

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
 Data File : VW025226.D
 Acq On : 11 Jan 2023 15:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Jan 12 04:21:11 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	404114	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	306629	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	102565	21.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.885	69	68688	23.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.019	63	237096	23.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.080	46	59672	50.185	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.360%
24) Chloroform-d	7.647	84	247480	24.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	8.305	65	128820	24.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.275	84	510743	27.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.960%
36) 1,2-Dichloropropane-d6	9.274	67	147120	27.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.240%
41) Toluene-d8	10.323	98	468859	27.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.920%
43) trans-1,3-Dichloroprop...	10.579	79	65151	28.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.000%
47) 2-Hexanone-d5	10.926	63	50943	60.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114006	30.267	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	147940	23.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44554	19.438	ug/L	92
3) Chloromethane	2.215	50	92917	22.997	ug/L	99
5) Vinyl chloride	2.361	62	122175	23.708	ug/L	99
6) Bromomethane	2.782	94	60501	22.366	ug/L	94
8) Chloroethane	2.922	64	56960	23.713	ug/L	99
9) Trichlorofluoromethane	3.257	101	88143	24.693	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124866	24.036	ug/L	98
12) 1,1-Dichloroethene	4.044	96	118272	23.607	ug/L	91
13) Acetone	4.123	43	45348	32.610	ug/L	100
14) Carbon disulfide	4.385	76	392560	23.647	ug/L	99
15) Methyl Acetate	4.672	43	49561	24.667	ug/L	99
16) Methylene chloride	4.915	84	132081	21.132	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	126632	23.597	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	182617	24.278	ug/L	99
19) 1,1-Dichloroethane	6.220	63	224386	23.769	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	132622	23.778	ug/L	99
22) 2-Butanone	7.171	43	66053	42.748	ug/L	100
23) Bromochloromethane	7.512	128	56600	24.312	ug/L	92
25) Chloroform	7.677	83	220928	23.802	ug/L	99

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 Response via : Initial Calibration

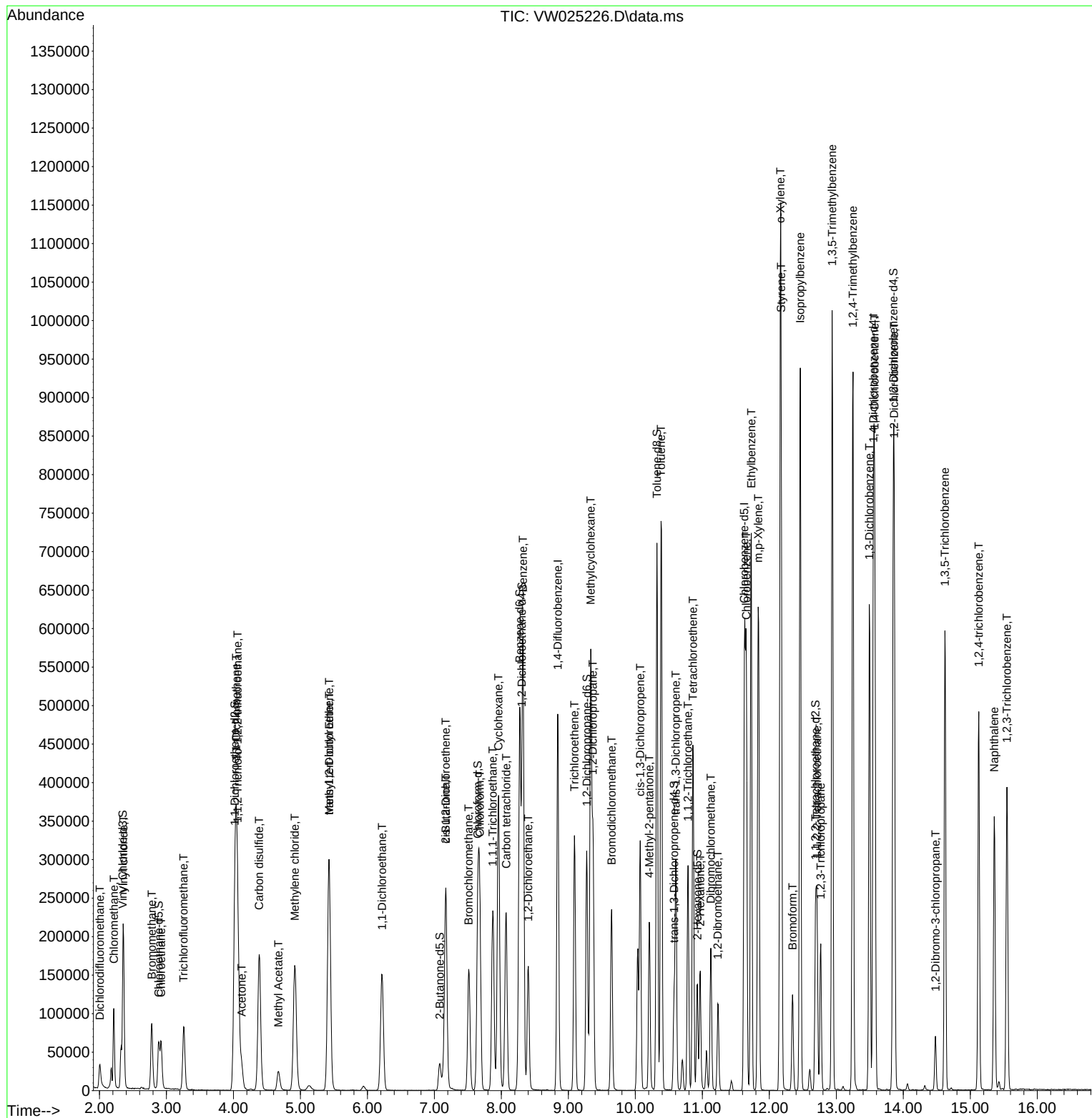
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	146313	25.470	ug/L	98
29) Cyclohexane	7.957	56	221557	27.412	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	194959	28.628	ug/L	99
31) Carbon tetrachloride	8.073	117	177817	28.671	ug/L	99
33) Benzene	8.323	78	520998	28.107	ug/L	100
34) Trichloroethene	9.091	95	119350	24.690	ug/L	95
35) Methylcyclohexane	9.335	83	244382	27.859	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124225	27.254	ug/L	100
38) Bromodichloromethane	9.646	83	162060	28.442	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	192028	27.618	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	139564	58.670	ug/L	99
42) Toluene	10.384	91	552491	28.337	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166243	27.949	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	90094	28.495	ug/L	99
46) Tetrachloroethene	10.859	164	99262	27.948	ug/L	90
48) 2-Hexanone	10.969	43	93440	51.219	ug/L	96
49) Dibromochloromethane	11.128	129	95834	25.972	ug/L	99
50) 1,2-Dibromoethane	11.231	107	76632	25.621	ug/L #	98
51) Chlorobenzene	11.658	112	291818	23.964	ug/L	97
52) Ethylbenzene	11.731	91	527406	24.274	ug/L	99
53) m,p-Xylene	11.835	106	207067	24.661	ug/L	100
54) o-Xylene	12.164	106	201084	26.021	ug/L	96
55) Styrene	12.176	104	337578	25.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	109231	30.982	ug/L	97
59) Bromoform	12.347	173	57133	24.629	ug/L	95
60) Isopropylbenzene	12.463	105	612919	23.130	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	79911	24.357	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	538063	23.949	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	519736	23.451	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	250955	23.169	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	254259	23.687	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	229492	24.550	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18826	25.618	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	171355	22.205	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	145678	22.231	ug/L	94
71) Naphthalene	15.359	128	306287	23.849	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	125662	22.356	ug/L	99

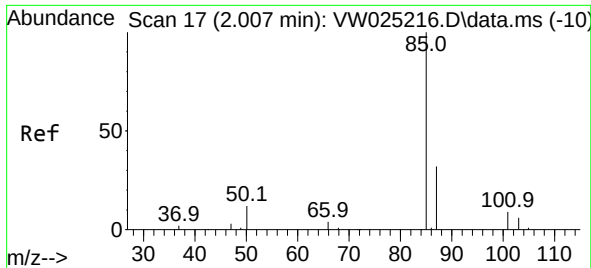
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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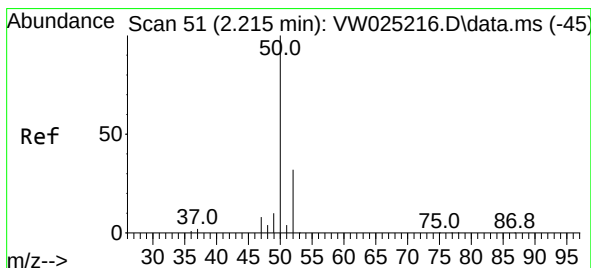
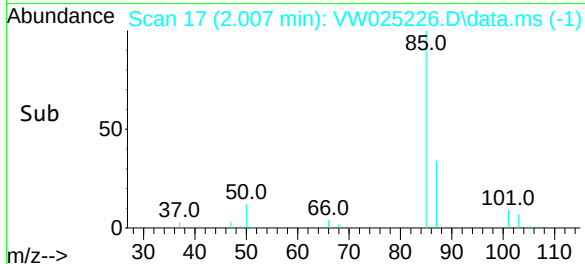
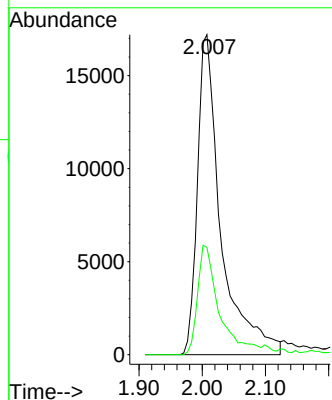
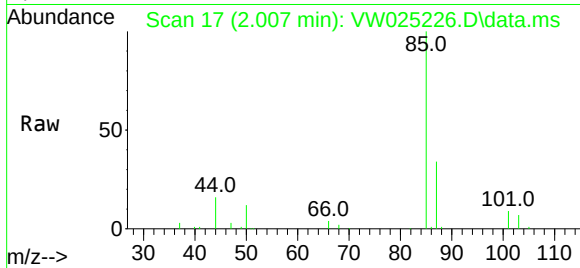




#2
 Dichlorodifluoromethane
 Concen: 19.438 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

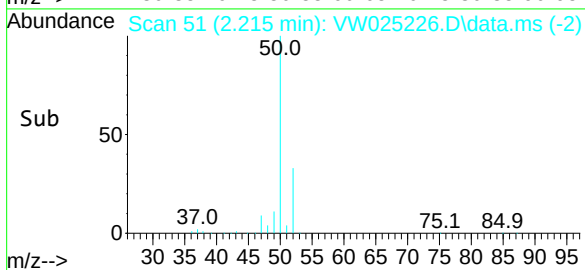
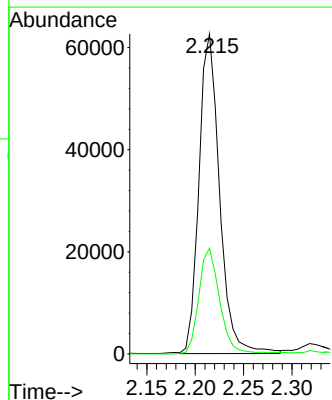
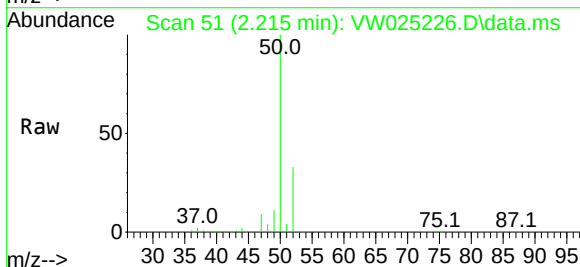
Instrument :
 MSVOA_W
 ClientSampleId :
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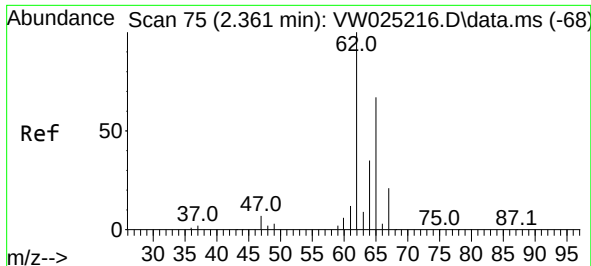
Tgt Ion: 85 Resp: 44554
 Ion Ratio Lower Upper
 85 100
 87 28.9 26.6 39.8



#3
 Chloromethane
 Concen: 22.997 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

Tgt Ion: 50 Resp: 92917
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

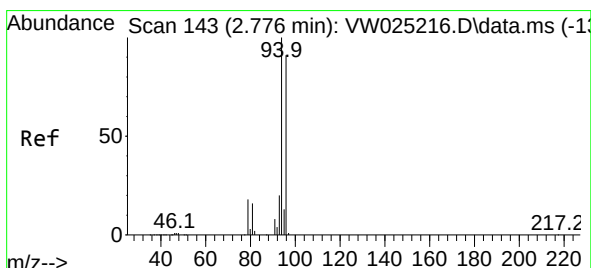
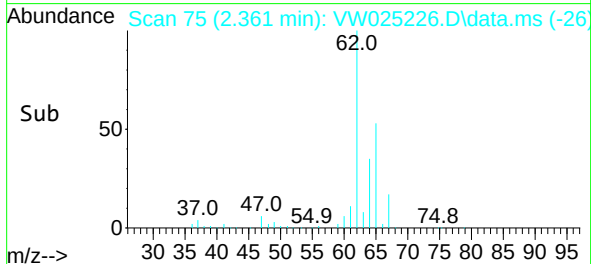
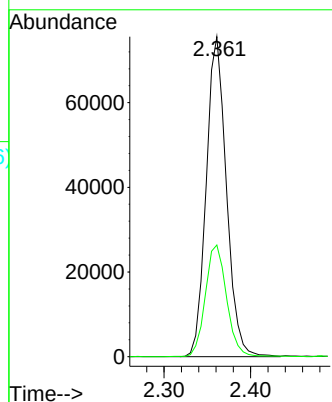
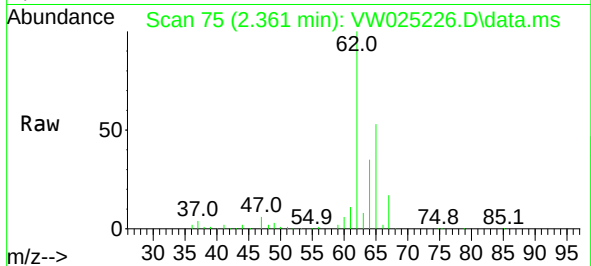




#5
 Vinyl chloride
 Concen: 23.708 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

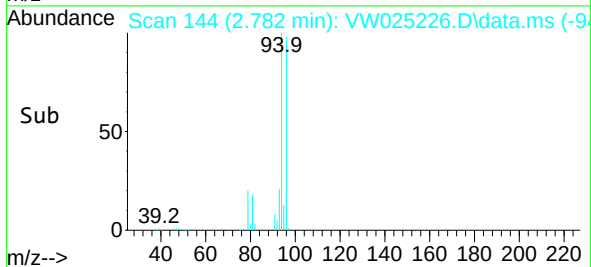
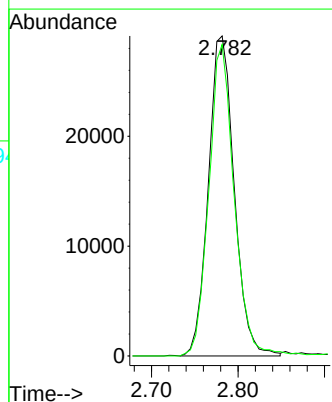
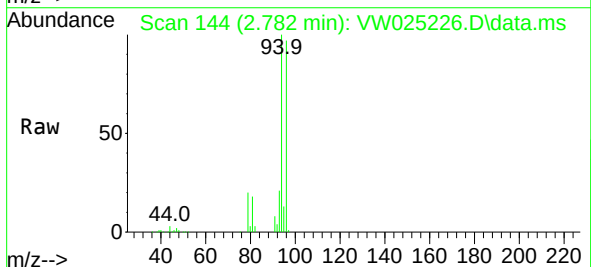
Instrument :
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 ClientSampleId :
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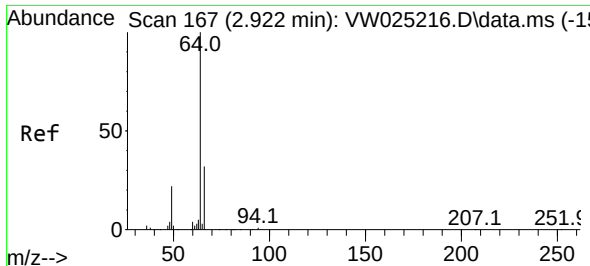
Tgt Ion: 62 Resp: 122175
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.8 46.1



#6
 Bromomethane
 Concen: 22.366 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

Tgt Ion: 94 Resp: 60501
 Ion Ratio Lower Upper
 94 100
 96 97.3 63.9 118.7

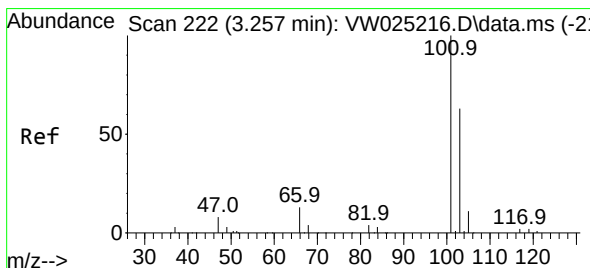
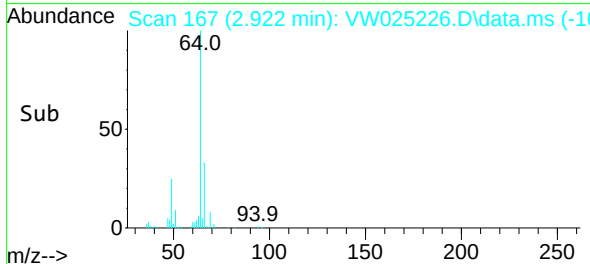
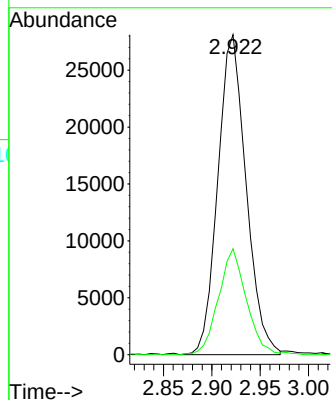
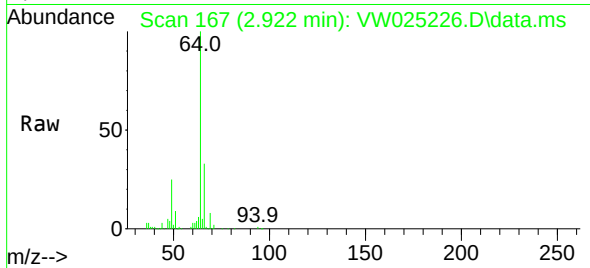




#8
Chloroethane
Concen: 23.713 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

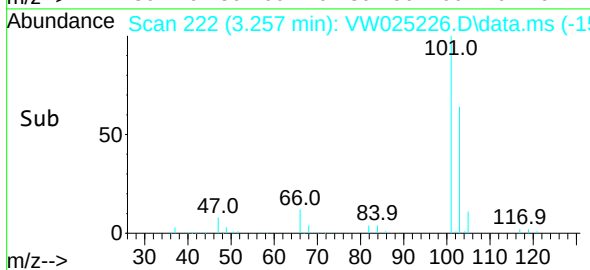
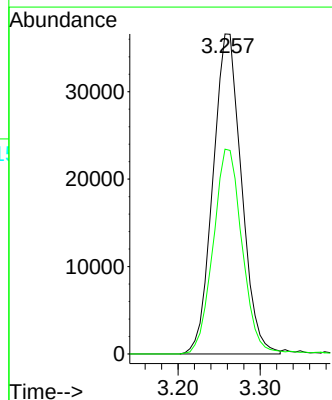
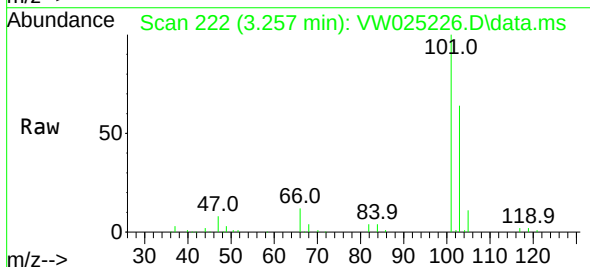
Instrument :
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ClientSampleId :
VSTD025521

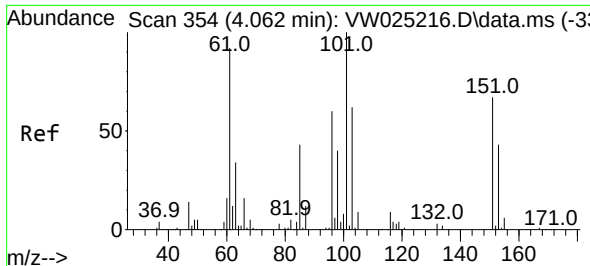
Tgt Ion: 64 Resp: 56960
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.693 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 101 Resp: 88143
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

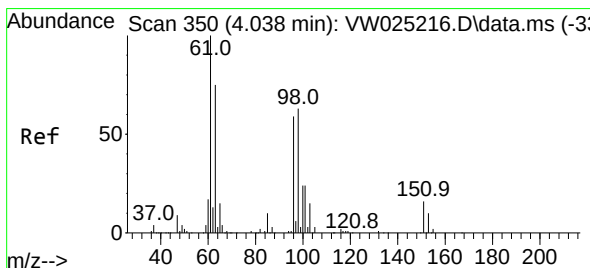
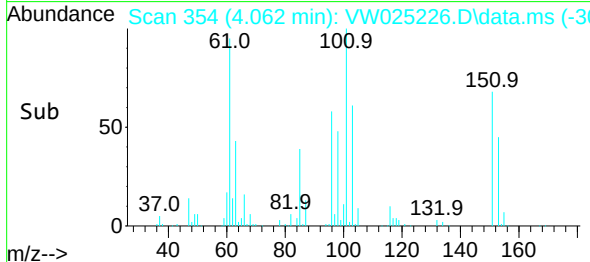
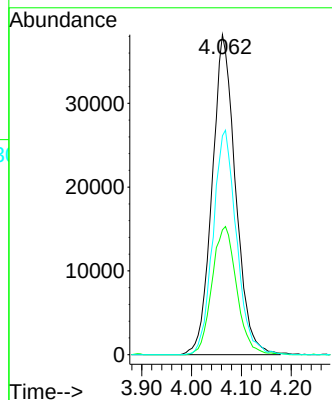
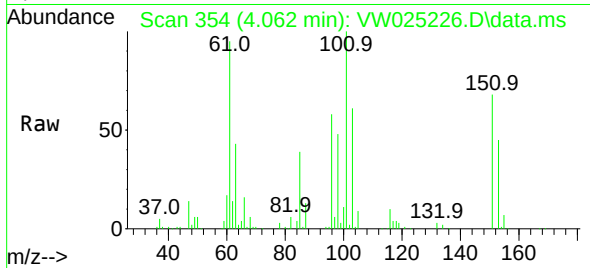




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.036 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

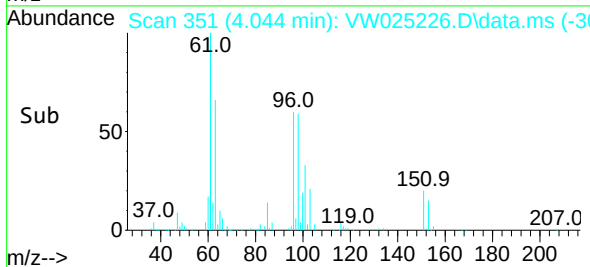
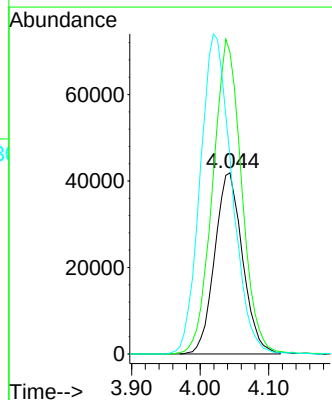
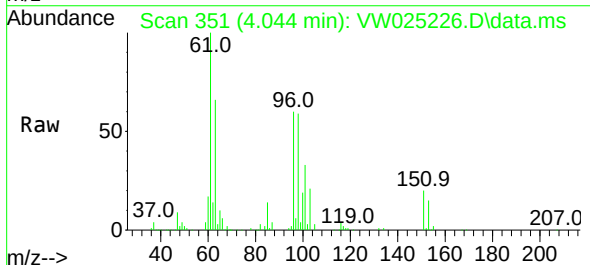
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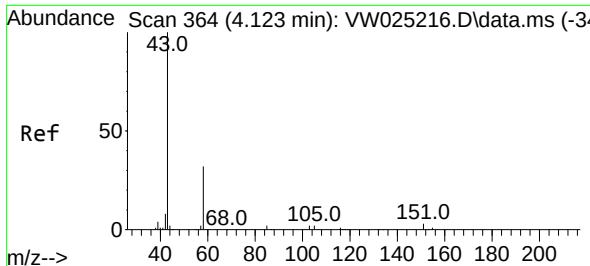
Tgt Ion:101 Resp: 124866
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.8 50.8
 151 70.0 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.607 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW025226.D
 Acq: 11 Jan 2023 15:18

Tgt Ion: 96 Resp: 118272
 Ion Ratio Lower Upper
 96 100
 61 166.6 119.3 221.5
 63 109.2 91.3 169.6

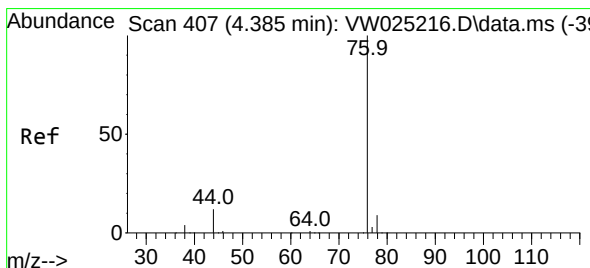
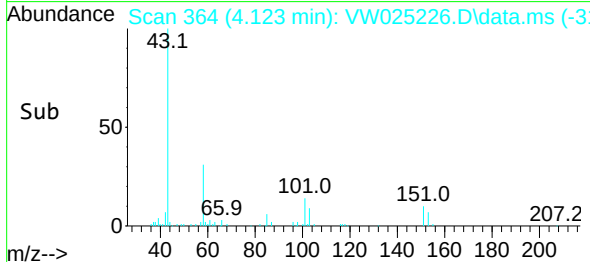
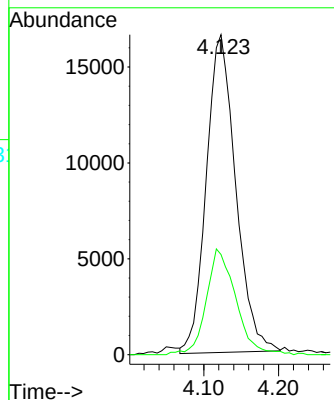
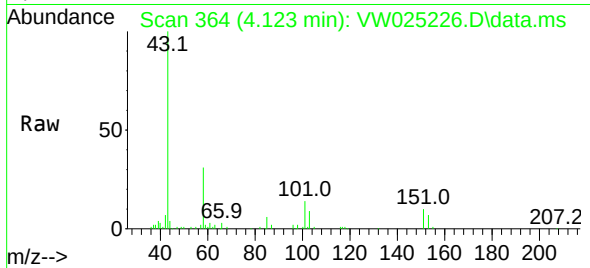




#13
Acetone
Concen: 32.610 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

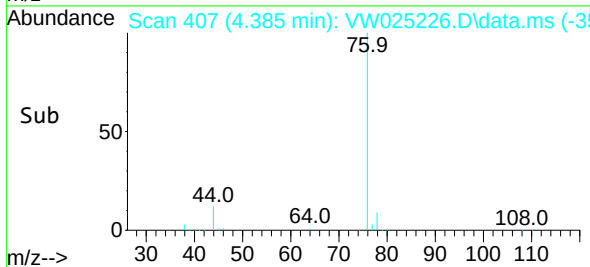
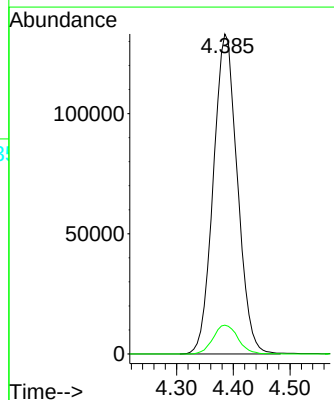
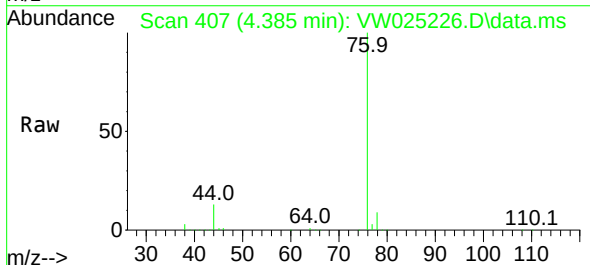
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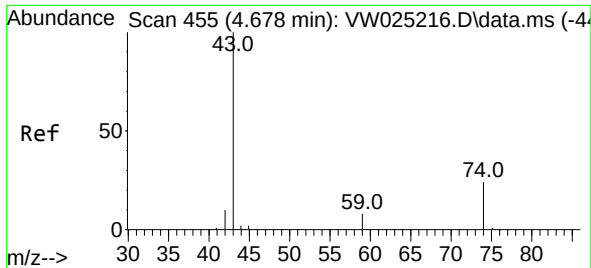
Tgt Ion: 43 Resp: 45348
Ion Ratio Lower Upper
43 100
58 33.4 0.0 66.8



#14
Carbon disulfide
Concen: 23.647 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 392560
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

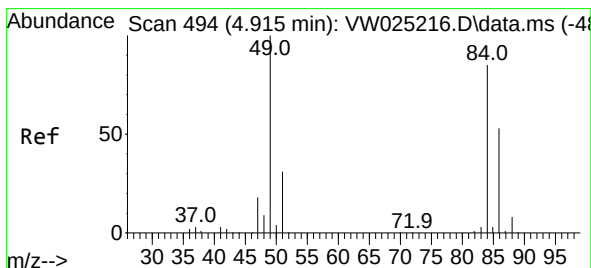
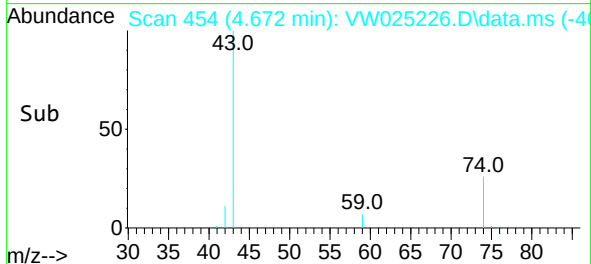
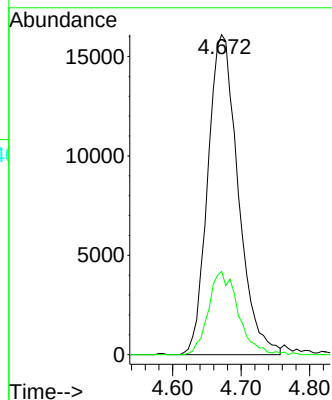
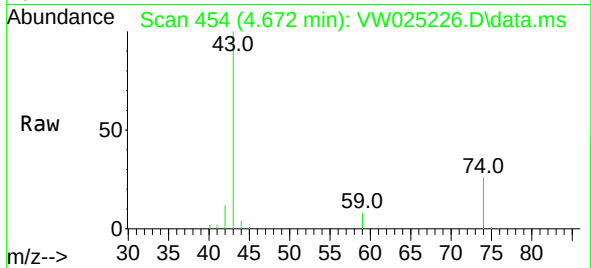




#15
Methyl Acetate
Concen: 24.667 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

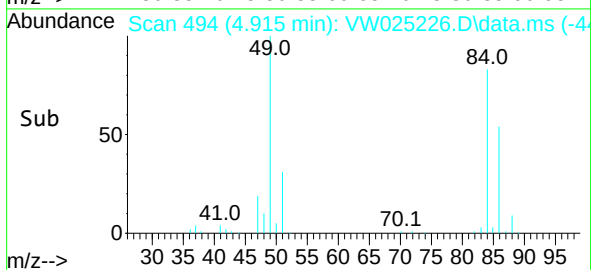
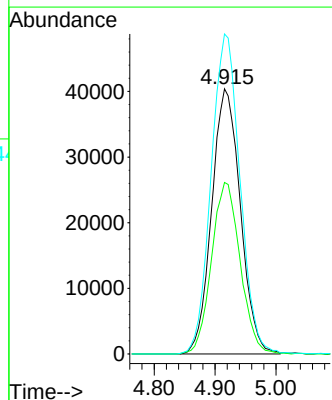
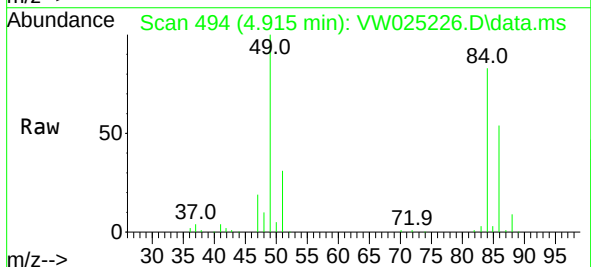
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

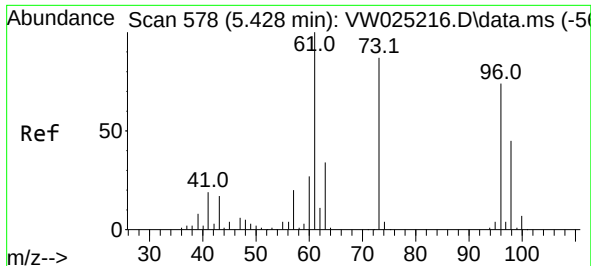
Tgt Ion: 43 Resp: 49561
Ion Ratio Lower Upper
43 100
74 25.2 20.4 30.6



#16
Methylene chloride
Concen: 21.132 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 84 Resp: 132081
Ion Ratio Lower Upper
84 100
86 64.7 43.4 80.6
49 120.7 82.0 152.2

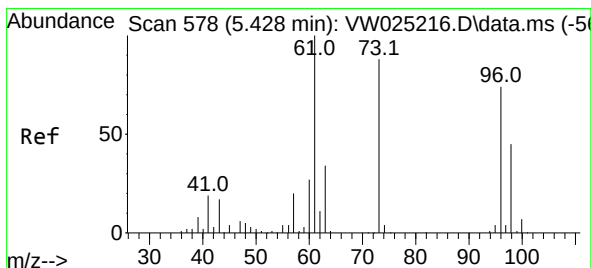
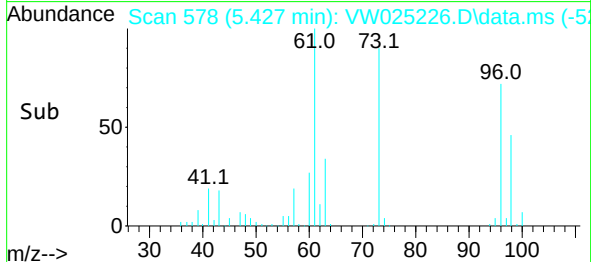
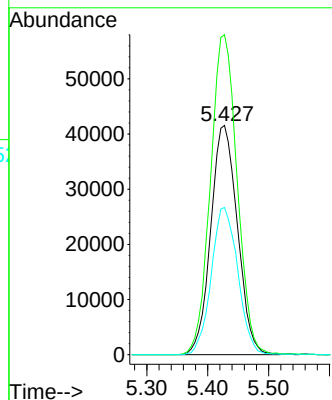
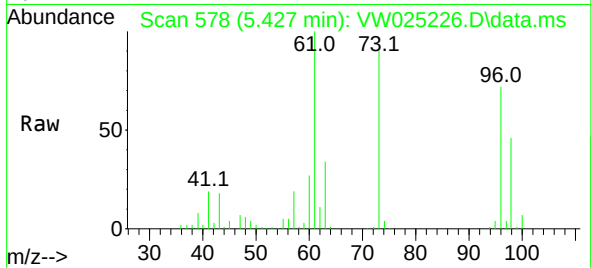




#17
trans-1,2-Dichloroethene
Concen: 23.597 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

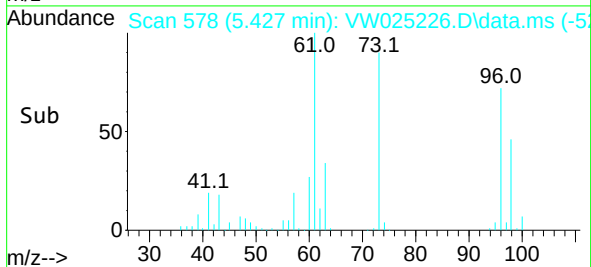
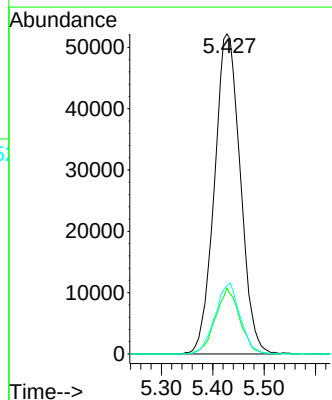
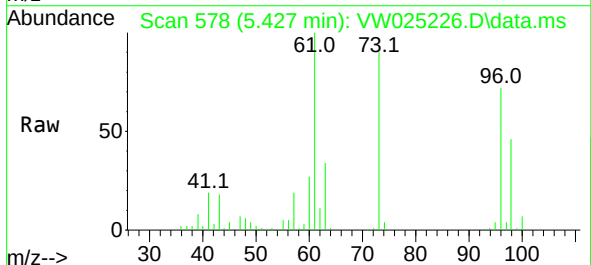
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

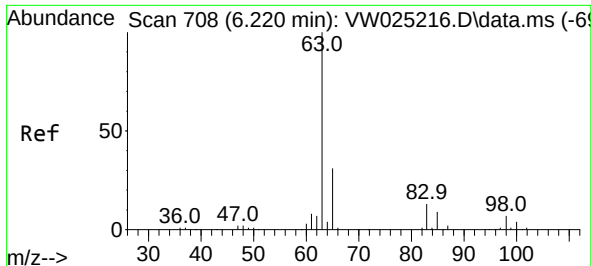
Tgt Ion: 96 Resp: 126632
Ion Ratio Lower Upper
96 100
61 139.6 94.2 175.0
98 64.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.278 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 73 Resp: 182617
Ion Ratio Lower Upper
73 100
43 19.3 15.2 22.8
57 21.3 17.8 26.6

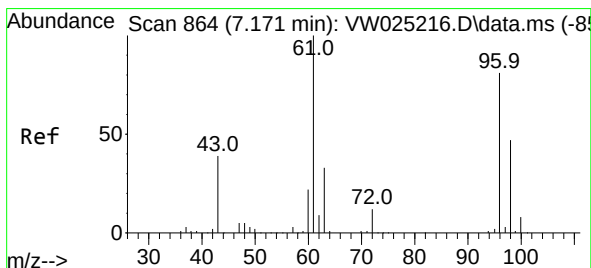
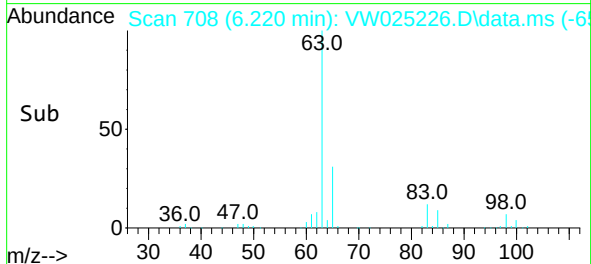
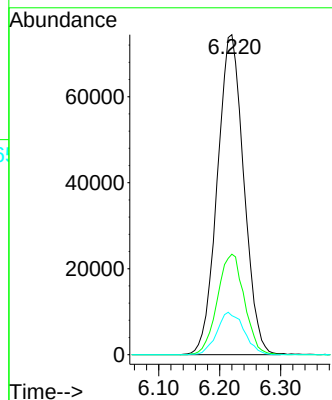
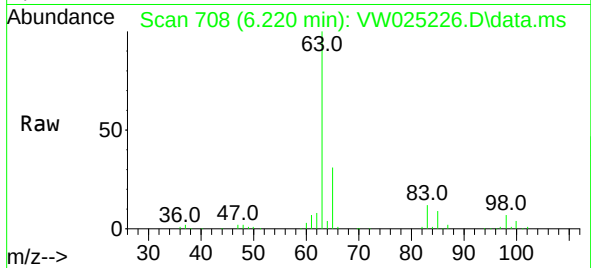




#19
1,1-Dichloroethane
Concen: 23.769 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

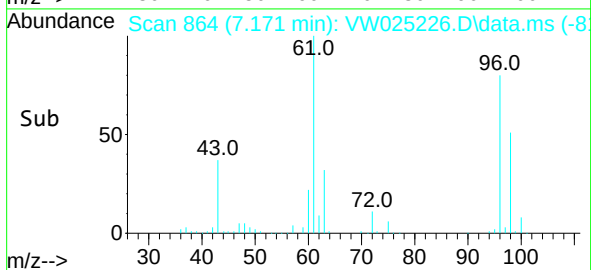
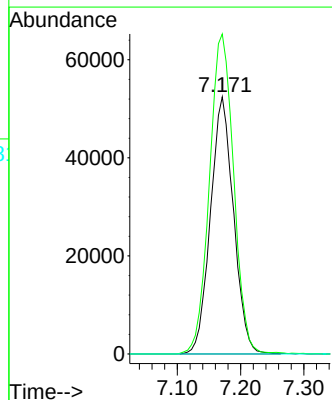
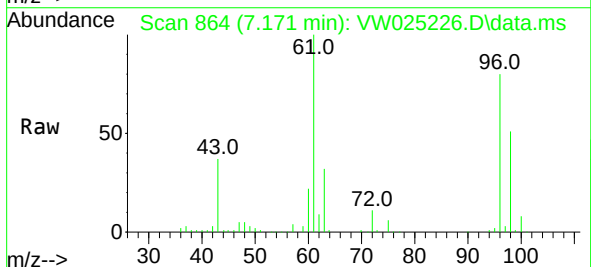
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

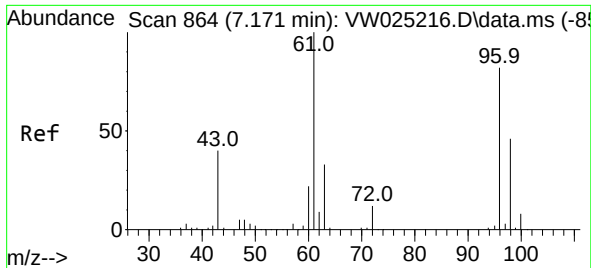
Tgt Ion: 63 Resp: 224386
Ion Ratio Lower Upper
63 100
65 31.4 21.7 40.3
83 12.2 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 23.778 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 96 Resp: 132622
Ion Ratio Lower Upper
96 100
61 124.5 86.0 159.8
68 0.0 0.0 0.0

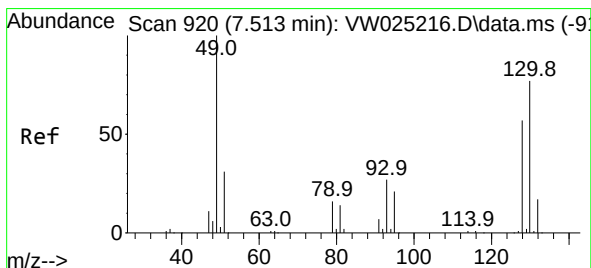
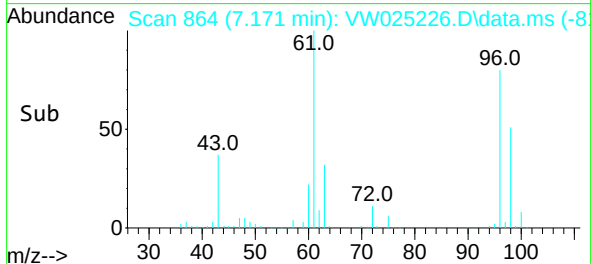
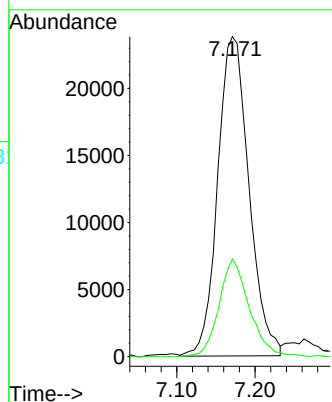
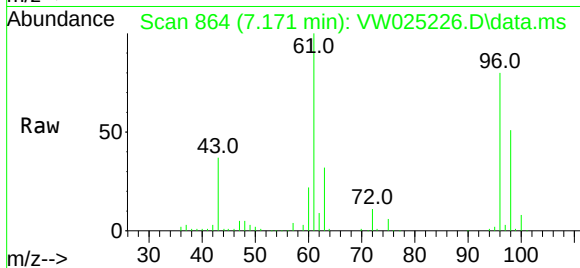




#22
2-Butanone
Concen: 42.748 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

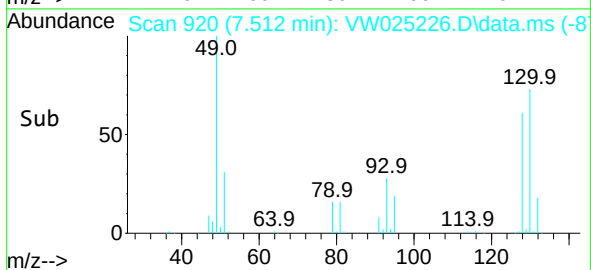
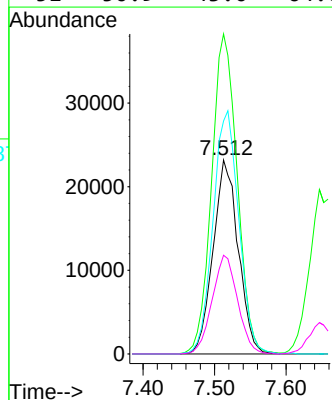
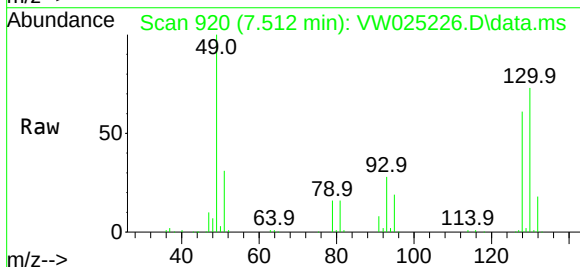
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

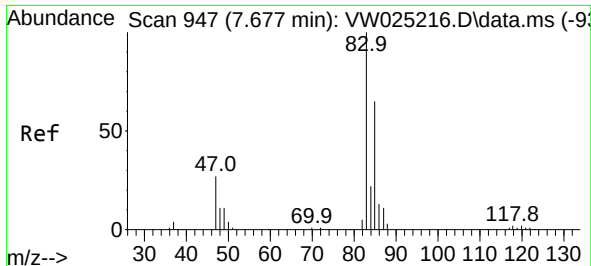
Tgt Ion: 43 Resp: 66053
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1



#23
Bromochloromethane
Concen: 24.312 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 128 Resp: 56600
Ion Ratio Lower Upper
128 100
49 165.0 122.1 226.7
130 120.2 94.0 174.6
51 50.9 43.0 64.6

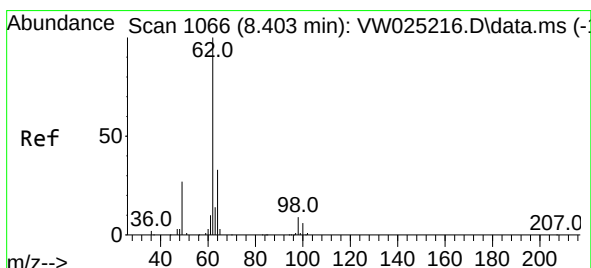
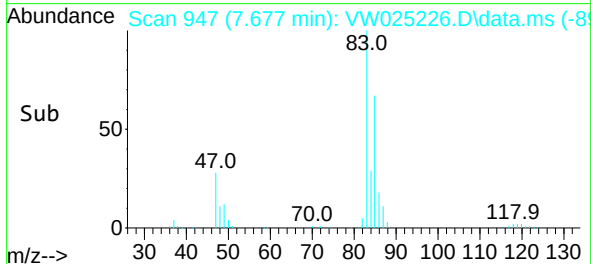
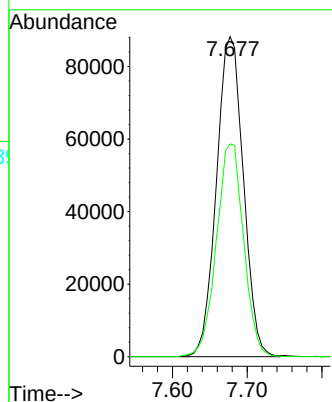
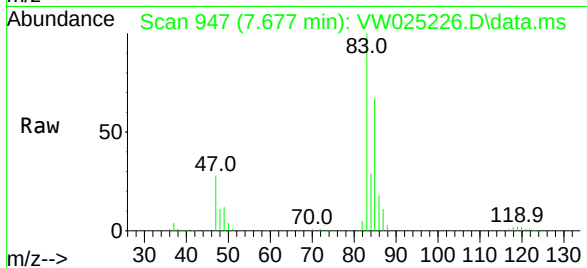




#25
Chloroform
Concen: 23.802 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

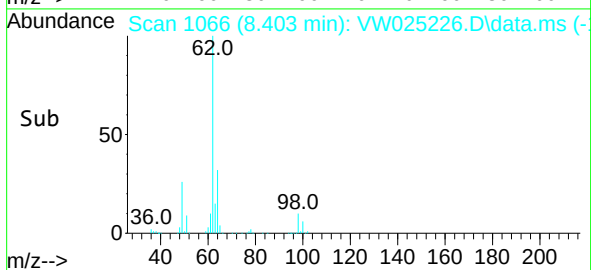
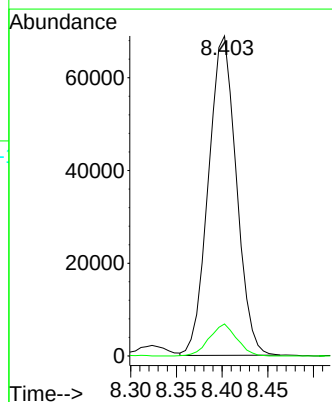
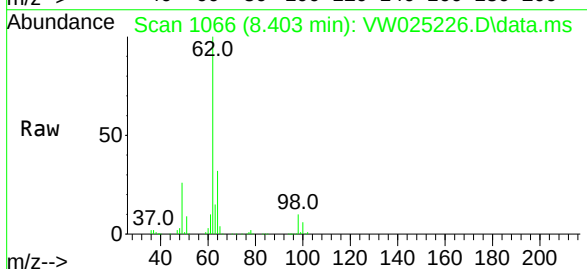
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

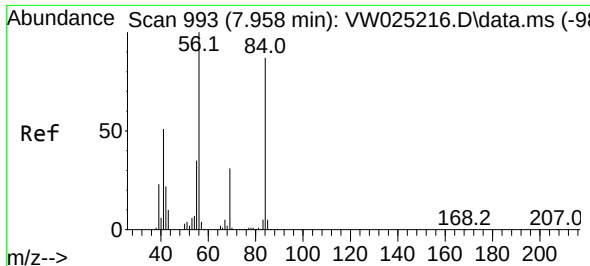
Tgt Ion: 83 Resp: 220928
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.470 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

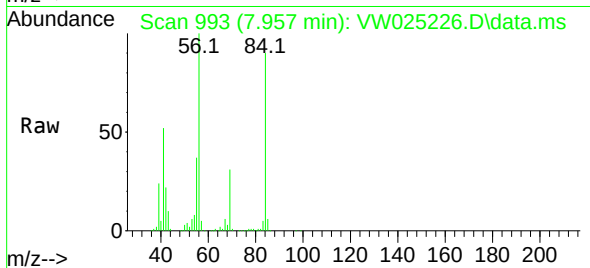
Tgt Ion: 62 Resp: 146313
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3



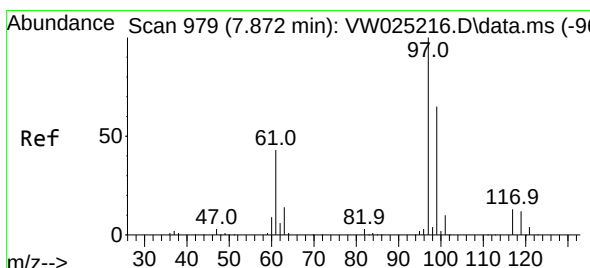
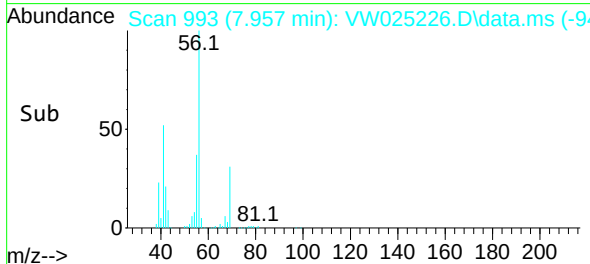
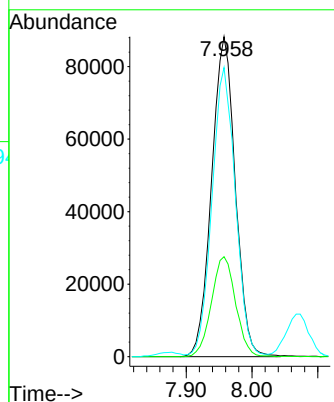


#29
Cyclohexane
Concen: 27.412 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

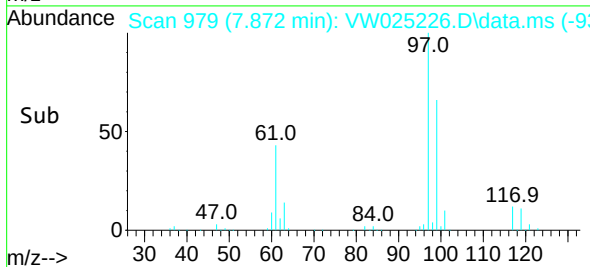
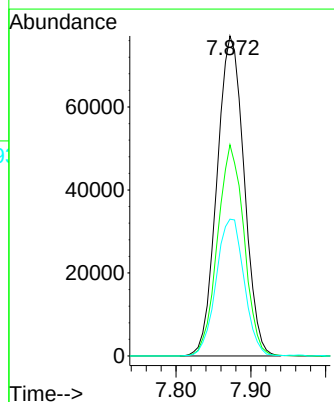
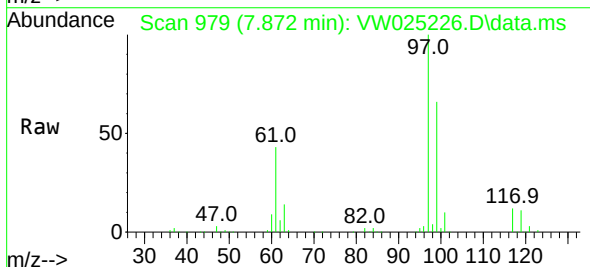


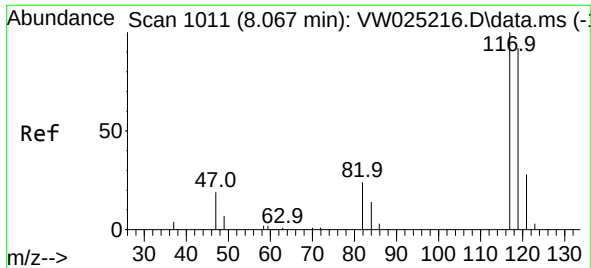
Tgt Ion: 56 Resp: 221557
Ion Ratio Lower Upper
56 100
69 31.8 25.1 37.7
84 89.4 71.0 106.4



#30
1,1,1-Trichloroethane
Concen: 28.628 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 97 Resp: 194959
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 44.1 35.6 53.4

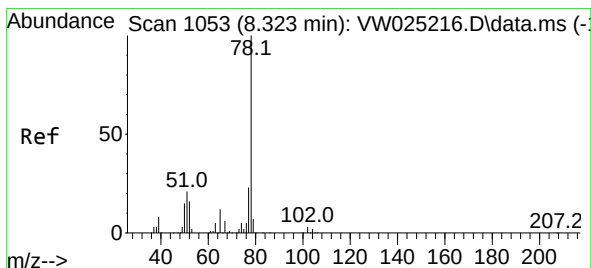
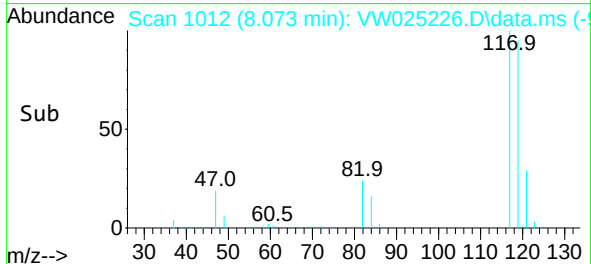
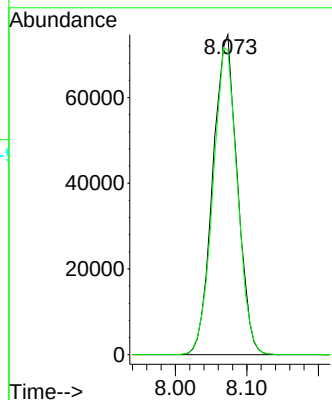
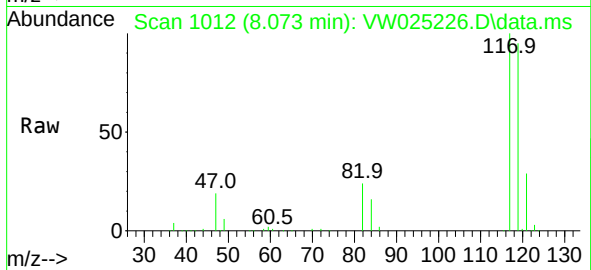




#31
Carbon tetrachloride
Concen: 28.671 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

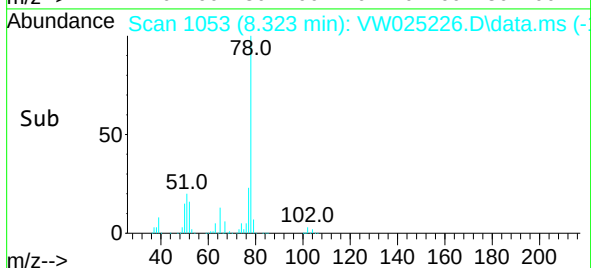
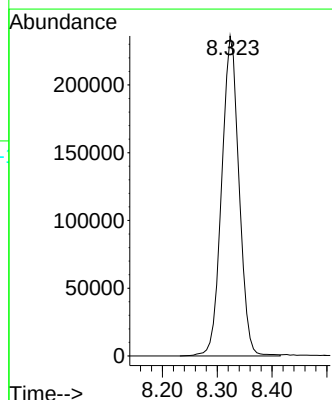
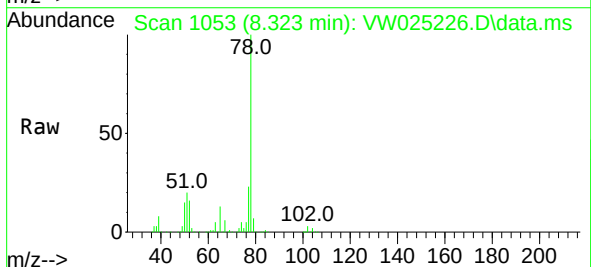
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

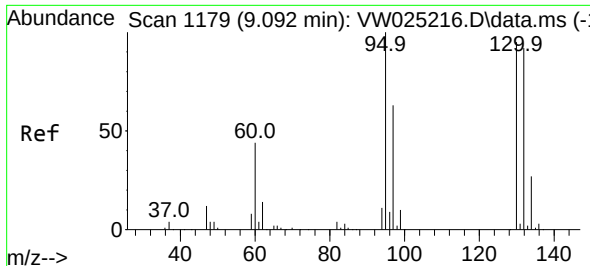
Tgt Ion:117 Resp: 177817
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 28.107 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 78 Resp: 520998

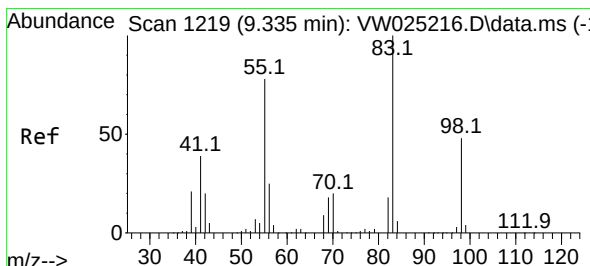
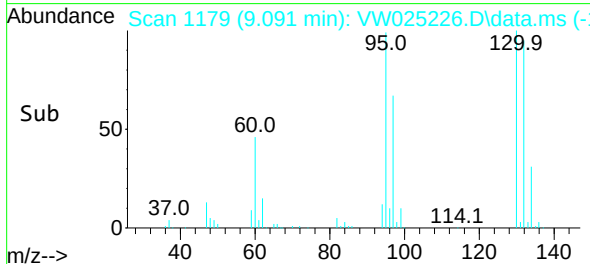
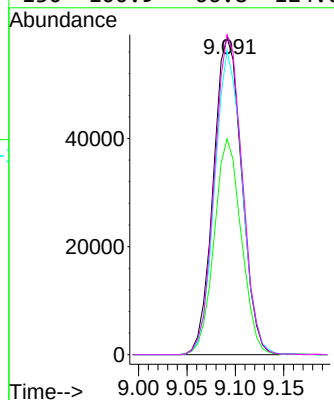
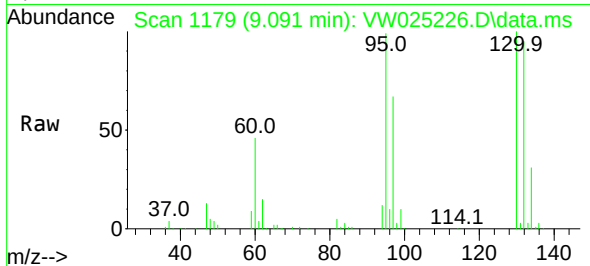




#34
Trichloroethene
Concen: 24.690 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

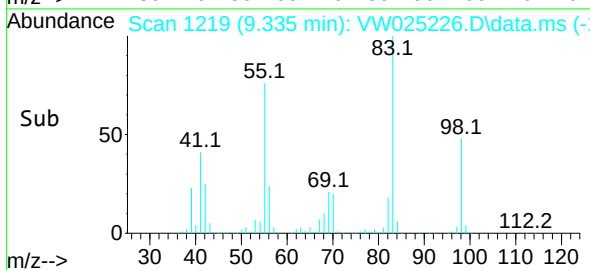
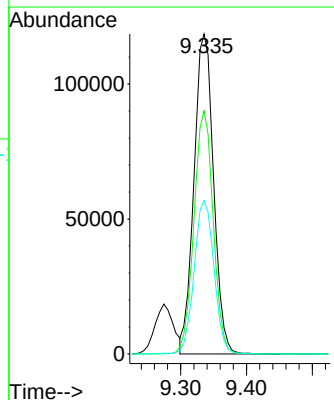
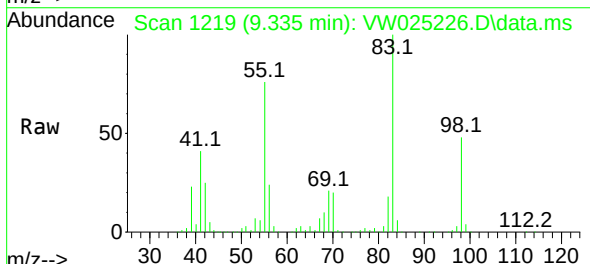
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

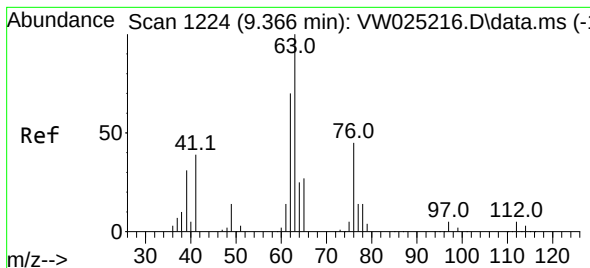
Tgt Ion: 95 Resp: 119350
Ion Ratio Lower Upper
95 100
97 67.9 44.4 82.4
132 95.9 64.5 119.7
130 100.9 66.8 124.0



#35
Methylcyclohexane
Concen: 27.859 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 83 Resp: 244382
Ion Ratio Lower Upper
83 100
55 75.0 61.0 91.4
98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 27.254 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

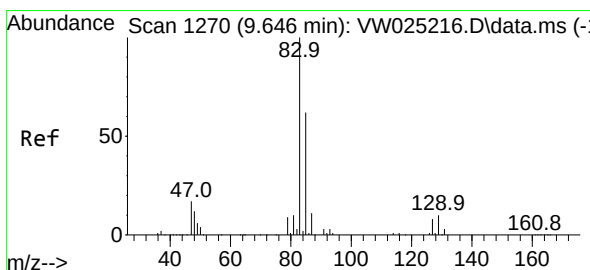
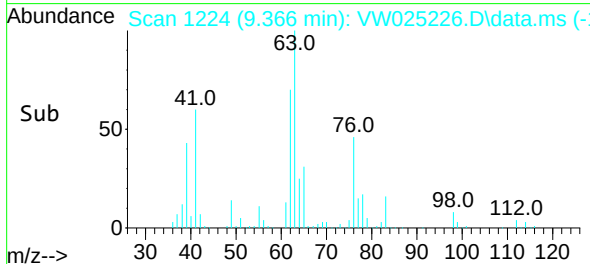
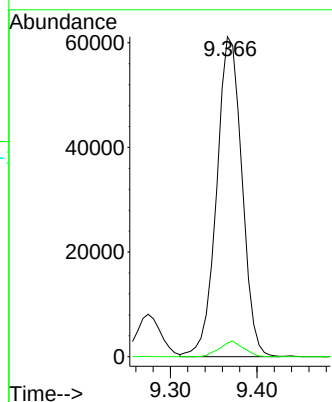
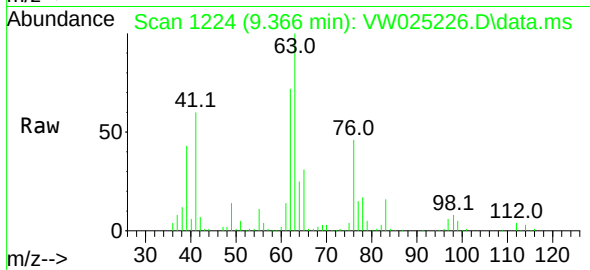
VSTD025521

Tgt Ion: 63 Resp: 124225

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 28.442 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

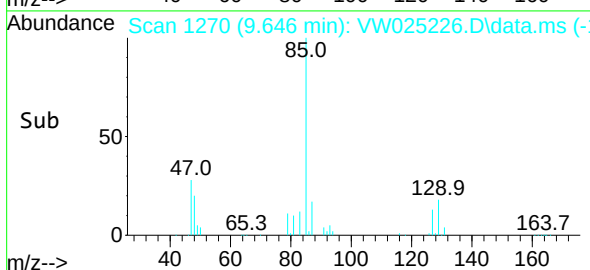
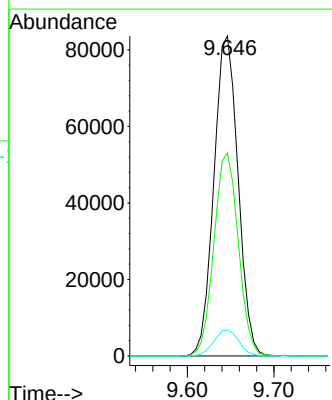
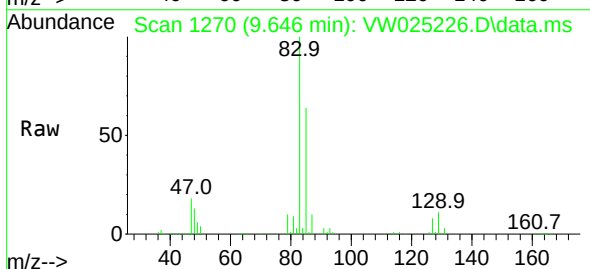
Tgt Ion: 83 Resp: 162060

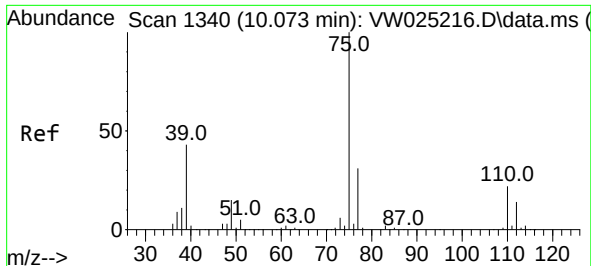
Ion Ratio Lower Upper

83 100

85 63.5 43.4 80.6

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.618 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

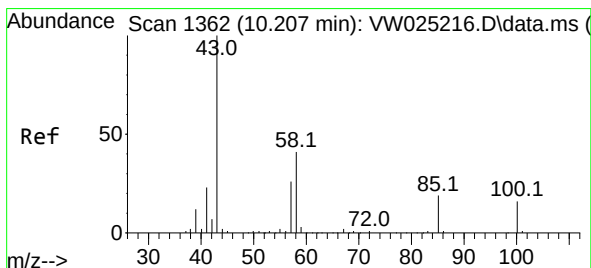
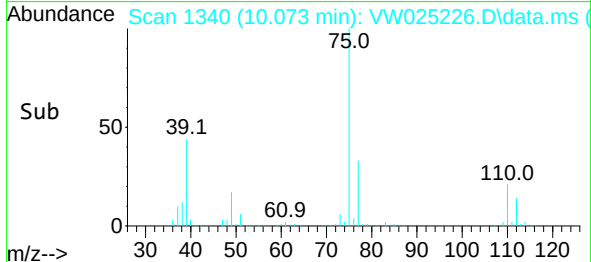
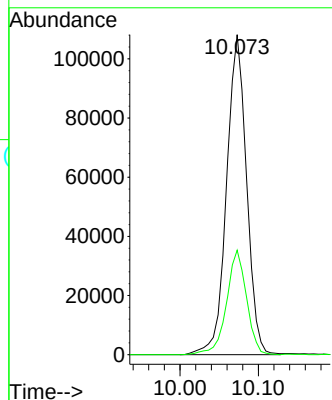
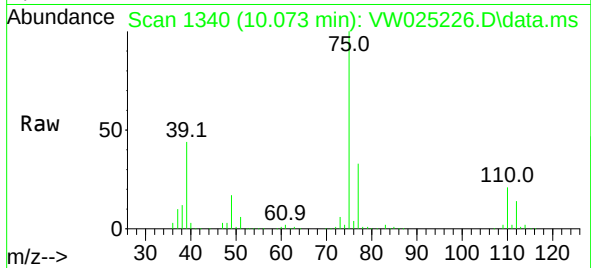
VSTD025521

Tgt Ion: 75 Resp: 192028

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 58.670 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

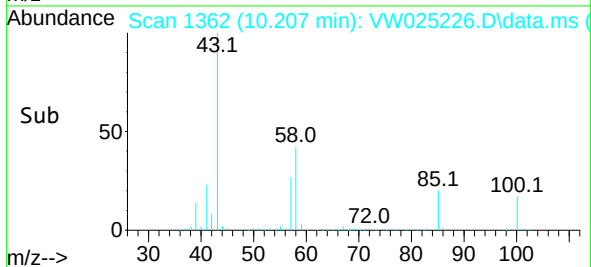
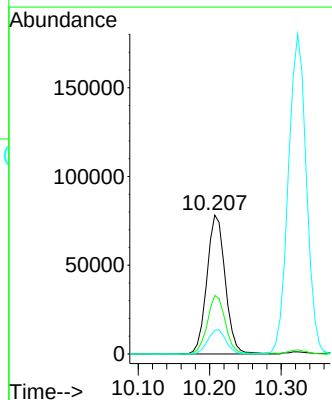
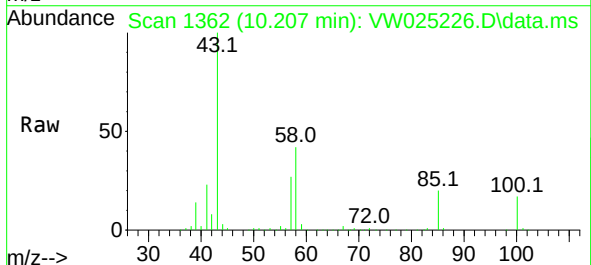
Tgt Ion: 43 Resp: 139564

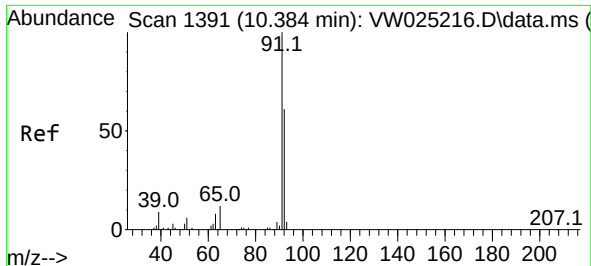
Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.6

100 17.5 13.4 20.2

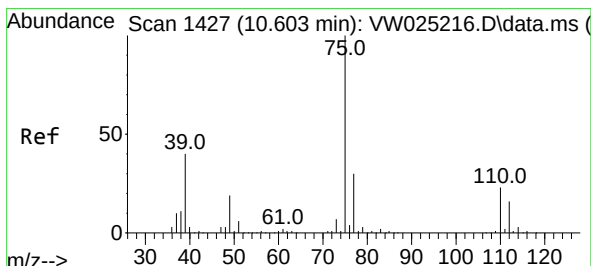
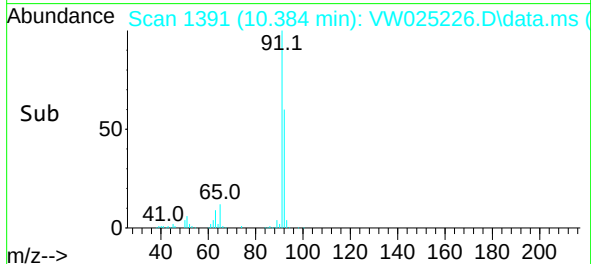
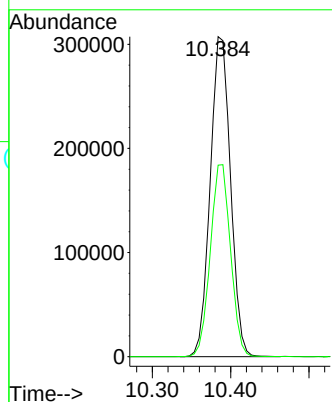
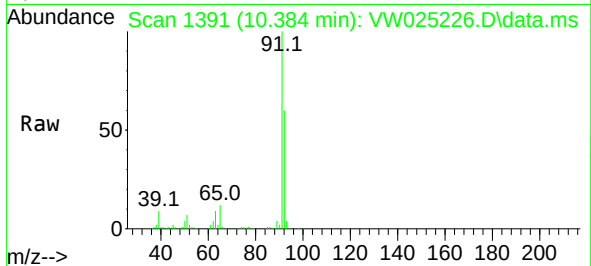




#42
Toluene
Concen: 28.337 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

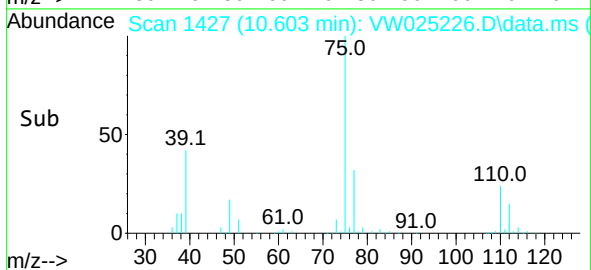
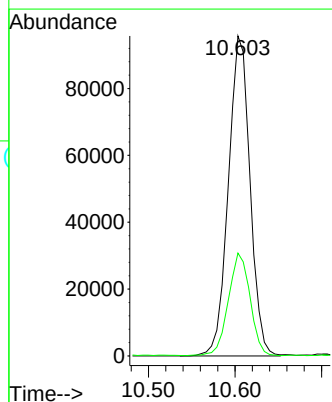
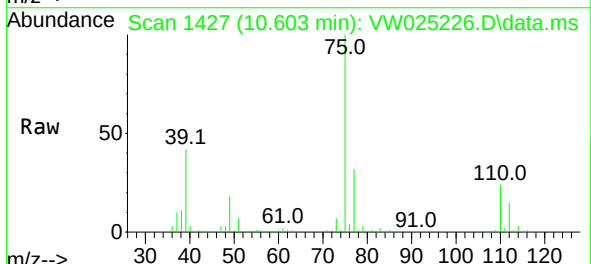
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

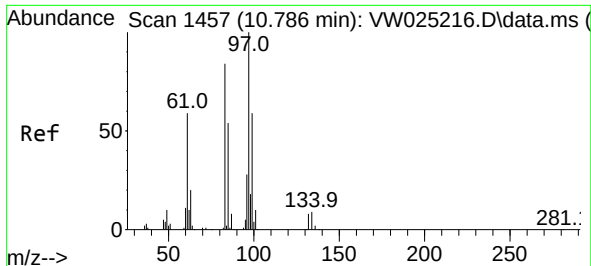
Tgt Ion: 91 Resp: 552491
Ion Ratio Lower Upper
91 100
92 59.8 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.949 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 75 Resp: 166243
Ion Ratio Lower Upper
75 100
77 32.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.495 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025226.D

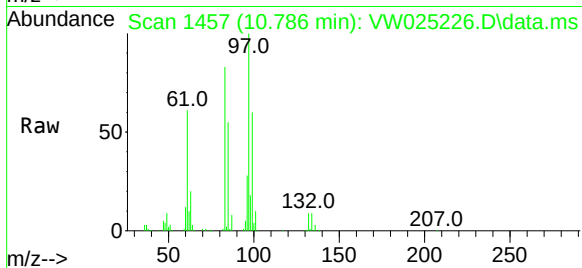
Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521



Tgt Ion: 97 Resp: 90094

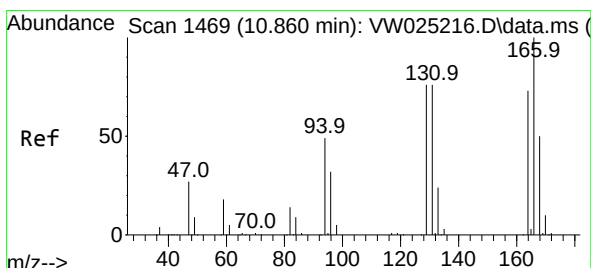
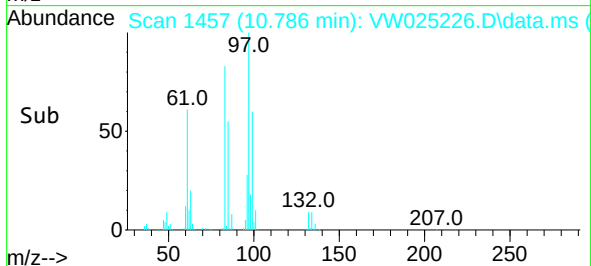
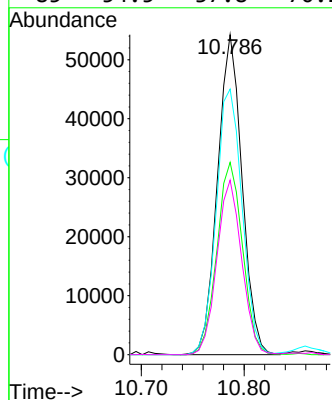
Ion Ratio Lower Upper

97 100

99 60.1 41.1 76.3

83 83.0 58.6 108.8

85 54.5 37.8 70.2



#46

Tetrachloroethene

Concen: 27.948 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Tgt Ion:164 Resp: 99262

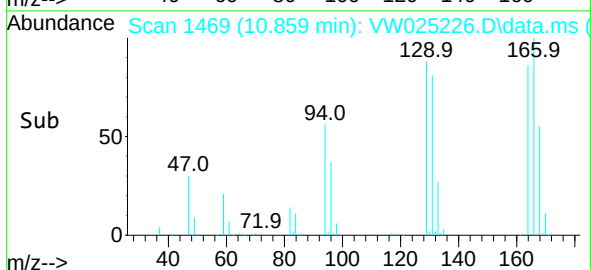
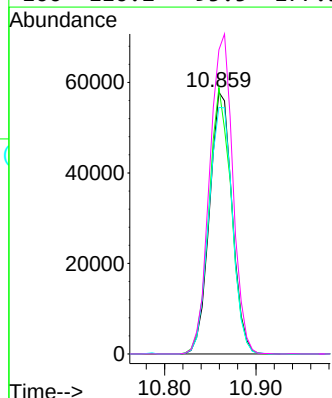
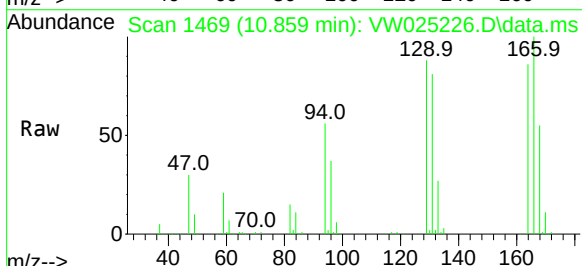
Ion Ratio Lower Upper

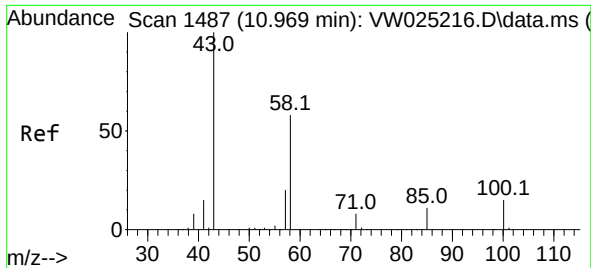
164 100

129 101.7 72.8 135.2

131 94.2 72.2 134.2

166 116.2 95.5 177.3

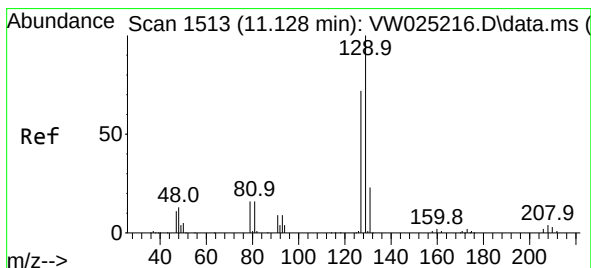
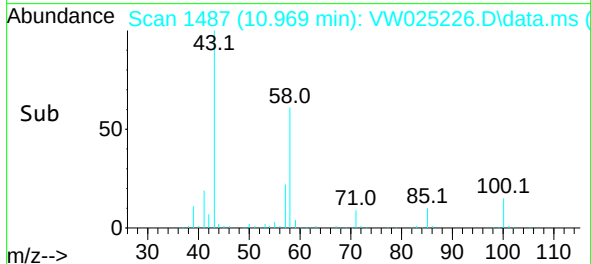
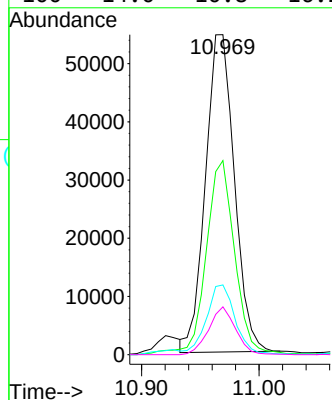
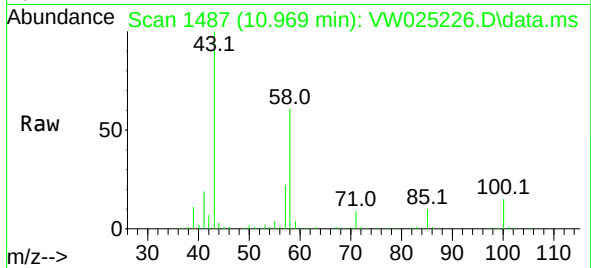




#48
2-Hexanone
Concen: 51.219 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

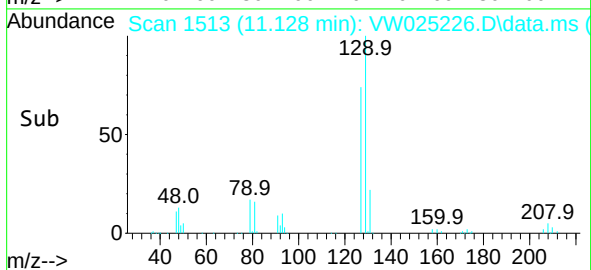
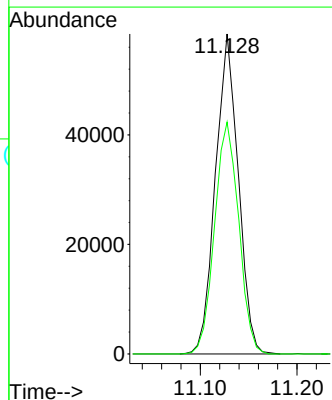
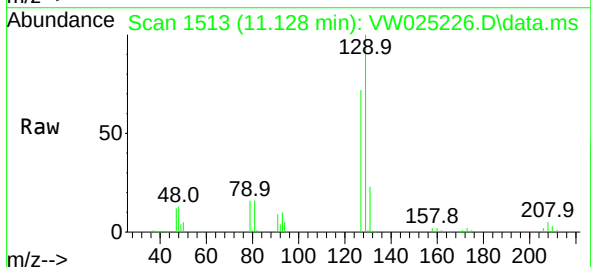
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

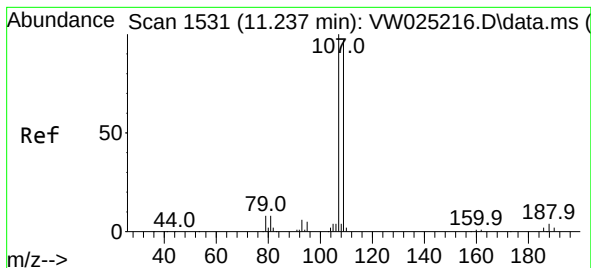
Tgt Ion:	43	Resp:	93440
Ion	Ratio	Lower	Upper
43	100		
58	60.6	45.8	68.6
57	21.6	16.2	24.4
100	14.0	10.8	16.2



#49
Dibromochloromethane
Concen: 25.972 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:	129	Resp:	95834
Ion	Ratio	Lower	Upper
129	100		
127	72.4	50.4	93.6





#50

1,2-Dibromoethane

Concen: 25.621 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

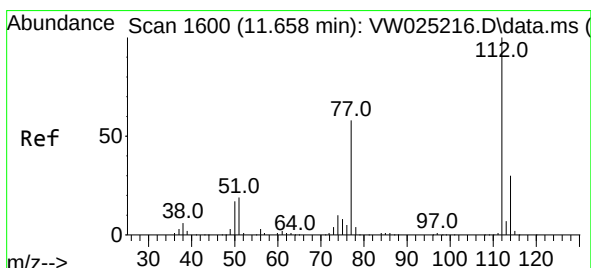
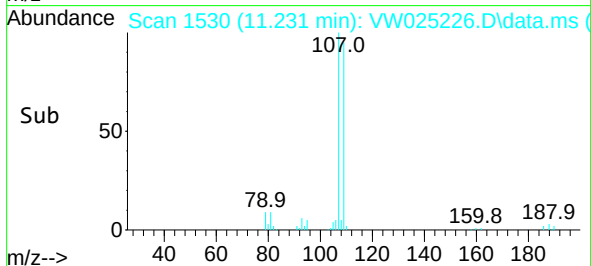
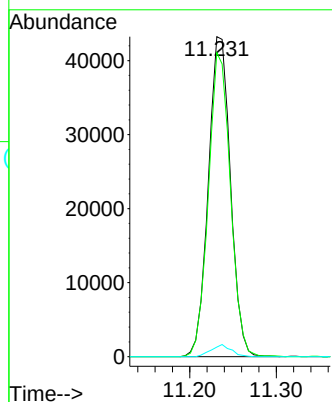
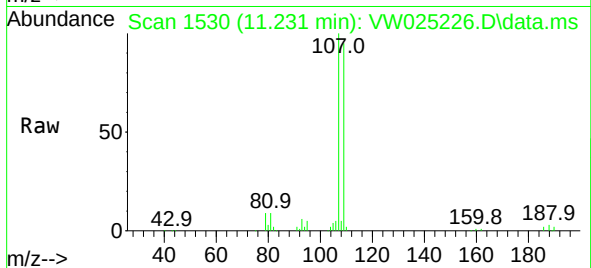
Tgt Ion:107 Resp: 76632

Ion Ratio Lower Upper

107 100

109 95.0 68.2 126.6

188 3.0 3.1 4.7#



#51

Chlorobenzene

Concen: 23.964 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

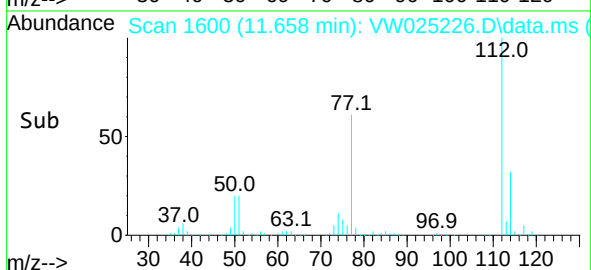
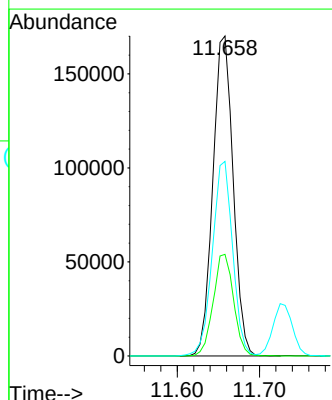
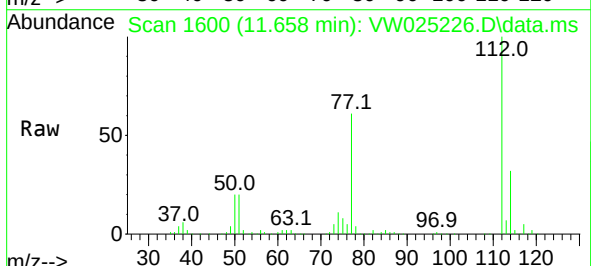
Tgt Ion:112 Resp: 291818

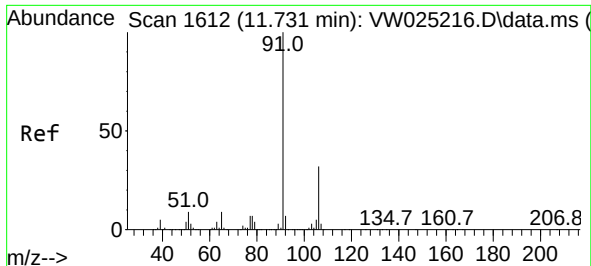
Ion Ratio Lower Upper

112 100

114 31.8 21.1 39.1

77 60.8 46.6 69.8

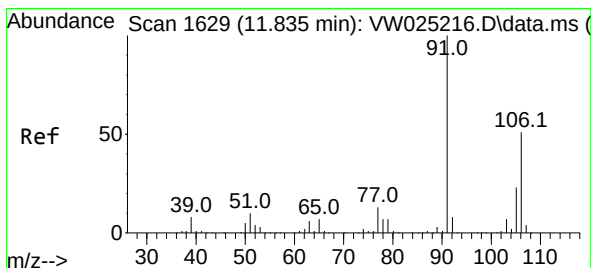
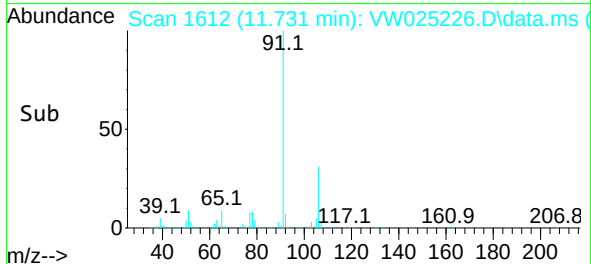
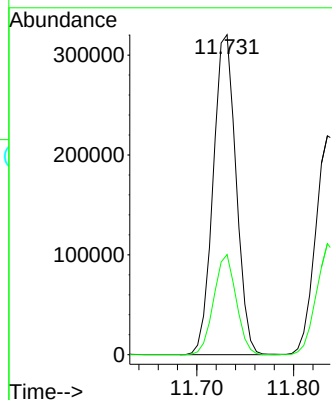
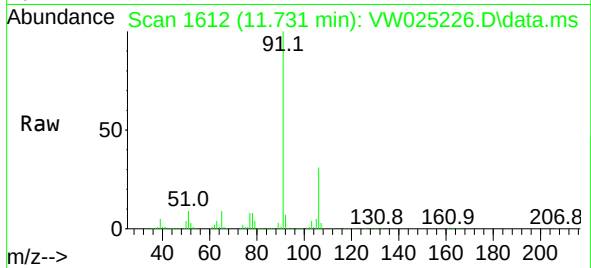




#52
Ethylbenzene
Concen: 24.274 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

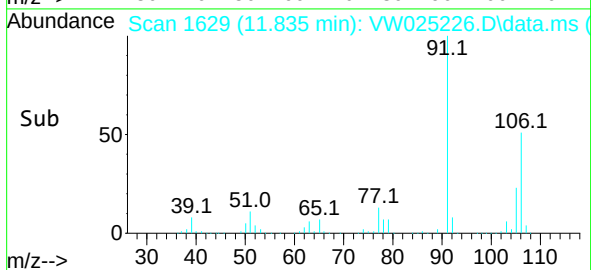
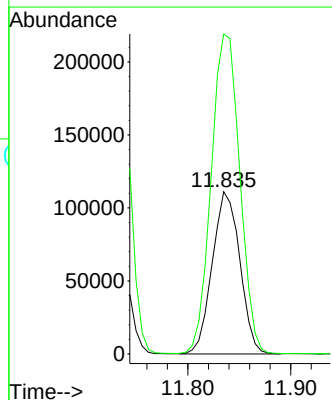
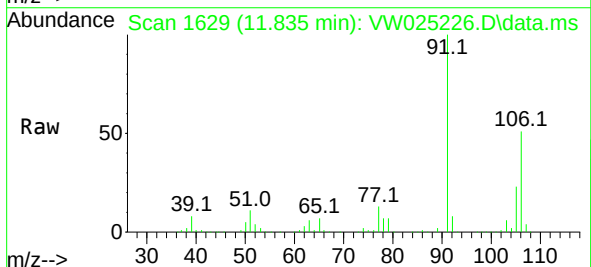
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

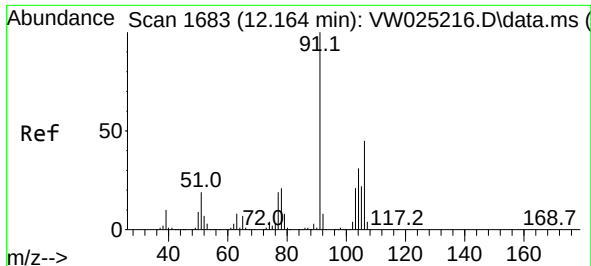
Tgt Ion: 91 Resp: 527406
Ion Ratio Lower Upper
91 100
106 31.3 22.1 41.1



#53
m,p-Xylene
Concen: 24.661 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 106 Resp: 207067
Ion Ratio Lower Upper
106 100
91 197.2 138.5 257.3

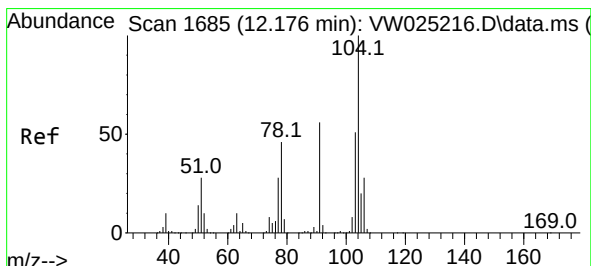
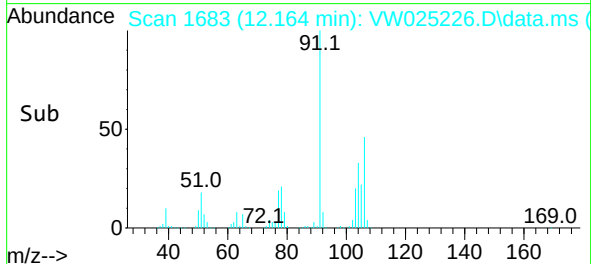
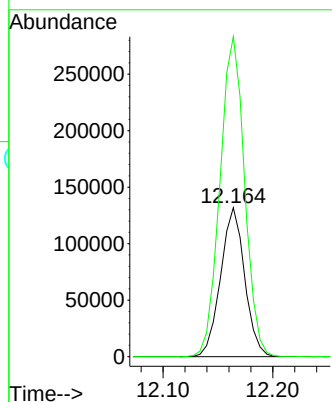
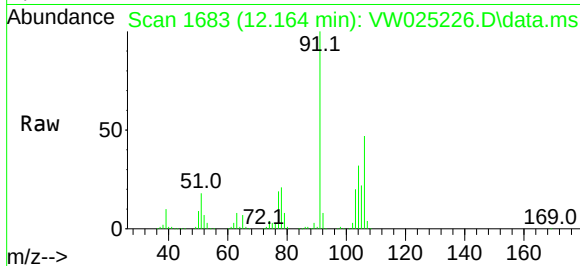




#54
o-Xylene
Concen: 26.021 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

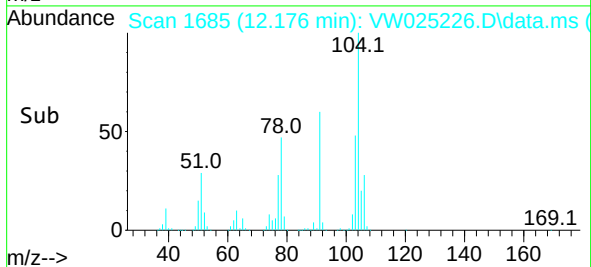
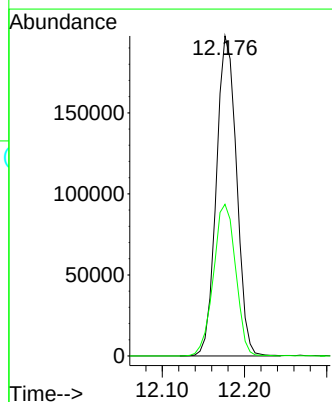
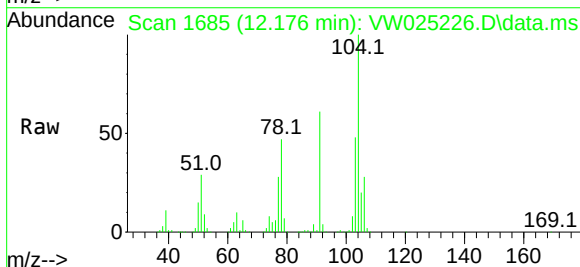
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

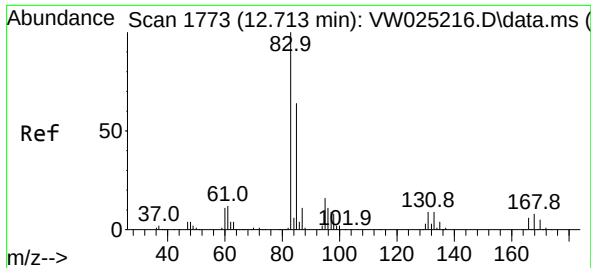
Tgt Ion:106 Resp: 201084
Ion Ratio Lower Upper
106 100
91 214.7 155.3 288.5



#55
Styrene
Concen: 25.704 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:104 Resp: 337578
Ion Ratio Lower Upper
104 100
78 47.4 32.6 60.5

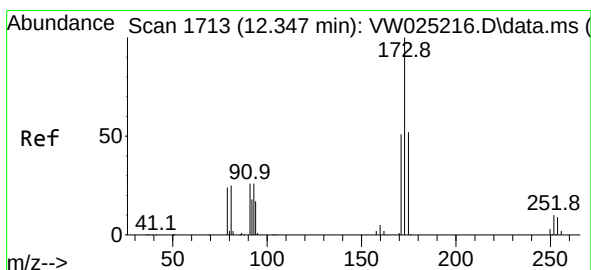
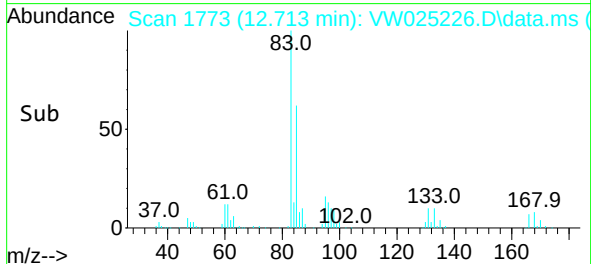
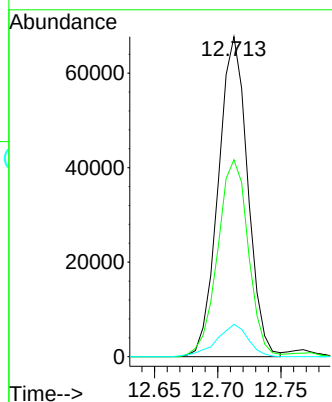
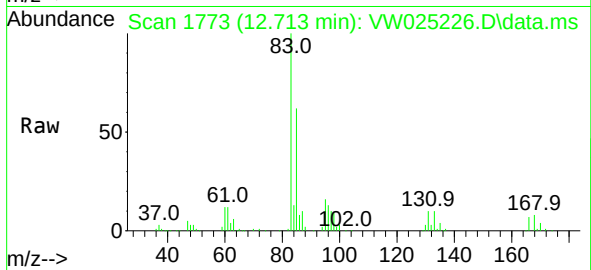




#57
1,1,2-Tetrachloroethane
Concen: 30.982 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

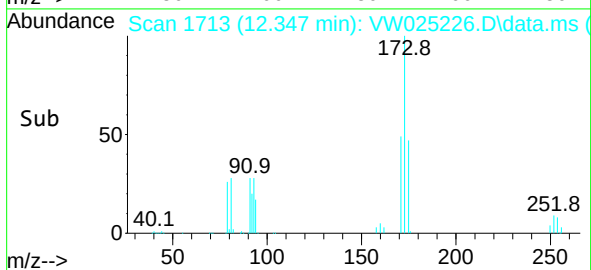
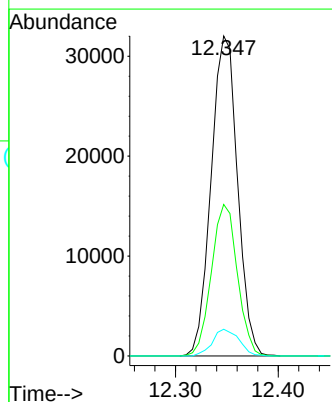
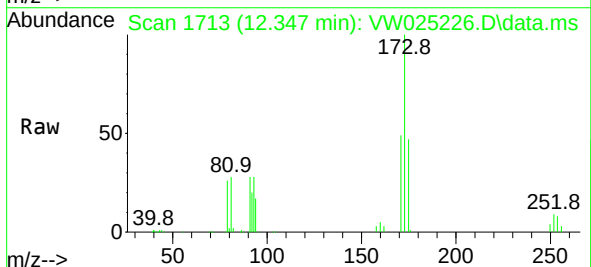
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

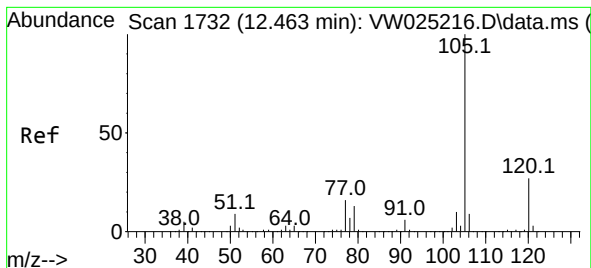
Tgt Ion: 83 Resp: 109231
Ion Ratio Lower Upper
83 100
85 61.5 44.8 83.2
131 10.1 7.4 11.0



#59
Bromoform
Concen: 24.629 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:173 Resp: 57133
Ion Ratio Lower Upper
173 100
175 46.6 40.7 61.1
254 8.4 6.7 10.1

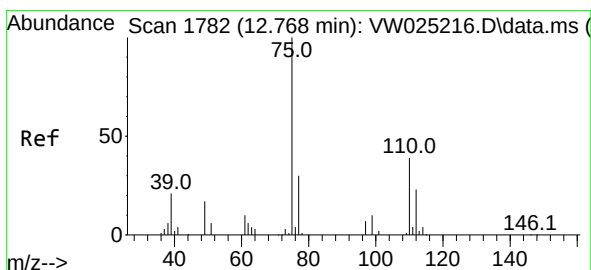
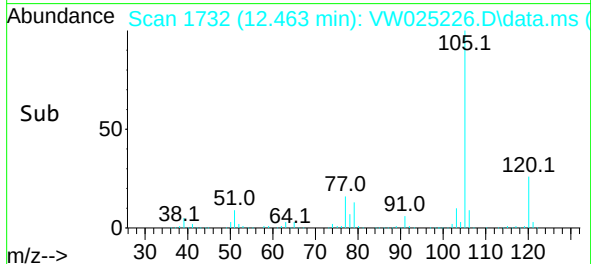
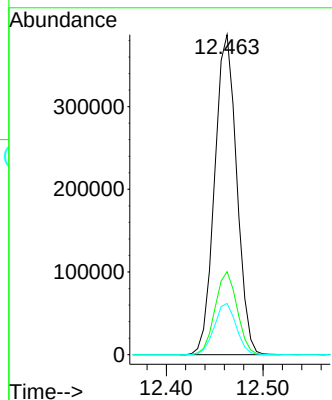
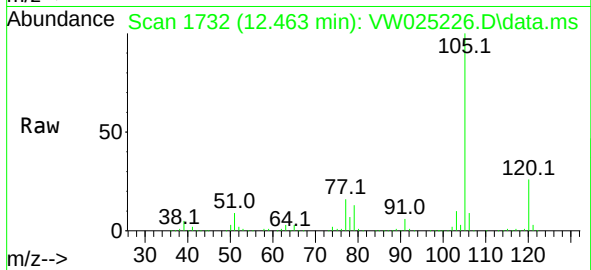




#60
Isopropylbenzene
Concen: 23.130 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

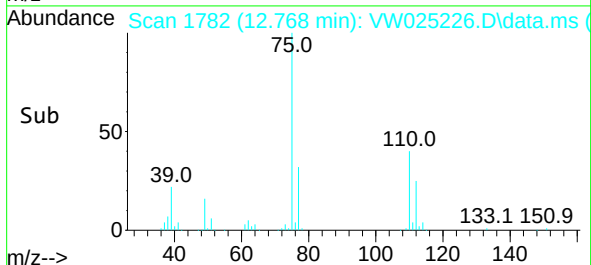
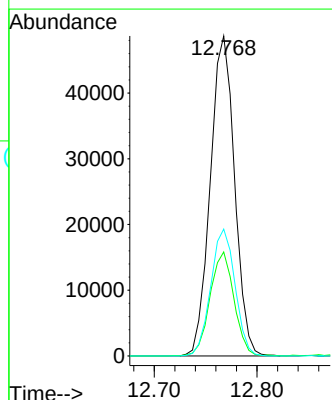
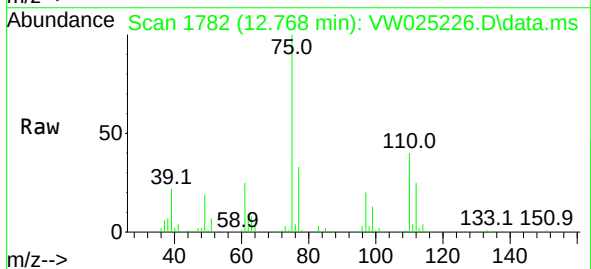
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

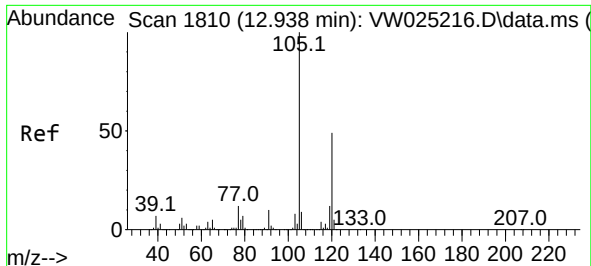
Tgt Ion:105 Resp: 612919
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 24.357 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 75 Resp: 79911
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 39.6 31.2 46.8

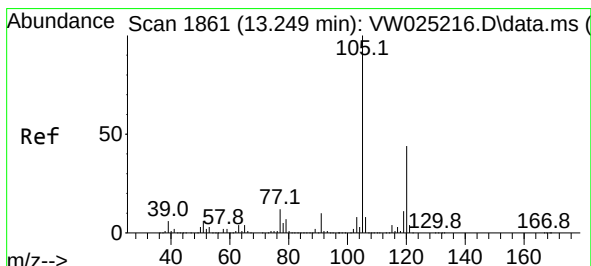
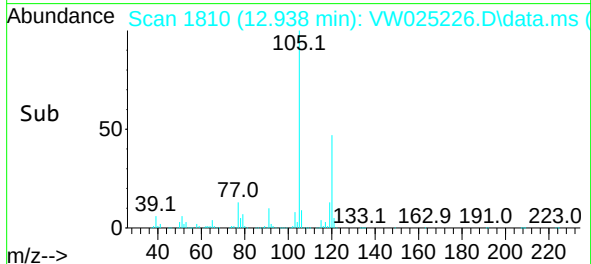
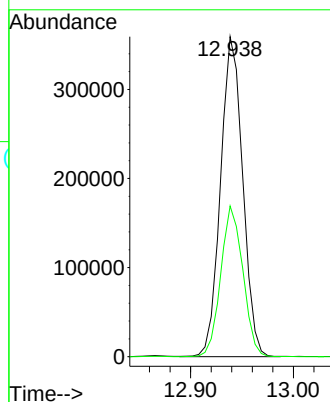
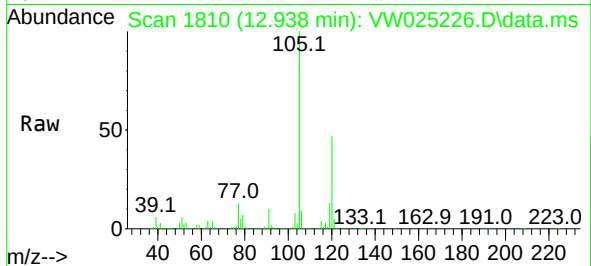




#62
1,3,5-Trimethylbenzene
Concen: 23.949 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

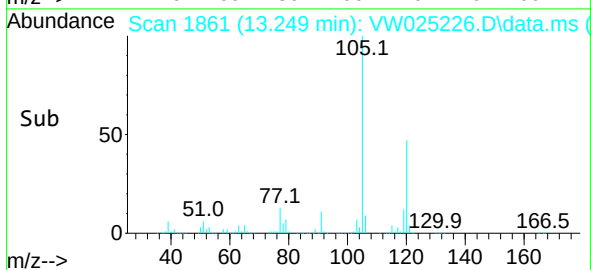
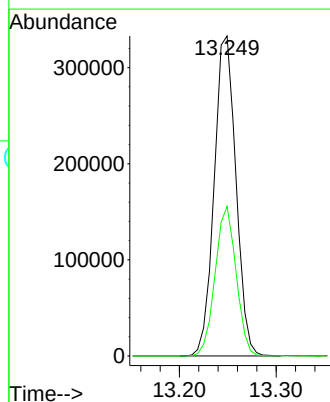
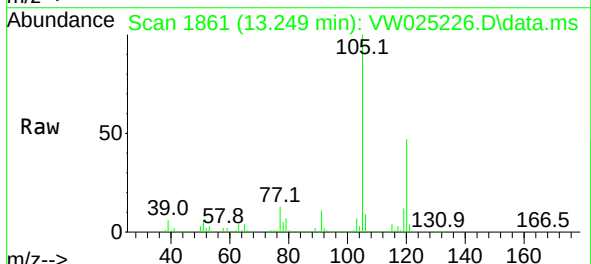
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

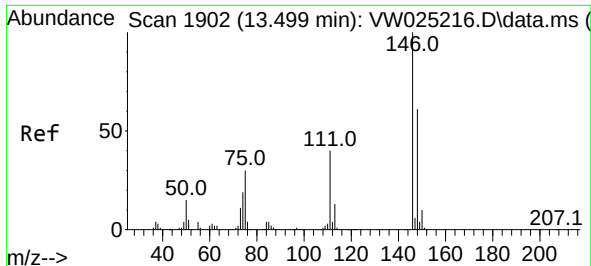
Tgt Ion:105 Resp: 538063
Ion Ratio Lower Upper
105 100
120 46.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 23.451 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:105 Resp: 519736
Ion Ratio Lower Upper
105 100
120 45.0 35.1 52.7

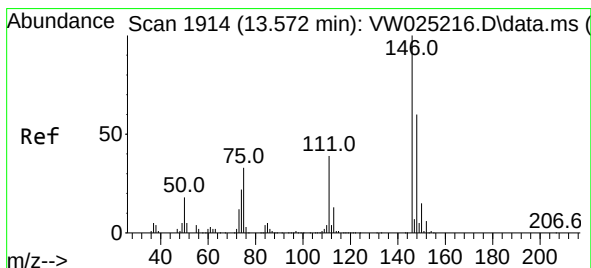
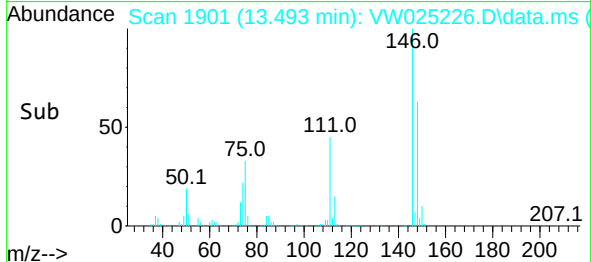
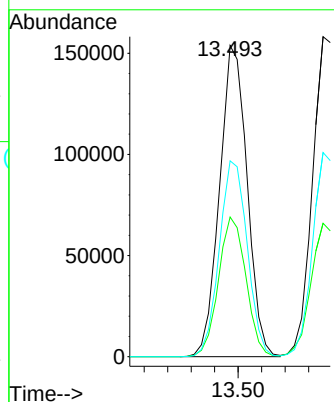
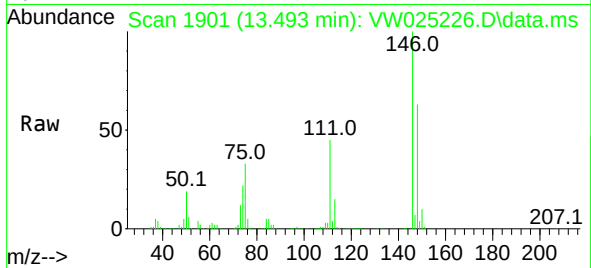




#64
1,3-Dichlorobenzene
Concen: 23.169 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

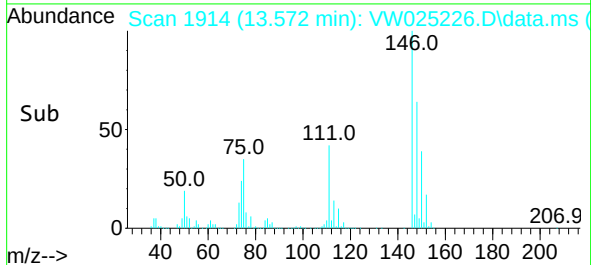
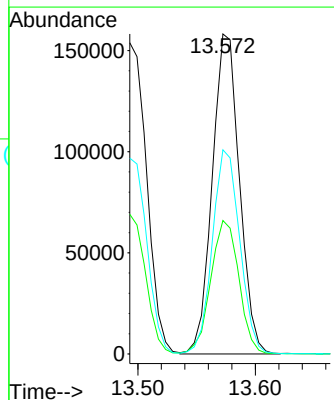
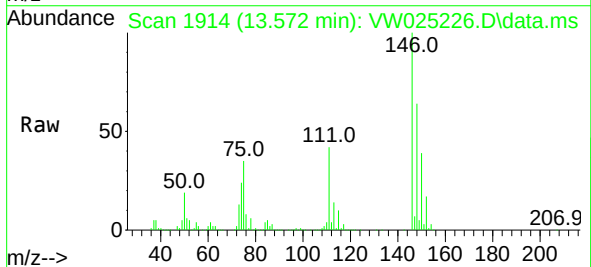
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

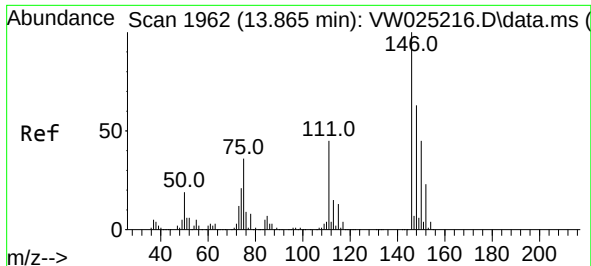
Tgt Ion:146 Resp: 250955
Ion Ratio Lower Upper
146 100
111 44.9 28.3 52.7
148 62.9 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 23.687 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:146 Resp: 254259
Ion Ratio Lower Upper
146 100
111 41.7 27.4 51.0
148 63.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 24.550 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

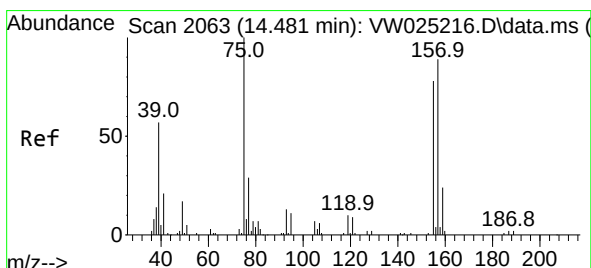
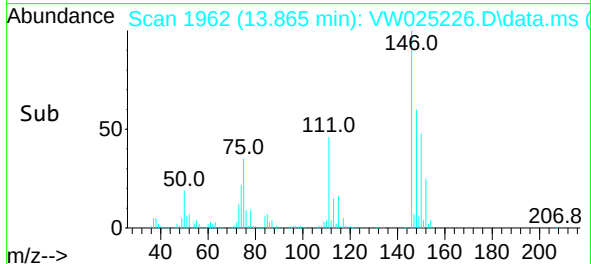
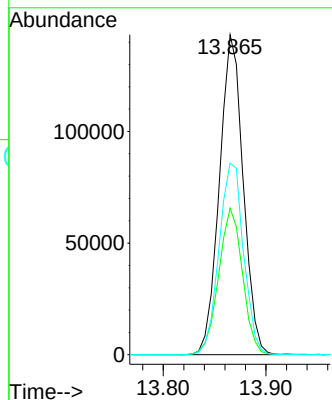
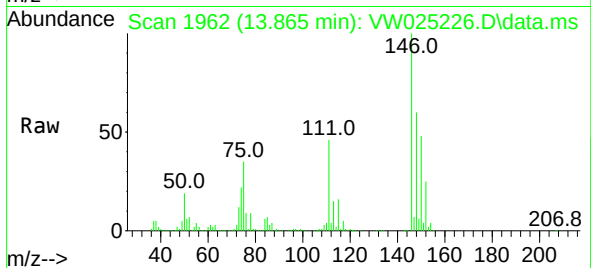
Tgt Ion:146 Resp: 229492

Ion Ratio Lower Upper

146 100

111 45.8 36.1 54.1

148 59.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.618 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

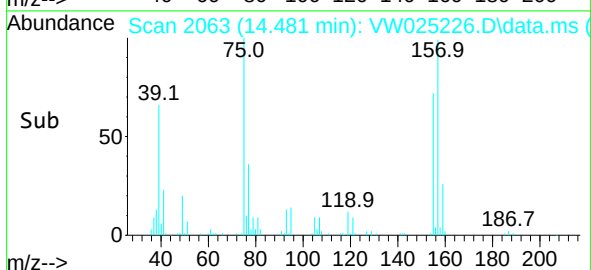
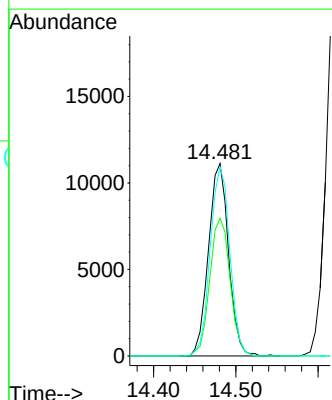
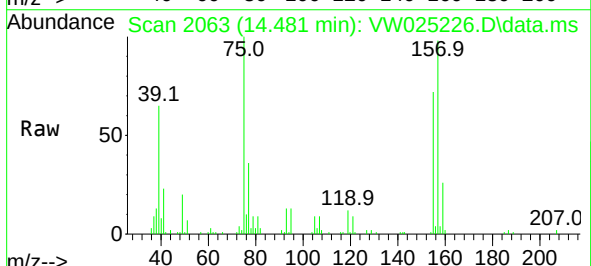
Tgt Ion: 75 Resp: 18826

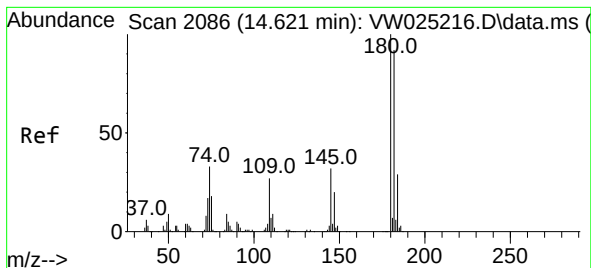
Ion Ratio Lower Upper

75 100

155 71.5 62.3 93.5

157 98.1 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 22.205 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025521

Tgt Ion:180 Resp: 171355

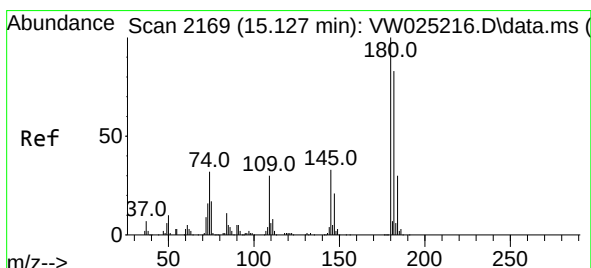
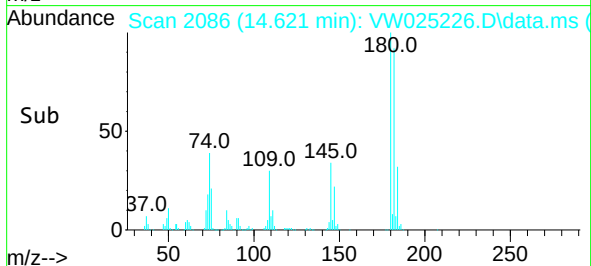
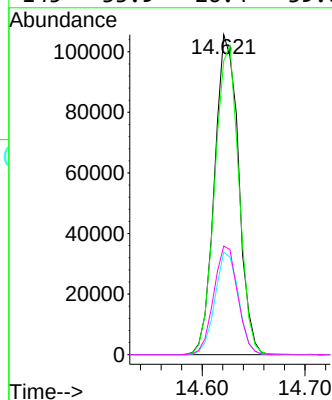
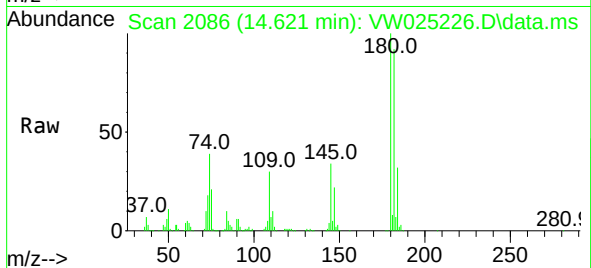
Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

184 31.3 23.3 34.9

145 33.9 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 22.231 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025226.D

Acq: 11 Jan 2023 15:18

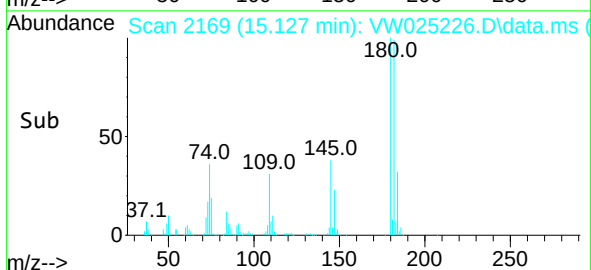
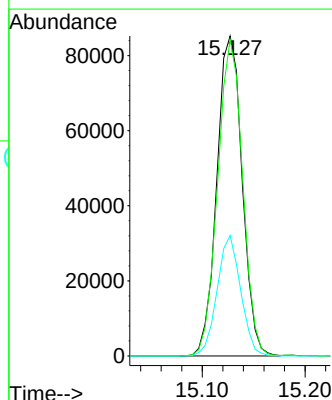
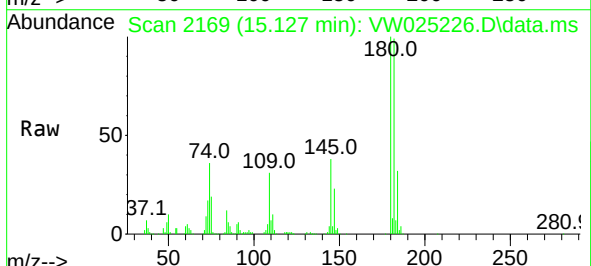
Tgt Ion:180 Resp: 145678

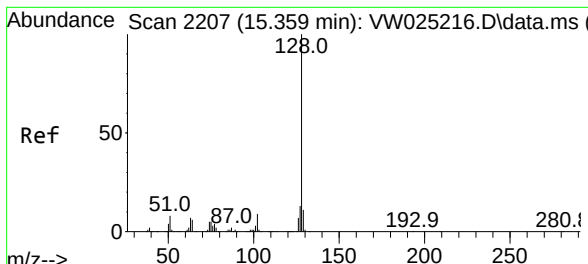
Ion Ratio Lower Upper

180 100

182 97.4 72.5 108.7

145 35.0 27.0 40.4

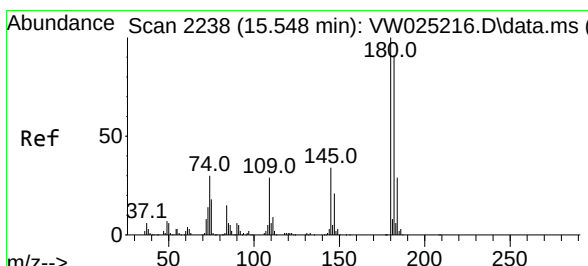
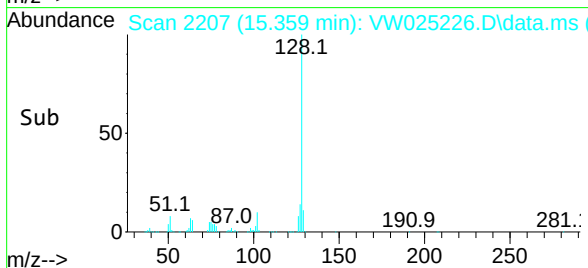
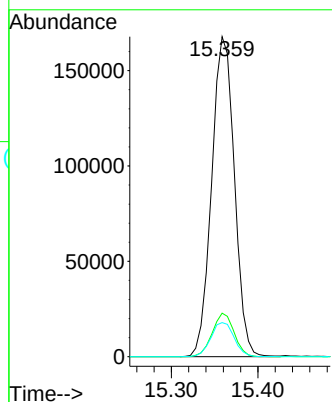
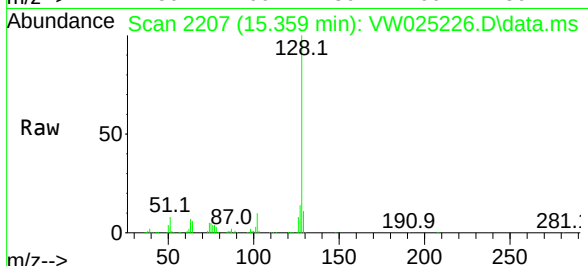




#71
Naphthalene
Concen: 23.849 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

Tgt Ion:128 Resp: 306287
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: 22.356 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW025226.D
Acq: 11 Jan 2023 15:18

Tgt Ion:180 Resp: 125662
Ion Ratio Lower Upper
180 100
182 97.3 76.5 114.7
145 36.0 28.6 42.8

