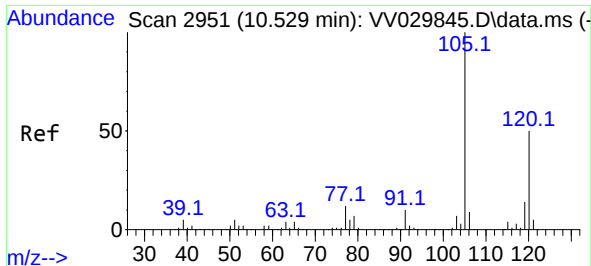
Tgt Ion:105 Resp: 395007
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 6.262 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion: 75 Resp: 50145
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 39.9 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 5.309 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

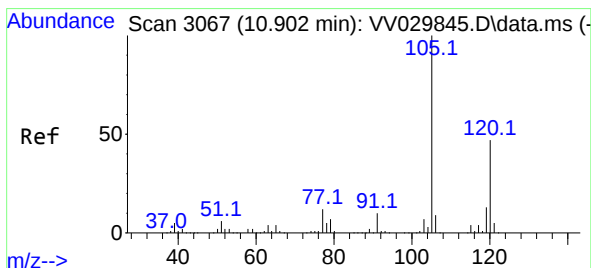
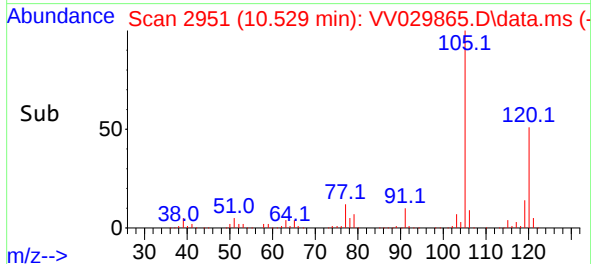
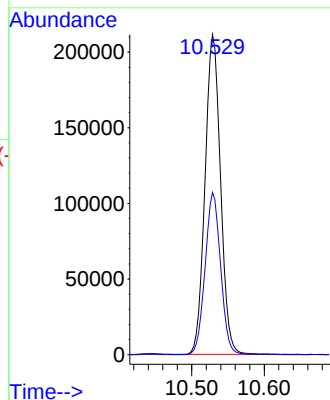
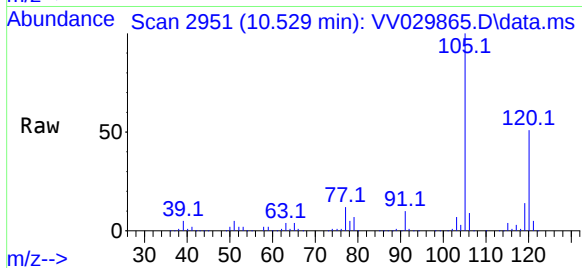
BFB213

Tgt Ion:105 Resp: 314506

Ion Ratio Lower Upper

105 100

120 50.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.400 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029865.D

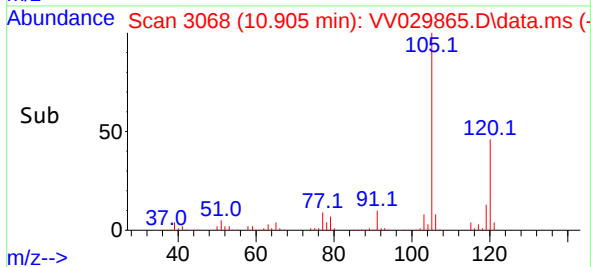
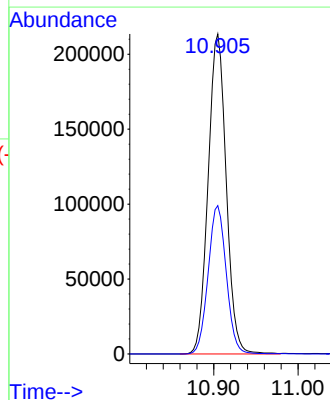
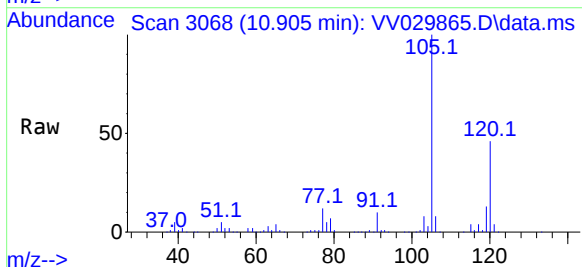
Acq: 14 Jan 2023 17:33

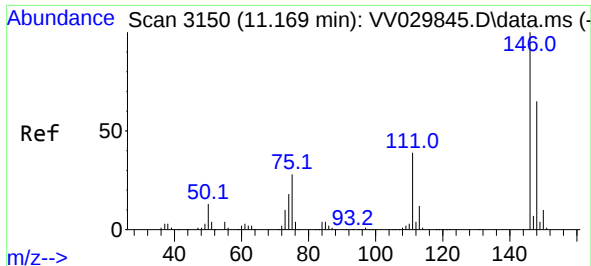
Tgt Ion:105 Resp: 318988

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.0

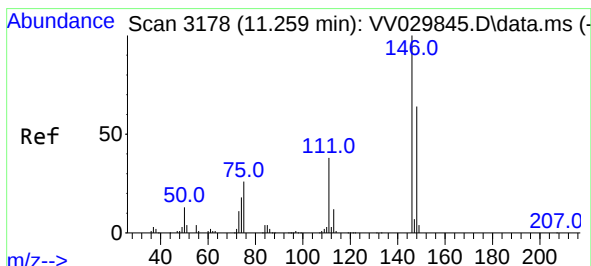
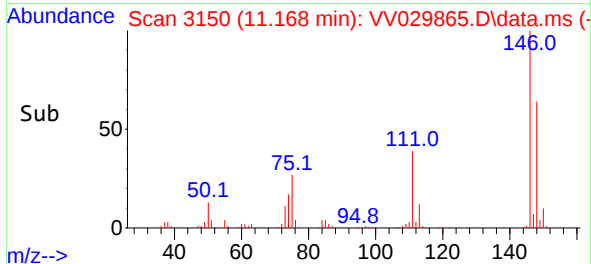
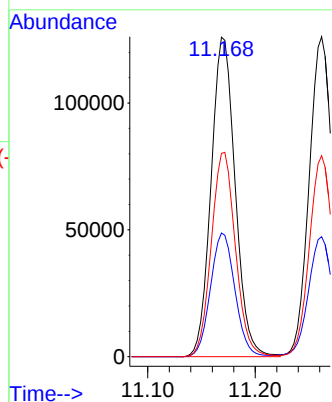
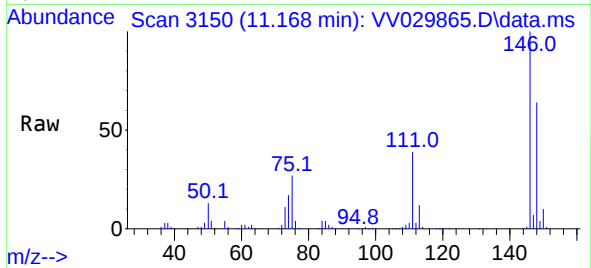




#64
1,3-Dichlorobenzene
Concen: 5.586 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

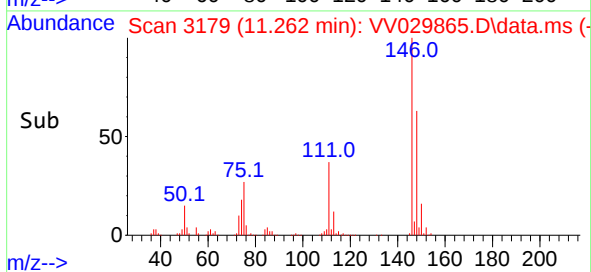
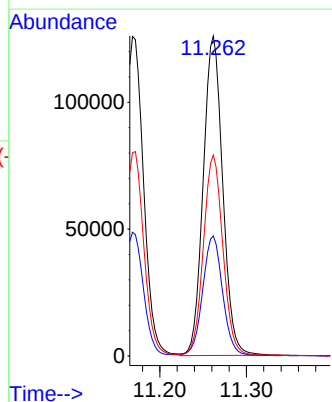
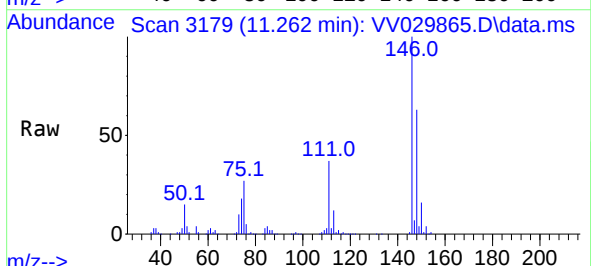
Instrument :
MSVOA_V
ClientSampleId :
BFB213

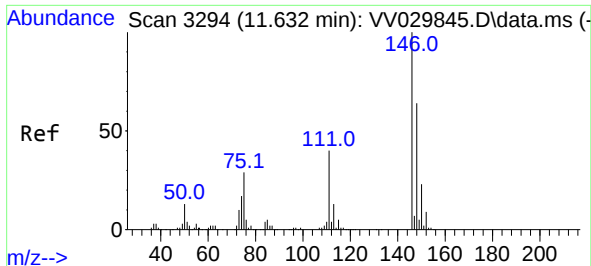
Tgt Ion:146 Resp: 196095
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 63.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.623 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:146 Resp: 196761
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 62.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.685 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

BFB213

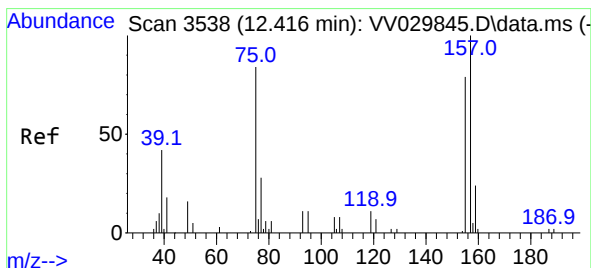
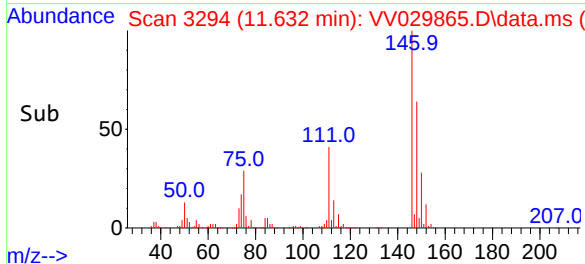
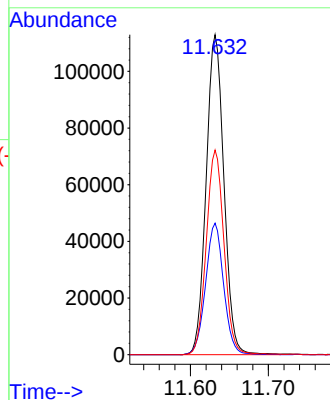
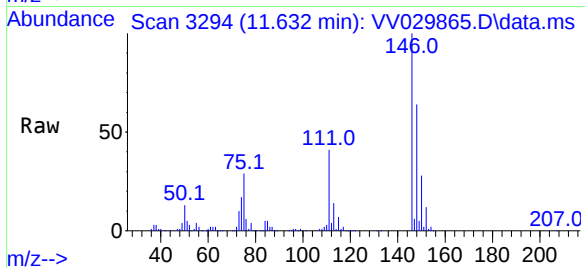
Tgt Ion:146 Resp: 179386

Ion Ratio Lower Upper

146 100

111 41.1 31.8 47.8

148 64.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.168 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VV029865.D

Acq: 14 Jan 2023 17:33

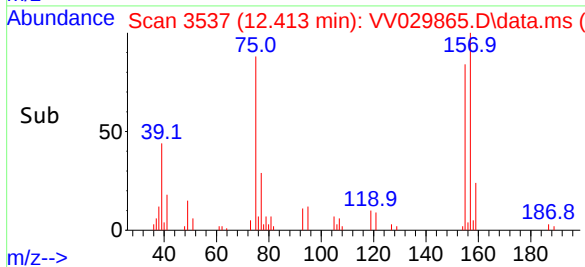
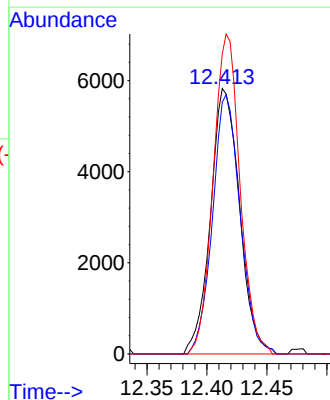
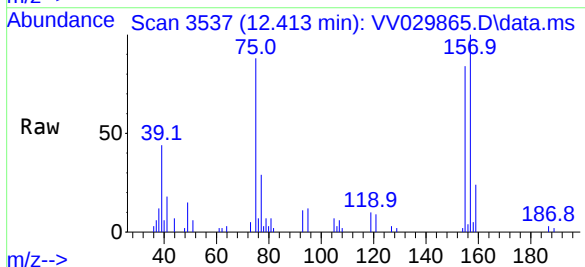
Tgt Ion: 75 Resp: 9787

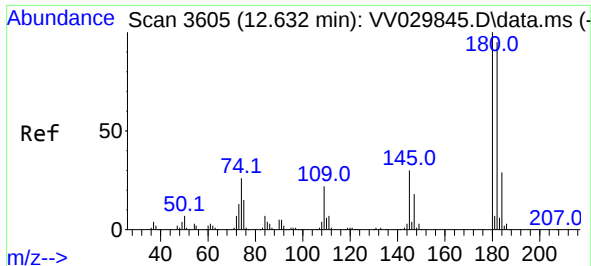
Ion Ratio Lower Upper

75 100

155 94.9 75.5 113.3

157 113.1 99.2 148.8



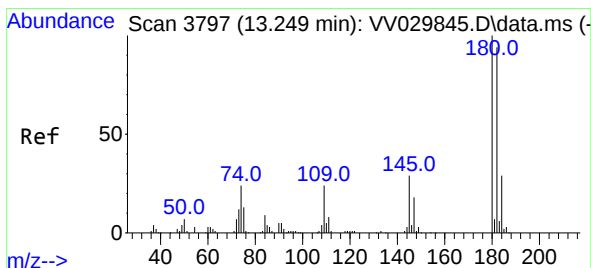
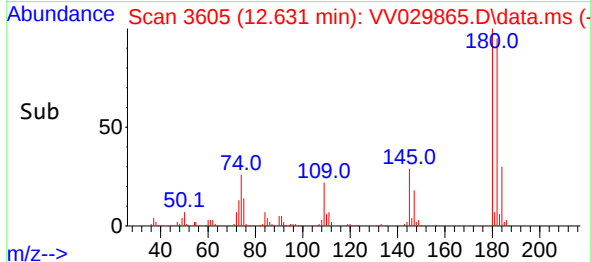
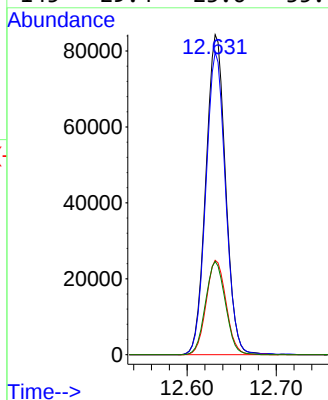
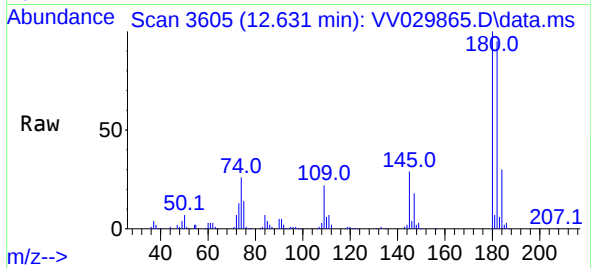


#69
1,3,5-Trichlorobenzene
Concen: 4.579 ug/L
RT: 12.631 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
BFB213

Tgt Ion:180 Resp: 129368

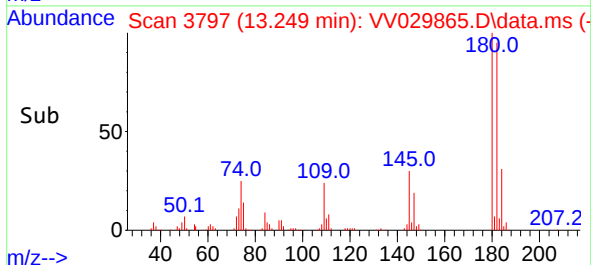
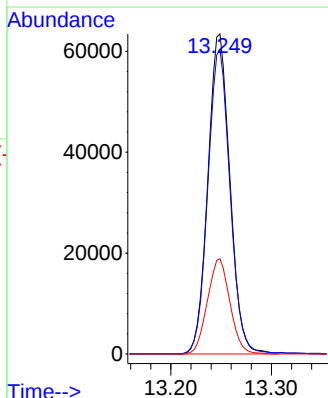
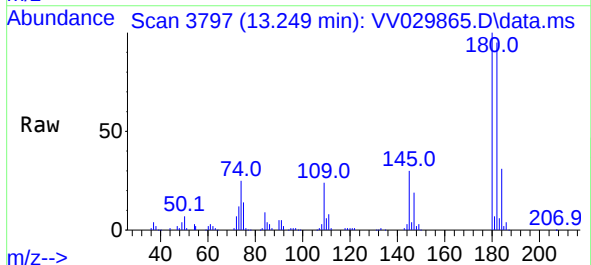
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.2
184	29.7	23.9	35.9
145	29.4	23.6	35.4

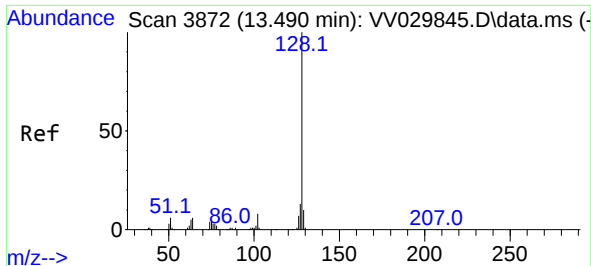


#70
1,2,4-trichlorobenzene
Concen: 4.382 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:180 Resp: 96737

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.8
145	30.3	23.7	35.5

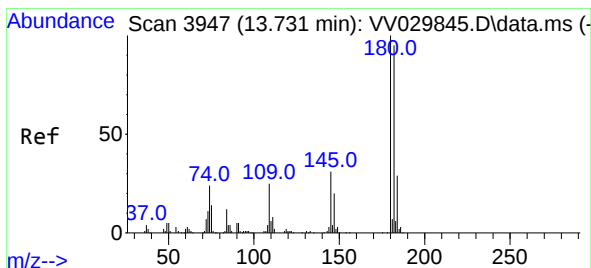
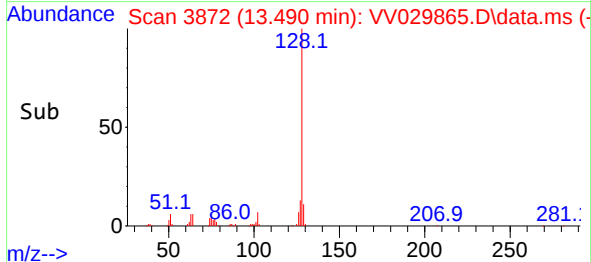
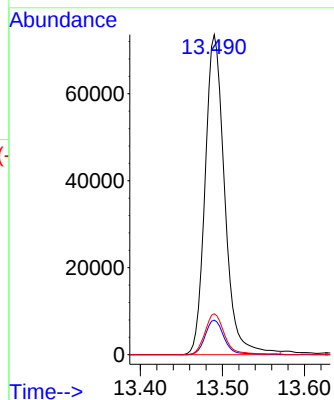
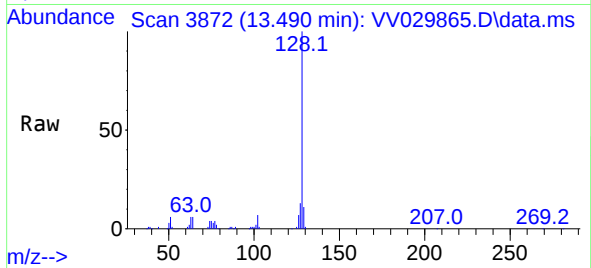




#71
Naphthalene
Concen: 4.265 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
BFB213

Tgt Ion:128 Resp: 121984
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.527 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029865.D
Acq: 14 Jan 2023 17:33

Tgt Ion:180 Resp: 82961
Ion Ratio Lower Upper
180 100
182 96.0 75.5 113.3
145 31.4 25.0 37.6

