

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
 Data File : VW025221.D
 Acq On : 11 Jan 2023 12:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Jan 12 04:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	498409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	414533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	135988	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.000%
7) Chloroethane-d5	2.879	69	94338	25.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.520%
11) 1,1-Dichloroethene-d2	4.019	63	317343	25.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.160%
21) 2-Butanone-d5	7.080	46	64376	43.898	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.800%
24) Chloroform-d	7.647	84	314866	25.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	8.305	65	156032	24.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	8.275	84	659943	26.512	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.040%
36) 1,2-Dichloropropane-d6	9.274	67	191261	26.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	10.323	98	595010	26.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.579	79	79447	25.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.920%
47) 2-Hexanone-d5	10.920	63	52827	46.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125781	24.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	175408	24.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	58028	20.526	ug/L	96
3) Chloromethane	2.209	50	115707	23.220	ug/L	100
5) Vinyl chloride	2.361	62	155409	24.451	ug/L	100
6) Bromomethane	2.776	94	80428	24.107	ug/L	96
8) Chloroethane	2.922	64	75066	25.339	ug/L	100
9) Trichlorofluoromethane	3.257	101	124433	28.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	153793	24.004	ug/L	99
12) 1,1-Dichloroethene	4.044	96	151259	24.479	ug/L	84
13) Acetone	4.123	43	73565	42.893	ug/L	100
14) Carbon disulfide	4.385	76	501552	24.497	ug/L	97
15) Methyl Acetate	4.672	43	52720	21.275	ug/L #	76
16) Methylene chloride	4.915	84	166481	21.596	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	161129	24.345	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	212525	22.909	ug/L	100
19) 1,1-Dichloroethane	6.214	63	282312	24.247	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	165913	24.119	ug/L	97
22) 2-Butanone	7.171	43	83186	43.651	ug/L	98
23) Bromochloromethane	7.519	128	68454	23.840	ug/L	89
25) Chloroform	7.677	83	278139	24.297	ug/L	99

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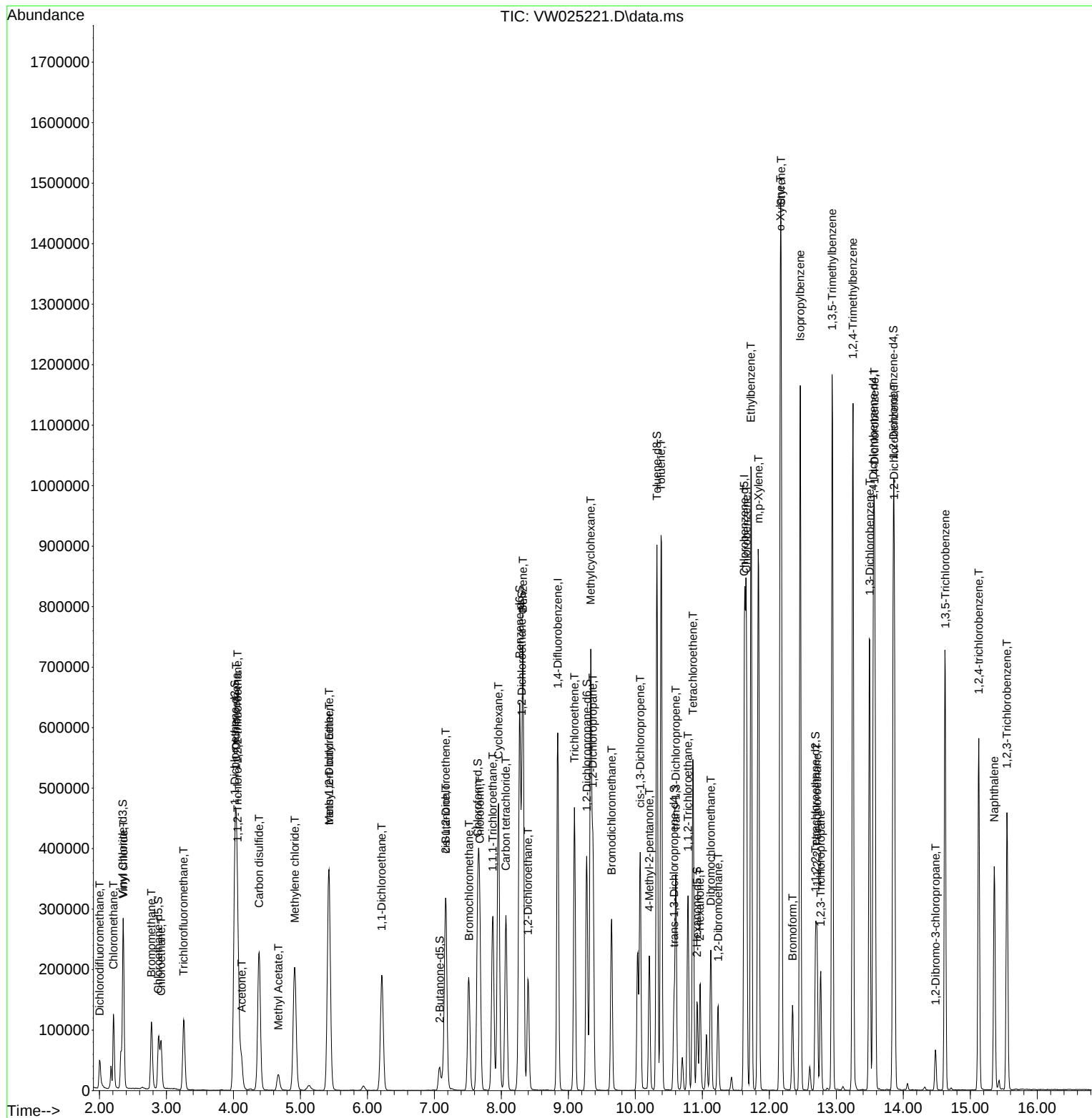
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27) 1,2-Dichloroethane	8.396	62	166905	23.558	ug/L	100
29) Cyclohexane	7.957	56	277310	25.379	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	241070	26.185	ug/L	99
31) Carbon tetrachloride	8.067	117	219140	26.136	ug/L	100
33) Benzene	8.323	78	645491	25.758	ug/L	100
34) Trichloroethene	9.091	95	166810	25.525	ug/L	98
35) Methylcyclohexane	9.335	83	306607	25.854	ug/L	99
37) 1,2-Dichloropropane	9.366	63	153638	24.933	ug/L	99
38) Bromodichloromethane	9.646	83	197135	25.592	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	241111	25.651	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142965	44.456	ug/L	99
42) Toluene	10.384	91	680829	25.830	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	199395	24.796	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	104221	24.383	ug/L	97
46) Tetrachloroethene	10.859	164	118978	24.779	ug/L	97
48) 2-Hexanone	10.963	43	112082	45.445	ug/L	99
49) Dibromochloromethane	11.128	129	123064	24.671	ug/L	90
50) 1,2-Dibromoethane	11.237	107	96256	23.805	ug/L	95
51) Chlorobenzene	11.658	112	413394	25.111	ug/L	98
52) Ethylbenzene	11.725	91	753032	25.637	ug/L	97
53) m,p-Xylene	11.841	106	286024	25.197	ug/L	98
54) o-Xylene	12.164	106	269831	25.828	ug/L	94
55) Styrene	12.176	104	459298	25.869	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115496	24.232	ug/L	97
59) Bromoform	12.347	173	64560	24.148	ug/L	95
60) Isopropylbenzene	12.463	105	748389	24.505	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84213	22.271	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	644896	24.906	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	627796	24.578	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	298574	23.918	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	297129	24.018	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	264768	24.576	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18793	22.189	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	213147	23.966	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	174191	23.064	ug/L	96
71) Naphthalene	15.359	128	319566	21.590	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	143774	22.193	ug/L	98

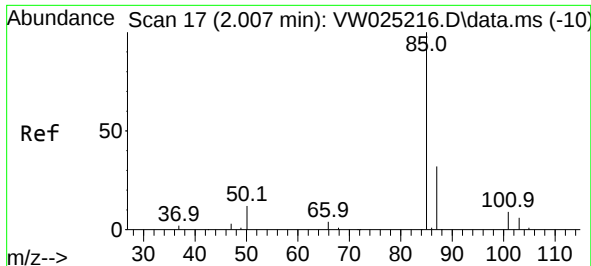
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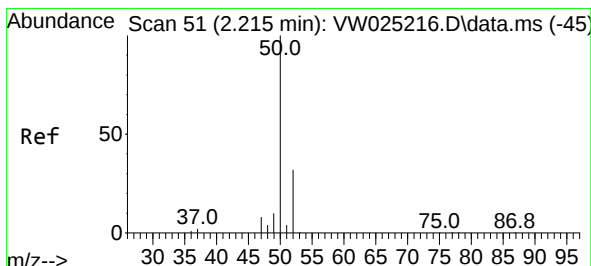
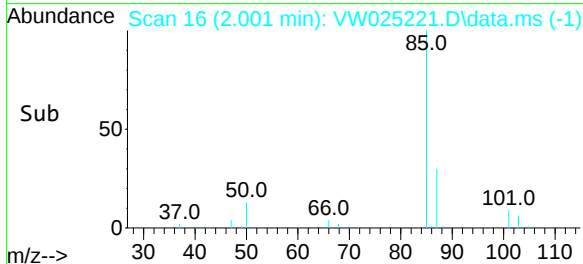
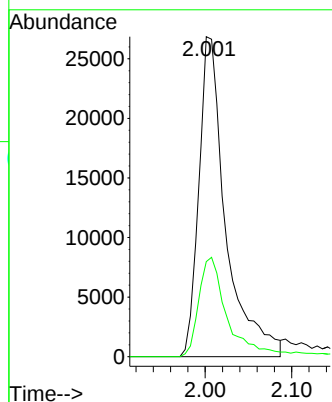
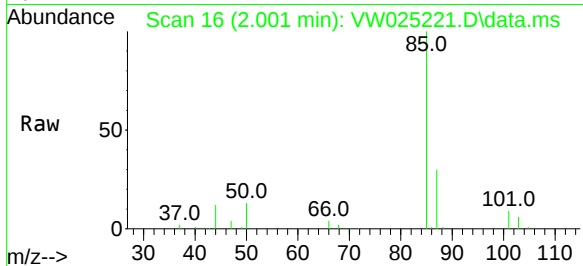




#2
 Dichlorodifluoromethane
 Concen: 20.526 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025221.D
 Acq: 11 Jan 2023 12:09

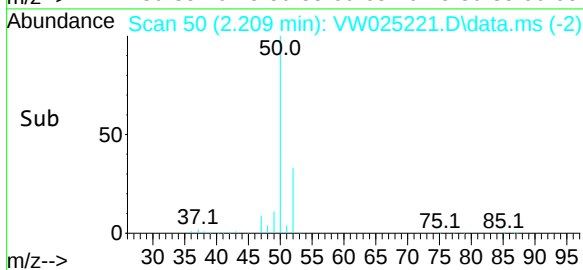
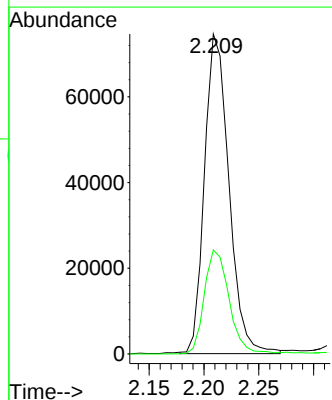
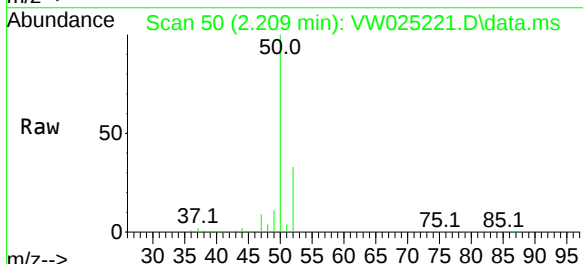
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 ClientSampleId :
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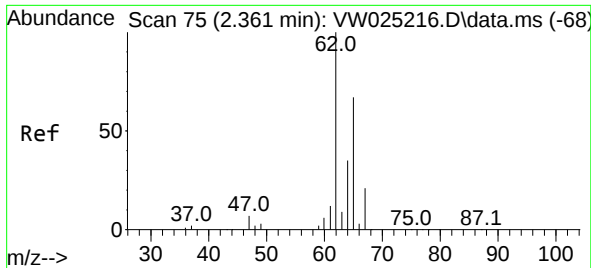
Tgt Ion: 85 Resp: 58028
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.6 39.8



#3
 Chloromethane
 Concen: 23.220 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW025221.D
 Acq: 11 Jan 2023 12:09

Tgt Ion: 50 Resp: 115707
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.1

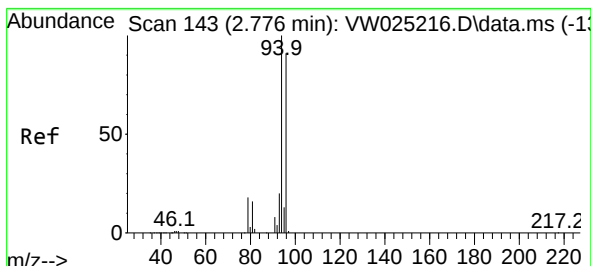
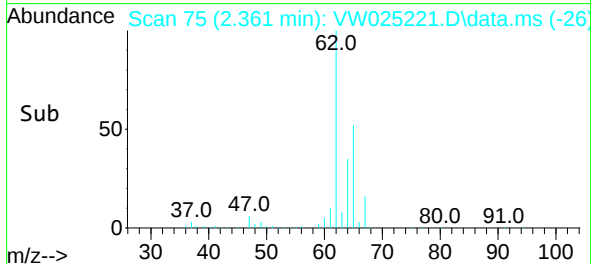
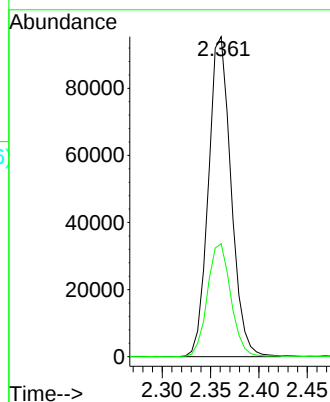
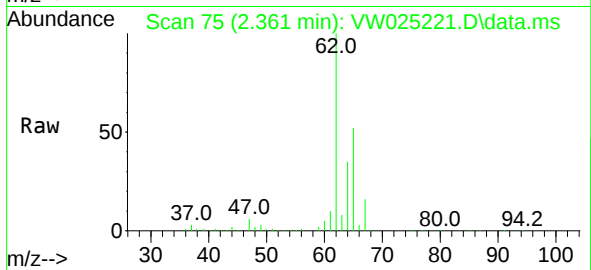




#5
 Vinyl chloride
 Concen: 24.451 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025221.D
 Acq: 11 Jan 2023 12:09

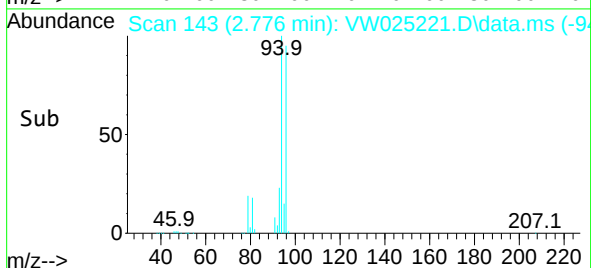
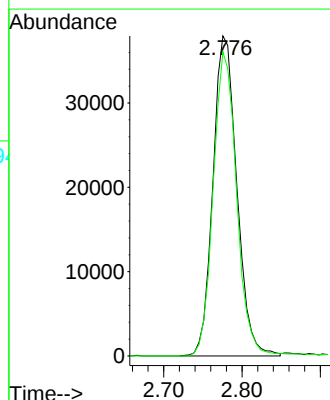
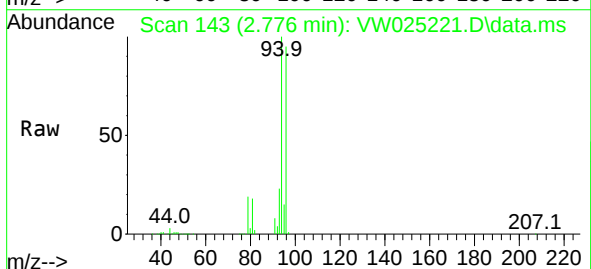
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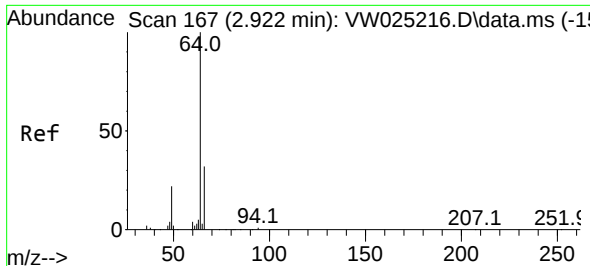
Tgt Ion: 62 Resp: 155409
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.8 46.1



#6
 Bromomethane
 Concen: 24.107 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025221.D
 Acq: 11 Jan 2023 12:09

Tgt Ion: 94 Resp: 80428
 Ion Ratio Lower Upper
 94 100
 96 95.0 63.9 118.7

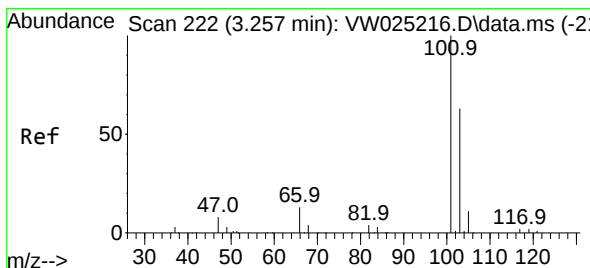
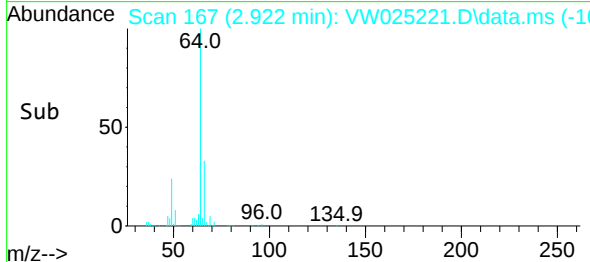
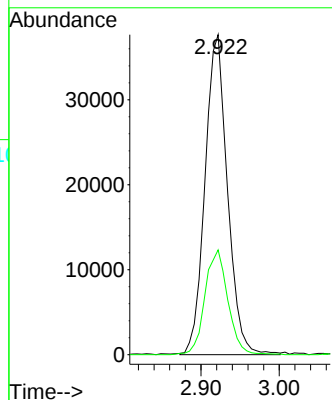
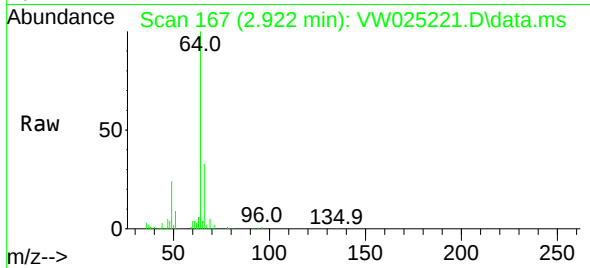




#8
Chloroethane
Concen: 25.339 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

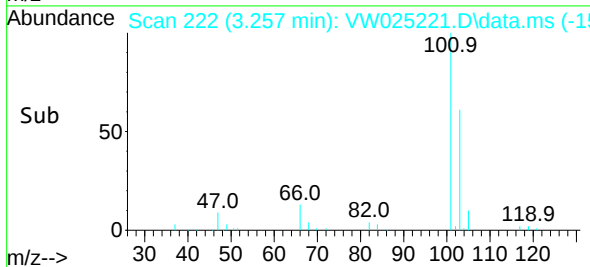
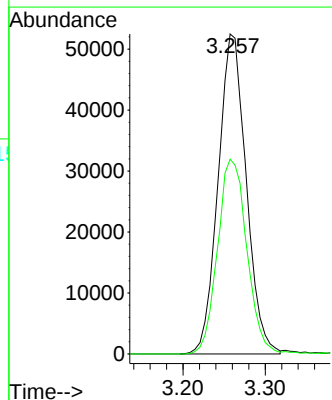
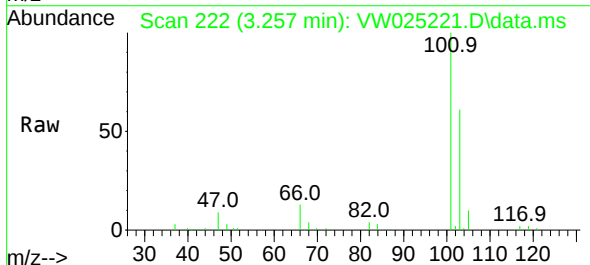
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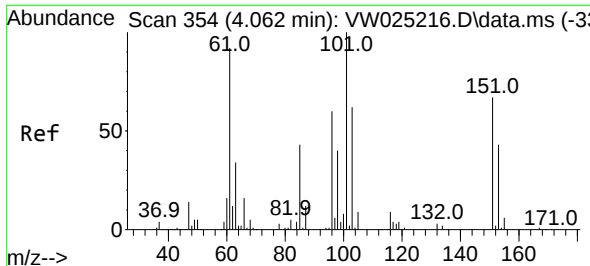
Tgt Ion: 64 Resp: 75066
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 28.265 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 101 Resp: 124433
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

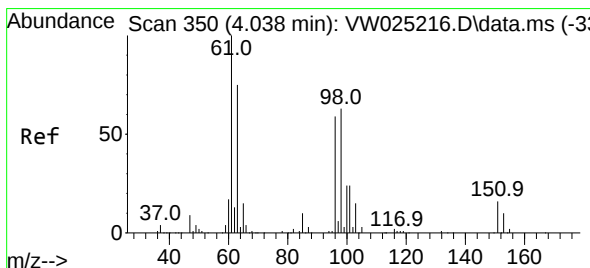
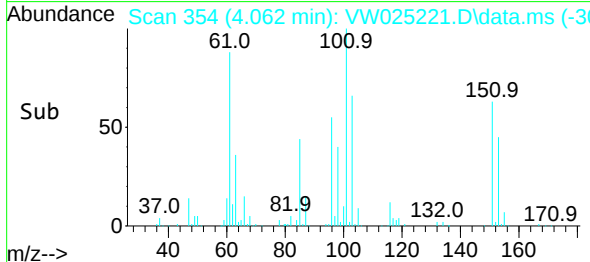
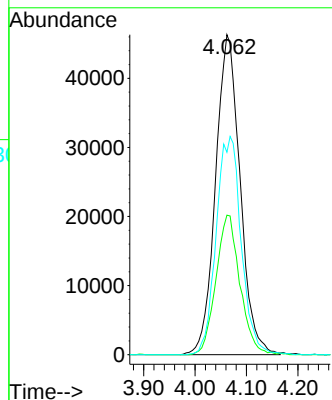
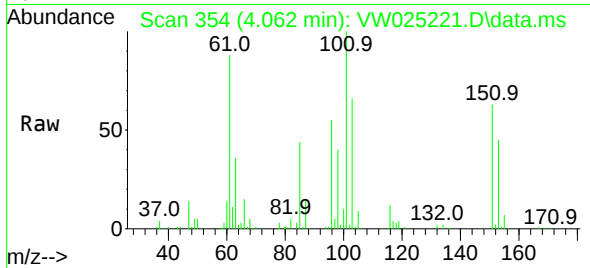




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.004 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025221.D
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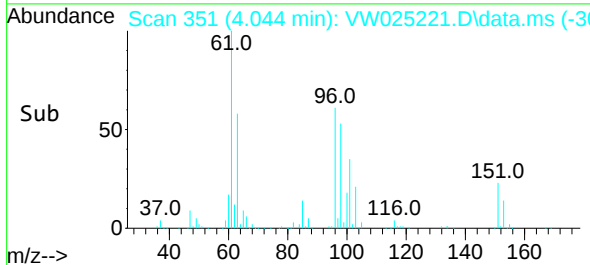
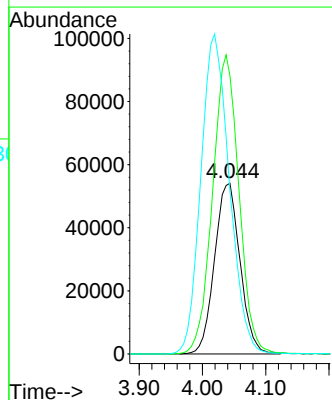
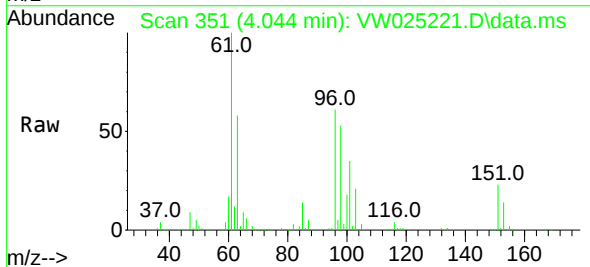
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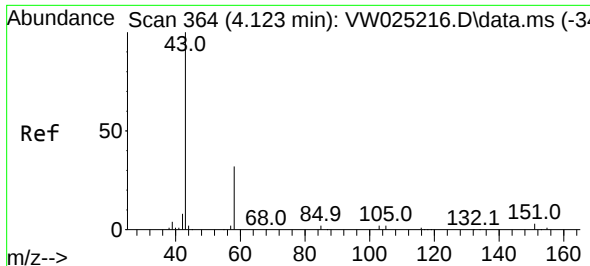
Tgt Ion:101 Resp: 153793
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.8 50.8
 151 69.4 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 24.479 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW025221.D
 Acq: 11 Jan 2023 12:09

Tgt Ion: 96 Resp: 151259
 Ion Ratio Lower Upper
 96 100
 61 162.9 119.3 221.5
 63 95.3 91.3 169.6

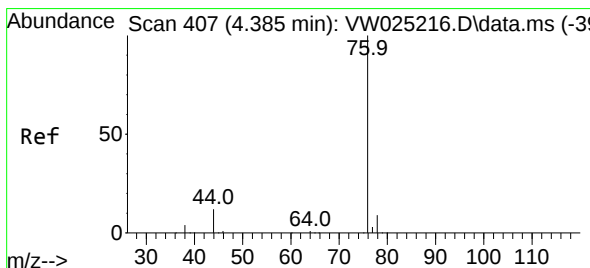
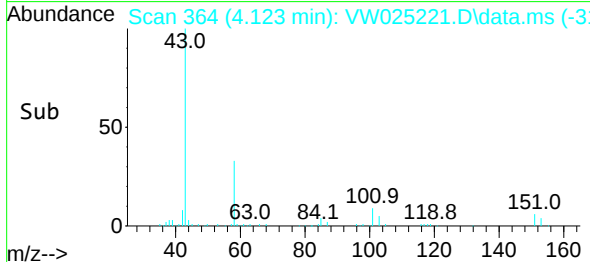
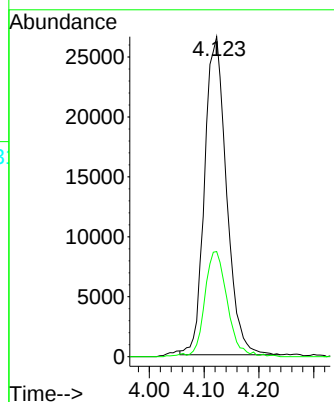
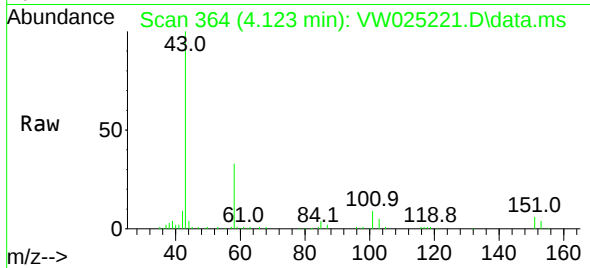




#13
Acetone
Concen: 42.893 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.000 min
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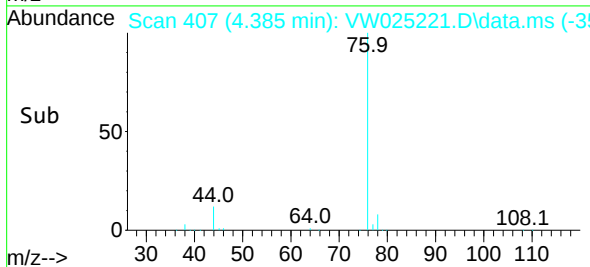
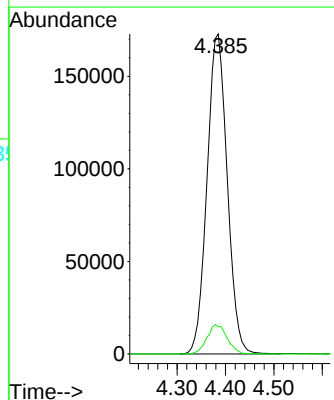
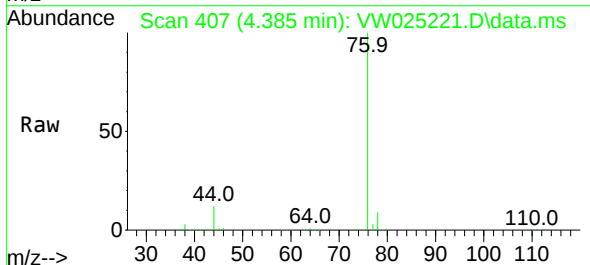
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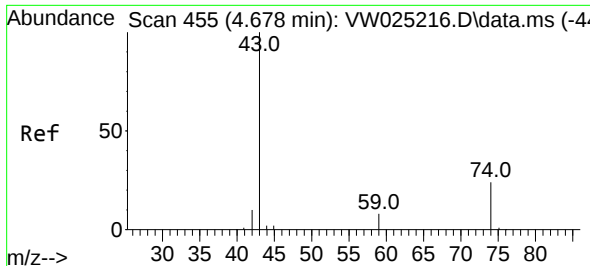
Tgt Ion: 43 Resp: 73565
Ion Ratio Lower Upper
43 100
58 33.4 0.0 66.8



#14
Carbon disulfide
Concen: 24.497 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 501552
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

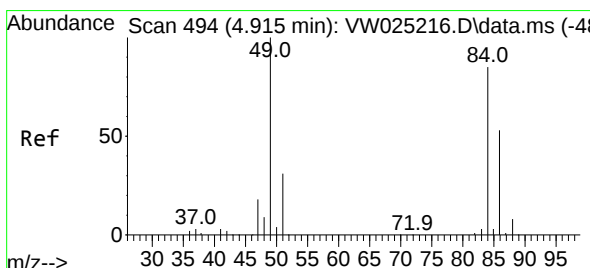
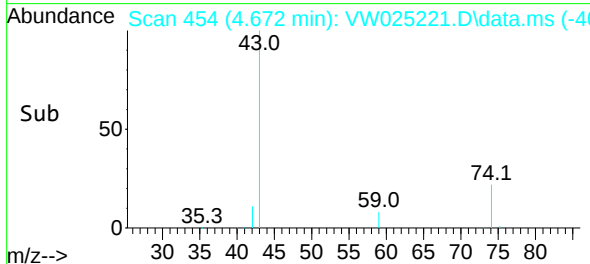
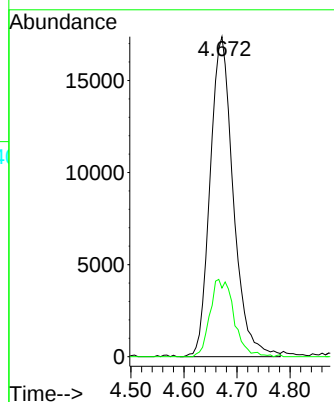
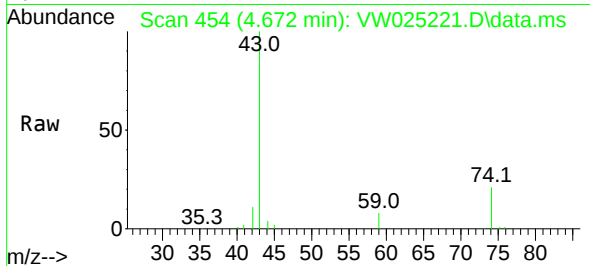




#15
Methyl Acetate
Concen: 21.275 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

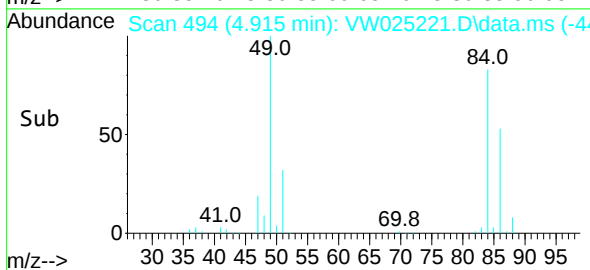
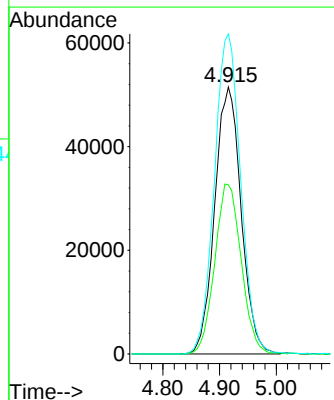
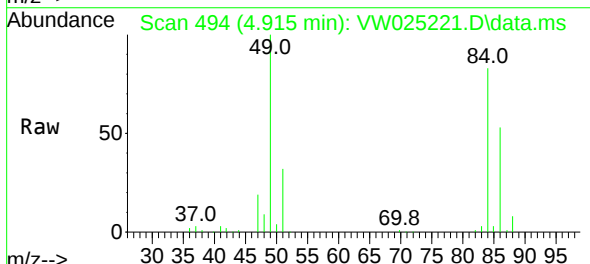
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

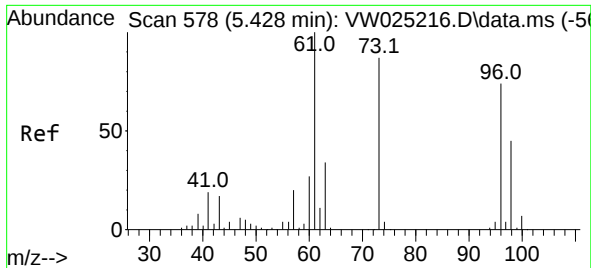
Tgt Ion: 43 Resp: 52720
Ion Ratio Lower Upper
43 100
74 13.3 20.4 30.6#



#16
Methylene chloride
Concen: 21.596 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 84 Resp: 166481
Ion Ratio Lower Upper
84 100
86 63.4 43.4 80.6
49 119.9 82.0 152.2

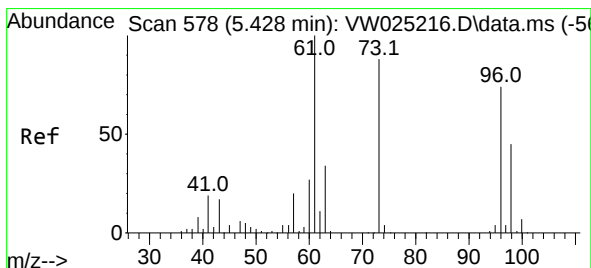
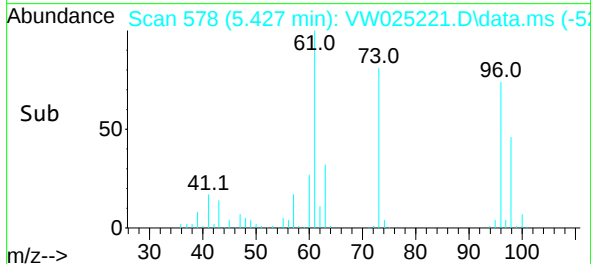
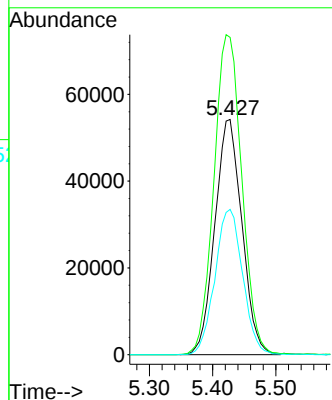
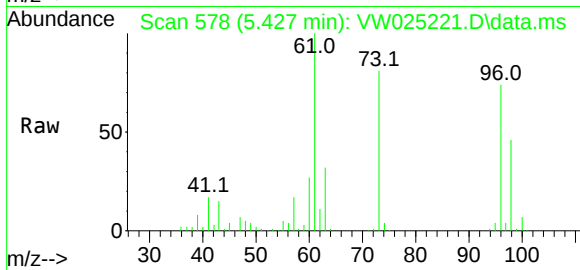




#17
trans-1,2-Dichloroethene
Concen: 24.345 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

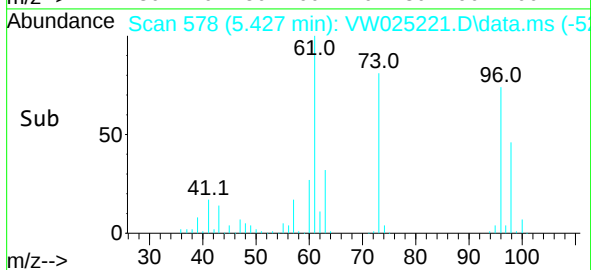
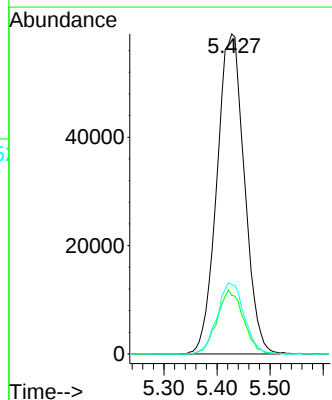
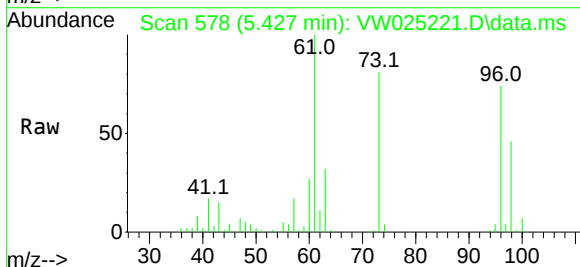
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

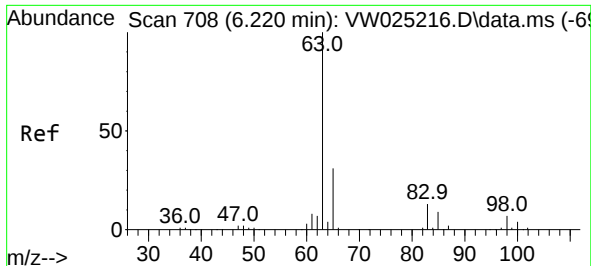
Tgt Ion: 96 Resp: 161129
Ion Ratio Lower Upper
96 100
61 134.9 94.2 175.0
98 61.8 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 22.909 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 73 Resp: 212525
Ion Ratio Lower Upper
73 100
43 19.1 15.2 22.8
57 21.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 24.247 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

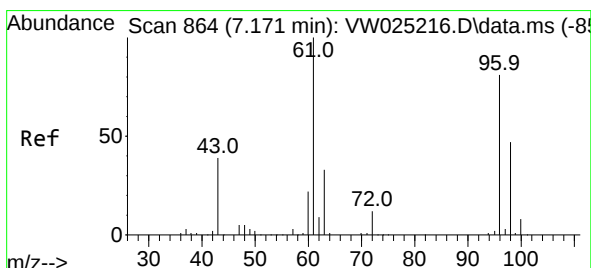
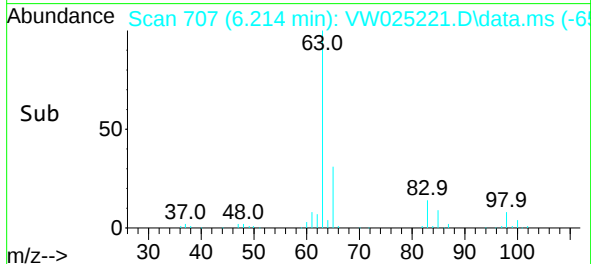
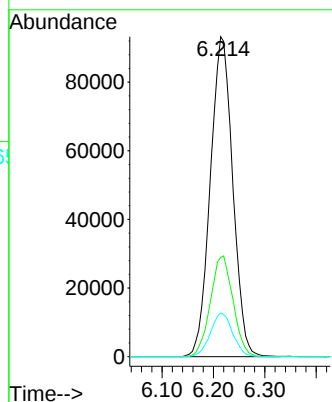
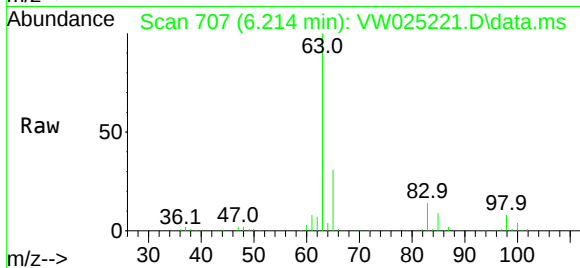
Tgt Ion: 63 Resp: 282312

Ion Ratio Lower Upper

63 100

65 31.0 21.7 40.3

83 13.7 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 24.119 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

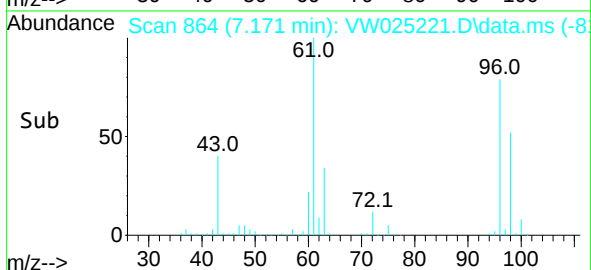
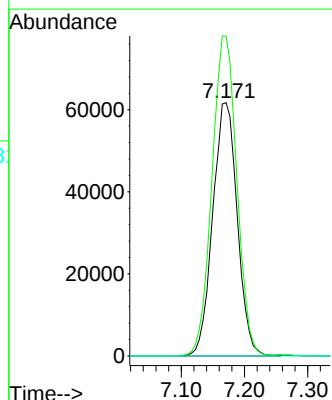
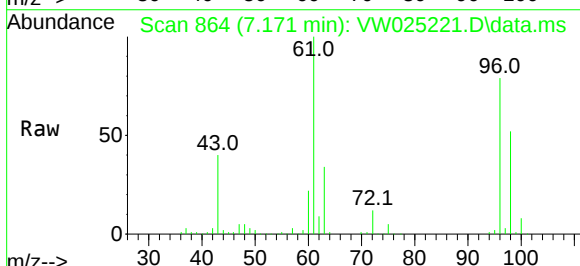
Tgt Ion: 96 Resp: 165913

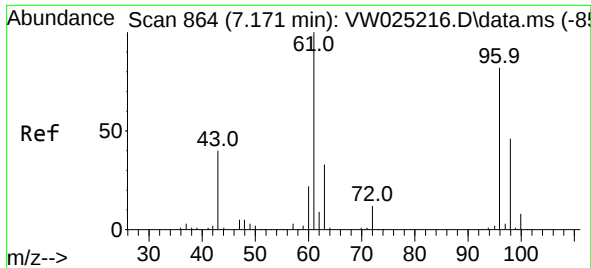
Ion Ratio Lower Upper

96 100

61 126.3 86.0 159.8

68 0.0 0.0 0.0

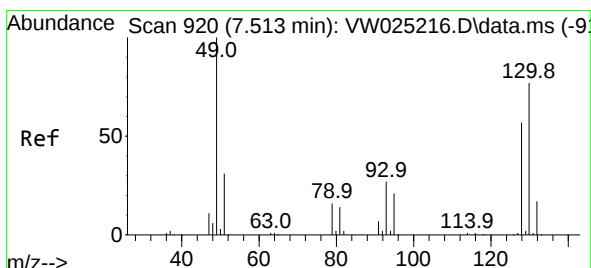
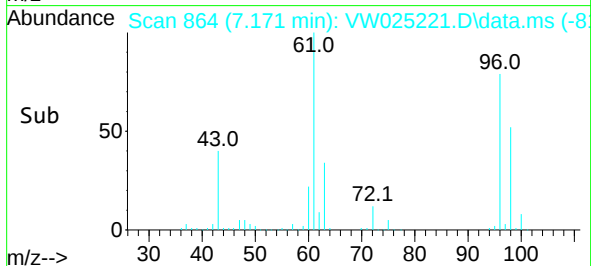
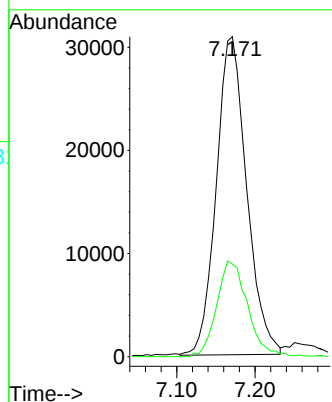
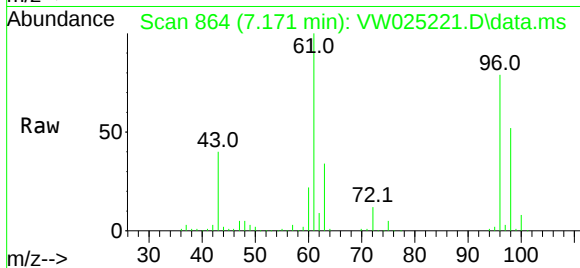




#22
2-Butanone
Concen: 43.651 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

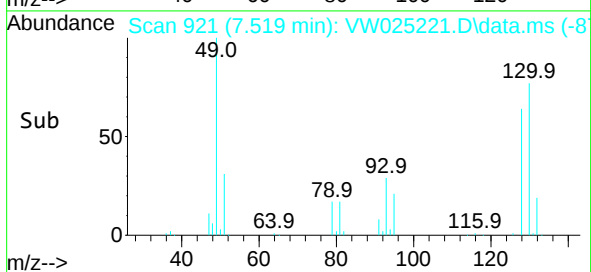
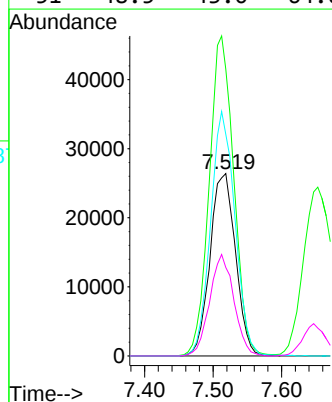
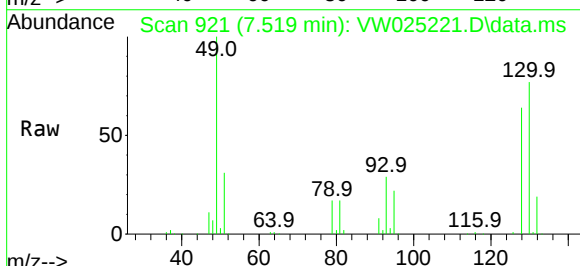
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

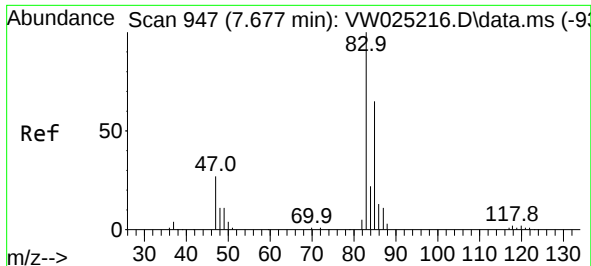
Tgt Ion: 43 Resp: 83186
Ion Ratio Lower Upper
43 100
72 30.4 14.7 44.1



#23
Bromochloromethane
Concen: 23.840 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 128 Resp: 68454
Ion Ratio Lower Upper
128 100
49 157.2 122.1 226.7
130 121.4 94.0 174.6
51 48.5 43.0 64.6

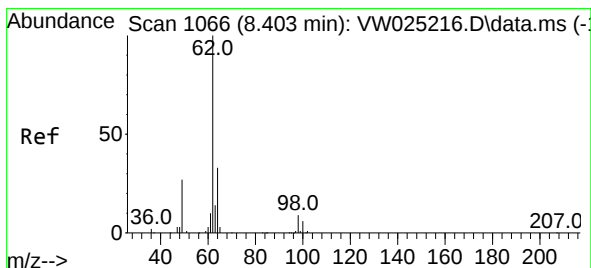
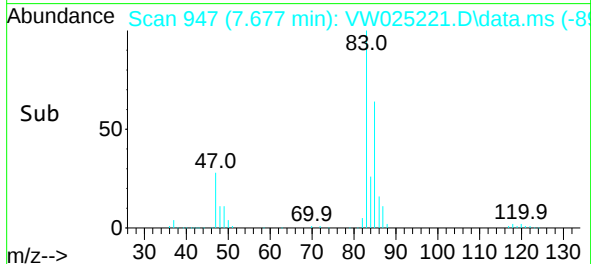
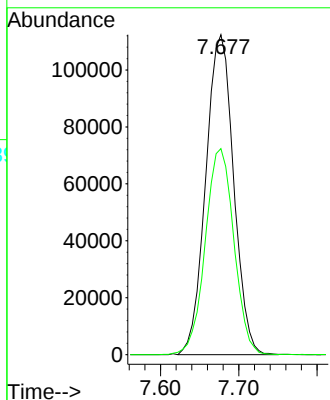
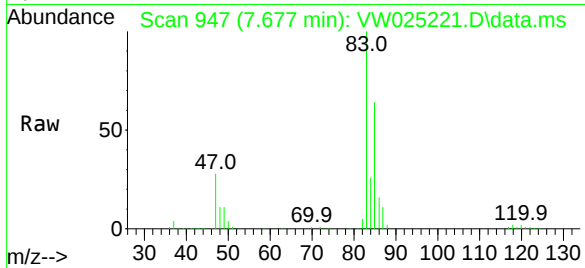




#25
Chloroform
Concen: 24.297 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

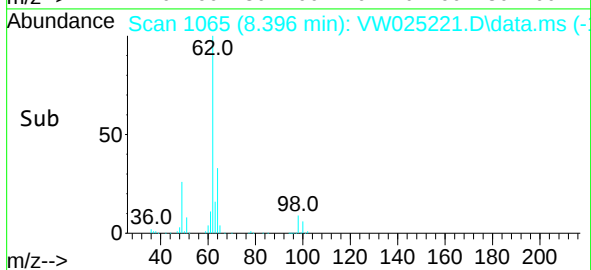
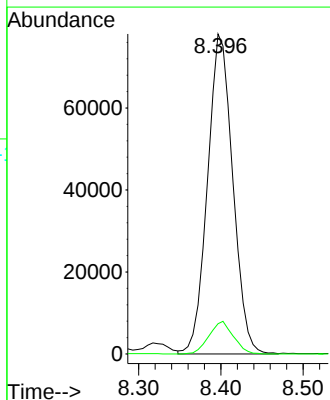
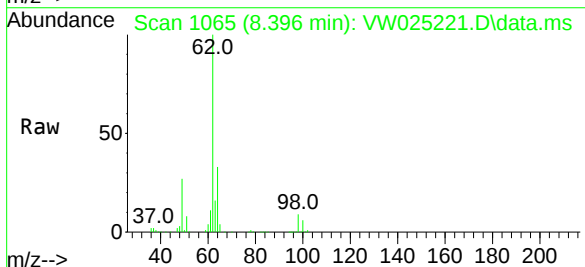
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

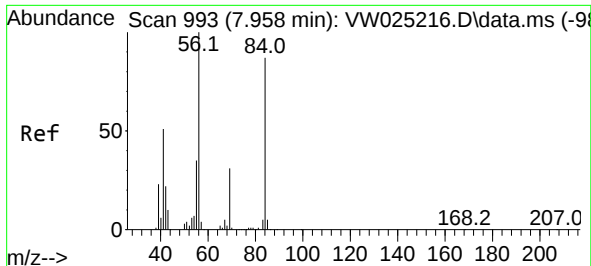
Tgt Ion: 83 Resp: 278139
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 23.558 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 62 Resp: 166905
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 25.379 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

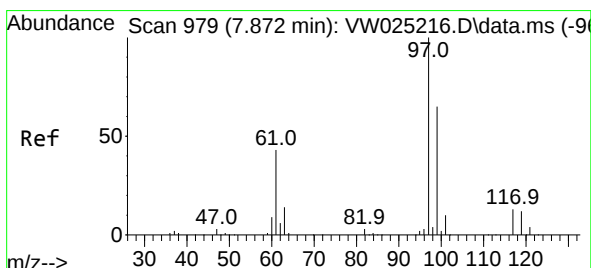
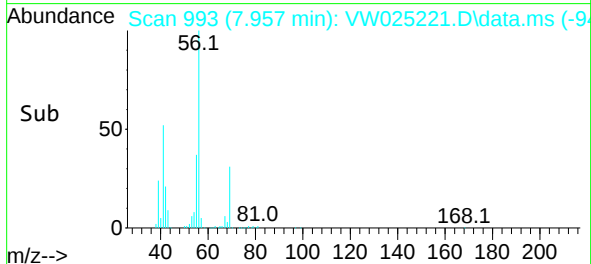
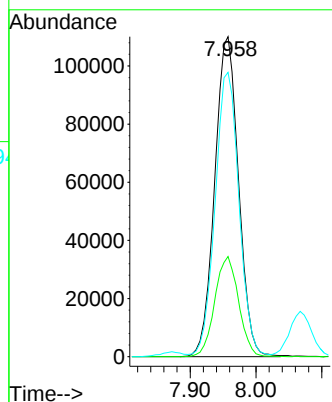
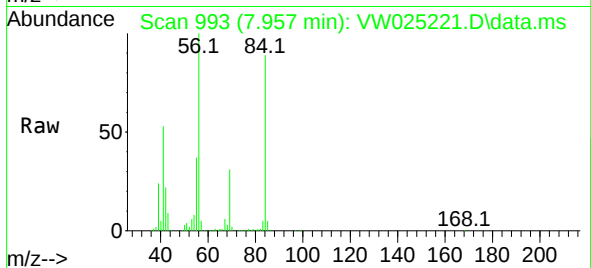
Tgt Ion: 56 Resp: 277310

Ion Ratio Lower Upper

56 100

69 31.3 25.1 37.7

84 89.2 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 26.185 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

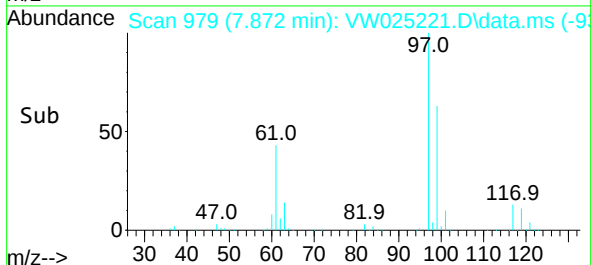
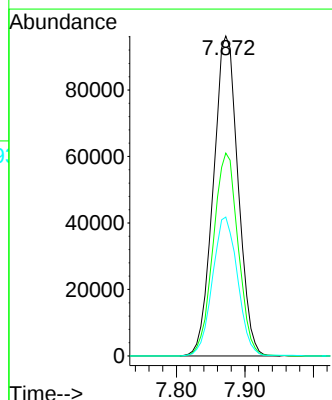
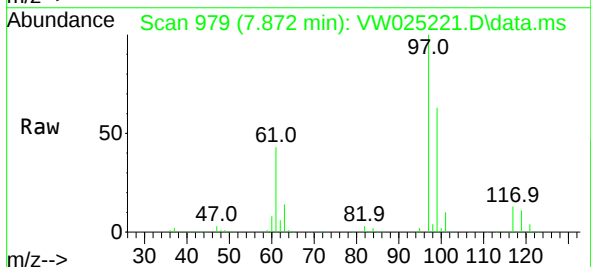
Tgt Ion: 97 Resp: 241070

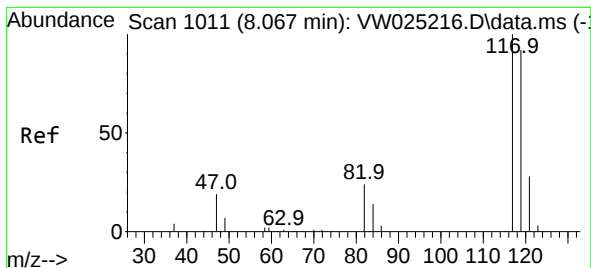
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 44.1 35.6 53.4

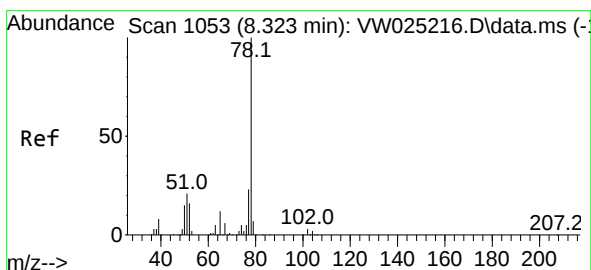
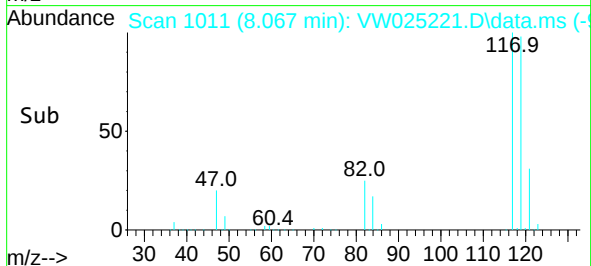
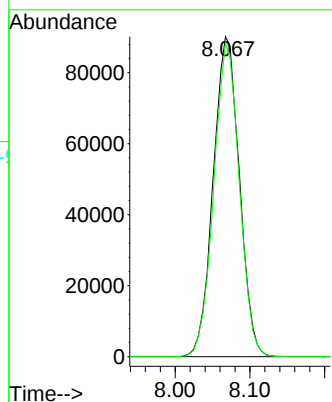
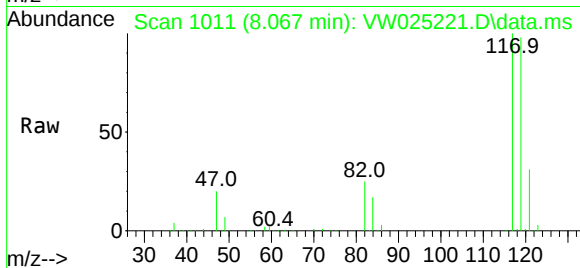




#31
Carbon tetrachloride
Concen: 26.136 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

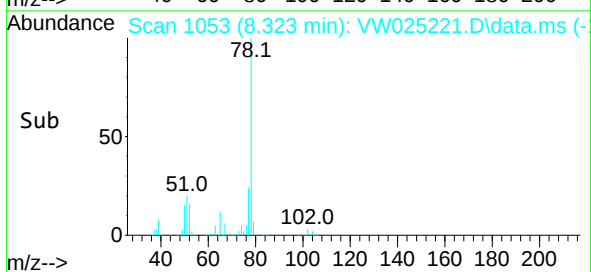
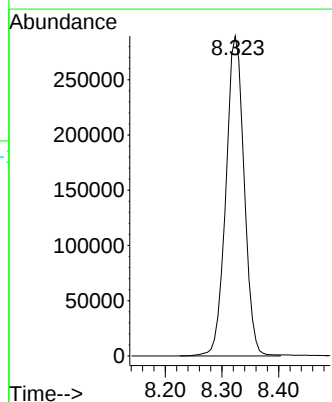
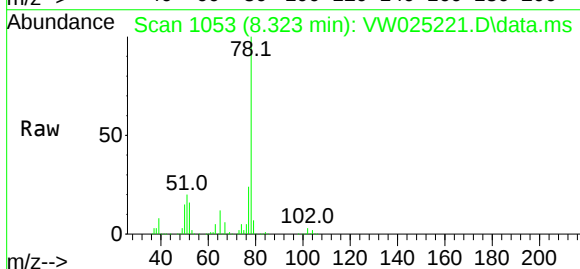
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

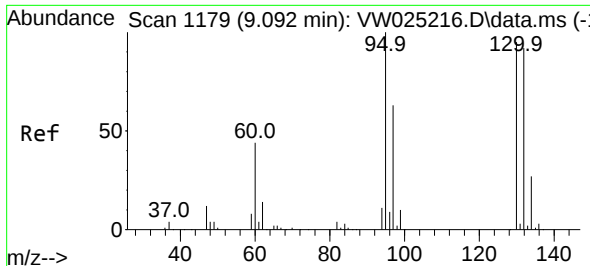
Tgt Ion:117 Resp: 219140
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 25.758 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

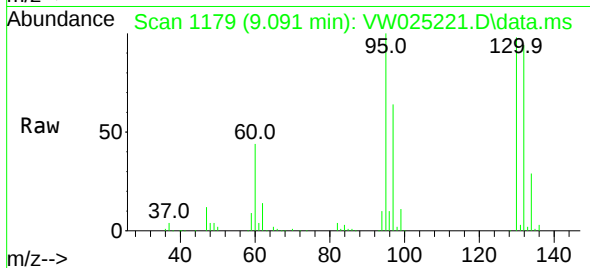
Tgt Ion: 78 Resp: 645491



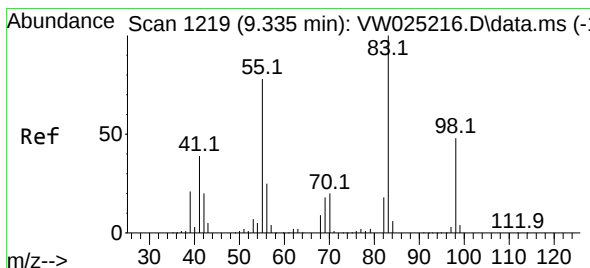
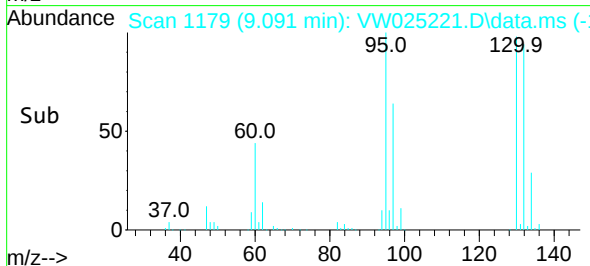
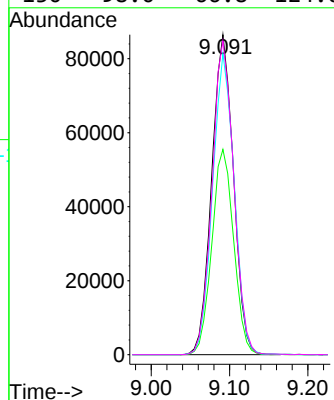


#34
Trichloroethene
Concen: 25.525 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

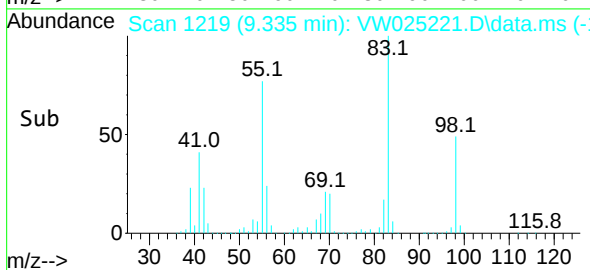
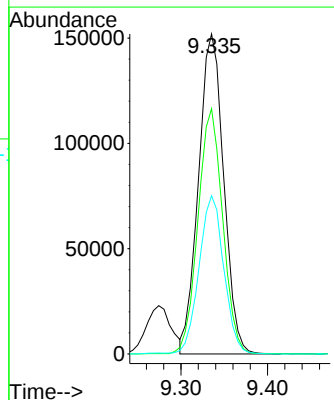
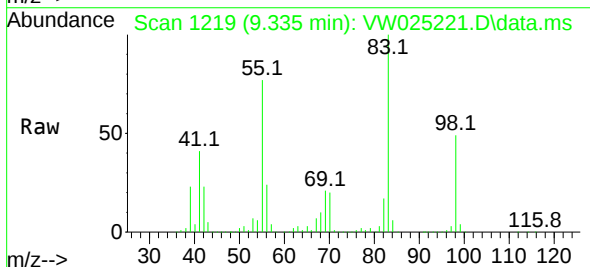


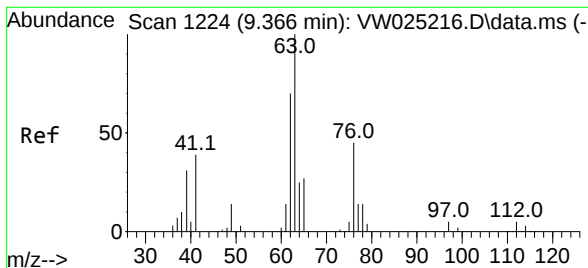
Tgt Ion: 95 Resp: 166810
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 94.1 64.5 119.7
130 98.0 66.8 124.0



#35
Methylcyclohexane
Concen: 25.854 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 83 Resp: 306607
Ion Ratio Lower Upper
83 100
55 75.2 61.0 91.4
98 48.8 38.6 58.0

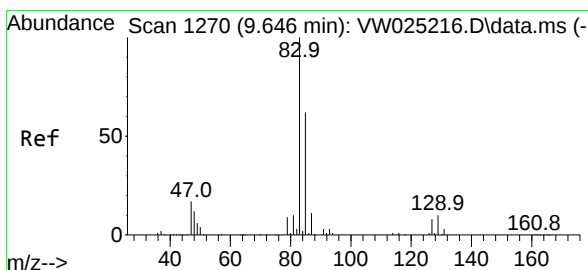
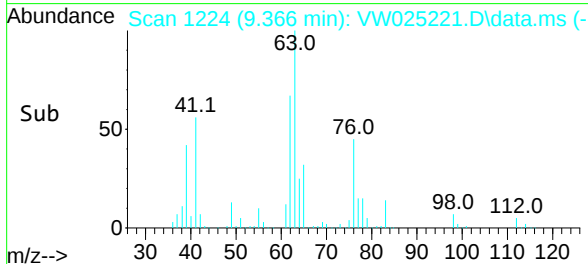
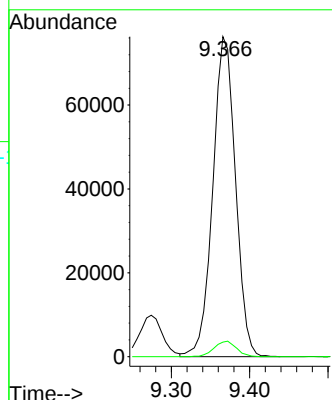
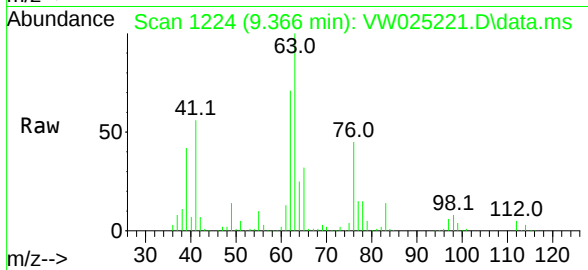




#37
1,2-Dichloropropane
Concen: 24.933 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

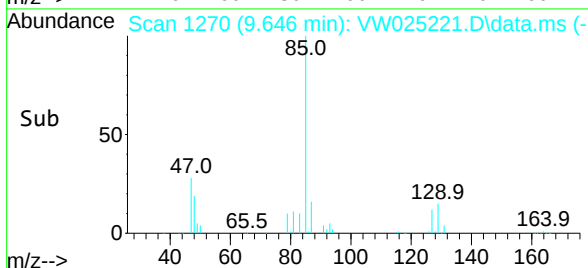
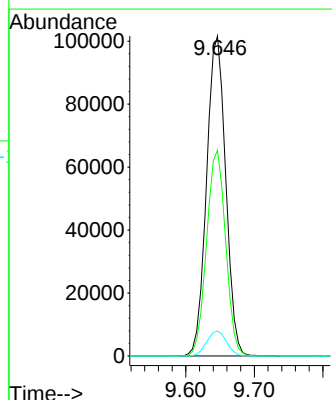
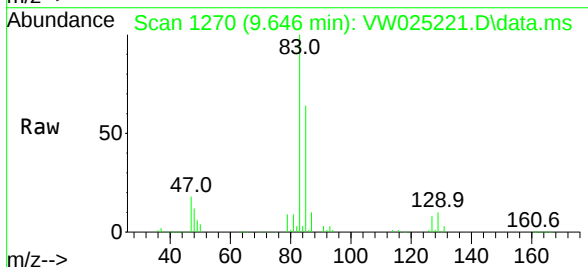
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

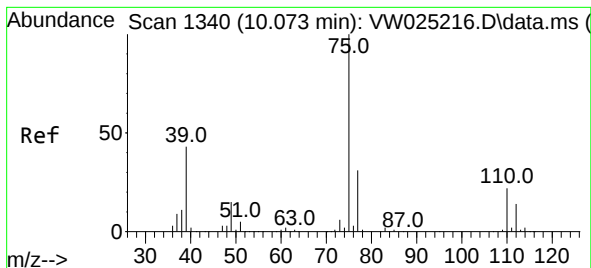
Tgt Ion: 63 Resp: 153638
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 25.592 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 83 Resp: 197135
Ion Ratio Lower Upper
83 100
85 64.3 43.4 80.6
127 7.8 6.6 10.0

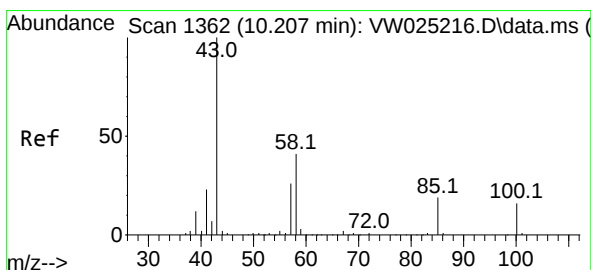
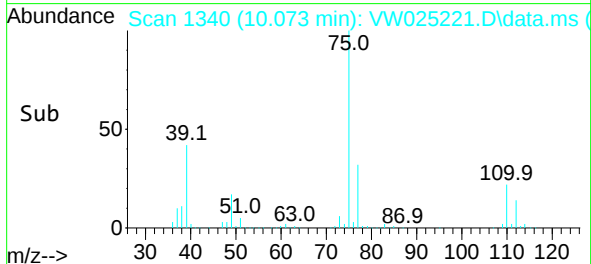
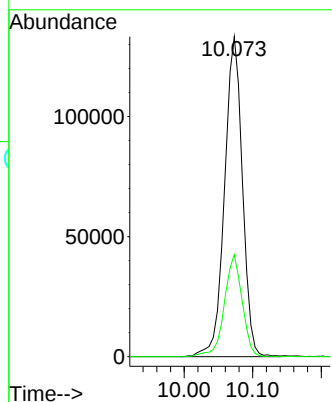
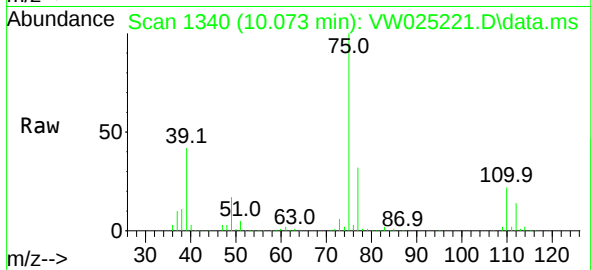




#39
cis-1,3-Dichloropropene
Concen: 25.651 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

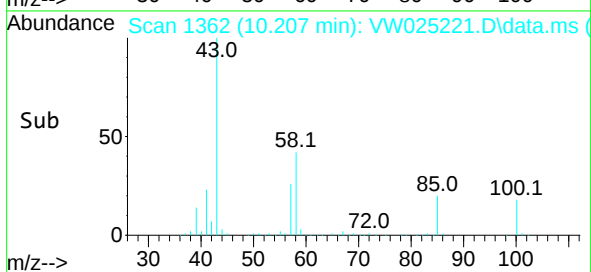
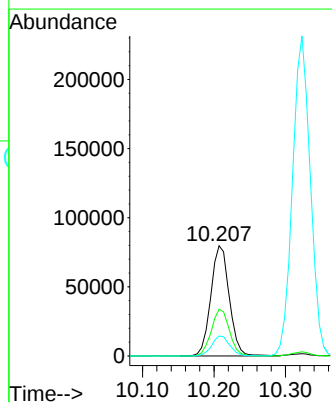
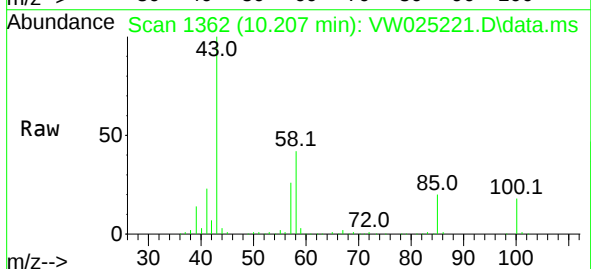
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

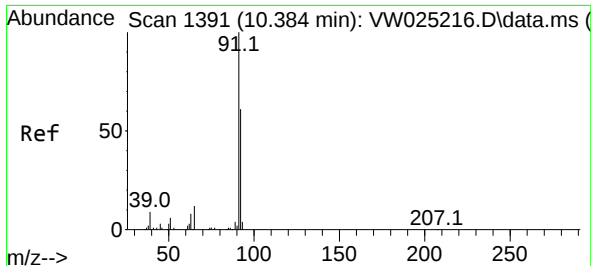
Tgt Ion: 75 Resp: 241111
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 44.456 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 43 Resp: 142965
Ion Ratio Lower Upper
43 100
58 41.5 33.0 49.6
100 17.7 13.4 20.2

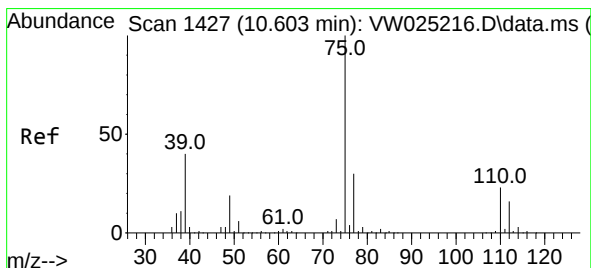
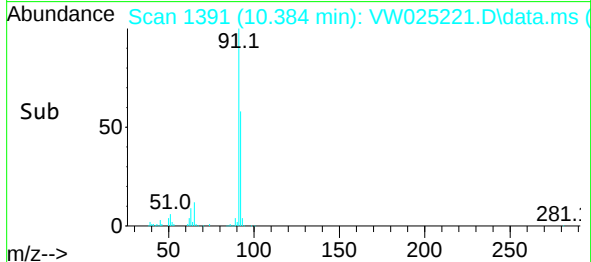
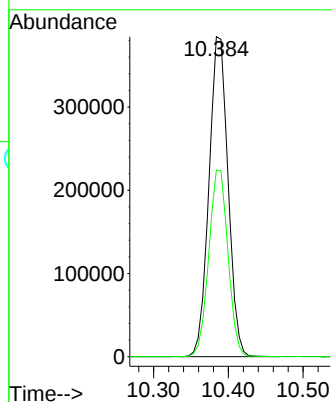
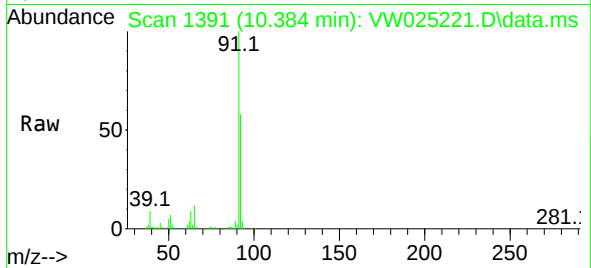




#42
Toluene
Concen: 25.830 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

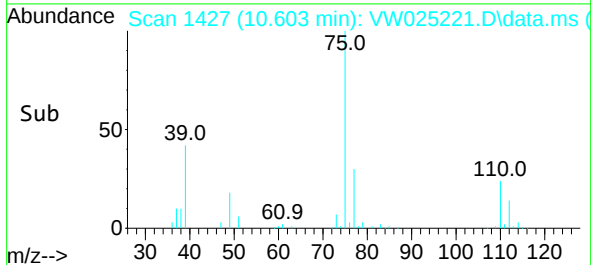
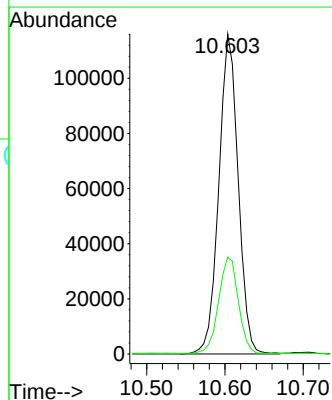
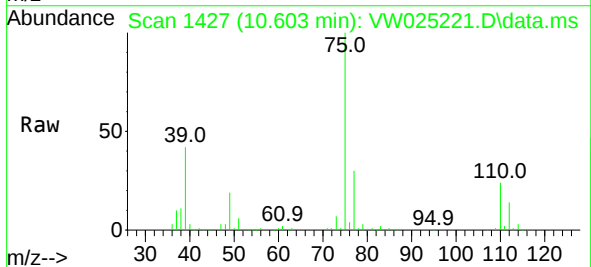
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

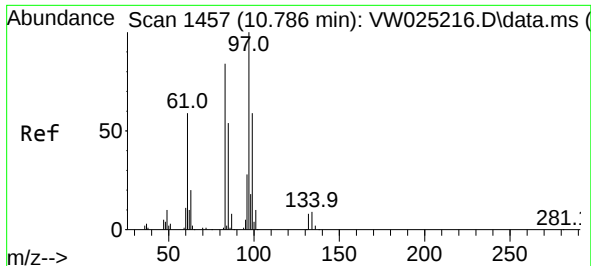
Tgt Ion: 91 Resp: 680829
Ion Ratio Lower Upper
91 100
92 58.3 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.796 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 75 Resp: 199395
Ion Ratio Lower Upper
75 100
77 30.3 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.383 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

Tgt Ion: 97 Resp: 104221

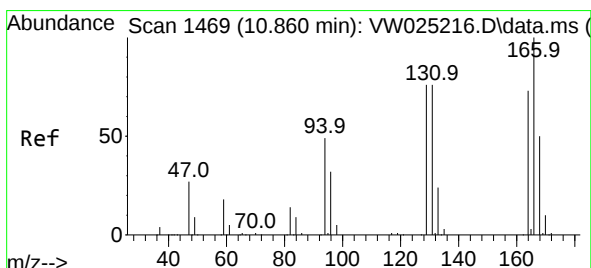
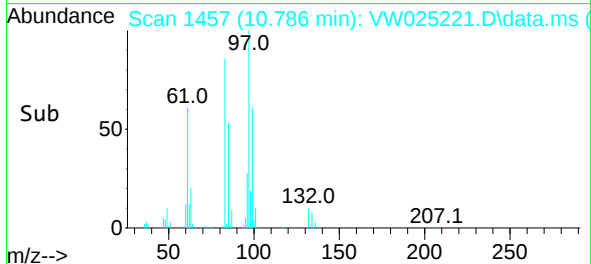
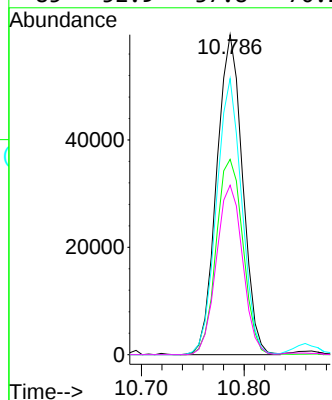
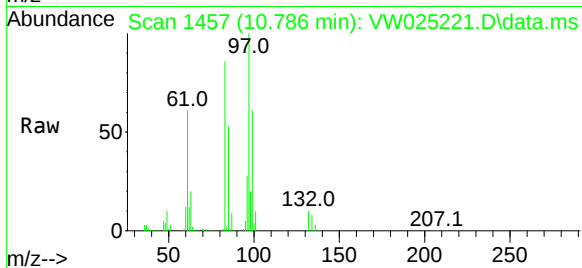
Ion Ratio Lower Upper

97 100

99 61.1 41.1 76.3

83 86.3 58.6 108.8

85 52.9 37.8 70.2



#46

Tetrachloroethene

Concen: 24.779 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Tgt Ion:164 Resp: 118978

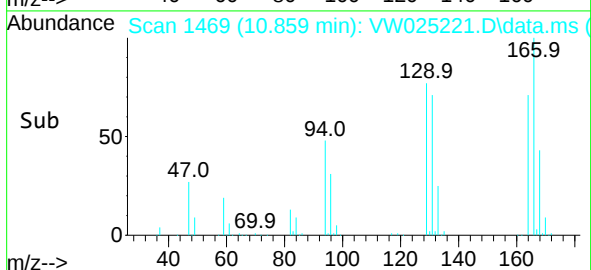
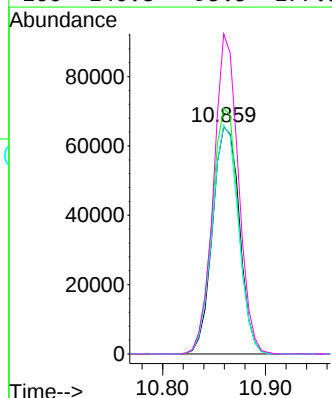
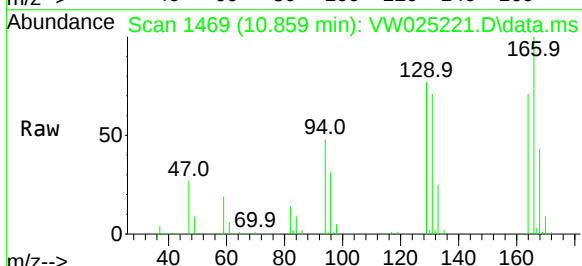
Ion Ratio Lower Upper

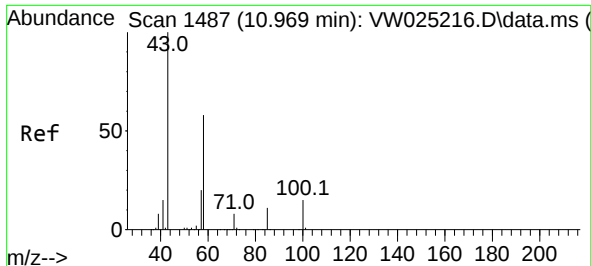
164 100

129 108.1 72.8 135.2

131 100.5 72.2 134.2

166 140.8 95.5 177.3



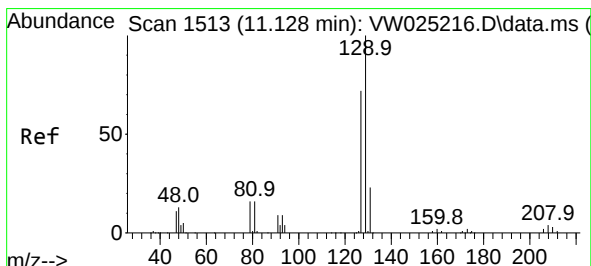
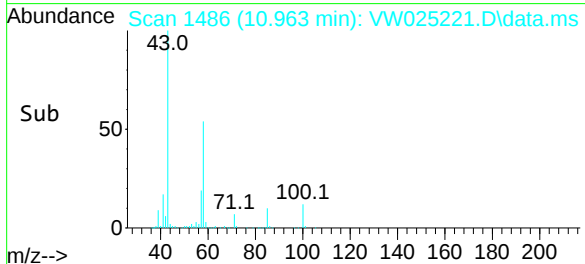
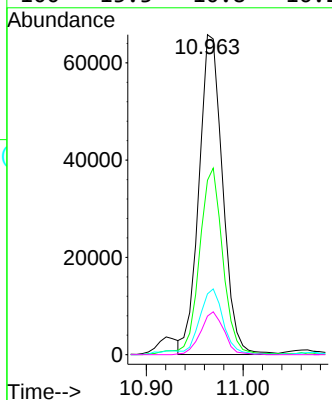
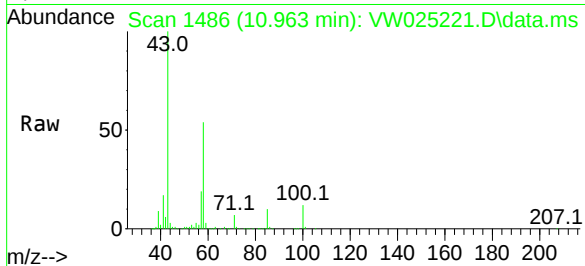


#48
2-Hexanone
Concen: 45.445 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion: 43 Resp: 112082

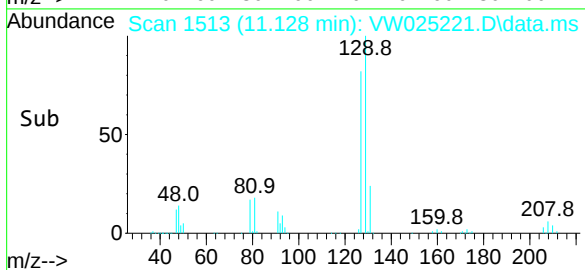
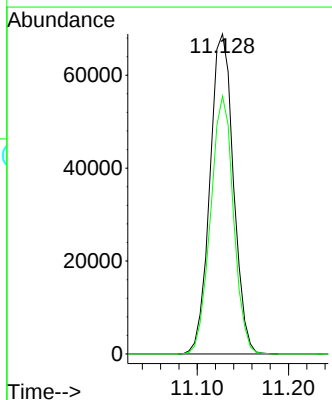
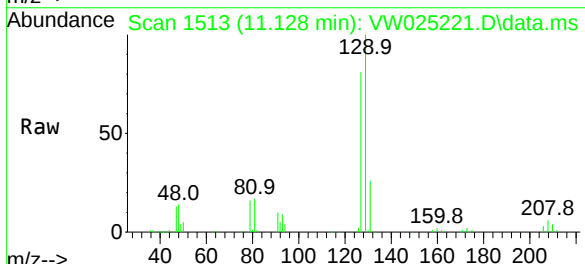
Ion	Ratio	Lower	Upper
43	100		
58	55.8	45.8	68.6
57	20.6	16.2	24.4
100	13.3	10.8	16.2

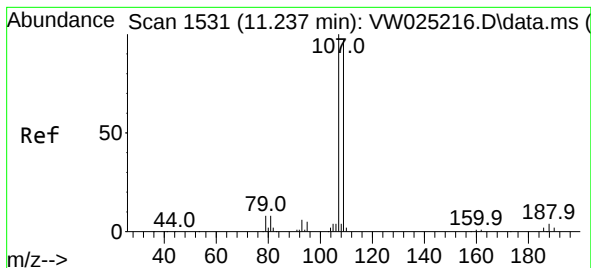


#49
Dibromochloromethane
Concen: 24.671 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 129 Resp: 123064

Ion	Ratio	Lower	Upper
129	100		
127	80.6	50.4	93.6

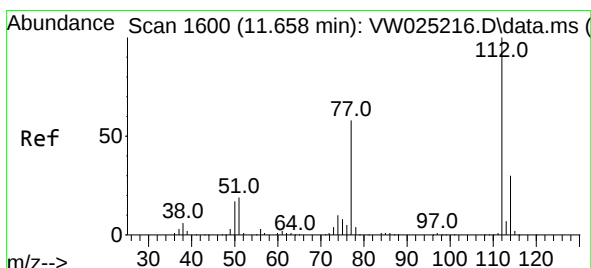
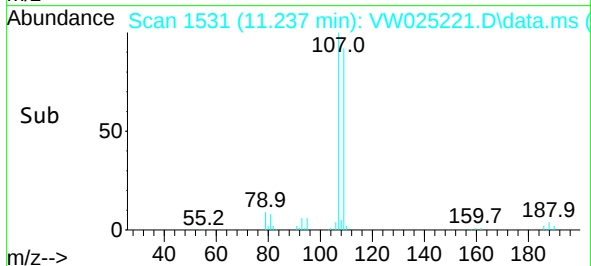
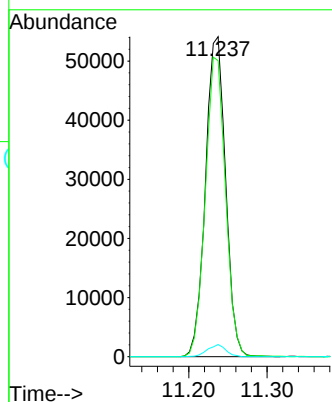
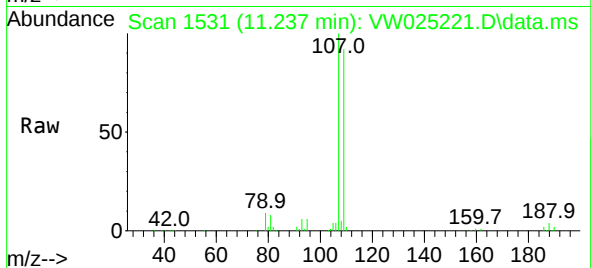




#50
1,2-Dibromoethane
Concen: 23.805 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

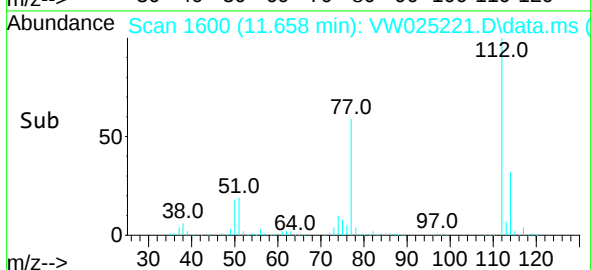
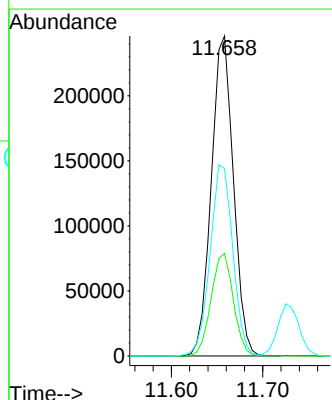
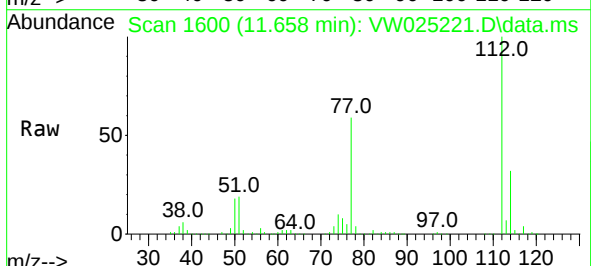
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

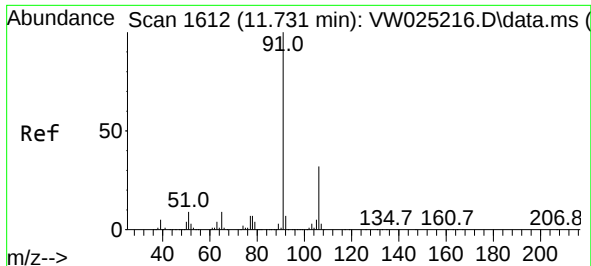
Tgt Ion:107 Resp: 96256
Ion Ratio Lower Upper
107 100
109 92.5 68.2 126.6
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 25.111 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion:112 Resp: 413394
Ion Ratio Lower Upper
112 100
114 32.1 21.1 39.1
77 58.6 46.6 69.8

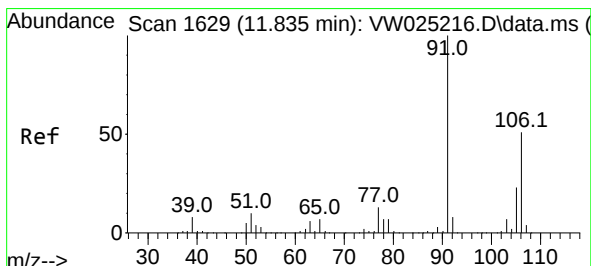
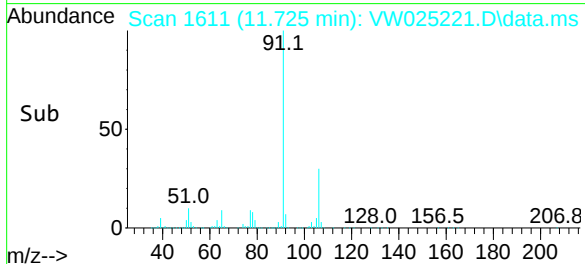
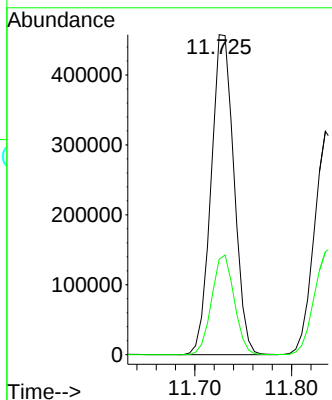
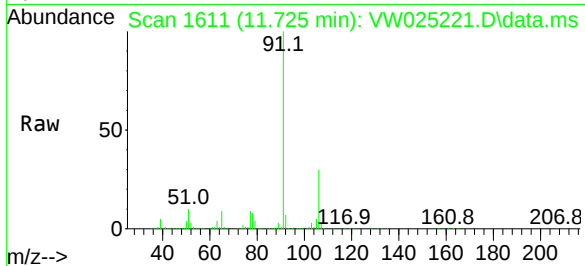




#52
Ethylbenzene
Concen: 25.637 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

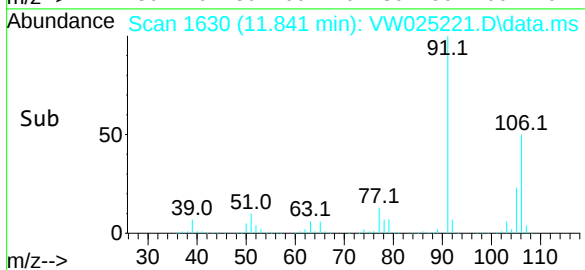
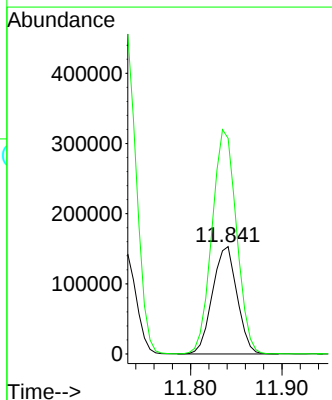
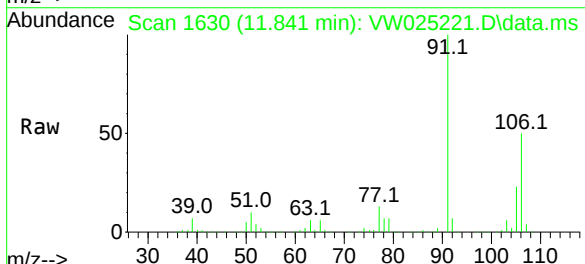
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

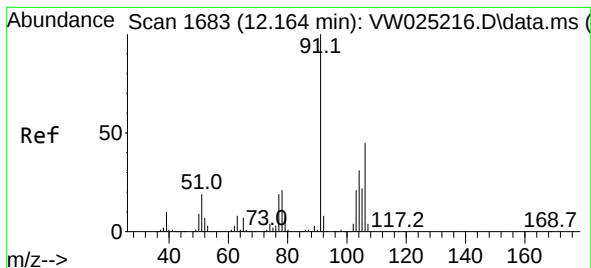
Tgt Ion: 91 Resp: 753032
Ion Ratio Lower Upper
91 100
106 29.8 22.1 41.1



#53
m,p-Xylene
Concen: 25.197 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion: 106 Resp: 286024
Ion Ratio Lower Upper
106 100
91 200.8 138.5 257.3





#54

o-Xylene

Concen: 25.828 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

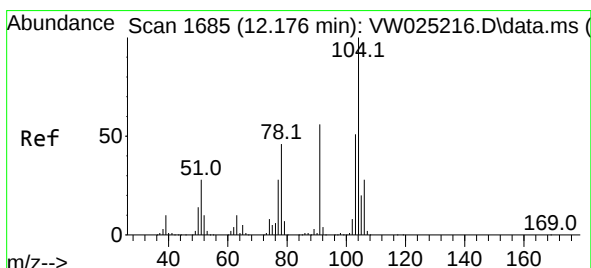
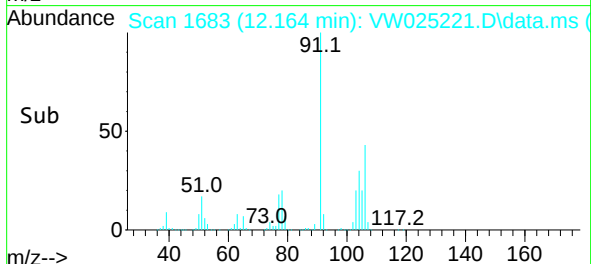
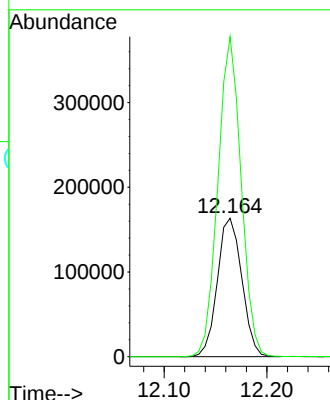
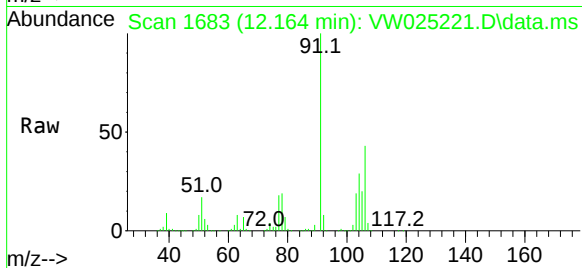
VSTD025520

Tgt Ion:106 Resp: 269831

Ion Ratio Lower Upper

106 100

91 231.1 155.3 288.5



#55

Styrene

Concen: 25.869 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025221.D

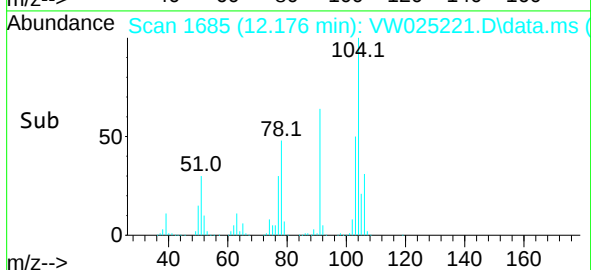
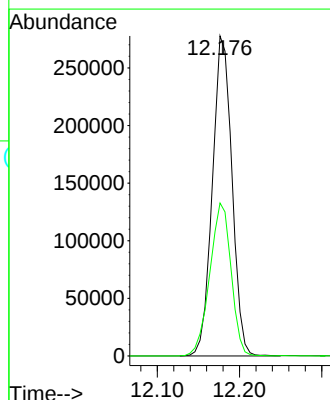
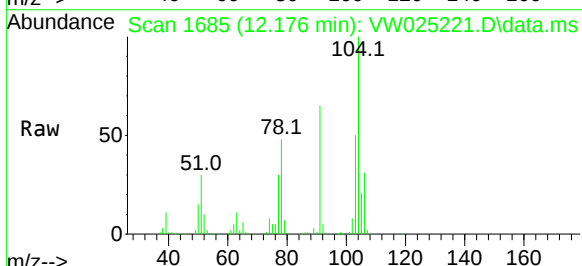
Acq: 11 Jan 2023 12:09

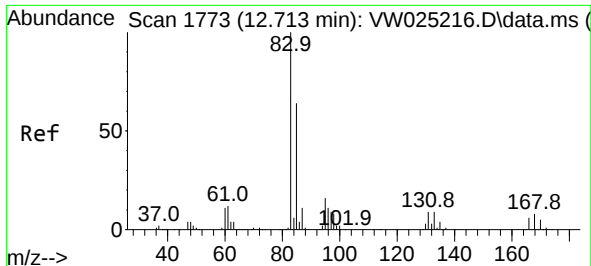
Tgt Ion:104 Resp: 459298

Ion Ratio Lower Upper

104 100

78 47.8 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.232 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

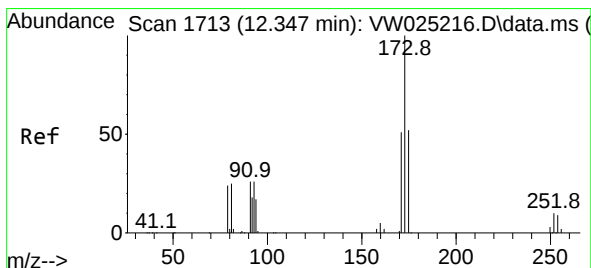
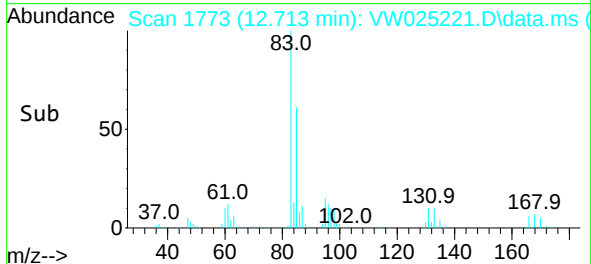
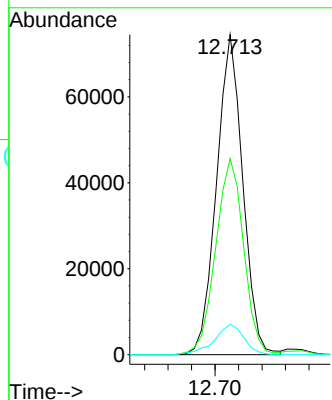
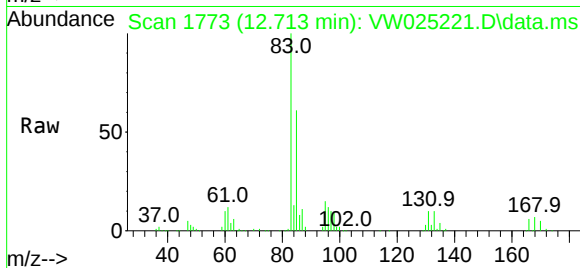
Tgt Ion: 83 Resp: 115496

Ion Ratio Lower Upper

83 100

85 61.2 44.8 83.2

131 9.5 7.4 11.0



#59

Bromoform

Concen: 24.148 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

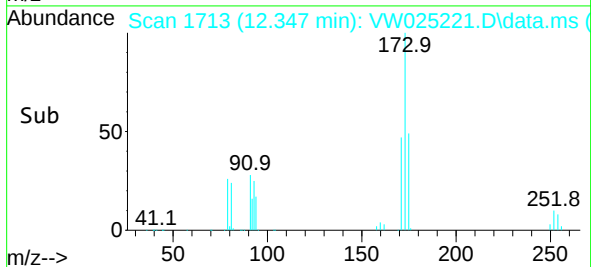
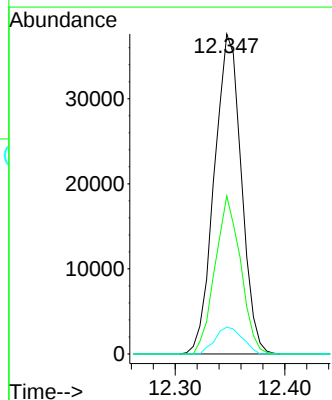
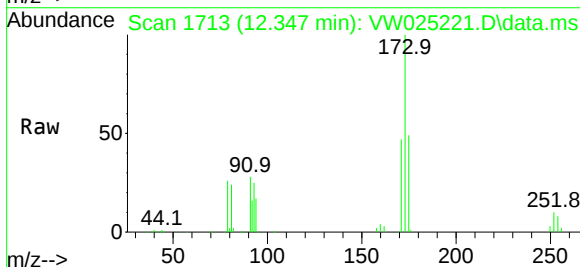
Tgt Ion:173 Resp: 64560

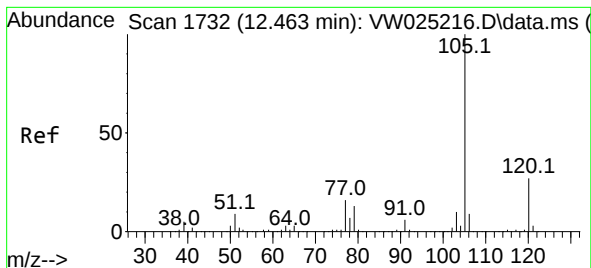
Ion Ratio Lower Upper

173 100

175 46.6 40.7 61.1

254 8.5 6.7 10.1





#60

Isopropylbenzene

Concen: 24.505 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

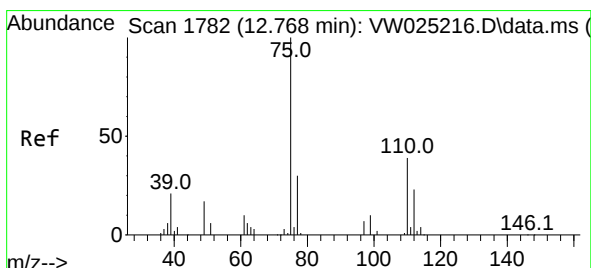
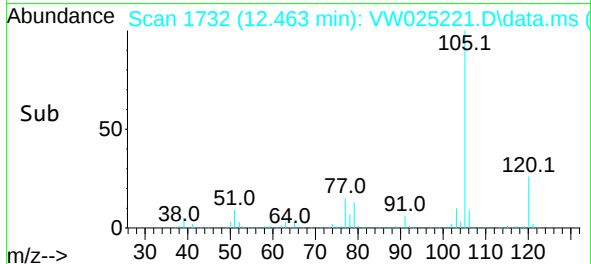
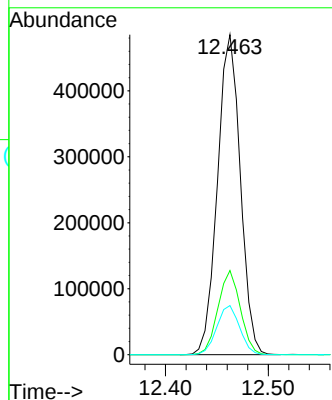
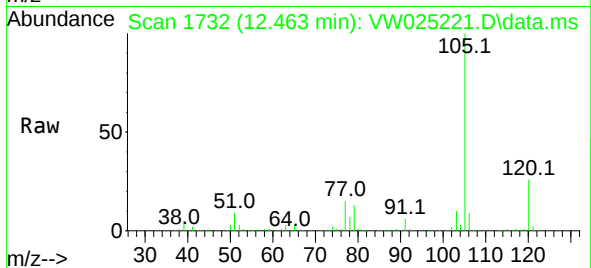
Tgt Ion:105 Resp: 748389

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 22.271 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

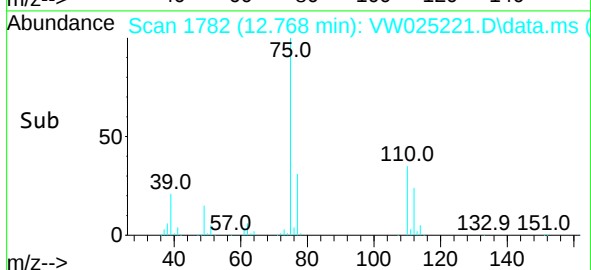
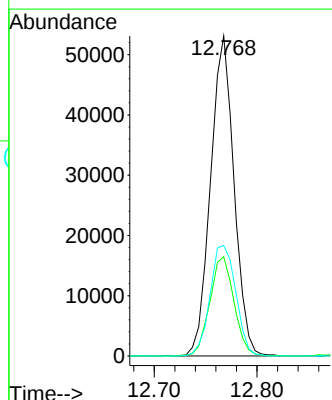
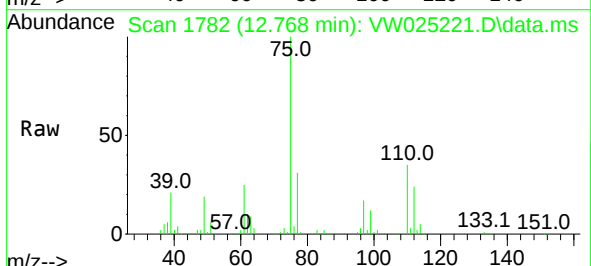
Tgt Ion: 75 Resp: 84213

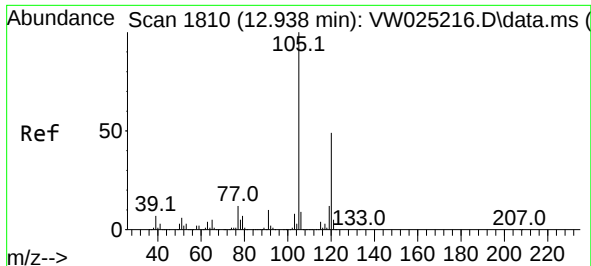
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 37.8 31.2 46.8

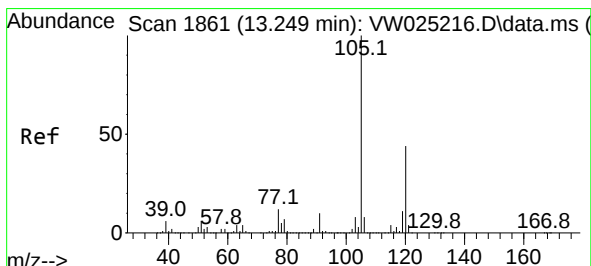
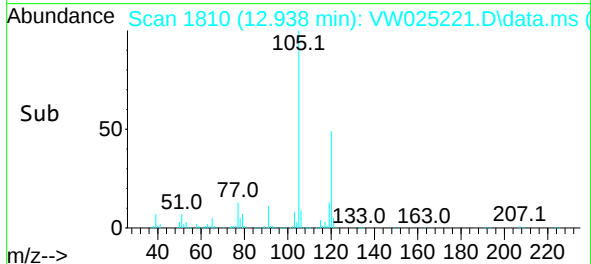
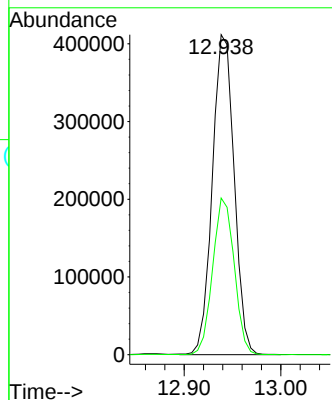
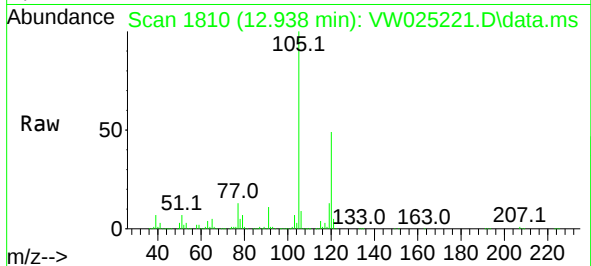




#62
1,3,5-Trimethylbenzene
Concen: 24.906 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

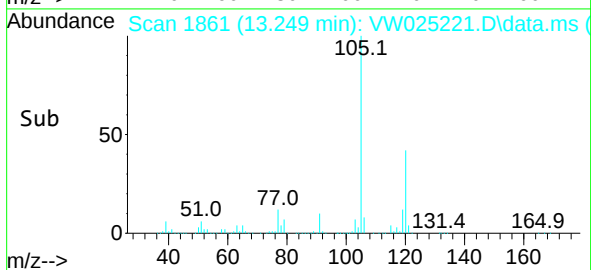
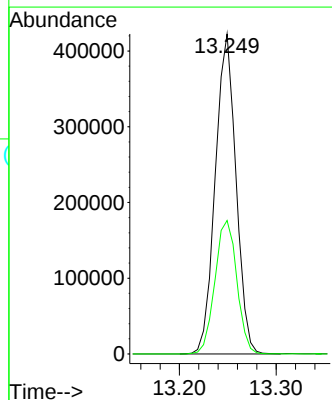
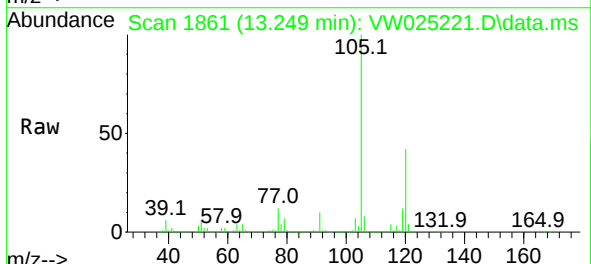
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

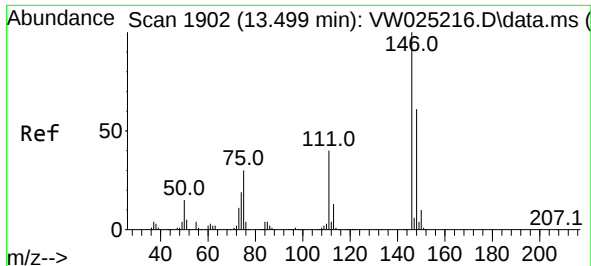
Tgt Ion:105 Resp: 644896
Ion Ratio Lower Upper
105 100
120 48.3 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 24.578 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion:105 Resp: 627796
Ion Ratio Lower Upper
105 100
120 44.1 35.1 52.7

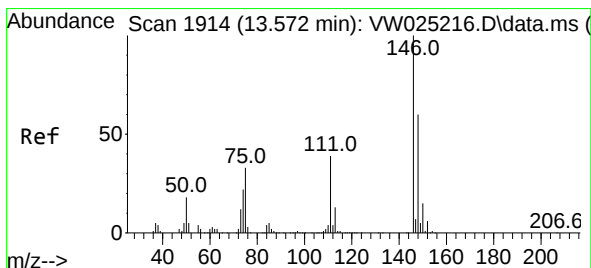
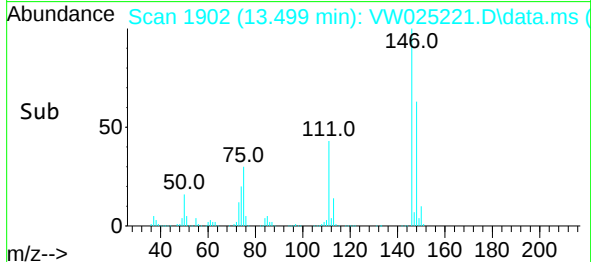
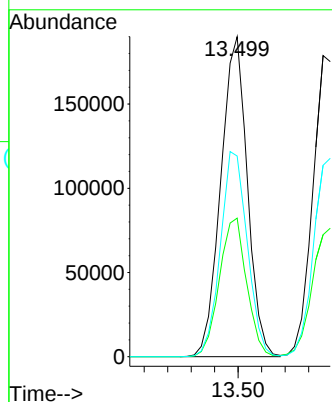
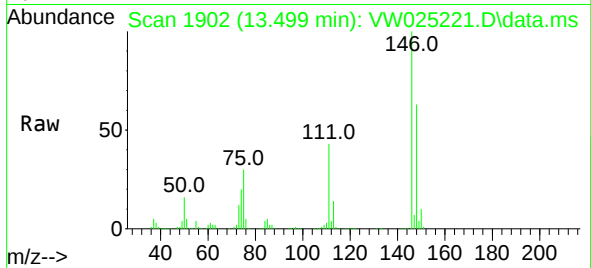




#64
1,3-Dichlorobenzene
Concen: 23.918 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

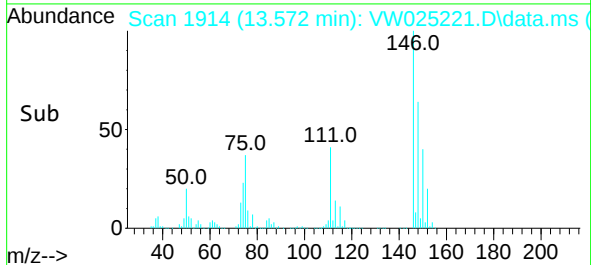
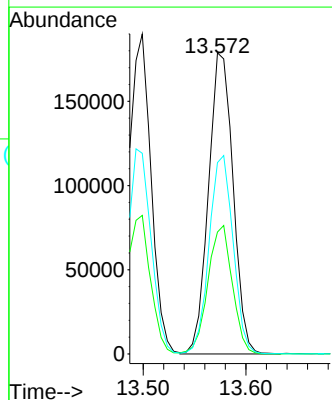
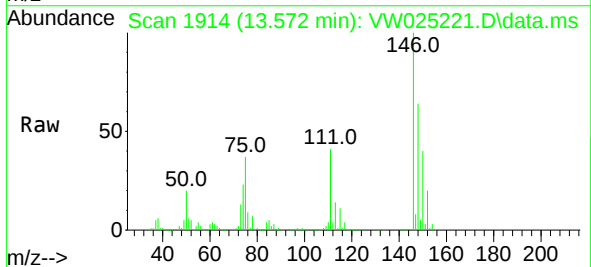
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

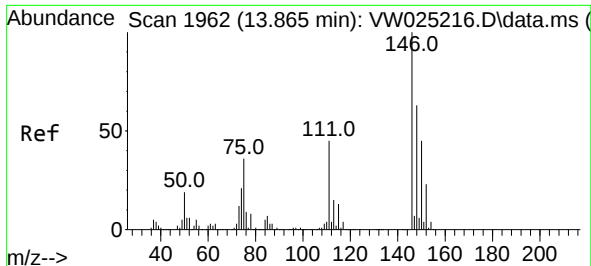
Tgt Ion:146 Resp: 298574
Ion Ratio Lower Upper
146 100
111 43.3 28.3 52.7
148 62.7 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 24.018 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion:146 Resp: 297129
Ion Ratio Lower Upper
146 100
111 40.5 27.4 51.0
148 63.6 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 24.576 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025520

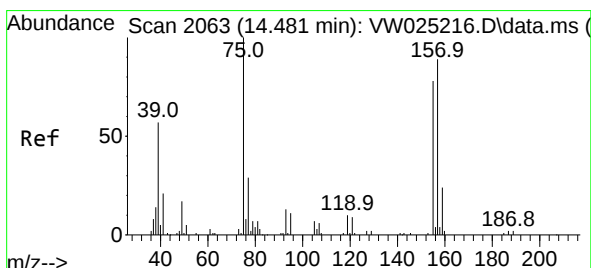
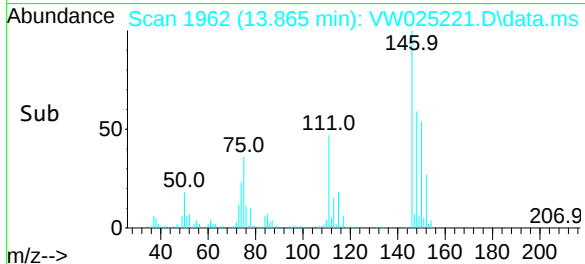
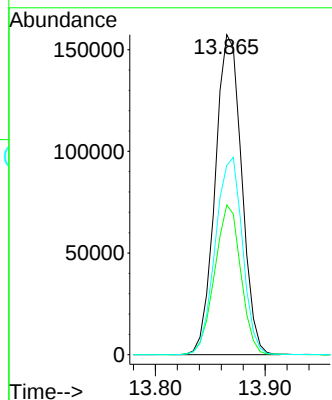
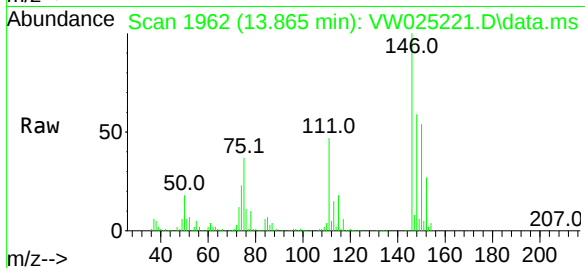
Tgt Ion:146 Resp: 264768

Ion Ratio Lower Upper

146 100

111 46.8 36.1 54.1

148 59.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.189 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025221.D

Acq: 11 Jan 2023 12:09

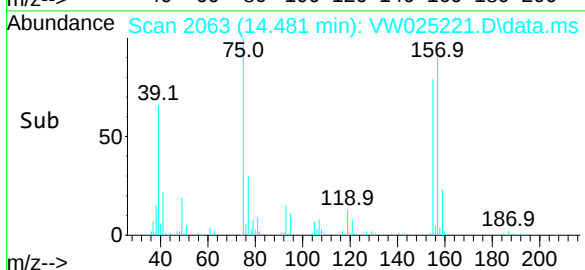
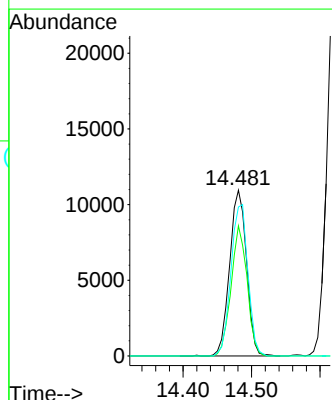
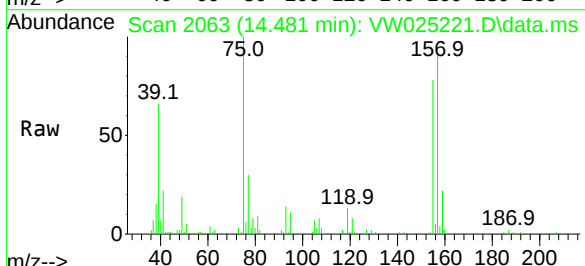
Tgt Ion: 75 Resp: 18793

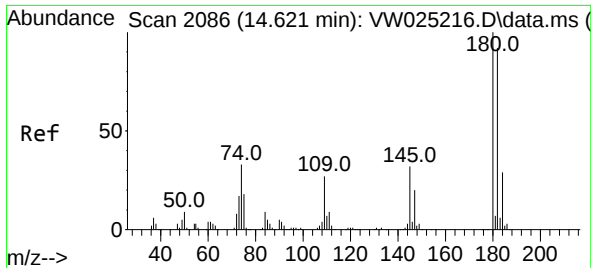
Ion Ratio Lower Upper

75 100

155 78.4 62.3 93.5

157 89.8 71.1 106.7

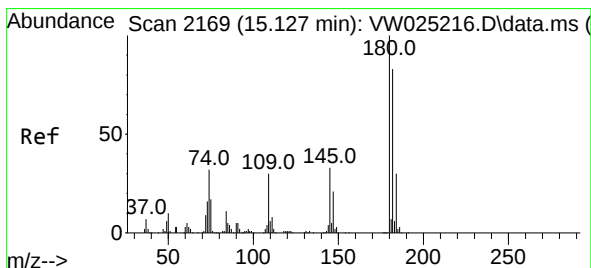
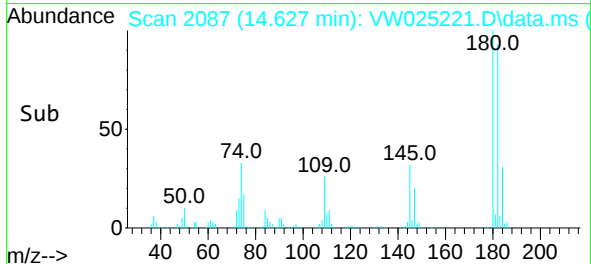
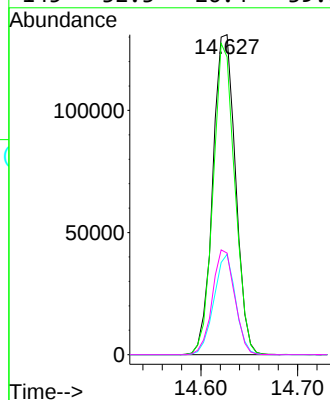
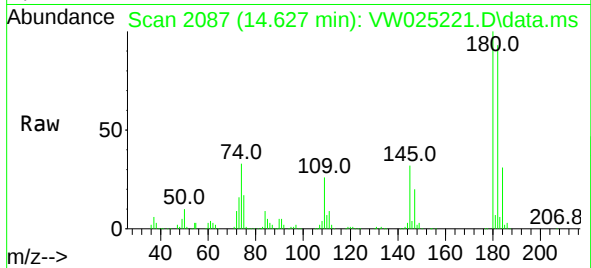




#69
1,3,5-Trichlorobenzene
Concen: 23.966 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

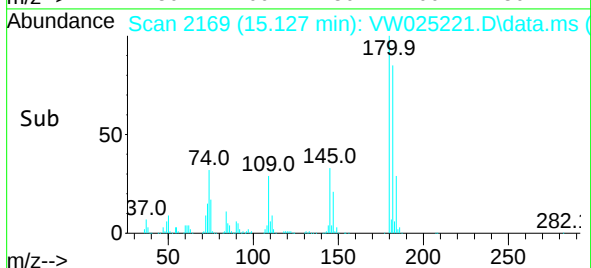
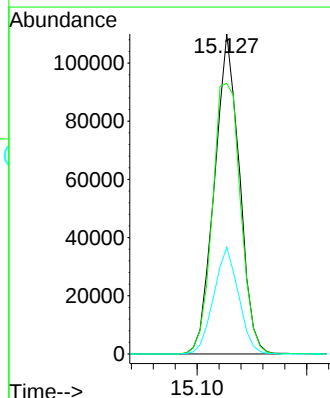
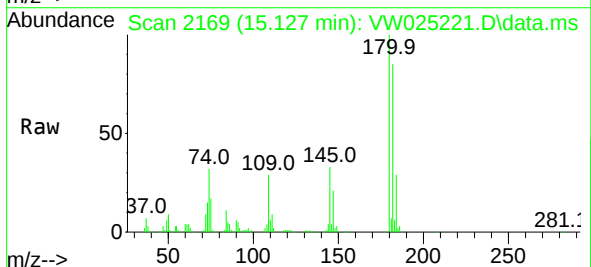
Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

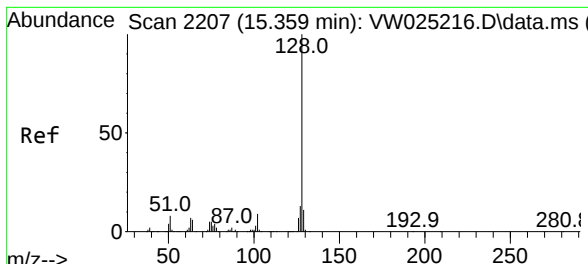
Tgt Ion:	180	Resp:	213147
Ion Ratio	Lower	Upper	
180	100		
182	92.9	75.1	112.7
184	29.9	23.3	34.9
145	32.3	26.4	39.6



#70
1,2,4-trichlorobenzene
Concen: 23.064 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion:	180	Resp:	174191
Ion Ratio	Lower	Upper	
180	100		
182	95.2	72.5	108.7
145	33.1	27.0	40.4

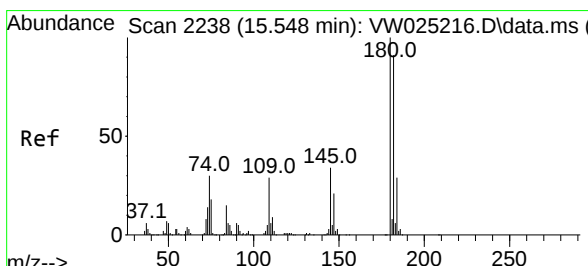
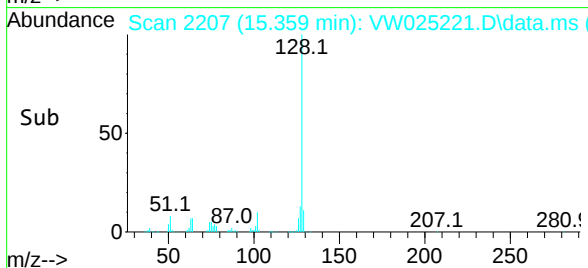
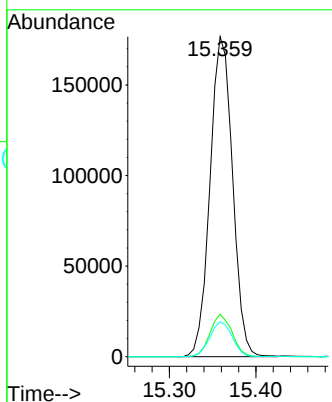
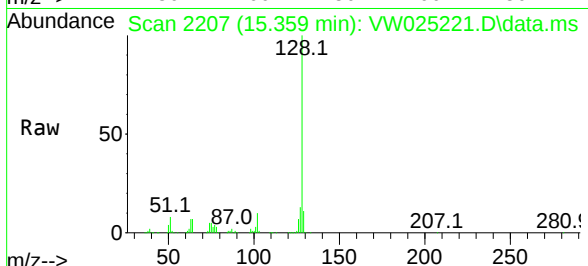




#71
Naphthalene
Concen: 21.590 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Tgt Ion:128 Resp: 319566
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 22.193 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW025221.D
Acq: 11 Jan 2023 12:09

Tgt Ion:180 Resp: 143774
Ion Ratio Lower Upper
180 100
182 93.2 76.5 114.7
145 35.0 28.6 42.8

