

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024182.D
 Acq On : 05 Aug 2022 09:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Aug 05 23:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 01:00:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426058	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	397953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	220304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	178746	20.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
7) Chloroethane-d5	2.873	69	103996	18.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	4.019	63	216339	21.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.280%
21) 2-Butanone-d5	7.080	46	72640	43.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.680%
24) Chloroform-d	7.647	84	271333	21.047	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	8.305	65	143524	20.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	8.268	84	521089	22.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	9.274	67	149140	21.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.080%
41) Toluene-d8	10.323	98	498605	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	10.573	79	67241	22.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.600%
47) 2-Hexanone-d5	10.920	63	62612	48.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142150	21.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	187964	23.315	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	100140	26.715	ug/L	98
3) Chloromethane	2.209	50	150437	21.399	ug/L	98
5) Vinyl chloride	2.355	62	224015	22.891	ug/L	98
6) Bromomethane	2.769	94	120189	21.420	ug/L	93
8) Chloroethane	2.910	64	94351	22.011	ug/L	96
9) Trichlorofluoromethane	3.245	101	115667	24.934	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	145634	23.277	ug/L	99
12) 1,1-Dichloroethene	4.031	96	125104	24.424	ug/L	87
14) Carbon disulfide	4.379	76	399372	24.366	ug/L	99
15) Methyl Acetate	4.672	43	63818	23.227	ug/L	99
16) Methylene chloride	4.909	84	144926	19.289	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	149825	25.329	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	226769	26.885	ug/L	98
19) 1,1-Dichloroethane	6.214	63	254265	24.402	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	161879	24.919	ug/L #	95
22) 2-Butanone	7.171	43	92989	45.238	ug/L	99
23) Bromochloromethane	7.513	128	78493	24.262	ug/L	94
25) Chloroform	7.671	83	278359	24.244	ug/L	99
27) 1,2-Dichloroethane	8.397	62	183067	23.695	ug/L	100

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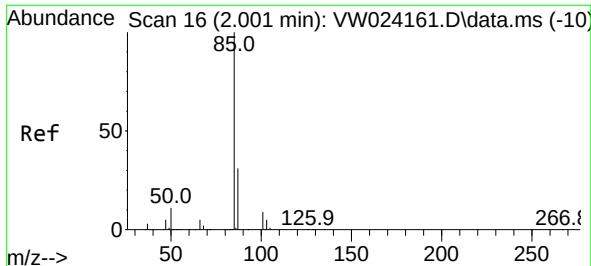
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 01:00:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	230237	28.220	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	237092	26.419	ug/L	99
31) Carbon tetrachloride	8.067	117	220474	26.041	ug/L	99
33) Benzene	8.317	78	599968	25.526	ug/L	100
34) Trichloroethene	9.085	95	160038	25.761	ug/L	95
35) Methylcyclohexane	9.335	83	273403	28.064	ug/L	98
37) 1,2-Dichloropropane	9.366	63	143253	24.656	ug/L	98
38) Bromodichloromethane	9.646	83	201831	24.768	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	233868	27.360	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	198097	51.374	ug/L	98
42) Toluene	10.384	91	659477	26.404	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	209047	26.765	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	121150	24.739	ug/L	97
46) Tetrachloroethene	10.859	164	137258	27.291	ug/L	97
48) 2-Hexanone	10.963	43	139082	53.148	ug/L	98
49) Dibromochloromethane	11.128	129	148274	25.151	ug/L	97
50) 1,2-Dibromoethane	11.231	107	118444	25.245	ug/L	94
51) Chlorobenzene	11.652	112	439014	25.726	ug/L	94
52) Ethylbenzene	11.725	91	741775	27.107	ug/L	99
53) m,p-Xylene	11.835	106	292090	27.422	ug/L	97
54) o-Xylene	12.164	106	280516	27.876	ug/L	98
55) Styrene	12.176	104	480575	27.458	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	148387	24.246	ug/L	99
59) Bromoform	12.347	173	84953	25.281	ug/L	97
60) Isopropylbenzene	12.463	105	754984	28.309	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104748	23.892	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	645427	29.286	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	631414	29.091	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	346703	26.548	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	356147	25.754	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	313338	25.267	ug/L #	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23405	22.849	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	262341	30.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	207922	30.319	ug/L	99
71) Naphthalene	15.365	128	410343	30.719	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	181904	29.135	ug/L	97

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

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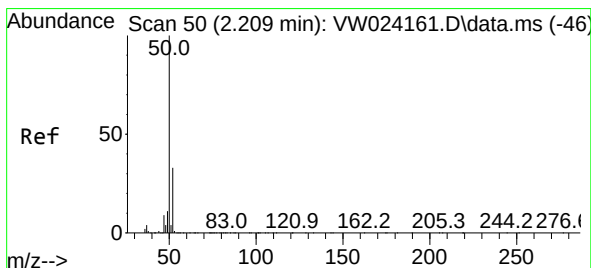
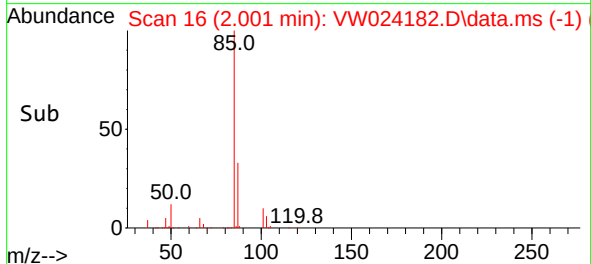
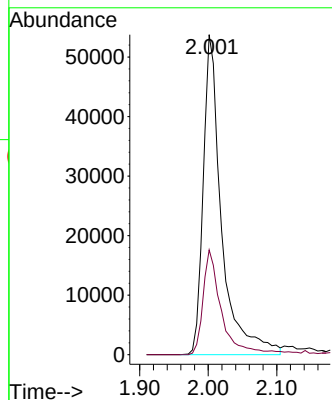
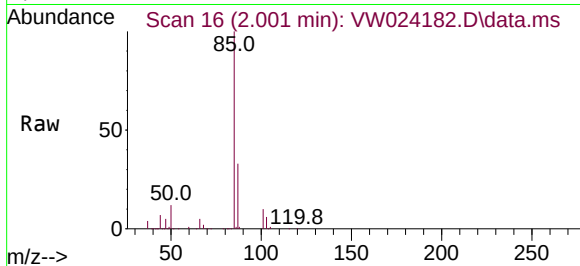
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#2
 Dichlorodifluoromethane
 Concen: 26.715 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

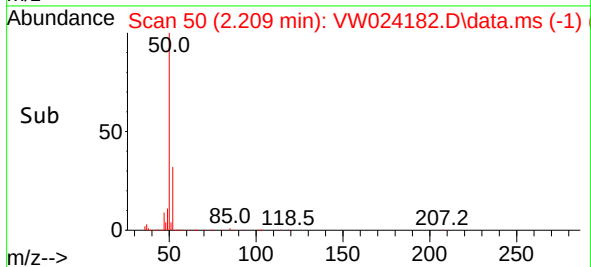
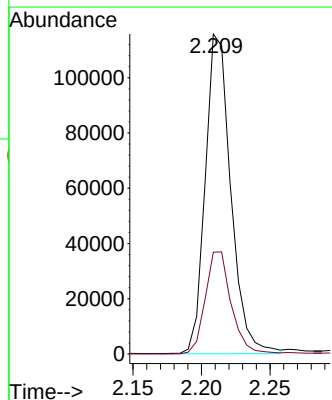
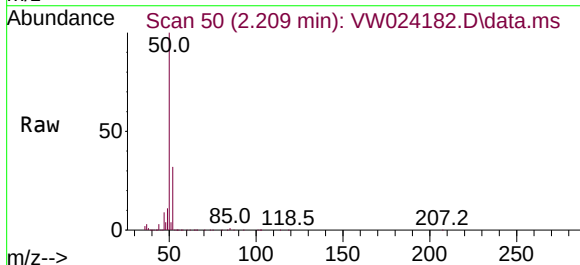
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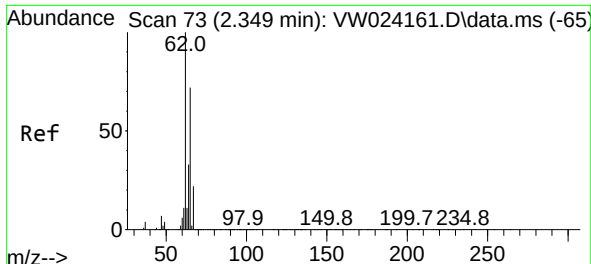
Tgt Ion: 85 Resp: 100140
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.5 36.7



#3
 Chloromethane
 Concen: 21.399 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

Tgt Ion: 50 Resp: 150437
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.2 43.2

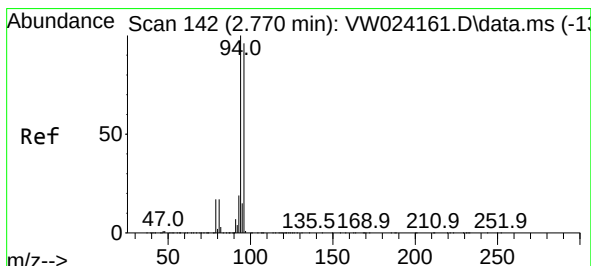
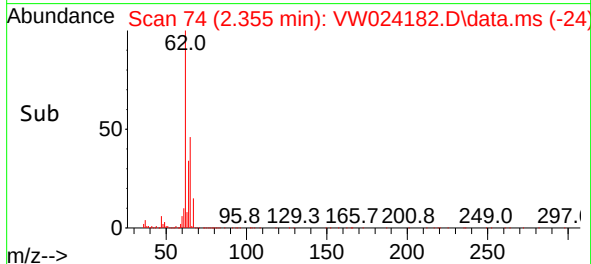
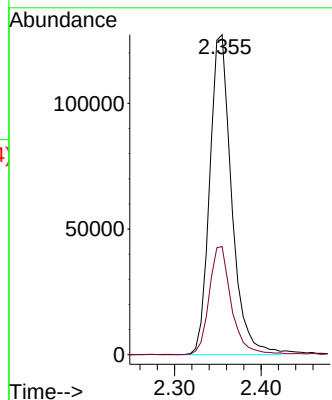
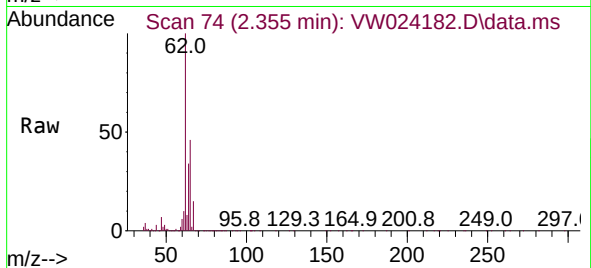




#5
 Vinyl chloride
 Concen: 22.891 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

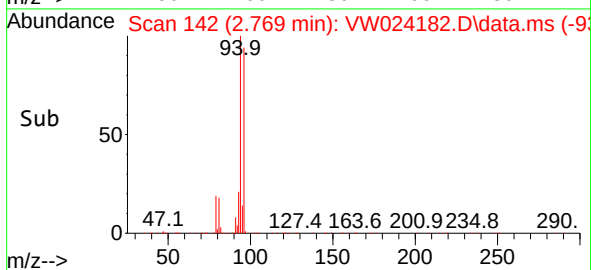
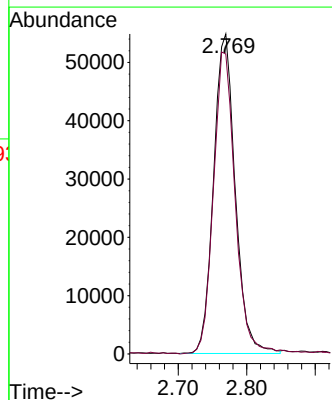
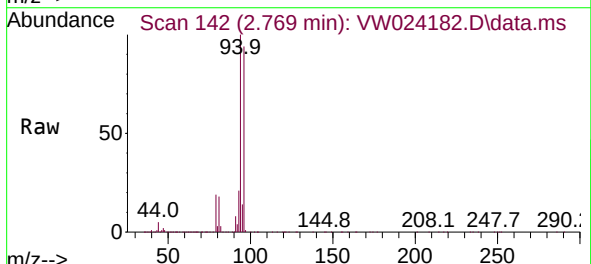
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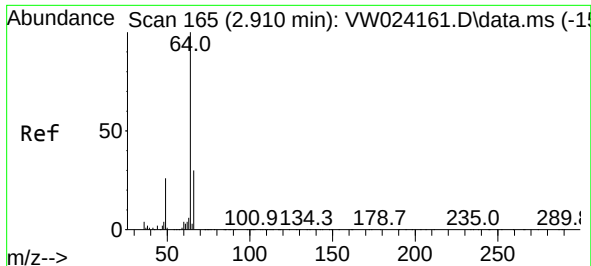
Tgt Ion: 62 Resp: 224015
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 21.420 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

Tgt Ion: 94 Resp: 120189
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.0 113.4

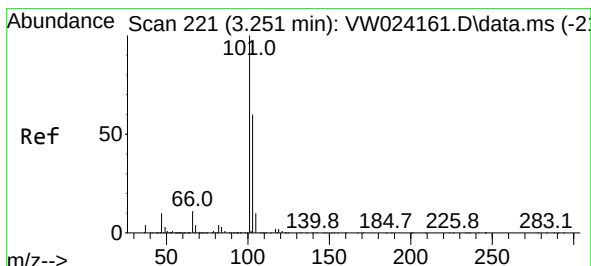
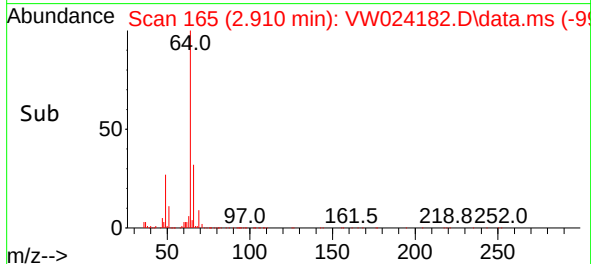
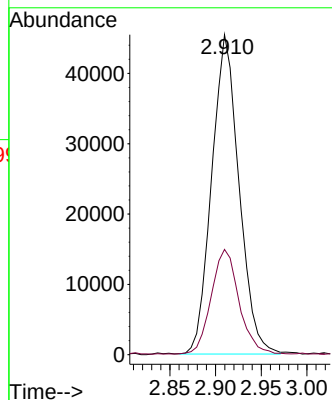
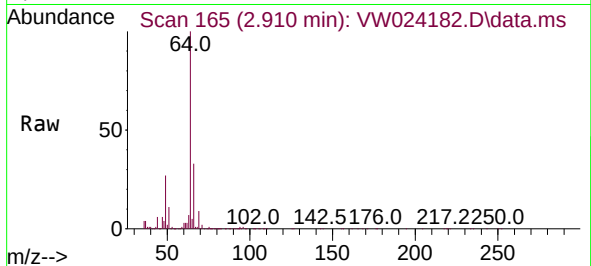




#8
Chloroethane
Concen: 22.011 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

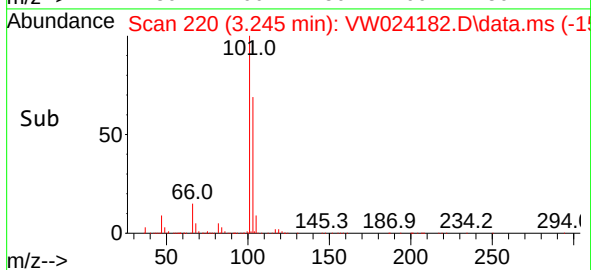
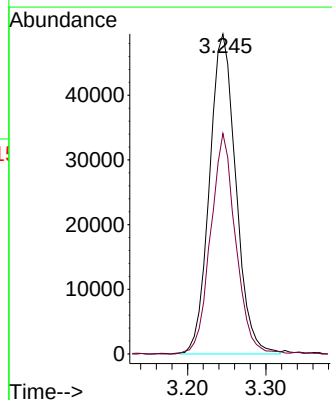
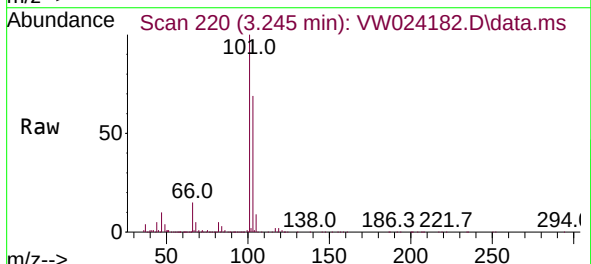
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ClientSampleId :
VSTD025522

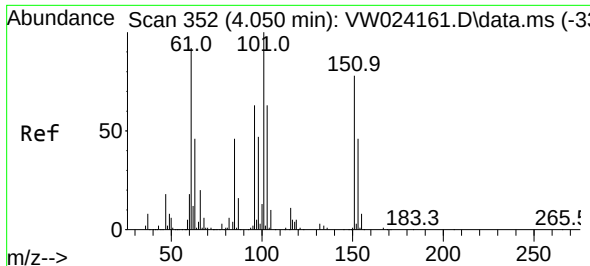
Tgt Ion: 64 Resp: 94351
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.934 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 101 Resp: 115667
Ion Ratio Lower Upper
101 100
103 65.5 50.5 75.7

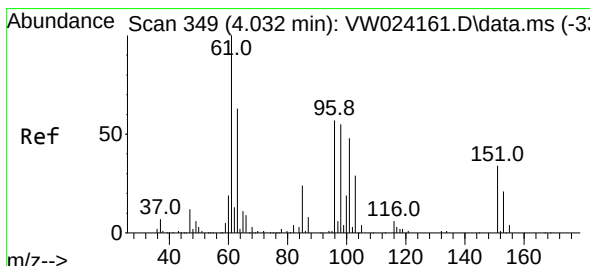
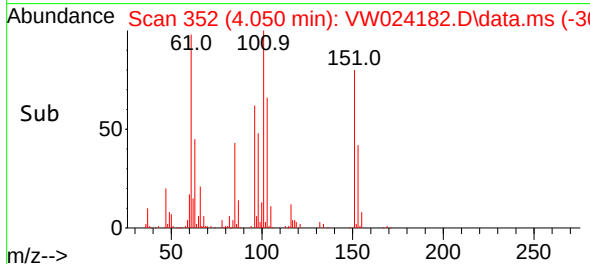
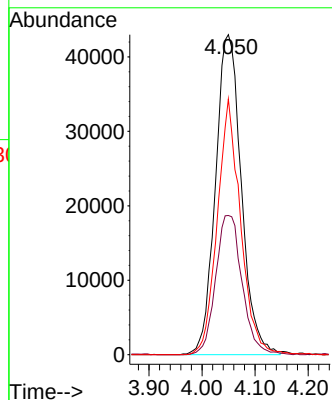
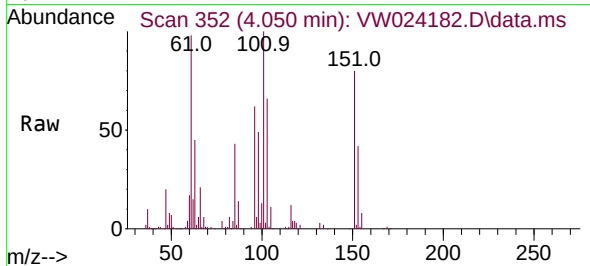




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.277 ug/L
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

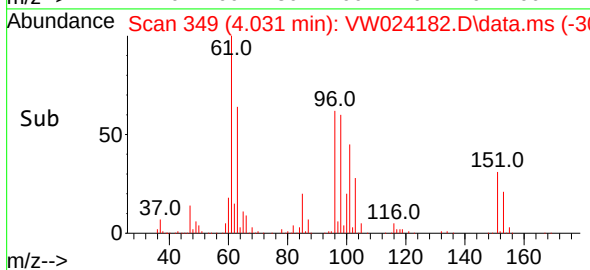
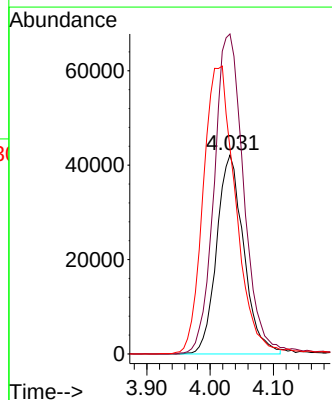
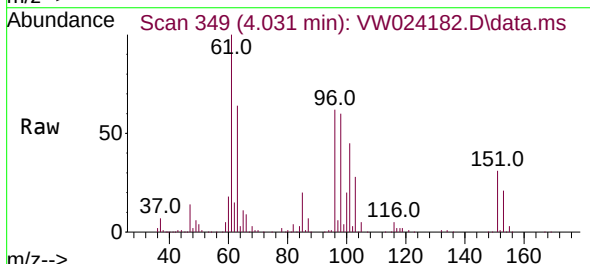
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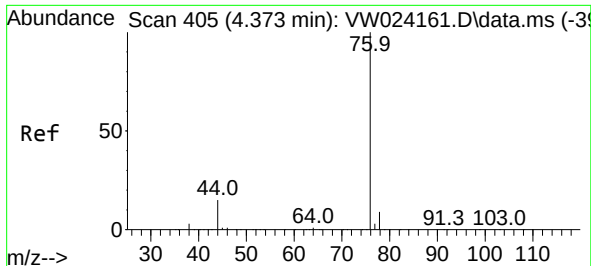
Tgt Ion:101 Resp: 145634
Ion Ratio Lower Upper
101 100
85 44.2 34.9 52.3
151 71.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 24.424 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 96 Resp: 125104
Ion Ratio Lower Upper
96 100
61 160.9 123.1 228.5
63 103.5 84.9 157.7

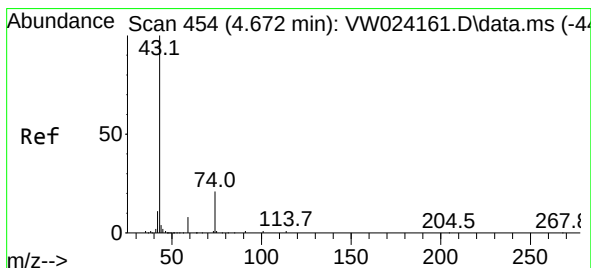
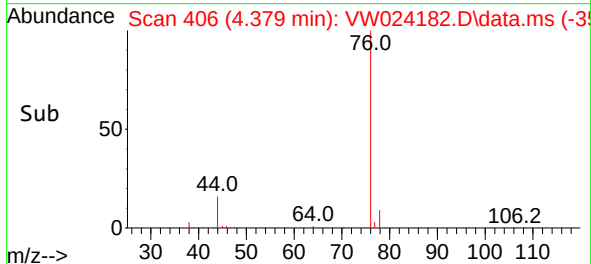
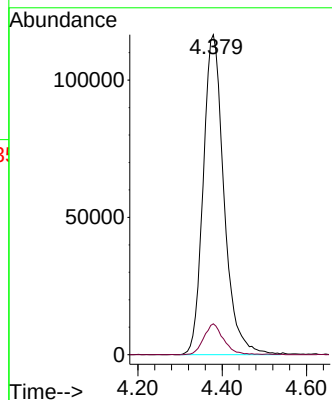
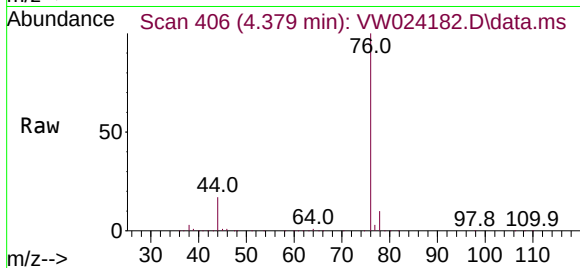




#14
Carbon disulfide
Concen: 24.366 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

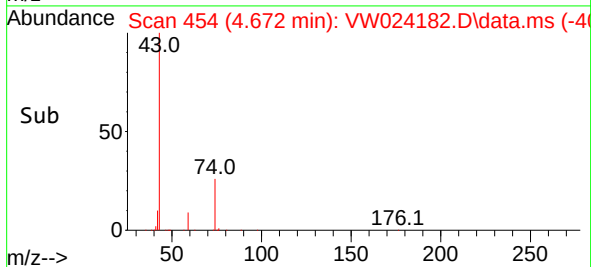
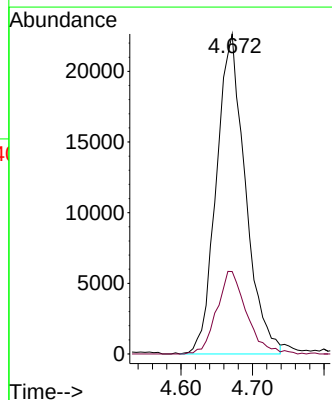
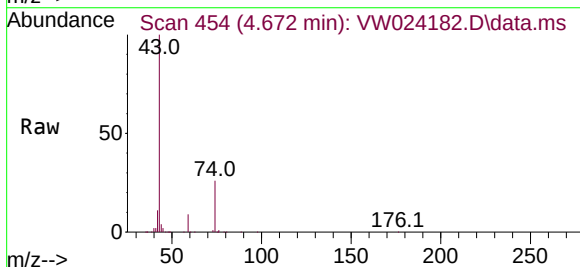
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

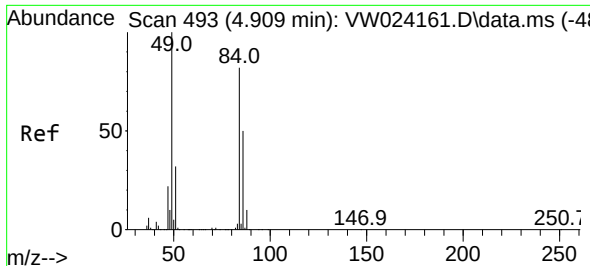
Tgt Ion: 76 Resp: 399372
Ion Ratio Lower Upper
76 100
78 9.6 7.9 11.9



#15
Methyl Acetate
Concen: 23.227 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 43 Resp: 63818
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3

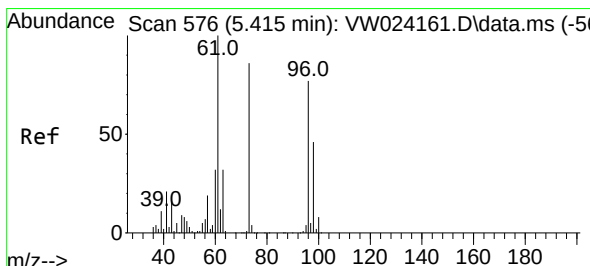
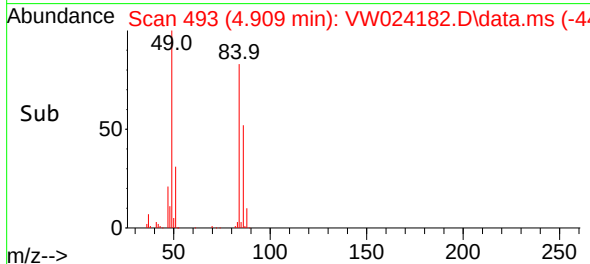
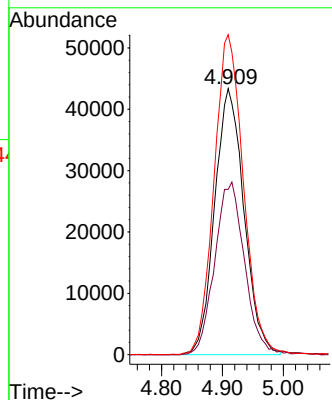
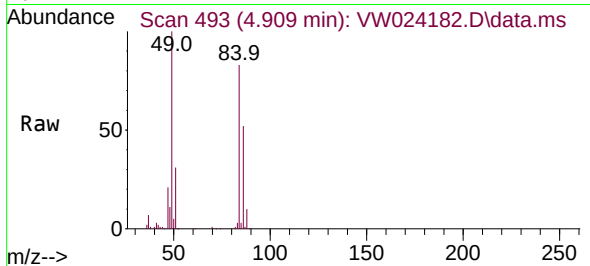




#16
Methylene chloride
Concen: 19.289 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

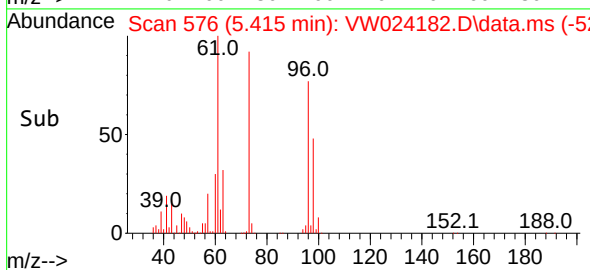
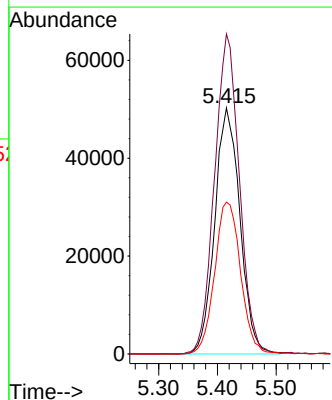
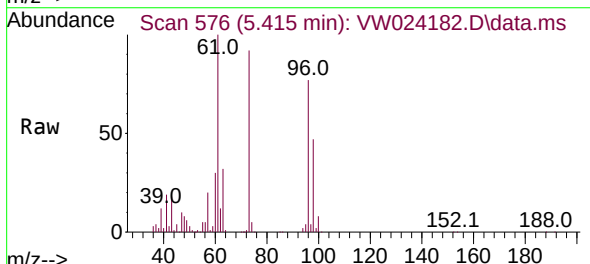
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

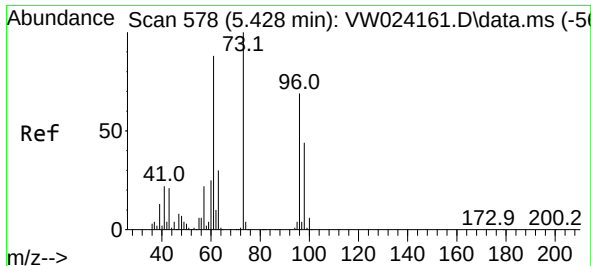
Tgt Ion: 84 Resp: 144926
Ion Ratio Lower Upper
84 100
86 62.2 42.8 79.6
49 120.3 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 25.329 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 96 Resp: 149825
Ion Ratio Lower Upper
96 100
61 130.0 93.0 172.8
98 61.7 48.5 90.1

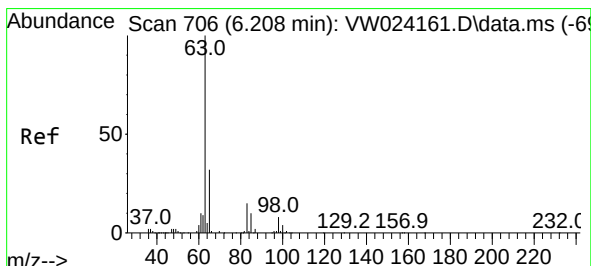
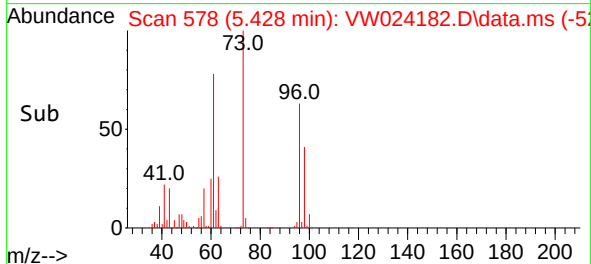
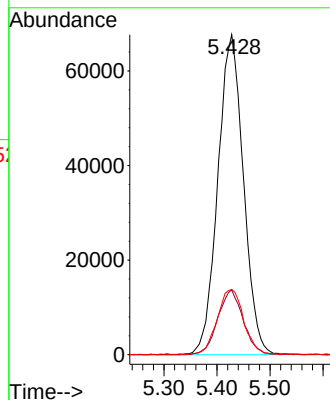
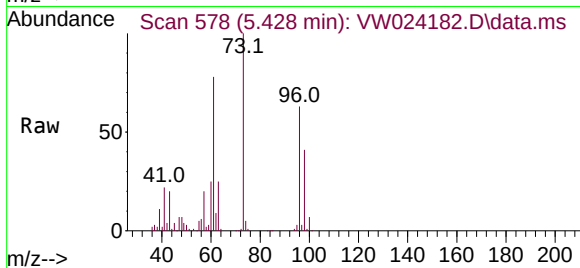




#18
Methyl tert-butyl Ether
Concen: 26.885 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

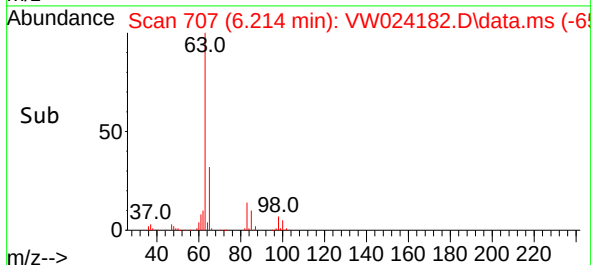
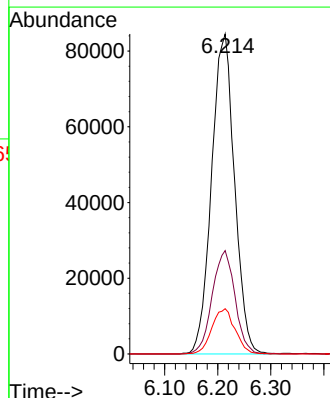
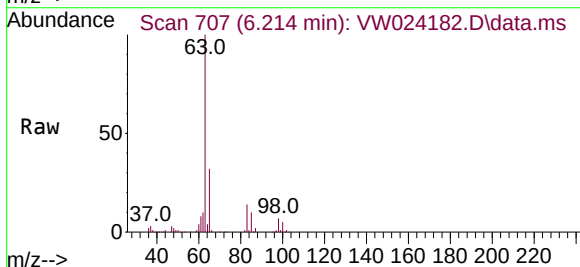
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

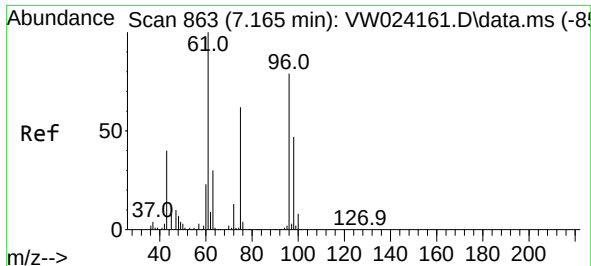
Tgt Ion: 73 Resp: 226769
Ion Ratio Lower Upper
73 100
43 19.8 16.6 24.8
57 21.2 17.6 26.4



#19
1,1-Dichloroethane
Concen: 24.402 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 63 Resp: 254265
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 14.2 9.2 17.0

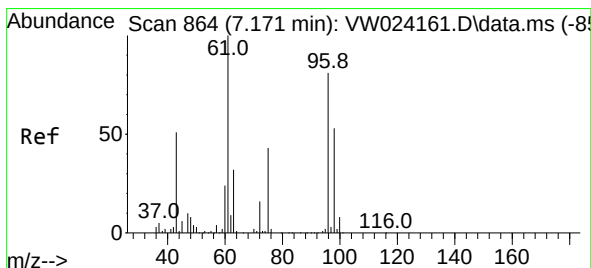
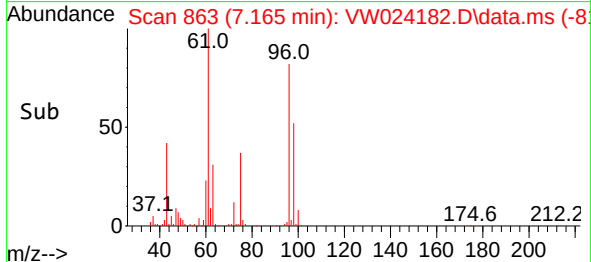
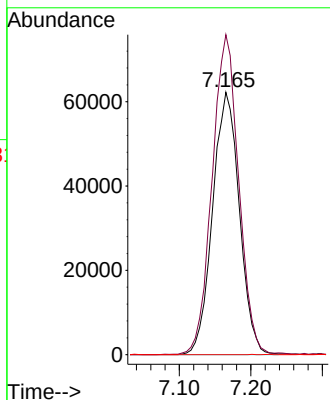
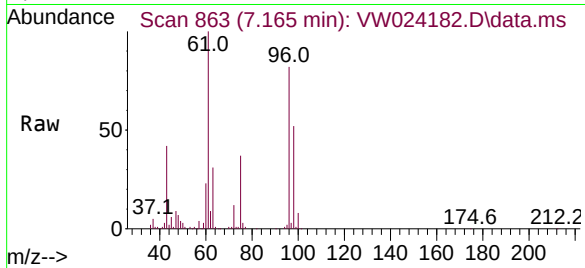




#20
 cis-1,2-Dichloroethene
 Concen: 24.919 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

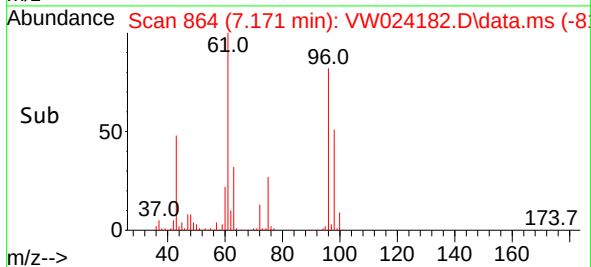
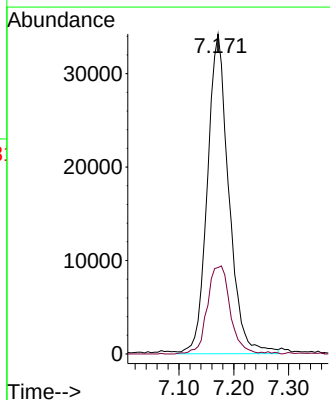
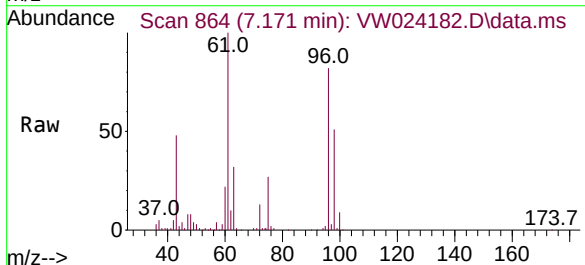
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

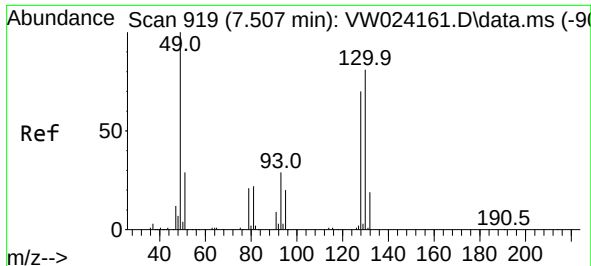
Tgt Ion: 96 Resp: 161879
 Ion Ratio Lower Upper
 96 100
 61 122.0 89.5 166.3
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 45.238 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

Tgt Ion: 43 Resp: 92989
 Ion Ratio Lower Upper
 43 100
 72 29.2 14.3 42.9

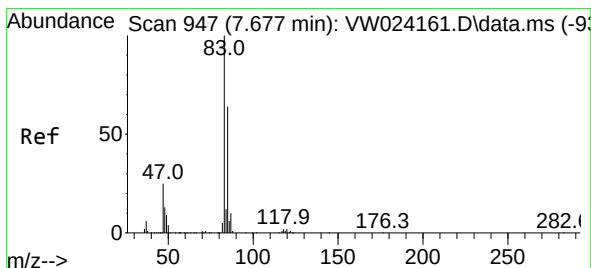
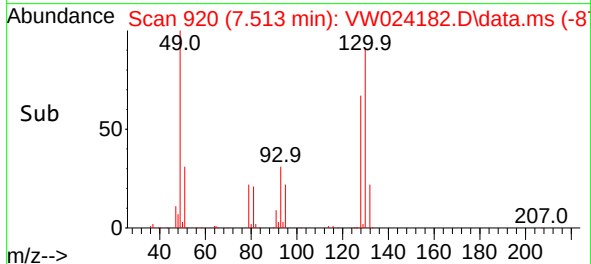
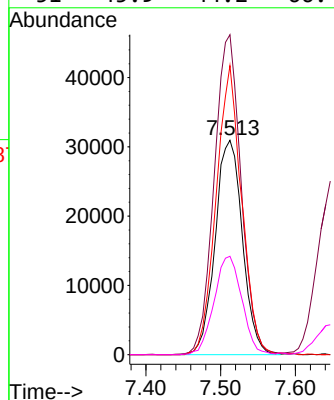
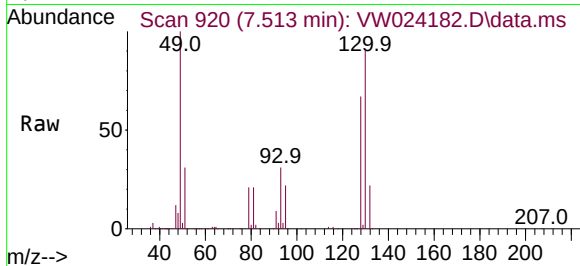




#23
Bromochloromethane
Concen: 24.262 ug/L
RT: 7.513 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

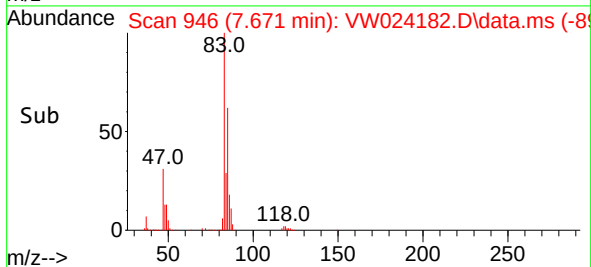
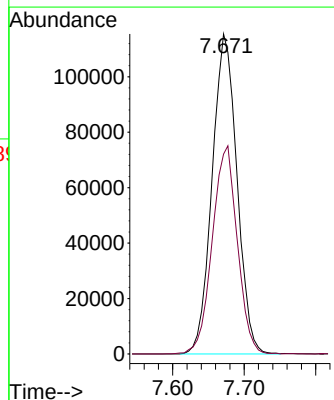
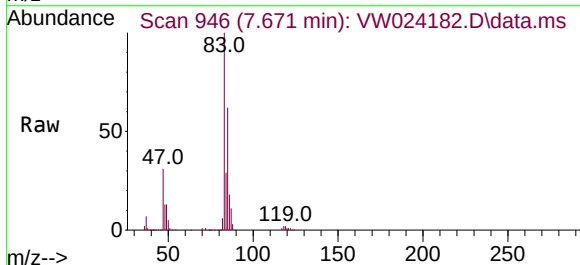
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

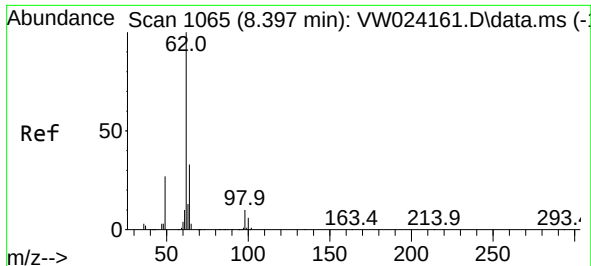
Tgt Ion:128 Resp: 78493
Ion Ratio Lower Upper
128 100
49 149.2 106.6 198.0
130 134.8 88.1 163.5
51 45.9 44.2 66.4



#25
Chloroform
Concen: 24.244 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 83 Resp: 278359
Ion Ratio Lower Upper
83 100
85 62.4 42.9 79.7





#27

1,2-Dichloroethane

Concen: 23.695 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024182.D

Acq: 05 Aug 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

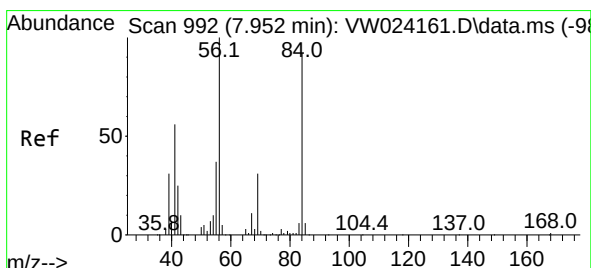
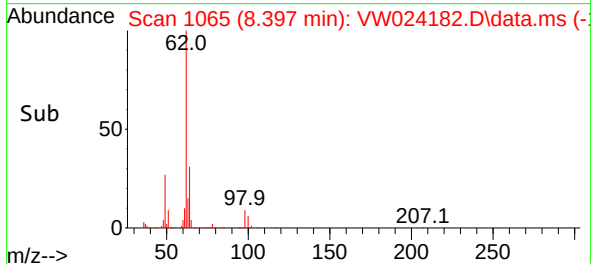
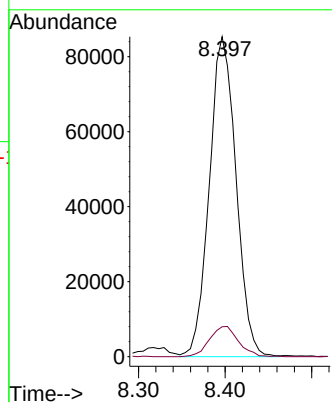
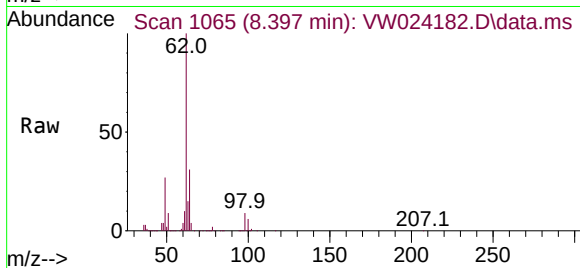
VSTD025522

Tgt Ion: 62 Resp: 183067

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0



#29

Cyclohexane

Concen: 28.220 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024182.D

Acq: 05 Aug 2022 09:07

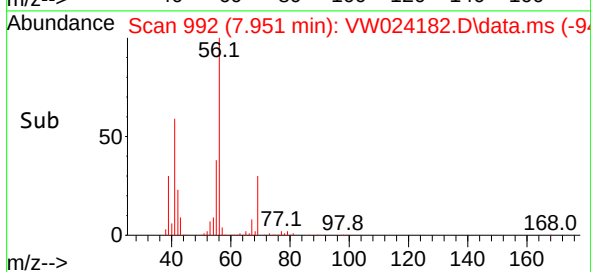
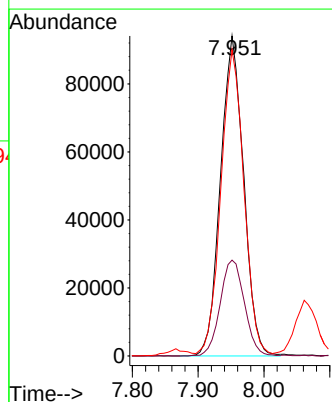
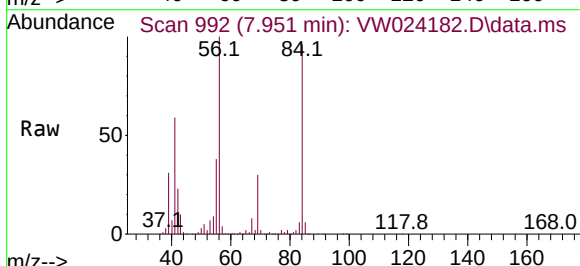
Tgt Ion: 56 Resp: 230237

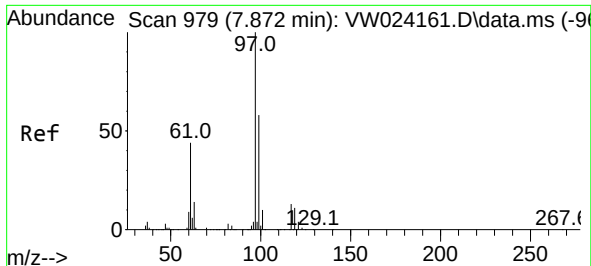
Ion Ratio Lower Upper

56 100

69 30.9 24.5 36.7

84 95.4 75.5 113.3

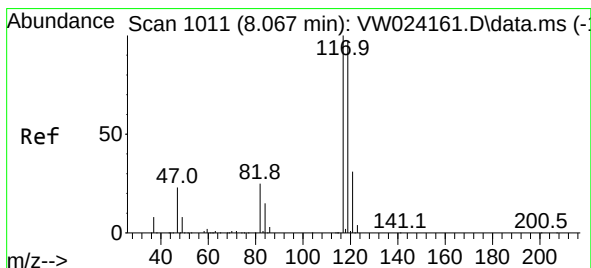
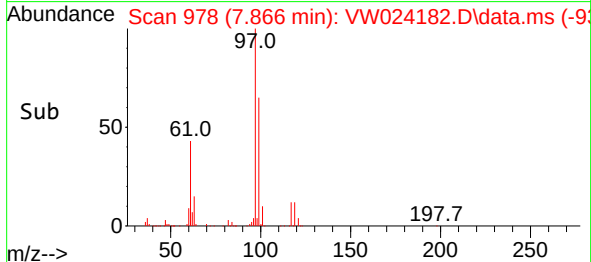
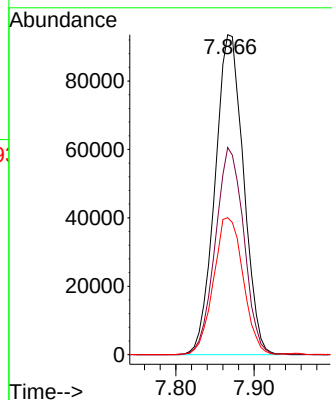
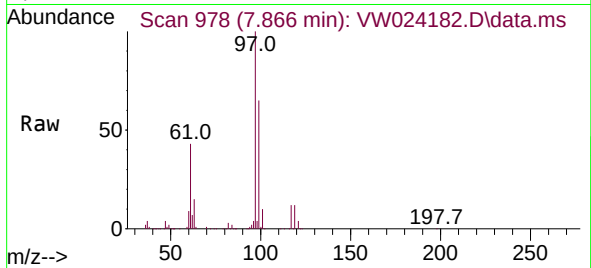




#30
1,1,1-Trichloroethane
Concen: 26.419 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

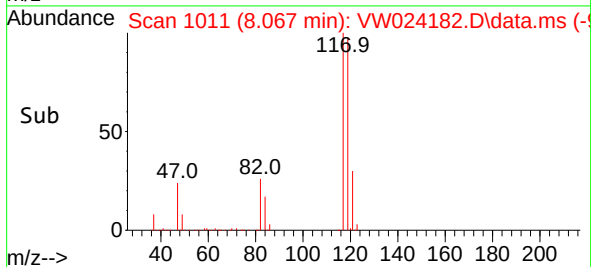
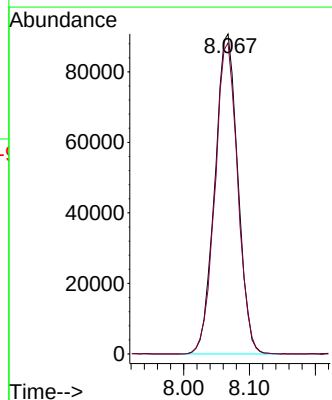
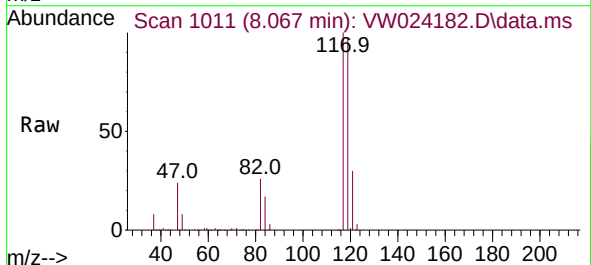
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

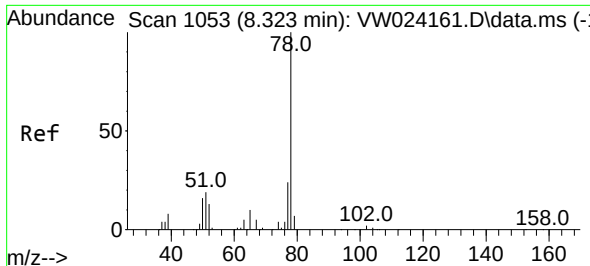
Tgt Ion: 97 Resp: 237092
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 44.0 36.2 54.2



#31
Carbon tetrachloride
Concen: 26.041 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 117 Resp: 220474
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8

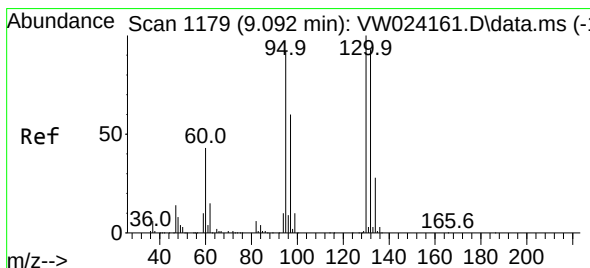
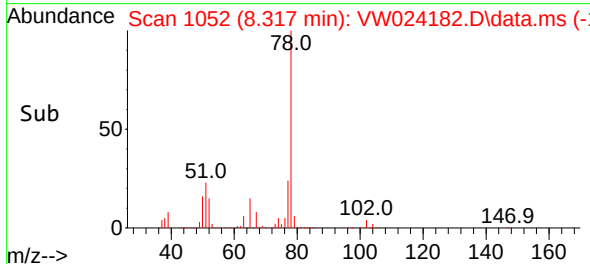
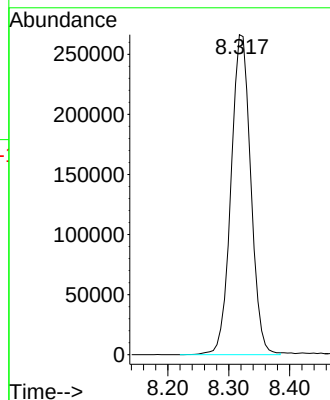
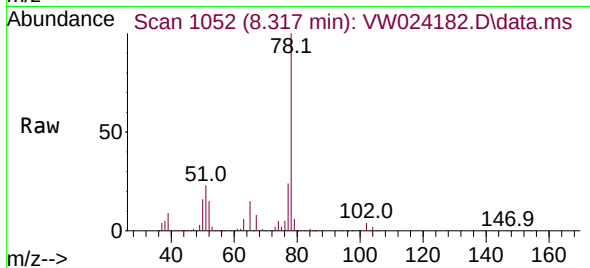




#33
Benzene
Concen: 25.526 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

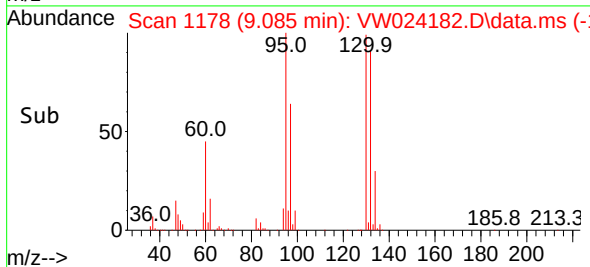
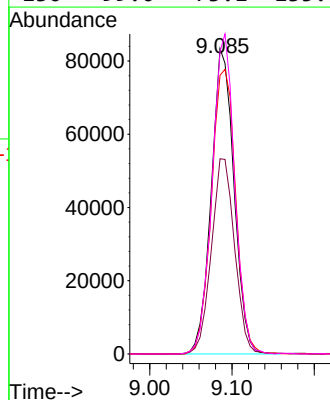
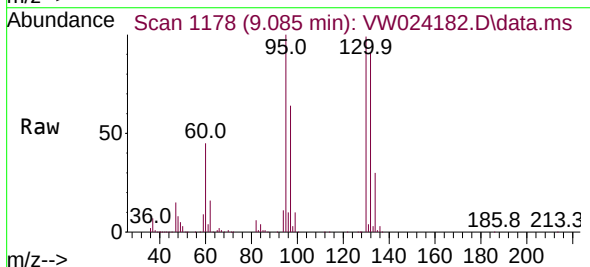
Tgt Ion: 78 Resp: 599968

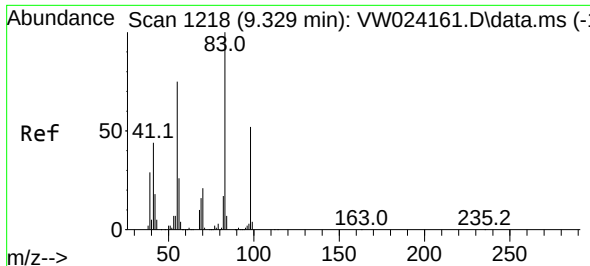


#34
Trichloroethene
Concen: 25.761 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 95 Resp: 160038

Ion	Ratio	Lower	Upper
95	100		
97	63.9	41.6	77.2
132	91.2	67.0	124.4
130	99.0	73.1	135.8

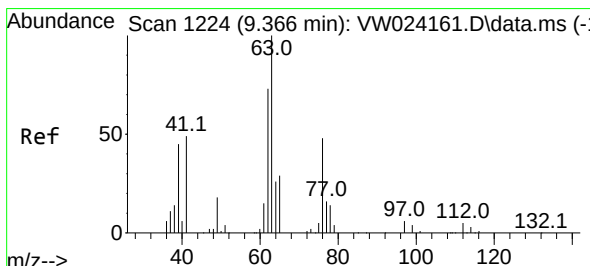
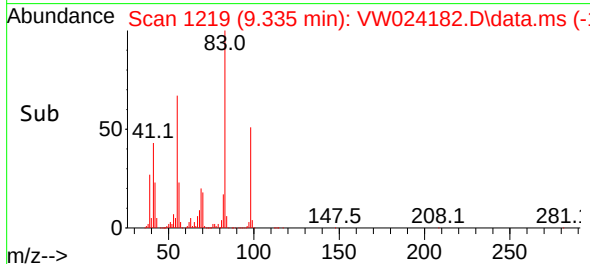
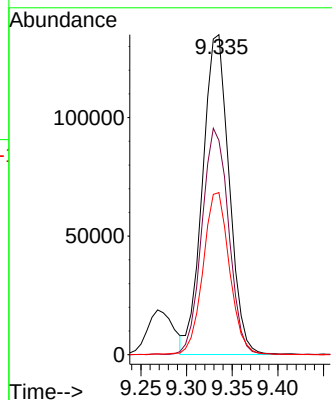
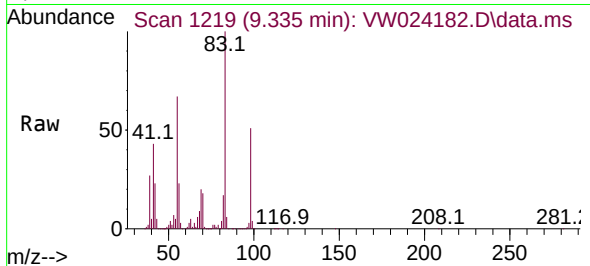




#35
Methylcyclohexane
Concen: 28.064 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

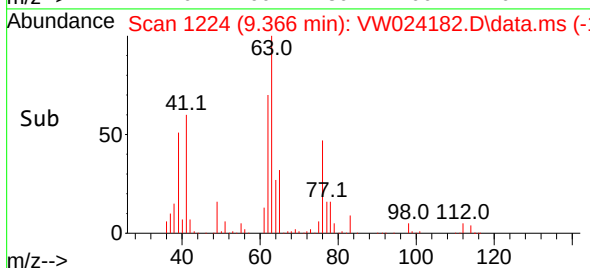
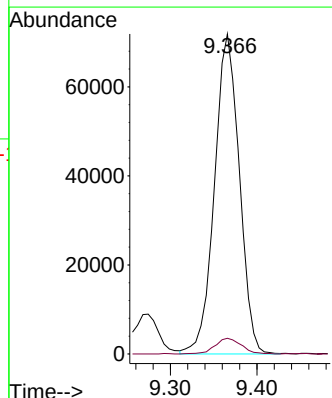
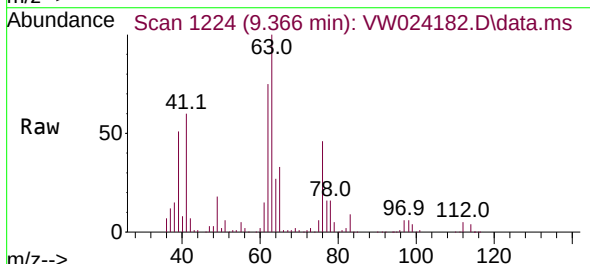
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

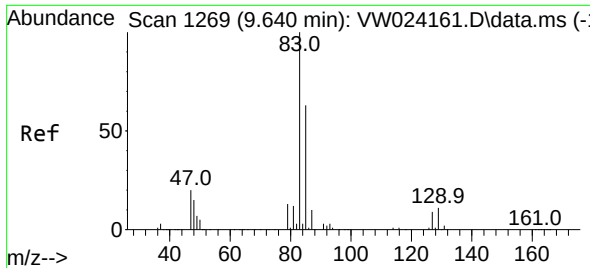
Tgt Ion: 83 Resp: 273403
Ion Ratio Lower Upper
83 100
55 71.4 59.1 88.7
98 50.1 40.8 61.2



#37
1,2-Dichloropropane
Concen: 24.656 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 63 Resp: 143253
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.6

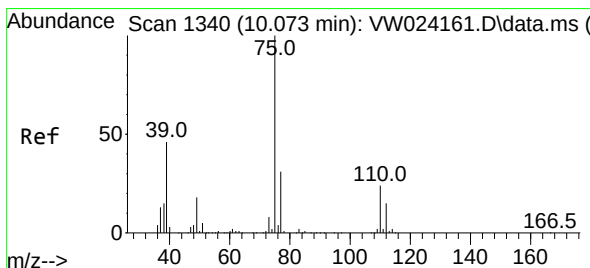
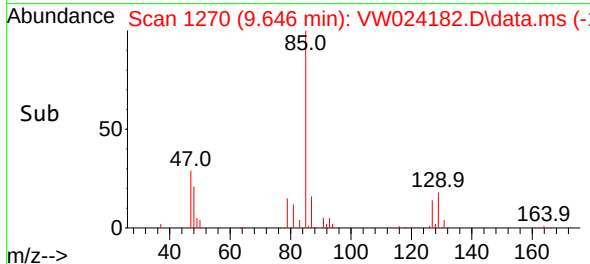
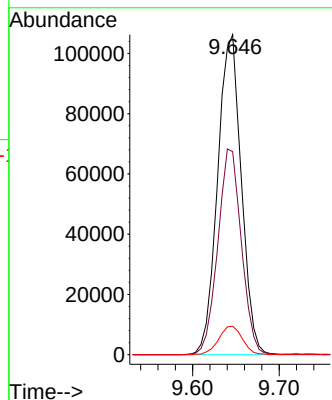
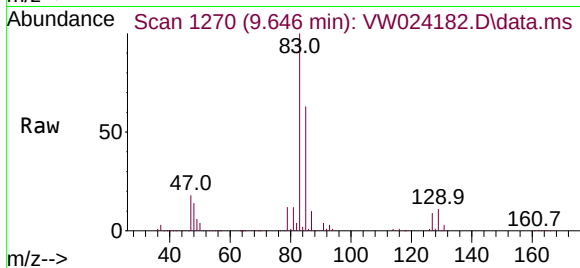




#38
Bromodichloromethane
Concen: 24.768 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

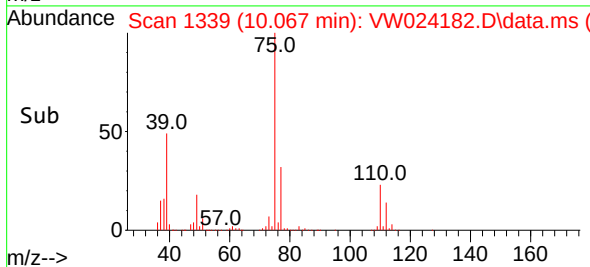
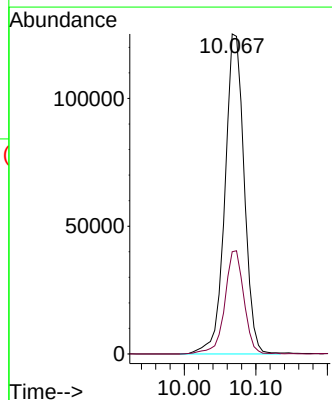
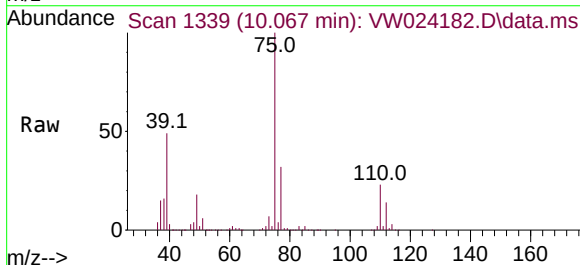
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

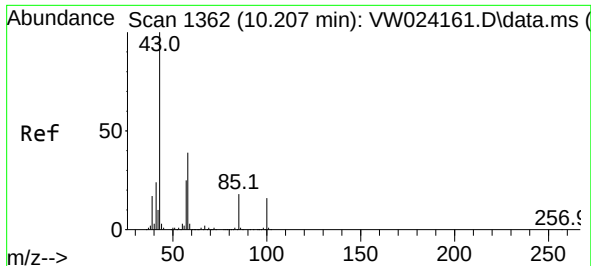
Tgt Ion: 83 Resp: 201831
Ion Ratio Lower Upper
83 100
85 63.4 43.7 81.1
127 8.9 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 27.360 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 75 Resp: 233868
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.6

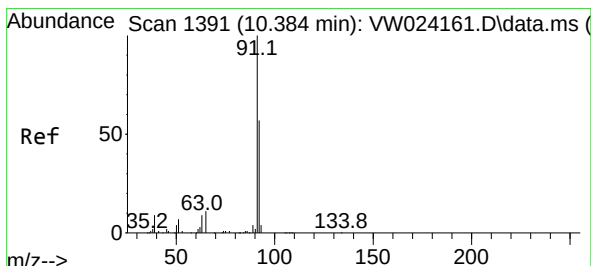
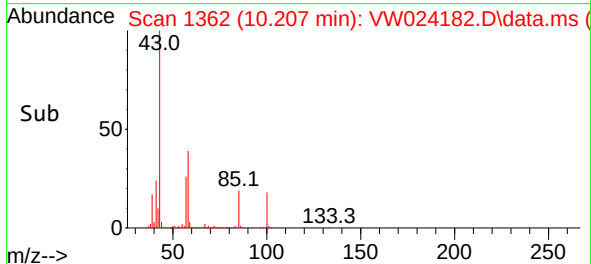
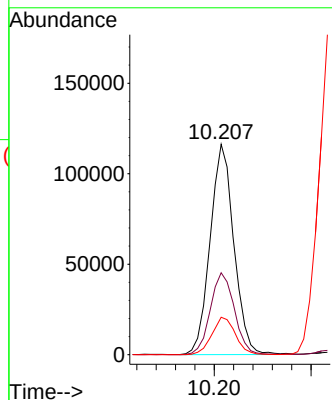
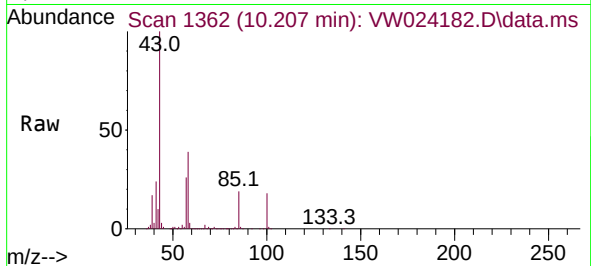




#40
4-Methyl-2-pentanone
Concen: 51.374 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

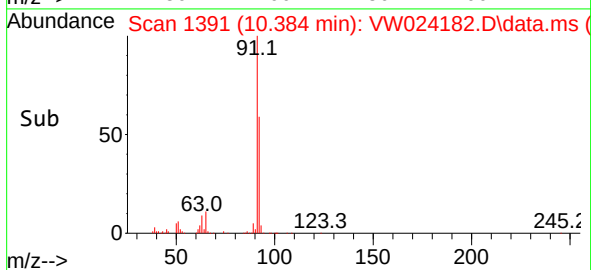
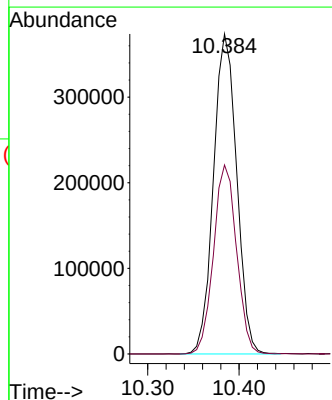
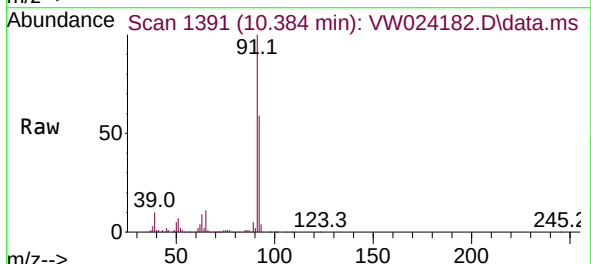
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

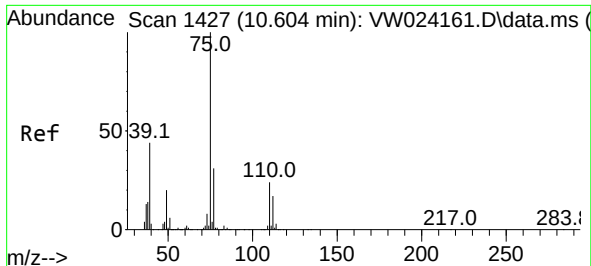
Tgt Ion: 43 Resp: 198097
Ion Ratio Lower Upper
43 100
58 39.6 30.5 45.7
100 17.7 13.8 20.6



#42
Toluene
Concen: 26.404 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 91 Resp: 659477
Ion Ratio Lower Upper
91 100
92 59.1 41.4 77.0

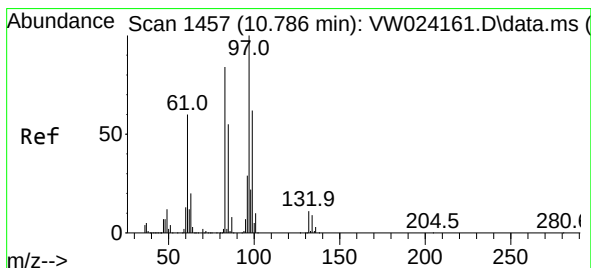
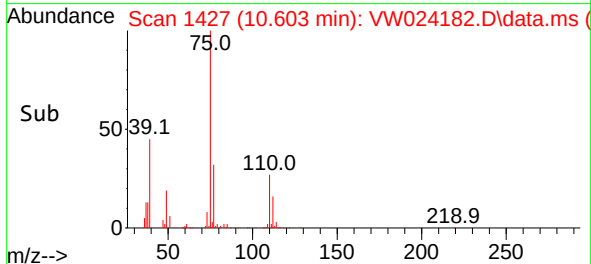
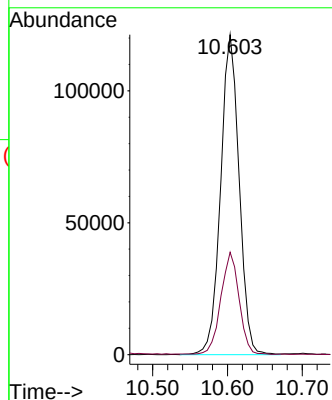
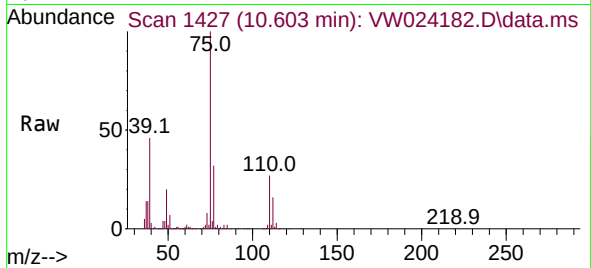




#44
trans-1,3-Dichloropropene
Concen: 26.765 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

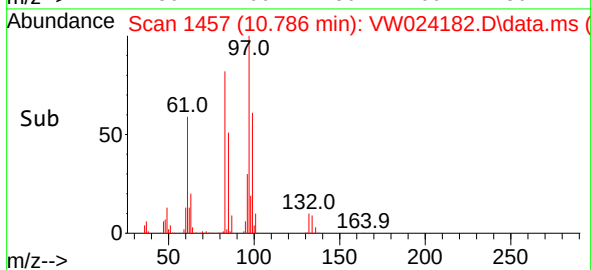
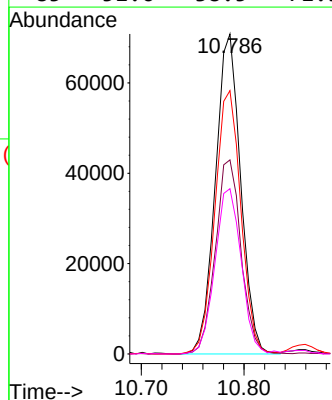
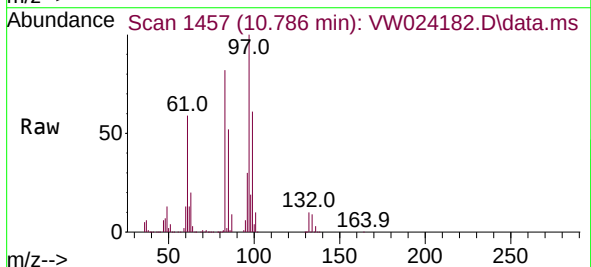
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

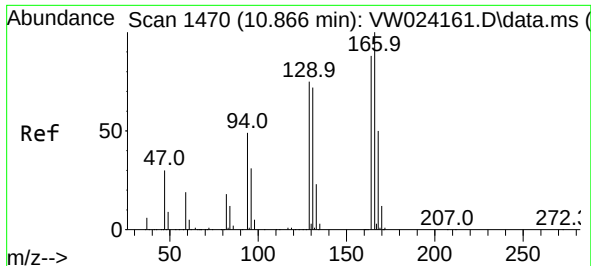
Tgt Ion: 75 Resp: 209047
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 24.739 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 97 Resp: 121150
Ion Ratio Lower Upper
97 100
99 60.7 43.8 81.3
83 82.3 56.4 104.7
85 51.6 38.5 71.5



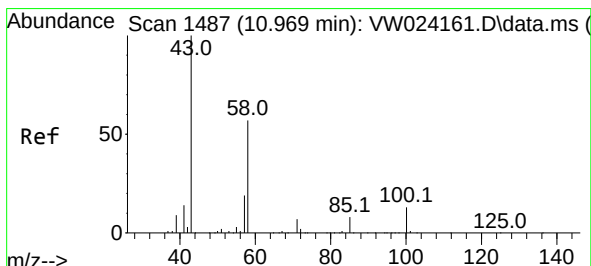
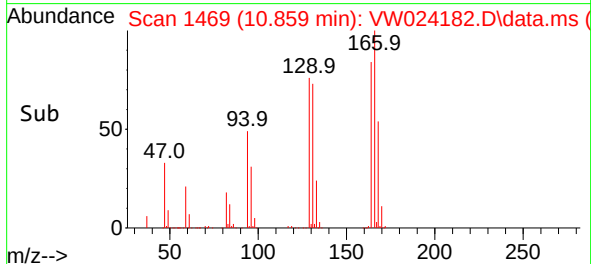
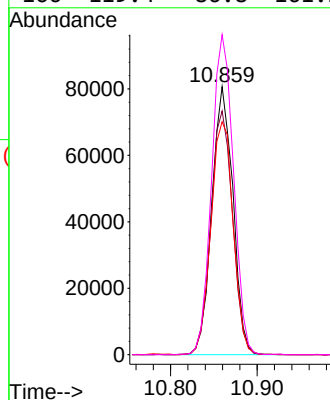
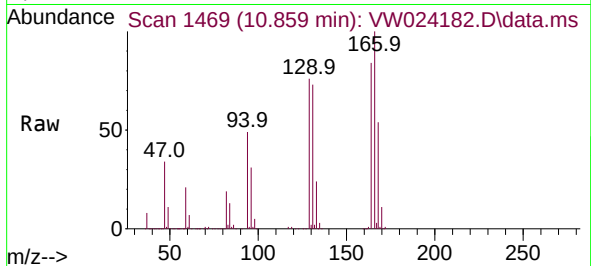


#46
Tetrachloroethene
Concen: 27.291 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Tgt Ion:164 Resp: 137258

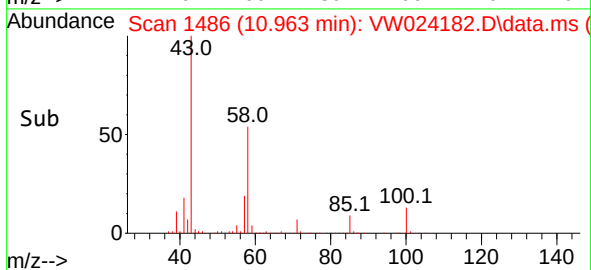
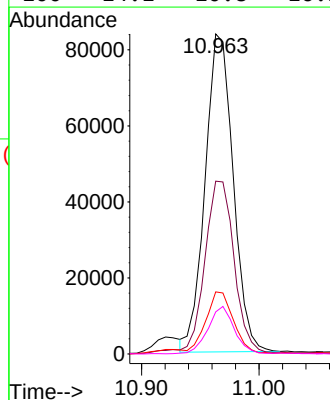
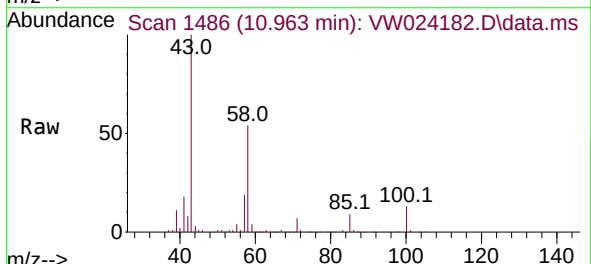
Ion	Ratio	Lower	Upper
164	100		
129	90.9	63.1	117.3
131	86.9	63.9	118.7
166	119.4	86.8	161.2

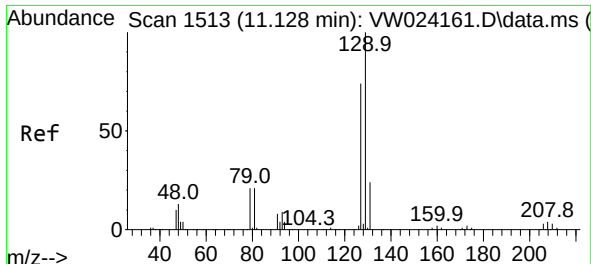


#48
2-Hexanone
Concen: 53.148 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 43 Resp: 139082

Ion	Ratio	Lower	Upper
43	100		
58	56.4	43.4	65.0
57	19.1	15.0	22.4
100	14.1	10.8	16.2

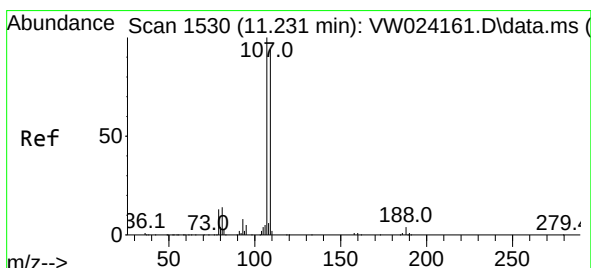
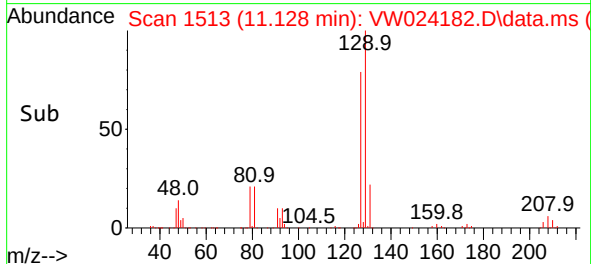
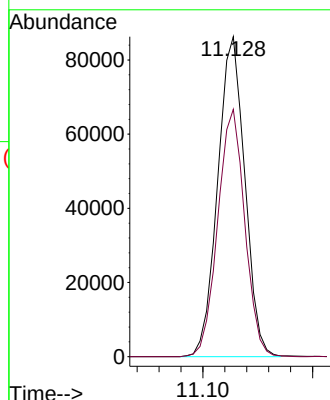
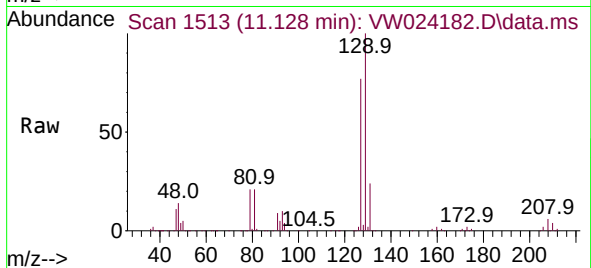




#49
 Dibromochloromethane
 Concen: 25.151 ug/L
 RT: 11.128 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

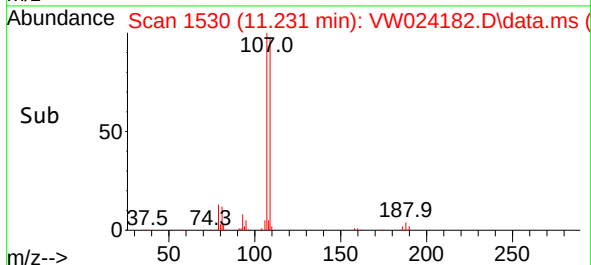
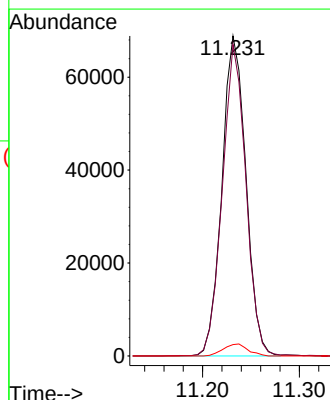
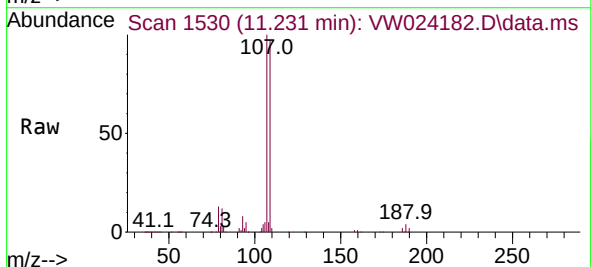
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

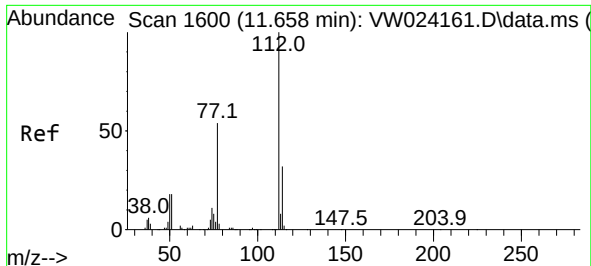
Tgt Ion:129 Resp: 148274
 Ion Ratio Lower Upper
 129 100
 127 77.3 52.3 97.1



#50
 1,2-Dibromoethane
 Concen: 25.245 ug/L
 RT: 11.231 min Scan# 1530
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

Tgt Ion:107 Resp: 118444
 Ion Ratio Lower Upper
 107 100
 109 97.4 64.0 119.0
 188 3.5 3.1 4.7

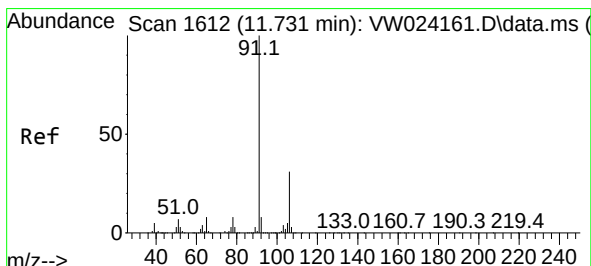
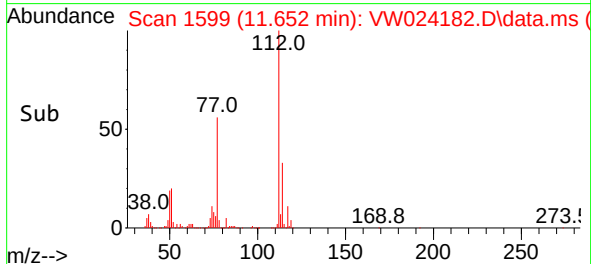
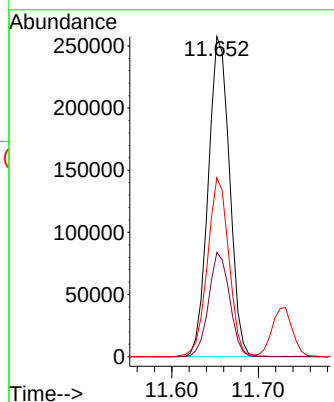
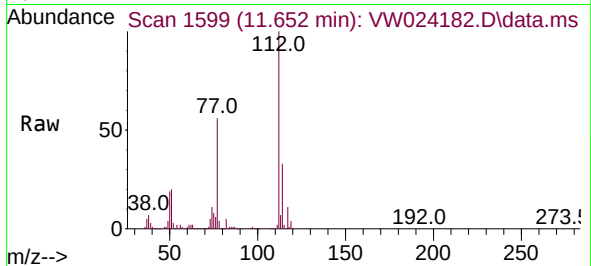




#51
Chlorobenzene
Concen: 25.726 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

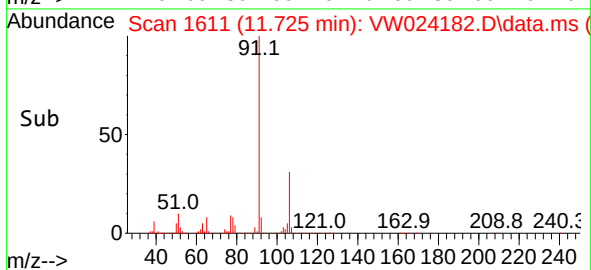
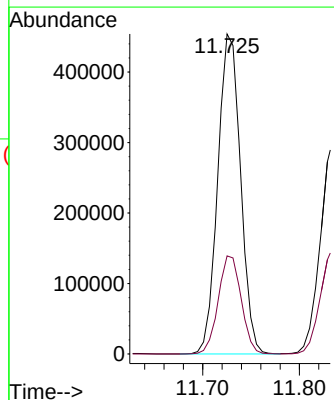
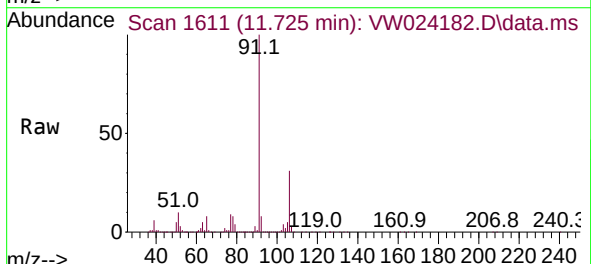
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

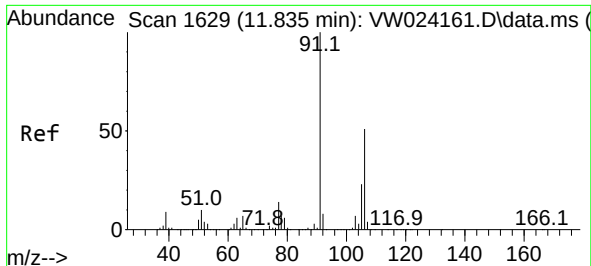
Tgt Ion:112 Resp: 439014
Ion Ratio Lower Upper
112 100
114 32.6 20.7 38.5
77 55.9 41.4 62.2



#52
Ethylbenzene
Concen: 27.107 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 91 Resp: 741775
Ion Ratio Lower Upper
91 100
106 30.7 21.9 40.7

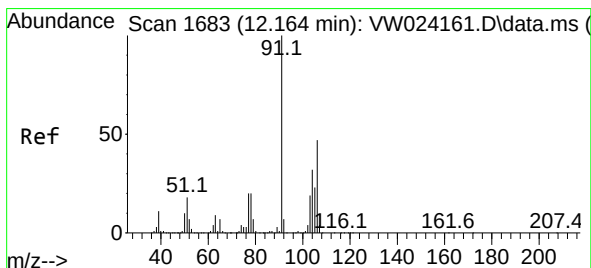
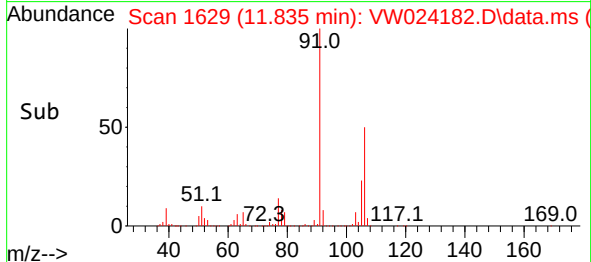
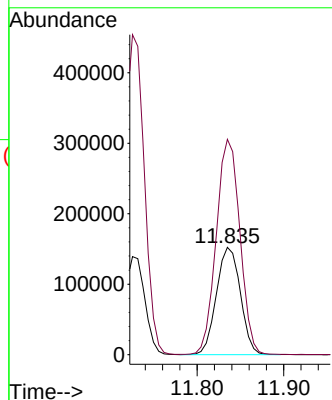
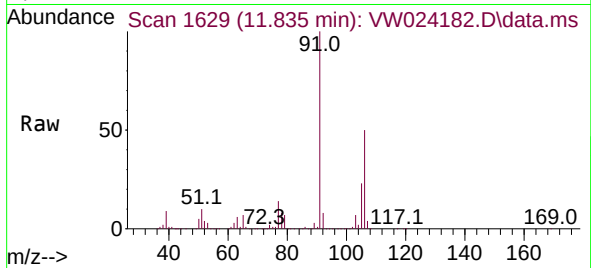




#53
m,p-Xylene
Concen: 27.422 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

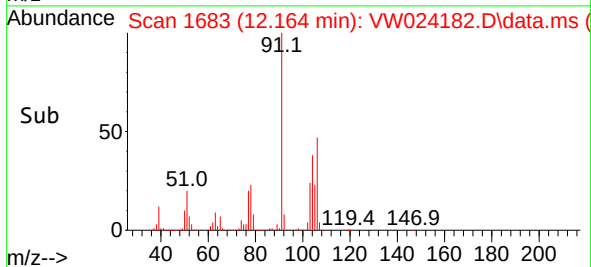
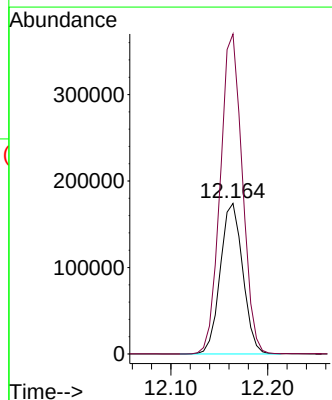
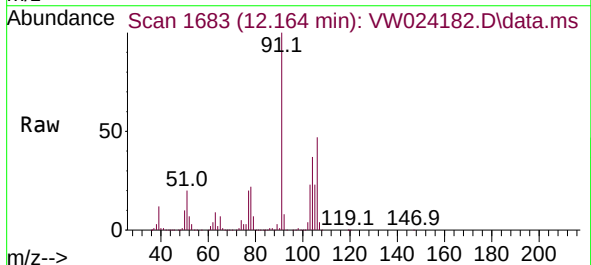
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

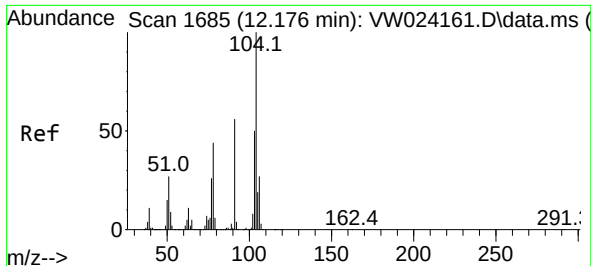
Tgt Ion:106 Resp: 292090
Ion Ratio Lower Upper
106 100
91 200.7 144.1 267.7



#54
o-Xylene
Concen: 27.876 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion:106 Resp: 280516
Ion Ratio Lower Upper
106 100
91 212.4 150.9 280.3

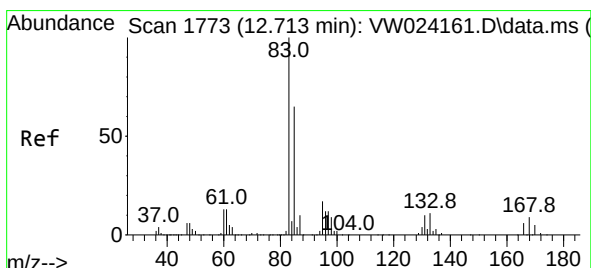
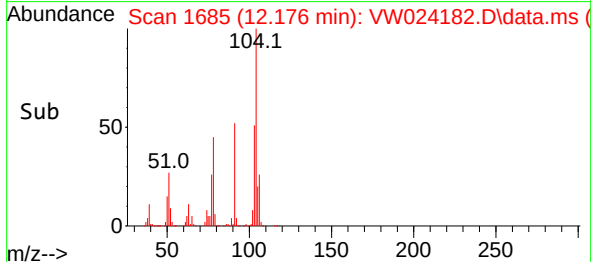
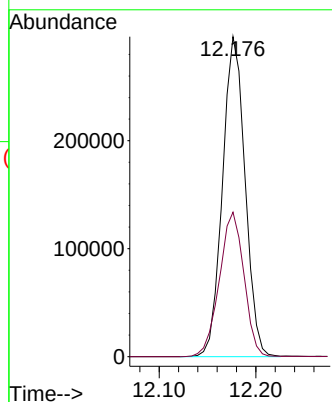
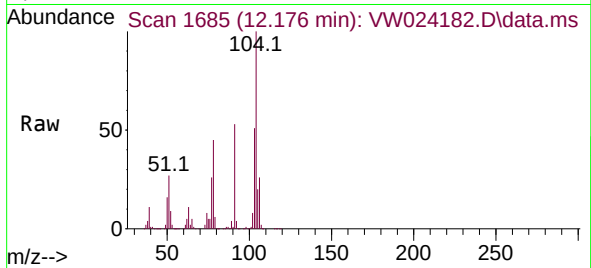




#55
Styrene
Concen: 27.458 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

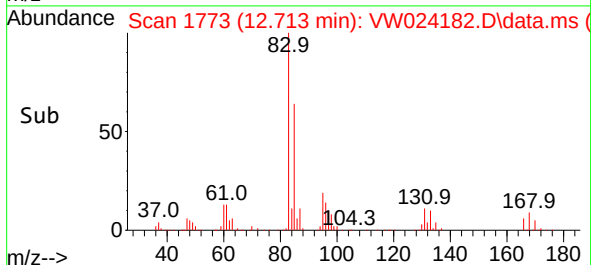
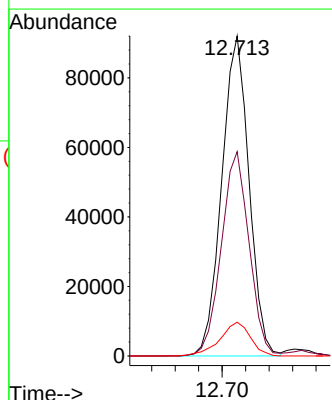
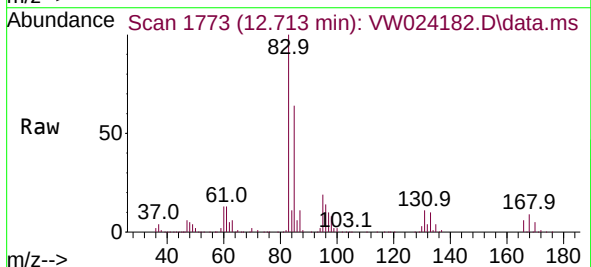
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

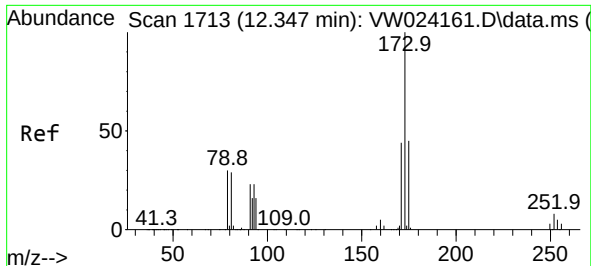
Tgt Ion:104 Resp: 480575
Ion Ratio Lower Upper
104 100
78 45.1 31.1 57.7



#57
1,1,2,2-Tetrachloroethane
Concen: 24.246 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 83 Resp: 148387
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9
131 10.5 8.3 12.5

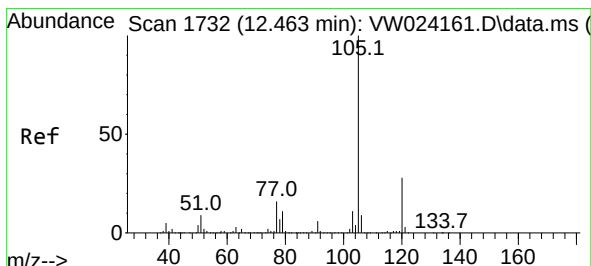
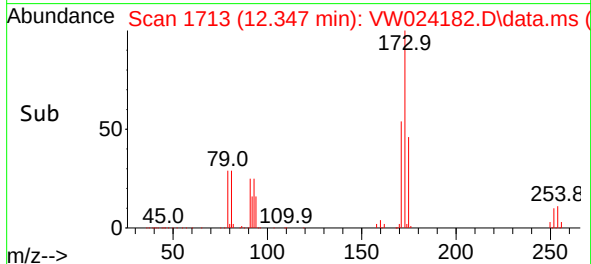
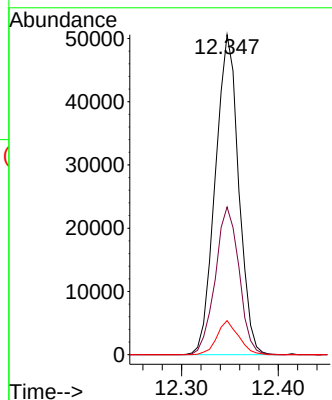
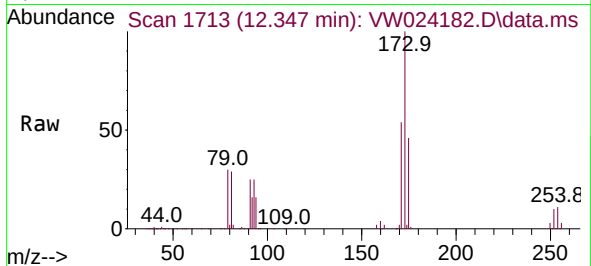




#59
Bromoform
Concen: 25.281 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

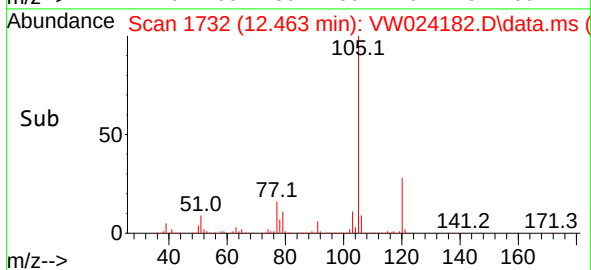
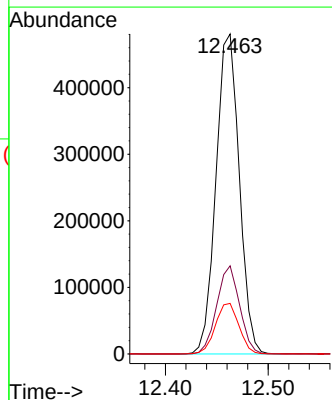
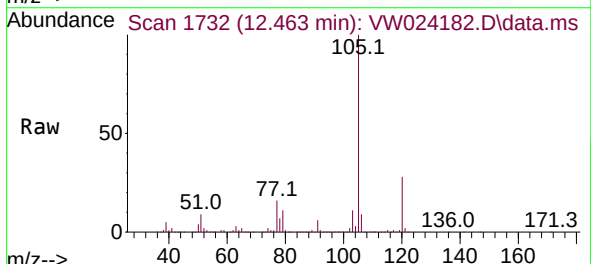
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

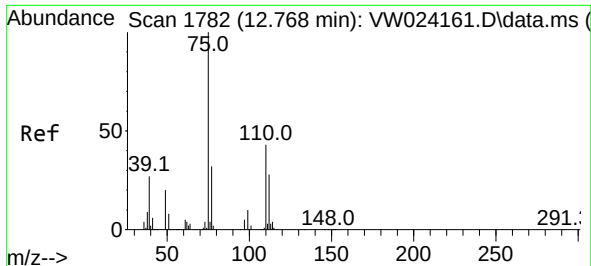
Tgt Ion:173 Resp: 84953
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.6
254 9.8 6.8 10.2



#60
Isopropylbenzene
Concen: 28.309 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion:105 Resp: 754984
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 16.1 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 23.892 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024182.D

Acq: 05 Aug 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

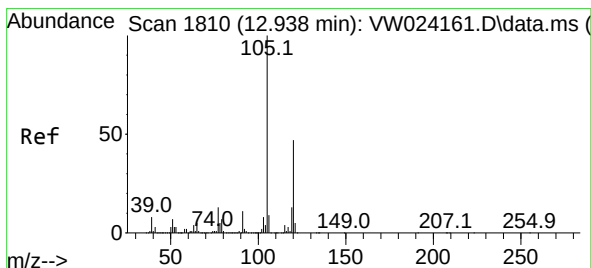
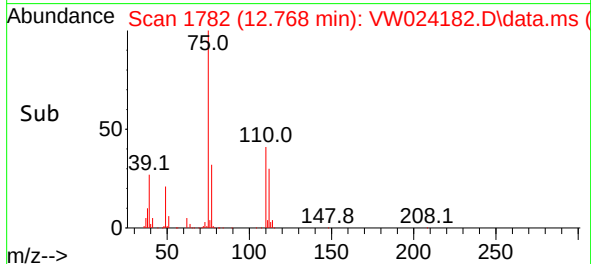
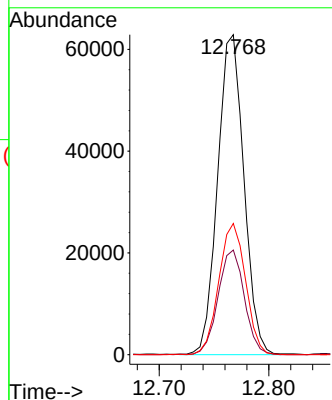
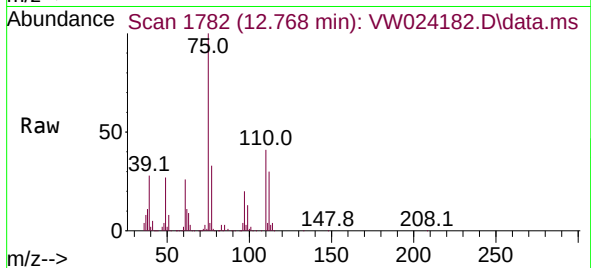
Tgt Ion: 75 Resp: 104748

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

110 41.7 33.6 50.4



#62

1,3,5-Trimethylbenzene

Concen: 29.286 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024182.D

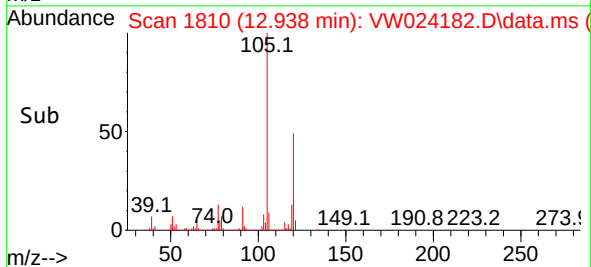
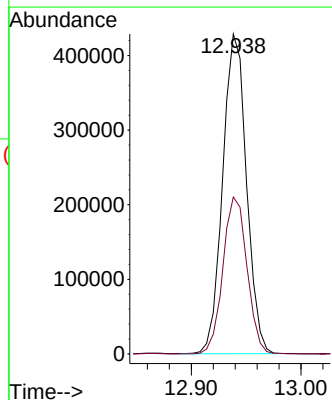
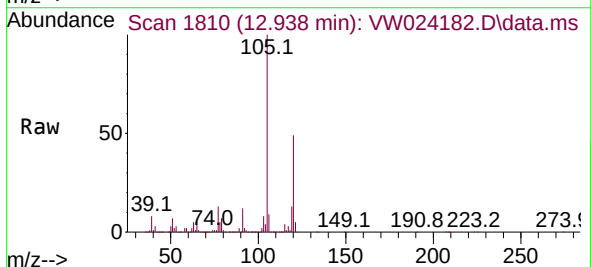
Acq: 05 Aug 2022 09:07

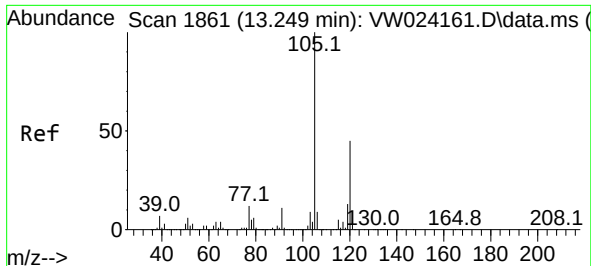
Tgt Ion: 105 Resp: 645427

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5

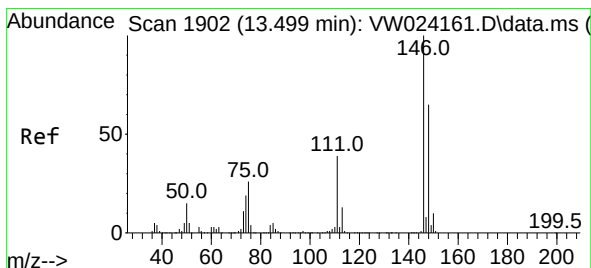
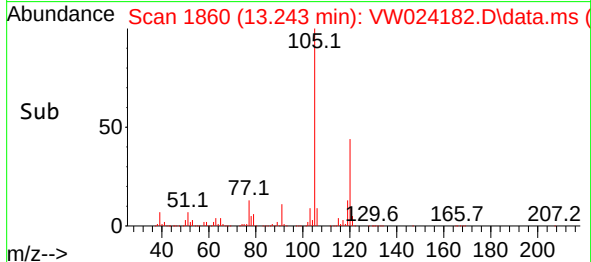
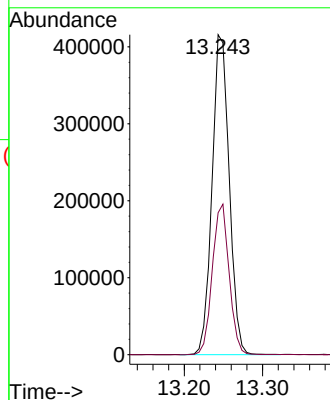
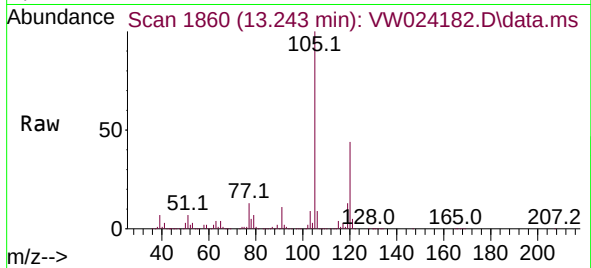




#63
1,2,4-Trimethylbenzene
Concen: 29.091 ug/L
RT: 13.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

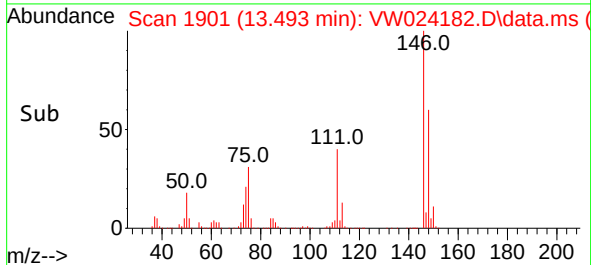
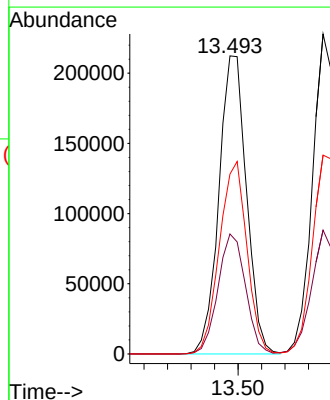
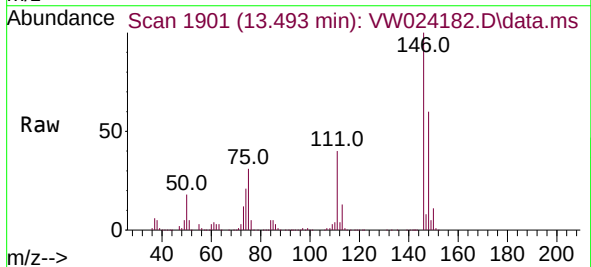
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

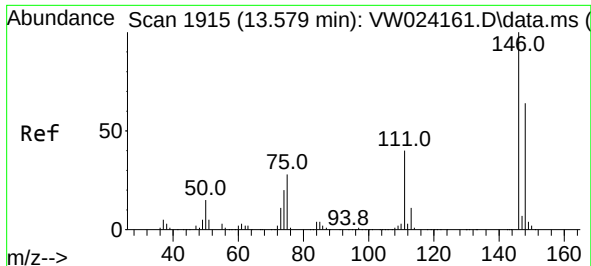
Tgt Ion:105 Resp: 631414
Ion Ratio Lower Upper
105 100
120 46.2 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 26.548 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion:146 Resp: 346703
Ion Ratio Lower Upper
146 100
111 40.3 28.0 52.0
148 60.3 46.5 86.3

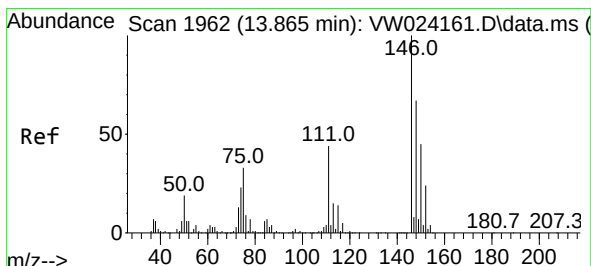
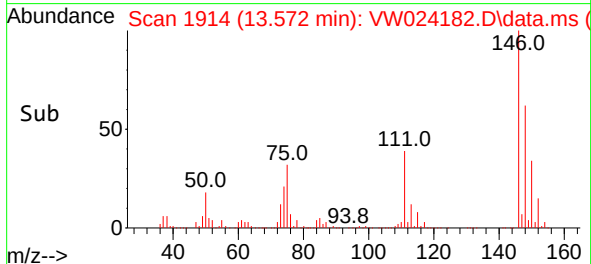
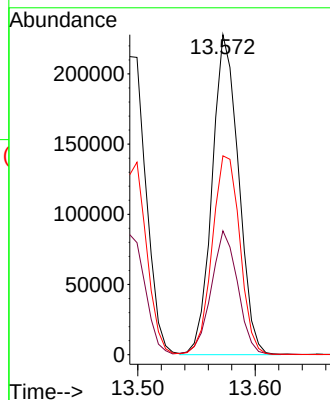
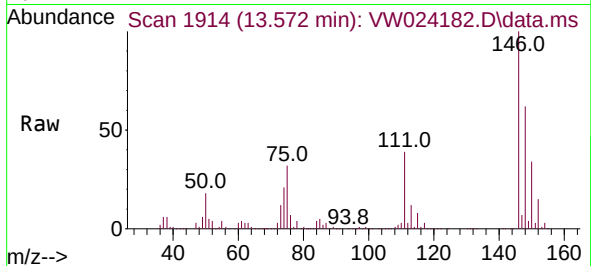




#65
1,4-Dichlorobenzene
Concen: 25.754 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

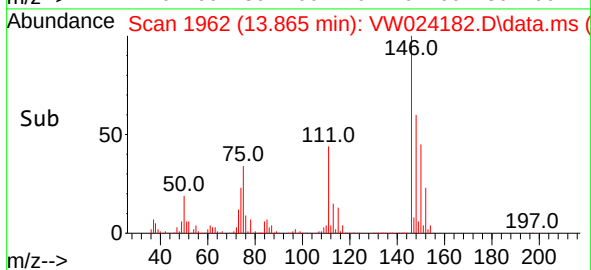
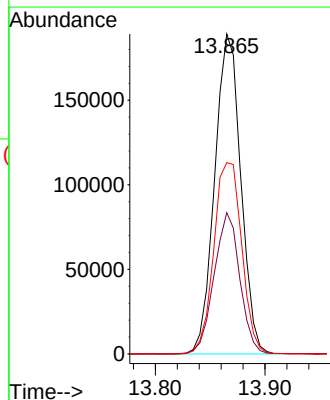
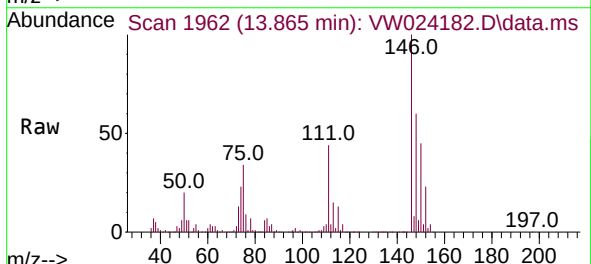
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

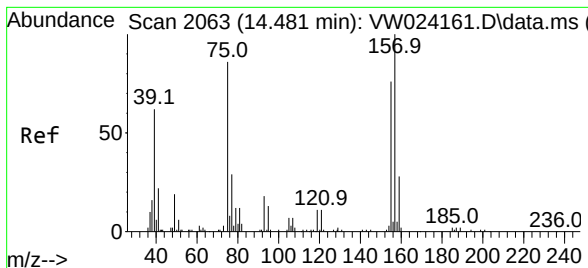
Tgt Ion:146 Resp: 356147
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.4
148 62.2 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 25.267 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion:146 Resp: 313338
Ion Ratio Lower Upper
146 100
111 44.1 29.0 43.6#
148 59.8 47.8 71.8

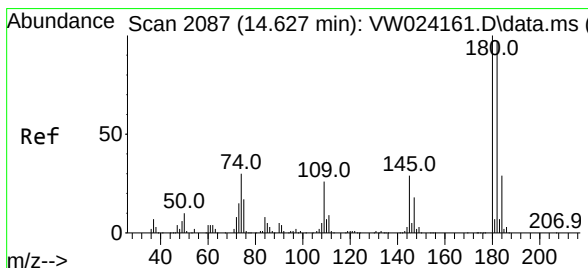
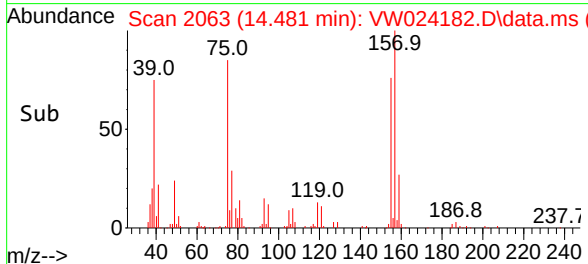
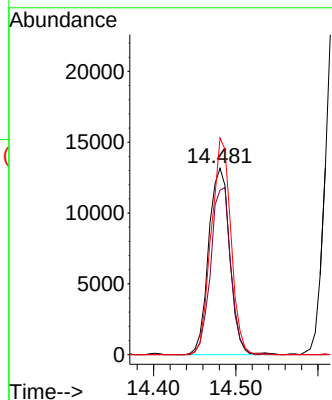
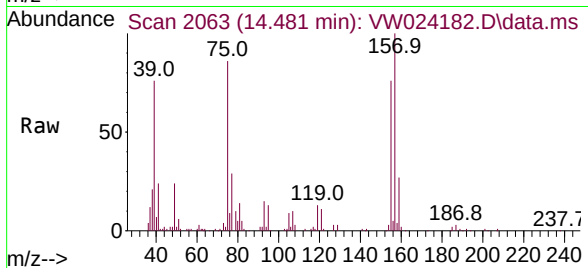




#68
1,2-Dibromo-3-chloropropane
Concen: 22.849 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

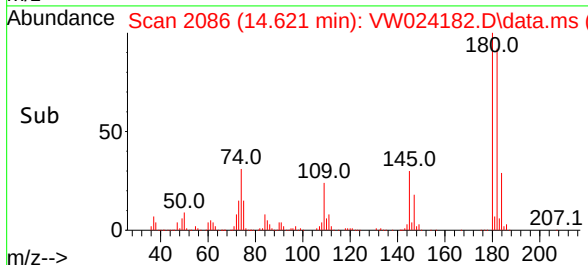
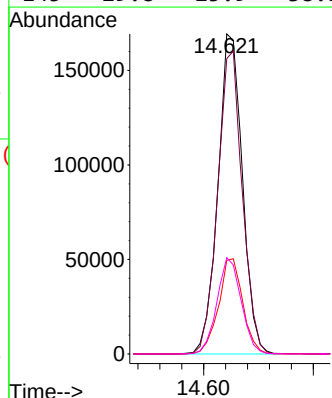
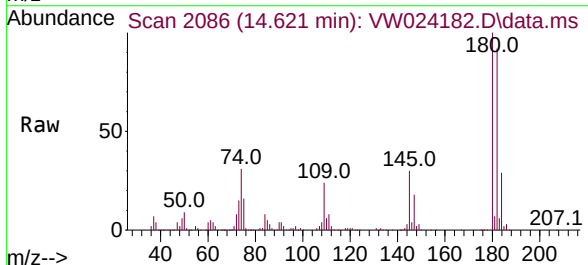
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

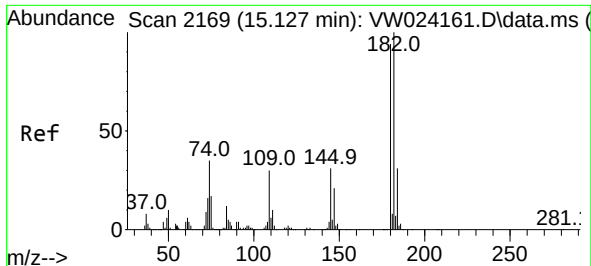
Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
155 88.2 68.8 103.2
157 116.1 91.5 137.3



#69
1,3,5-Trichlorobenzene
Concen: 30.635 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW024182.D
Acq: 05 Aug 2022 09:07

Tgt Ion: 180 Resp: 262341
Ion Ratio Lower Upper
180 100
182 95.0 78.4 117.6
184 29.5 24.7 37.1
145 29.8 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 30.319 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024182.D

Acq: 05 Aug 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

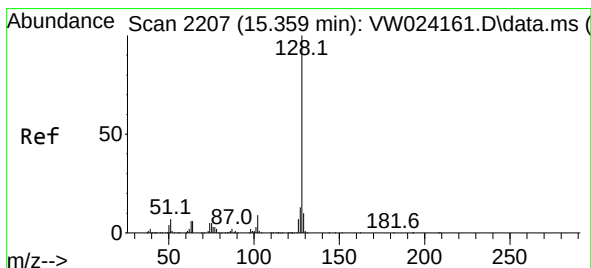
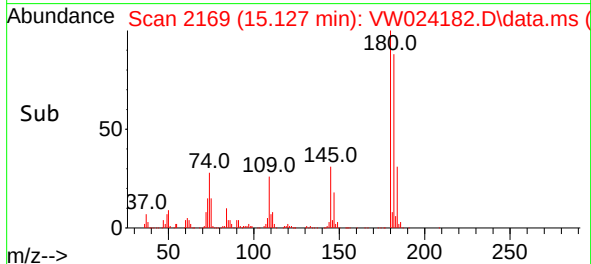
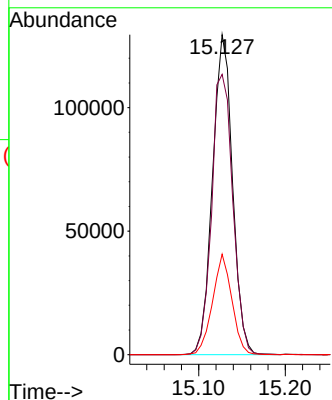
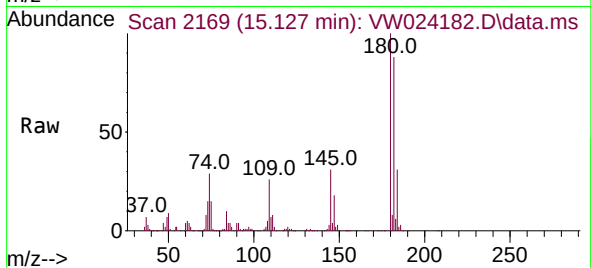
Tgt Ion:180 Resp: 207922

Ion Ratio Lower Upper

180 100

182 92.7 75.0 112.4

145 30.3 25.1 37.7



#71

Naphthalene

Concen: 30.719 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW024182.D

Acq: 05 Aug 2022 09:07

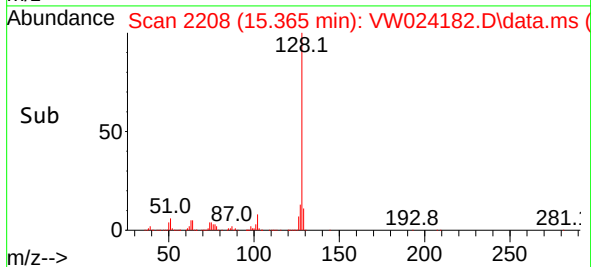
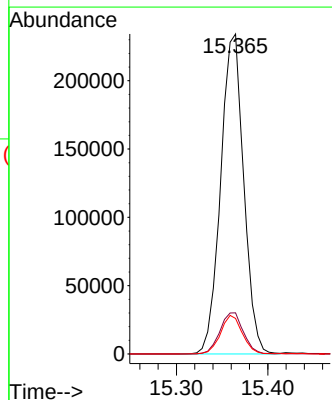
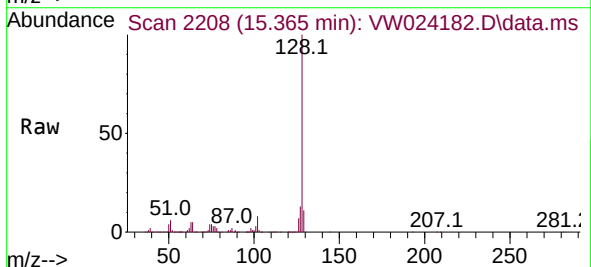
Tgt Ion:128 Resp: 410343

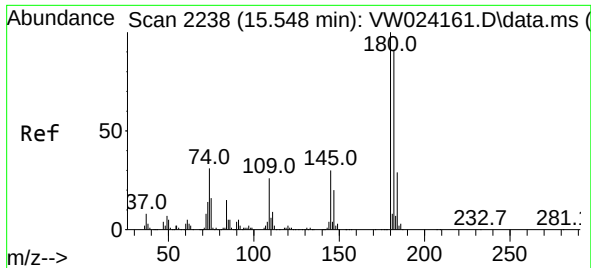
Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.4 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 29.135 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024182.D
 Acq: 05 Aug 2022 09:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.4	113.2
145	31.6	26.9	40.3

