

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081122\
 Data File : VW024224.D
 Acq On : 11 Aug 2022 09:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Aug 12 03:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	326802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	131425	19.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.960%
7) Chloroethane-d5	2.873	69	87820	20.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	4.013	63	165231	21.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.880%
21) 2-Butanone-d5	7.074	46	57531	45.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.540%
24) Chloroform-d	7.641	84	219574	22.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.840%
26) 1,2-Dichloroethane-d4	8.305	65	117166	21.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.360%
32) Benzene-d6	8.268	84	397558	20.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.274	67	115472	20.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.360%
41) Toluene-d8	10.323	98	369311	20.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	10.579	79	52762	21.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.920	63	49502	47.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123285	22.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	154429	22.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	65464	22.769	ug/L	97
3) Chloromethane	2.215	50	126672	23.492	ug/L	98
5) Vinyl chloride	2.355	62	192765	25.681	ug/L	97
6) Bromomethane	2.769	94	105139	24.429	ug/L	92
8) Chloroethane	2.910	64	85471	25.995	ug/L	100
9) Trichlorofluoromethane	3.251	101	102000	28.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	132138	27.534	ug/L	96
12) 1,1-Dichloroethene	4.031	96	107029	27.242	ug/L	90
13) Acetone	4.123	43	46490	49.686	ug/L	65
14) Carbon disulfide	4.379	76	313615	24.945	ug/L	97
15) Methyl Acetate	4.672	43	49921	23.687	ug/L	99
16) Methylene chloride	4.909	84	128277	22.259	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	119014	26.231	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	172225	26.620	ug/L	99
19) 1,1-Dichloroethane	6.208	63	212035	26.530	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	132907	26.673	ug/L #	94
22) 2-Butanone	7.165	43	76999	48.836	ug/L	100
23) Bromochloromethane	7.512	128	66095	26.635	ug/L	93
25) Chloroform	7.671	83	243519	27.651	ug/L	97

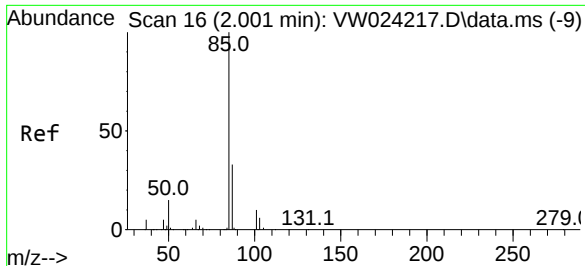
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081122\
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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	157257	26.536	ug/L	99
29) Cyclohexane	7.951	56	174378	26.090	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	201659	27.429	ug/L	98
31) Carbon tetrachloride	8.061	117	192425	27.743	ug/L	99
33) Benzene	8.317	78	505113	26.233	ug/L	100
34) Trichloroethene	9.085	95	130922	25.724	ug/L	96
35) Methylcyclohexane	9.329	83	214682	26.899	ug/L	98
37) 1,2-Dichloropropane	9.366	63	124020	26.056	ug/L	98
38) Bromodichloromethane	9.640	83	174812	26.186	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	190073	27.143	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	163921	51.891	ug/L	99
42) Toluene	10.384	91	549520	26.856	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	174861	27.328	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	102557	25.564	ug/L	97
46) Tetrachloroethene	10.859	164	108147	26.248	ug/L	96
48) 2-Hexanone	10.963	43	119065	55.539	ug/L	99
49) Dibromochloromethane	11.128	129	130303	26.979	ug/L	93
50) 1,2-Dibromoethane	11.231	107	99906	25.992	ug/L	94
51) Chlorobenzene	11.652	112	374542	26.791	ug/L	98
52) Ethylbenzene	11.731	91	609032	27.167	ug/L	100
53) m,p-Xylene	11.835	106	240794	27.594	ug/L	98
54) o-Xylene	12.164	106	228345	27.698	ug/L	95
55) Styrene	12.176	104	411926	28.730	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	128526	25.634	ug/L	97
59) Bromoform	12.347	173	75069	25.754	ug/L	98
60) Isopropylbenzene	12.463	105	620347	26.816	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	92564	24.339	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	547971	28.664	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	528211	28.055	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	305860	27.000	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	316223	26.362	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	287977	26.771	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20858	23.474	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	212885	28.659	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	164476	27.649	ug/L	96
71) Naphthalene	15.359	128	328429	28.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	144706	26.719	ug/L	99

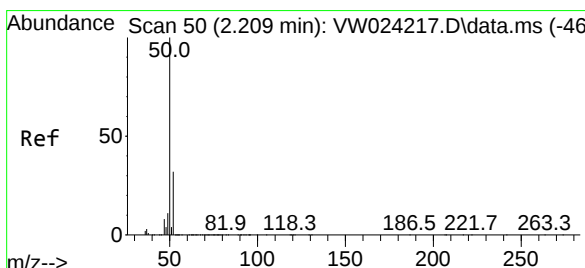
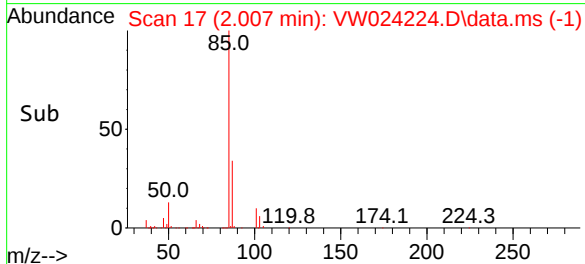
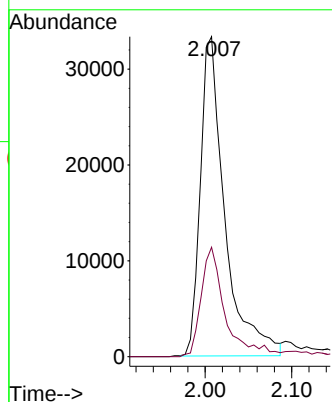
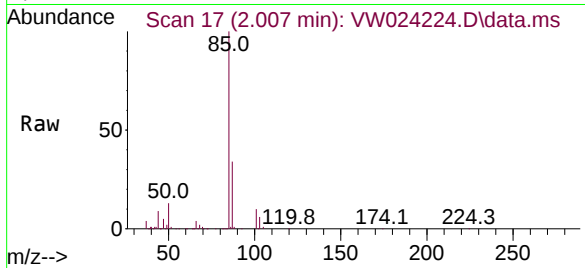
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 22.769 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

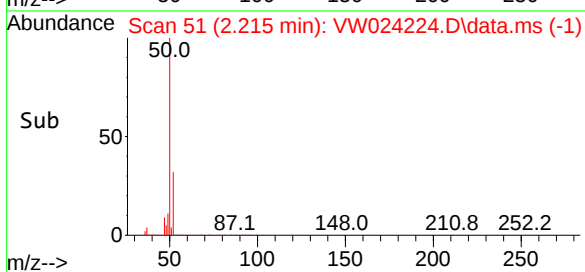
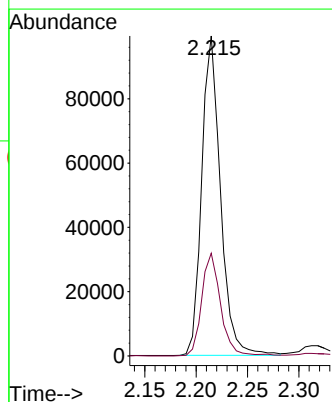
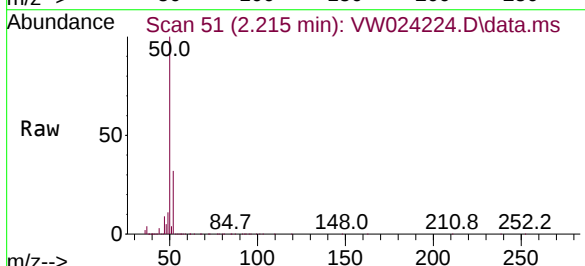
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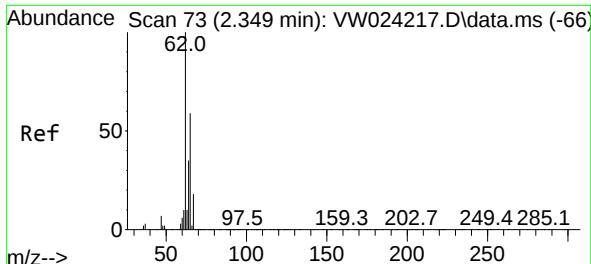
Tgt Ion: 85 Resp: 65464
 Ion Ratio Lower Upper
 85 100
 87 32.2 24.5 36.7



#3
 Chloromethane
 Concen: 23.492 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

Tgt Ion: 50 Resp: 126672
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.2 43.2

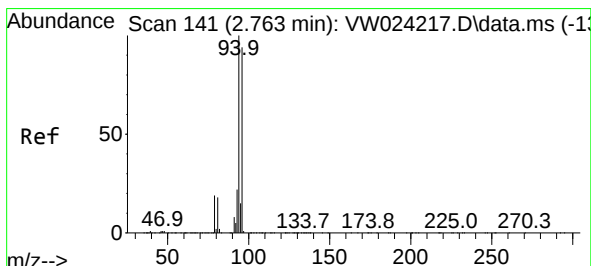
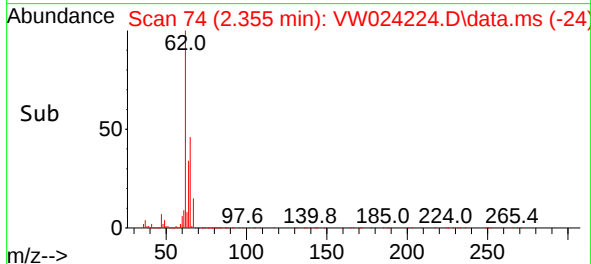
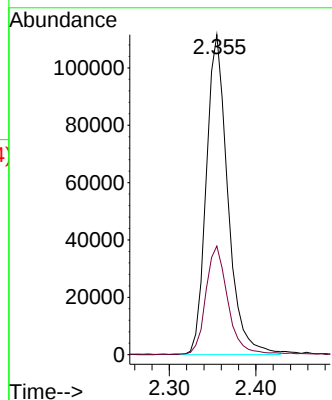
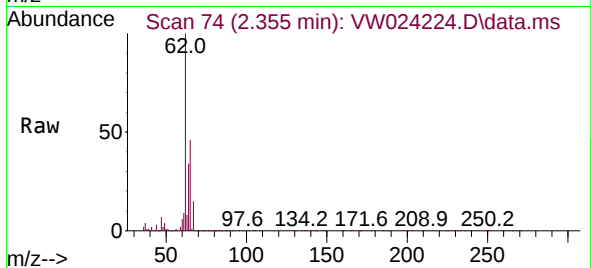




#5
 Vinyl chloride
 Concen: 25.681 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

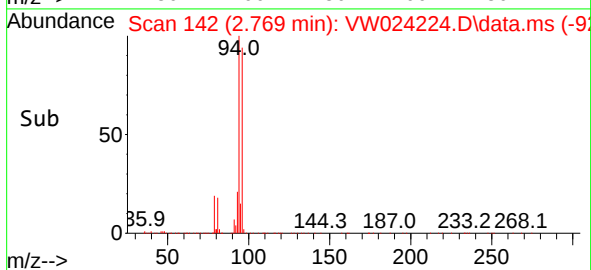
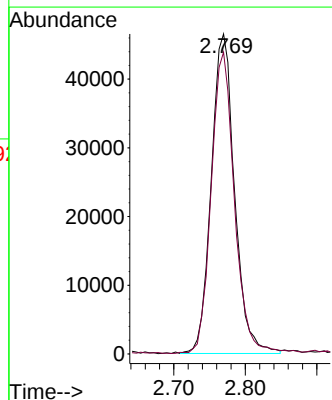
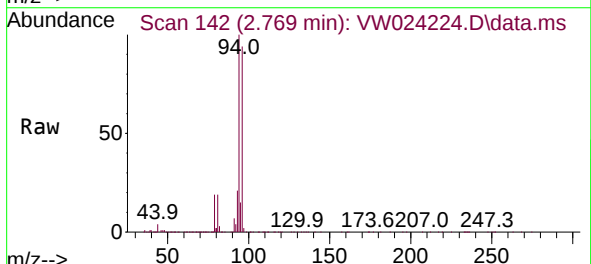
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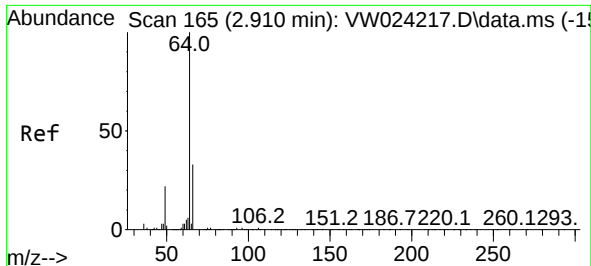
Tgt Ion: 62 Resp: 192765
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.7 42.3



#6
 Bromomethane
 Concen: 24.429 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

Tgt Ion: 94 Resp: 105139
 Ion Ratio Lower Upper
 94 100
 96 94.3 61.0 113.4

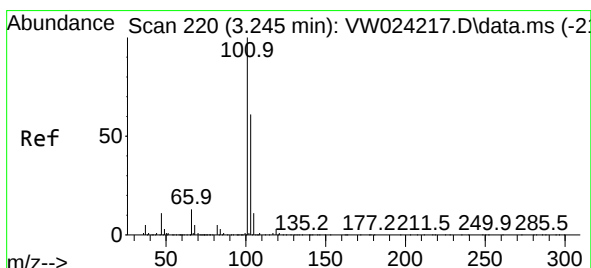
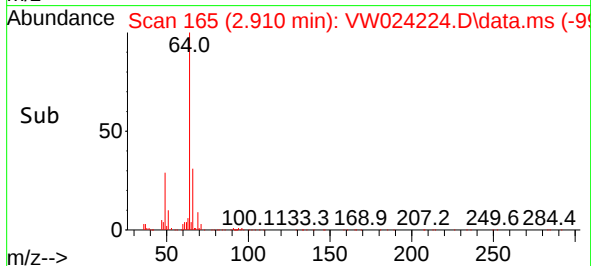
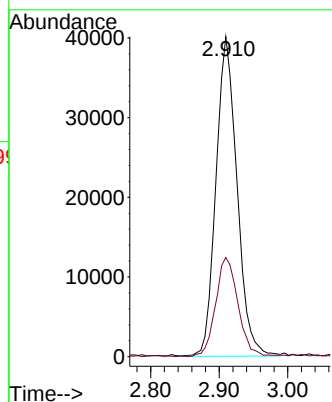
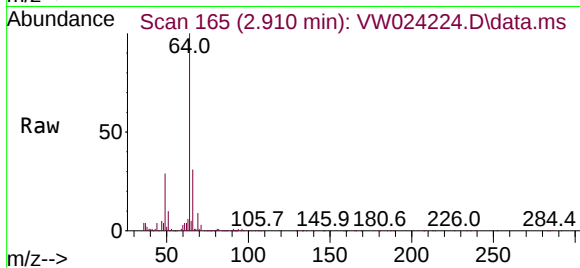




#8
Chloroethane
Concen: 25.995 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

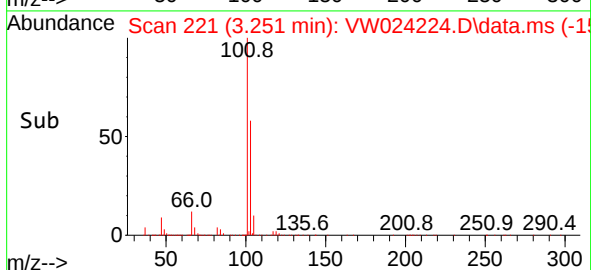
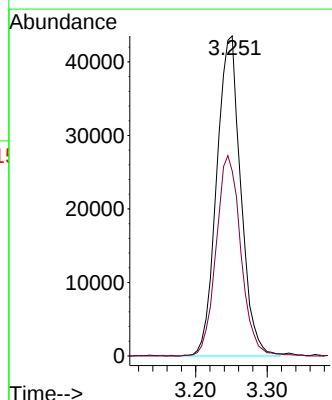
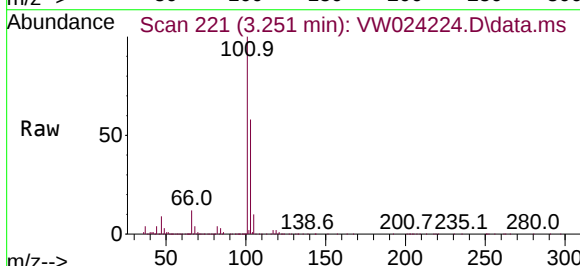
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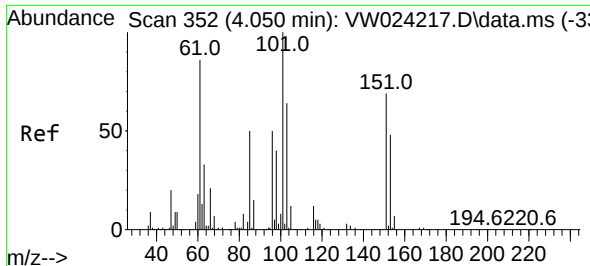
Tgt Ion: 64 Resp: 85471
Ion Ratio Lower Upper
64 100
66 31.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 28.666 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.012 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 101 Resp: 102000
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

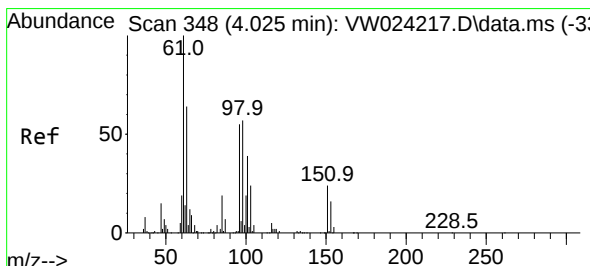
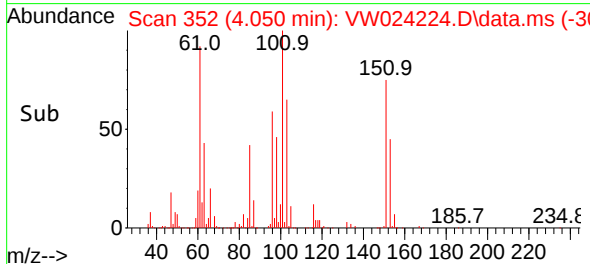
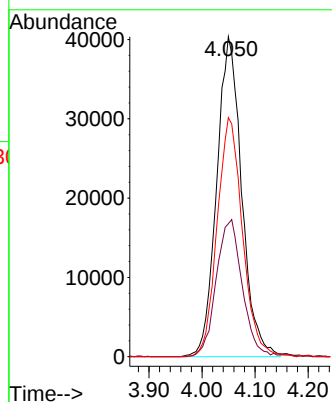
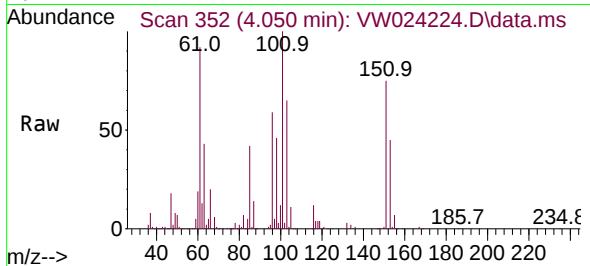




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.534 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

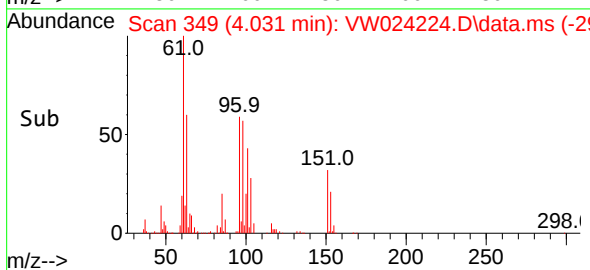
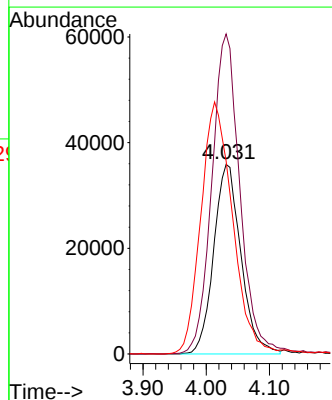
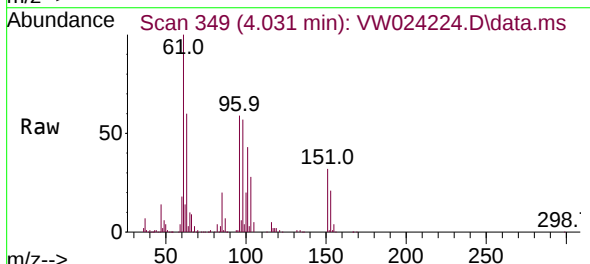
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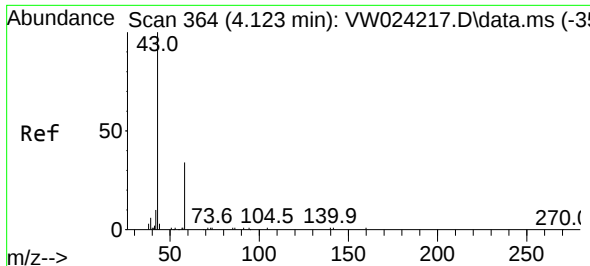
Tgt Ion: 101 Resp: 132138
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.9 52.3
 151 75.7 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 27.242 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024224.D
 Acq: 11 Aug 2022 09:08

Tgt Ion: 96 Resp: 107029
 Ion Ratio Lower Upper
 96 100
 61 168.8 123.1 228.5
 63 101.8 84.9 157.7

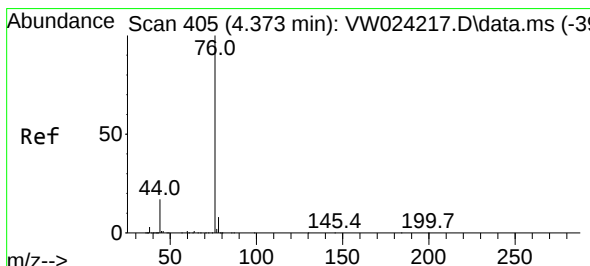
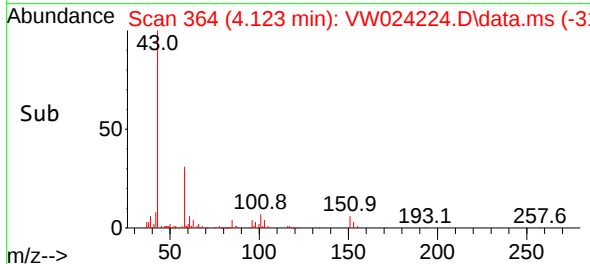
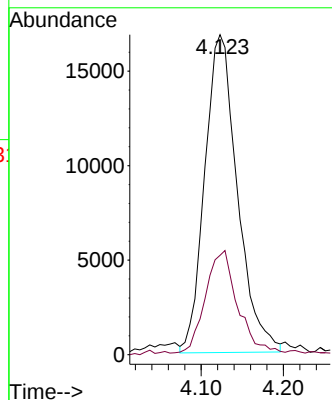
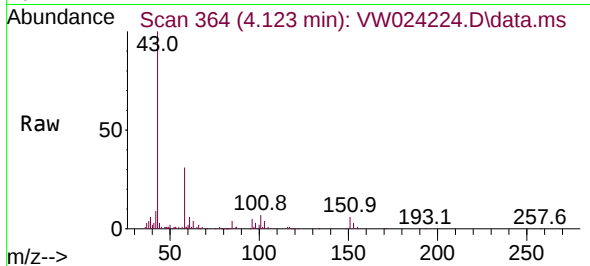




#13
Acetone
Concen: 49.686 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

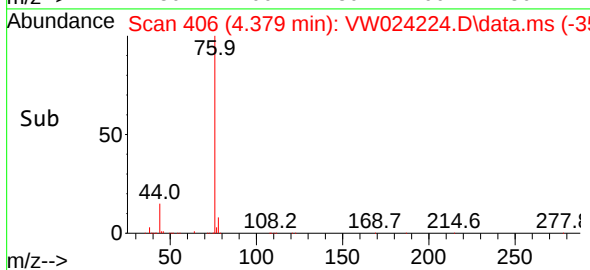
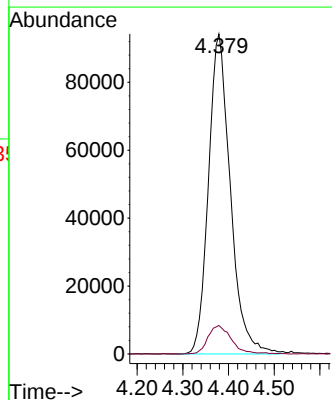
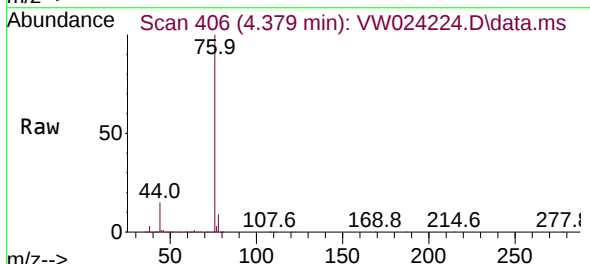
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VSTD025530

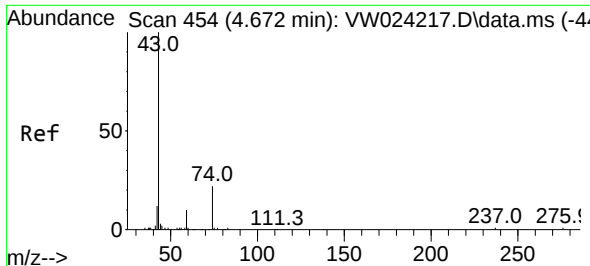
Tgt Ion: 43 Resp: 46490
Ion Ratio Lower Upper
43 100
58 30.6 0.0 31.8



#14
Carbon disulfide
Concen: 24.945 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 76 Resp: 313615
Ion Ratio Lower Upper
76 100
78 8.9 7.9 11.9

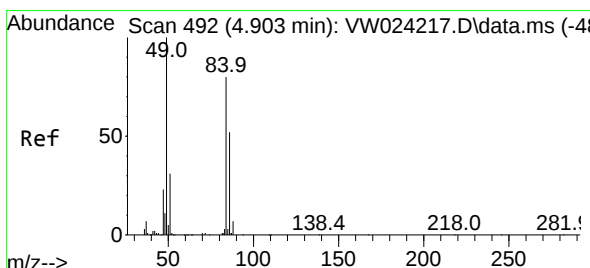
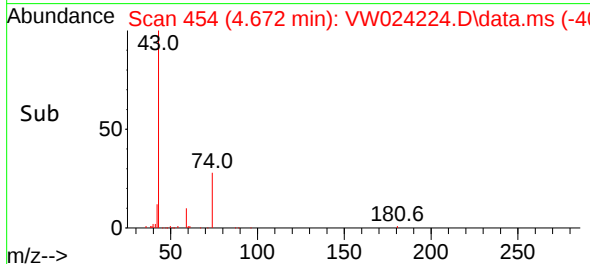
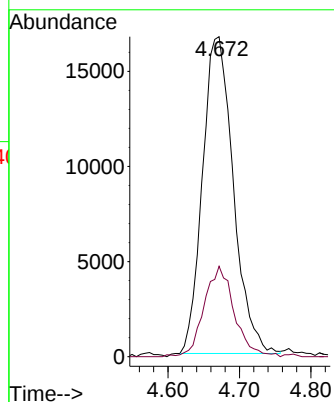
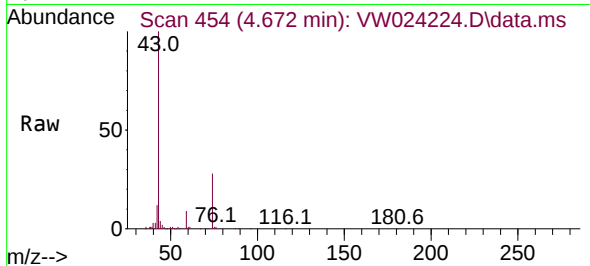




#15
Methyl Acetate
Concen: 23.687 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

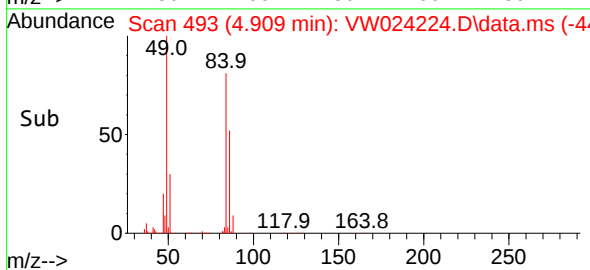
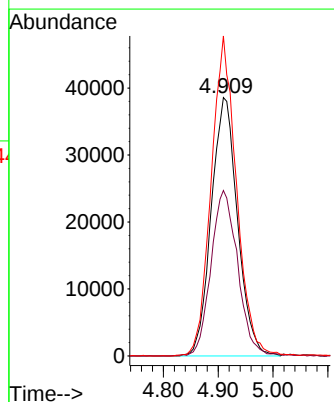
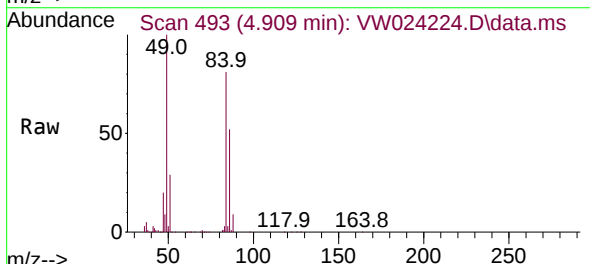
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

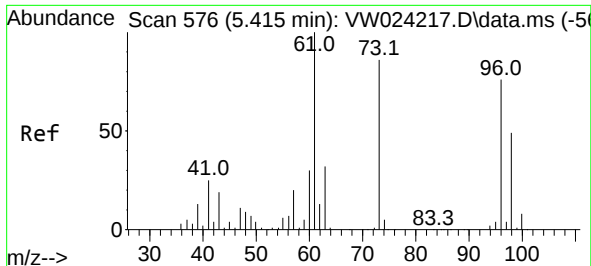
Tgt Ion: 43 Resp: 49921
Ion Ratio Lower Upper
43 100
74 27.5 21.5 32.3



#16
Methylene chloride
Concen: 22.259 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 84 Resp: 128277
Ion Ratio Lower Upper
84 100
86 64.0 42.8 79.6
49 123.8 85.3 158.3

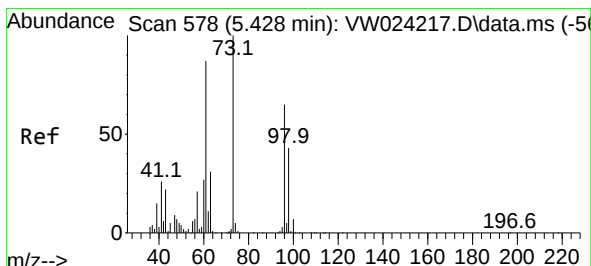
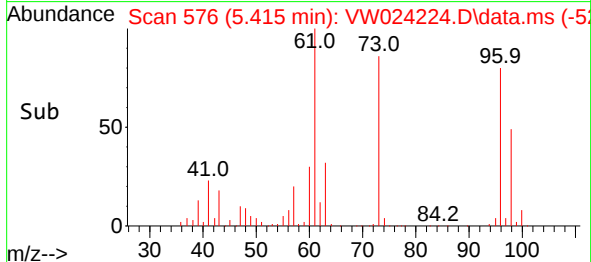
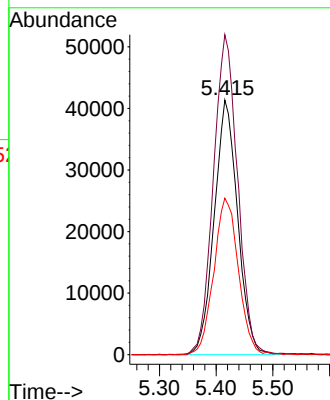
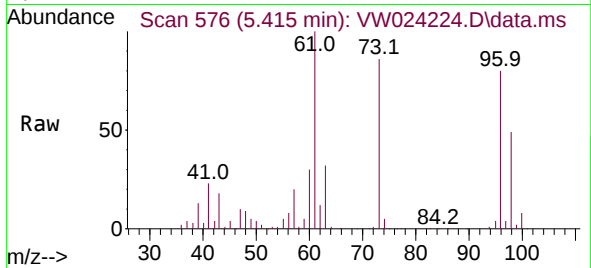




#17
trans-1,2-Dichloroethene
Concen: 26.231 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

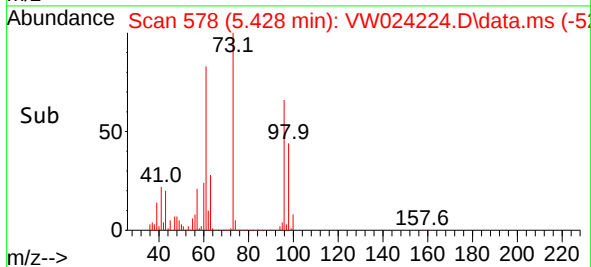
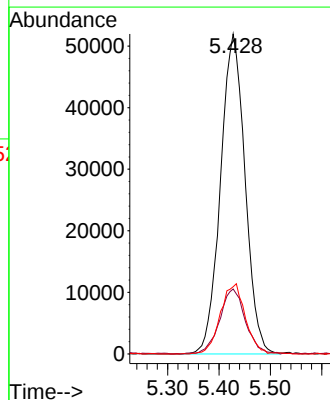
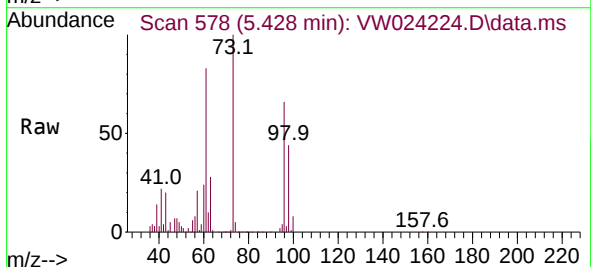
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

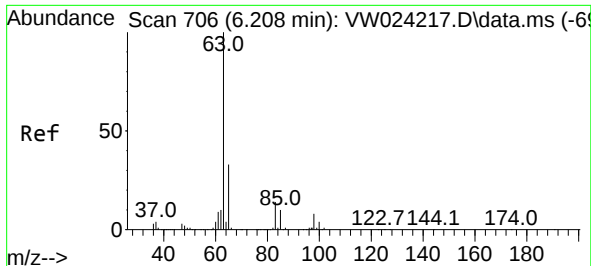
Tgt Ion: 96 Resp: 119014
Ion Ratio Lower Upper
96 100
61 125.6 93.0 172.8
98 61.4 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 26.620 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 73 Resp: 172225
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 26.530 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

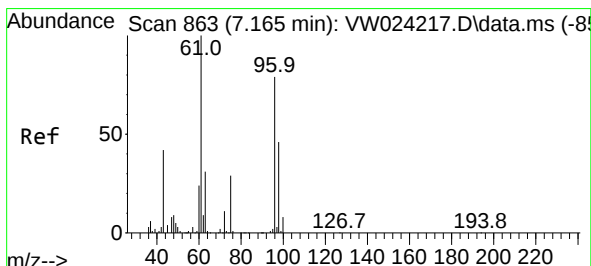
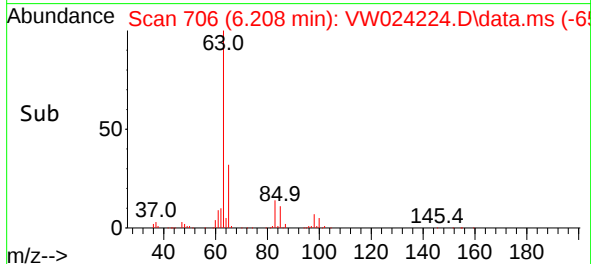
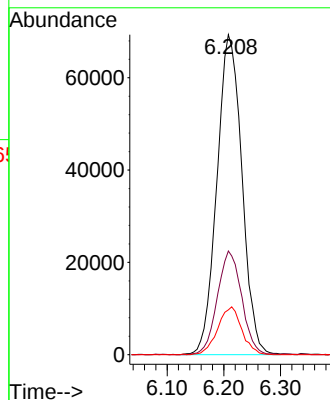
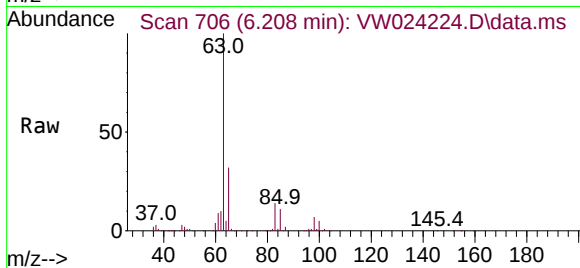
Tgt Ion: 63 Resp: 212035

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

83 14.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.673 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

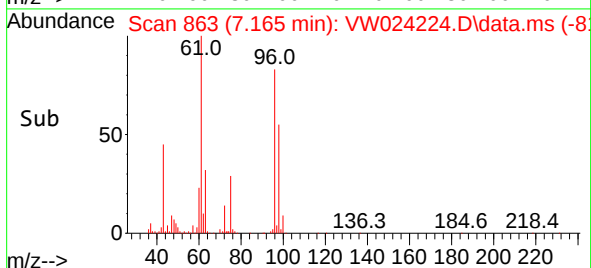
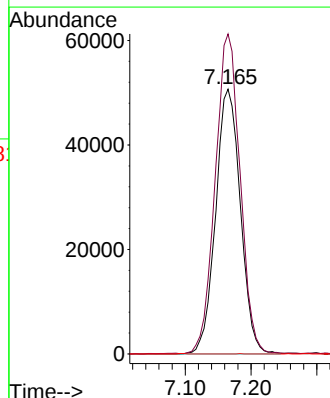
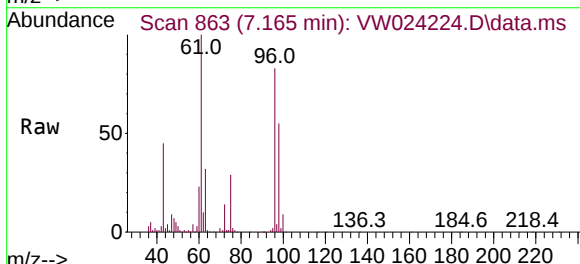
Tgt Ion: 96 Resp: 132907

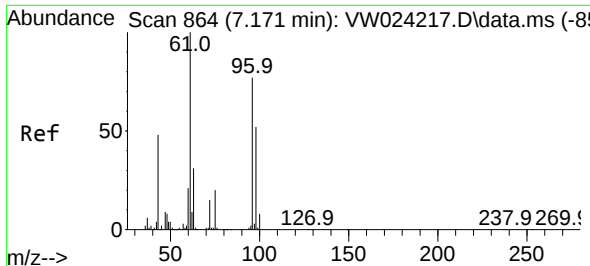
Ion Ratio Lower Upper

96 100

61 120.9 89.5 166.3

68 0.0 0.1 0.1#

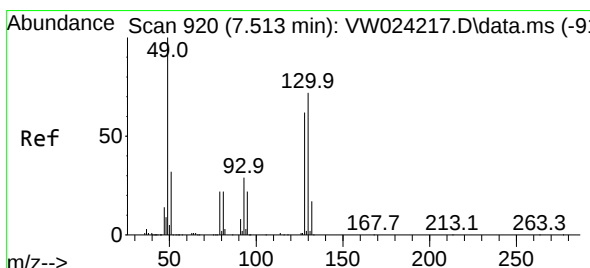
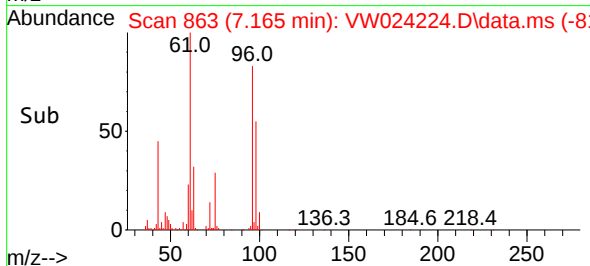
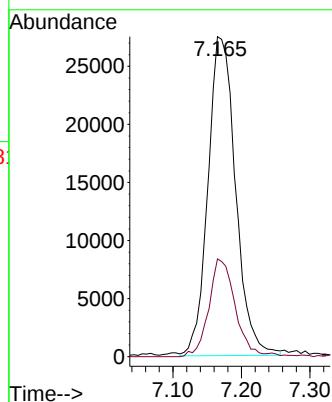
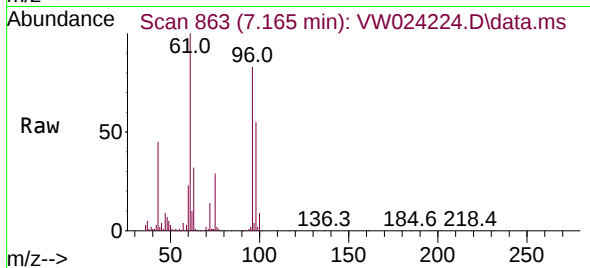




#22
2-Butanone
Concen: 48.836 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

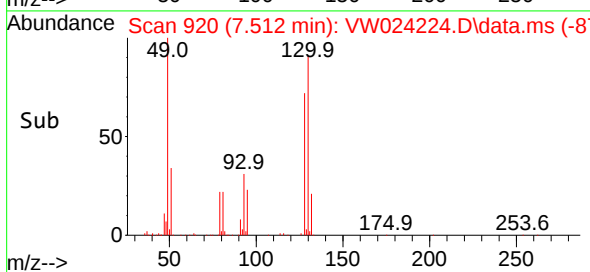
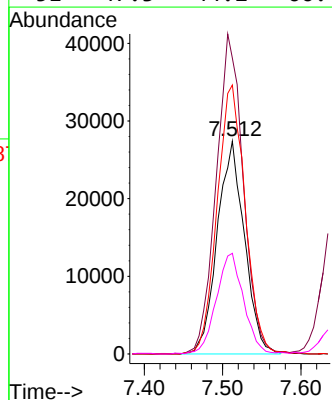
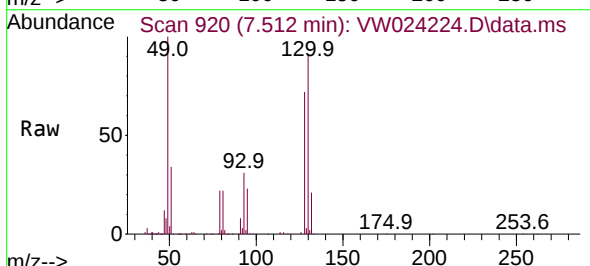
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

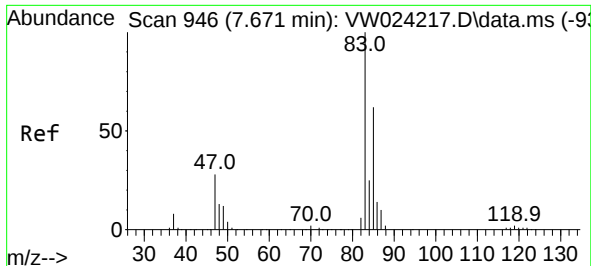
Tgt Ion: 43 Resp: 76999
Ion Ratio Lower Upper
43 100
72 28.8 14.3 42.9



#23
Bromochloromethane
Concen: 26.635 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 128 Resp: 66095
Ion Ratio Lower Upper
128 100
49 139.0 106.6 198.0
130 126.4 88.1 163.5
51 47.3 44.2 66.4

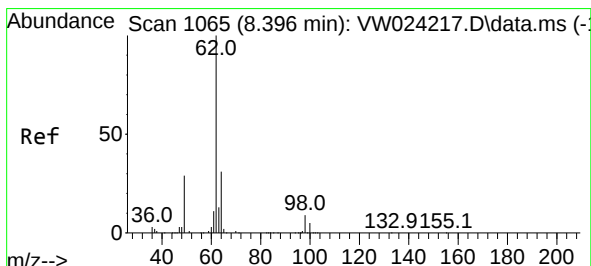
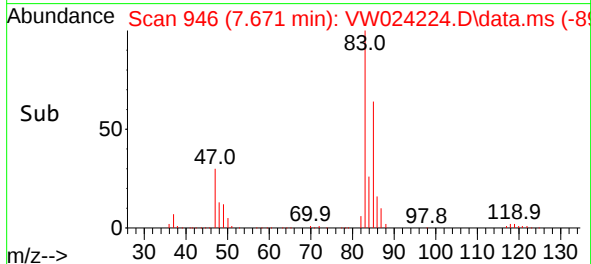
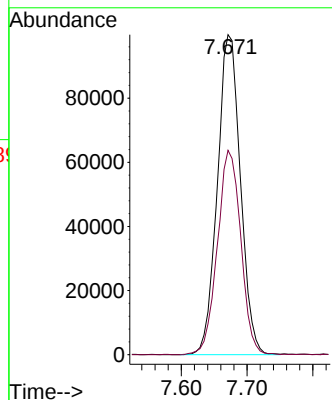
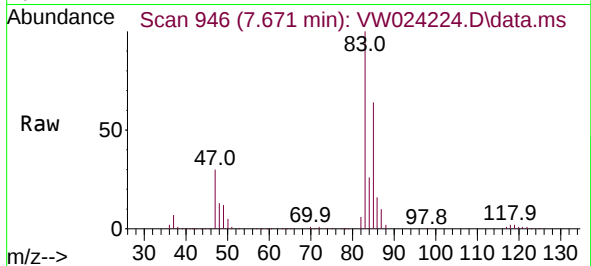




#25
Chloroform
Concen: 27.651 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

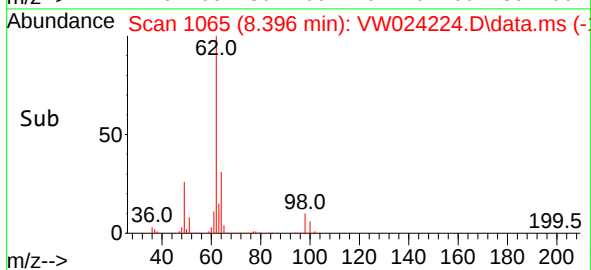
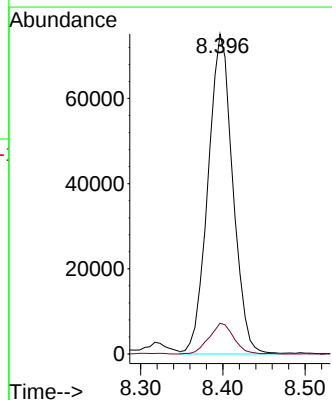
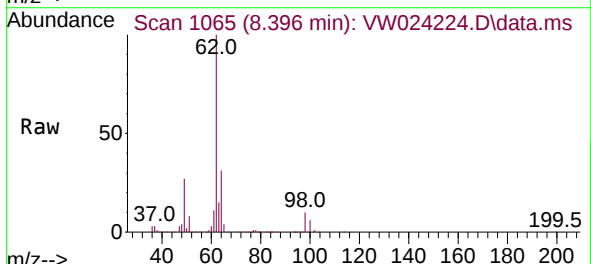
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

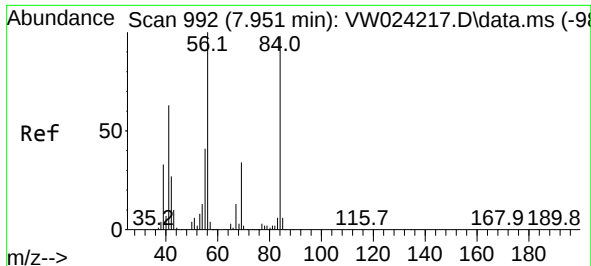
Tgt Ion: 83 Resp: 243519
Ion Ratio Lower Upper
83 100
85 63.8 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.536 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 62 Resp: 157257
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0

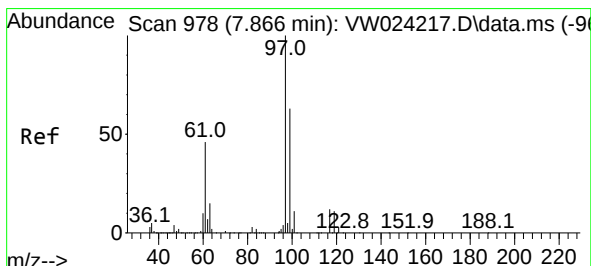
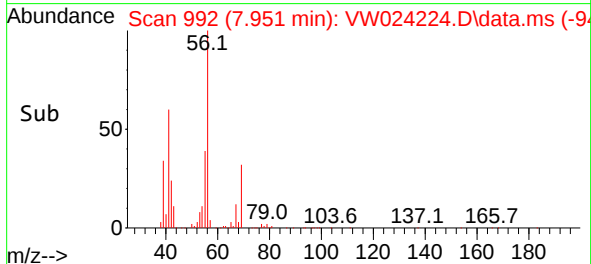
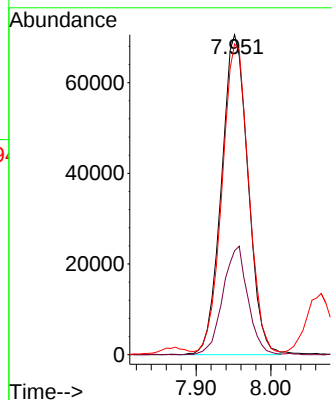
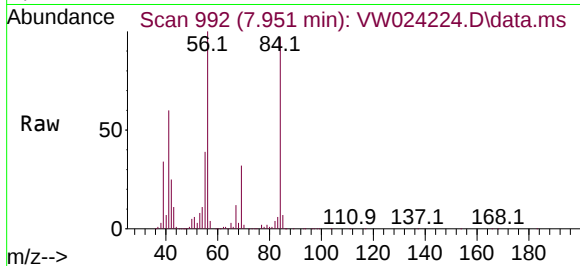




#29
Cyclohexane
Concen: 26.090 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

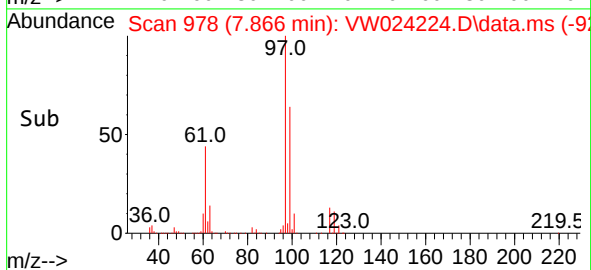
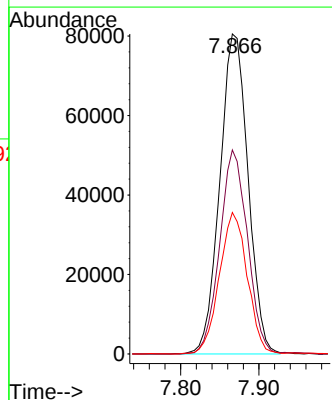
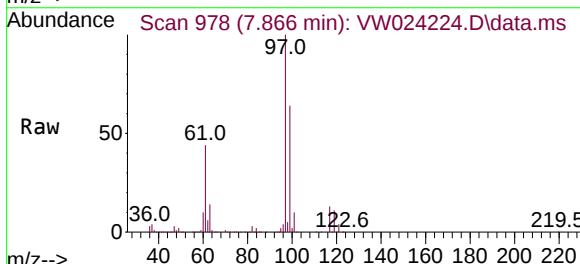
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

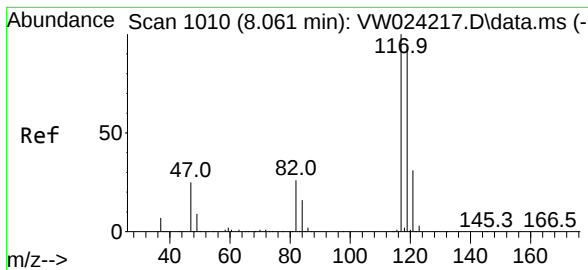
Tgt Ion: 56 Resp: 174378
Ion Ratio Lower Upper
56 100
69 31.9 24.5 36.7
84 97.8 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 27.429 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 97 Resp: 201659
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 43.8 36.2 54.2

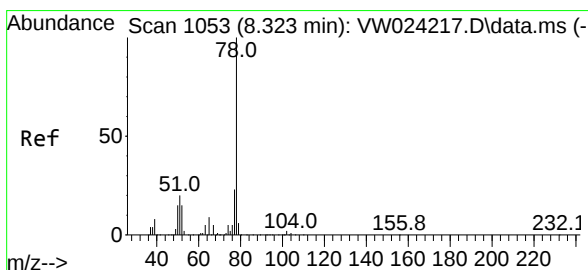
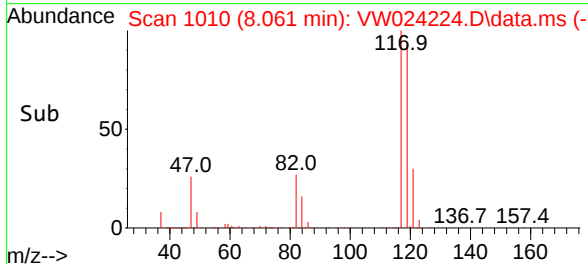
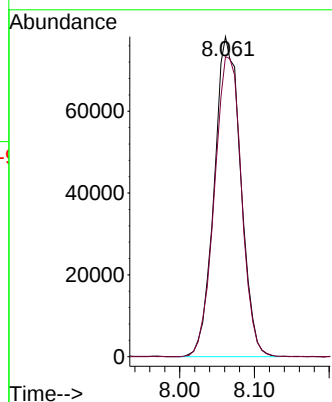
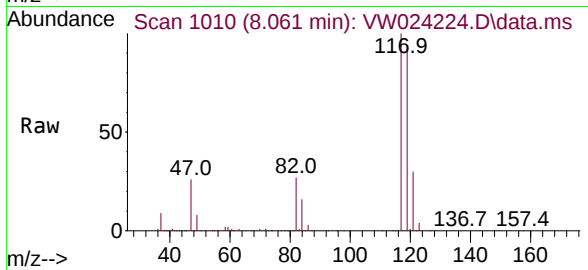




#31
Carbon tetrachloride
Concen: 27.743 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

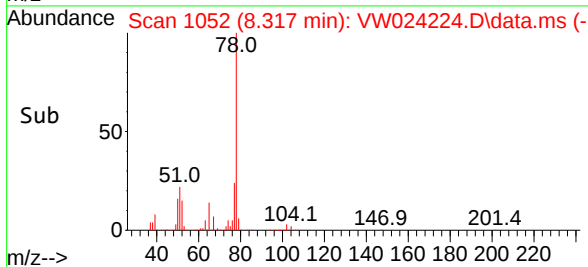
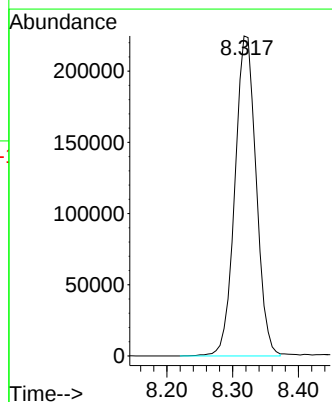
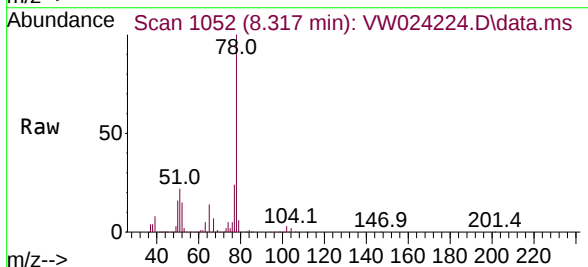
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

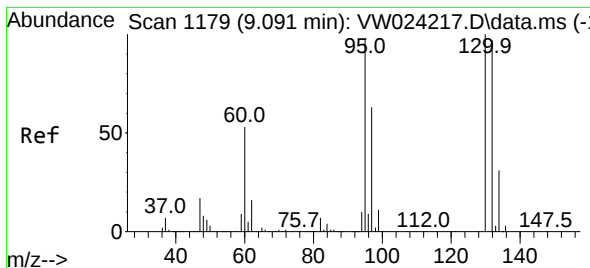
Tgt Ion:117 Resp: 192425
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 26.233 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 78 Resp: 505113





#34

Trichloroethene

Concen: 25.724 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

Tgt Ion: 95 Resp: 130922

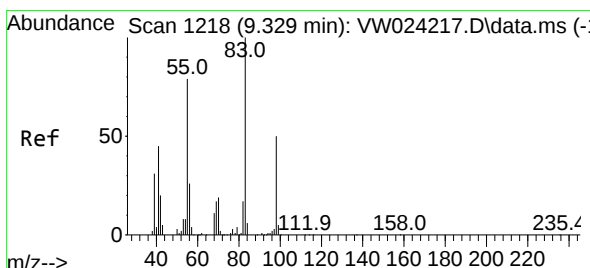
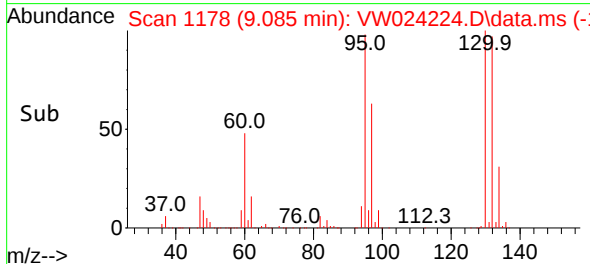
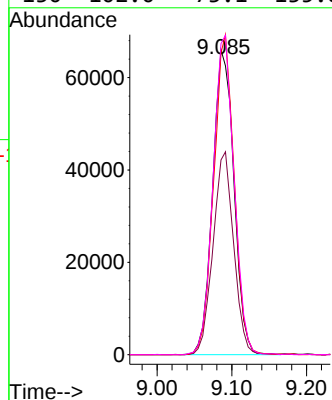
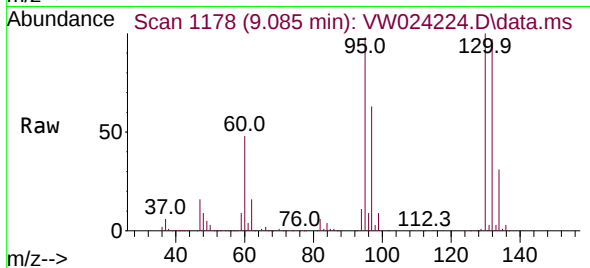
Ion Ratio Lower Upper

95 100

97 63.9 41.6 77.2

132 99.0 67.0 124.4

130 102.0 73.1 135.8



#35

Methylcyclohexane

Concen: 26.899 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

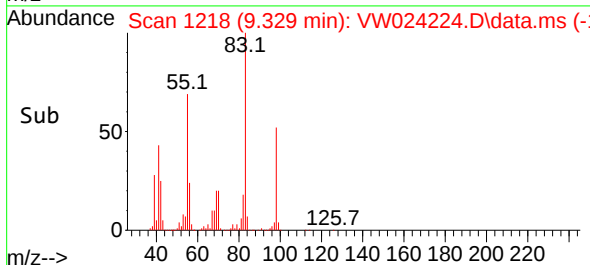
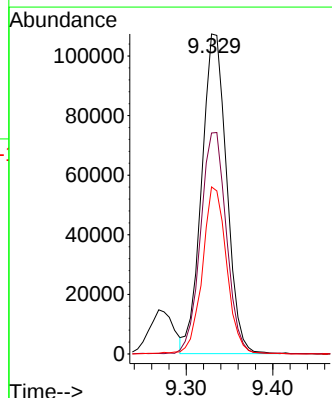
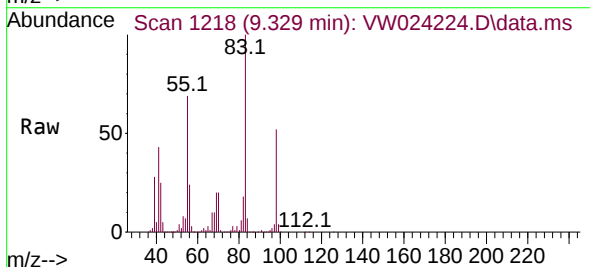
Tgt Ion: 83 Resp: 214682

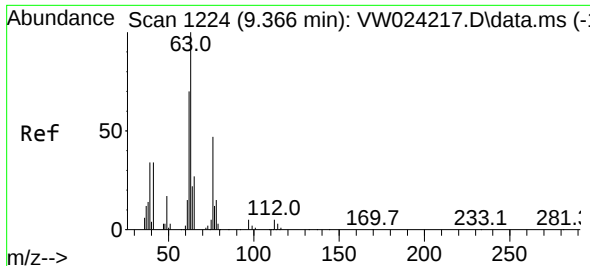
Ion Ratio Lower Upper

83 100

55 71.6 59.1 88.7

98 50.9 40.8 61.2

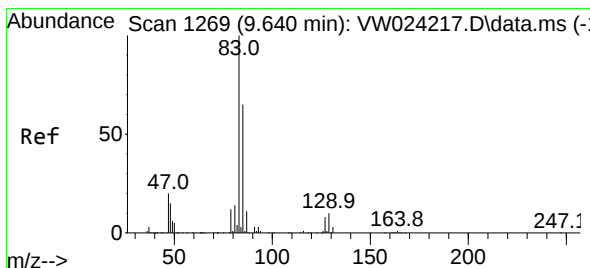
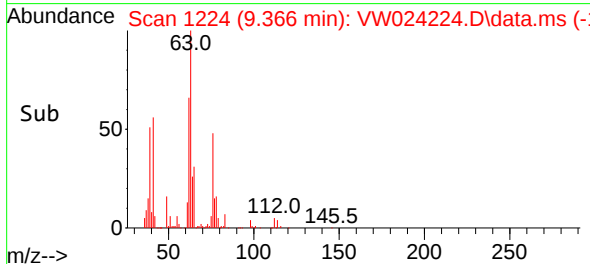
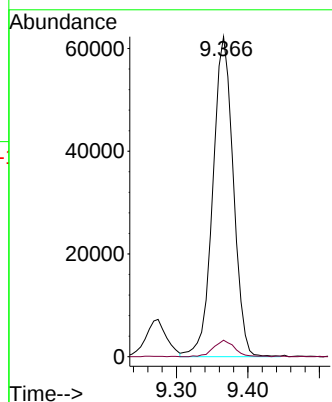
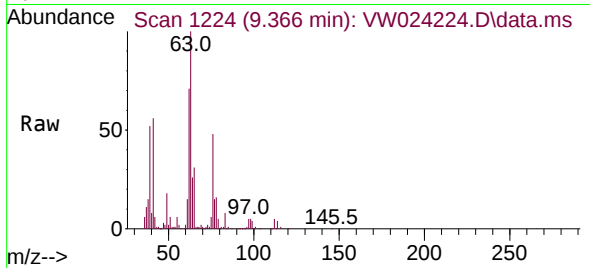




#37
1,2-Dichloropropane
Concen: 26.056 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

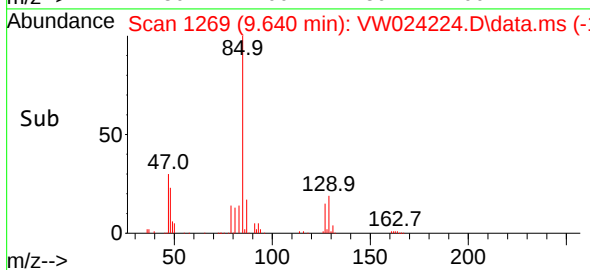
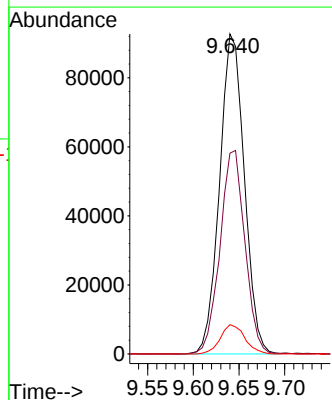
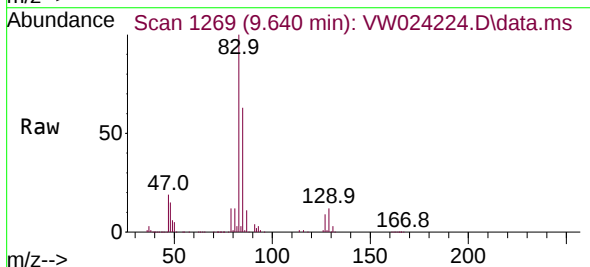
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

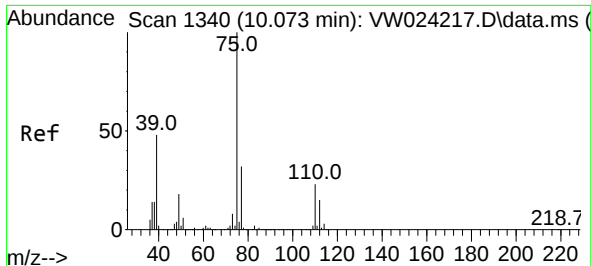
Tgt Ion: 63 Resp: 124020
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.6



#38
Bromodichloromethane
Concen: 26.186 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 83 Resp: 174812
Ion Ratio Lower Upper
83 100
85 62.7 43.7 81.1
127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 27.143 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

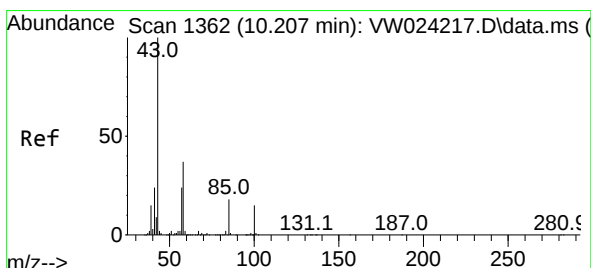
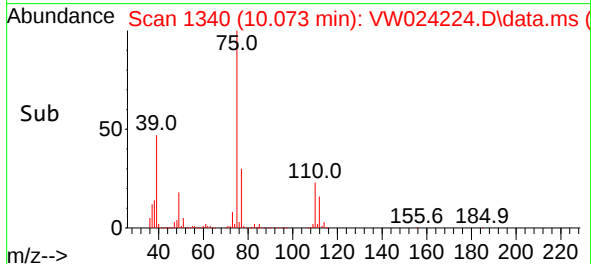
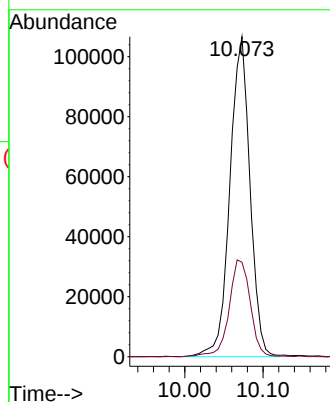
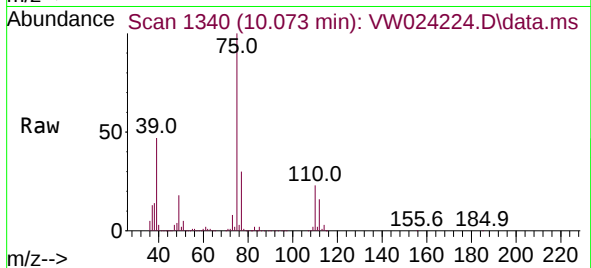
VSTD025530

Tgt Ion: 75 Resp: 190073

Ion Ratio Lower Upper

75 100

77 29.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 51.891 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

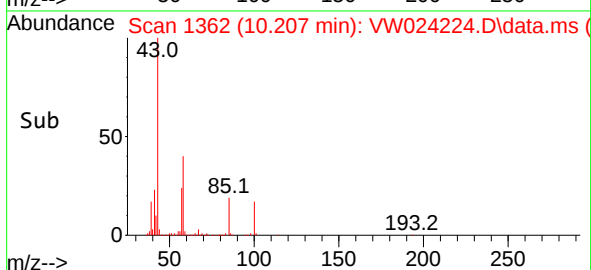
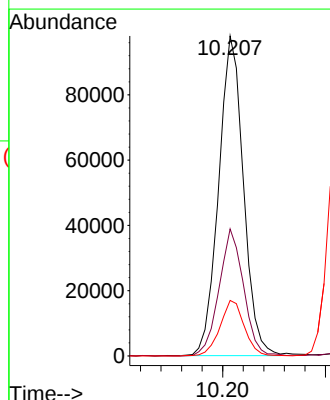
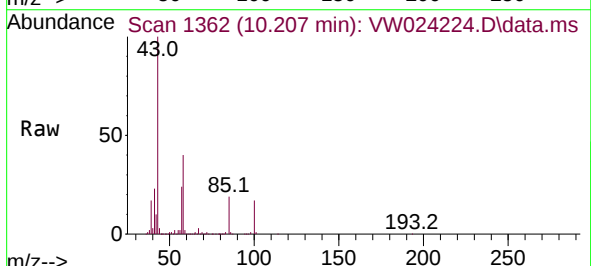
Tgt Ion: 43 Resp: 163921

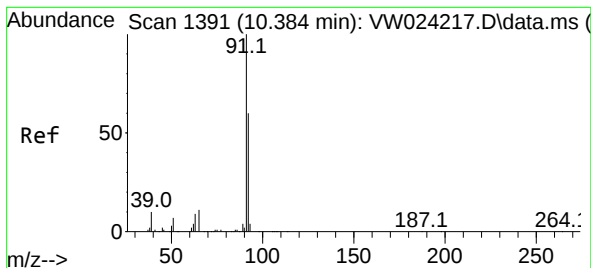
Ion Ratio Lower Upper

43 100

58 39.2 30.5 45.7

100 17.2 13.8 20.6





#42

Toluene

Concen: 26.856 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

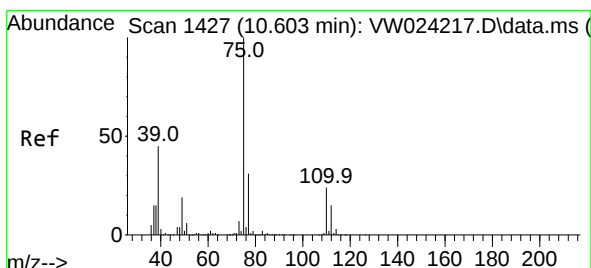
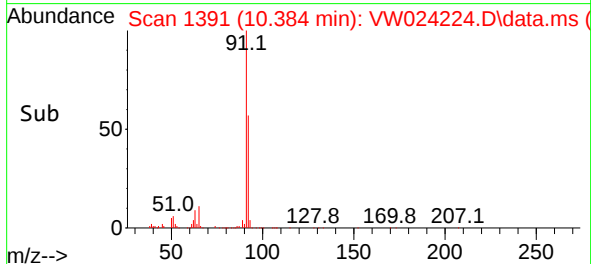
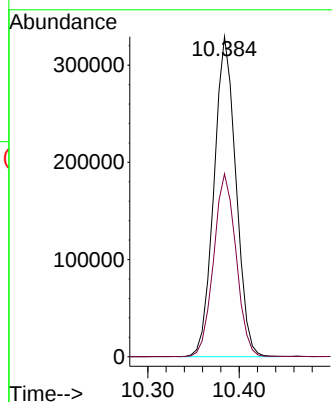
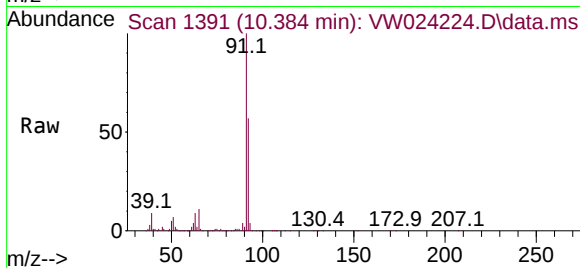
VSTD025530

Tgt Ion: 91 Resp: 549520

Ion Ratio Lower Upper

91 100

92 57.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 27.328 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024224.D

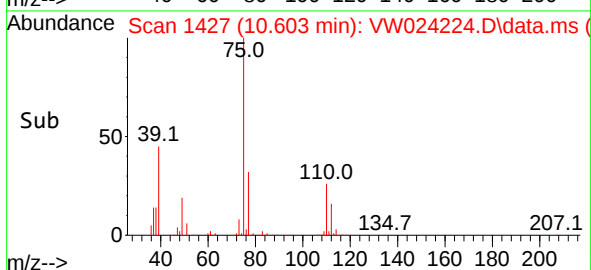
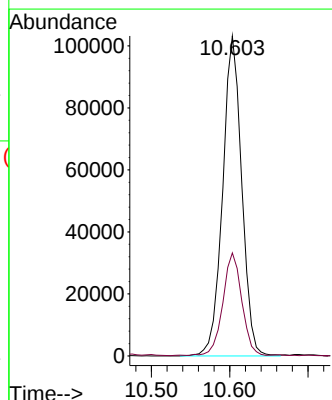
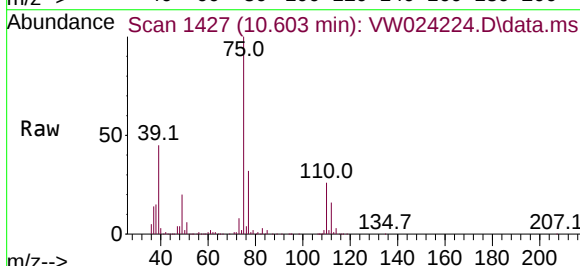
Acq: 11 Aug 2022 09:08

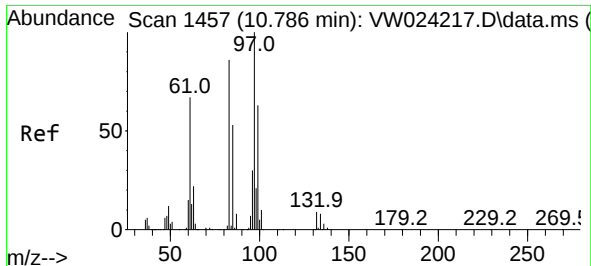
Tgt Ion: 75 Resp: 174861

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



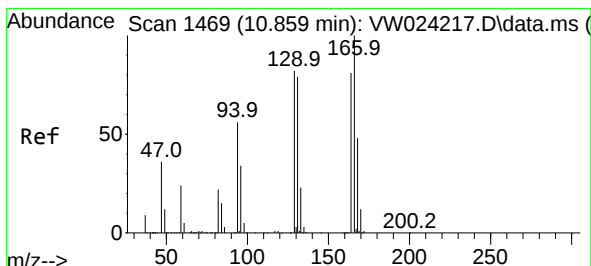
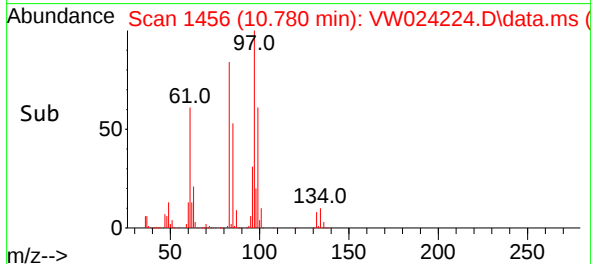
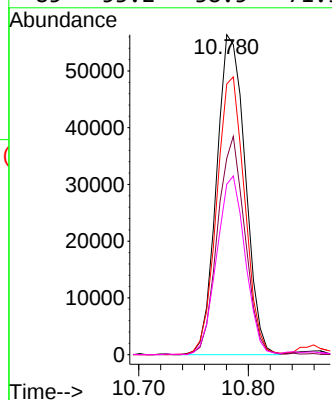
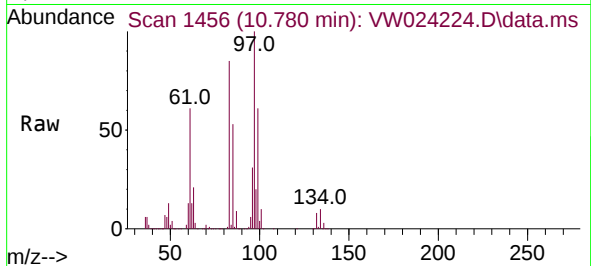


#45
1,1,2-Trichloroethane
Concen: 25.564 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Tgt Ion: 97 Resp: 102557

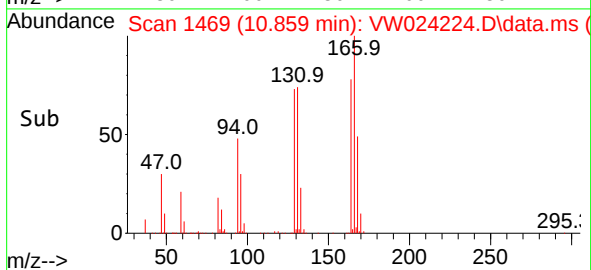
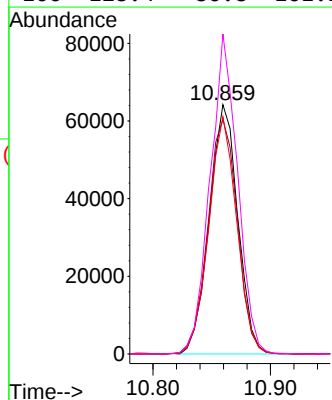
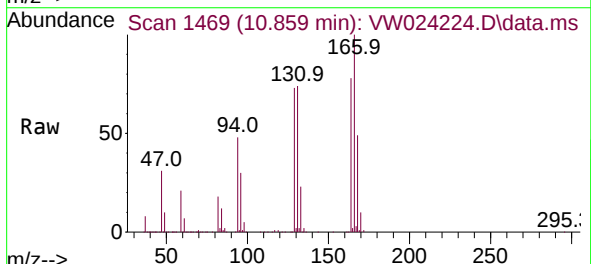
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	84.6	56.4	104.7
85	53.2	38.5	71.5

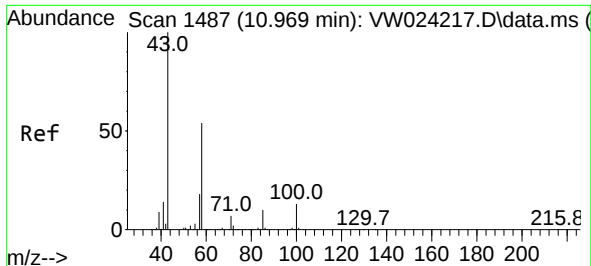


#46
Tetrachloroethene
Concen: 26.248 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 164 Resp: 108147

Ion	Ratio	Lower	Upper
164	100		
129	94.1	63.1	117.3
131	95.2	63.9	118.7
166	128.4	86.8	161.2



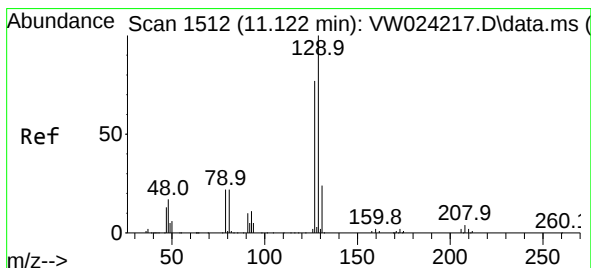
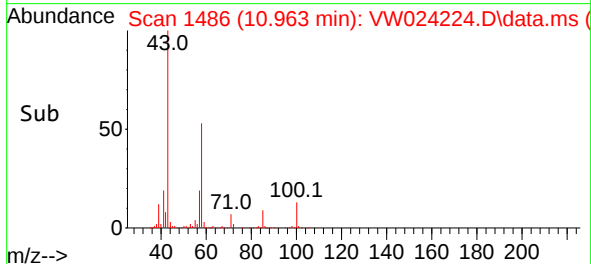
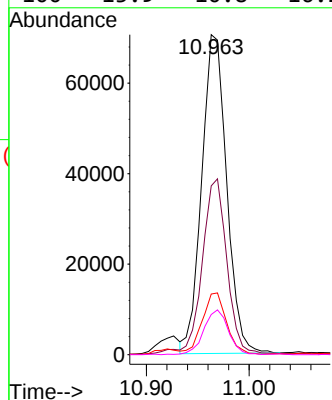
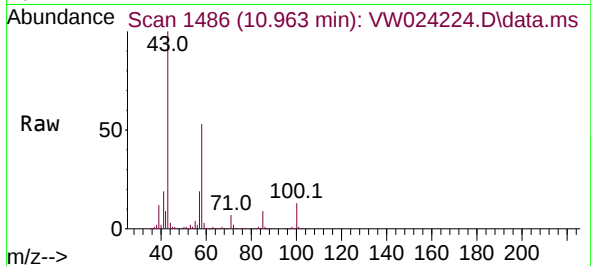


#48
2-Hexanone
Concen: 55.539 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Tgt Ion: 43 Resp: 119065

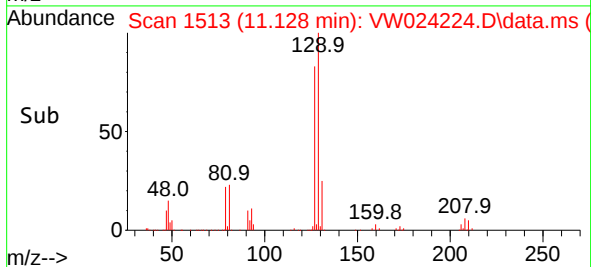
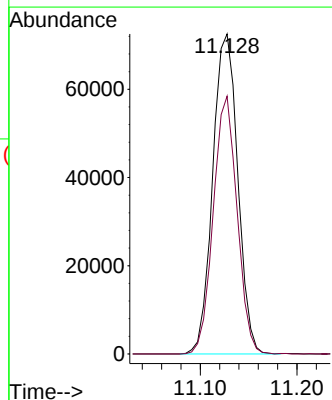
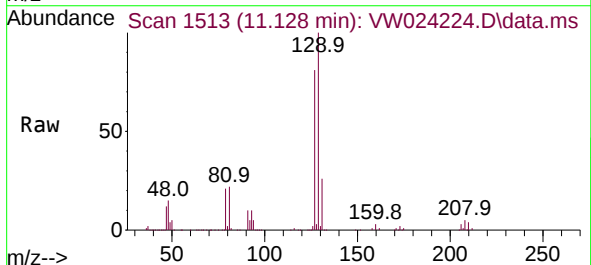
Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.4	65.0
57	18.8	15.0	22.4
100	13.9	10.8	16.2

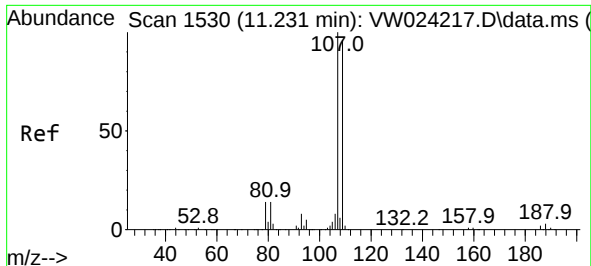


#49
Dibromochloromethane
Concen: 26.979 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 129 Resp: 130303

Ion	Ratio	Lower	Upper
129	100		
127	80.5	52.3	97.1

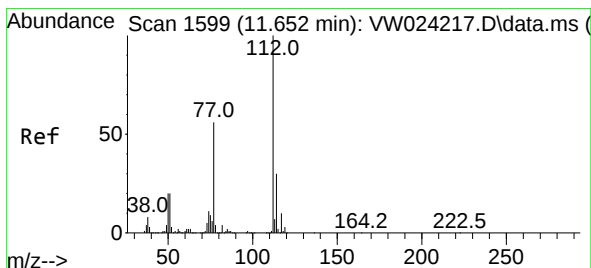
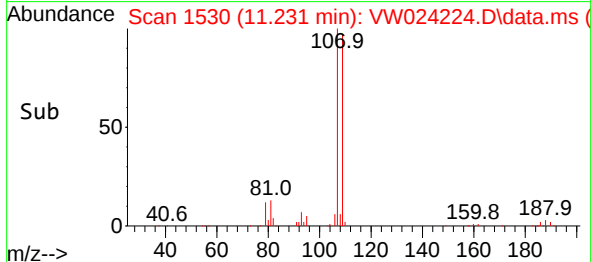
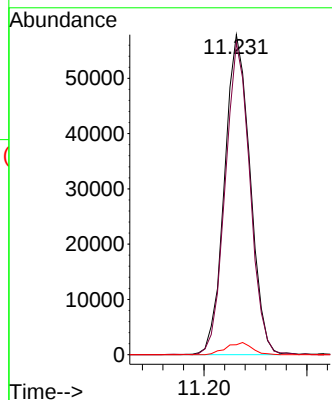
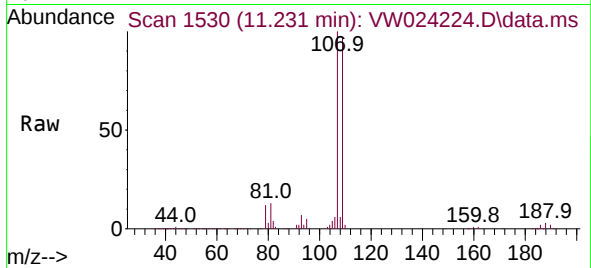




#50
1,2-Dibromoethane
Concen: 25.992 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

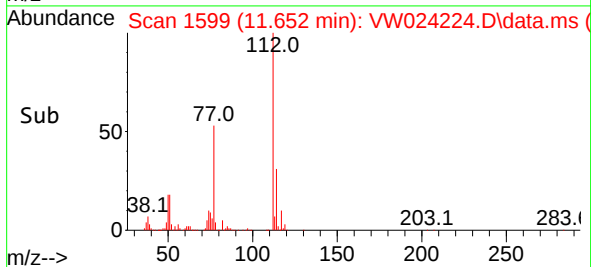
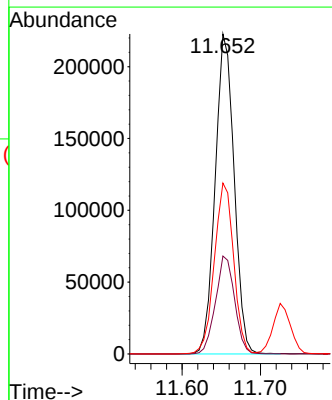
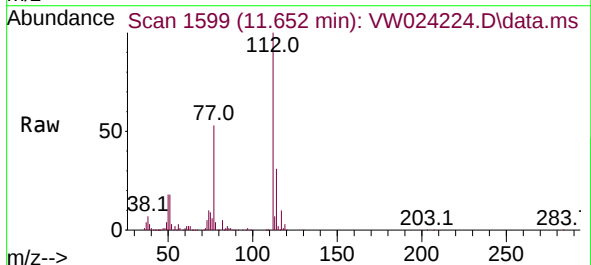
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

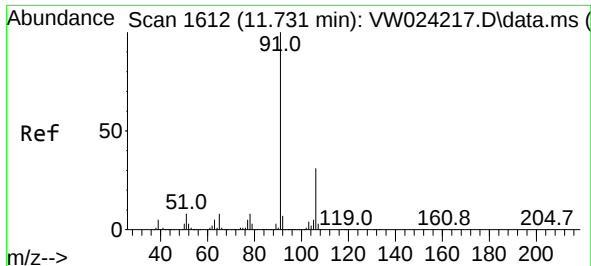
Tgt Ion:107 Resp: 99906
Ion Ratio Lower Upper
107 100
109 97.4 64.0 119.0
188 3.1 3.1 4.7



#51
Chlorobenzene
Concen: 26.791 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion:112 Resp: 374542
Ion Ratio Lower Upper
112 100
114 30.6 20.7 38.5
77 53.4 41.4 62.2

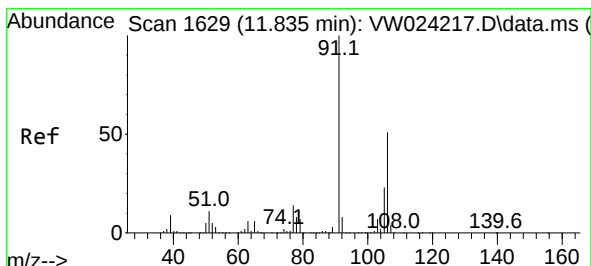
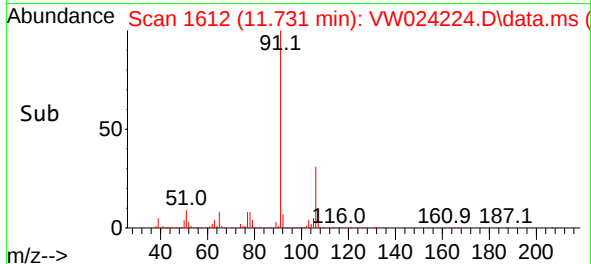
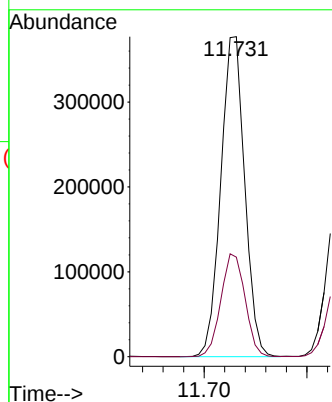
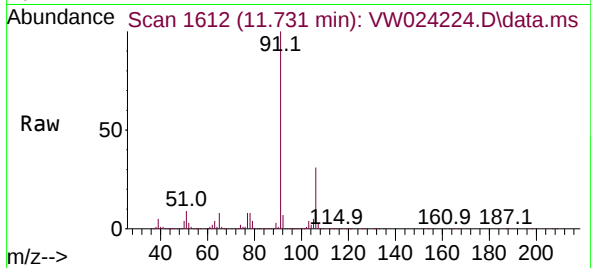




#52
Ethylbenzene
Concen: 27.167 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

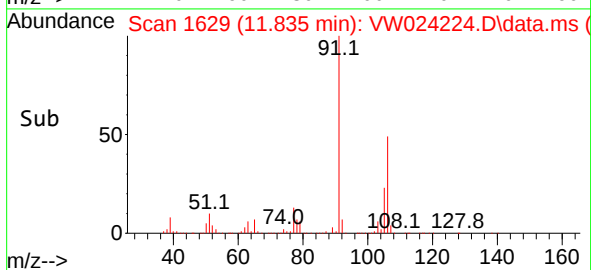
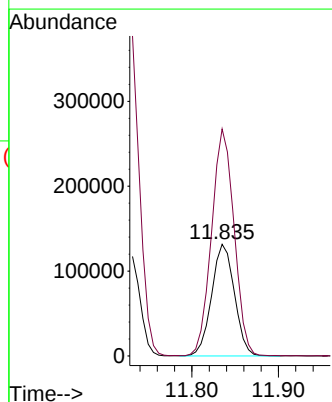
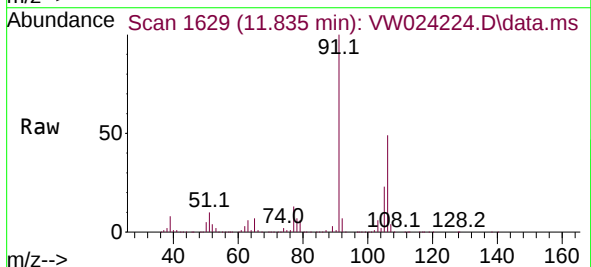
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

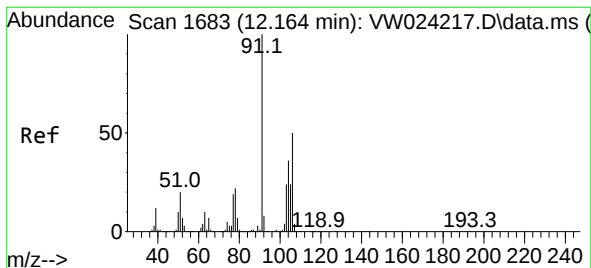
Tgt Ion: 91 Resp: 609032
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 27.594 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 106 Resp: 240794
Ion Ratio Lower Upper
106 100
91 203.4 144.1 267.7





#54

o-Xylene

Concen: 27.698 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

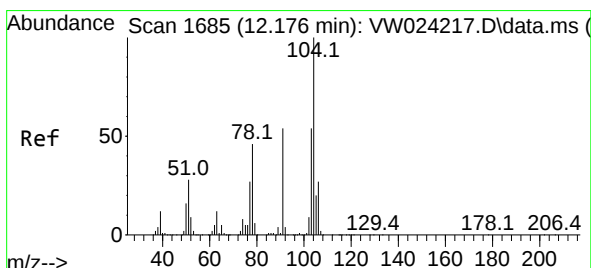
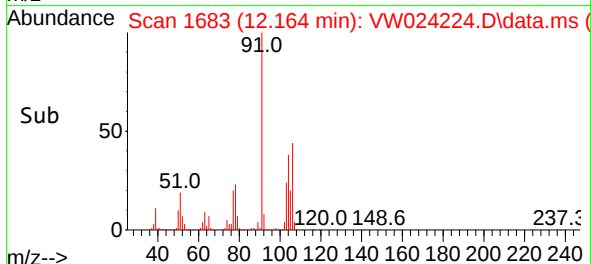
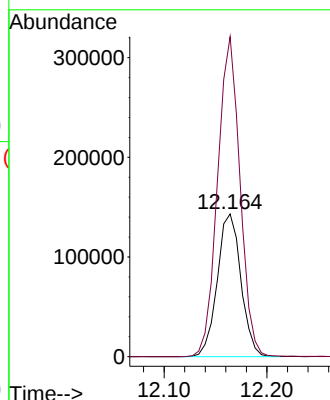
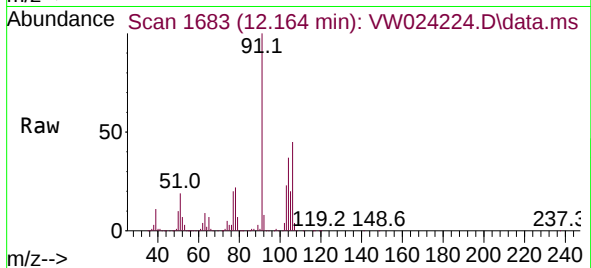
VSTD025530

Tgt Ion:106 Resp: 228345

Ion Ratio Lower Upper

106 100

91 224.3 150.9 280.3



#55

Styrene

Concen: 28.730 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024224.D

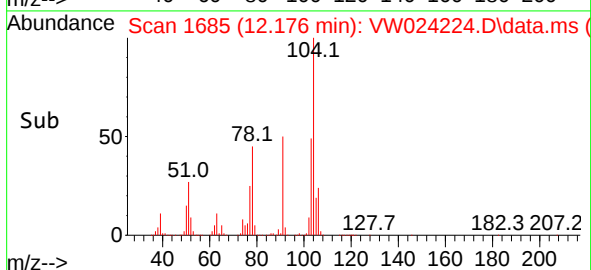
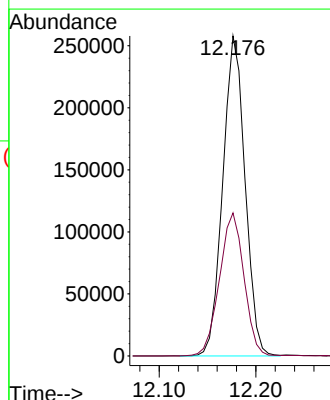
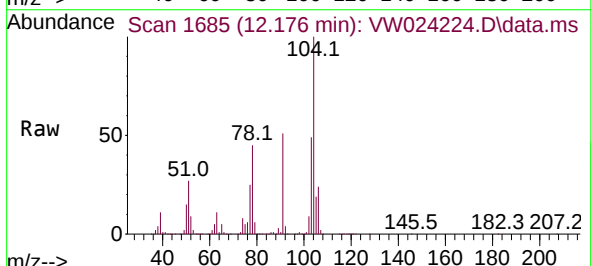
Acq: 11 Aug 2022 09:08

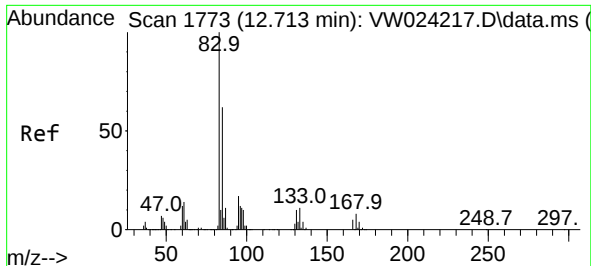
Tgt Ion:104 Resp: 411926

Ion Ratio Lower Upper

104 100

78 44.7 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.634 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

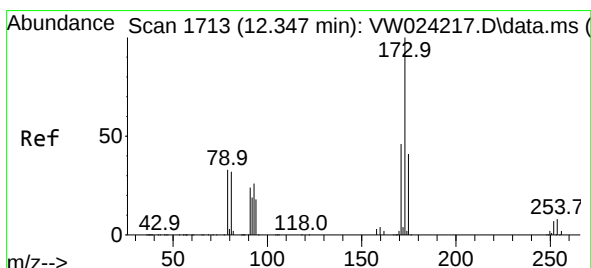
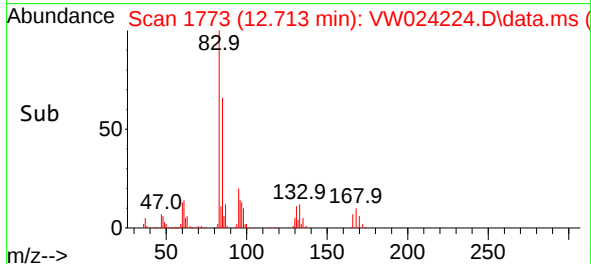
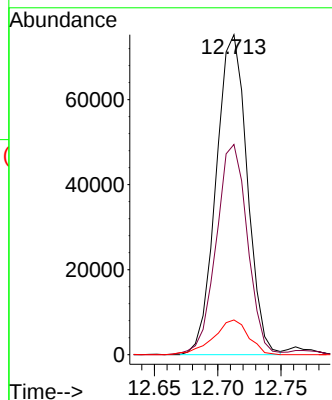
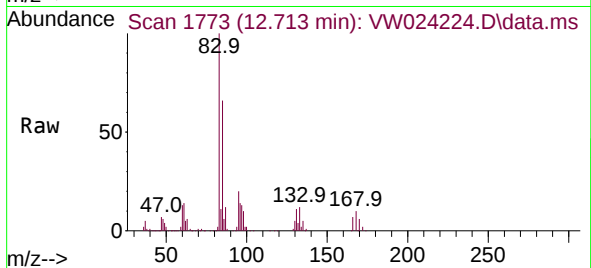
Tgt Ion: 83 Resp: 128526

Ion Ratio Lower Upper

83 100

85 65.7 44.1 81.9

131 10.9 8.3 12.5



#59

Bromoform

Concen: 25.754 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

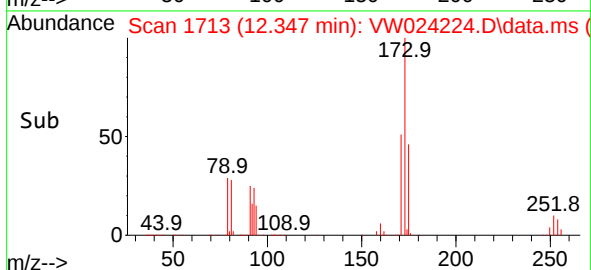
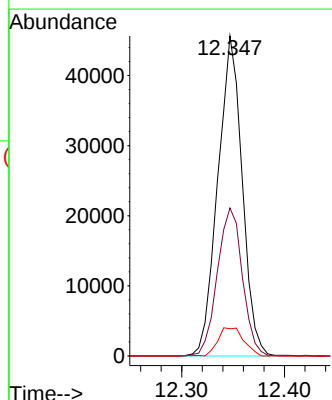
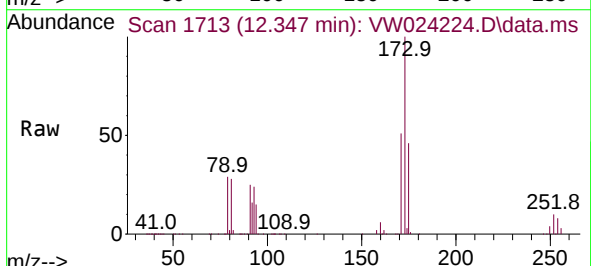
Tgt Ion:173 Resp: 75069

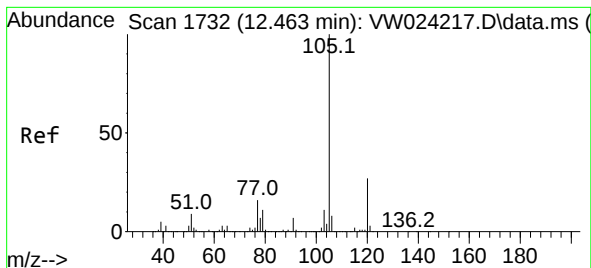
Ion Ratio Lower Upper

173 100

175 47.4 39.0 58.6

254 9.3 6.8 10.2





#60

Isopropylbenzene

Concen: 26.816 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

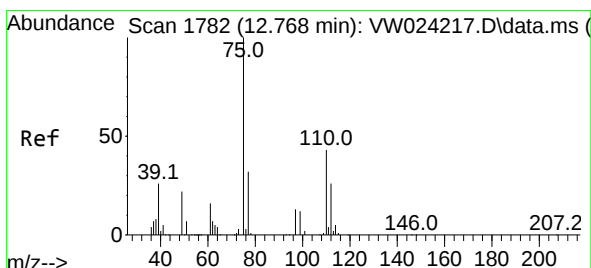
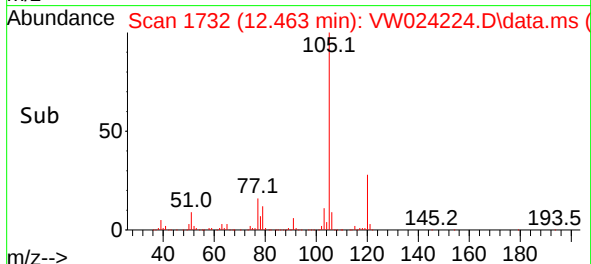
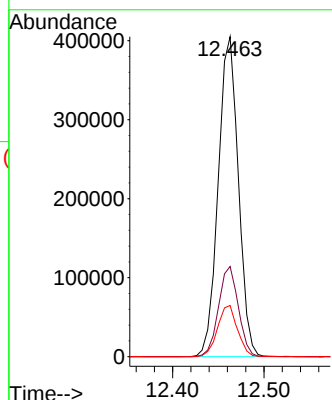
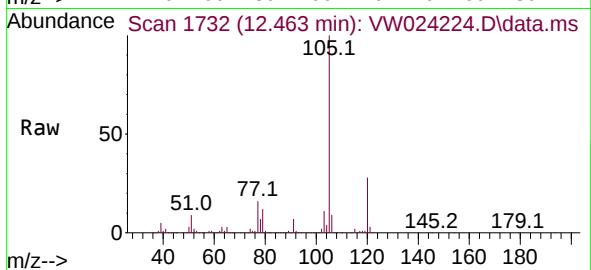
Tgt Ion:105 Resp: 620347

Ion Ratio Lower Upper

105 100

120 27.8 21.4 32.2

77 15.9 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 24.339 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

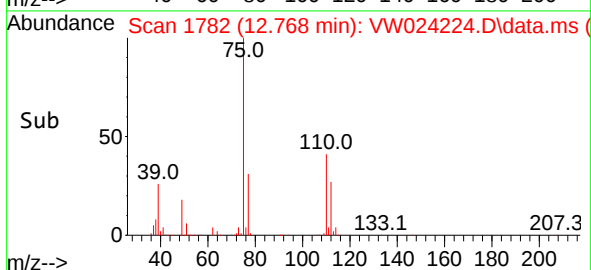
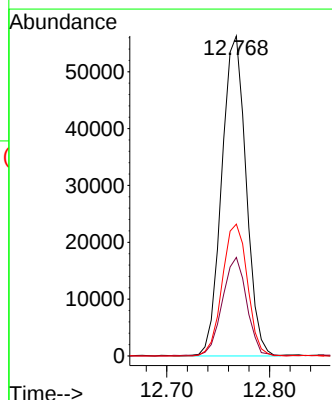
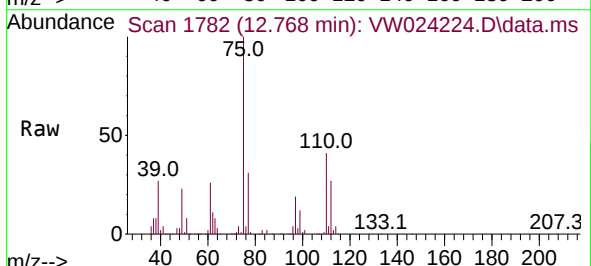
Tgt Ion: 75 Resp: 92564

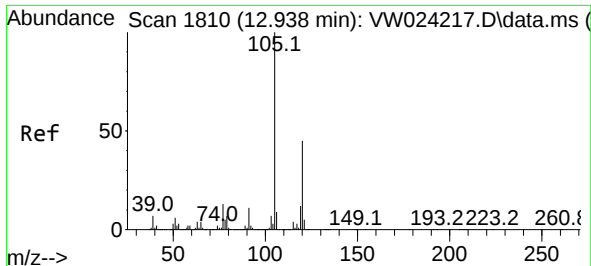
Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4

110 42.5 33.6 50.4

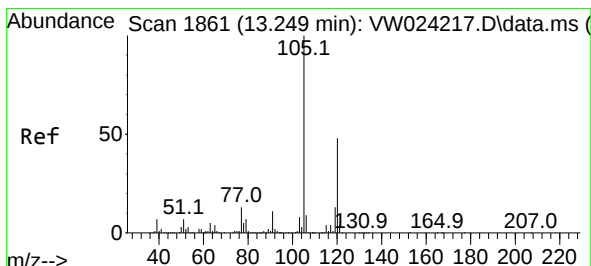
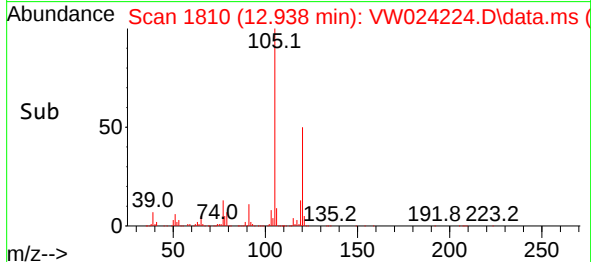
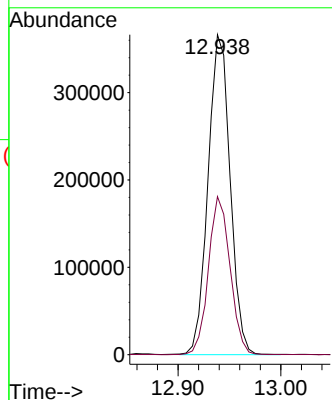
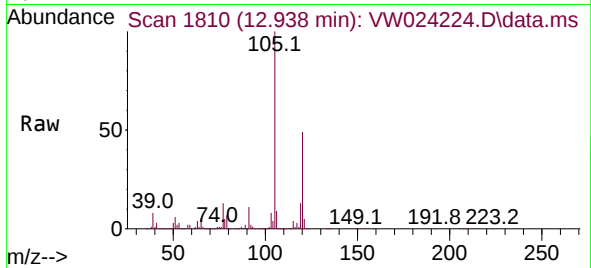




#62
1,3,5-Trimethylbenzene
Concen: 28.664 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

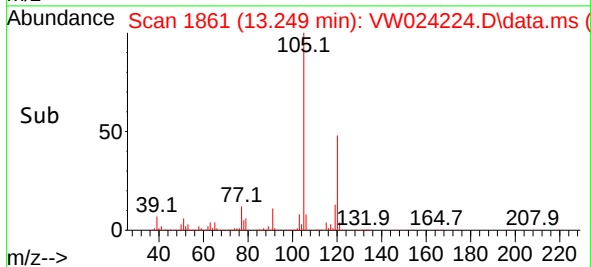
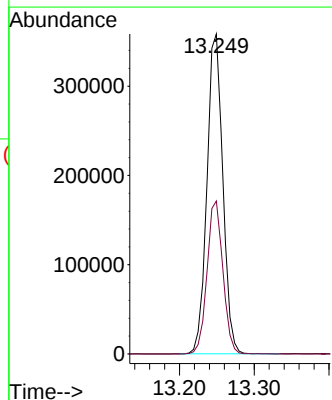
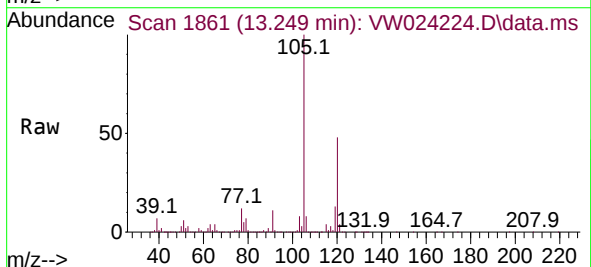
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

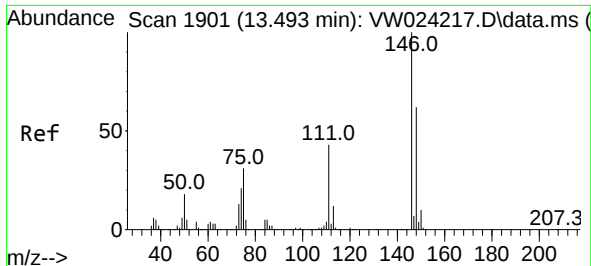
Tgt Ion:105 Resp: 547971
Ion Ratio Lower Upper
105 100
120 48.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 28.055 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion:105 Resp: 528211
Ion Ratio Lower Upper
105 100
120 47.7 36.4 54.6

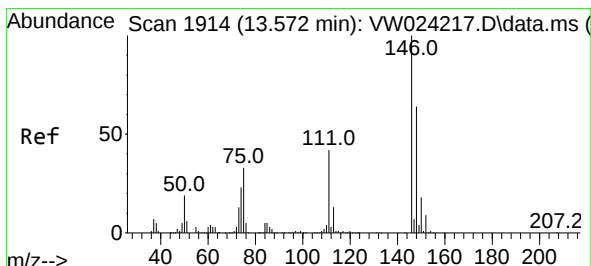
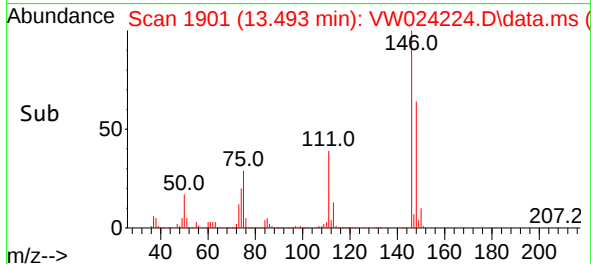
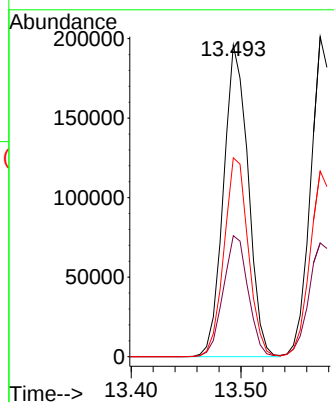
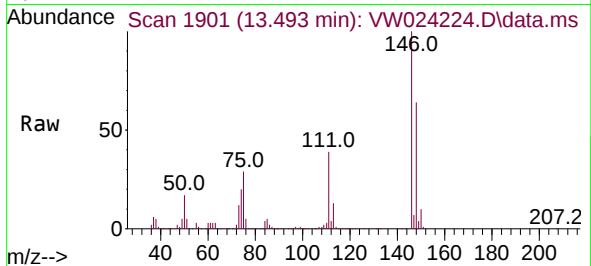




#64
1,3-Dichlorobenzene
Concen: 27.000 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

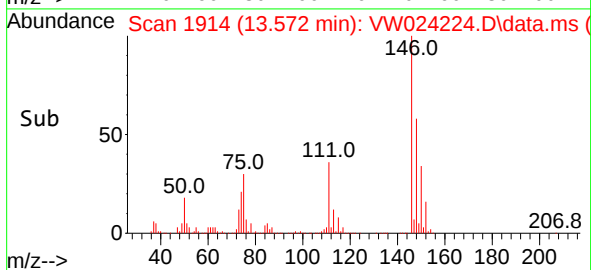
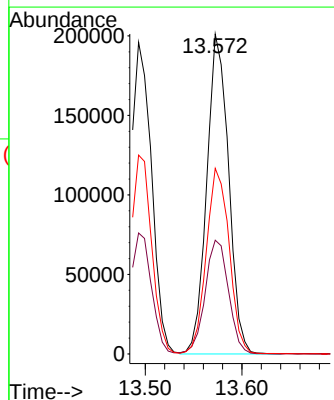
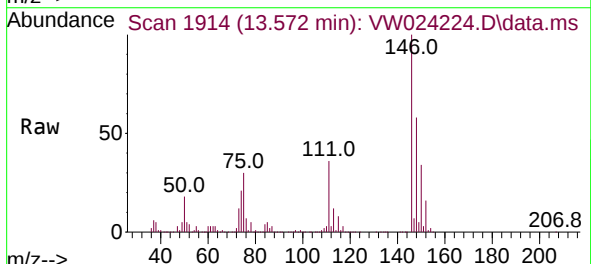
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

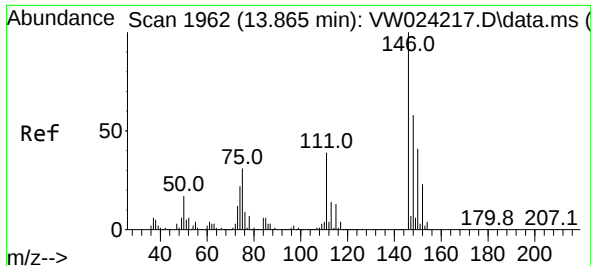
Tgt Ion:146 Resp: 305860
Ion Ratio Lower Upper
146 100
111 38.8 28.0 52.0
148 63.8 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.362 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion:146 Resp: 316223
Ion Ratio Lower Upper
146 100
111 35.5 27.6 51.4
148 58.0 40.5 75.3

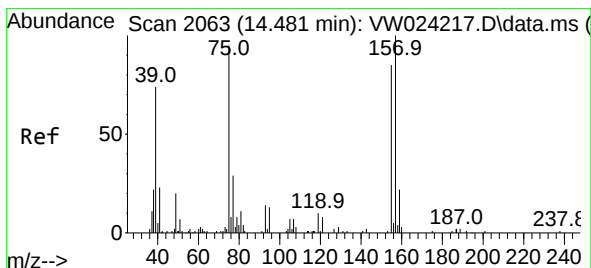
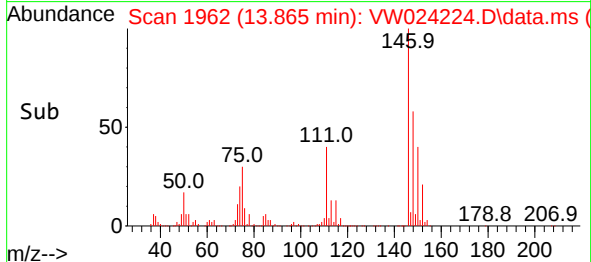
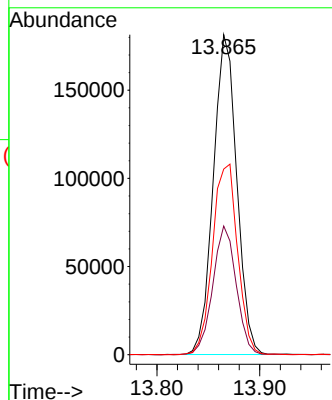
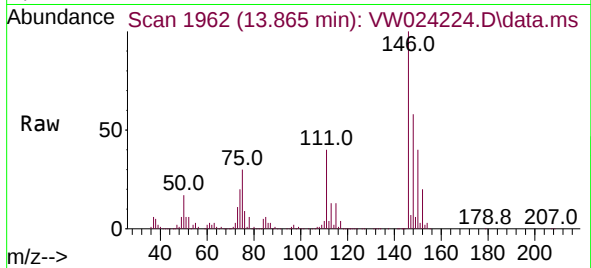




#67
1,2-Dichlorobenzene
Concen: 26.771 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

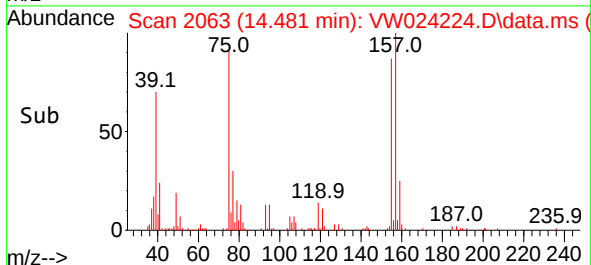
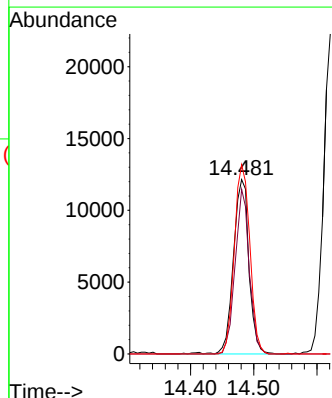
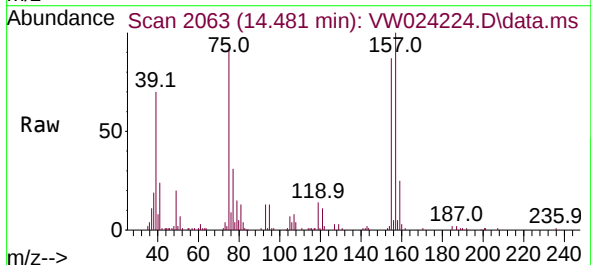
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

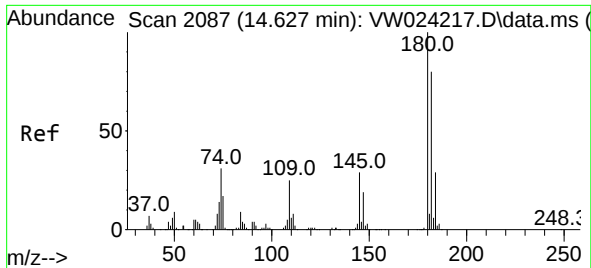
Tgt Ion:146 Resp: 287977
Ion Ratio Lower Upper
146 100
111 40.2 29.0 43.6
148 58.0 47.8 71.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.474 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion: 75 Resp: 20858
Ion Ratio Lower Upper
75 100
155 94.5 68.8 103.2
157 108.6 91.5 137.3

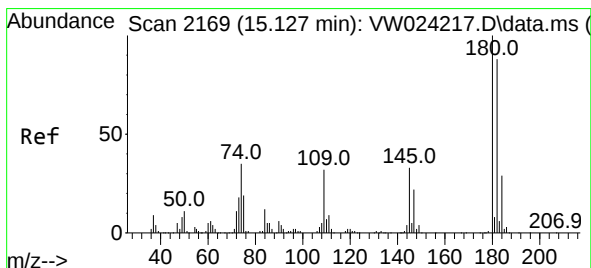
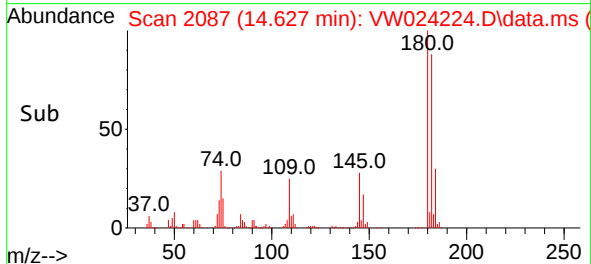
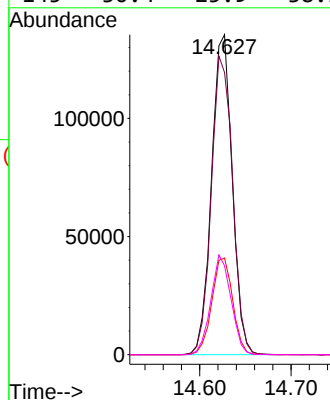
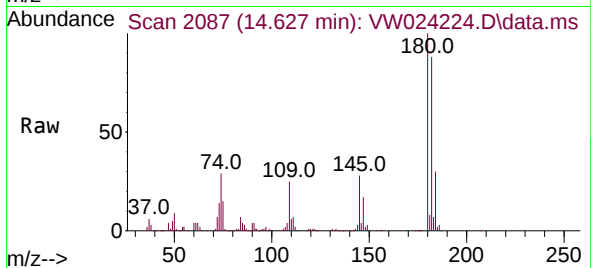




#69
1,3,5-Trichlorobenzene
Concen: 28.659 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

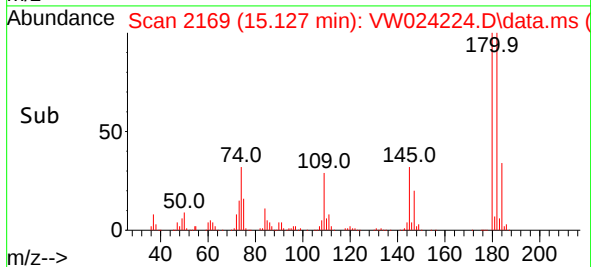
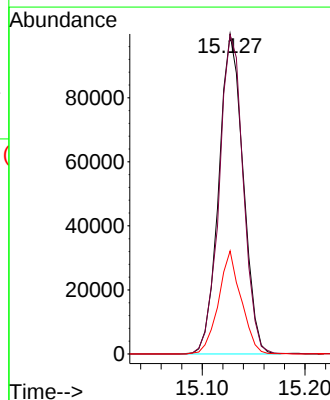
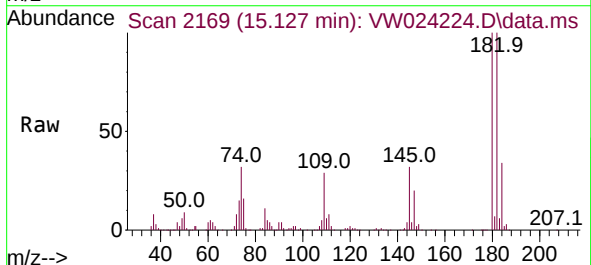
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

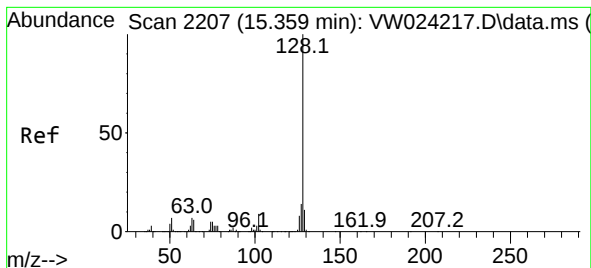
Tgt Ion:180	Resp:	212885
Ion Ratio	Lower	Upper
180	100	
182	95.9	78.4 117.6
184	30.5	24.7 37.1
145	30.4	25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 27.649 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024224.D
Acq: 11 Aug 2022 09:08

Tgt Ion:180	Resp:	164476
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.0 112.4
145	29.8	25.1 37.7





#71

Naphthalene

Concen: 28.345 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

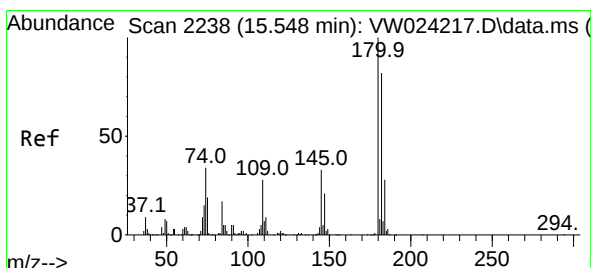
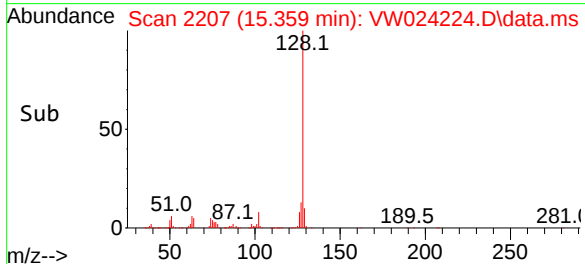
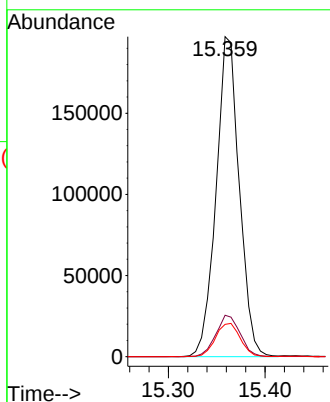
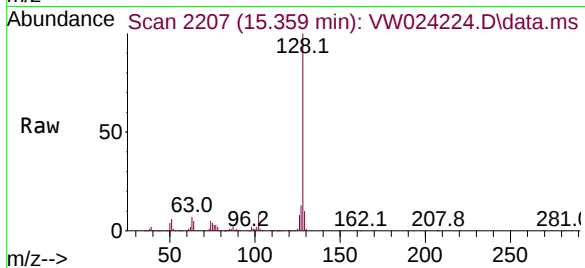
Tgt Ion:128 Resp: 328429

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.719 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024224.D

Acq: 11 Aug 2022 09:08

Tgt Ion:180 Resp: 144706

Ion Ratio Lower Upper

180 100

182 93.3 75.4 113.2

145 34.5 26.9 40.3

