

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025786.D
 Acq On : 01 May 2023 18:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: May 02 01:43:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:41:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	611462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	561172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	271200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245036	28.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.120%	
7) Chloroethane-d5	2.899	69	184378	28.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.800%	
11) 1,1-Dichloroethene-d2	4.027	65	114665	26.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 105.720%	
21) 2-Butanone-d5	7.075	46	148359	51.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.580%	
24) Chloroform-d	7.648	84	479832	27.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.840%	
26) 1,2-Dichloroethane-d4	8.307	65	269892	27.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.280%	
32) Benzene-d6	8.276	84	991992	27.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.200%	
36) 1,2-Dichloropropane-d6	9.276	67	313537	26.725	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.880%	
41) Toluene-d8	10.324	98	887997	27.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.640%	
43) trans-1,3-Dichloroprop...	10.574	79	121616	25.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.280%	
47) 2-Hexanone-d5	10.922	63	105545	52.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233209	26.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.320%	
66) 1,2-Dichlorobenzene-d4	13.848	152	267187	27.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141709	20.744	ug/L	97
3) Chloromethane	2.222	50	264764	26.286	ug/L	100
5) Vinyl chloride	2.375	62	267672	25.675	ug/L	100
6) Bromomethane	2.789	94	144274	25.443	ug/L	97
8) Chloroethane	2.929	64	153114	25.828	ug/L	99
9) Trichlorofluoromethane	3.265	101	177684	22.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	199013	23.258	ug/L	93
12) 1,1-Dichloroethene	4.051	96	203995	24.945	ug/L	95
13) Acetone	4.118	43	102584	40.388	ug/L	97
14) Carbon disulfide	4.393	76	697179	25.210	ug/L	100
15) Methyl Acetate	4.667	43	124972	24.968	ug/L	99
16) Methylene chloride	4.923	84	268950	21.328	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	225382	25.263	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	344885	25.471	ug/L	100
19) 1,1-Dichloroethane	6.215	63	468142	25.541	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	244063	25.500	ug/L	99
22) 2-Butanone	7.173	43	163137	46.515	ug/L	99
23) Bromochloromethane	7.514	128	103418	25.506	ug/L	97
25) Chloroform	7.679	83	435034	25.824	ug/L	99

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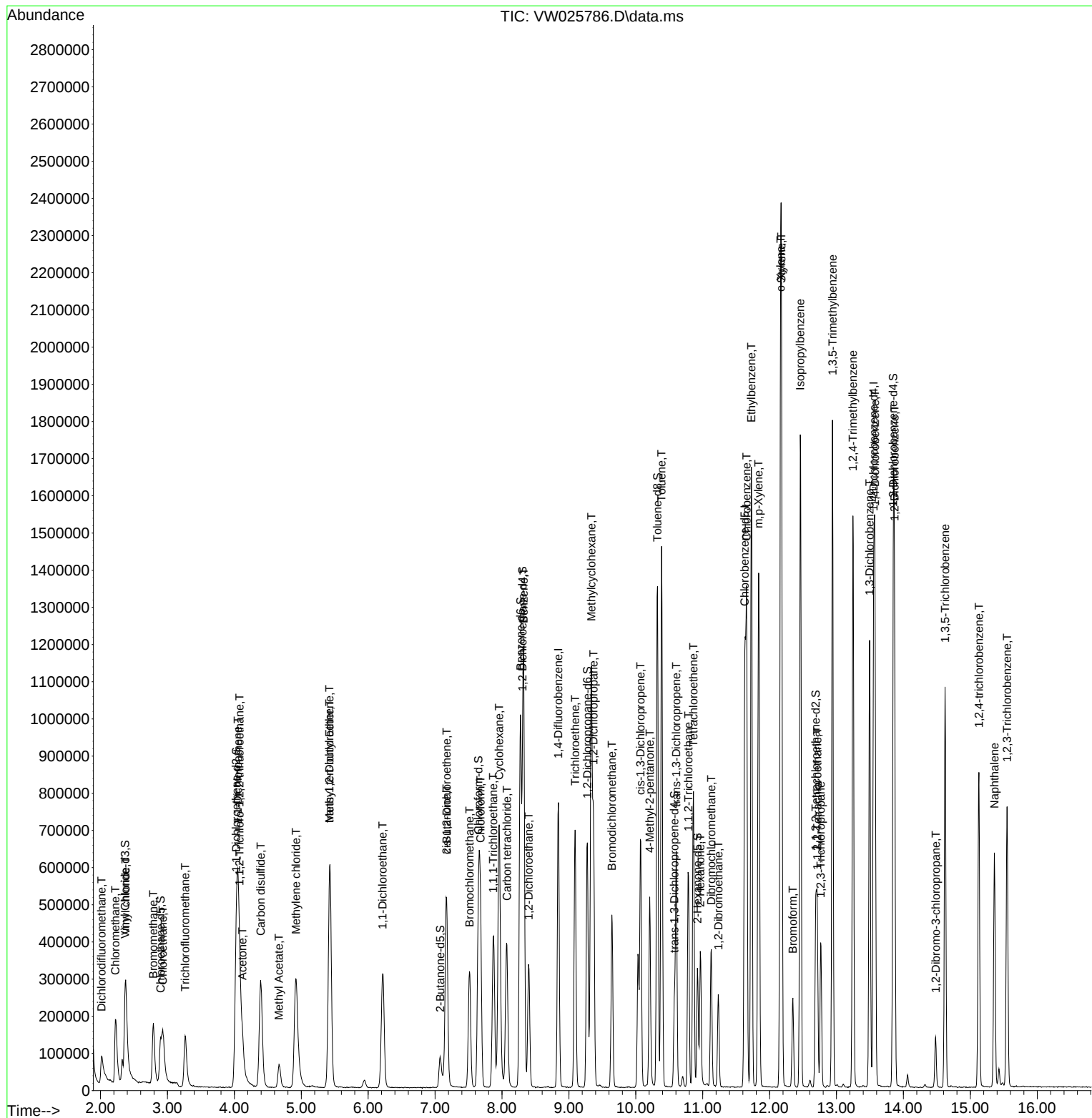
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303345	25.355	ug/L	98
29) Cyclohexane	7.959	56	425894	24.490	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	334350	24.362	ug/L	99
31) Carbon tetrachloride	8.075	117	295219	23.903	ug/L	99
33) Benzene	8.325	78	979413	25.227	ug/L	100
34) Trichloroethene	9.093	95	243039	24.395	ug/L	98
35) Methylcyclohexane	9.337	83	429460	24.237	ug/L	99
37) 1,2-Dichloropropane	9.367	63	266031	25.010	ug/L	100
38) Bromodichloromethane	9.642	83	305017	24.994	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	388276	24.891	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	349670	50.503	ug/L	99
42) Toluene	10.385	91	1004460	25.320	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320011	24.758	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	179678	25.252	ug/L	98
46) Tetrachloroethene	10.861	164	168300	24.012	ug/L	93
48) 2-Hexanone	10.965	43	246202	49.637	ug/L	99
49) Dibromochloromethane	11.129	129	184139	24.997	ug/L	97
50) 1,2-Dibromoethane	11.233	107	166941	25.450	ug/L	97
51) Chlorobenzene	11.653	112	631379	25.691	ug/L	97
52) Ethylbenzene	11.727	91	1121619	25.135	ug/L	97
53) m,p-Xylene	11.836	106	423378	25.778	ug/L	93
54) o-Xylene	12.166	106	394369	25.475	ug/L	96
55) Styrene	12.178	104	692500	26.136	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	222752	25.089	ug/L	96
59) Bromoform	12.349	173	103804	25.841	ug/L	98
60) Isopropylbenzene	12.458	105	1091601	26.480	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163338	25.484	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	896707	27.463	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807677	26.806	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453178	25.537	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	465924	25.987	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	414403	26.184	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	35069	23.596	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	295277	25.067	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	255120	25.852	ug/L	99
71) Naphthalene	15.360	128	500411	26.866	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229068	26.160	ug/L	98

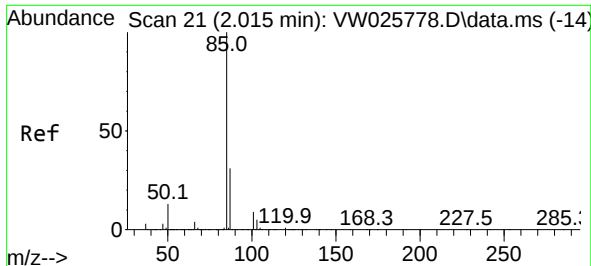
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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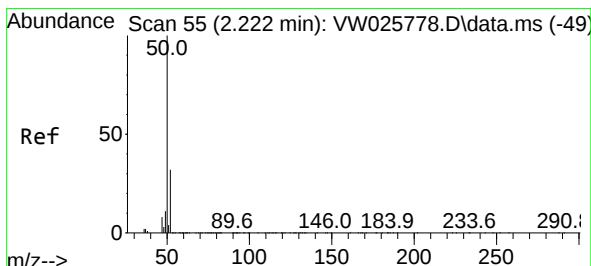
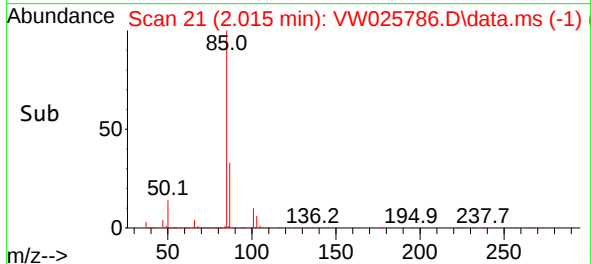
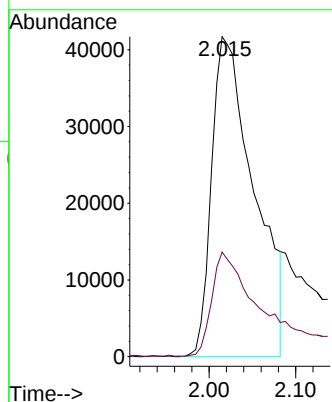
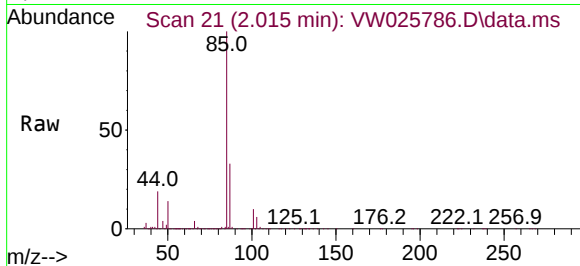




#2
 Dichlorodifluoromethane
 Concen: 20.744 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

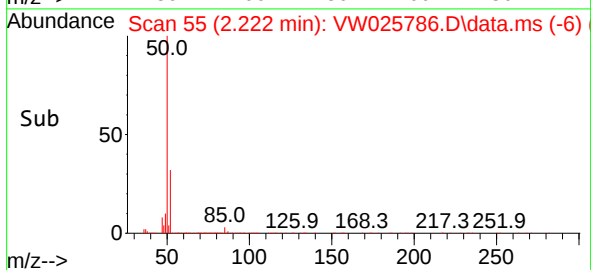
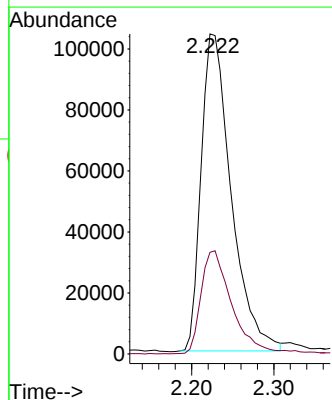
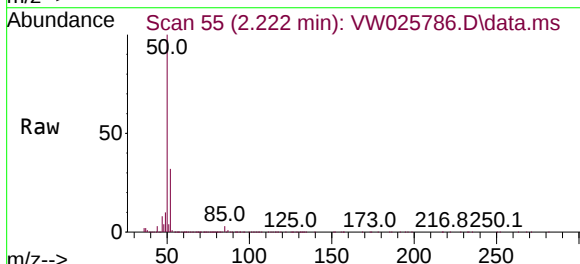
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 ClientSampleId :
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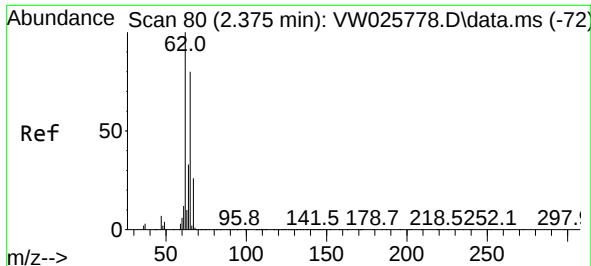
Tgt Ion: 85 Resp: 141709
 Ion Ratio Lower Upper
 85 100
 87 29.3 24.7 37.1



#3
 Chloromethane
 Concen: 26.286 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

Tgt Ion: 50 Resp: 264764
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.1 41.1

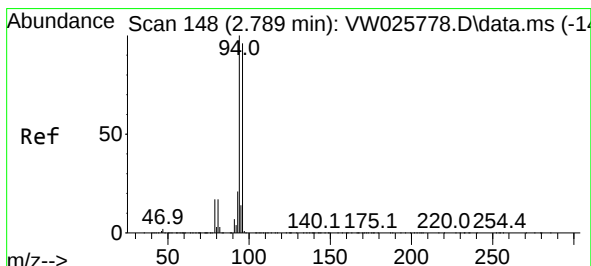
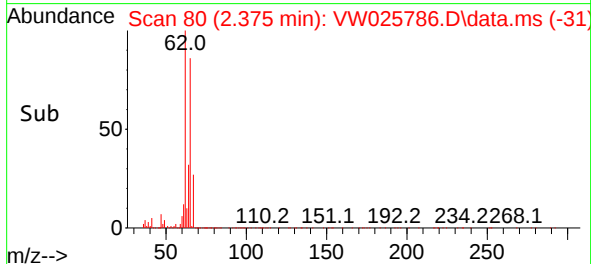
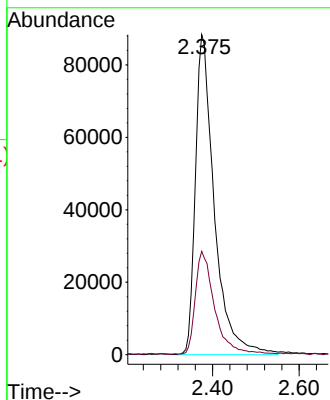
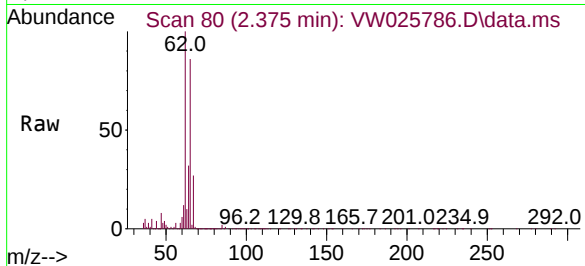




#5
 Vinyl chloride
 Concen: 25.675 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

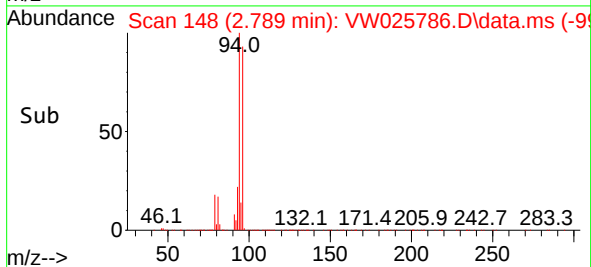
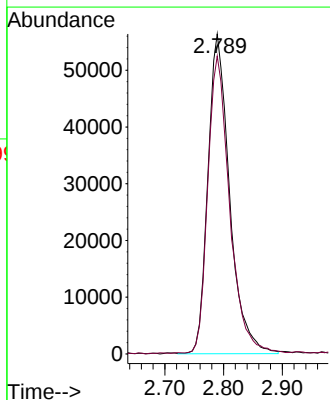
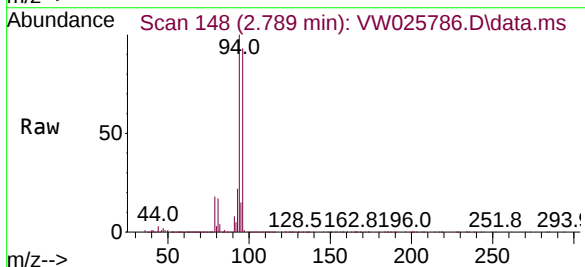
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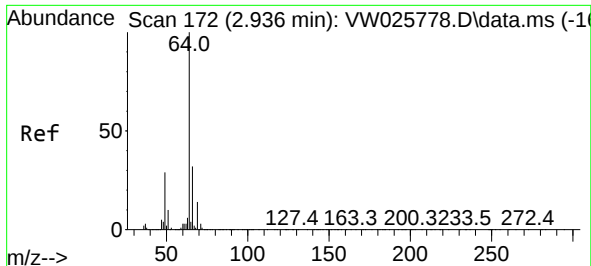
Tgt Ion: 62 Resp: 267672
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.3



#6
 Bromomethane
 Concen: 25.443 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

Tgt Ion: 94 Resp: 144274
 Ion Ratio Lower Upper
 94 100
 96 93.1 63.1 117.1

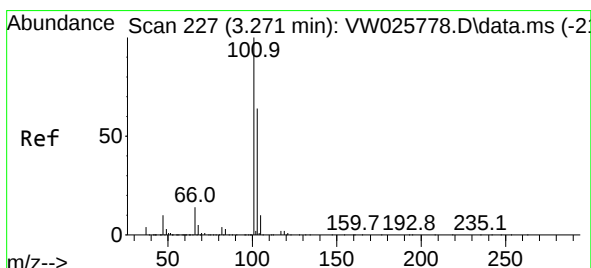
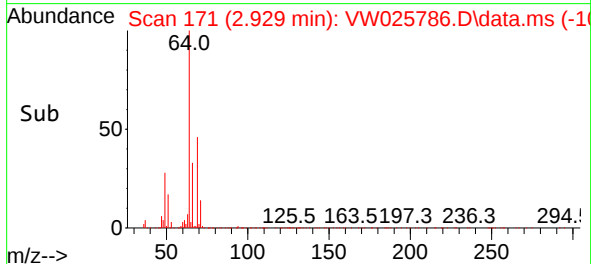
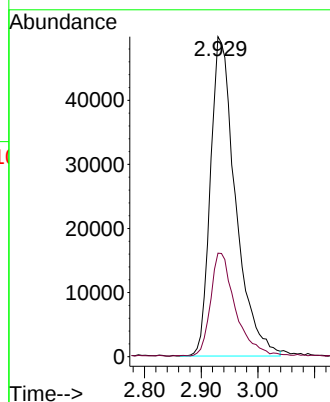
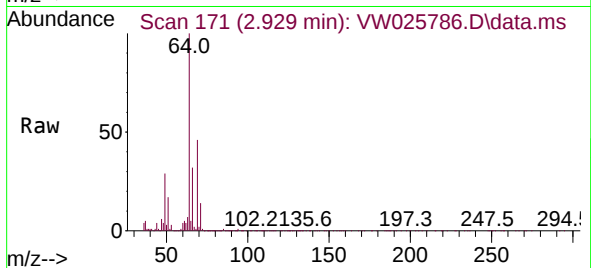




#8
Chloroethane
Concen: 25.828 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

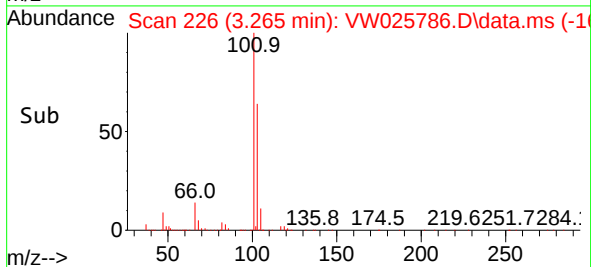
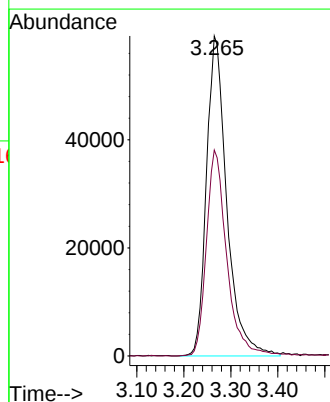
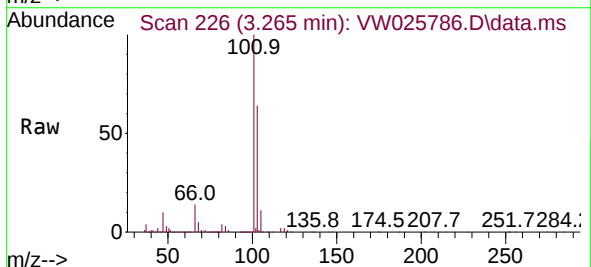
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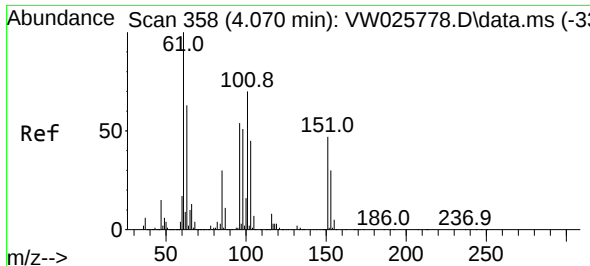
Tgt Ion: 64 Resp: 153114
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.583 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 101 Resp: 177684
Ion Ratio Lower Upper
101 100
103 64.1 50.6 76.0

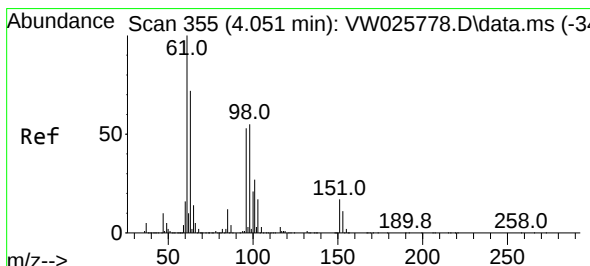
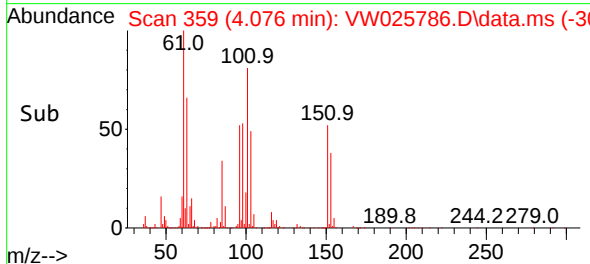
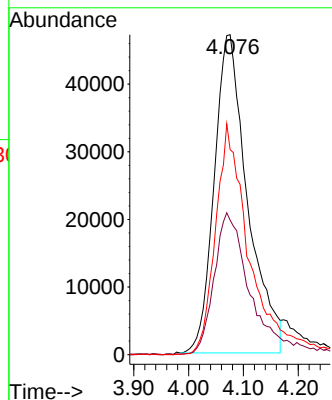
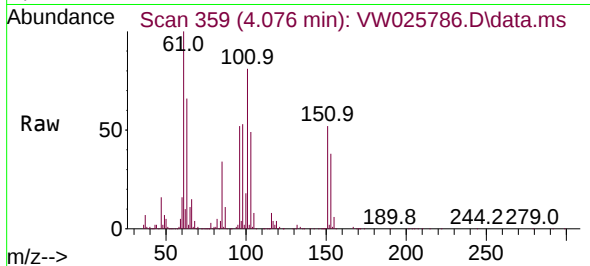




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.258 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

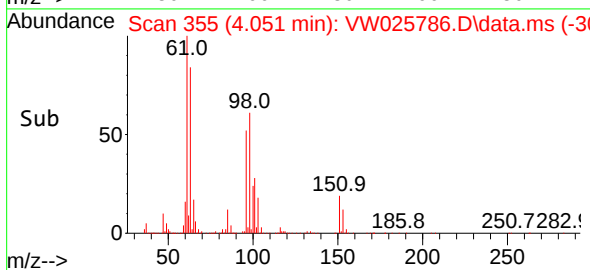
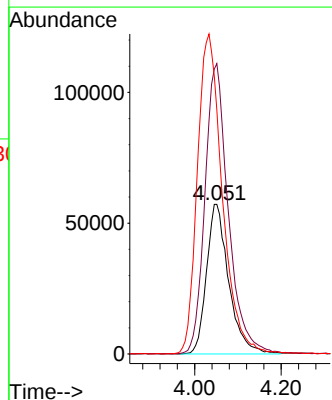
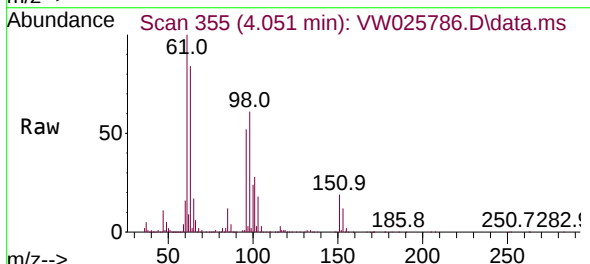
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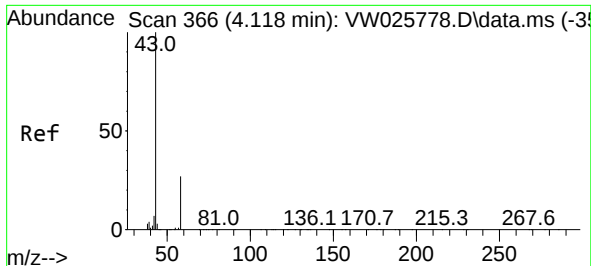
Tgt Ion:101 Resp: 199013
Ion Ratio Lower Upper
101 100
85 46.5 33.9 50.9
151 73.3 54.2 81.2



#12
1,1-Dichloroethene
Concen: 24.945 ug/L
RT: 4.051 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW025786.D
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Tgt Ion: 96 Resp: 203995
Ion Ratio Lower Upper
96 100
61 194.1 135.0 250.8
63 163.1 104.9 194.7

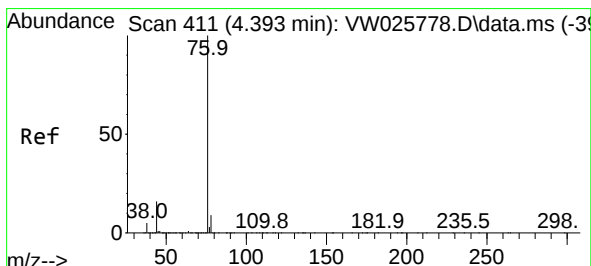
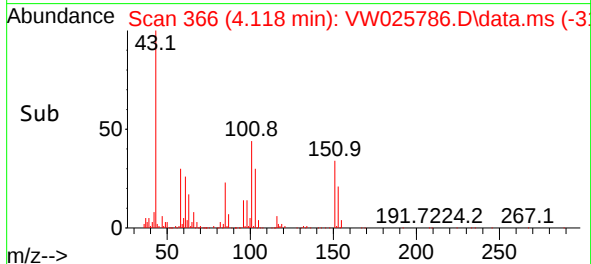
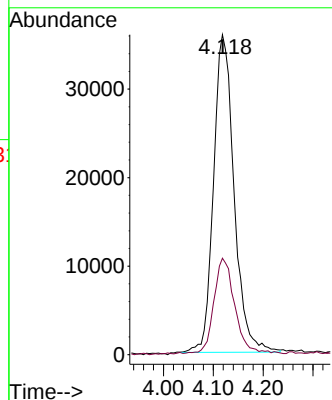
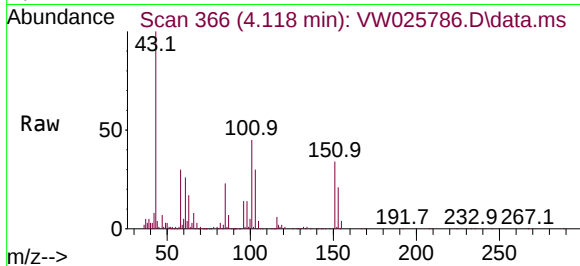




#13
Acetone
Concen: 40.388 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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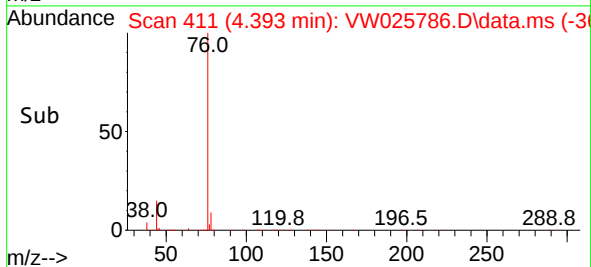
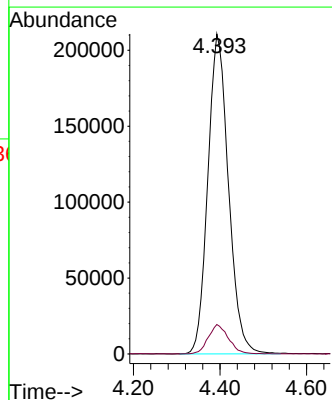
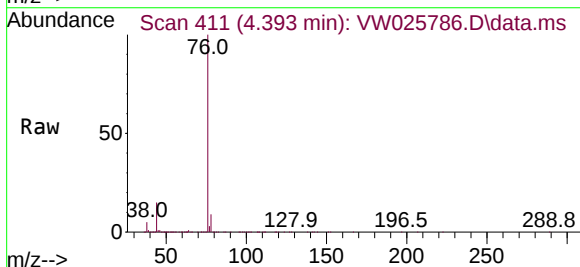
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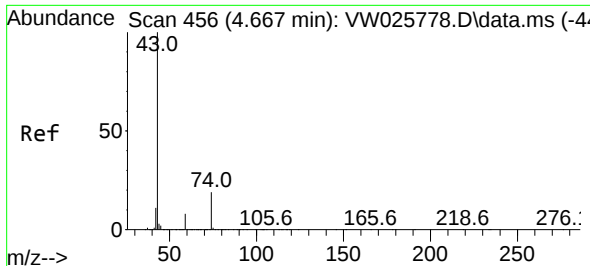
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Ion Ratio Lower Upper
43 100
58 30.5 0.0 58.2



#14
Carbon disulfide
Concen: 25.210 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 697179
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

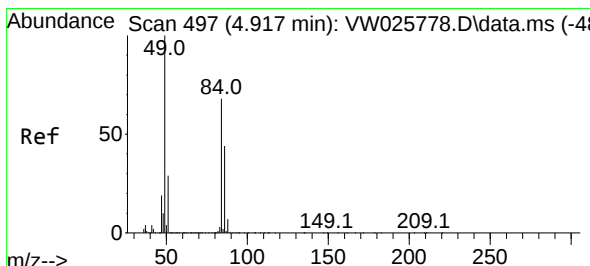
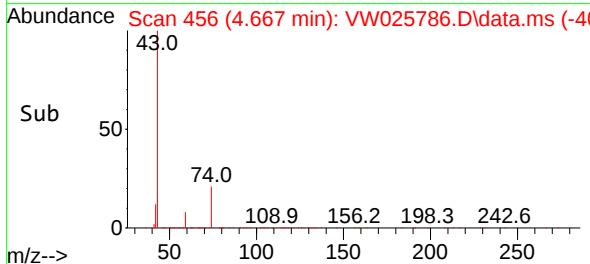
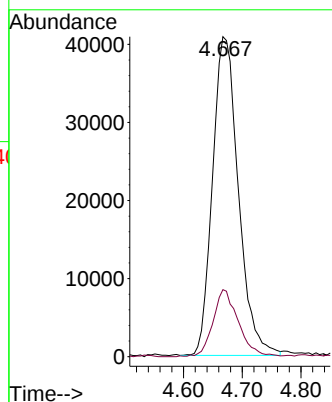
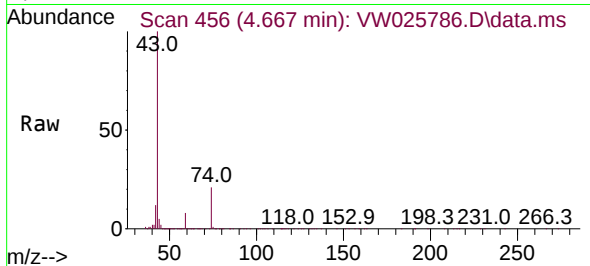




#15
Methyl Acetate
Concen: 24.968 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

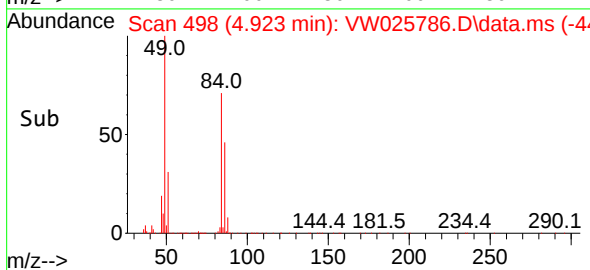
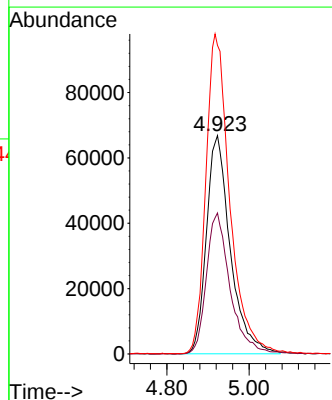
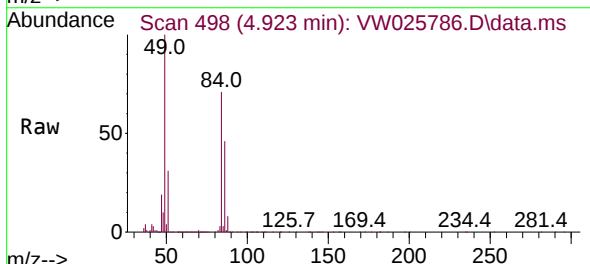
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

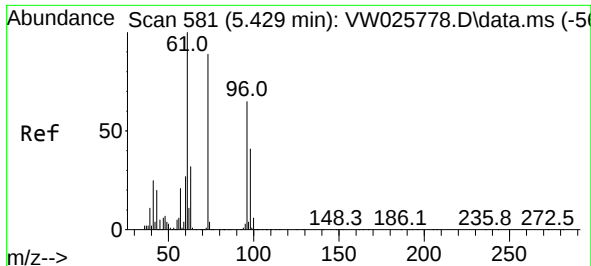
Tgt Ion: 43 Resp: 124972
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7



#16
Methylene chloride
Concen: 21.328 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 84 Resp: 268950
Ion Ratio Lower Upper
84 100
86 64.6 41.7 77.5
49 141.3 95.3 177.1

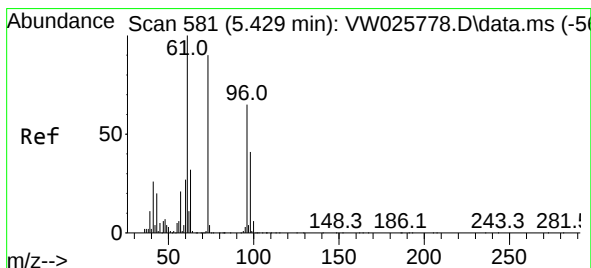
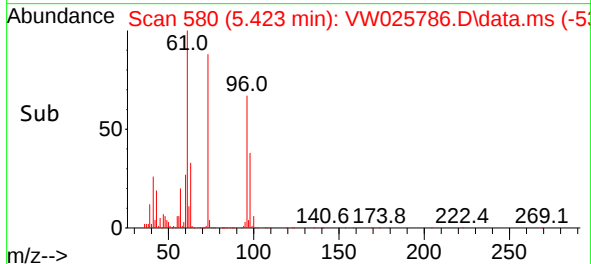
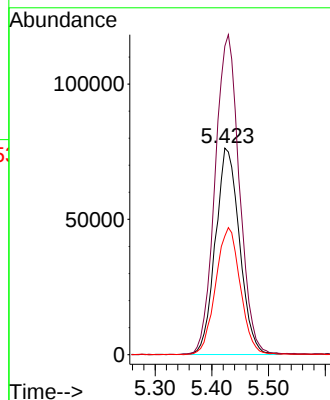
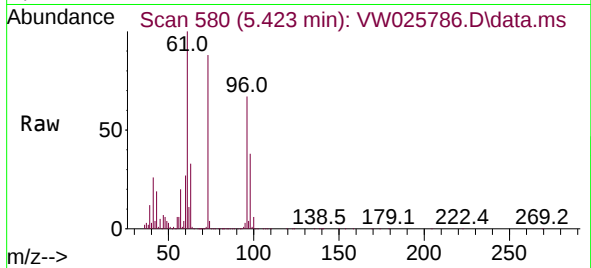




#17
trans-1,2-Dichloroethene
Concen: 25.263 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

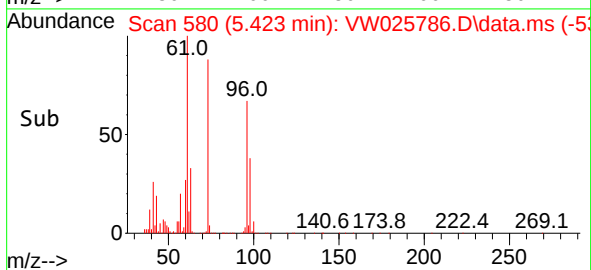
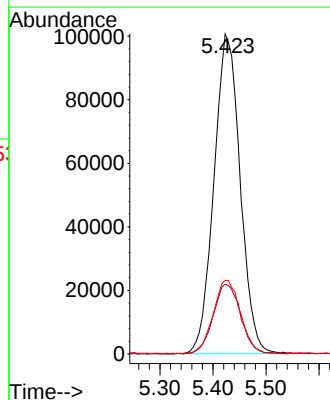
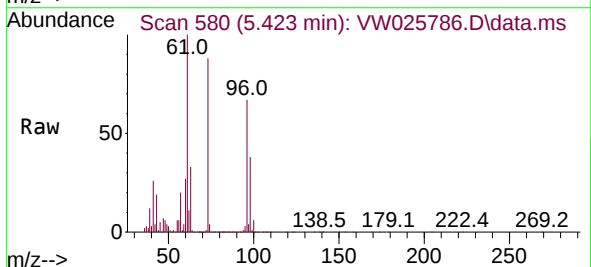
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

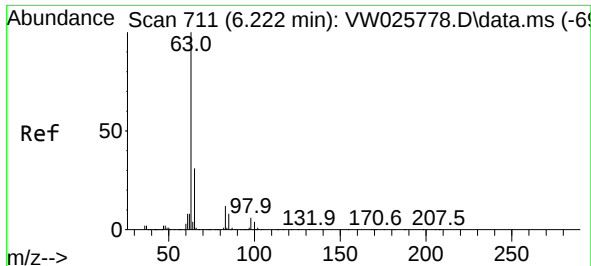
Tgt Ion: 96 Resp: 225382
Ion Ratio Lower Upper
96 100
61 149.4 108.1 200.9
98 57.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.471 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 73 Resp: 344885
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.4
57 24.1 19.2 28.8





#19

1,1-Dichloroethane

Concen: 25.541 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

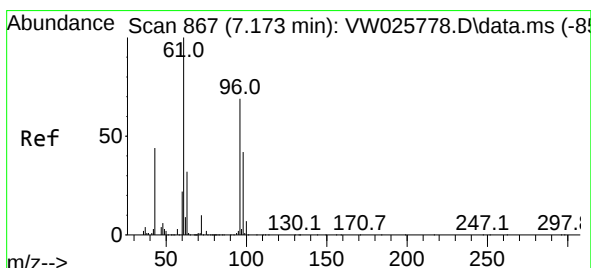
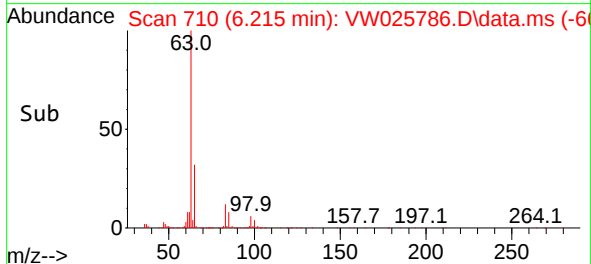
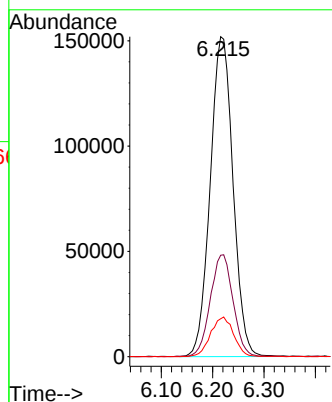
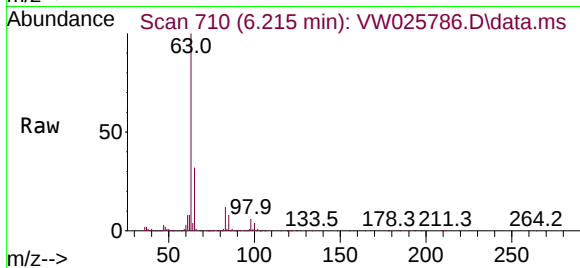
Tgt Ion: 63 Resp: 468142

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 11.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.500 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

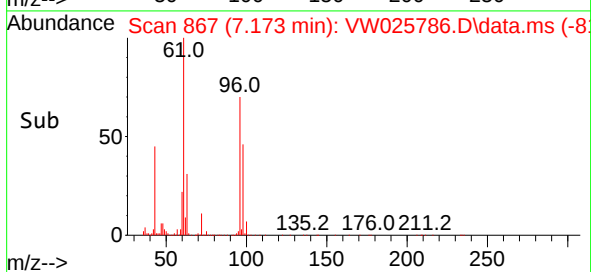
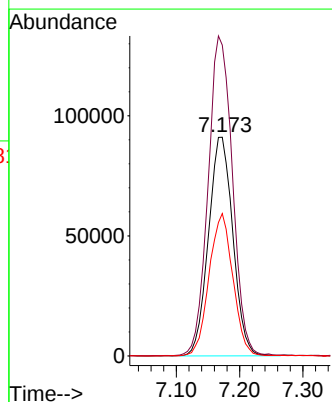
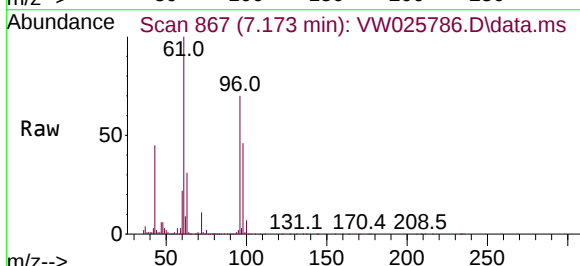
Tgt Ion: 96 Resp: 244063

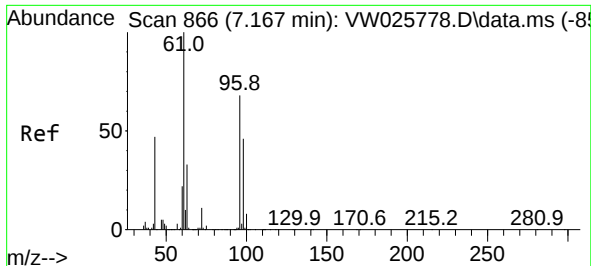
Ion Ratio Lower Upper

96 100

61 142.2 98.6 183.0

98 65.1 45.2 84.0

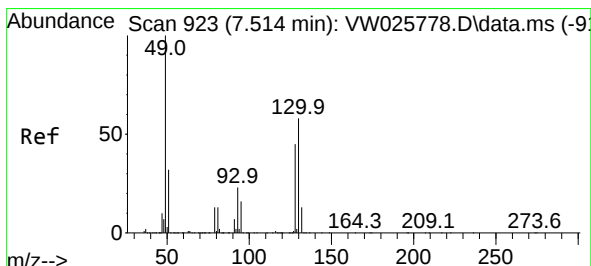
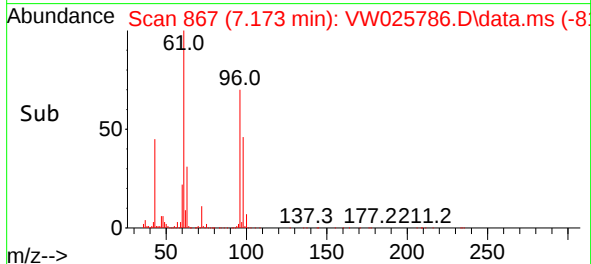
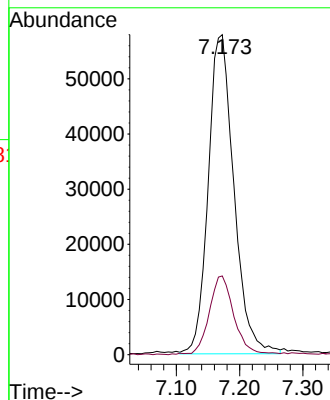
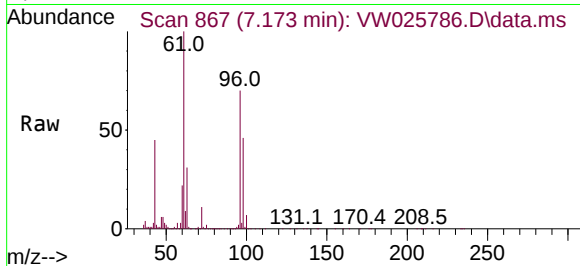




#22
2-Butanone
Concen: 46.515 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

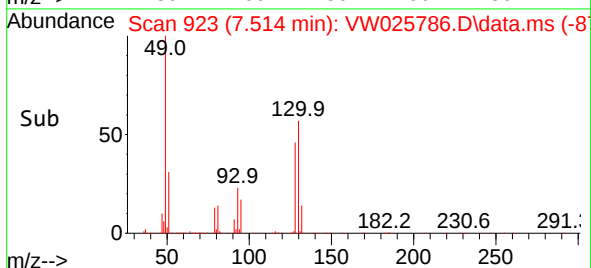
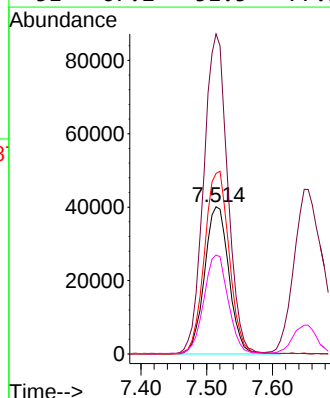
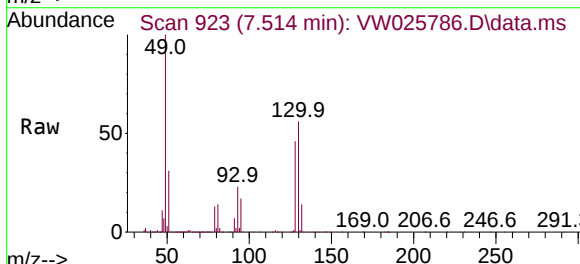
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

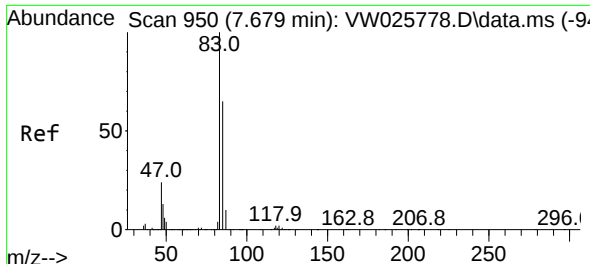
Tgt Ion: 43 Resp: 163137
Ion Ratio Lower Upper
43 100
72 23.1 11.8 35.4



#23
Bromochloromethane
Concen: 25.506 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 128 Resp: 103418
Ion Ratio Lower Upper
128 100
49 217.5 151.5 281.5
130 122.6 91.3 169.6
51 67.2 51.5 77.3

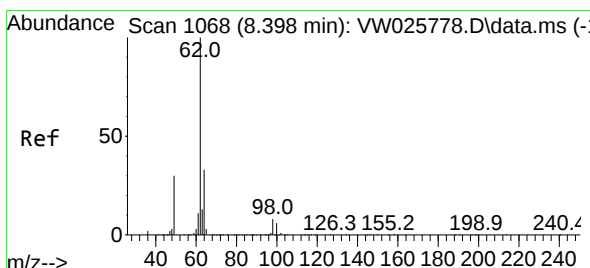
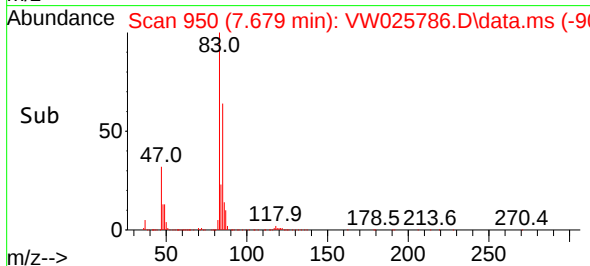
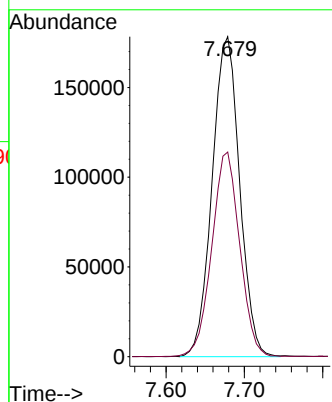
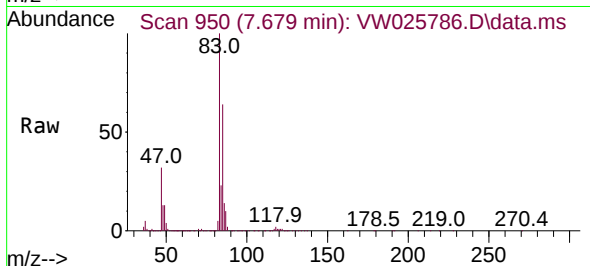




#25
Chloroform
Concen: 25.824 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

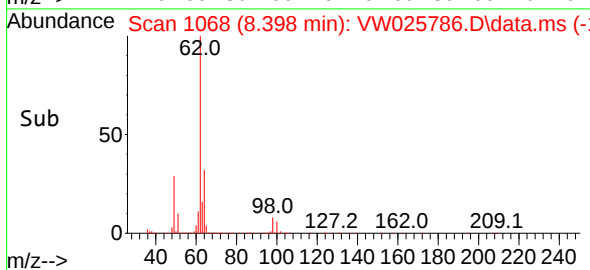
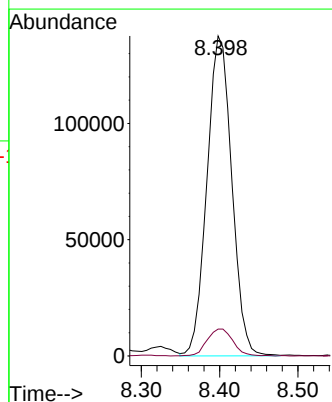
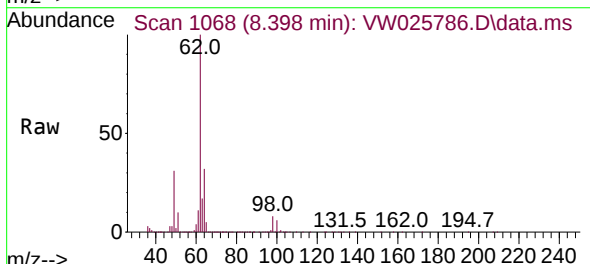
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

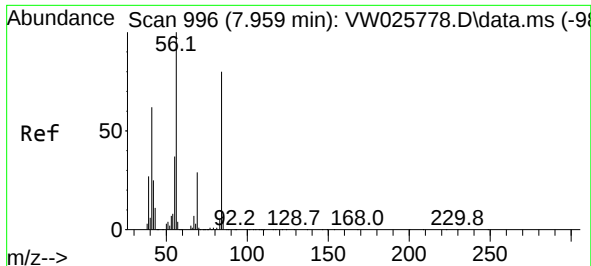
Tgt Ion: 83 Resp: 435034
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.355 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 62 Resp: 303345
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 24.490 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

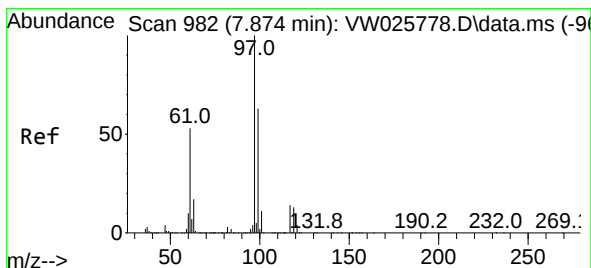
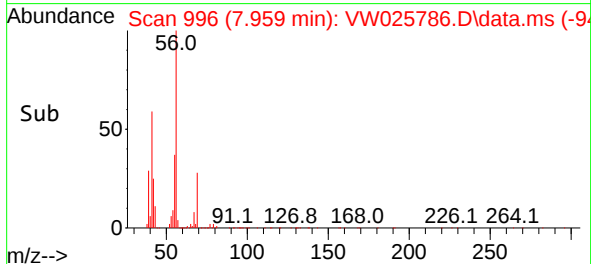
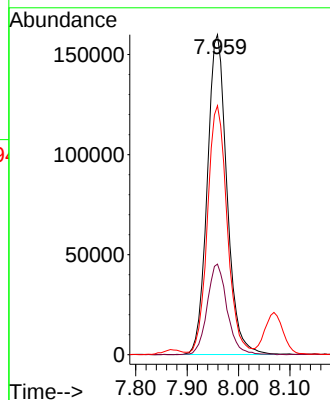
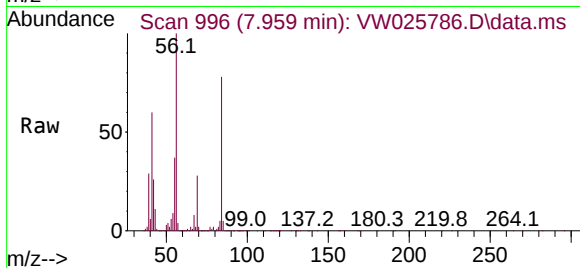
Tgt Ion: 56 Resp: 425894

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 78.0 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 24.362 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

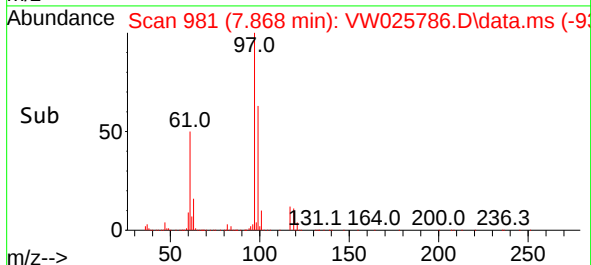
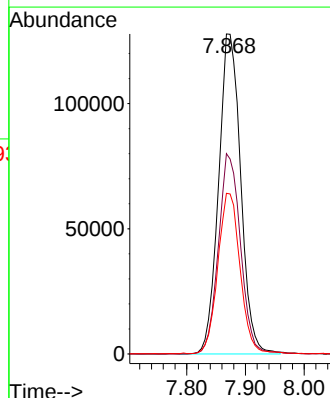
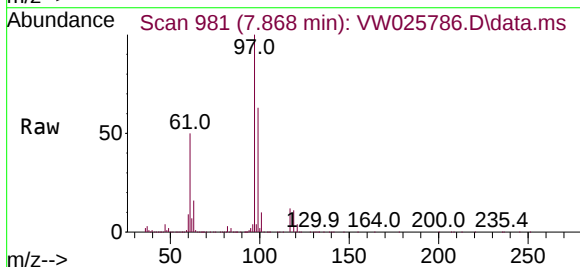
Tgt Ion: 97 Resp: 334350

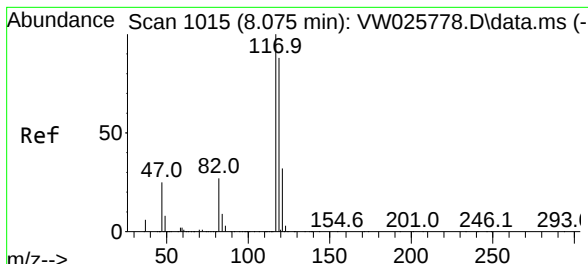
Ion Ratio Lower Upper

97 100

99 62.3 51.1 76.7

61 50.7 40.4 60.6



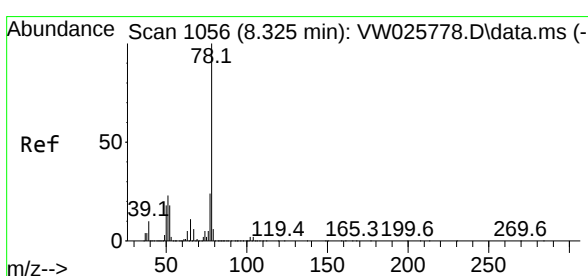
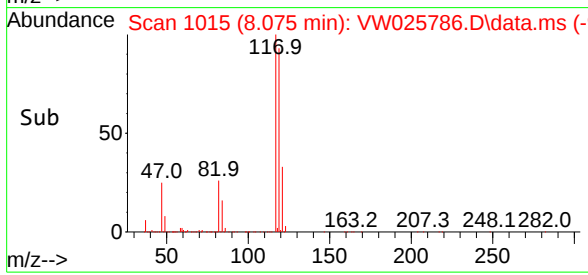
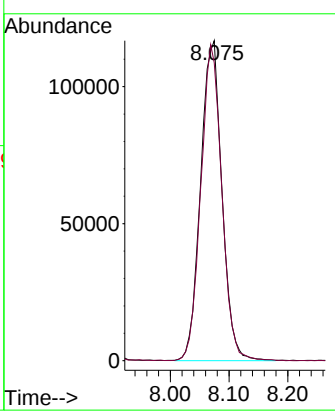
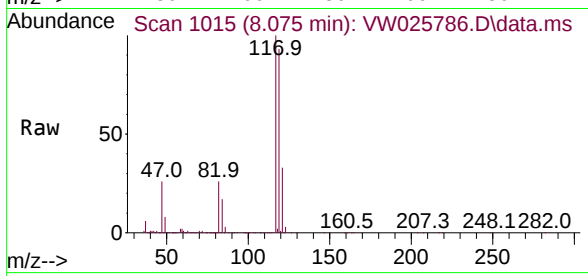


#31
Carbon tetrachloride
Concen: 23.903 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Instrument : MSVOA_W
ClientSampleId : VSTD025589

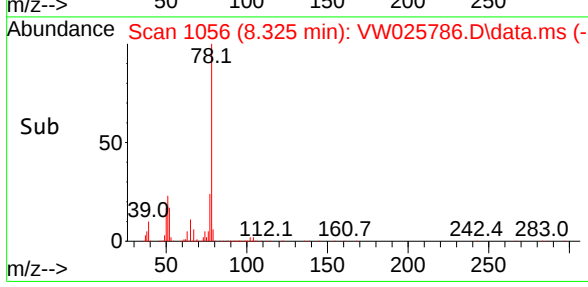
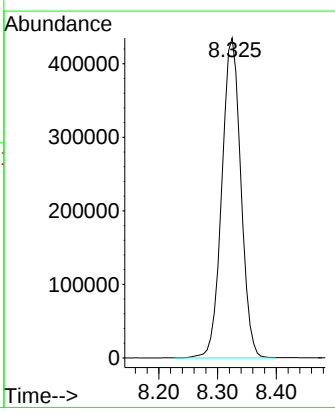
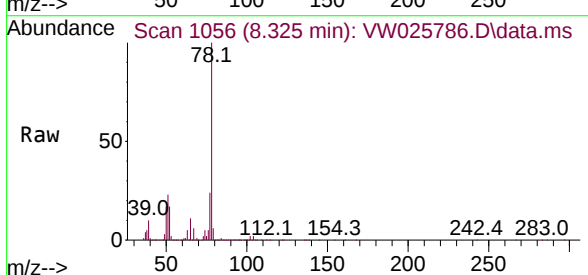
Tgt Ion: 117 Resp: 295219

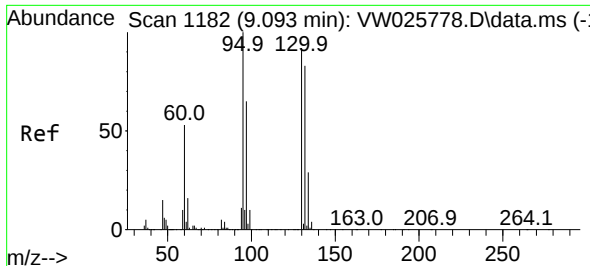
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3



#33
Benzene
Concen: 25.227 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 78 Resp: 979413





#34

Trichloroethene

Concen: 24.395 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

Tgt Ion: 95 Resp: 243039

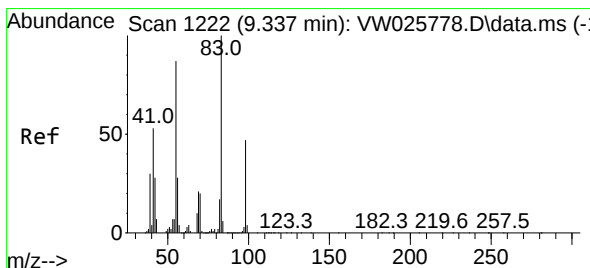
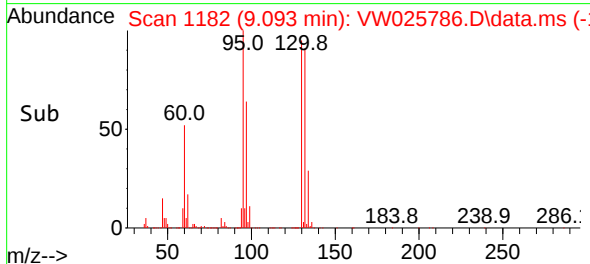
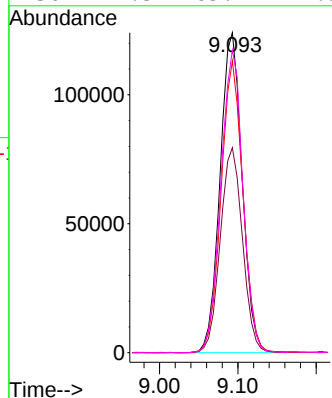
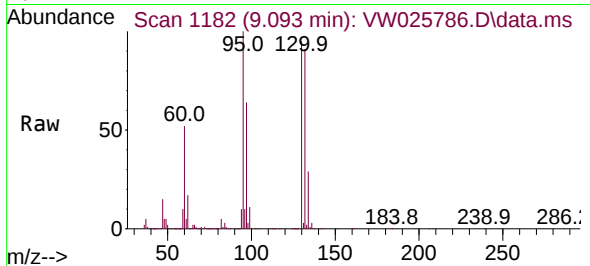
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 91.2 66.0 122.6

130 94.5 65.9 122.3



#35

Methylcyclohexane

Concen: 24.237 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

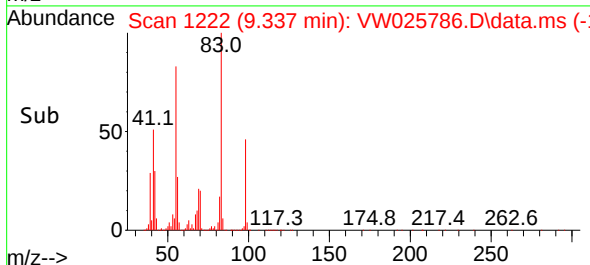
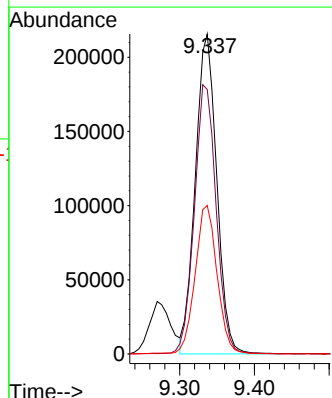
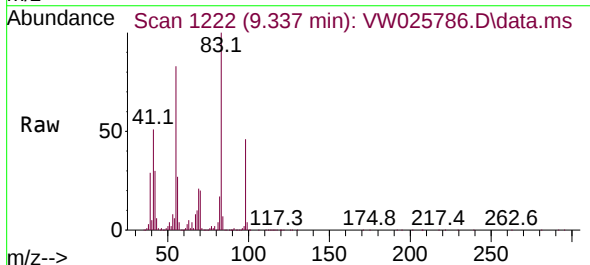
Tgt Ion: 83 Resp: 429460

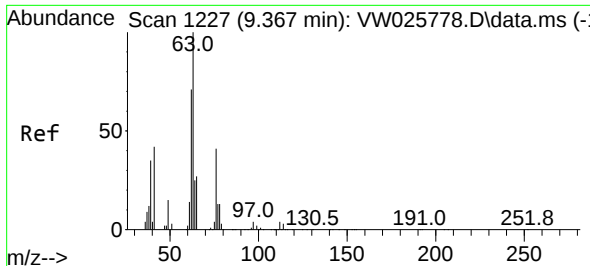
Ion Ratio Lower Upper

83 100

55 85.9 69.0 103.4

98 47.6 37.1 55.7

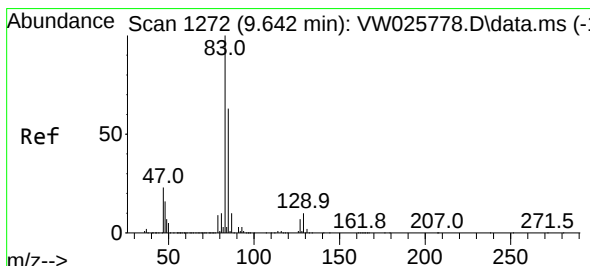
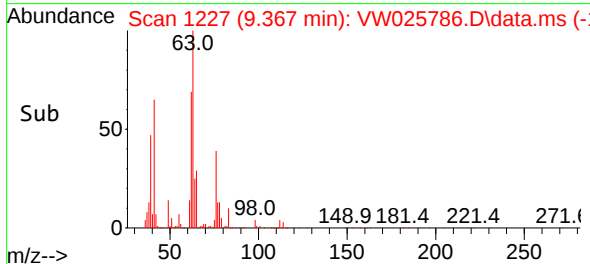
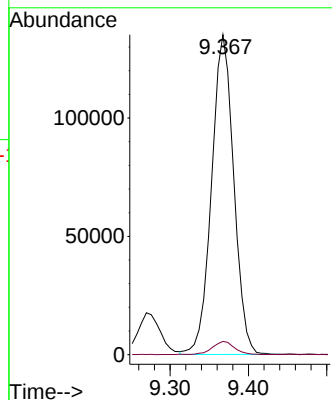
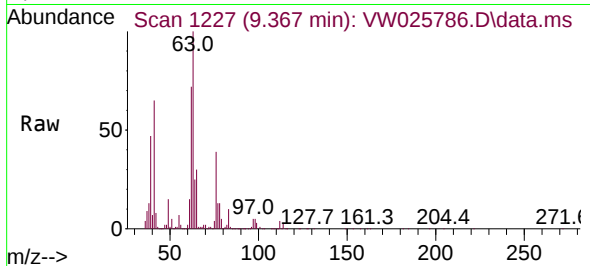




#37
1,2-Dichloropropane
Concen: 25.010 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

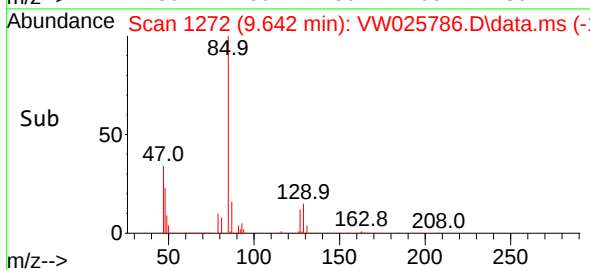
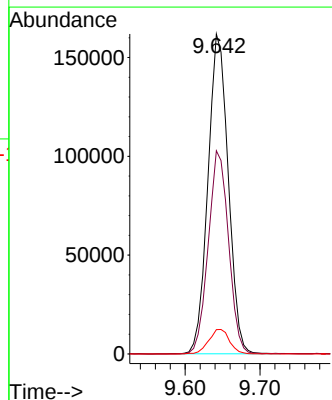
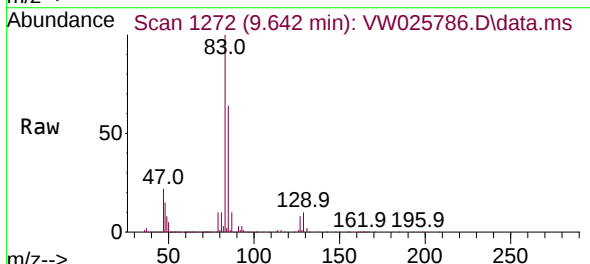
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

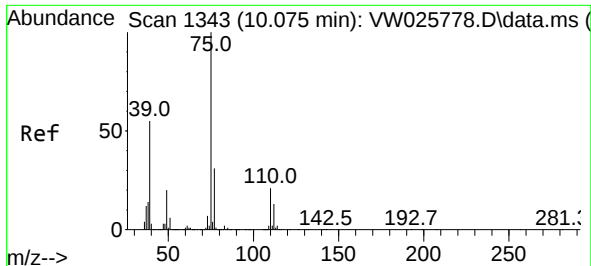
Tgt Ion: 63 Resp: 266031
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 24.994 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 83 Resp: 305017
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
127 7.6 6.5 9.7

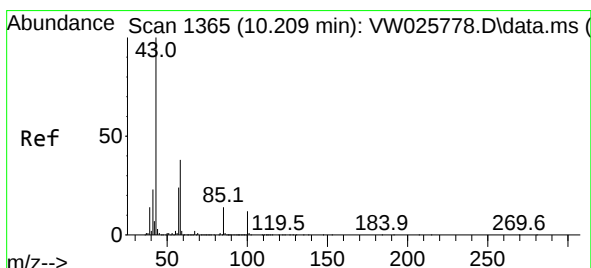
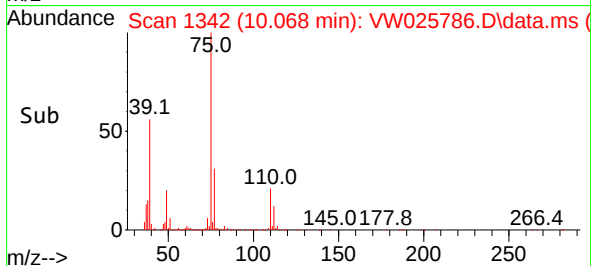
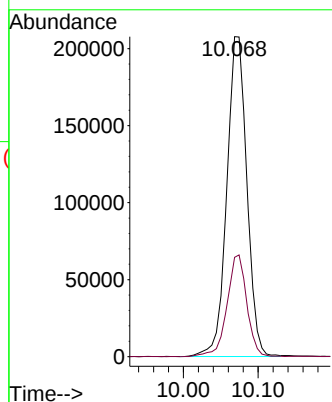
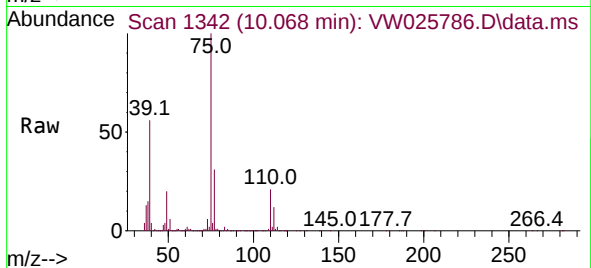




#39
 cis-1,3-Dichloropropene
 Concen: 24.891 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

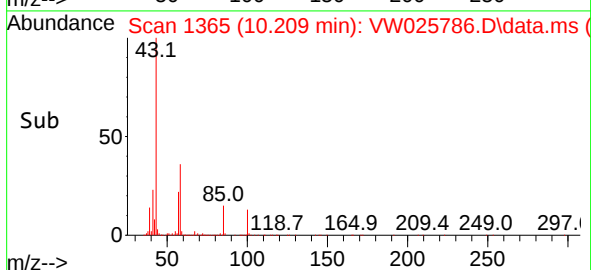
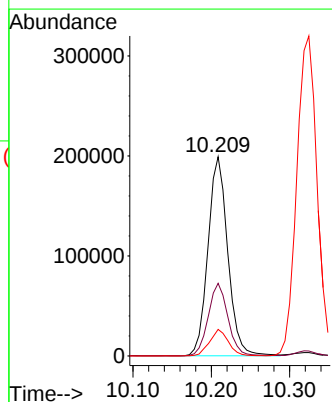
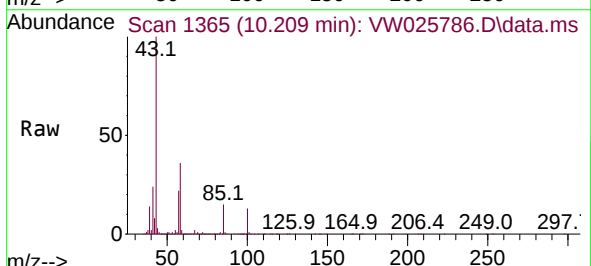
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

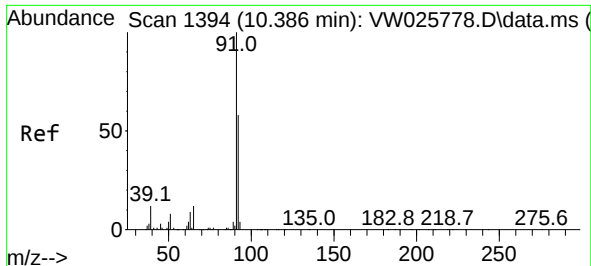
Tgt Ion: 75 Resp: 388276
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 50.503 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025786.D
 Acq: 01 May 2023 18:29

Tgt Ion: 43 Resp: 349670
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.4 44.0
 100 12.8 10.1 15.1

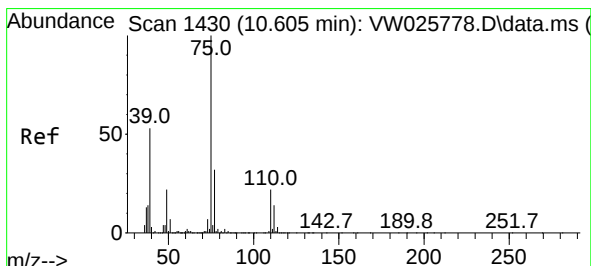
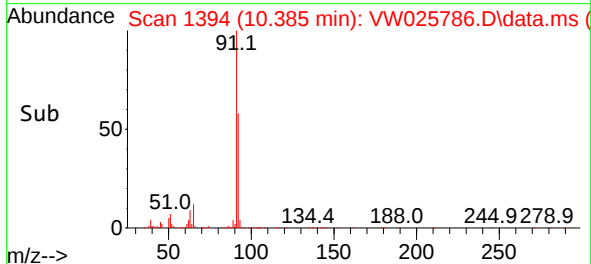
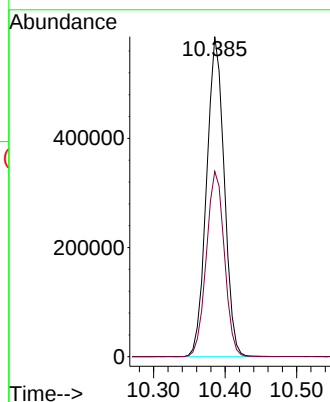
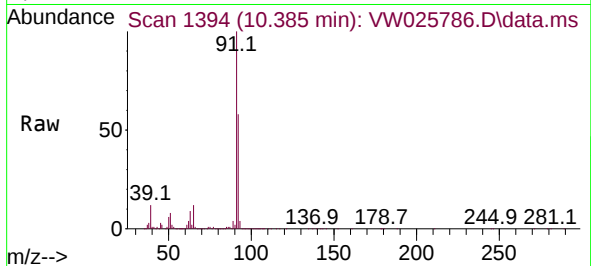




#42
Toluene
Concen: 25.320 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

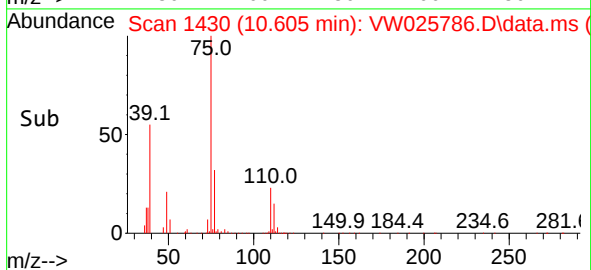
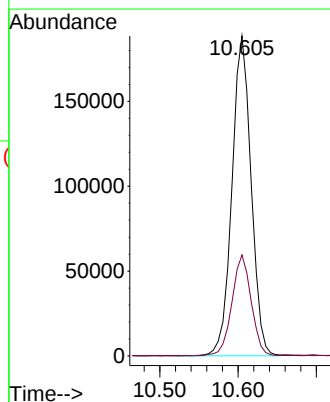
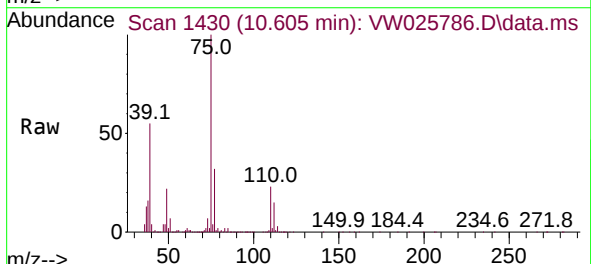
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

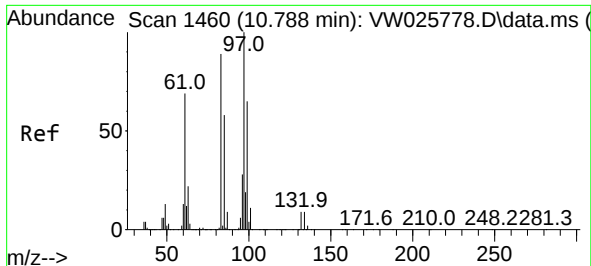
Tgt Ion: 91 Resp: 1004460
Ion Ratio Lower Upper
91 100
92 57.9 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 24.758 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 75 Resp: 320011
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4

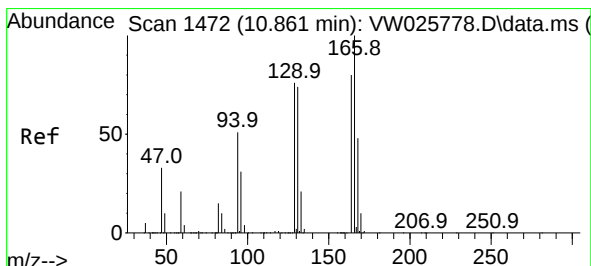
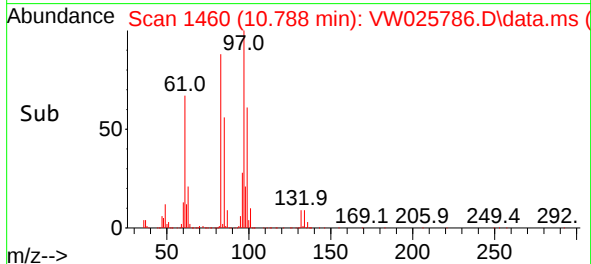
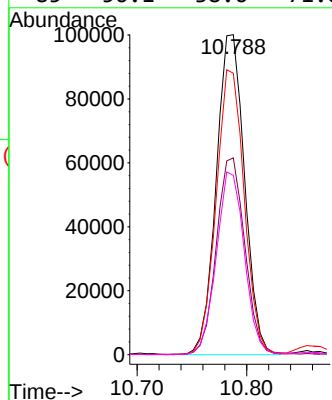
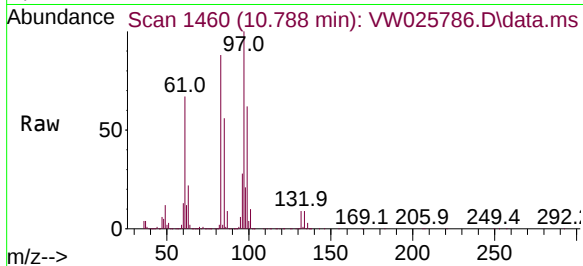




#45
1,1,2-Trichloroethane
Concen: 25.252 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

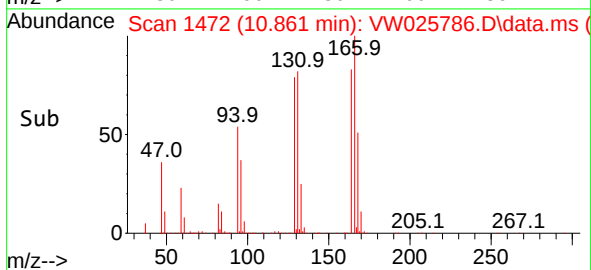
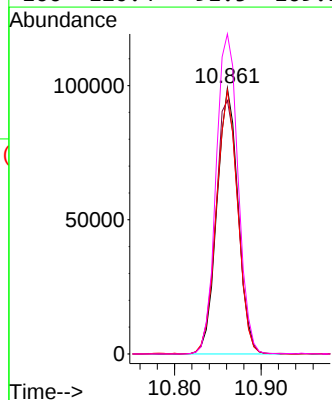
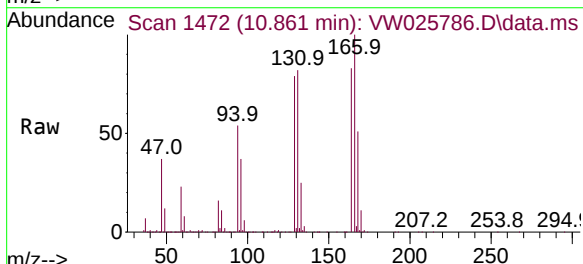
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

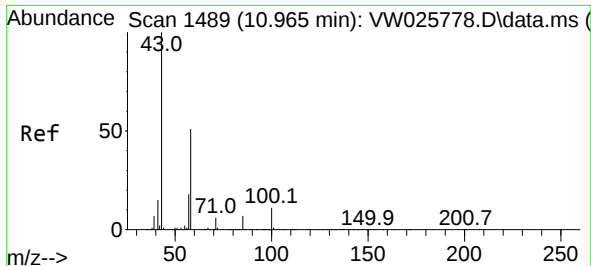
Tgt Ion:	97	Resp:	179678
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.5	82.7
83	88.0	63.0	117.0
85	56.1	38.6	71.8



#46
Tetrachloroethene
Concen: 24.012 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion:	164	Resp:	168300
Ion	Ratio	Lower	Upper
164	100		
129	95.3	74.3	138.1
131	99.2	71.3	132.3
166	120.4	91.5	169.9

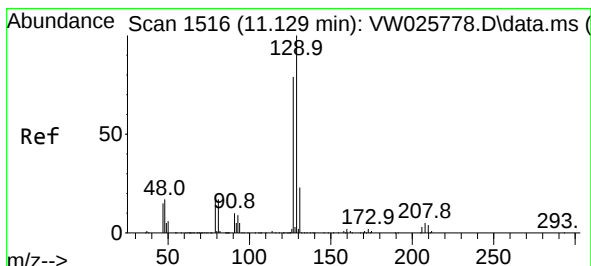
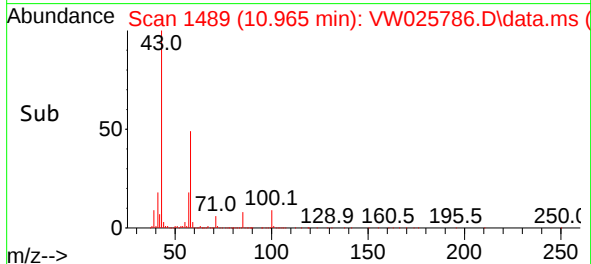
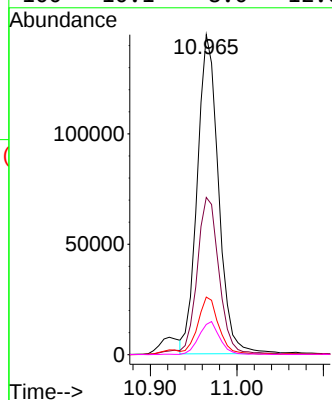
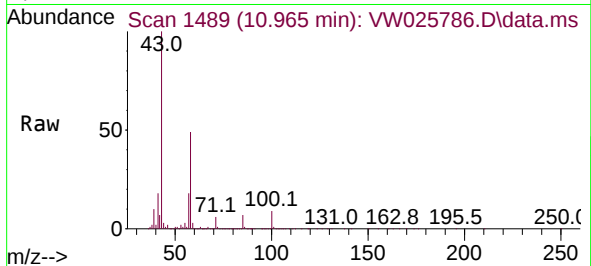




#48
2-Hexanone
Concen: 49.637 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

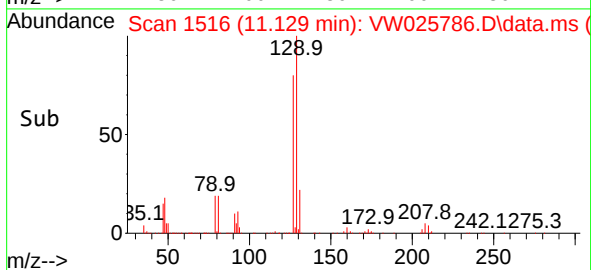
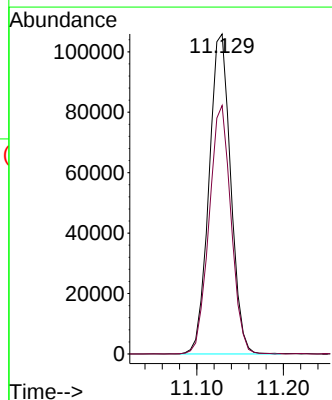
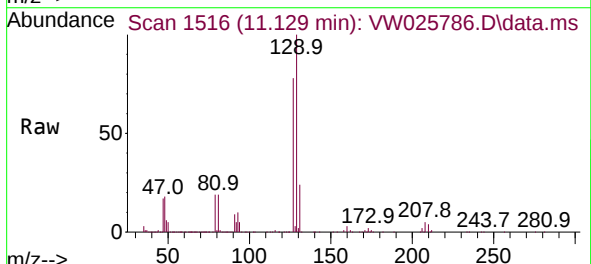
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

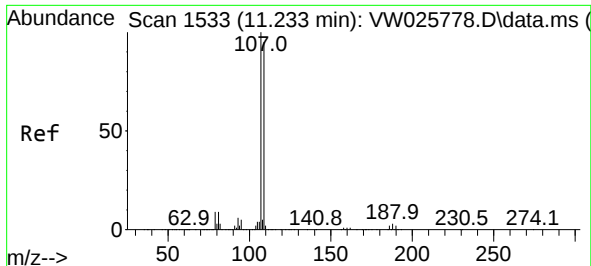
Tgt Ion: 43 Resp: 246202
Ion Ratio Lower Upper
43 100
58 50.4 40.8 61.2
57 17.7 13.6 20.4
100 10.1 8.0 12.0



#49
Dibromochloromethane
Concen: 24.997 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 129 Resp: 184139
Ion Ratio Lower Upper
129 100
127 77.7 56.1 104.3





#50

1,2-Dibromoethane

Concen: 25.450 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

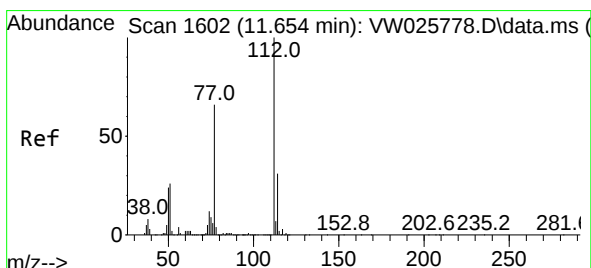
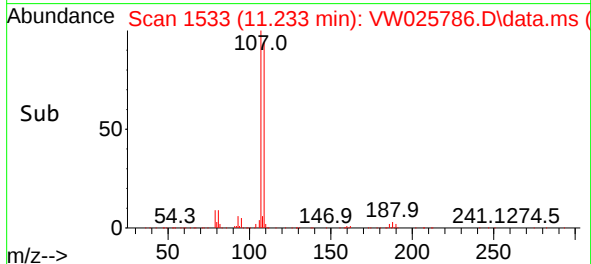
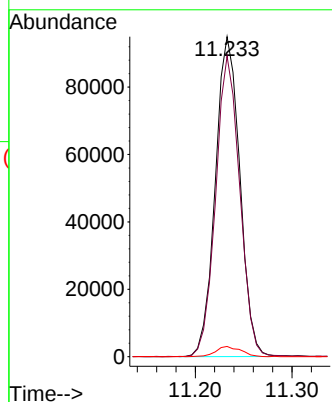
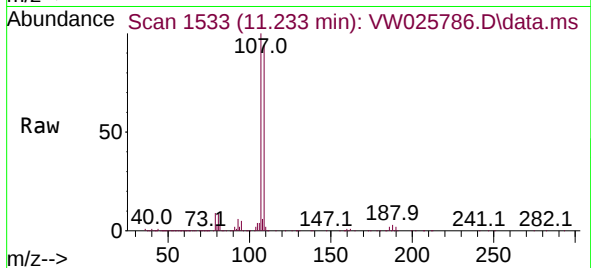
Tgt Ion:107 Resp: 166941

Ion Ratio Lower Upper

107 100

109 93.9 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 25.691 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

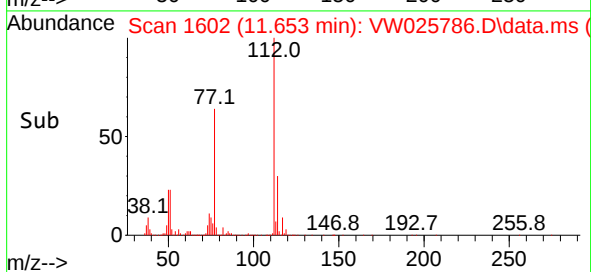
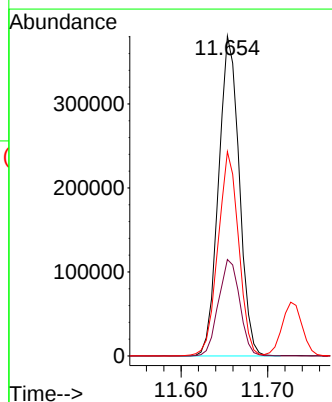
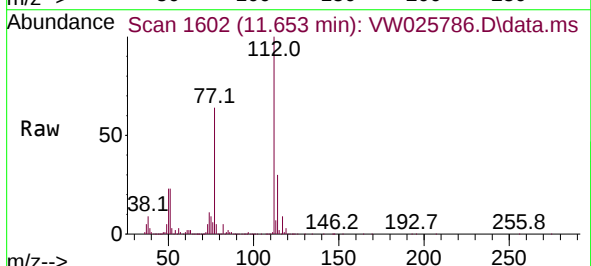
Tgt Ion:112 Resp: 631379

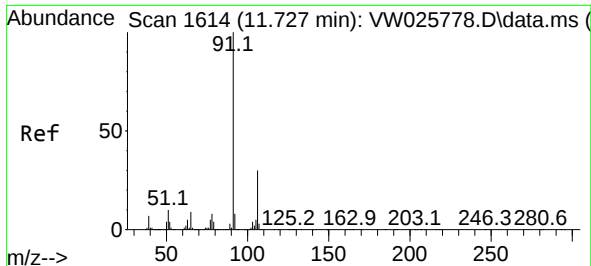
Ion Ratio Lower Upper

112 100

114 30.2 22.7 42.3

77 63.9 53.0 79.6

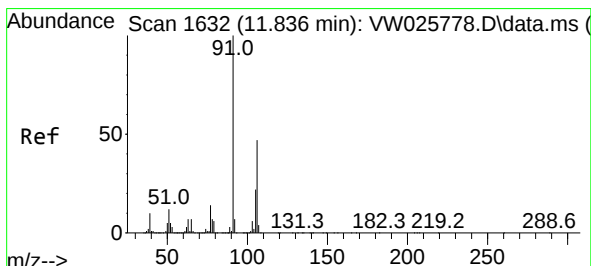
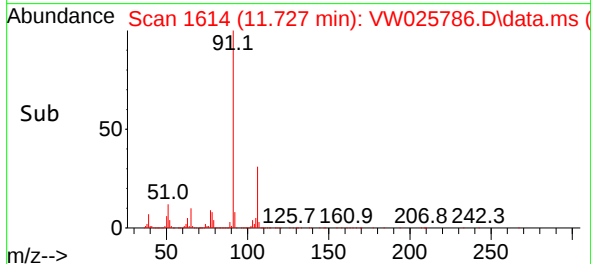
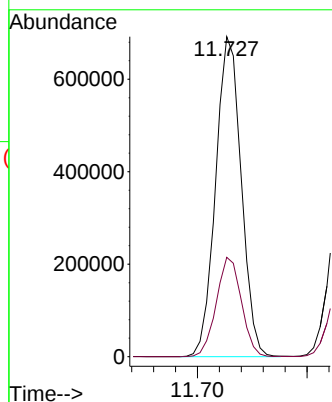
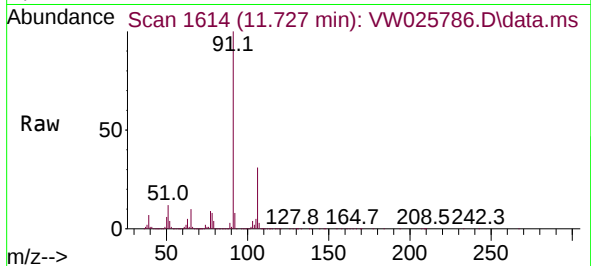




#52
Ethylbenzene
Concen: 25.135 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

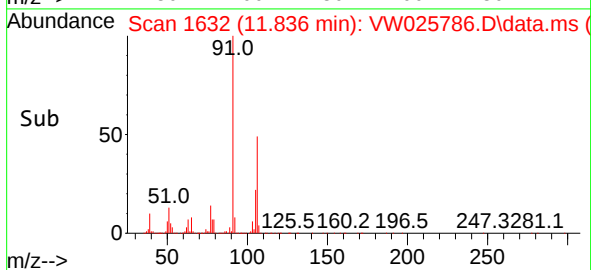
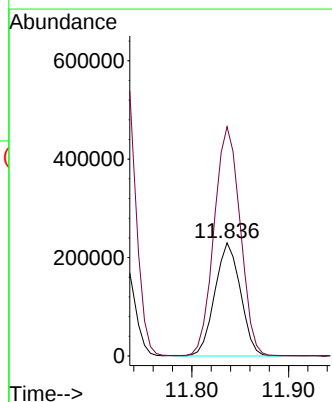
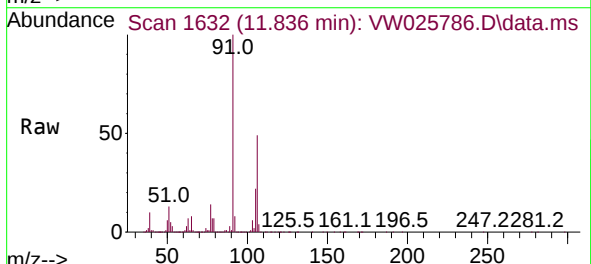
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

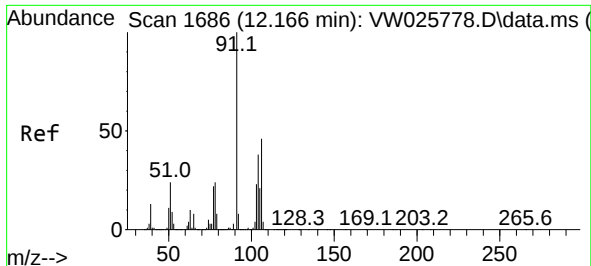
Tgt Ion: 91 Resp: 1121619
Ion Ratio Lower Upper
91 100
106 31.1 20.8 38.6



#53
m,p-Xylene
Concen: 25.778 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 106 Resp: 423378
Ion Ratio Lower Upper
106 100
91 202.7 150.1 278.9

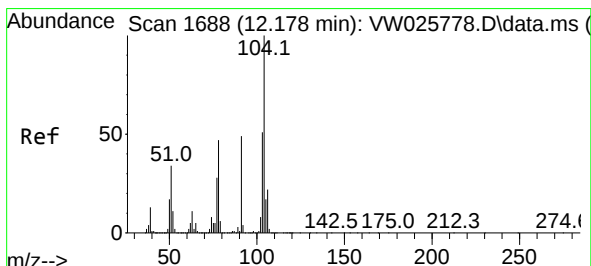
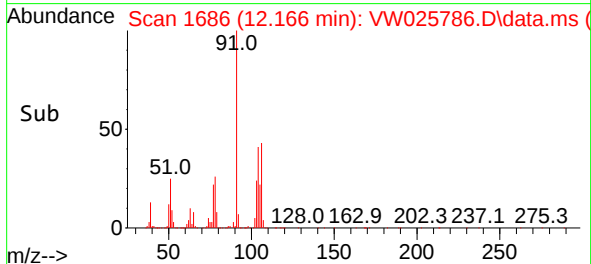
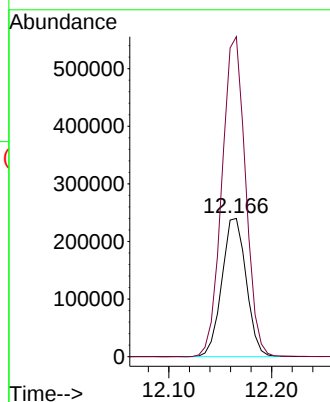
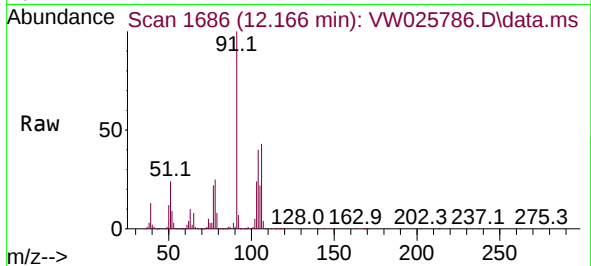




#54
o-Xylene
Concen: 25.475 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

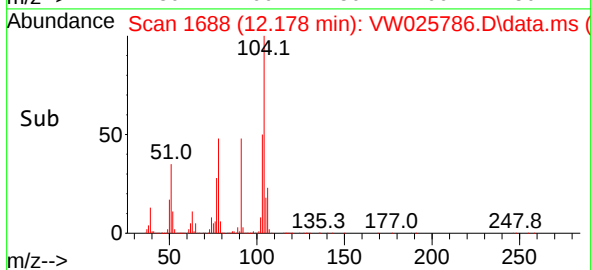
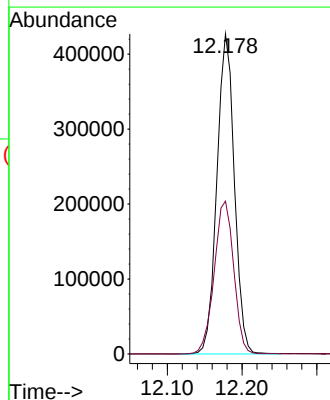
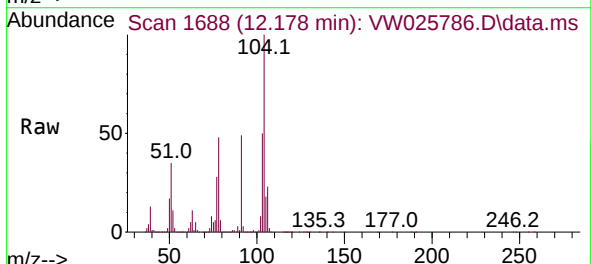
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

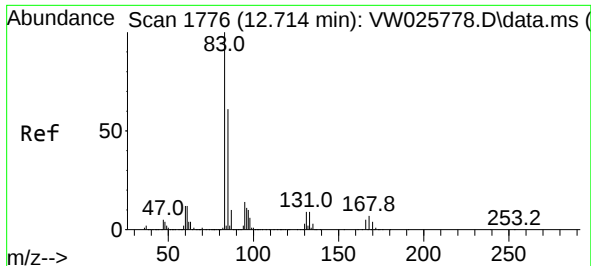
Tgt Ion:106 Resp: 394369
Ion Ratio Lower Upper
106 100
91 231.4 157.8 293.1



#55
Styrene
Concen: 26.136 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion:104 Resp: 692500
Ion Ratio Lower Upper
104 100
78 47.7 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.089 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

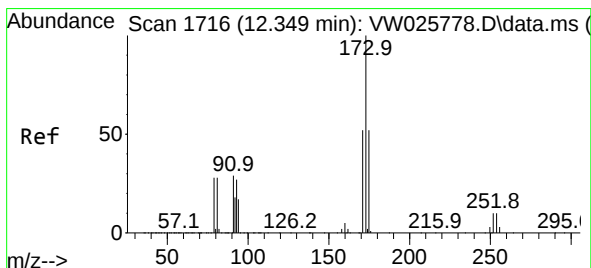
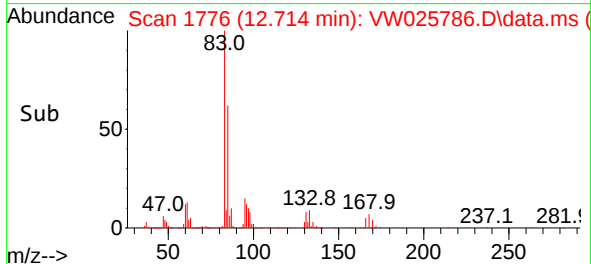
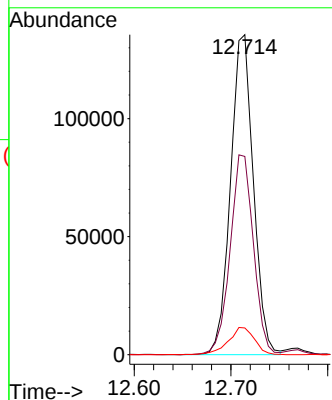
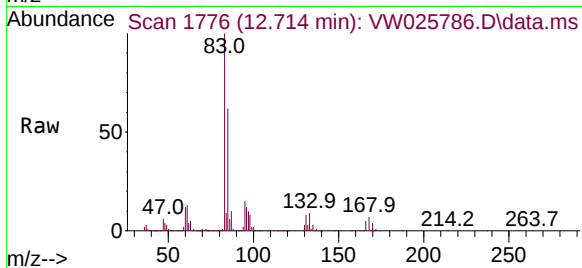
Tgt Ion: 83 Resp: 222752

Ion Ratio Lower Upper

83 100

85 61.9 45.6 84.8

131 8.3 8.1 12.1



#59

Bromoform

Concen: 25.841 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

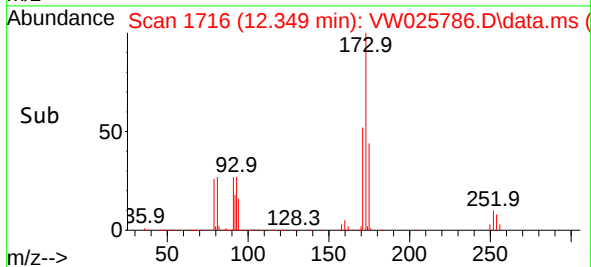
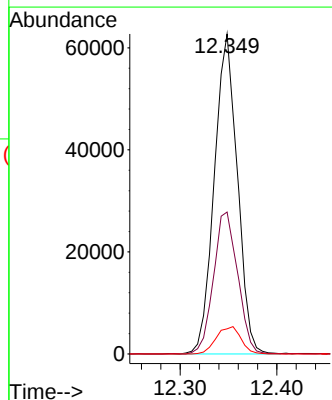
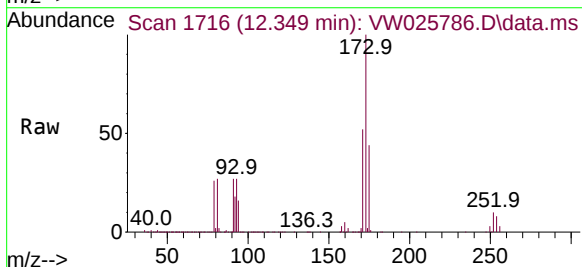
Tgt Ion: 173 Resp: 103804

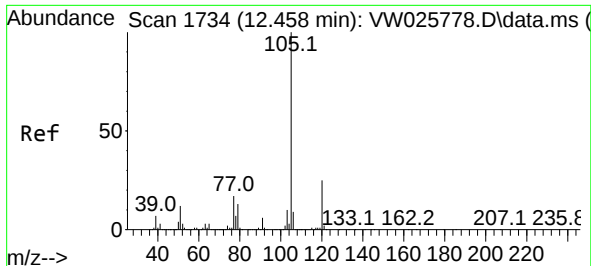
Ion Ratio Lower Upper

173 100

175 46.5 38.6 57.8

254 9.1 7.6 11.4

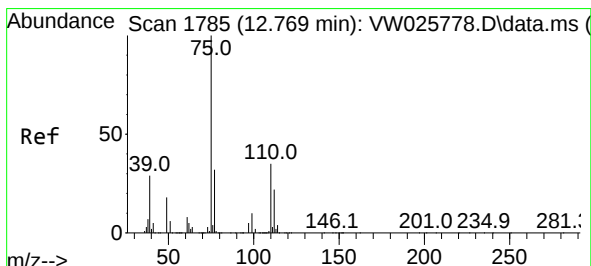
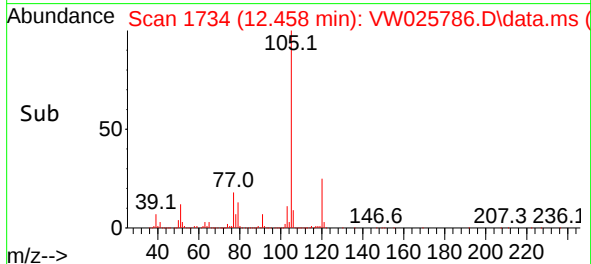
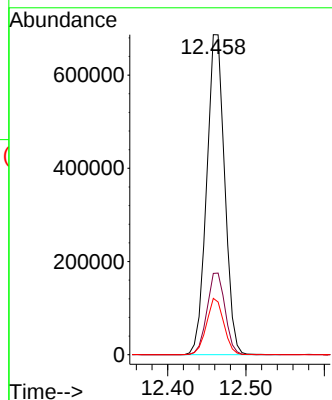
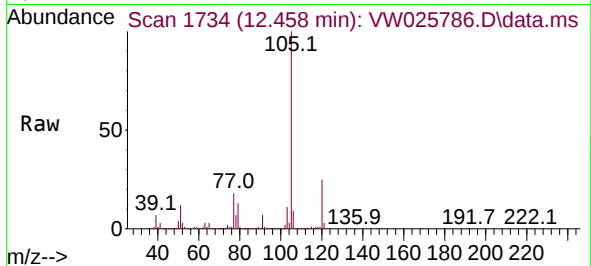




#60
Isopropylbenzene
Concen: 26.480 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

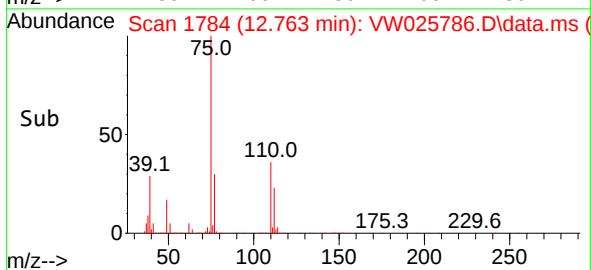
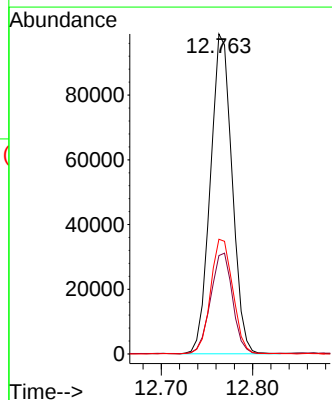
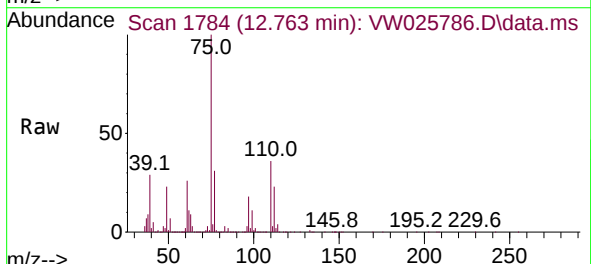
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

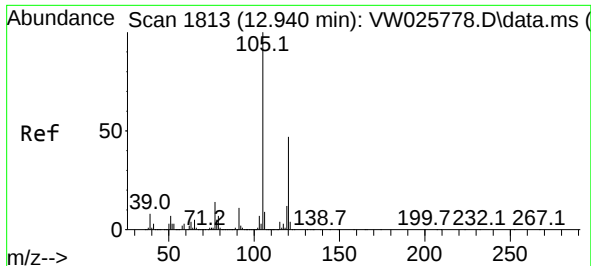
Tgt Ion:105 Resp: 1091601
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 25.484 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion: 75 Resp: 163338
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
110 36.8 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.463 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

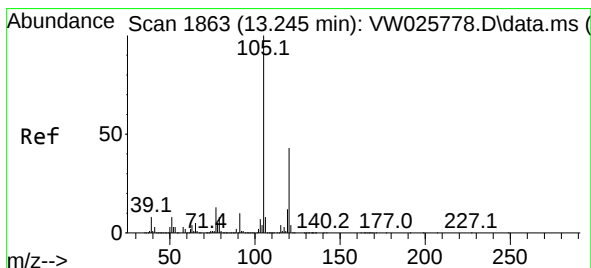
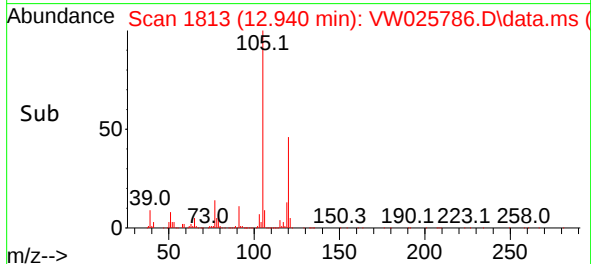
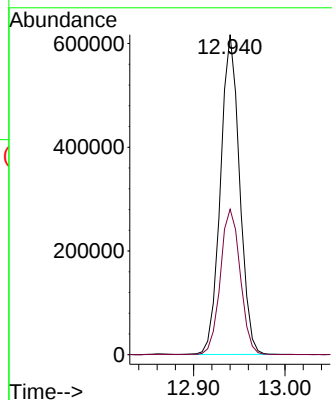
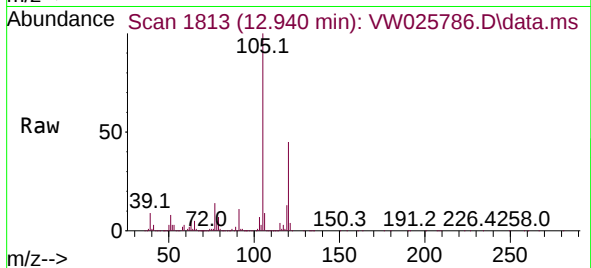
VSTD025589

Tgt Ion:105 Resp: 896707

Ion Ratio Lower Upper

105 100

120 47.4 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 26.806 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025786.D

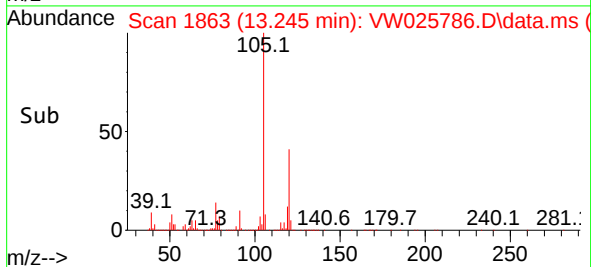
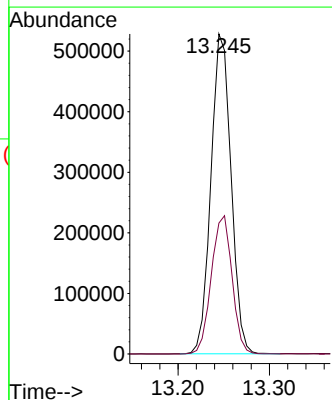
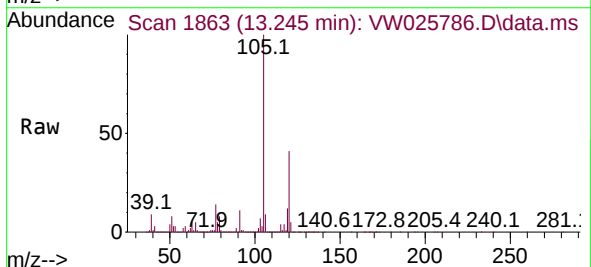
Acq: 01 May 2023 18:29

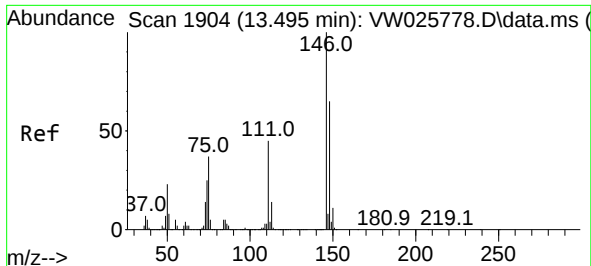
Tgt Ion:105 Resp: 807677

Ion Ratio Lower Upper

105 100

120 44.5 34.7 52.1

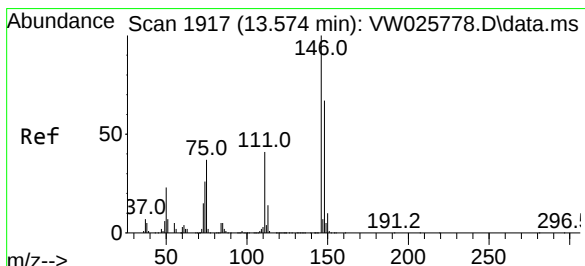
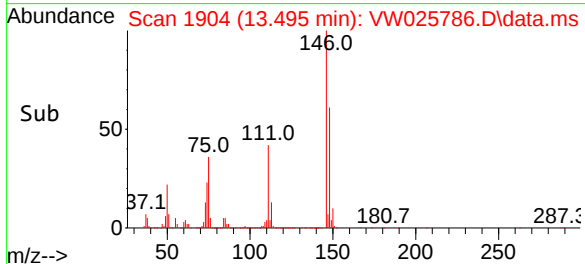
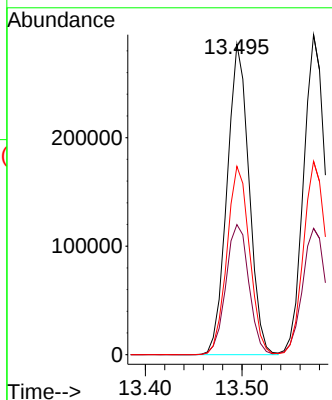
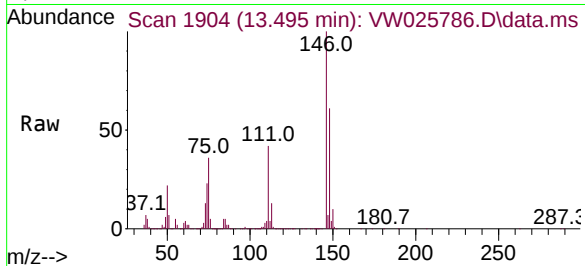




#64
1,3-Dichlorobenzene
Concen: 25.537 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

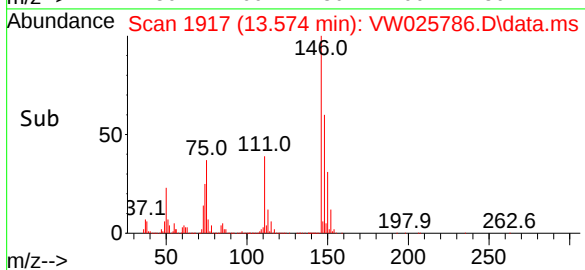
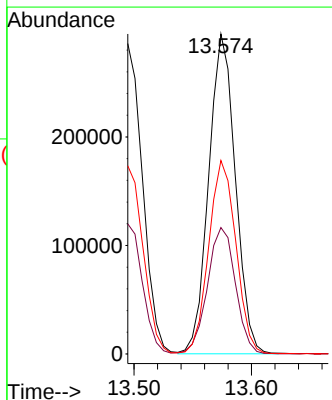
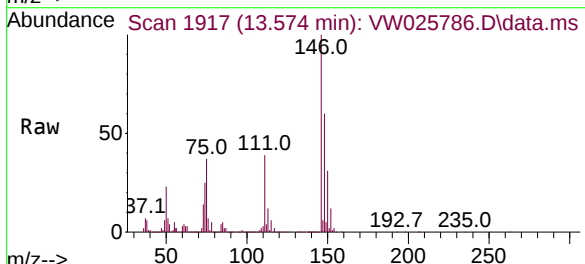
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

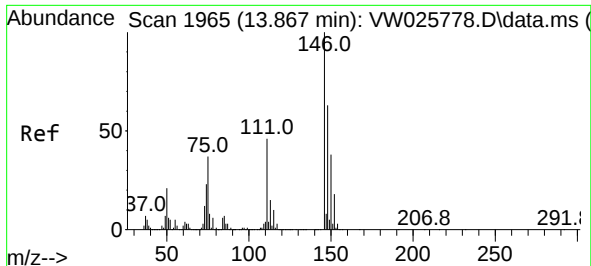
Tgt Ion:146 Resp: 453178
Ion Ratio Lower Upper
146 100
111 41.9 30.4 56.4
148 60.6 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 25.987 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025786.D
Acq: 01 May 2023 18:29

Tgt Ion:146 Resp: 465924
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.9
148 60.4 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.184 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

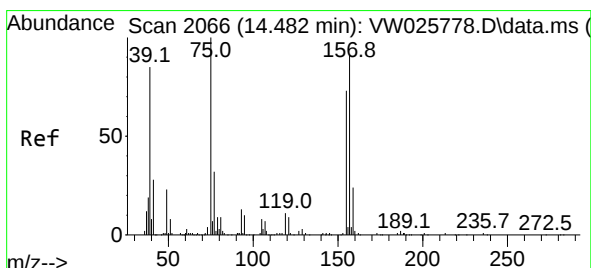
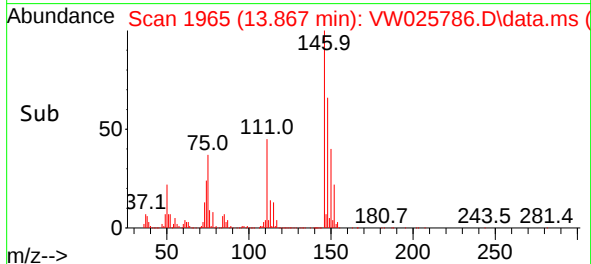
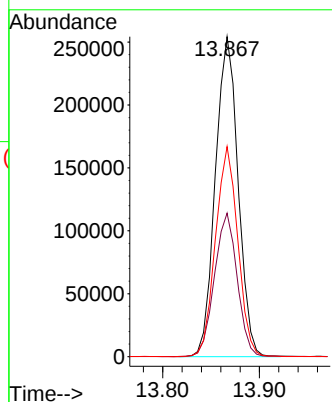
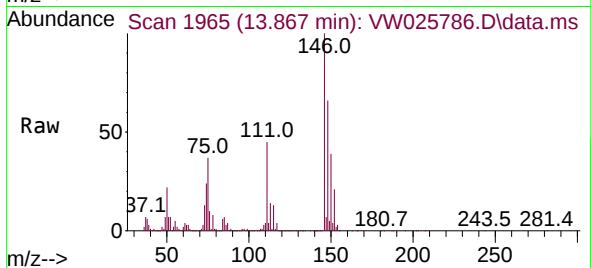
Tgt Ion:146 Resp: 414403

Ion Ratio Lower Upper

146 100

111 44.8 37.7 56.5

148 65.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.596 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

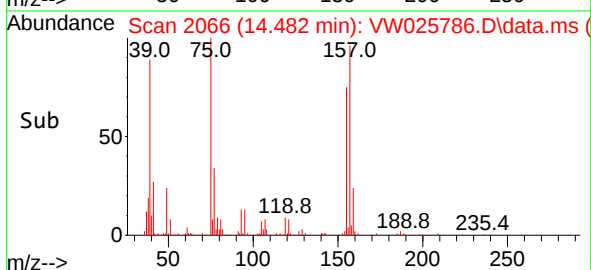
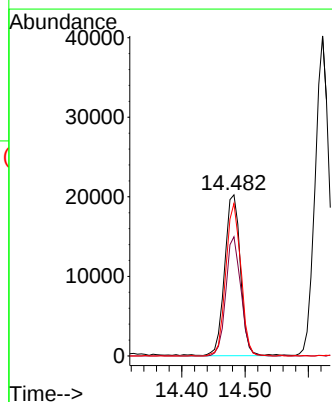
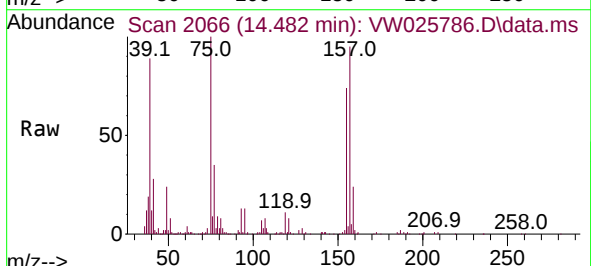
Tgt Ion: 75 Resp: 35069

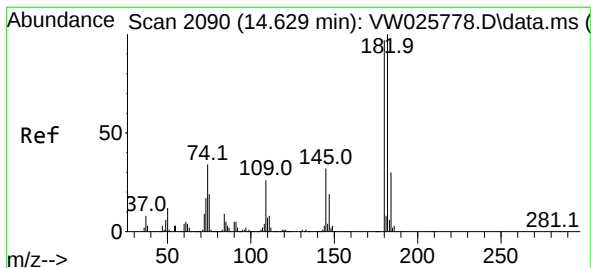
Ion Ratio Lower Upper

75 100

155 74.0 56.3 84.5

157 94.6 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 25.067 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

Tgt Ion:180 Resp: 295277

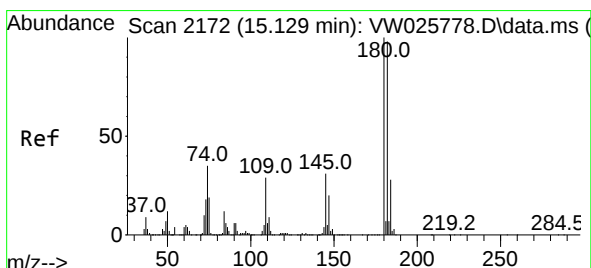
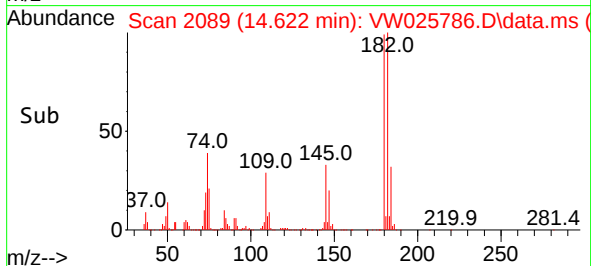
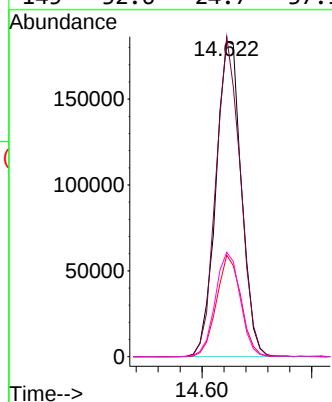
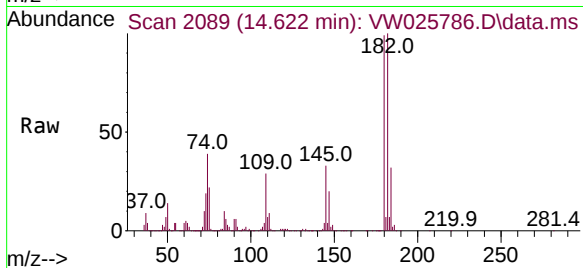
Ion Ratio Lower Upper

180 100

182 97.8 77.4 116.0

184 31.1 24.7 37.1

145 32.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 25.852 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

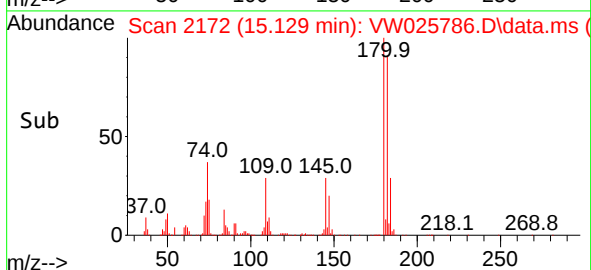
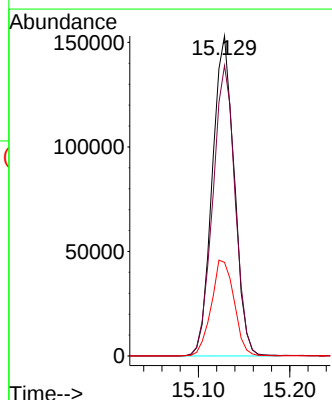
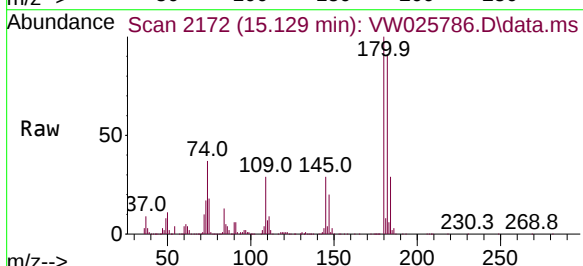
Tgt Ion:180 Resp: 255120

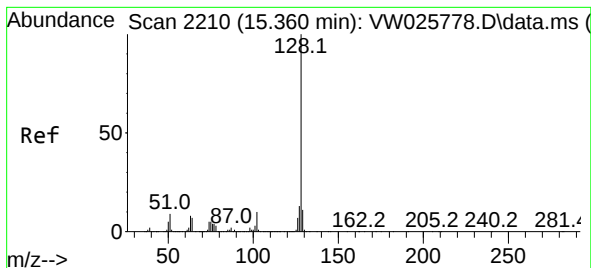
Ion Ratio Lower Upper

180 100

182 92.5 74.3 111.5

145 31.3 25.4 38.0





#71

Naphthalene

Concen: 26.866 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

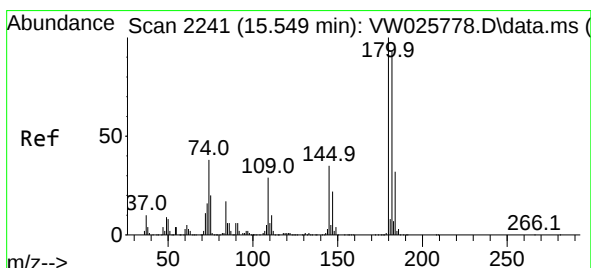
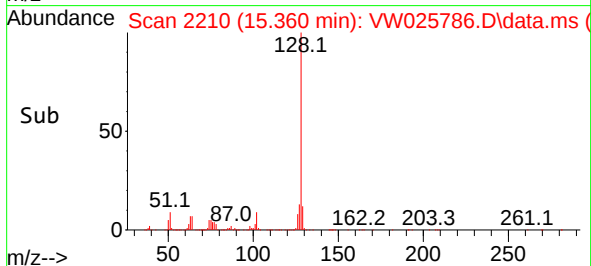
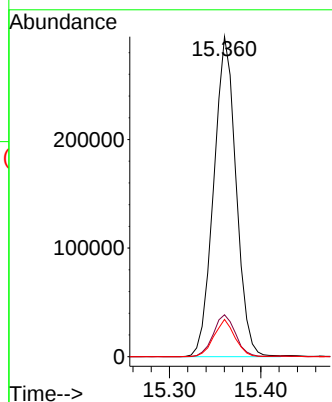
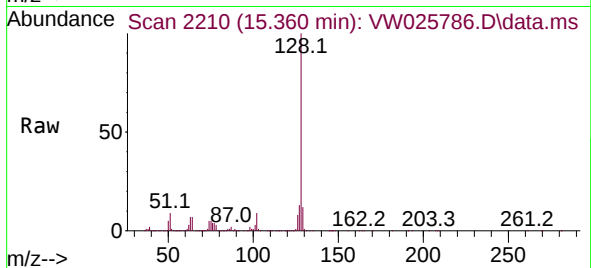
Tgt Ion:128 Resp: 500411

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.160 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025786.D

Acq: 01 May 2023 18:29

Tgt Ion:180 Resp: 229068

Ion Ratio Lower Upper

180 100

182 92.9 76.1 114.1

145 34.2 28.0 42.0

