

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025217.D
 Acq On : 03 Jan 2023 13:52
 Operator : SY/MD
 Sample : VSTD05002
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050402

Quant Time: Jan 04 00:37:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	527763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	463846	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	299762	48.924	ug/L	0.00
7) Chloroethane-d5	2.885	69	191883	49.703	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	657564	49.000	ug/L	0.00
21) 2-Butanone-d5	7.074	46	162160	104.427	ug/L	0.00
24) Chloroform-d	7.647	84	661604	50.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	335280	49.207	ug/L	0.00
32) Benzene-d6	8.275	84	1388458	49.849	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	408059	50.082	ug/L	0.00
41) Toluene-d8	10.323	98	1278535	50.436	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	183714	52.657	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	137302	106.943	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	299934	52.639	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	402726	51.241	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	132564	44.284	ug/L	91
3) Chloromethane	2.215	50	244470	46.331	ug/L	99
5) Vinyl chloride	2.361	62	315675	46.904	ug/L	99
6) Bromomethane	2.776	94	159308	45.094	ug/L	100
8) Chloroethane	2.916	64	148970	47.488	ug/L	99
9) Trichlorofluoromethane	3.257	101	221737	47.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	325456	47.971	ug/L	99
12) 1,1-Dichloroethene	4.038	96	319505	48.831	ug/L	96
13) Acetone	4.117	43	152220	83.817	ug/L	99
14) Carbon disulfide	4.385	76	1042973	48.107	ug/L	99
15) Methyl Acetate	4.672	43	127250	48.495	ug/L	99
16) Methylene chloride	4.915	84	323705	39.656	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	338735	48.333	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	484055	49.275	ug/L	100
19) 1,1-Dichloroethane	6.214	63	600980	48.746	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	358652	49.237	ug/L	94
22) 2-Butanone	7.171	43	191785	95.039	ug/L	100
23) Bromochloromethane	7.513	128	148393	48.806	ug/L	96
25) Chloroform	7.677	83	588858	48.579	ug/L	100
27) 1,2-Dichloroethane	8.397	62	364577	48.593	ug/L	100
29) Cyclohexane	7.958	56	599690	49.048	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	500989	48.632	ug/L	99
31) Carbon tetrachloride	8.067	117	455377	48.538	ug/L	100
33) Benzene	8.323	78	1347743	48.064	ug/L	100
34) Trichloroethene	9.092	95	350816	47.975	ug/L	92
35) Methylcyclohexane	9.335	83	647173	48.770	ug/L	99
37) 1,2-Dichloropropane	9.366	63	328231	47.604	ug/L	100
38) Bromodichloromethane	9.646	83	422162	48.978	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	531150	50.499	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	358432	99.607	ug/L	99
42) Toluene	10.384	91	1424343	48.293	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	448833	49.882	ug/L	97

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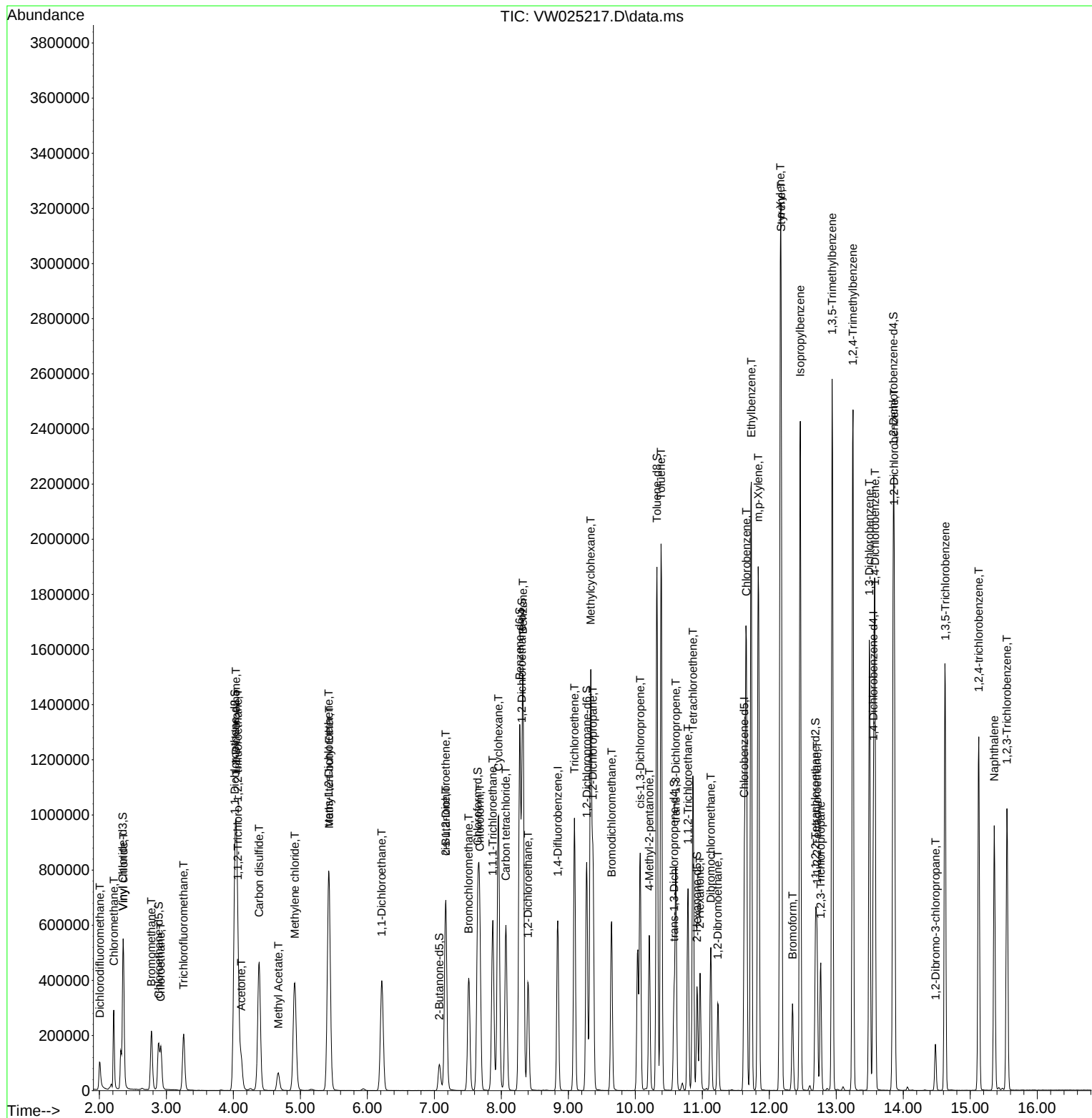
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	233440	48.808	ug/L	98
46) Tetrachloroethene	10.860	164	251708	46.850	ug/L	93
48) 2-Hexanone	10.963	43	271297	98.306	ug/L	99
49) Dibromochloromethane	11.128	129	270837	48.522	ug/L	88
50) 1,2-Dibromoethane	11.231	107	218956	48.393	ug/L	99
51) Chlorobenzene	11.658	112	887834	48.197	ug/L	98
52) Ethylbenzene	11.731	91	1616561	49.185	ug/L	100
53) m,p-Xylene	11.835	106	621913	48.963	ug/L	100
54) o-Xylene	12.164	106	592141	50.653	ug/L	94
55) Styrene	12.176	104	1001339	50.403	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	269936	50.614	ug/L	98
59) Bromoform	12.347	173	141747	48.580	ug/L	95
60) Isopropylbenzene	12.463	105	1610431	48.316	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	195993	47.493	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1381195	48.875	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1379835	49.497	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	656530	48.189	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	661057	48.961	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	567277	48.246	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	44353	47.984	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	467398	48.152	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	393817	47.778	ug/L	98
71) Naphthalene	15.359	128	779011	48.224	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	330702	46.773	ug/L	98

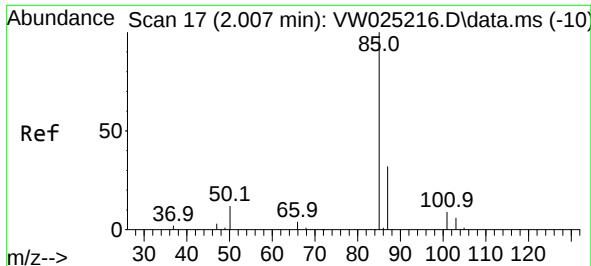
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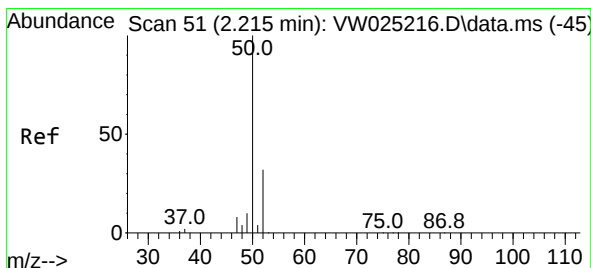
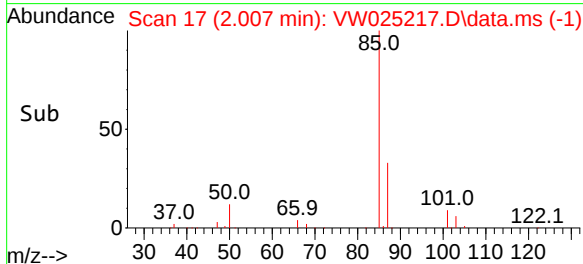
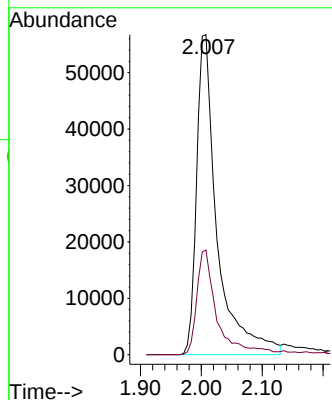
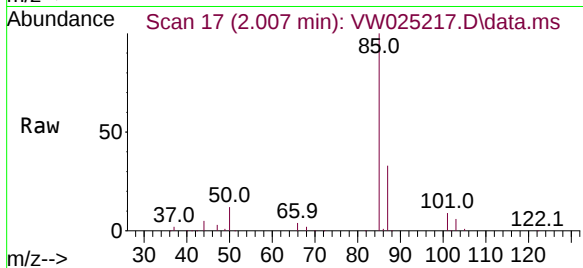




#2
Dichlorodifluoromethane
Concen: 44.284 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025217.D
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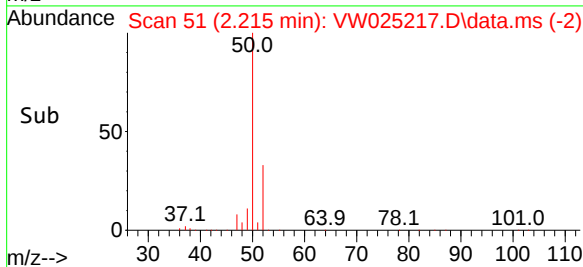
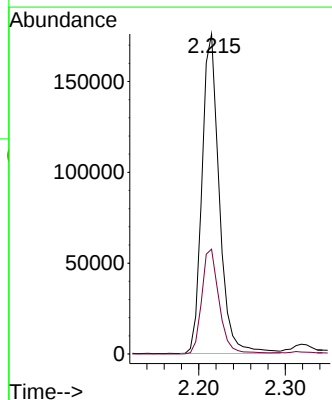
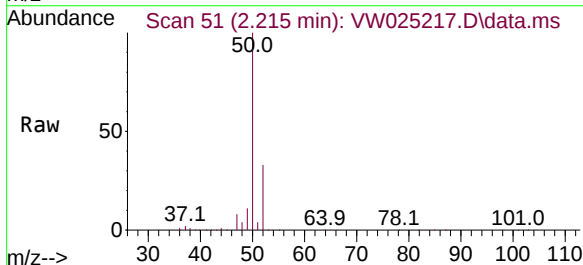
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

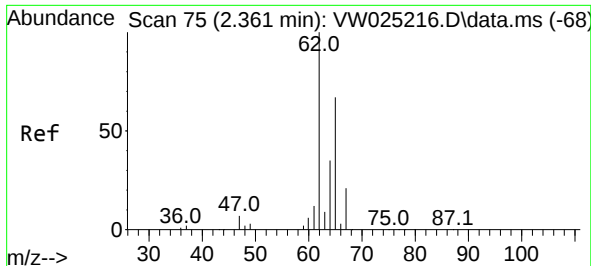
Tgt Ion: 85 Resp: 132564
Ion Ratio Lower Upper
85 100
87 28.1 26.6 39.8



#3
Chloromethane
Concen: 46.331 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 50 Resp: 244470
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

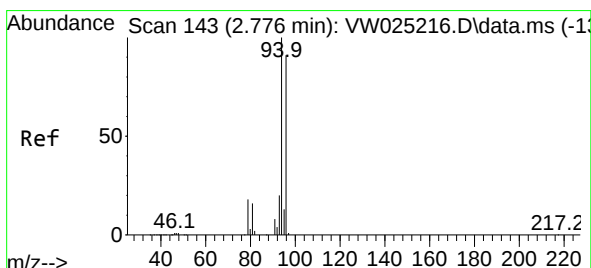
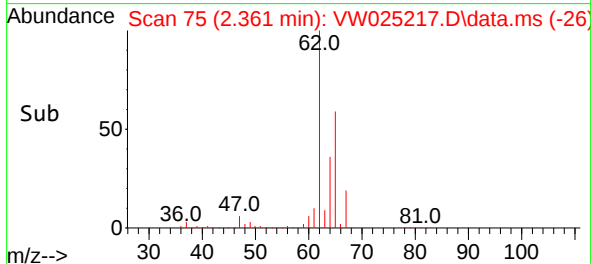
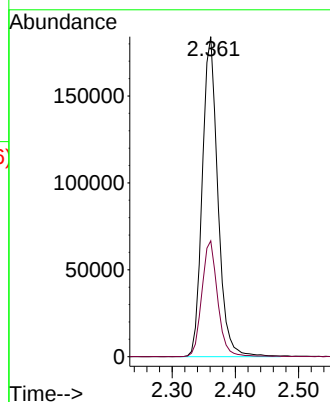
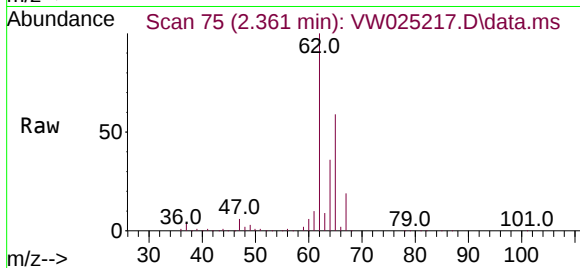




#5
 Vinyl chloride
 Concen: 46.904 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

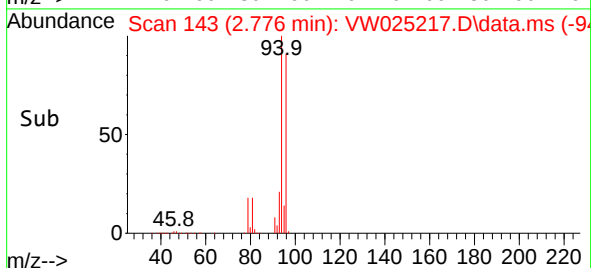
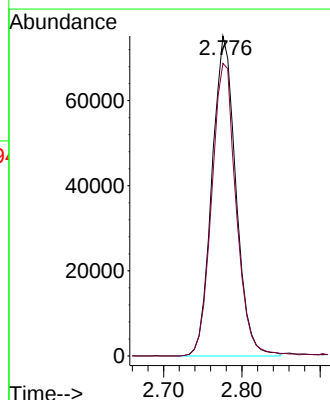
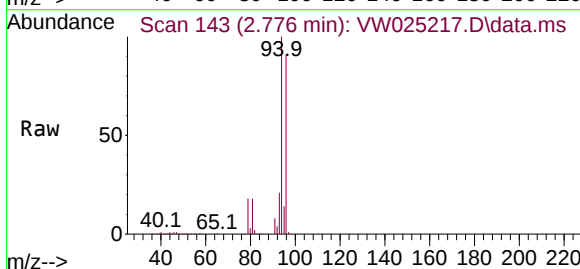
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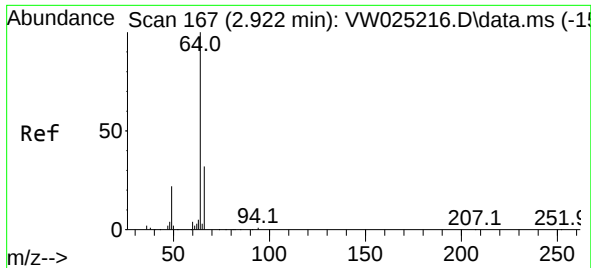
Tgt Ion: 62 Resp: 315675
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.8 46.1



#6
 Bromomethane
 Concen: 45.094 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

Tgt Ion: 94 Resp: 159308
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.9 118.7

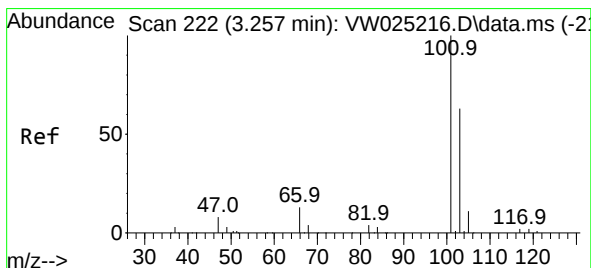
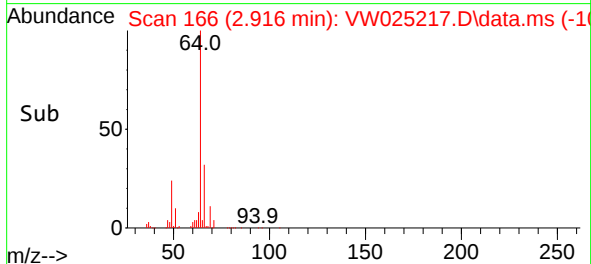
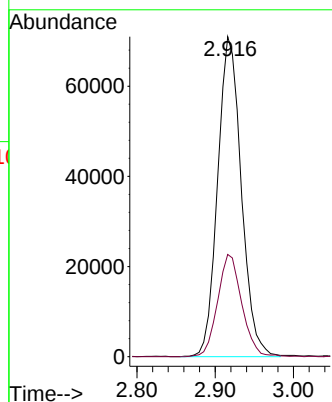
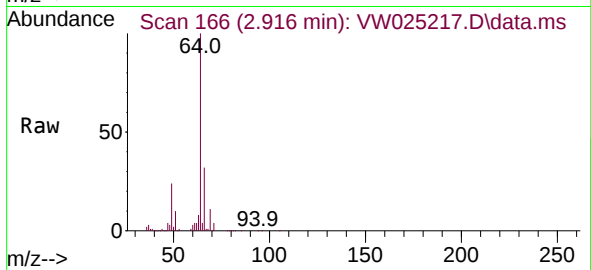




#8
Chloroethane
Concen: 47.488 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

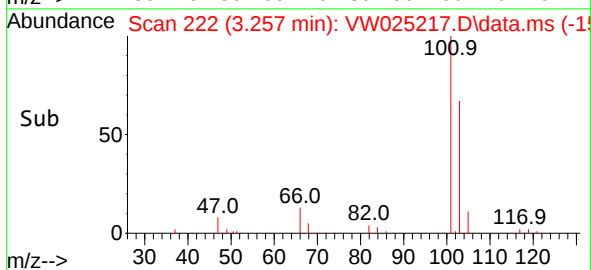
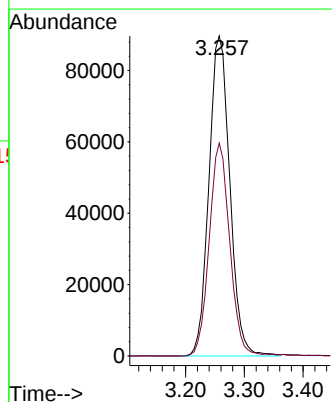
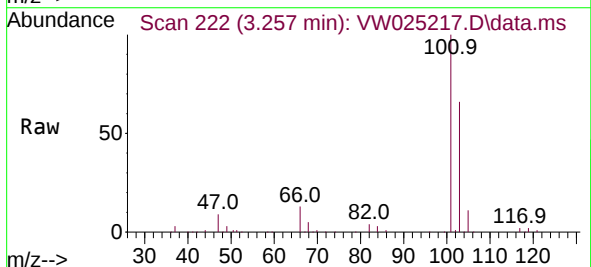
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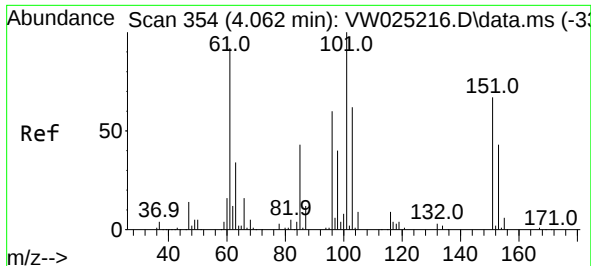
Tgt Ion: 64 Resp: 148970
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 47.566 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 101 Resp: 221737
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

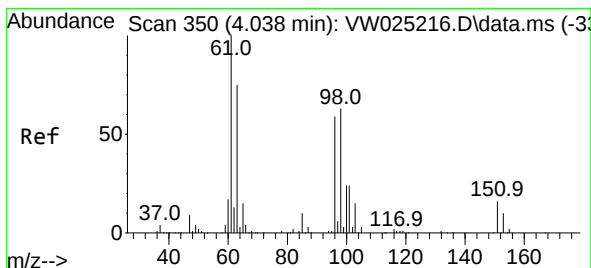
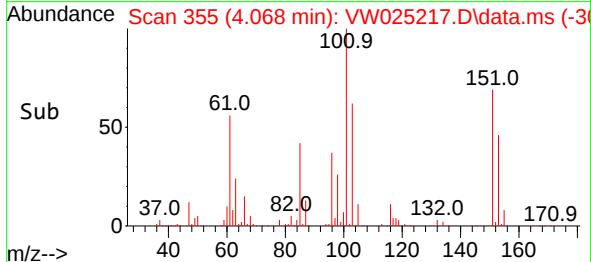
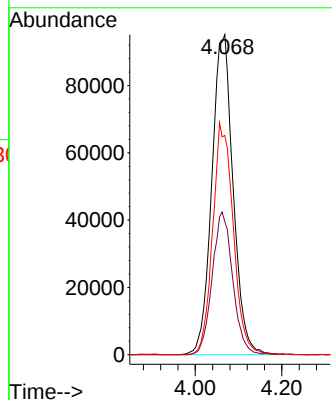
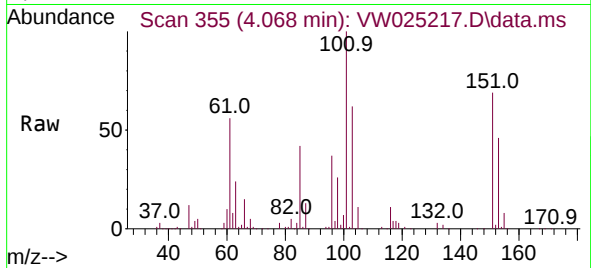




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.971 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

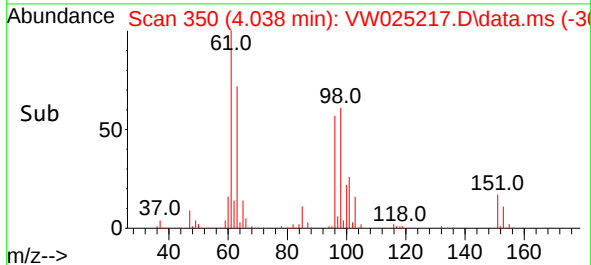
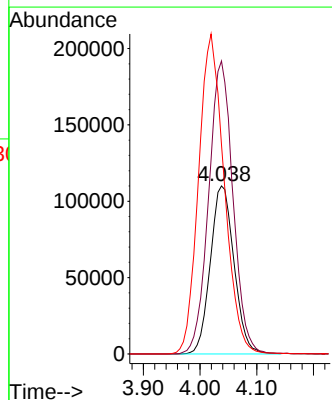
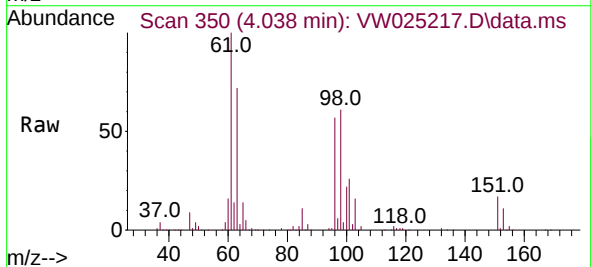
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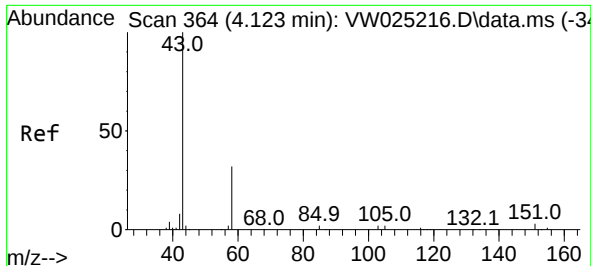
Tgt Ion:101 Resp: 325456
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.8 50.8
 151 69.9 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 48.831 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

Tgt Ion: 96 Resp: 319505
 Ion Ratio Lower Upper
 96 100
 61 174.4 119.3 221.5
 63 124.7 91.3 169.6

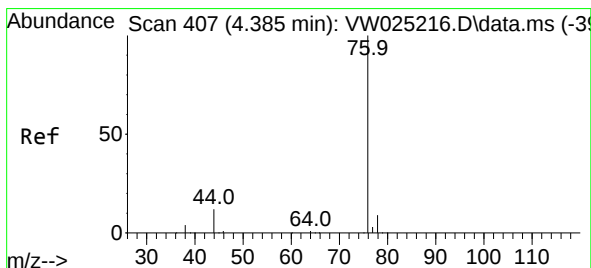
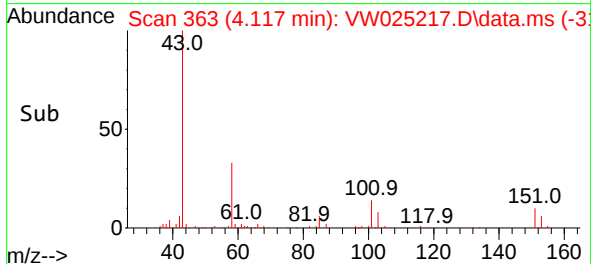
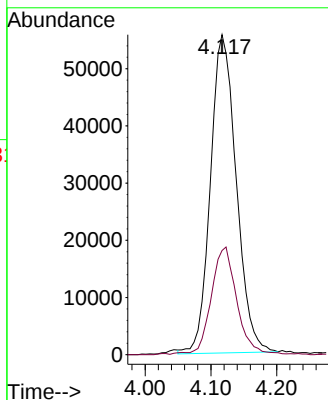
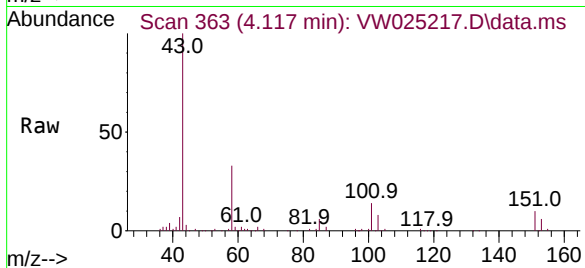




#13
Acetone
Concen: 83.817 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW025217.D
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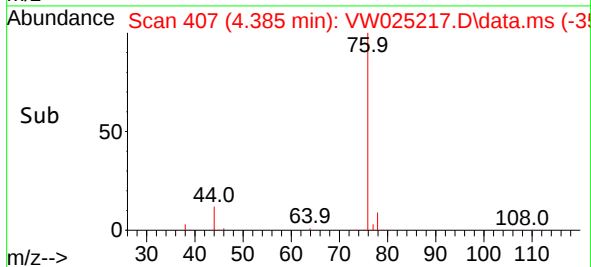
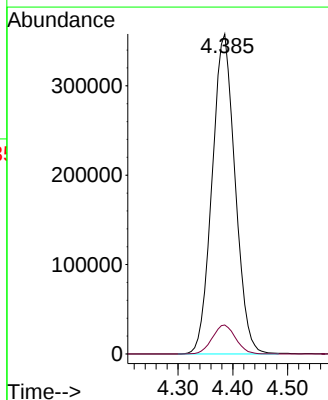
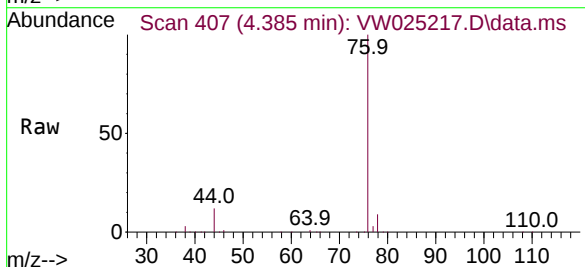
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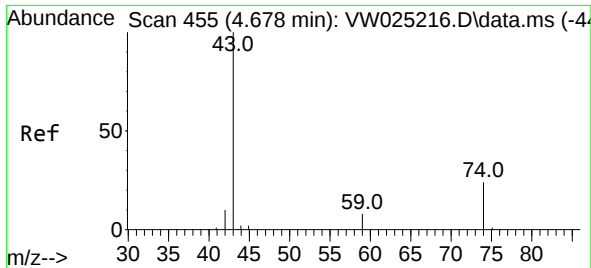
Tgt Ion: 43 Resp: 152220
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.8



#14
Carbon disulfide
Concen: 48.107 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Acq: 03 Jan 2023 13:52

Tgt Ion: 76 Resp: 1042973
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

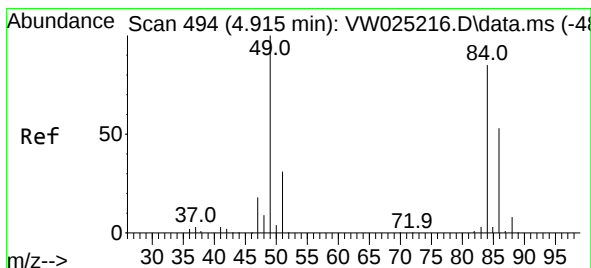
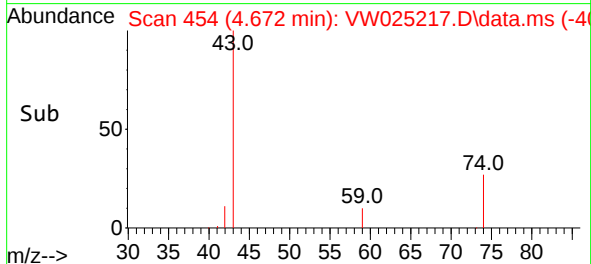
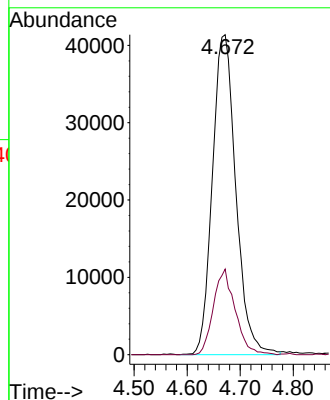
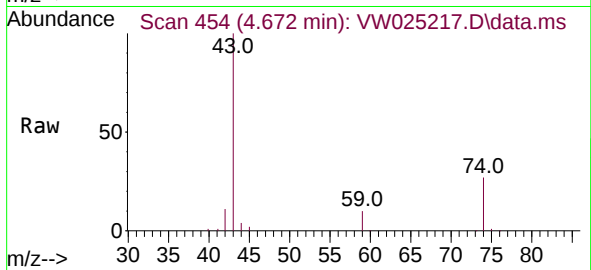




#15
Methyl Acetate
Concen: 48.495 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

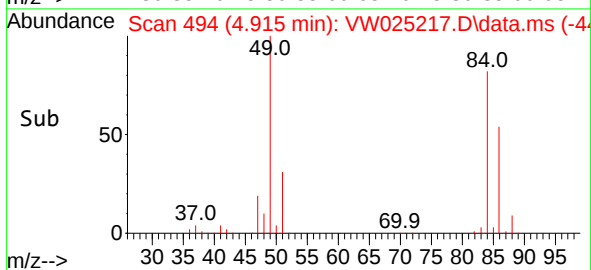
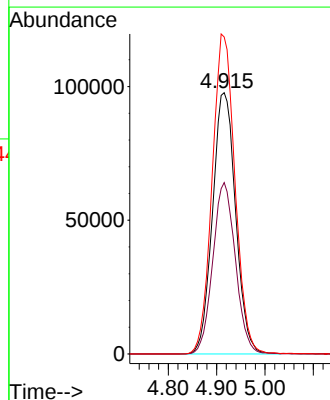
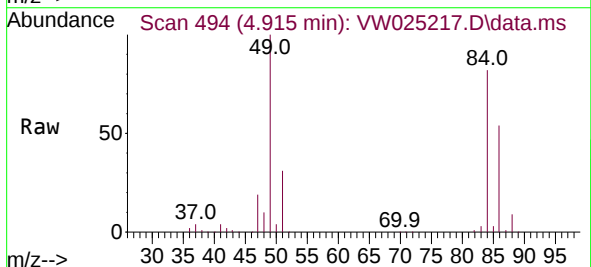
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

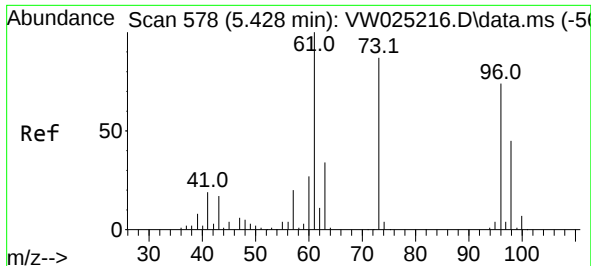
Tgt Ion: 43 Resp: 127250
Ion Ratio Lower Upper
43 100
74 24.8 20.4 30.6



#16
Methylene chloride
Concen: 39.656 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 84 Resp: 323705
Ion Ratio Lower Upper
84 100
86 65.6 43.4 80.6
49 121.3 82.0 152.2





#17

trans-1,2-Dichloroethene

Concen: 48.333 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD050402

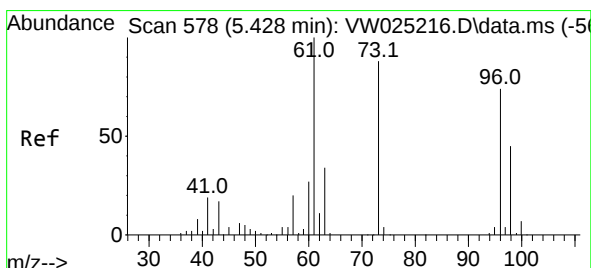
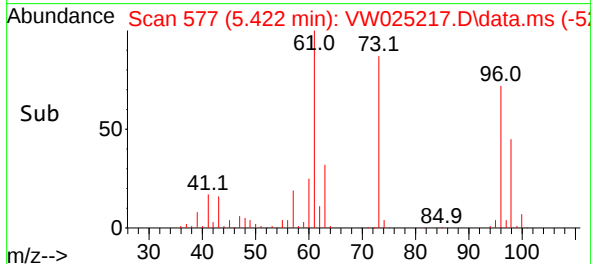
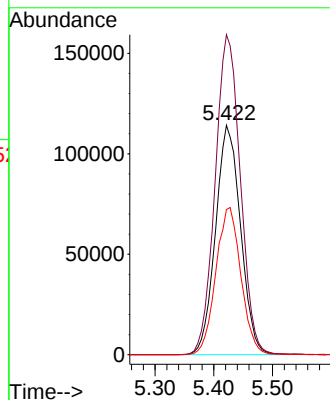
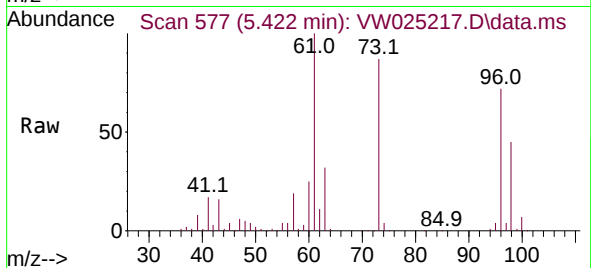
Tgt Ion: 96 Resp: 338735

Ion Ratio Lower Upper

96 100

61 139.4 94.2 175.0

98 63.2 42.8 79.6



#18

Methyl tert-butyl Ether

Concen: 49.275 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

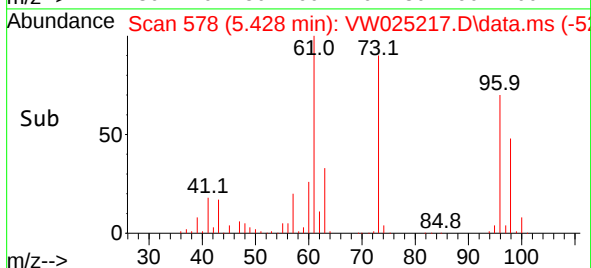
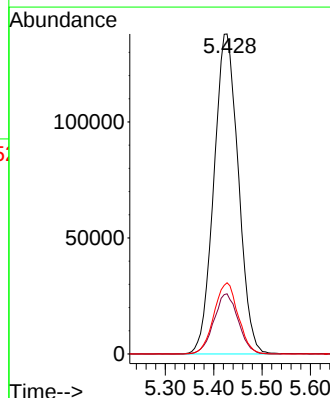
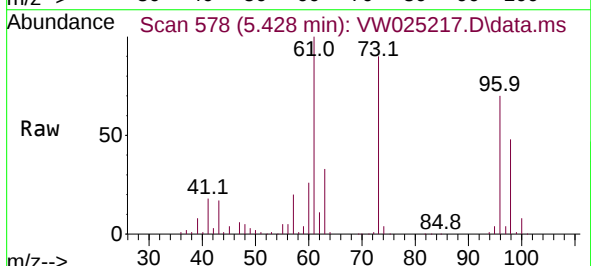
Tgt Ion: 73 Resp: 484055

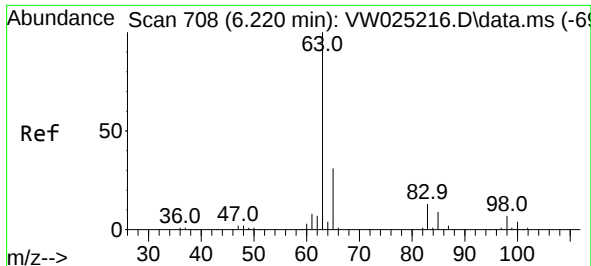
Ion Ratio Lower Upper

73 100

43 18.8 15.2 22.8

57 22.0 17.8 26.6

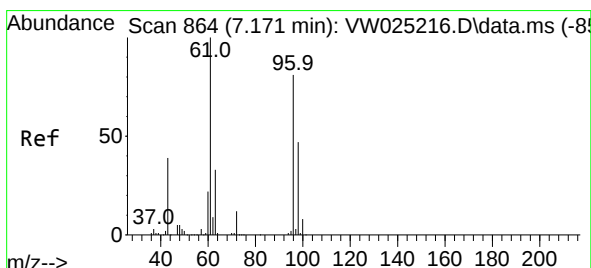
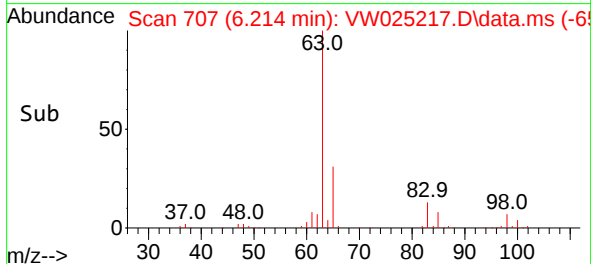
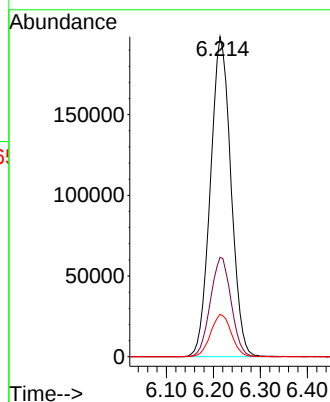
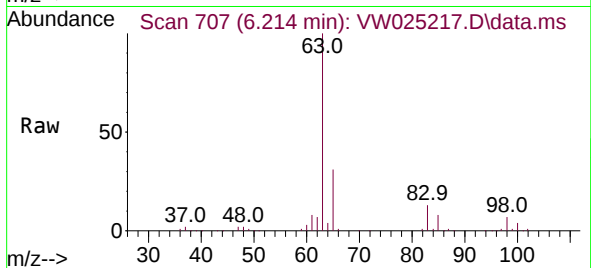




#19
 1,1-Dichloroethane
 Concen: 48.746 ug/L
 RT: 6.214 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

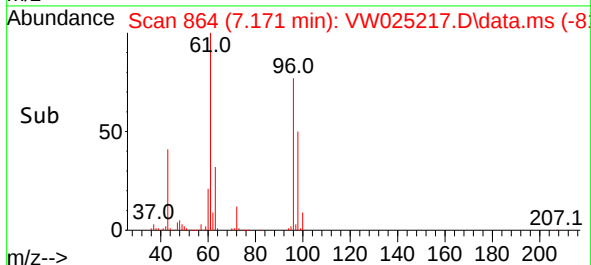
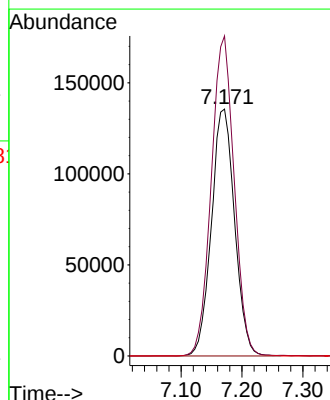
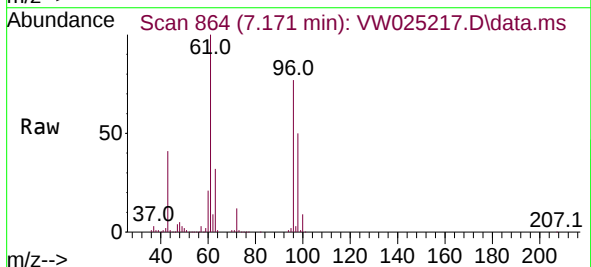
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050402

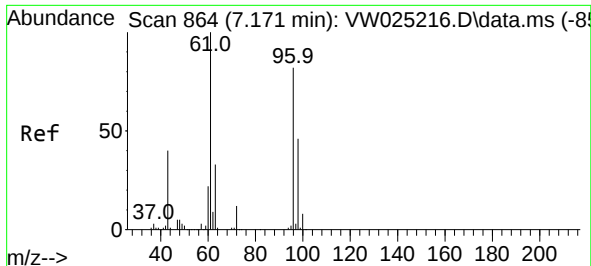
Tgt Ion: 63 Resp: 600980
 Ion Ratio Lower Upper
 63 100
 65 31.1 21.7 40.3
 83 13.3 8.8 16.4



#20
 cis-1,2-Dichloroethene
 Concen: 49.237 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

Tgt Ion: 96 Resp: 358652
 Ion Ratio Lower Upper
 96 100
 61 129.6 86.0 159.8
 68 0.0 0.0 0.0

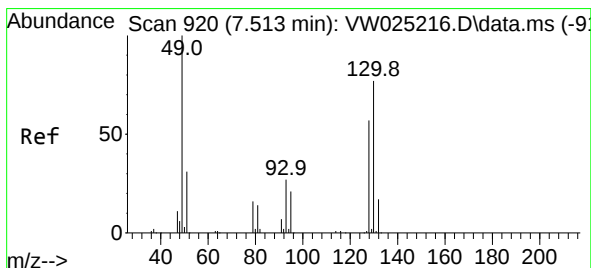
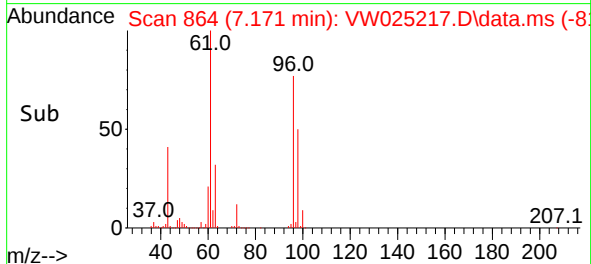
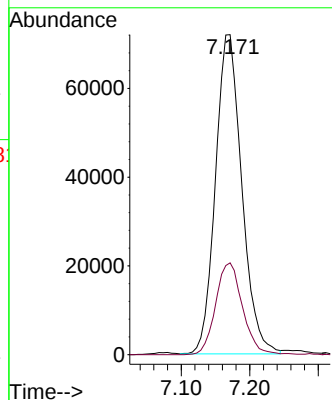
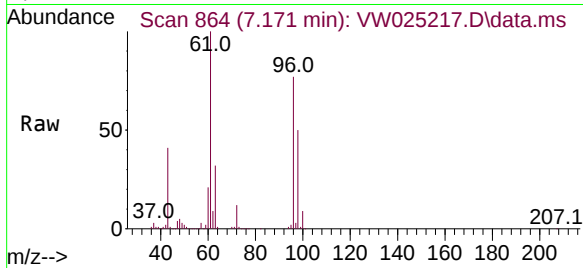




#22
2-Butanone
Concen: 95.039 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

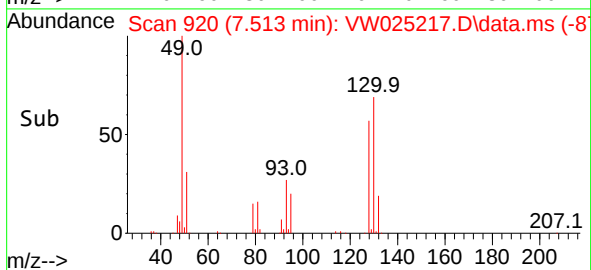
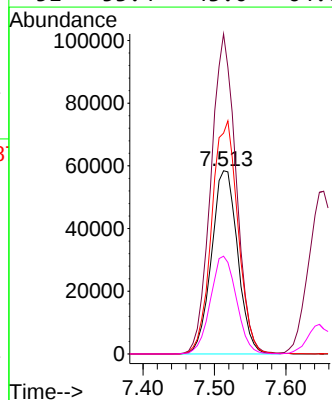
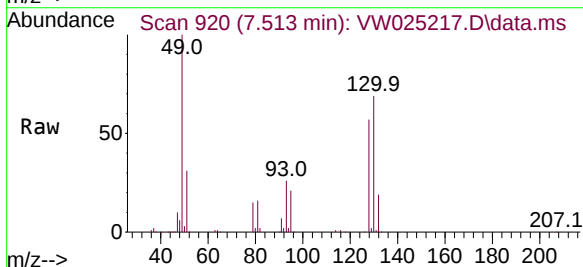
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

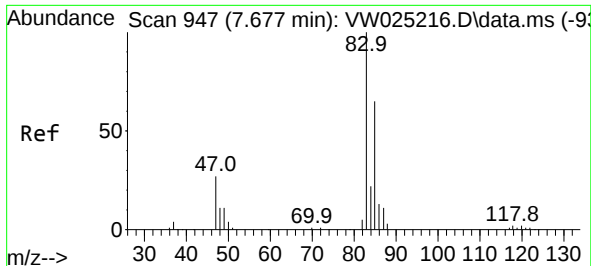
Tgt Ion: 43 Resp: 191785
Ion Ratio Lower Upper
43 100
72 29.2 14.7 44.1



#23
Bromochloromethane
Concen: 48.806 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 128 Resp: 148393
Ion Ratio Lower Upper
128 100
49 174.7 122.1 226.7
130 120.6 94.0 174.6
51 53.4 43.0 64.6

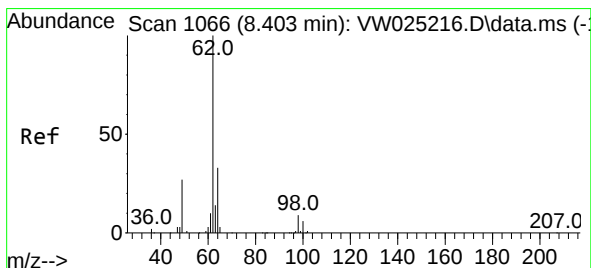
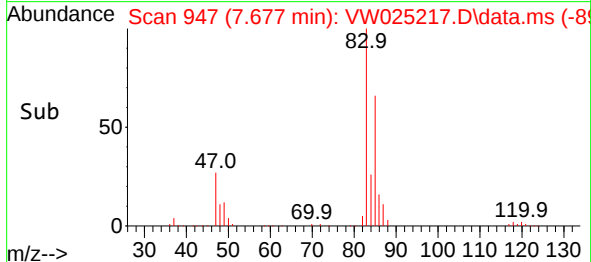
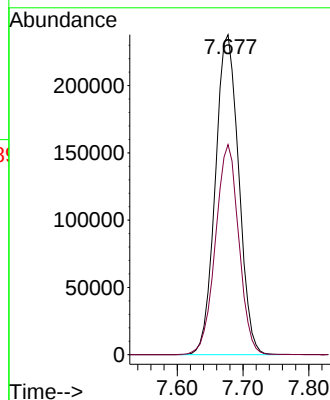
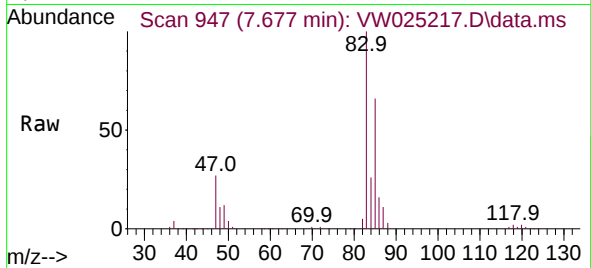




#25
Chloroform
Concen: 48.579 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

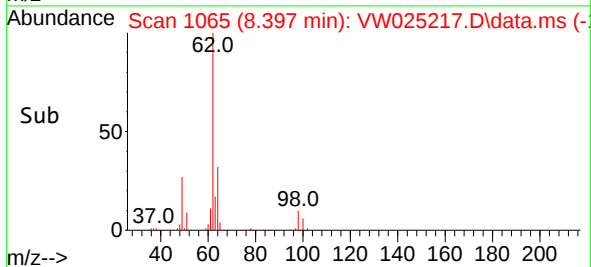
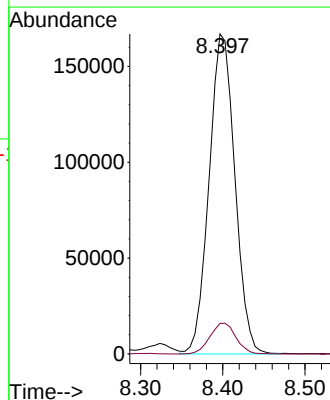
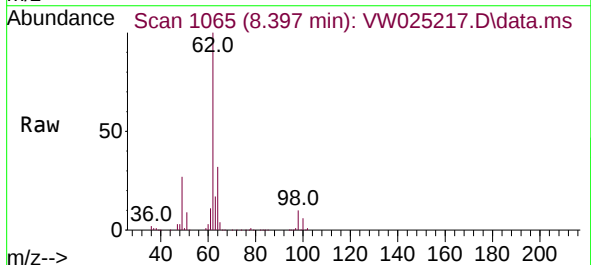
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

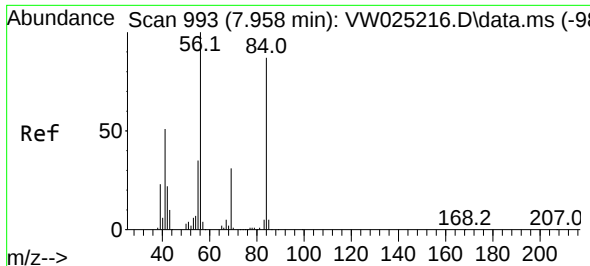
Tgt Ion: 83 Resp: 588858
Ion Ratio Lower Upper
83 100
85 65.6 45.8 85.2



#27
1,2-Dichloroethane
Concen: 48.593 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 62 Resp: 364577
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 49.048 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD050402

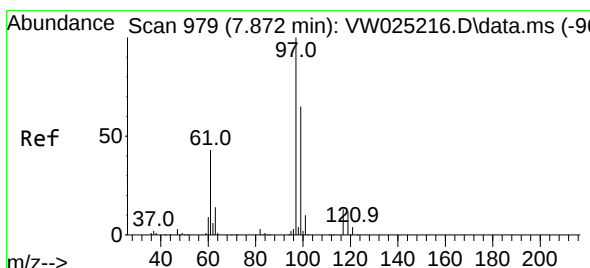
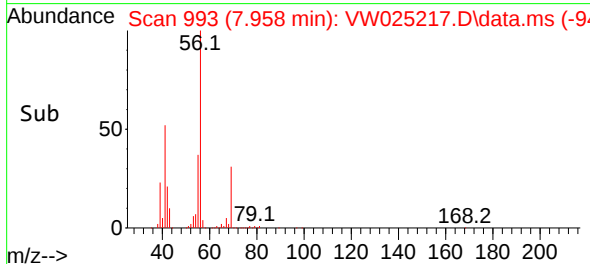
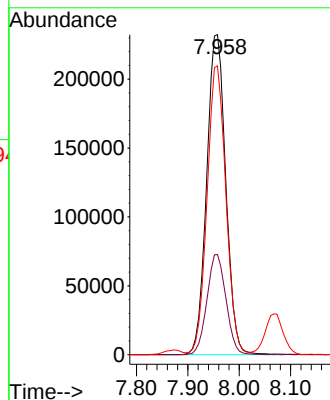
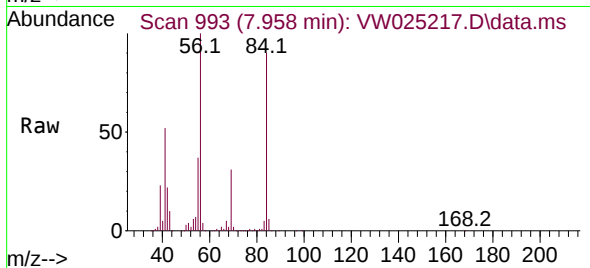
Tgt Ion: 56 Resp: 599690

Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 88.9 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 48.632 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

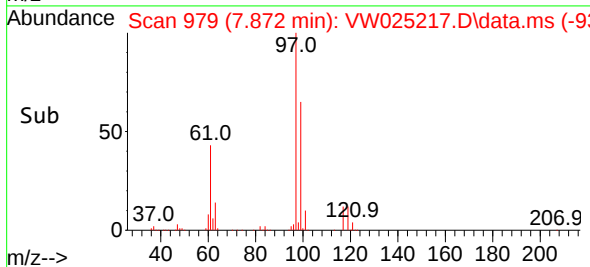
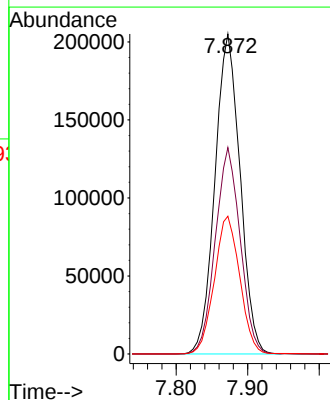
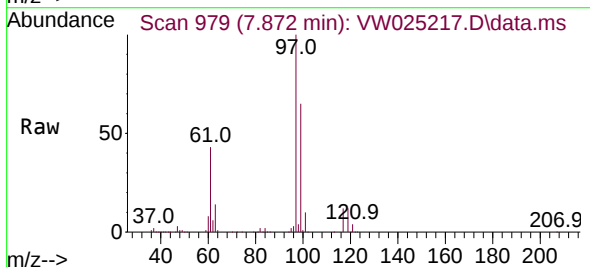
Tgt Ion: 97 Resp: 500989

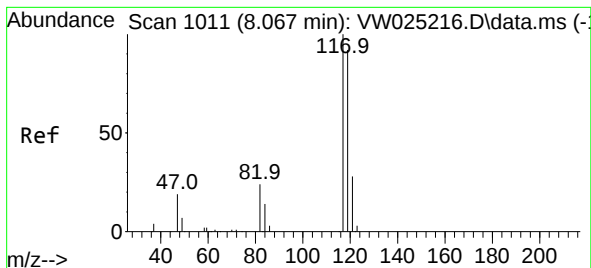
Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 43.5 35.6 53.4





#31

Carbon tetrachloride

Concen: 48.538 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

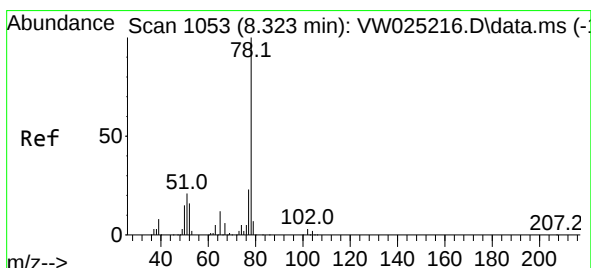
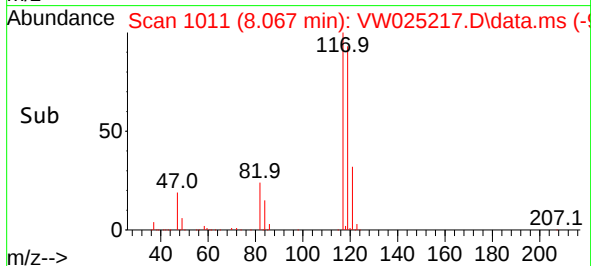
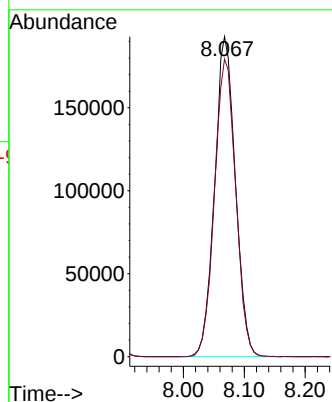
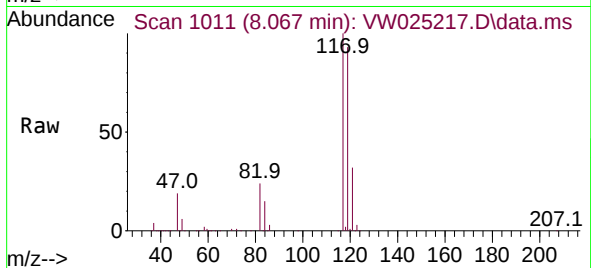
VSTD050402

Tgt Ion:117 Resp: 455377

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5



#33

Benzene

Concen: 48.064 ug/L

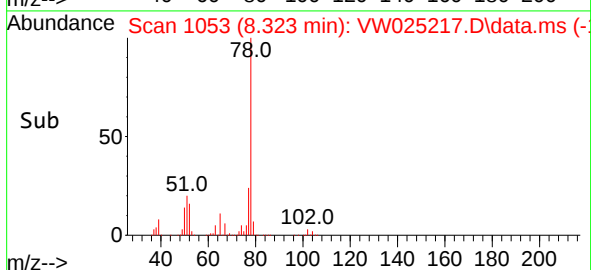
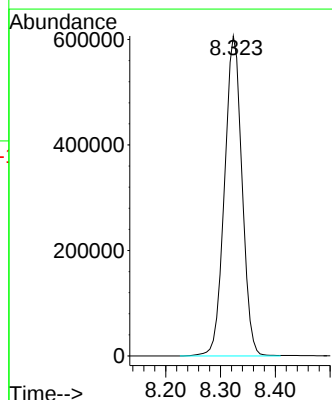
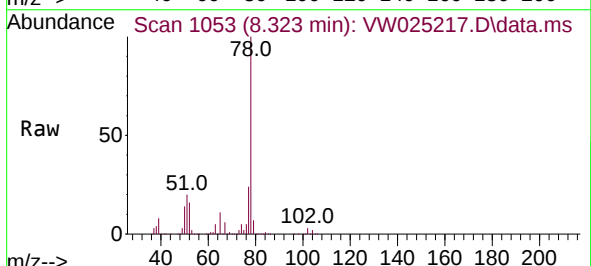
RT: 8.323 min Scan# 1053

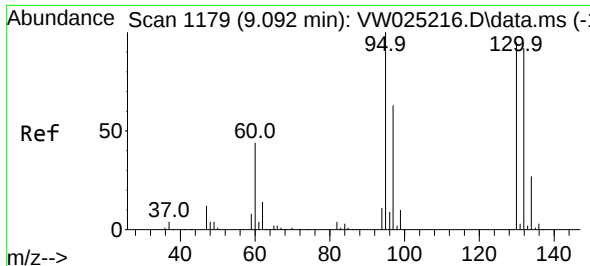
Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Tgt Ion: 78 Resp: 1347743

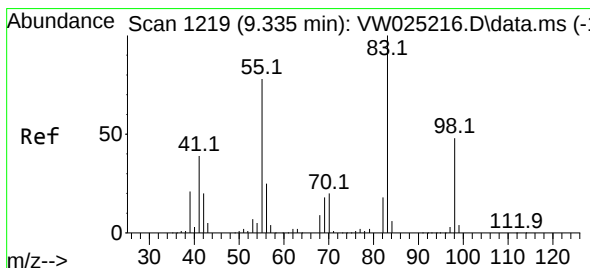
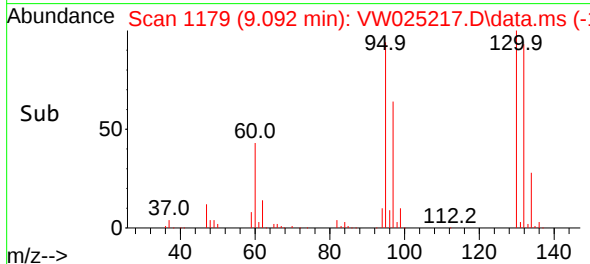
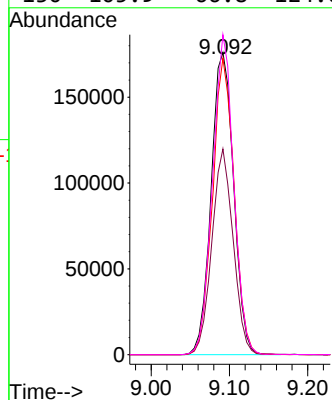
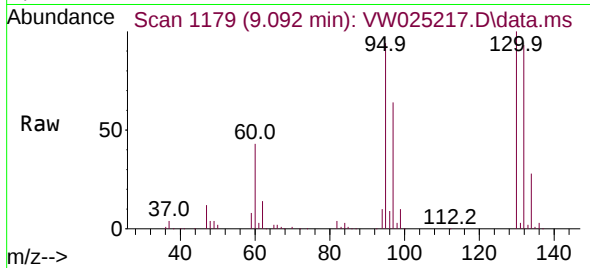




#34
Trichloroethene
Concen: 47.975 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

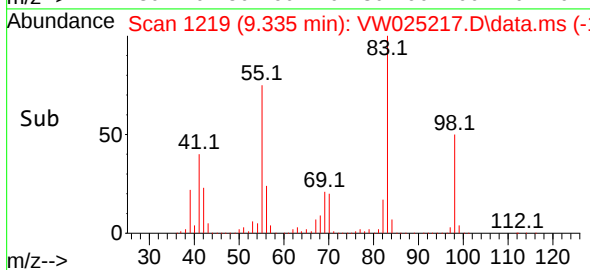
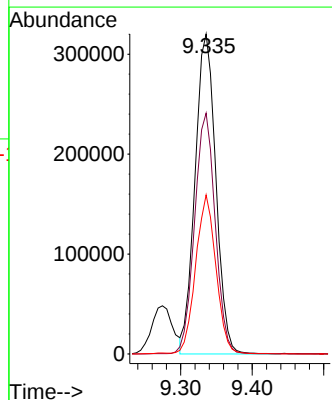
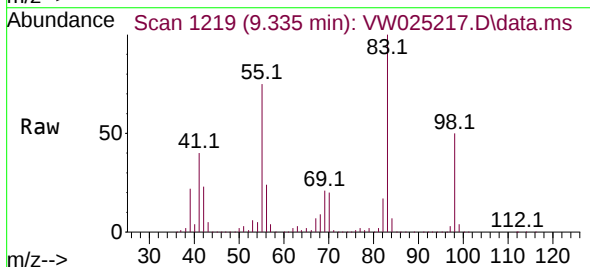
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

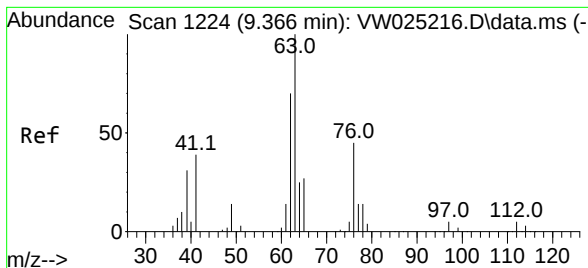
Tgt Ion: 95 Resp: 350816
Ion Ratio Lower Upper
95 100
97 68.1 44.4 82.4
132 98.0 64.5 119.7
130 105.9 66.8 124.0



#35
Methylcyclohexane
Concen: 48.770 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 83 Resp: 647173
Ion Ratio Lower Upper
83 100
55 74.5 61.0 91.4
98 48.4 38.6 58.0

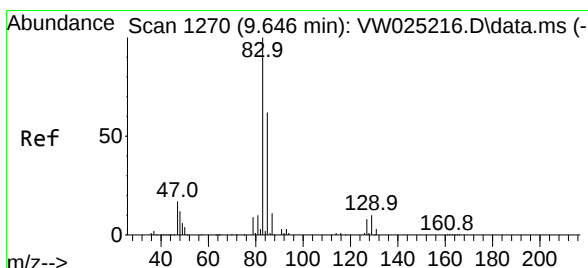
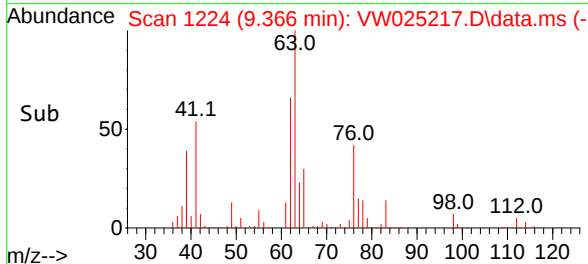
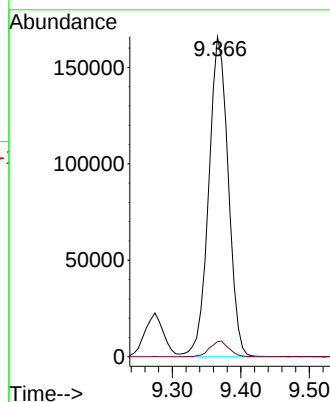
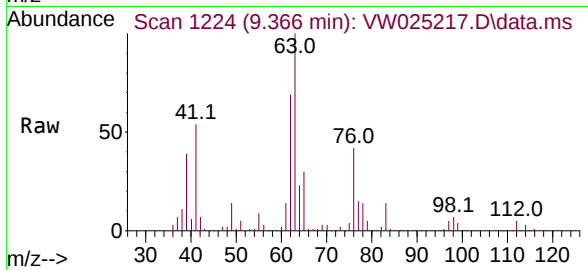




#37
1,2-Dichloropropane
Concen: 47.604 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

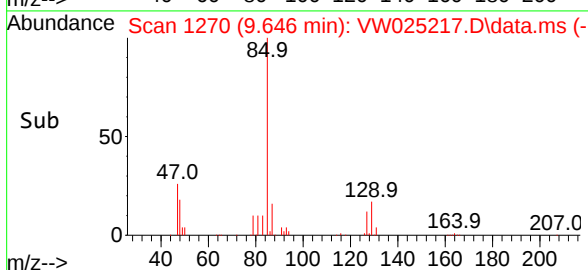
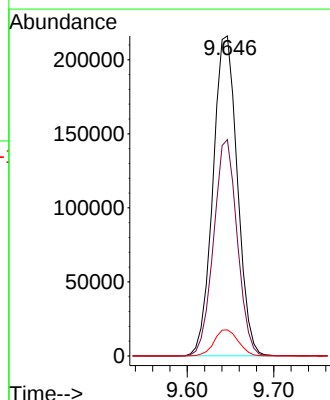
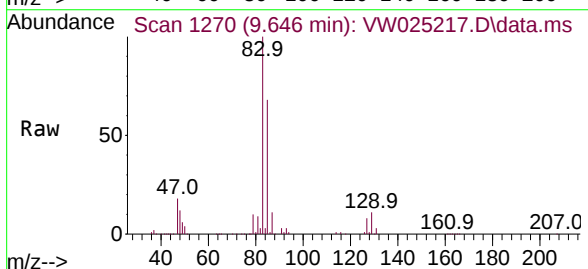
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

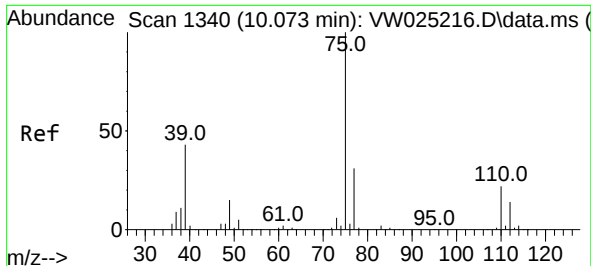
Tgt Ion: 63 Resp: 328231
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 48.978 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 83 Resp: 422162
Ion Ratio Lower Upper
83 100
85 67.6 43.4 80.6
127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 50.499 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

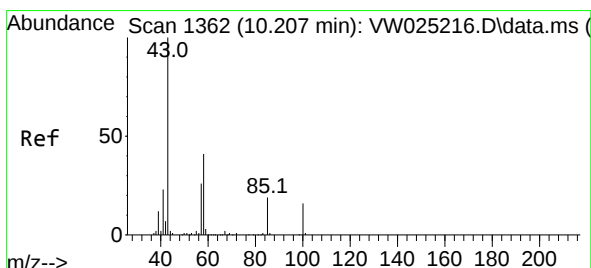
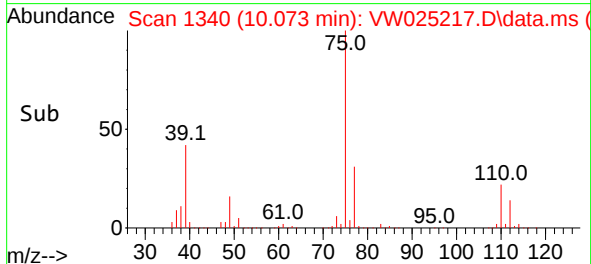
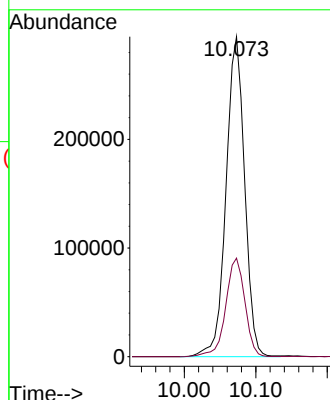
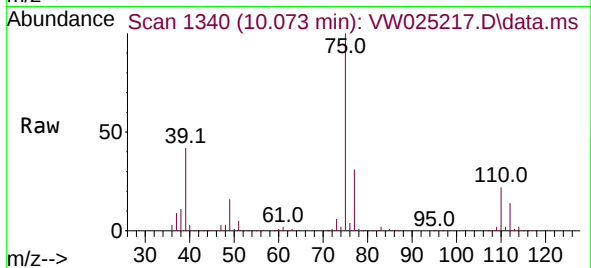
VSTD050402

Tgt Ion: 75 Resp: 531150

Ion Ratio Lower Upper

75 100

77 30.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 99.607 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

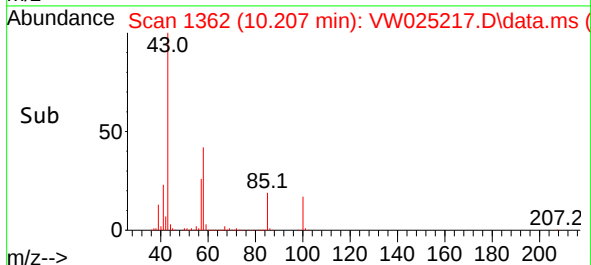
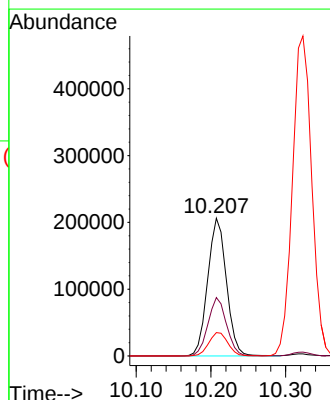
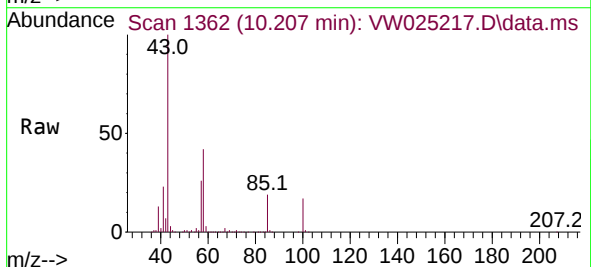
Tgt Ion: 43 Resp: 358432

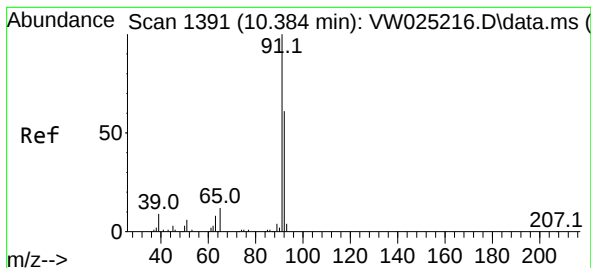
Ion Ratio Lower Upper

43 100

58 42.1 33.0 49.6

100 17.4 13.4 20.2





#42

Toluene

Concen: 48.293 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

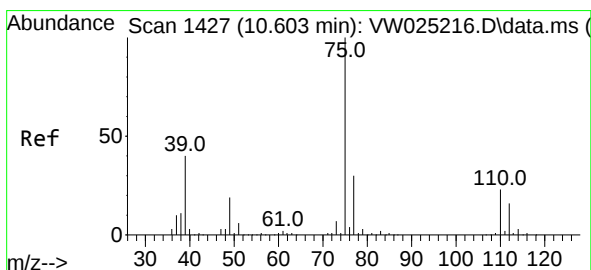
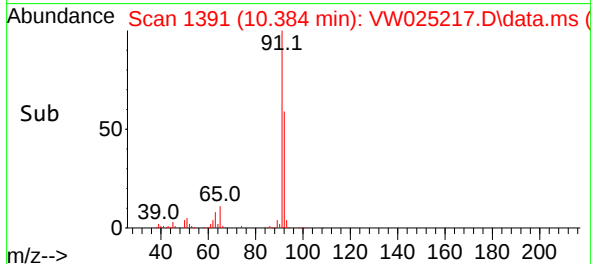
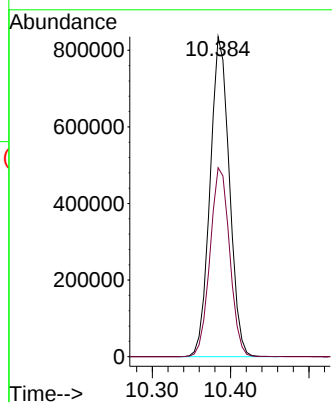
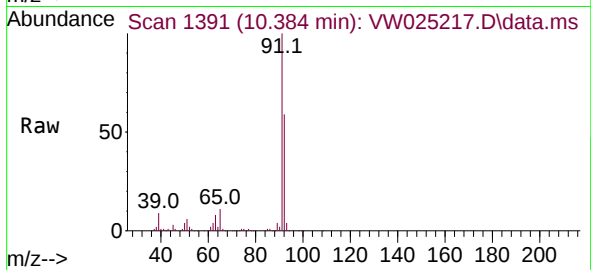
VSTD050402

Tgt Ion: 91 Resp: 1424343

Ion Ratio Lower Upper

91 100

92 59.0 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 49.882 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025217.D

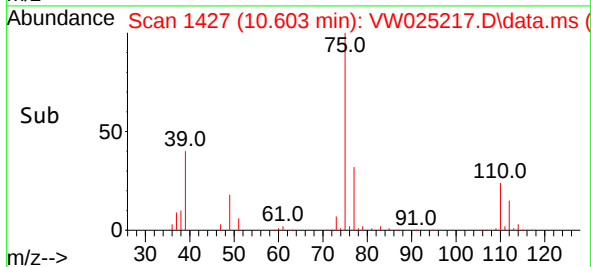
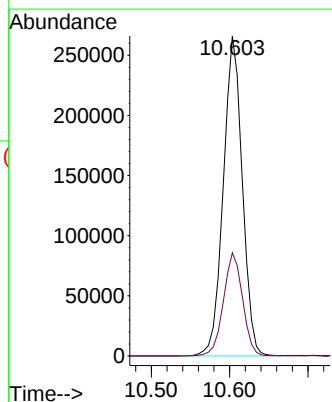
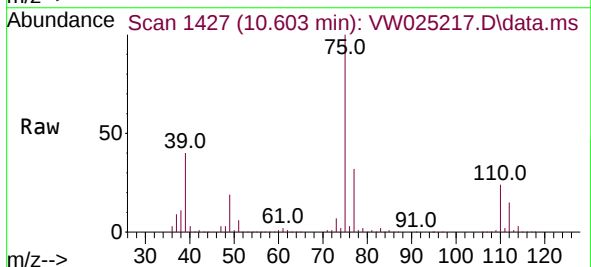
Acq: 03 Jan 2023 13:52

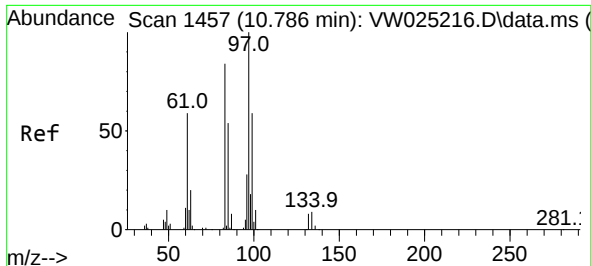
Tgt Ion: 75 Resp: 448833

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6



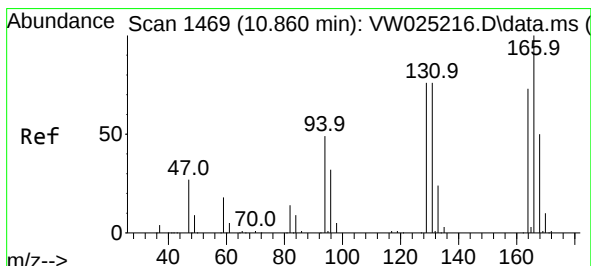
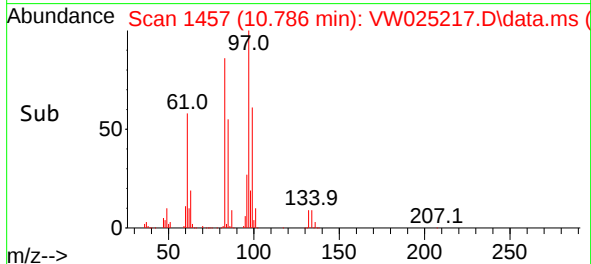
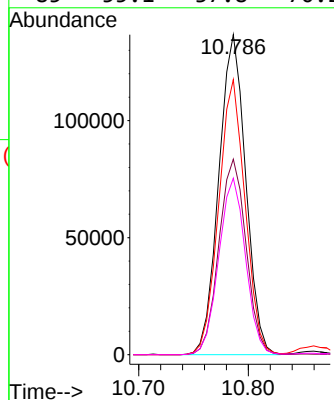
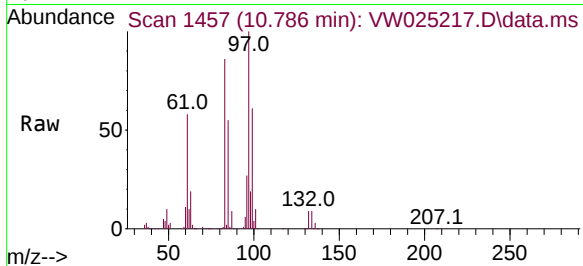


#45
1,1,2-Trichloroethane
Concen: 48.808 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

Tgt Ion: 97 Resp: 233440

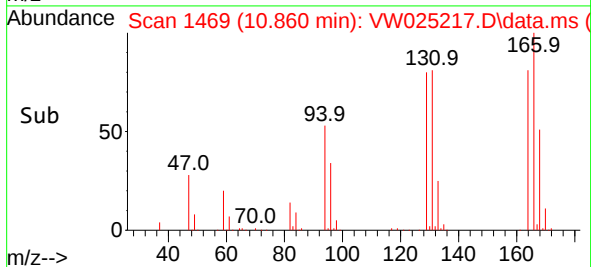
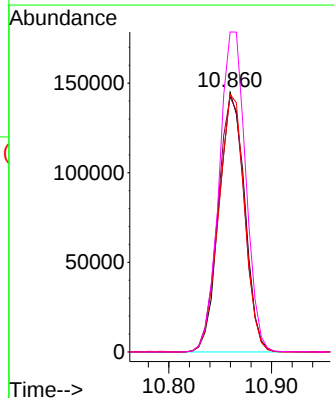
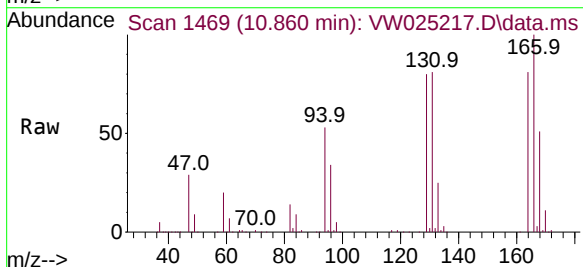
Ion	Ratio	Lower	Upper
97	100		
99	61.1	41.1	76.3
83	86.0	58.6	108.8
85	55.1	37.8	70.2

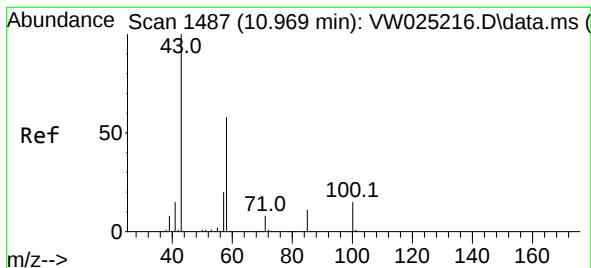


#46
Tetrachloroethene
Concen: 46.850 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 164 Resp: 251708

Ion	Ratio	Lower	Upper
164	100		
129	98.3	72.8	135.2
131	99.3	72.2	134.2
166	123.3	95.5	177.3





#48

2-Hexanone

Concen: 98.306 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD050402

Tgt Ion: 43 Resp: 271297

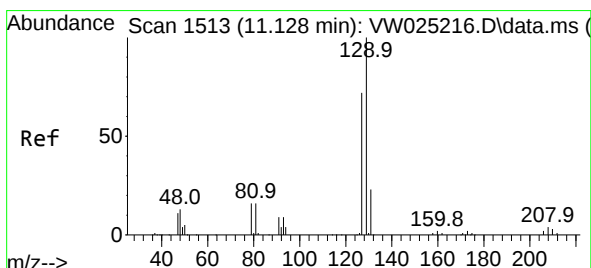
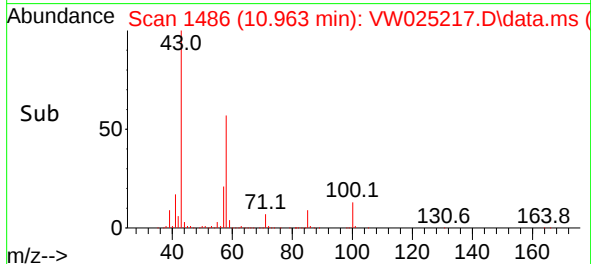
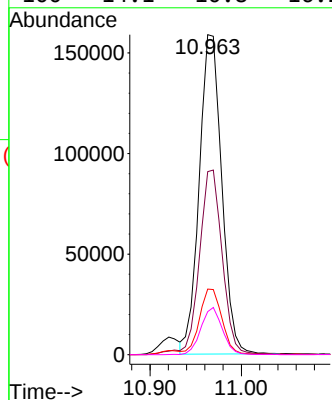
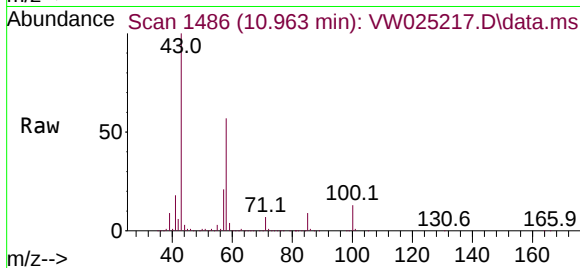
Ion Ratio Lower Upper

43 100

58 58.0 45.8 68.6

57 20.5 16.2 24.4

100 14.1 10.8 16.2



#49

Dibromochloromethane

Concen: 48.522 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025217.D

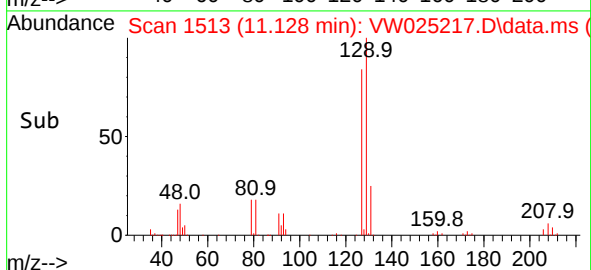
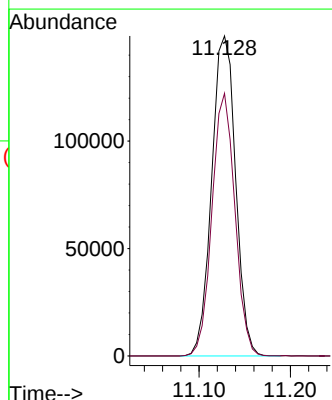
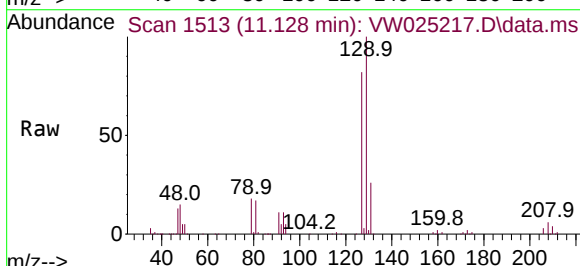
Acq: 03 Jan 2023 13:52

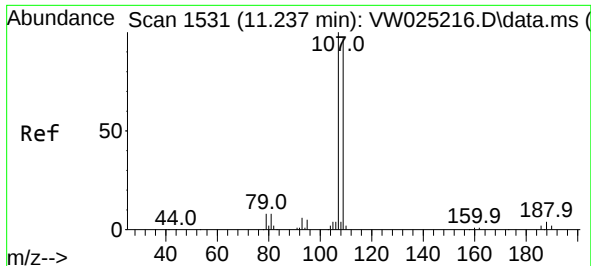
Tgt Ion:129 Resp: 270837

Ion Ratio Lower Upper

129 100

127 82.0 50.4 93.6

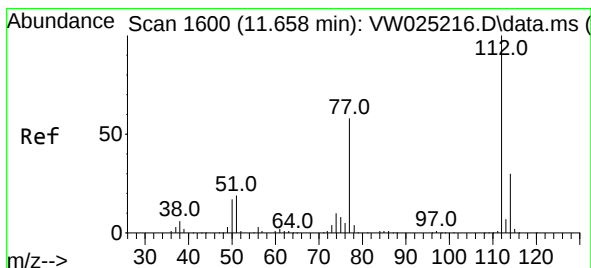
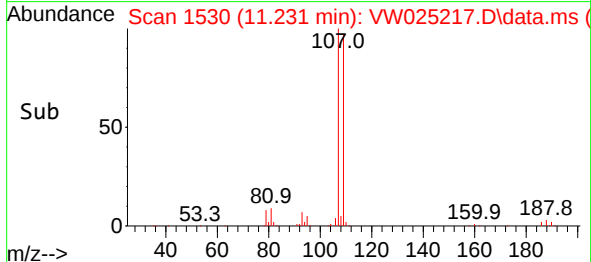
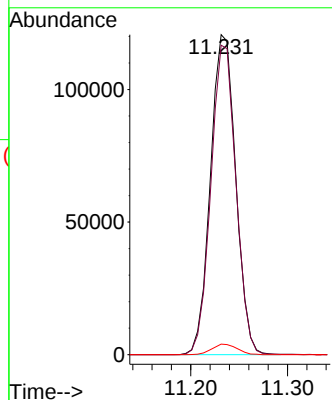
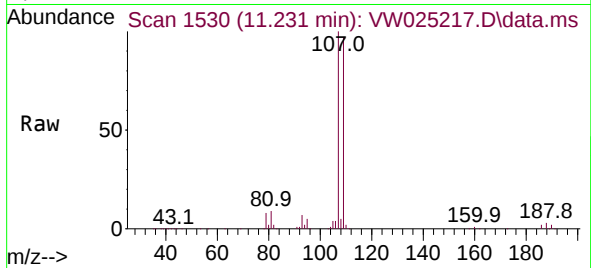




#50
1,2-Dibromoethane
Concen: 48.393 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

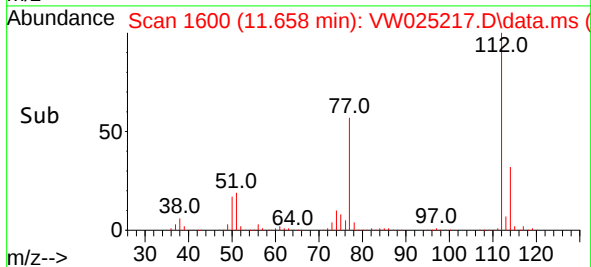
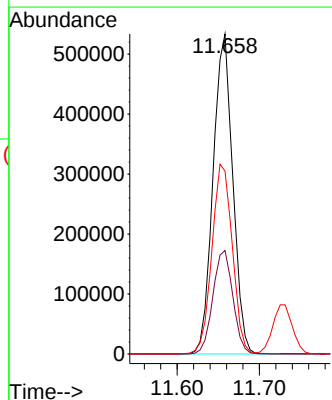
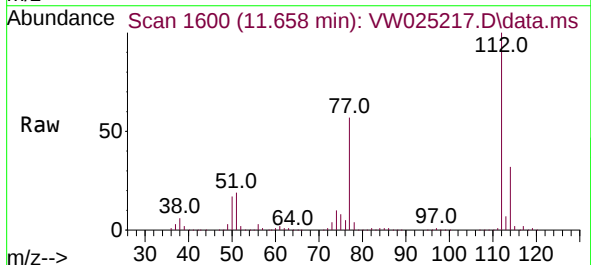
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

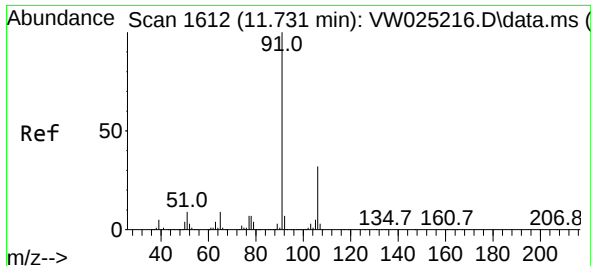
Tgt Ion:107 Resp: 218956
Ion Ratio Lower Upper
107 100
109 96.7 68.2 126.6
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 48.197 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion:112 Resp: 887834
Ion Ratio Lower Upper
112 100
114 32.3 21.1 39.1
77 57.1 46.6 69.8

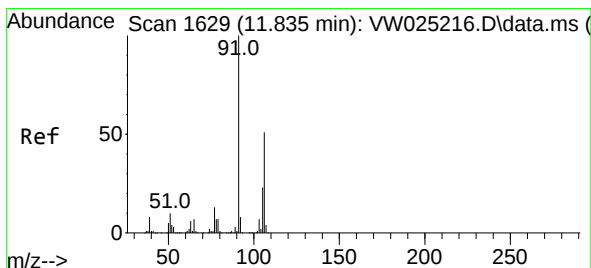
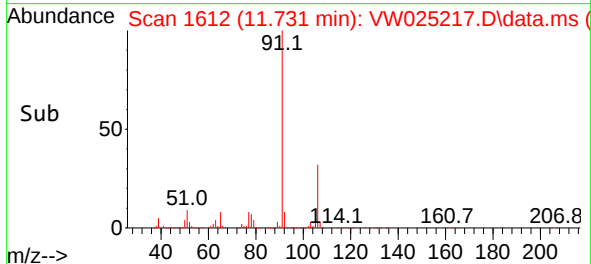
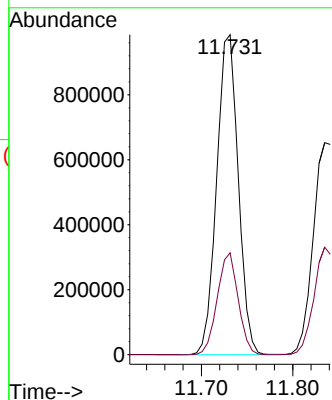
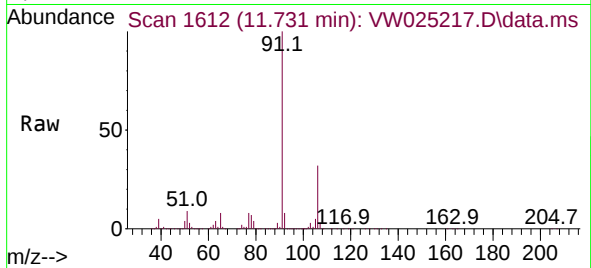




#52
Ethylbenzene
Concen: 49.185 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

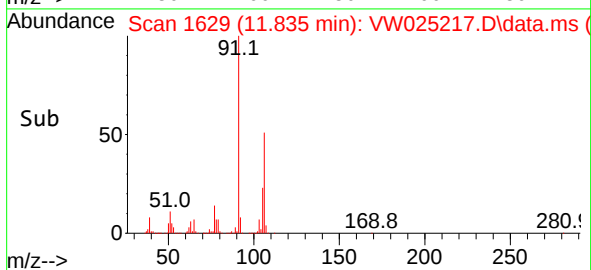
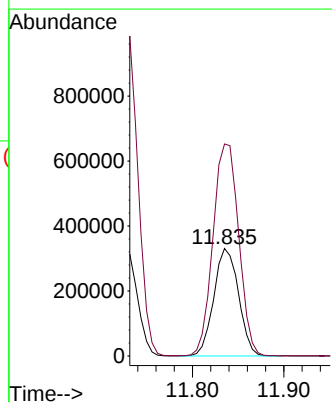
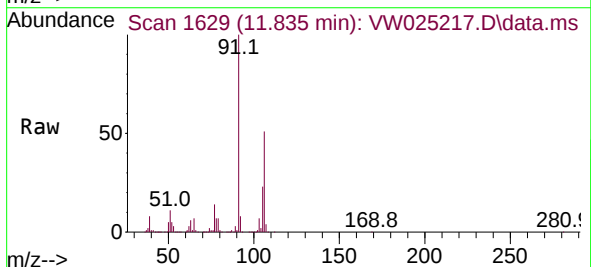
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

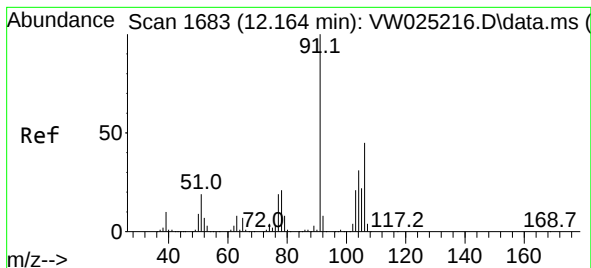
Tgt Ion: 91 Resp: 1616561
Ion Ratio Lower Upper
91 100
106 31.8 22.1 41.1



#53
m,p-Xylene
Concen: 48.963 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion:106 Resp: 621913
Ion Ratio Lower Upper
106 100
91 197.2 138.5 257.3





#54

o-Xylene

Concen: 50.653 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

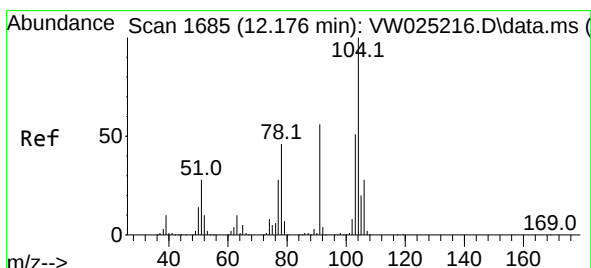
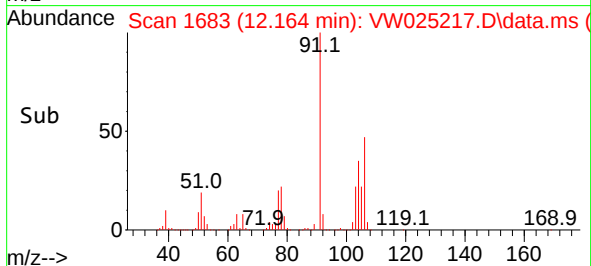
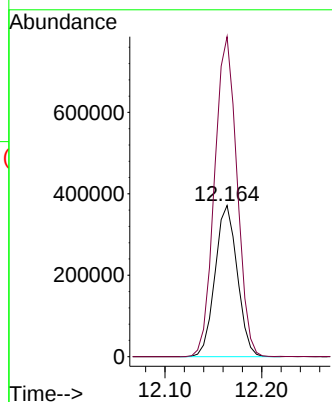
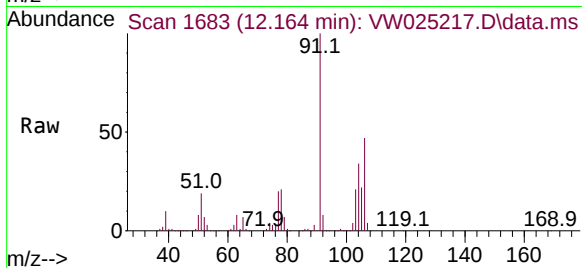
VSTD050402

Tgt Ion:106 Resp: 592141

Ion Ratio Lower Upper

106 100

91 211.7 155.3 288.5



#55

Styrene

Concen: 50.403 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025217.D

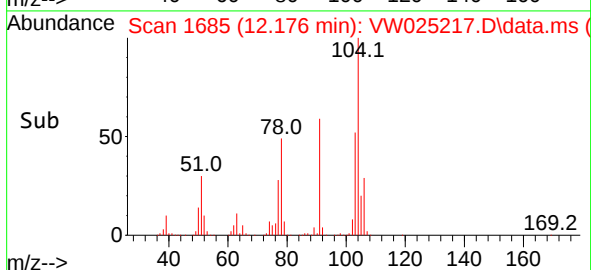
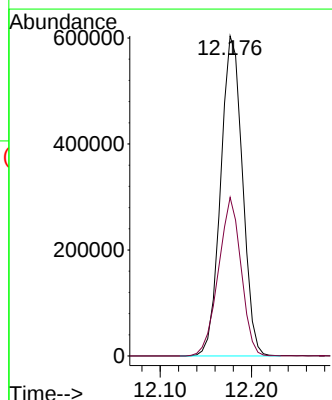
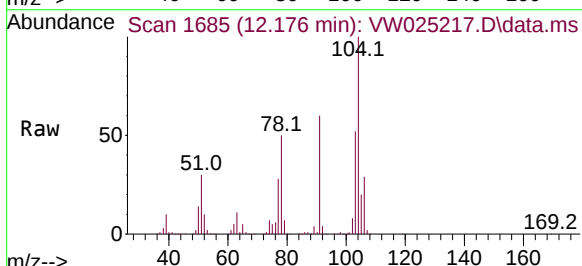
Acq: 03 Jan 2023 13:52

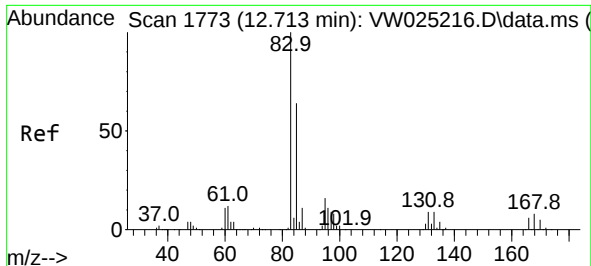
Tgt Ion:104 Resp: 1001339

Ion Ratio Lower Upper

104 100

78 49.5 32.6 60.5

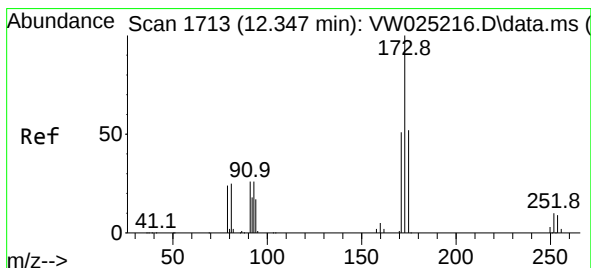
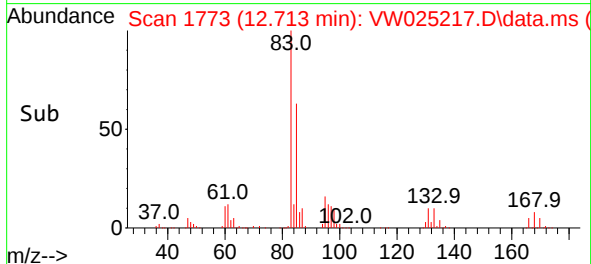
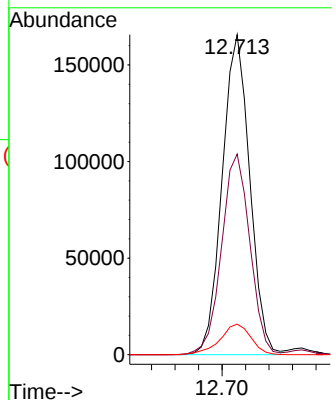
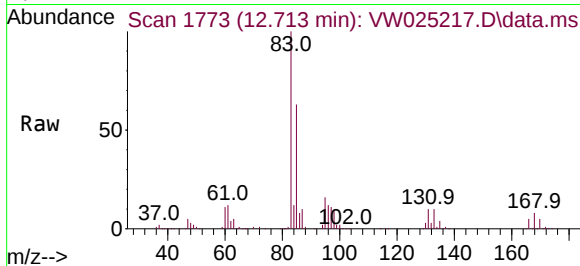




#57
1,1,2,2-Tetrachloroethane
Concen: 50.614 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

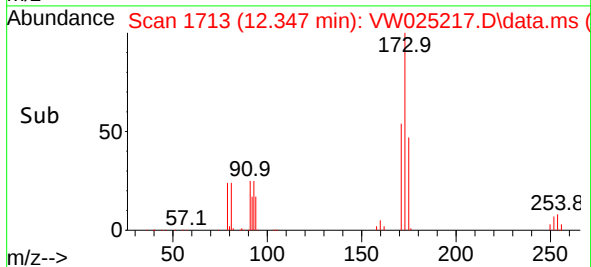
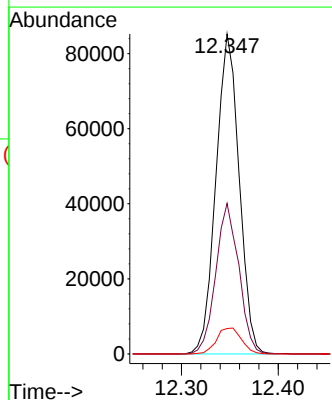
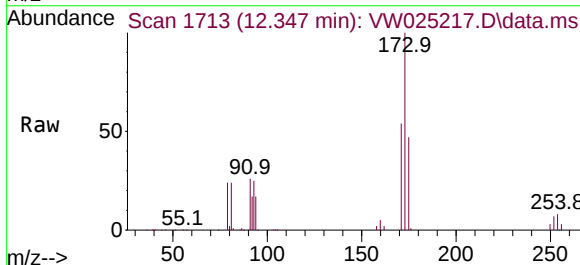
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

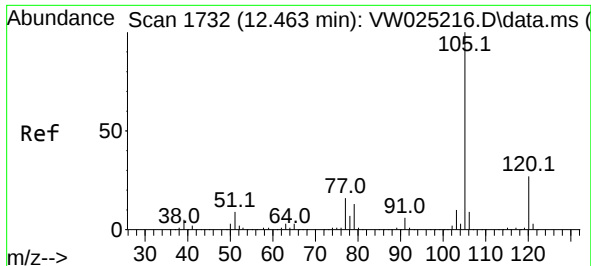
Tgt Ion: 83 Resp: 269936
Ion Ratio Lower Upper
83 100
85 62.7 44.8 83.2
131 9.6 7.4 11.0



#59
Bromoform
Concen: 48.580 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion:173 Resp: 141747
Ion Ratio Lower Upper
173 100
175 46.7 40.7 61.1
254 8.7 6.7 10.1

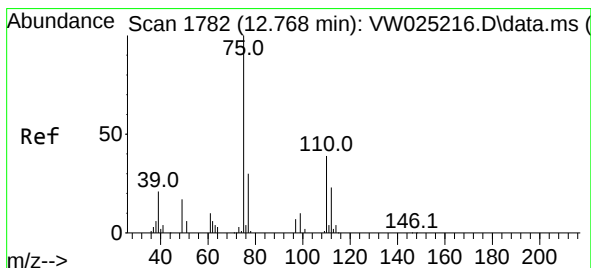
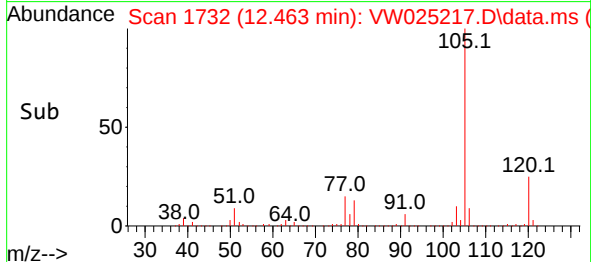
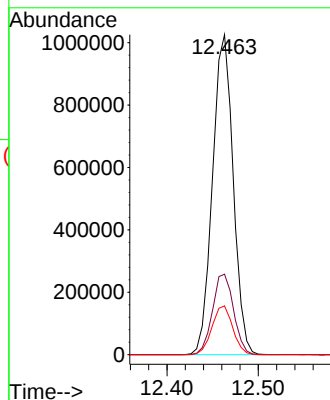
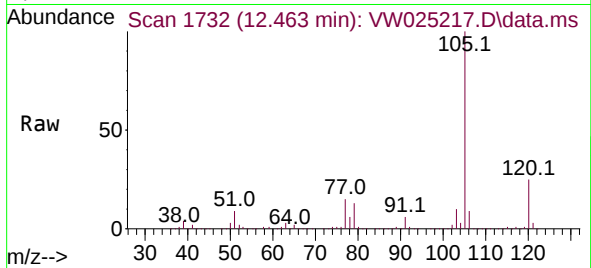




#60
Isopropylbenzene
Concen: 48.316 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

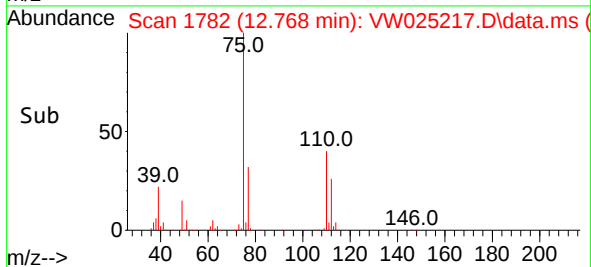
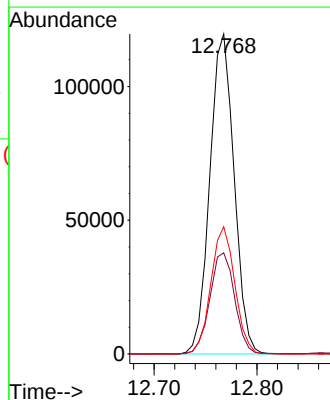
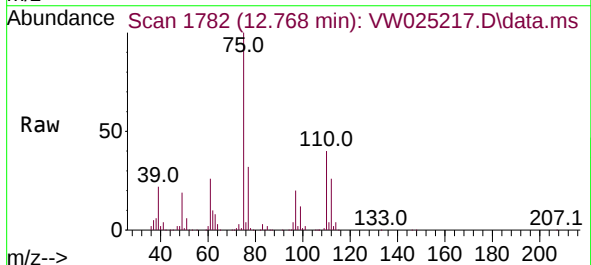
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

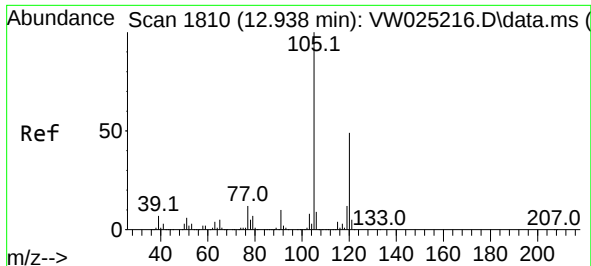
Tgt Ion:105 Resp: 1610431
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 47.493 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 75 Resp: 195993
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 39.2 31.2 46.8

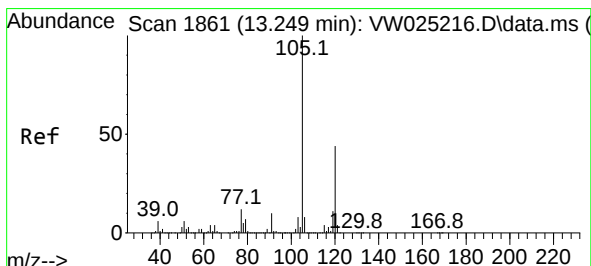
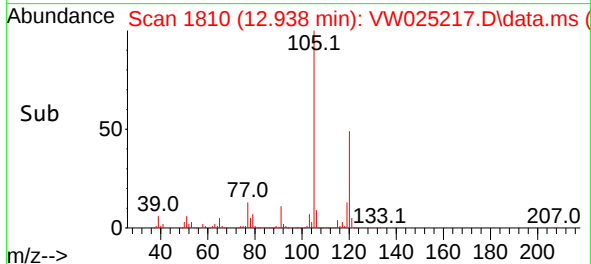
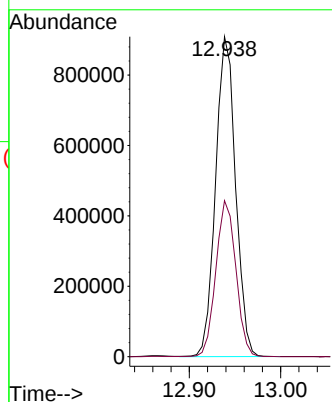
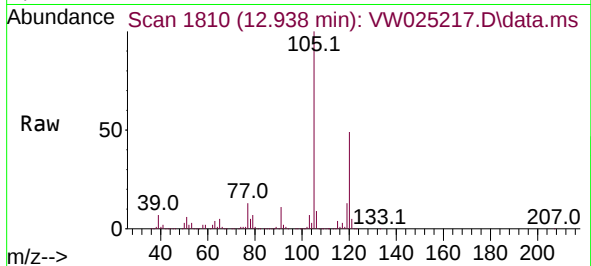




#62
 1,3,5-Trimethylbenzene
 Concen: 48.875 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

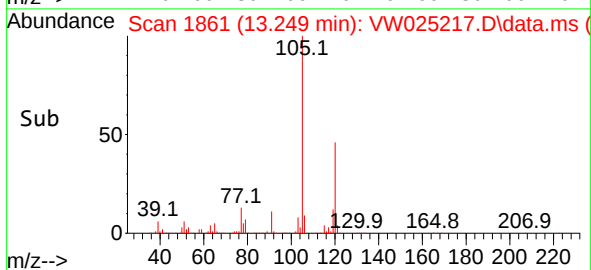
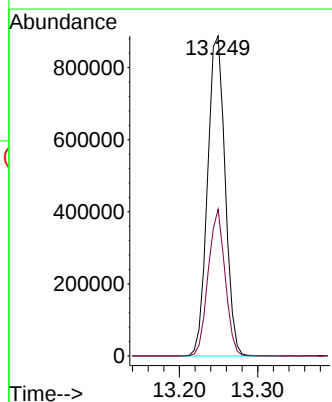
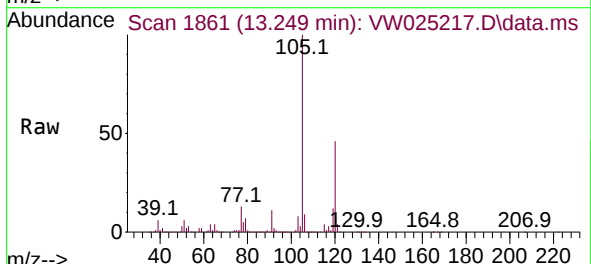
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050402

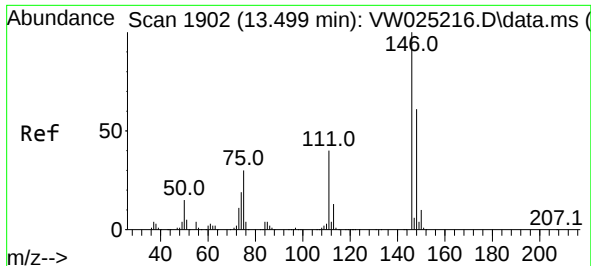
Tgt Ion:105 Resp: 1381195
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 49.497 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW025217.D
 Acq: 03 Jan 2023 13:52

Tgt Ion:105 Resp: 1379835
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.1 52.7

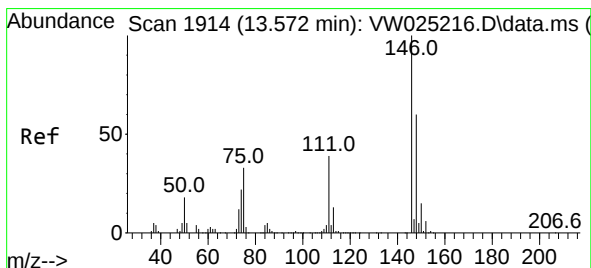
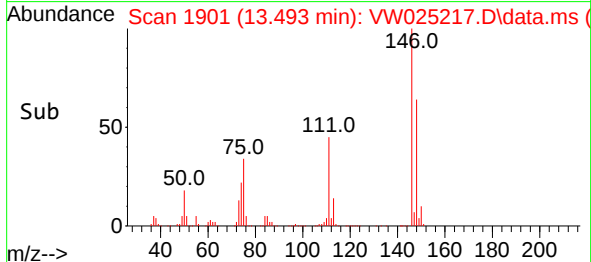
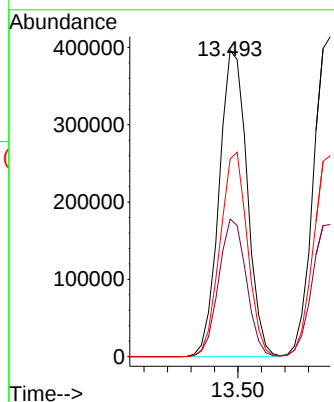
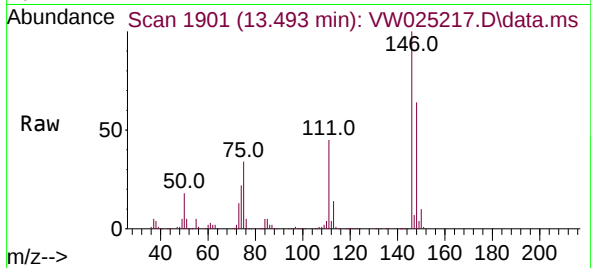




#64
1,3-Dichlorobenzene
Concen: 48.189 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

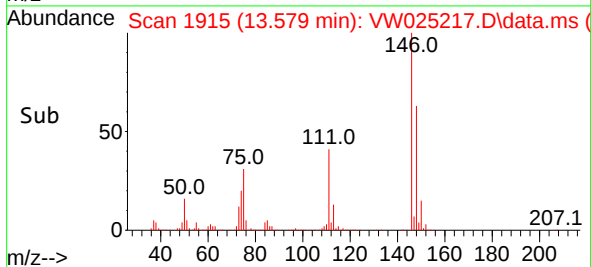
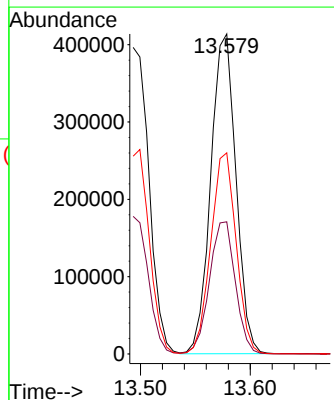
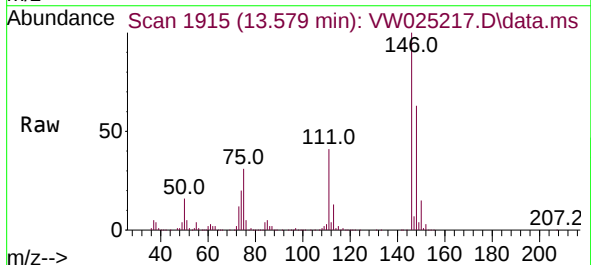
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

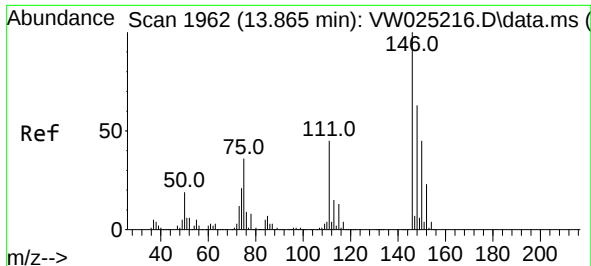
Tgt Ion:146 Resp: 656530
Ion Ratio Lower Upper
146 100
111 44.9 28.3 52.7
148 64.5 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 48.961 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion:146 Resp: 661057
Ion Ratio Lower Upper
146 100
111 41.3 27.4 51.0
148 62.9 42.0 78.0

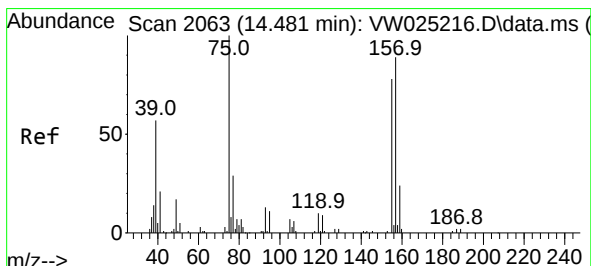
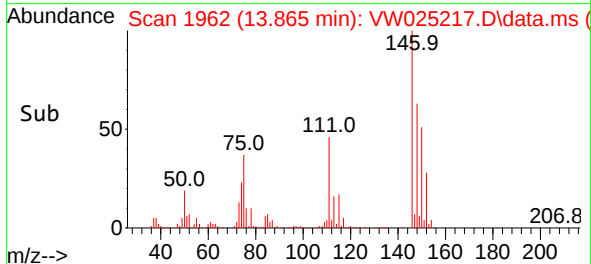
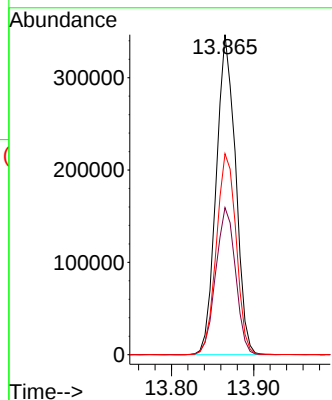
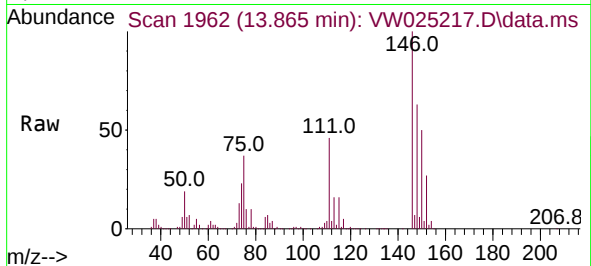




#67
1,2-Dichlorobenzene
Concen: 48.246 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

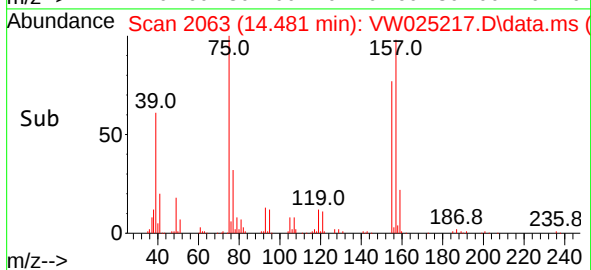
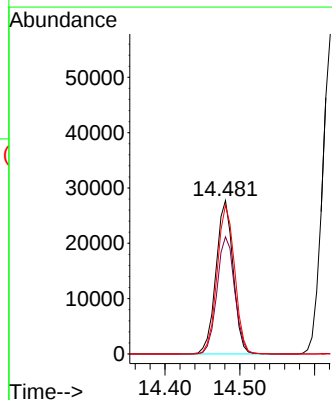
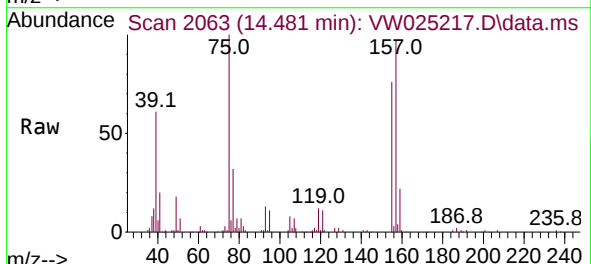
Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

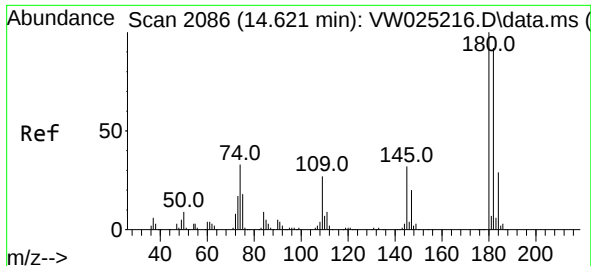
Tgt Ion:146 Resp: 567277
Ion Ratio Lower Upper
146 100
111 45.9 36.1 54.1
148 62.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 47.984 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion: 75 Resp: 44353
Ion Ratio Lower Upper
75 100
155 76.3 62.3 93.5
157 96.9 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 48.152 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD050402

Tgt Ion:180 Resp: 467398

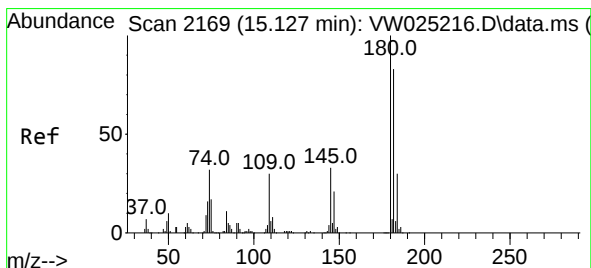
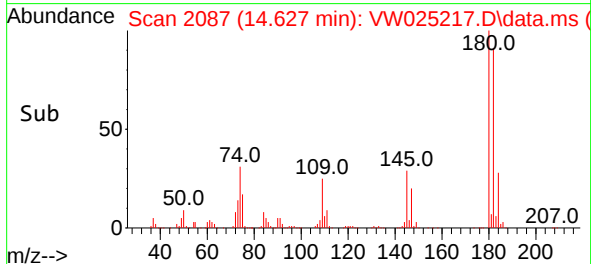
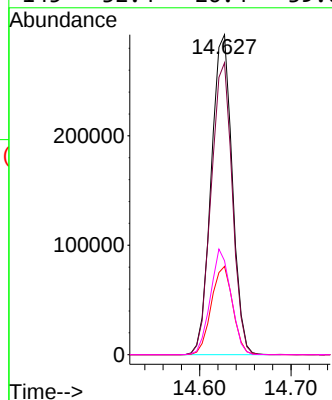
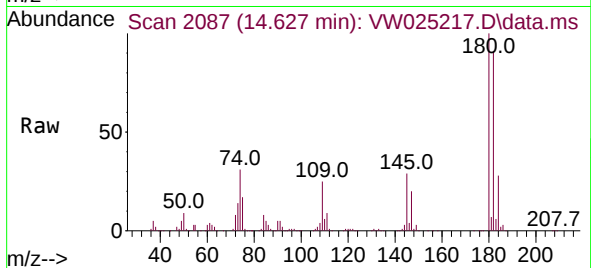
Ion Ratio Lower Upper

180 100

182 91.6 75.1 112.7

184 28.1 23.3 34.9

145 32.4 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 47.778 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025217.D

Acq: 03 Jan 2023 13:52

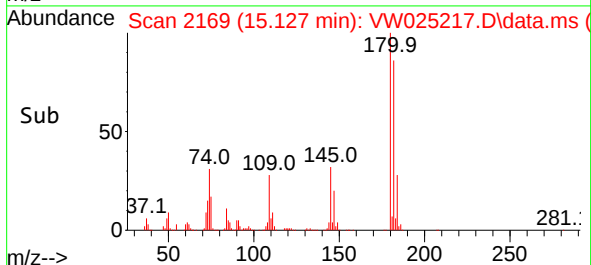
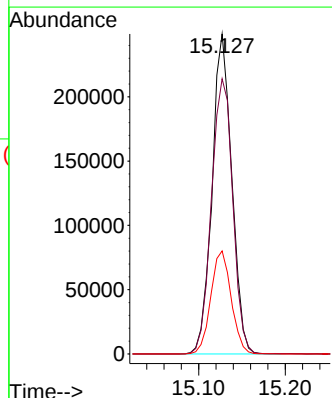
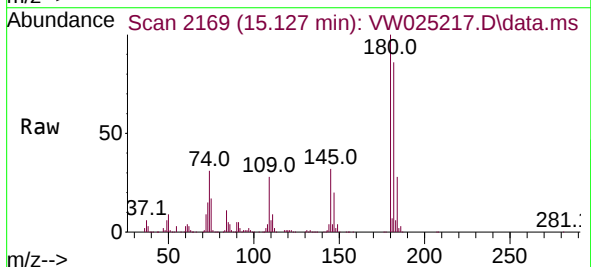
Tgt Ion:180 Resp: 393817

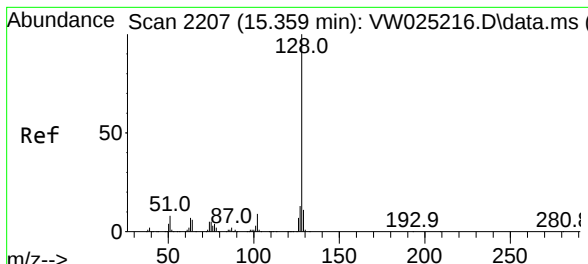
Ion Ratio Lower Upper

180 100

182 92.6 72.5 108.7

145 33.3 27.0 40.4



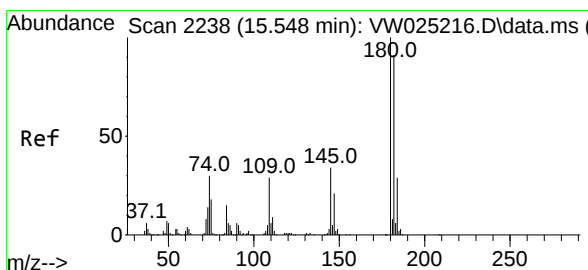
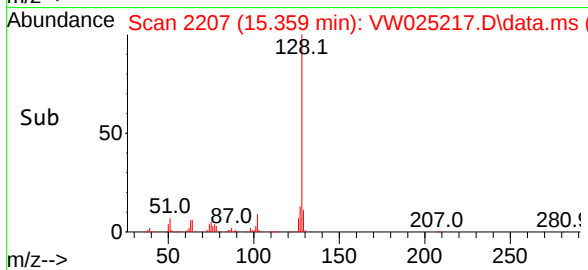
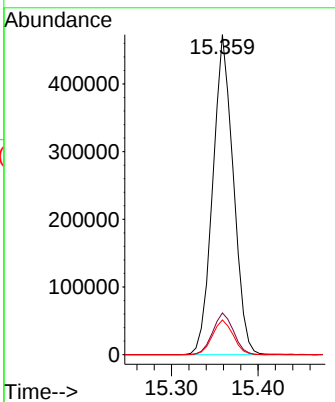
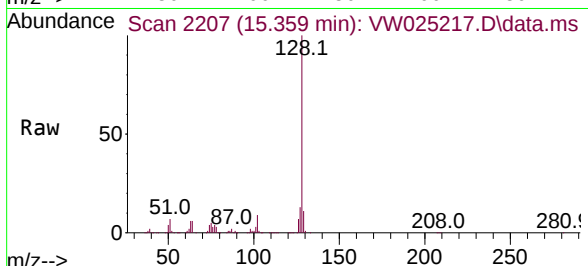


#71
Naphthalene
Concen: 48.224 ug/L
RT: 15.359 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD050402

Tgt Ion:128 Resp: 779011

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 46.773 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025217.D
Acq: 03 Jan 2023 13:52

Tgt Ion:180 Resp: 330702

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.5	114.7
145	36.3	28.6	42.8

