

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026571.D
 Acq On : 07 Jul 2023 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Jul 08 05:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 08 05:36:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	587239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	520117	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	254479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	175197	19.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
7) Chloroethane-d5	2.881	69	131411	17.988	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.960%
11) 1,1-Dichloroethene-d2	4.015	65	89938	21.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.075	46	181076	53.604	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.200%
24) Chloroform-d	7.642	84	364157	21.049	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	8.301	65	206059	20.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.920%
32) Benzene-d6	8.270	84	768402	23.171	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.270	67	238861	22.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.319	98	676875	22.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.575	79	94381	22.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.040%
47) 2-Hexanone-d5	10.922	63	115806	55.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220781	23.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	210038	20.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141116	21.084	ug/L	98
3) Chloromethane	2.222	50	211850	19.573	ug/L	98
5) Vinyl chloride	2.369	62	201248	18.880	ug/L	98
6) Bromomethane	2.777	94	102794	16.517	ug/L	97
8) Chloroethane	2.924	64	111782	17.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	173581	21.666	ug/L	99
12) 1,1-Dichloroethene	4.033	96	168039	22.677	ug/L	91
13) Acetone	4.112	43	207391	98.990	ug/L	98
14) Carbon disulfide	4.381	76	508614	21.621	ug/L	98
15) Methyl Acetate	4.661	43	145117	27.839	ug/L	99
16) Methylene chloride	4.911	84	212545	20.310	ug/L	98
17) trans-1,2-Dichloroethene	5.417	96	178656	21.424	ug/L	97
18) Methyl tert-butyl Ether	5.417	73	281010	19.274	ug/L	98
19) 1,1-Dichloroethane	6.210	63	369365	20.568	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	194699	20.350	ug/L	97
22) 2-Butanone	7.167	43	205533	52.710	ug/L	99
23) Bromochloromethane	7.508	128	81116	20.472	ug/L	94
25) Chloroform	7.673	83	342443	21.278	ug/L	100
27) 1,2-Dichloroethane	8.398	62	240211	20.256	ug/L	99

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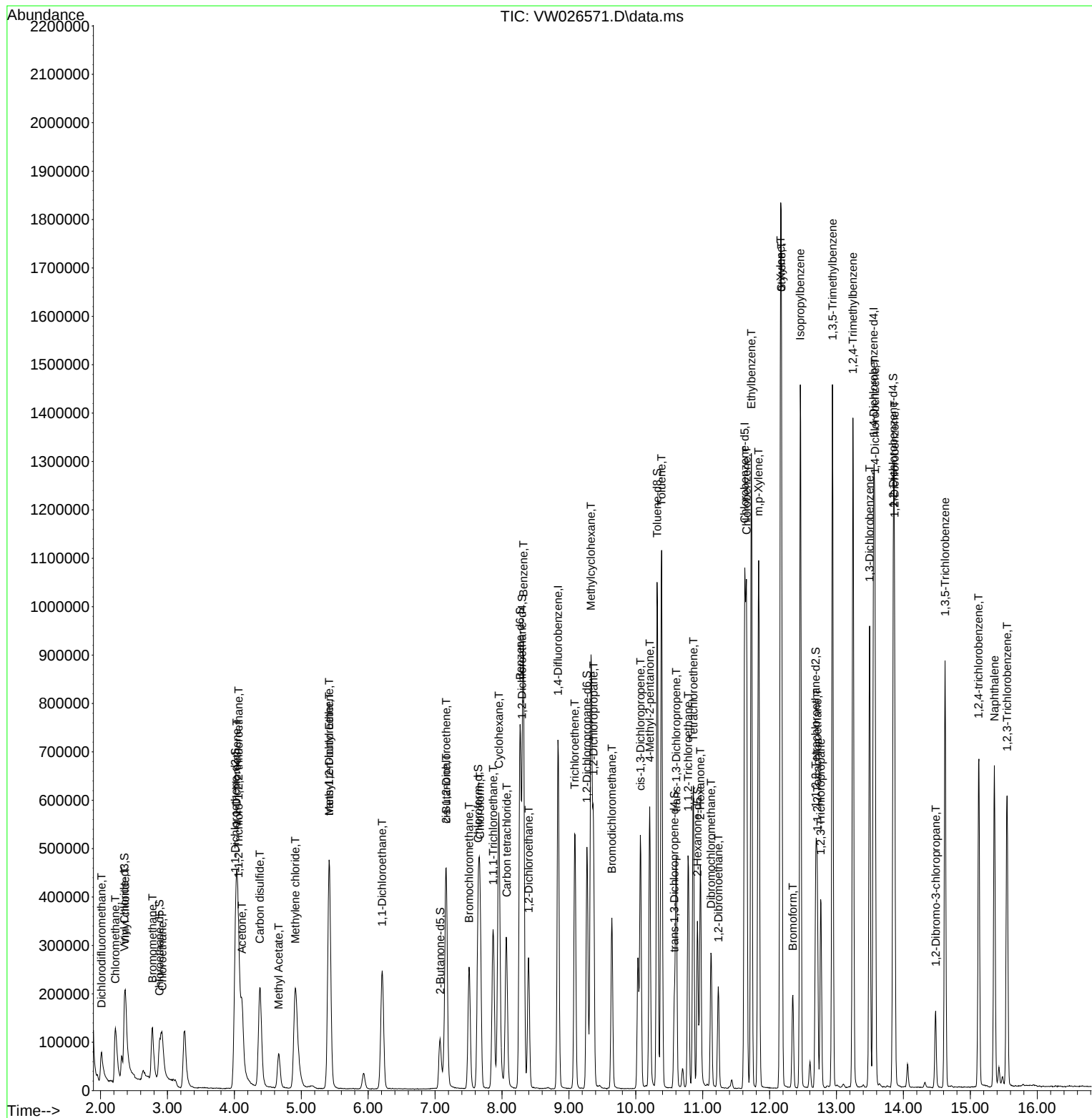
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	342186	23.615	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	270880	23.148	ug/L	98
31) Carbon tetrachloride	8.069	117	241116	22.854	ug/L	100
33) Benzene	8.319	78	771637	22.908	ug/L	100
34) Trichloroethene	9.087	95	197948	23.040	ug/L	97
35) Methylcyclohexane	9.331	83	350843	23.908	ug/L	99
37) 1,2-Dichloropropane	9.367	63	208442	22.588	ug/L	100
38) Bromodichloromethane	9.642	83	233032	21.401	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	308565	22.677	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	403305	56.480	ug/L	100
42) Toluene	10.386	91	790150	23.046	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	262309	23.003	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	151458	22.328	ug/L	97
46) Tetrachloroethene	10.861	164	137104	22.742	ug/L	93
48) 2-Hexanone	10.965	43	304728	61.200	ug/L	96
49) Dibromochloromethane	11.123	129	146897	21.614	ug/L	99
50) 1,2-Dibromoethane	11.233	107	143355	23.044	ug/L	99
51) Chlorobenzene	11.654	112	482661	21.538	ug/L	96
52) Ethylbenzene	11.727	91	895153	22.110	ug/L	98
53) m,p-Xylene	11.837	106	336804	22.751	ug/L	93
54) o-Xylene	12.166	106	307731	21.455	ug/L	96
55) Styrene	12.178	104	550176	22.430	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	215253	24.238	ug/L	97
59) Bromoform	12.349	173	87314	21.873	ug/L #	99
60) Isopropylbenzene	12.458	105	897374	22.991	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	165463	24.957	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	737411	22.914	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	714856	23.092	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	364926	21.976	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	365364	22.066	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	323641	20.689	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	41203	24.644	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	253696	22.968	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	201954	22.413	ug/L	99
71) Naphthalene	15.360	128	517615	25.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	196853	24.452	ug/L	97

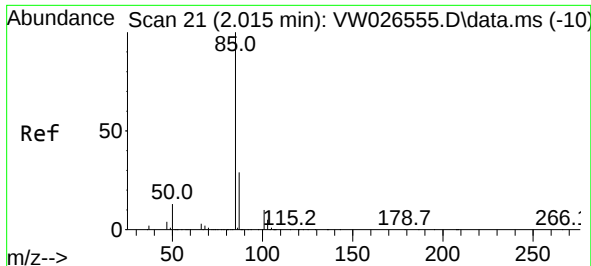
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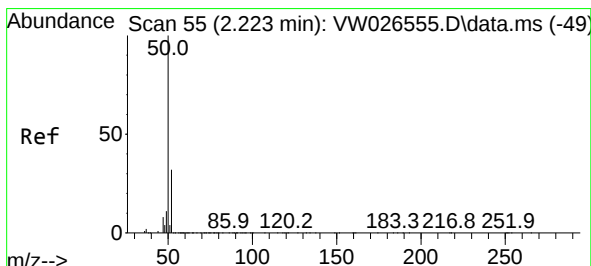
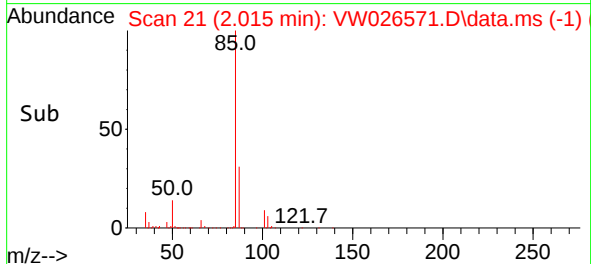
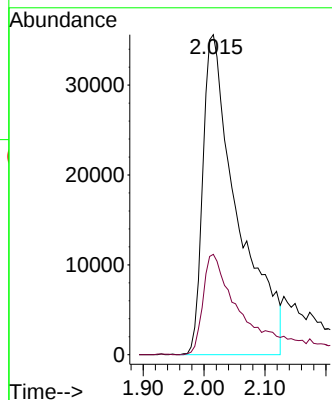
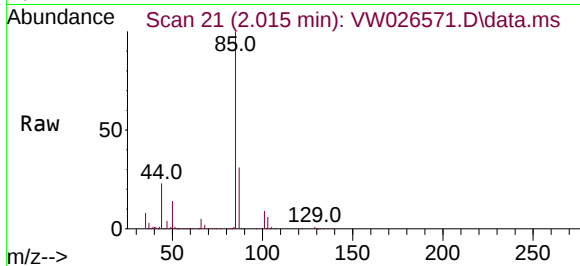




#2
 Dichlorodifluoromethane
 Concen: 21.084 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

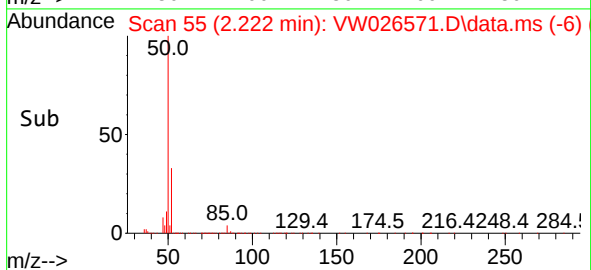
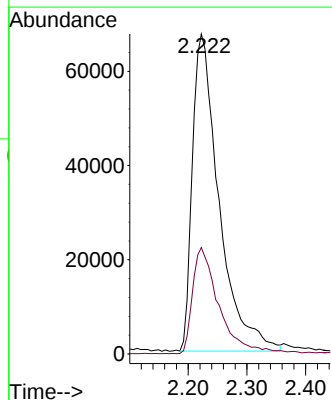
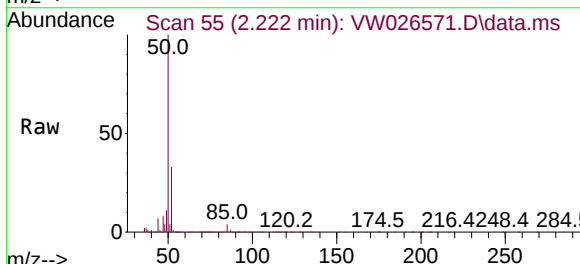
Instrument :
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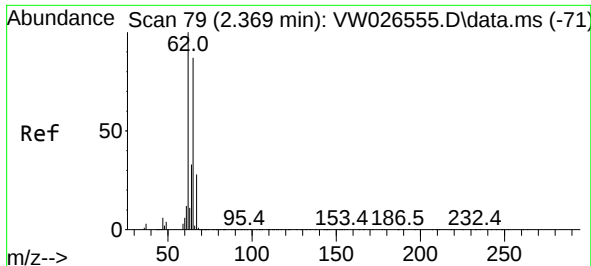
Tgt Ion: 85 Resp: 141116
 Ion Ratio Lower Upper
 85 100
 87 28.9 23.8 35.8



#3
 Chloromethane
 Concen: 19.573 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

Tgt Ion: 50 Resp: 211850
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1

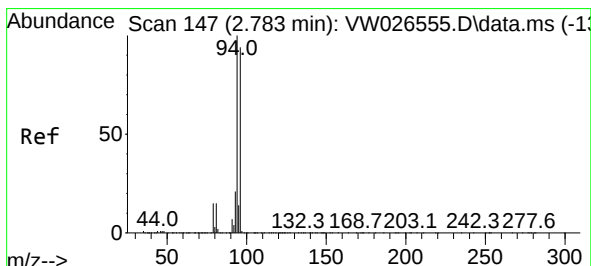
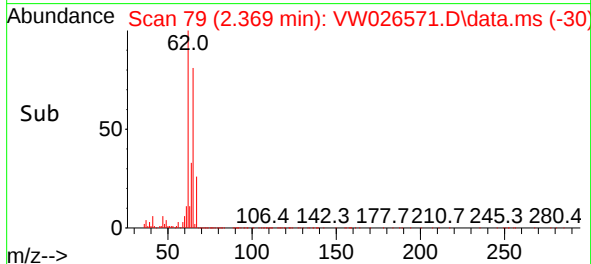
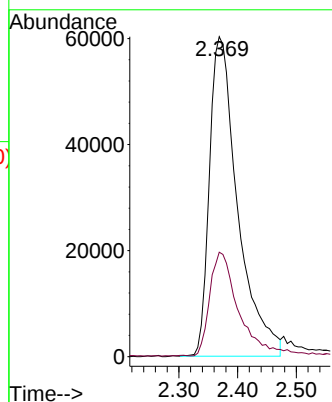
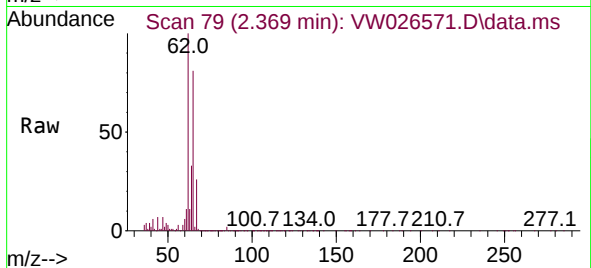




#5
 Vinyl chloride
 Concen: 18.880 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

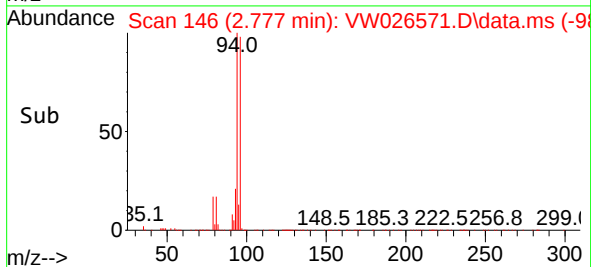
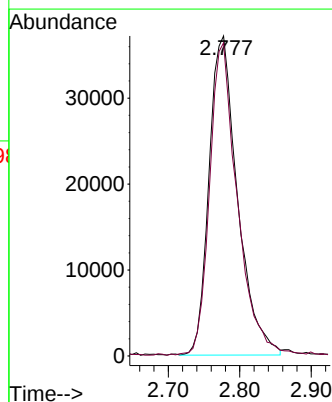
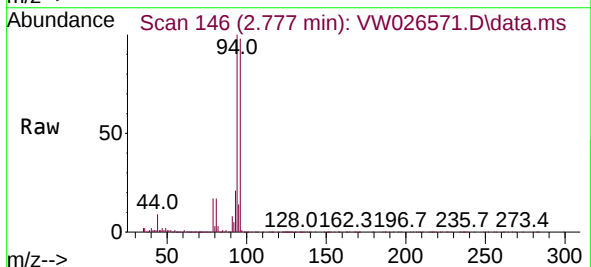
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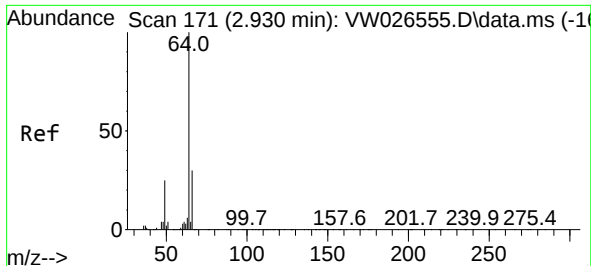
Tgt Ion: 62 Resp: 201248
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.1 41.1



#6
 Bromomethane
 Concen: 16.517 ug/L
 RT: 2.777 min Scan# 146
 Delta R.T. -0.006 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

Tgt Ion: 94 Resp: 102794
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.3 123.1

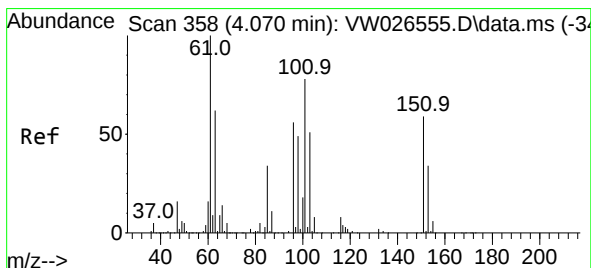
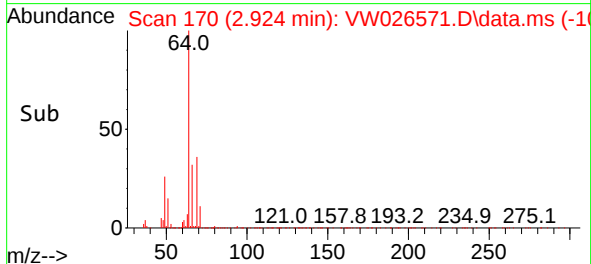
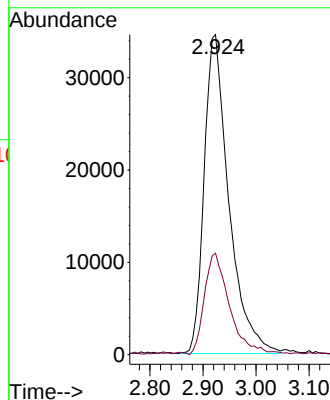
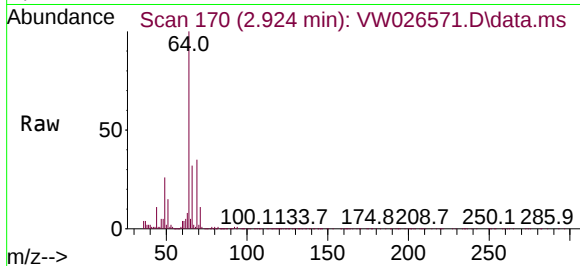




#8
Chloroethane
Concen: 17.408 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

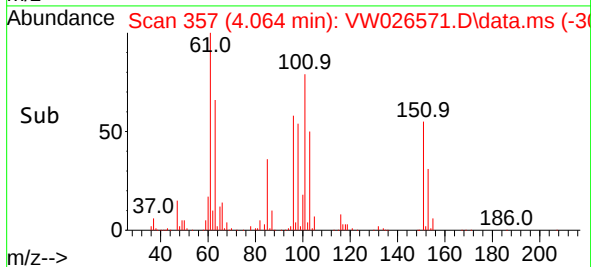
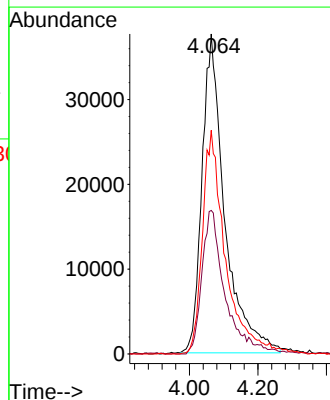
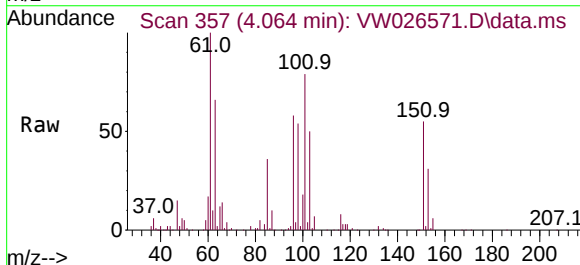
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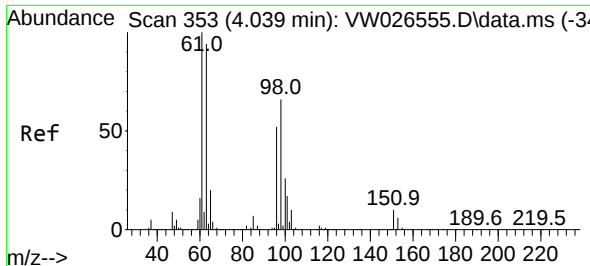
Tgt Ion: 64 Resp: 111782
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.666 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:101 Resp: 173581
Ion Ratio Lower Upper
101 100
85 42.0 35.4 53.0
151 69.0 55.2 82.8

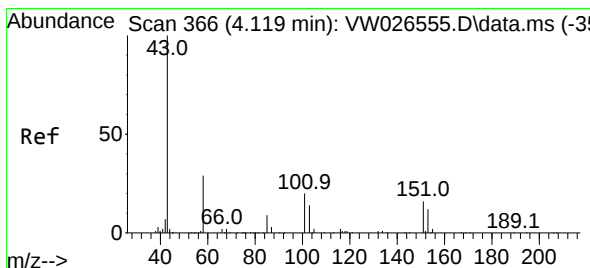
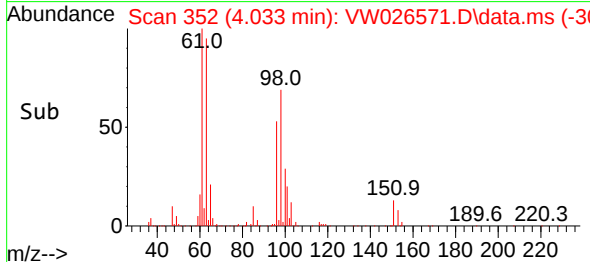
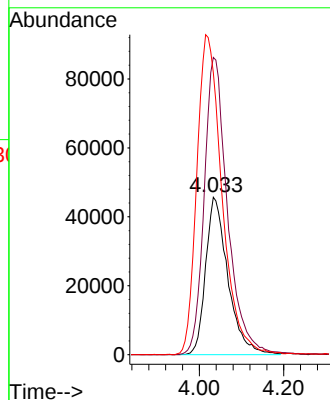
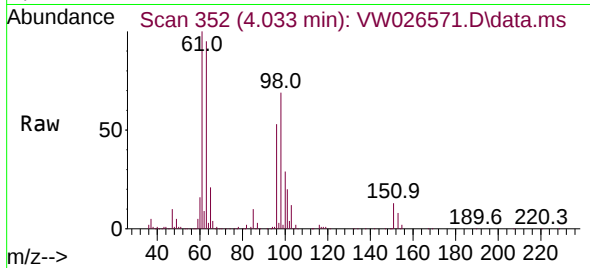




#12
1,1-Dichloroethene
Concen: 22.677 ug/L
RT: 4.033 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

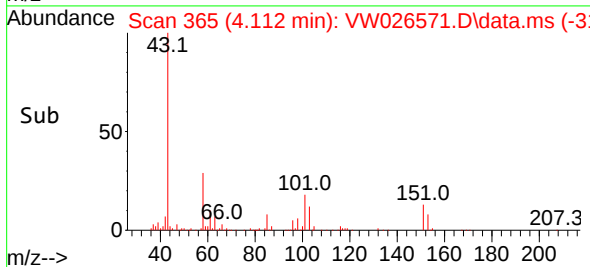
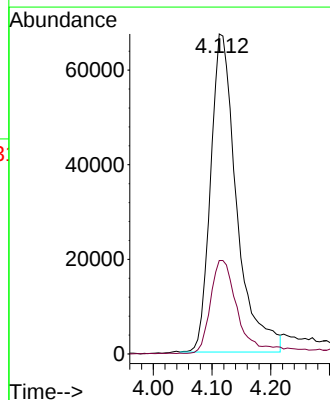
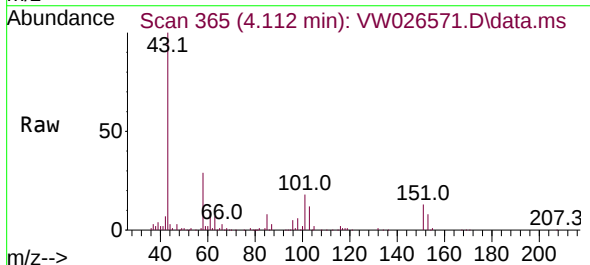
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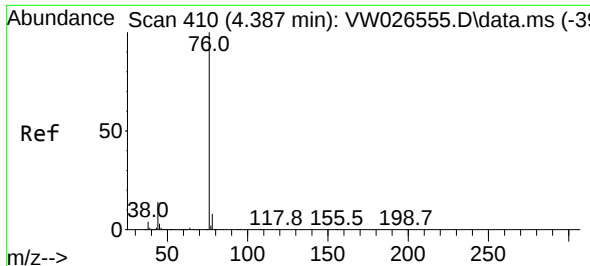
Tgt Ion: 96 Resp: 168039
Ion Ratio Lower Upper
96 100
61 188.9 142.9 265.5
63 179.2 132.7 246.5



#13
Acetone
Concen: 98.990 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 207391
Ion Ratio Lower Upper
43 100
58 28.9 0.0 59.6

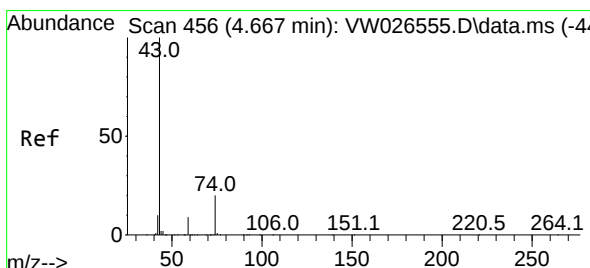
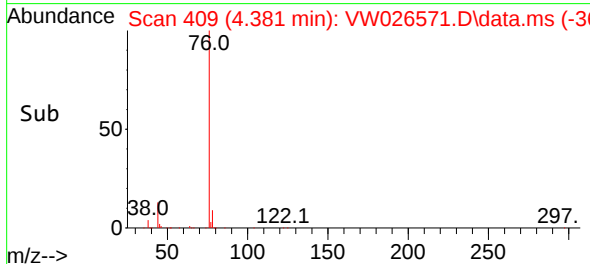
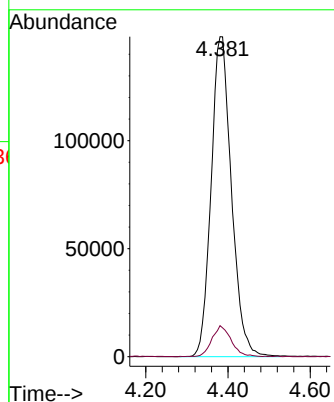
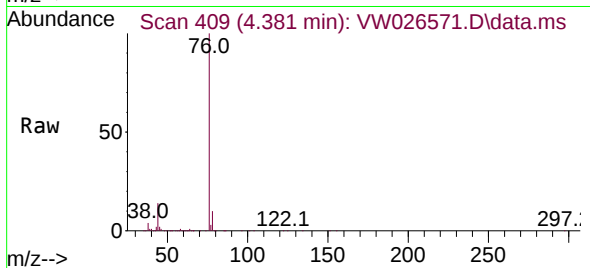




#14
Carbon disulfide
Concen: 21.621 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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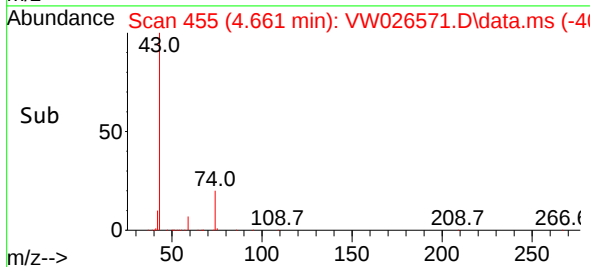
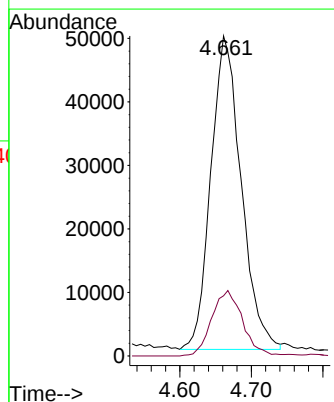
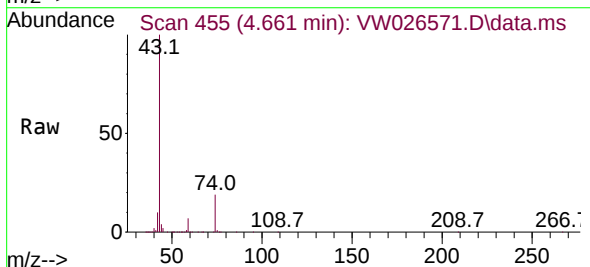
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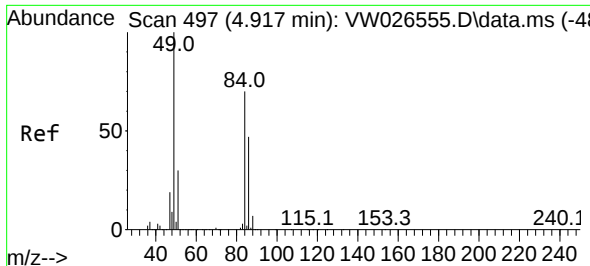
Tgt Ion: 76 Resp: 508614
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#15
Methyl Acetate
Concen: 27.839 ug/L
RT: 4.661 min Scan# 455
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 43 Resp: 145117
Ion Ratio Lower Upper
43 100
74 21.1 16.6 24.8

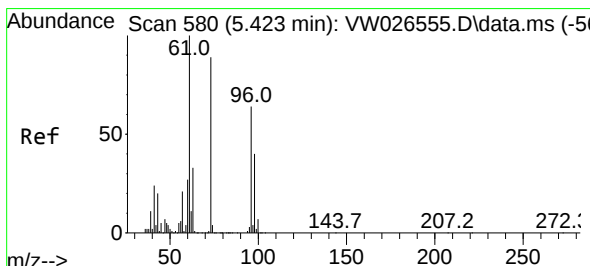
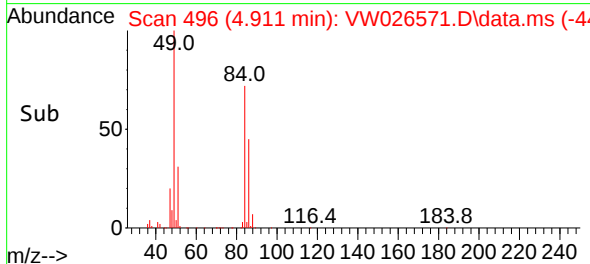
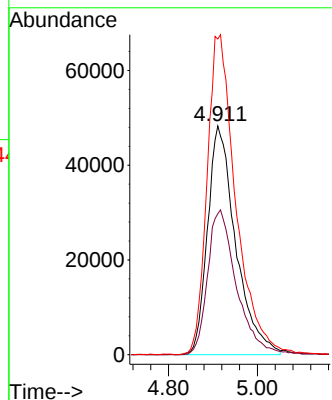
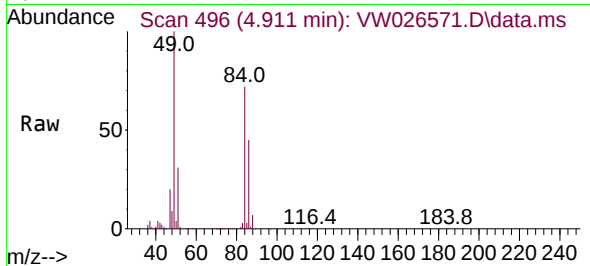




#16
Methylene chloride
Concen: 20.310 ug/L
RT: 4.911 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

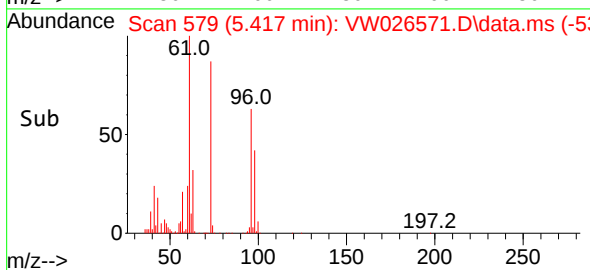
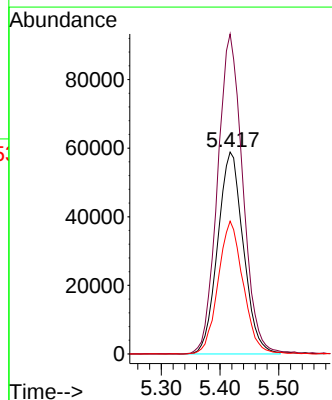
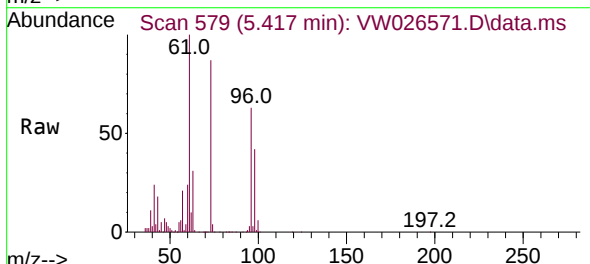
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

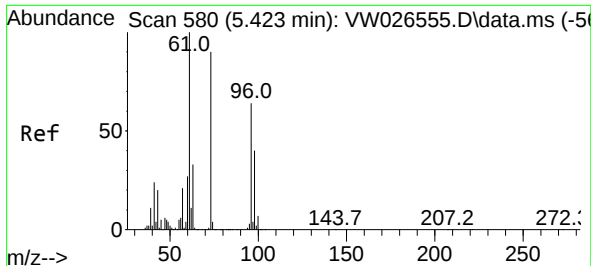
Tgt Ion: 84 Resp: 212545
Ion Ratio Lower Upper
84 100
86 61.6 43.3 80.5
49 138.0 99.3 184.3



#17
trans-1,2-Dichloroethene
Concen: 21.424 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 96 Resp: 178656
Ion Ratio Lower Upper
96 100
61 158.4 109.7 203.7
98 65.8 42.5 78.9

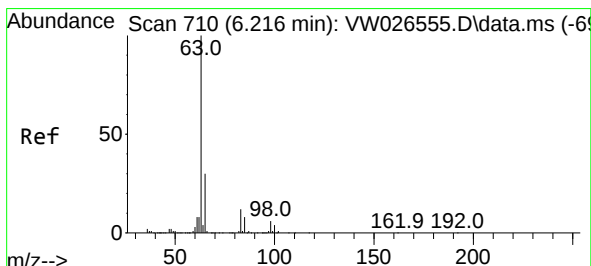
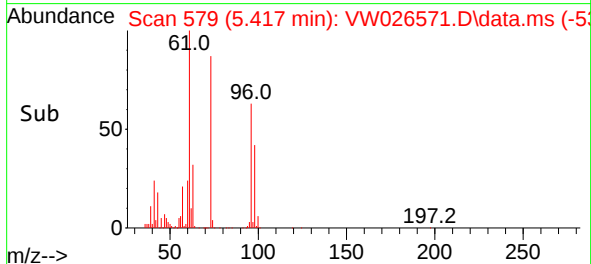
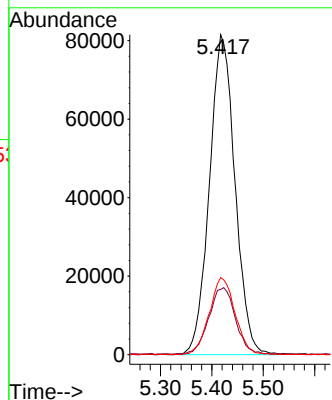
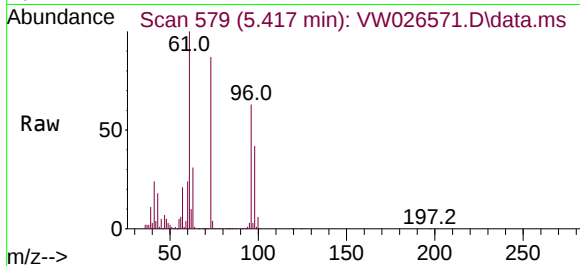




#18
Methyl tert-butyl Ether
Concen: 19.274 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

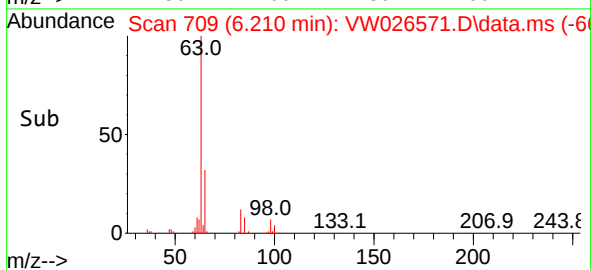
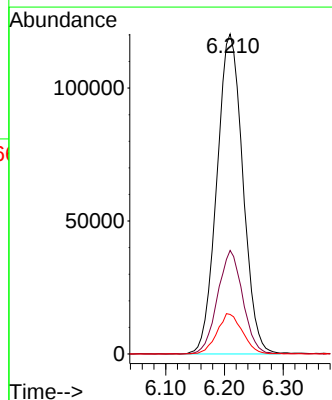
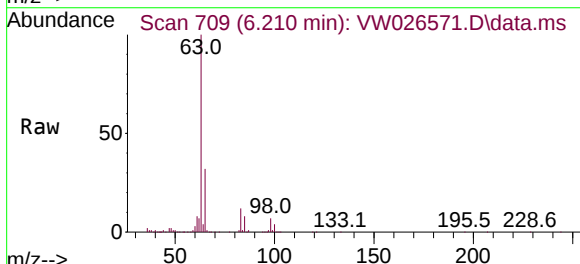
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

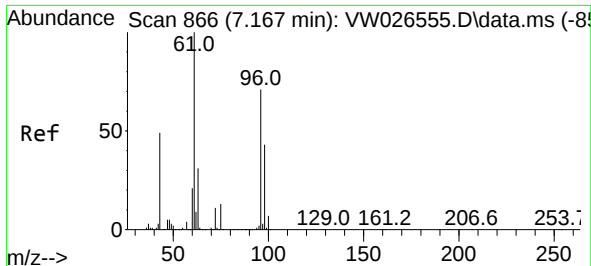
Tgt Ion: 73 Resp: 281010
Ion Ratio Lower Upper
73 100
43 21.5 17.8 26.8
57 24.3 18.8 28.2



#19
1,1-Dichloroethane
Concen: 20.568 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 63 Resp: 369365
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.4
83 12.4 8.6 16.0



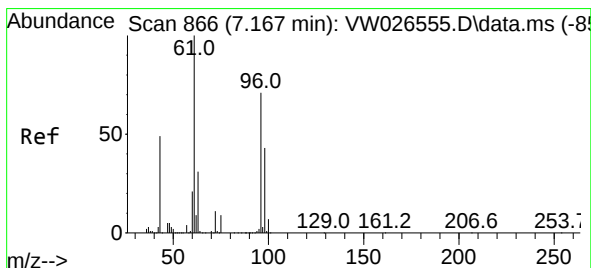
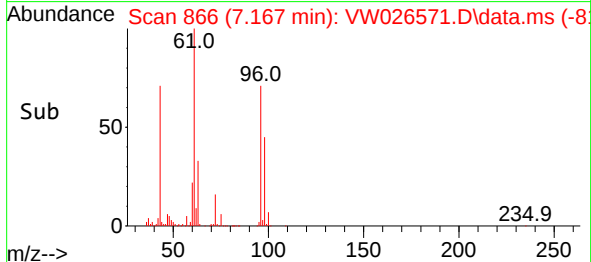
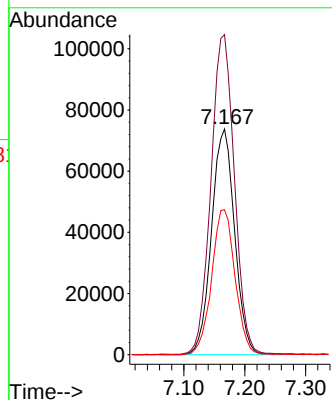
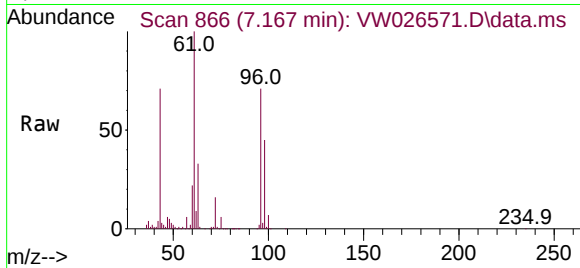


#20
 cis-1,2-Dichloroethene
 Concen: 20.350 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Tgt Ion: 96 Resp: 194699

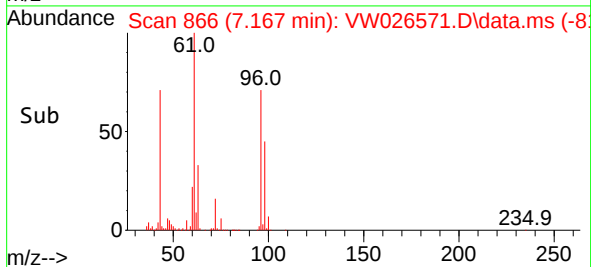
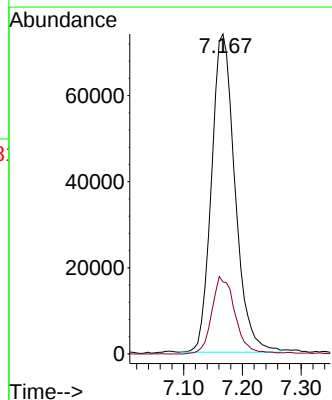
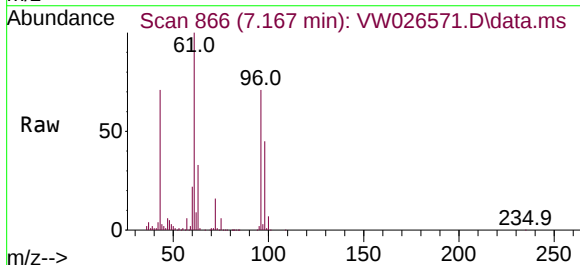
Ion	Ratio	Lower	Upper
96	100		
61	141.8	101.9	189.3
98	64.3	45.9	85.3

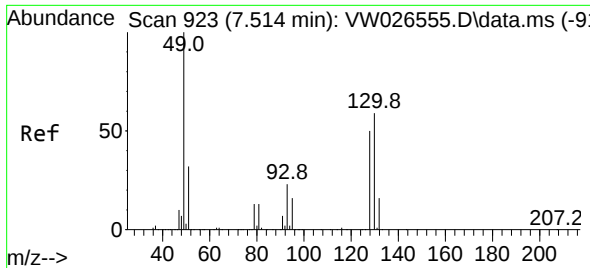


#22
 2-Butanone
 Concen: 52.710 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

Tgt Ion: 43 Resp: 205533

Ion	Ratio	Lower	Upper
43	100		
72	23.8	12.0	36.1

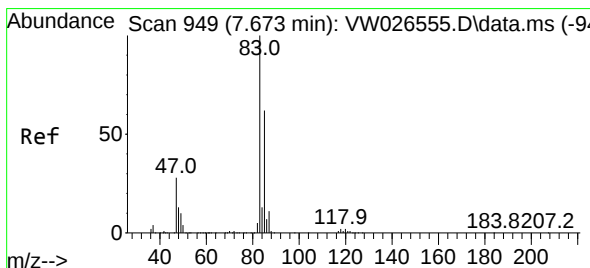
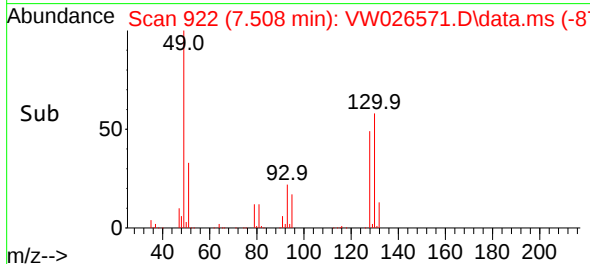
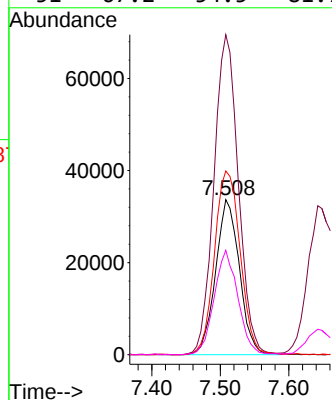
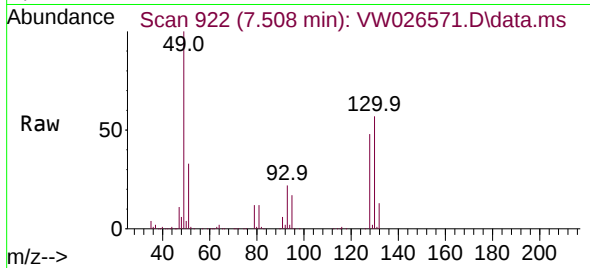




#23
Bromochloromethane
Concen: 20.472 ug/L
RT: 7.508 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

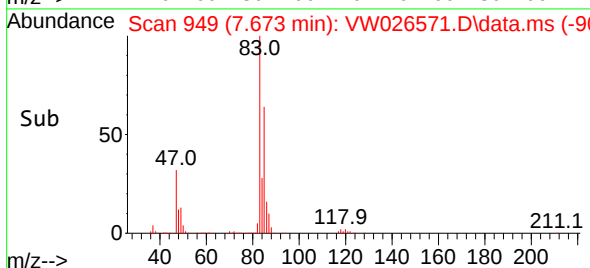
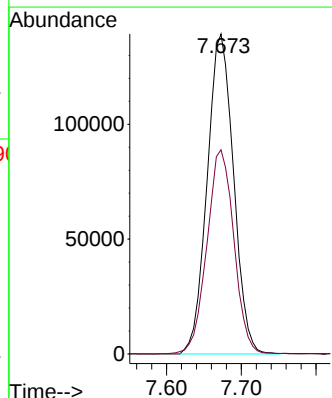
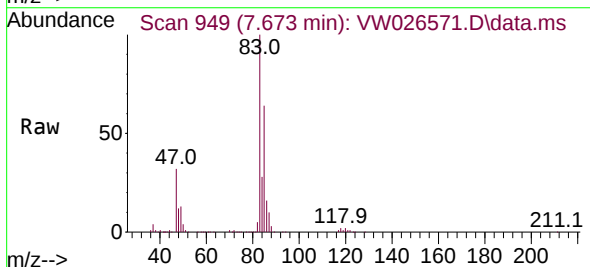
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

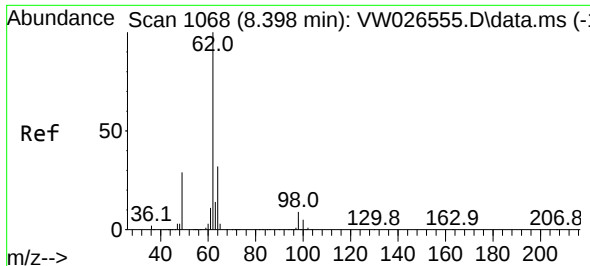
Tgt Ion:	128	Resp:	81116
Ion	Ratio	Lower	Upper
128	100		
49	206.3	152.2	282.7
130	118.4	89.2	165.8
51	67.2	54.5	81.7



#25
Chloroform
Concen: 21.278 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:	83	Resp:	342443
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.8	83.2





#27

1,2-Dichloroethane

Concen: 20.256 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

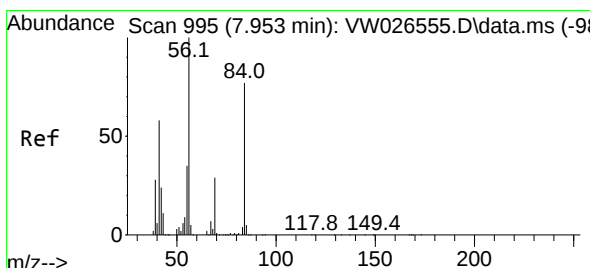
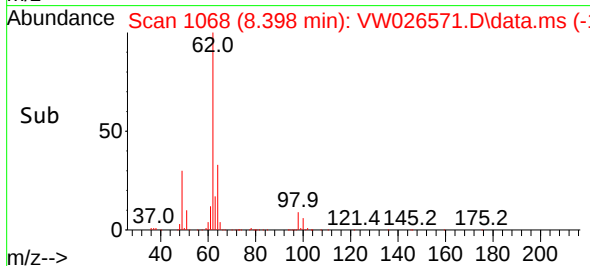
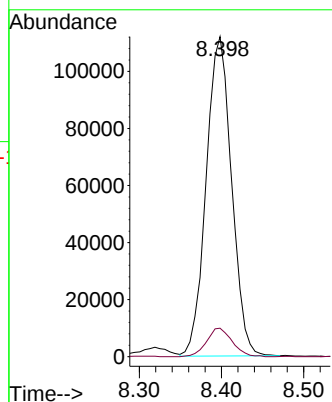
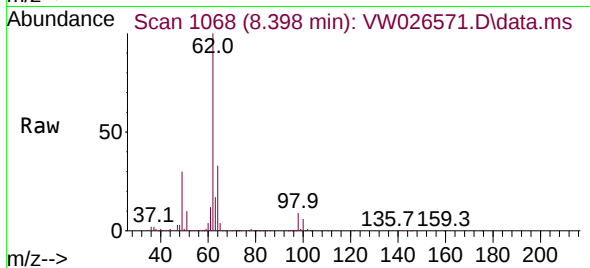
VSTD025553

Tgt Ion: 62 Resp: 240211

Ion Ratio Lower Upper

62 100

98 8.9 6.8 10.2



#29

Cyclohexane

Concen: 23.615 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

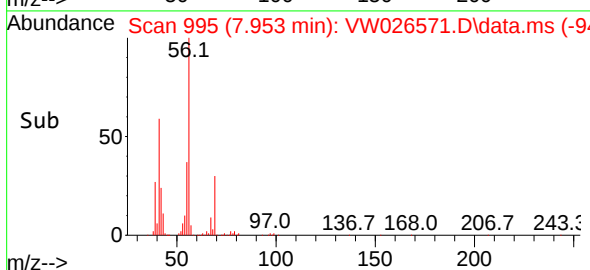
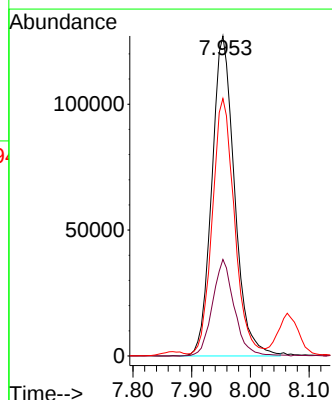
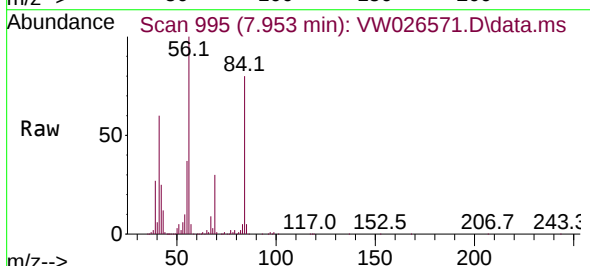
Tgt Ion: 56 Resp: 342186

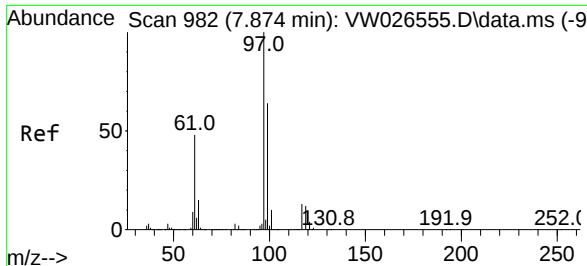
Ion Ratio Lower Upper

56 100

69 28.8 22.9 34.3

84 79.0 62.5 93.7

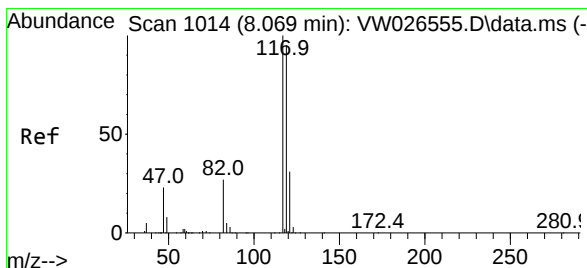
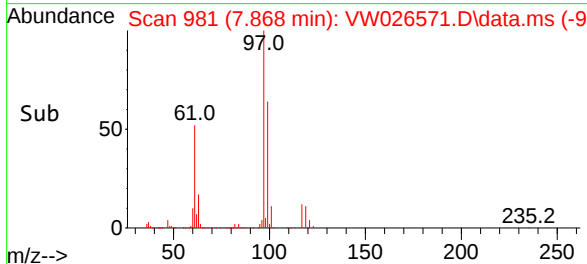
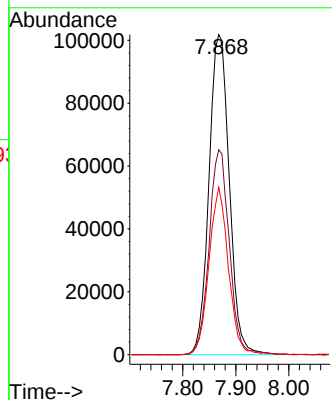
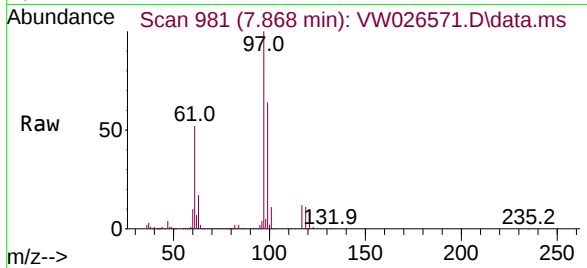




#30
1,1,1-Trichloroethane
Concen: 23.148 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

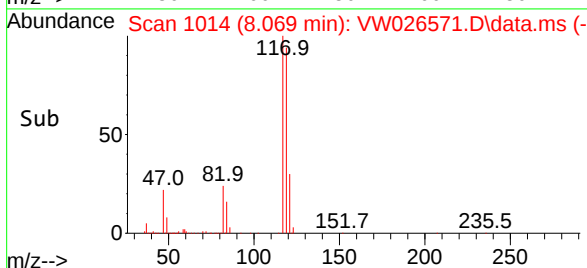
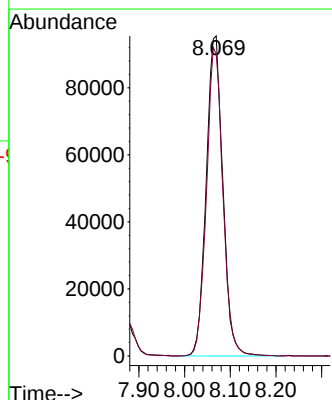
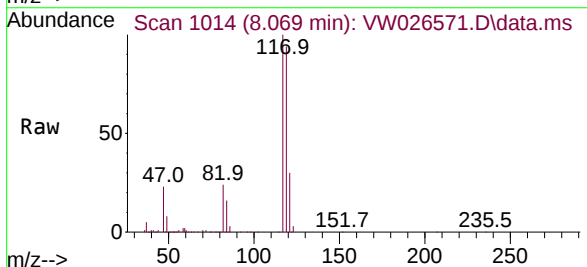
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

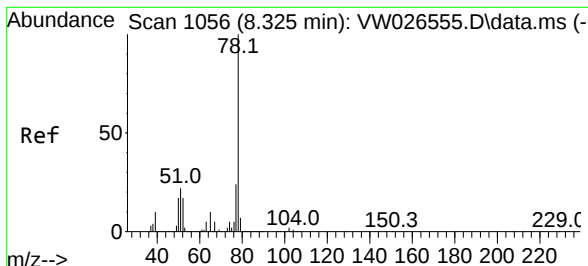
Tgt Ion: 97 Resp: 270880
Ion Ratio Lower Upper
97 100
99 62.9 52.2 78.2
61 49.9 40.2 60.2



#31
Carbon tetrachloride
Concen: 22.854 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 117 Resp: 241116
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5





#33

Benzene

Concen: 22.908 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

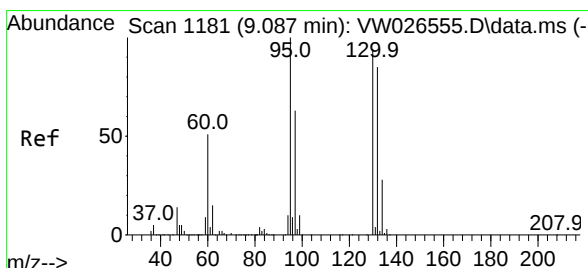
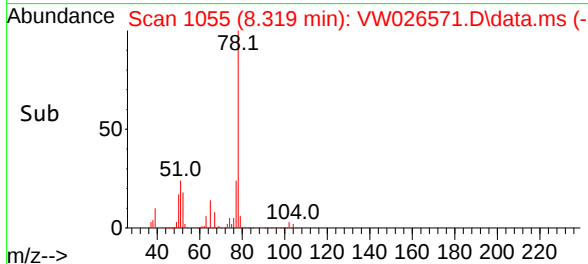
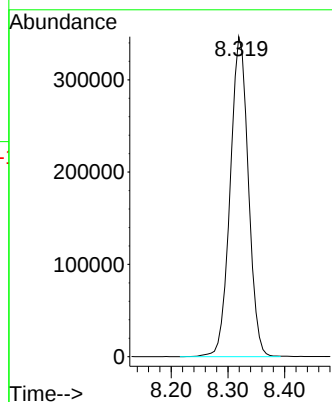
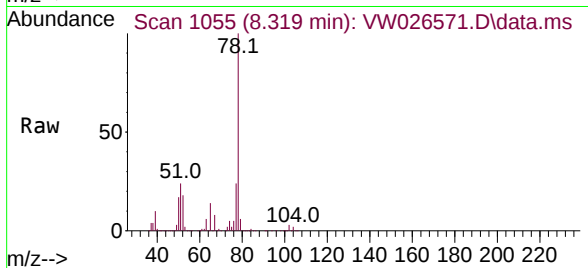
Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

Tgt Ion: 78 Resp: 771637



#34

Trichloroethene

Concen: 23.040 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Tgt Ion: 95 Resp: 197948

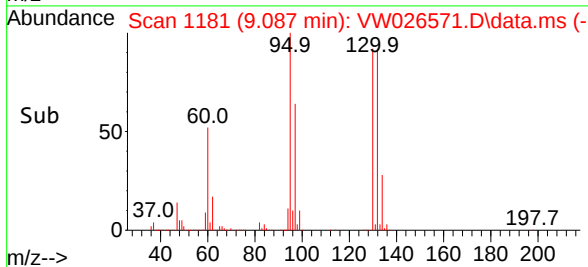
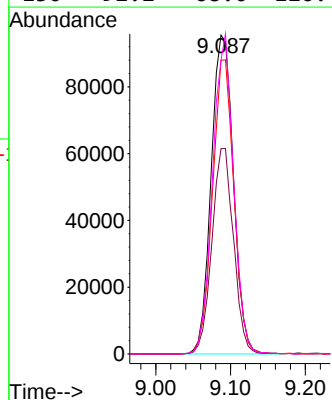
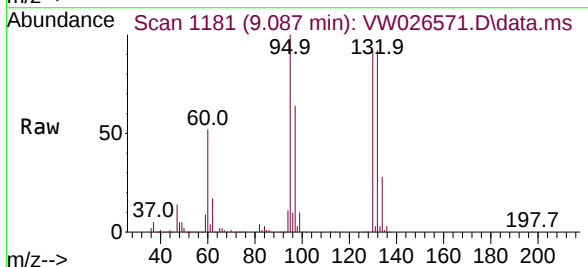
Ion Ratio Lower Upper

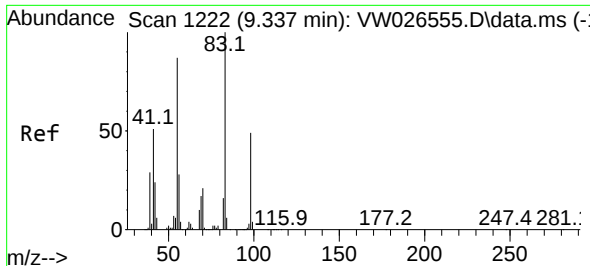
95 100

97 64.4 45.1 83.7

132 92.2 63.2 117.4

130 92.2 68.0 126.4

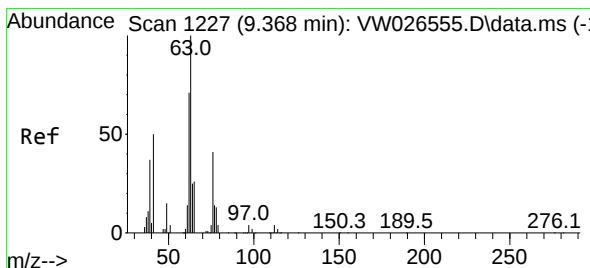
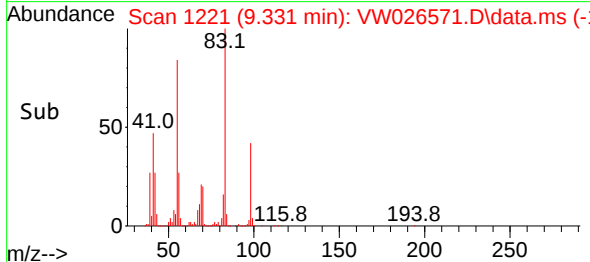
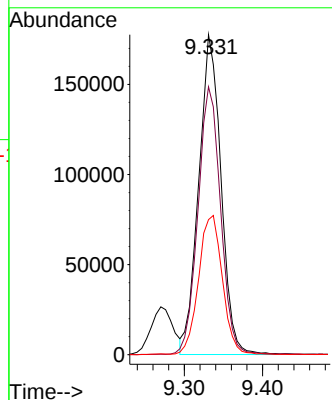
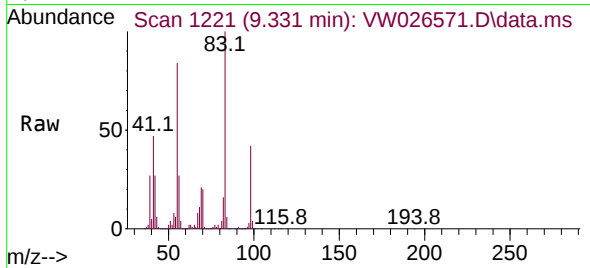




#35
Methylcyclohexane
Concen: 23.908 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

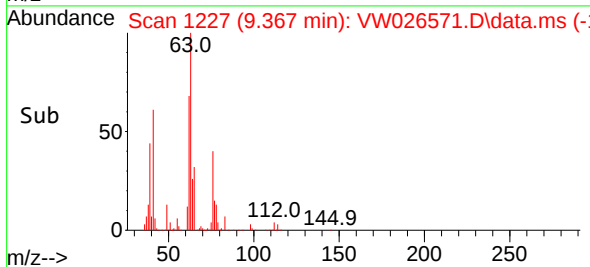
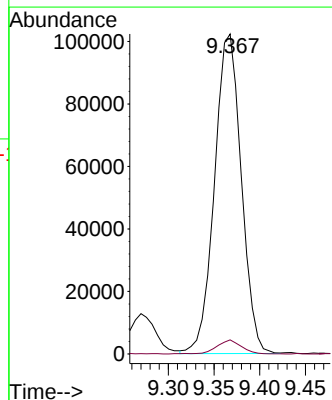
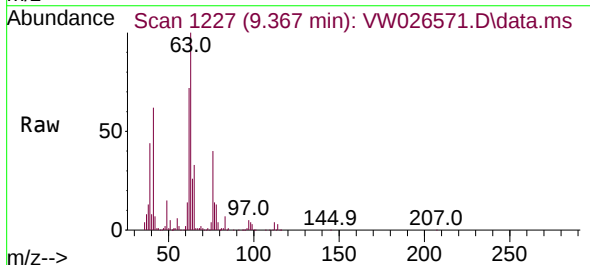
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

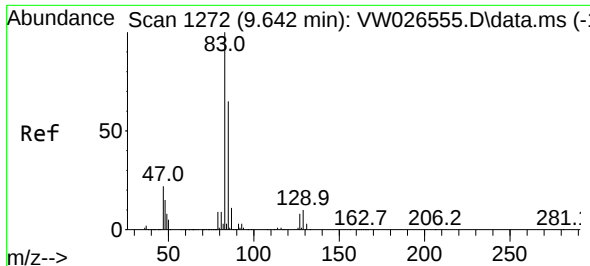
Tgt Ion: 83 Resp: 350843
Ion Ratio Lower Upper
83 100
55 85.4 67.5 101.3
98 46.7 37.3 55.9



#37
1,2-Dichloropropane
Concen: 22.588 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 63 Resp: 208442
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

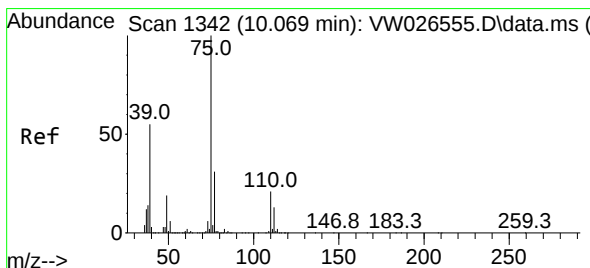
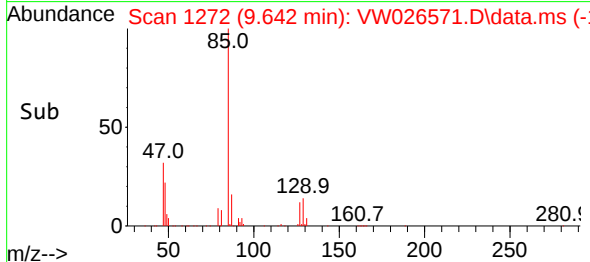
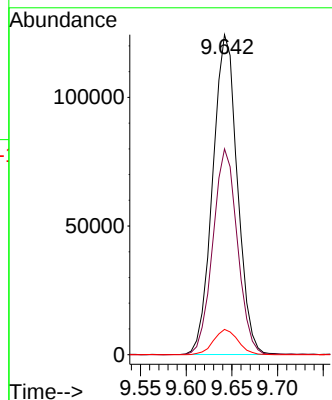
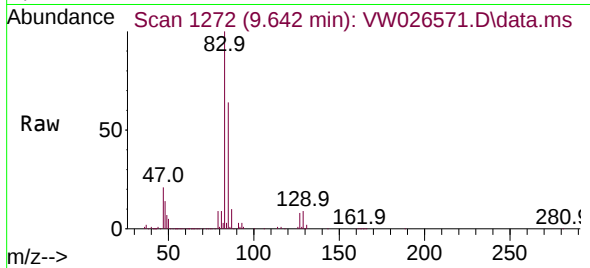




#38
Bromodichloromethane
Concen: 21.401 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

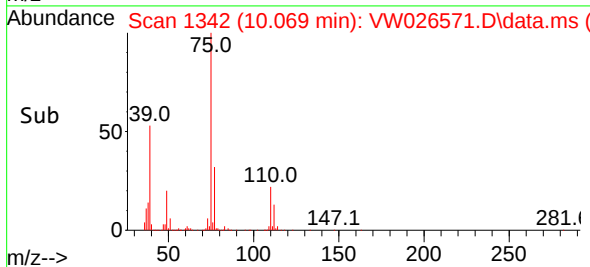
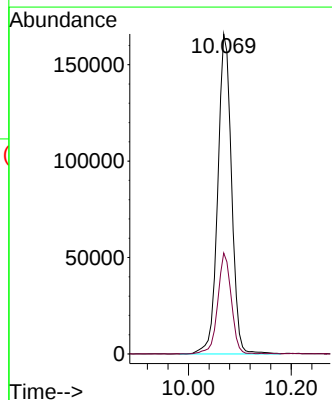
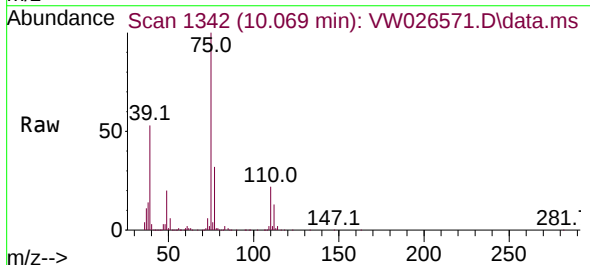
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

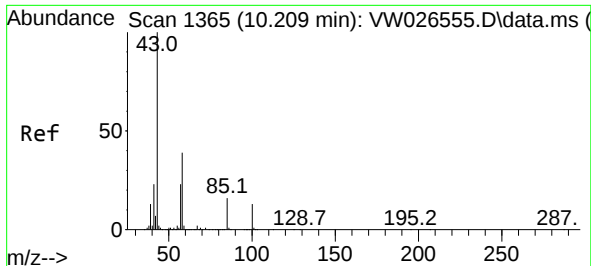
Tgt Ion: 83 Resp: 233032
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
127 7.9 5.2 7.8#



#39
cis-1,3-Dichloropropene
Concen: 22.677 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 75 Resp: 308565
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.0

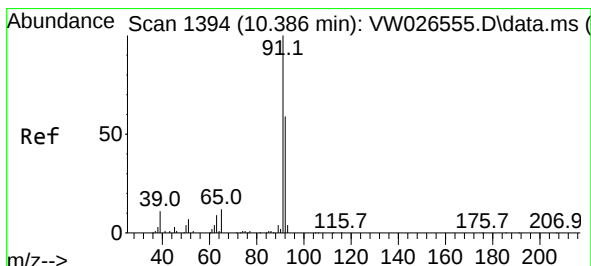
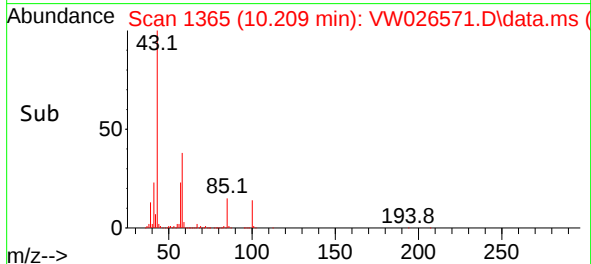
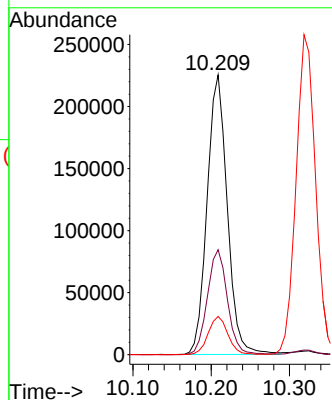
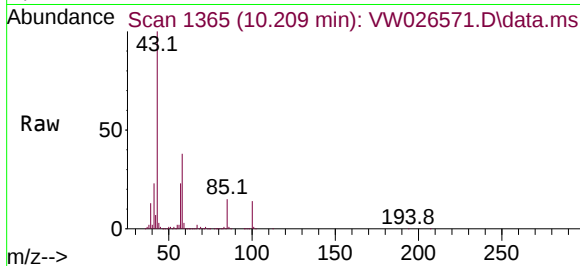




#40
4-Methyl-2-pentanone
Concen: 56.480 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

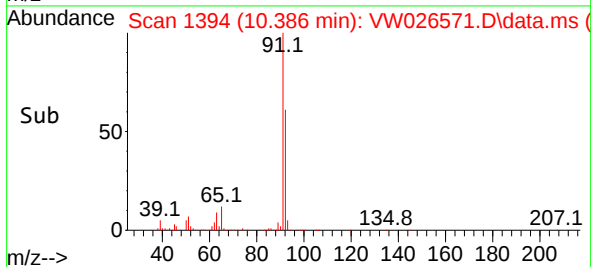
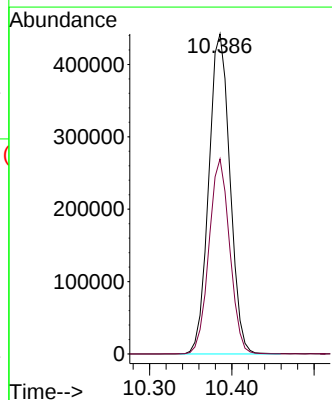
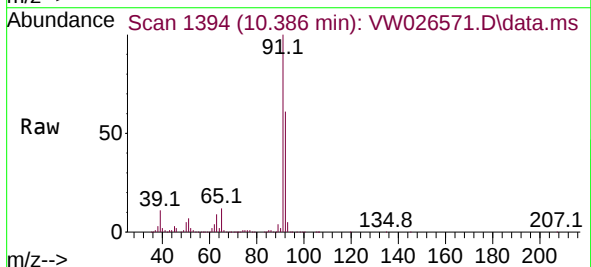
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

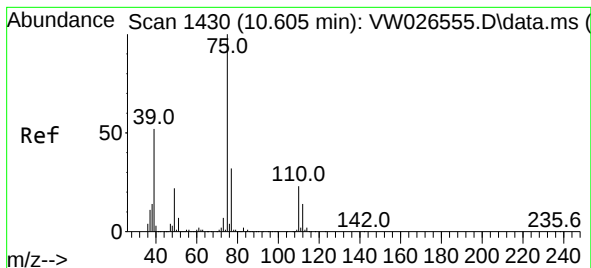
Tgt Ion: 43 Resp: 403305
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.8
100 13.4 10.6 15.8



#42
Toluene
Concen: 23.046 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 91 Resp: 790150
Ion Ratio Lower Upper
91 100
92 60.9 42.4 78.8





#44

trans-1,3-Dichloropropene

Concen: 23.003 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

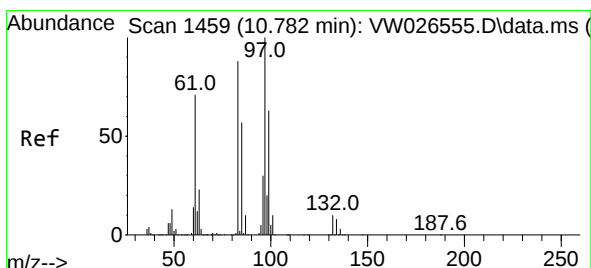
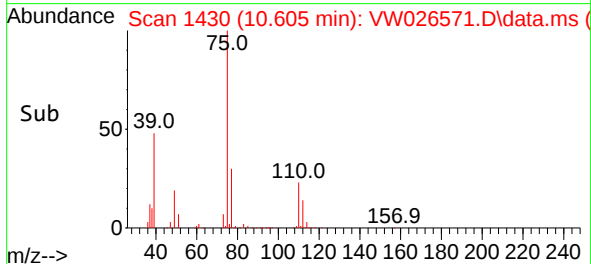
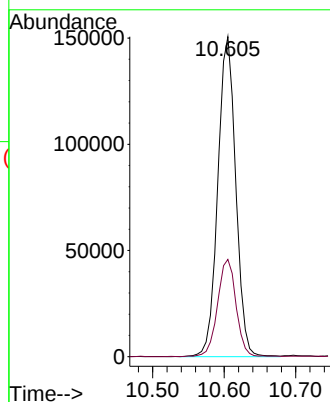
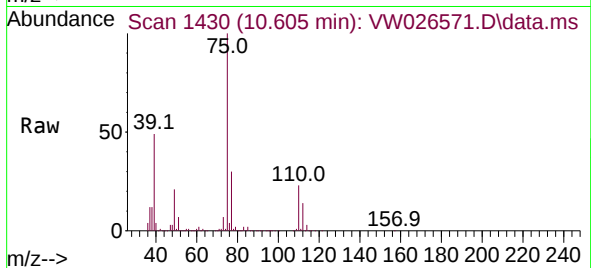
VSTD025553

Tgt Ion: 75 Resp: 262309

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0



#45

1,1,2-Trichloroethane

Concen: 22.328 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Tgt Ion: 97 Resp: 151458

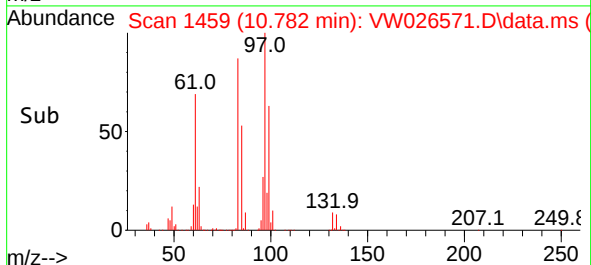
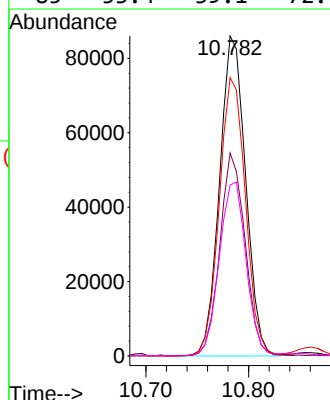
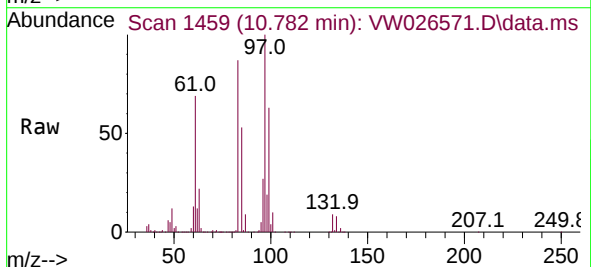
Ion Ratio Lower Upper

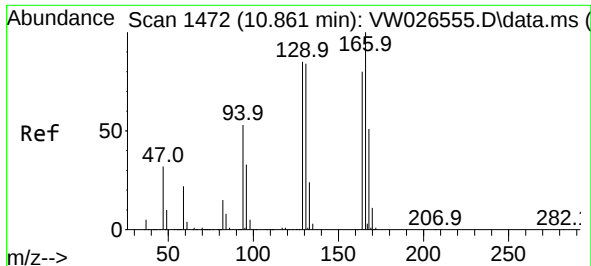
97 100

99 63.4 42.1 78.1

83 87.0 59.9 111.3

85 53.4 39.1 72.7



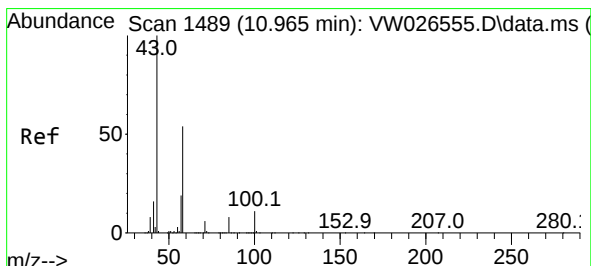
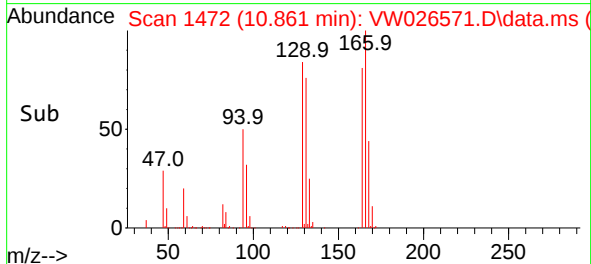
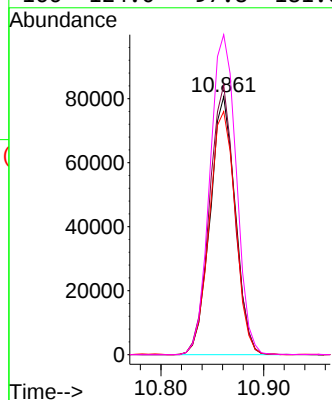
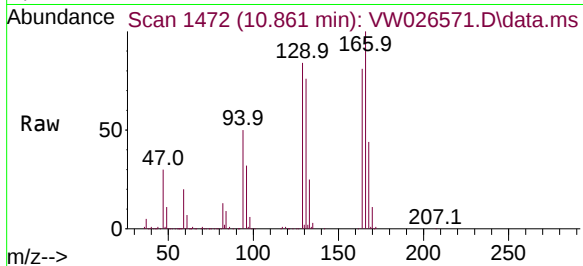


#46
Tetrachloroethene
Concen: 22.742 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Tgt Ion:164 Resp: 137104

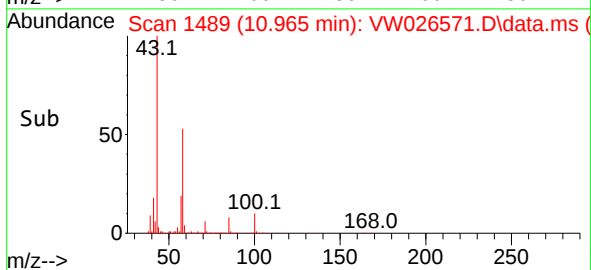
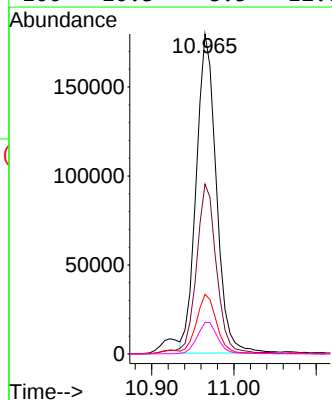
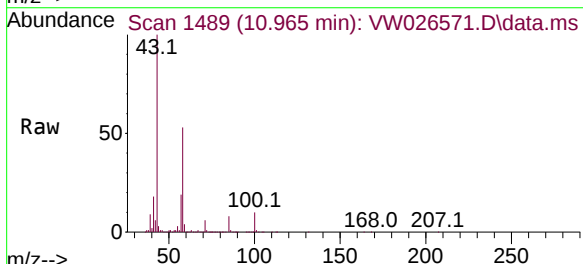
Ion	Ratio	Lower	Upper
164	100		
129	104.5	73.0	135.6
131	94.3	69.2	128.6
166	124.0	97.8	181.6

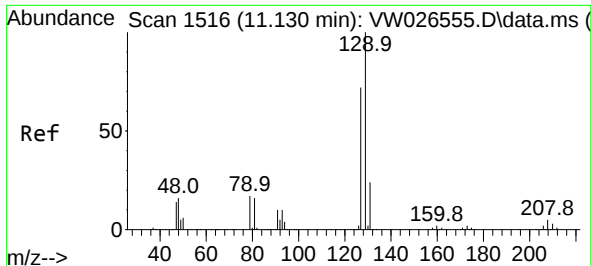


#48
2-Hexanone
Concen: 61.200 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 43 Resp: 304728

Ion	Ratio	Lower	Upper
43	100		
58	53.2	39.9	59.9
57	18.9	14.1	21.1
100	10.3	8.5	12.7





#49

Dibromochloromethane

Concen: 21.614 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

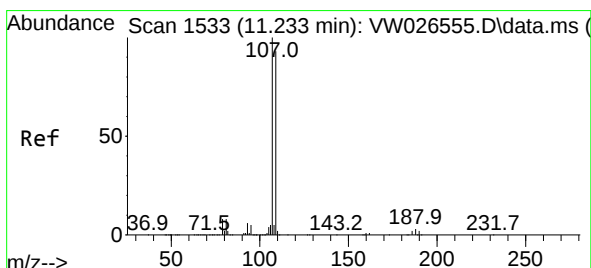
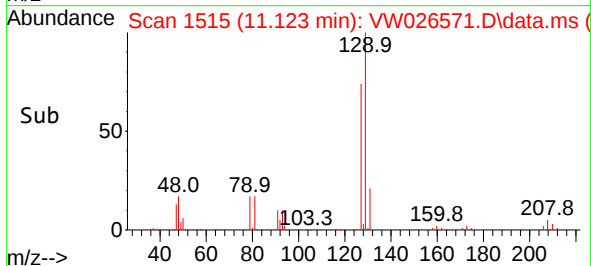
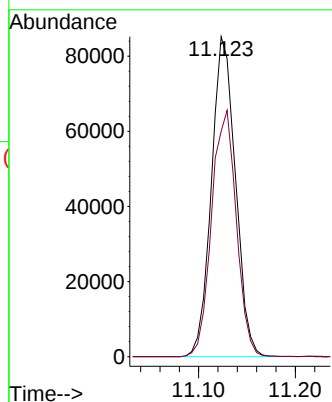
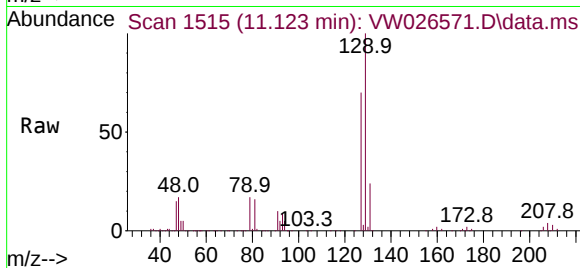
VSTD025553

Tgt Ion:129 Resp: 146897

Ion Ratio Lower Upper

129 100

127 70.4 50.0 93.0



#50

1,2-Dibromoethane

Concen: 23.044 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

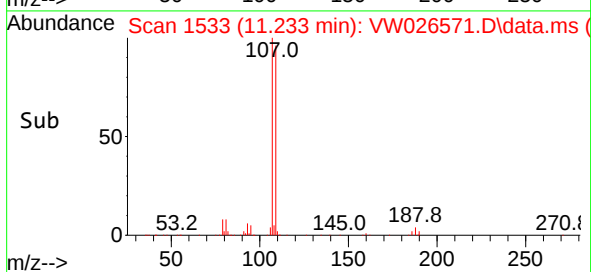
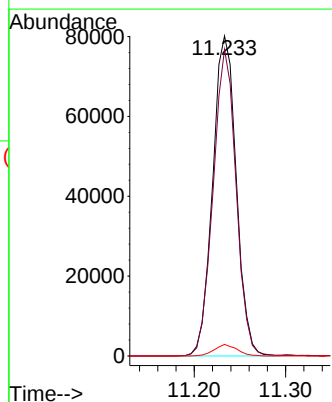
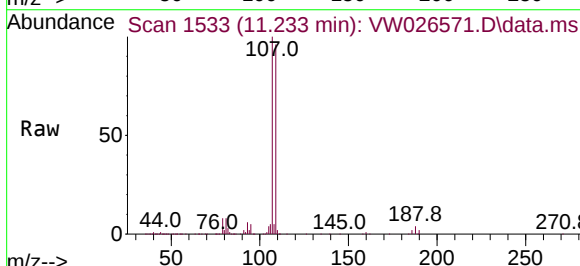
Tgt Ion:107 Resp: 143355

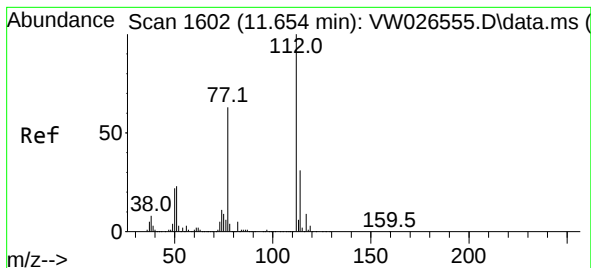
Ion Ratio Lower Upper

107 100

109 95.8 67.7 125.7

188 3.6 2.7 4.1





#51

Chlorobenzene

Concen: 21.538 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

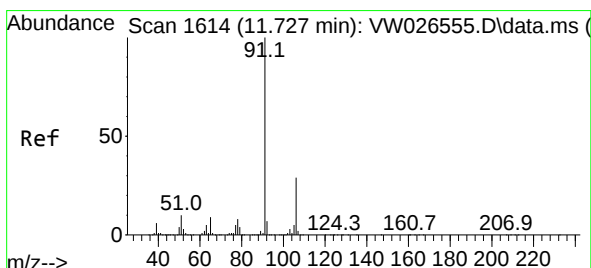
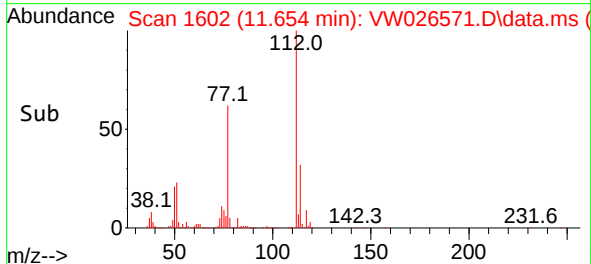
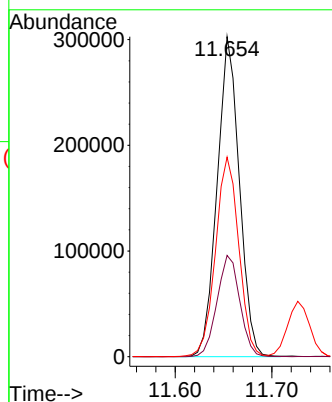
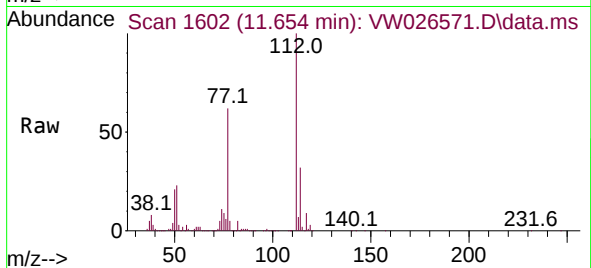
Tgt Ion:112 Resp: 482661

Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 62.4 53.4 80.2



#52

Ethylbenzene

Concen: 22.110 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW026571.D

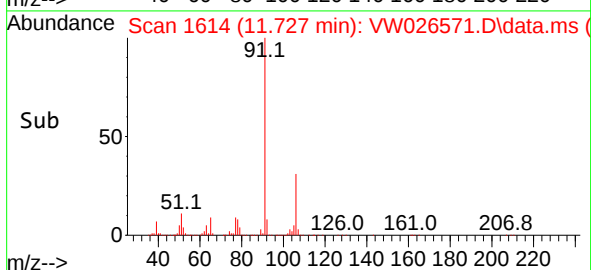
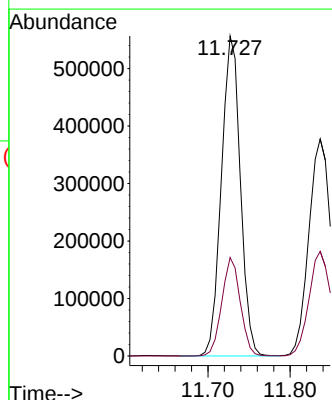
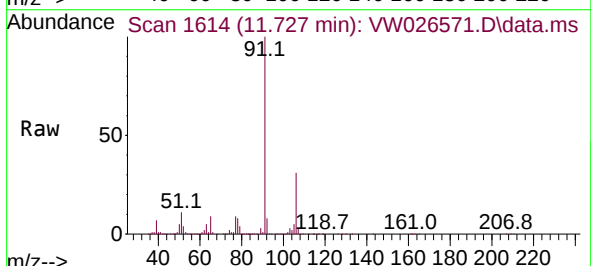
Acq: 07 Jul 2023 16:32

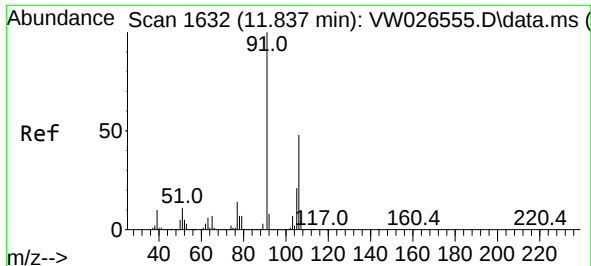
Tgt Ion: 91 Resp: 895153

Ion Ratio Lower Upper

91 100

106 30.7 20.7 38.5

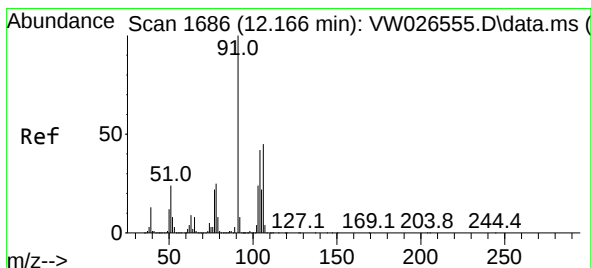
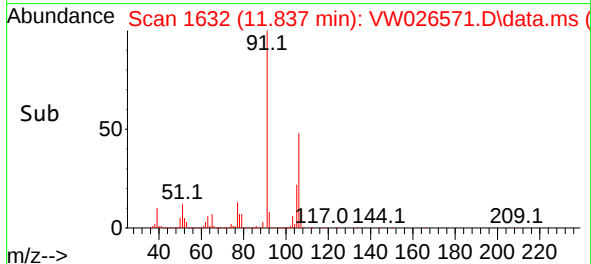
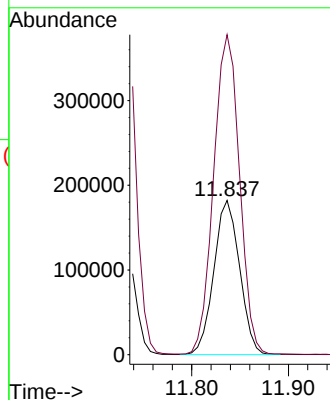
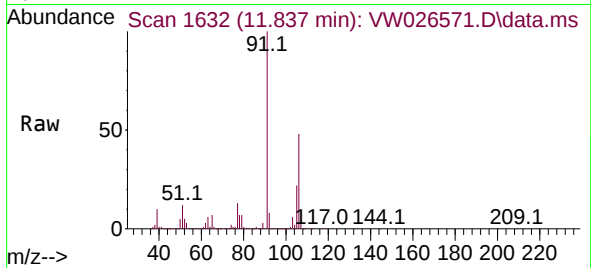




#53
m,p-Xylene
Concen: 22.751 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

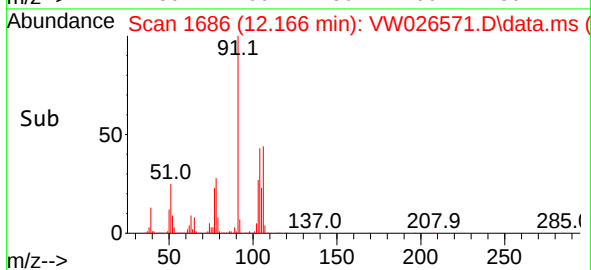
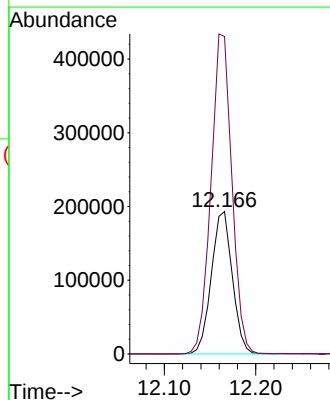
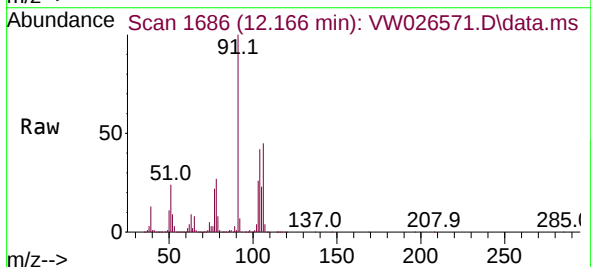
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

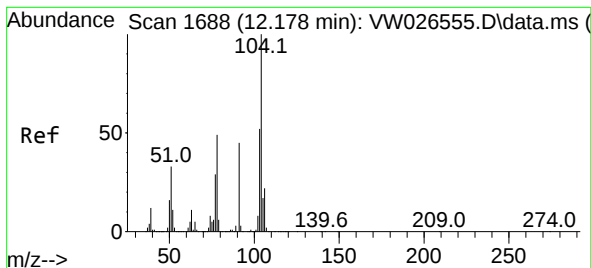
Tgt Ion:106 Resp: 336804
Ion Ratio Lower Upper
106 100
91 207.5 152.7 283.7



#54
o-Xylene
Concen: 21.455 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:106 Resp: 307731
Ion Ratio Lower Upper
106 100
91 223.0 151.8 282.0





#55

Styrene

Concen: 22.430 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

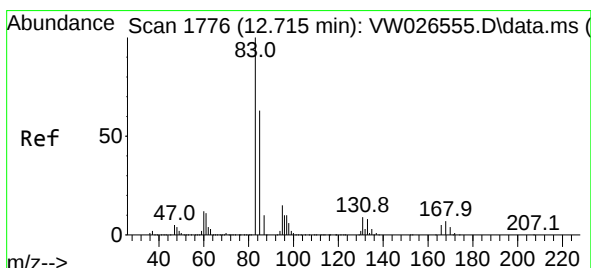
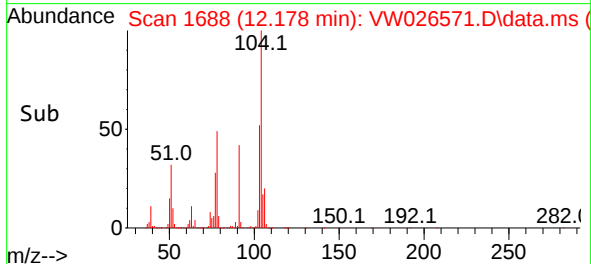
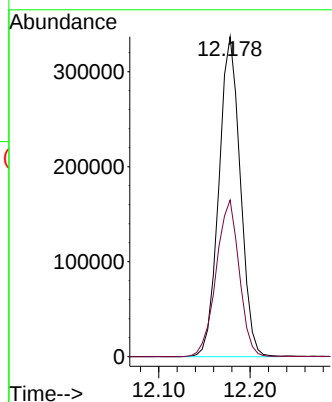
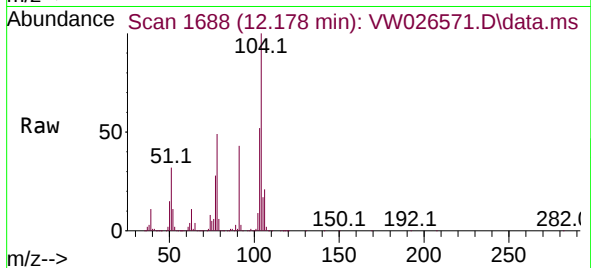
VSTD025553

Tgt Ion:104 Resp: 550176

Ion Ratio Lower Upper

104 100

78 48.9 35.6 66.2



#57

1,1,2,2-Tetrachloroethane

Concen: 24.238 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

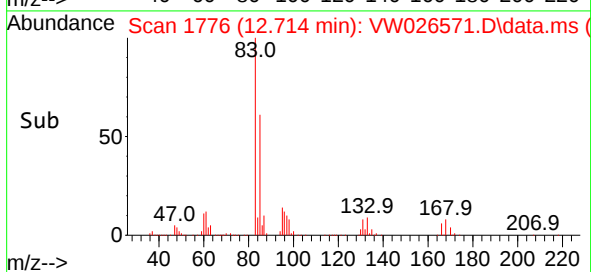
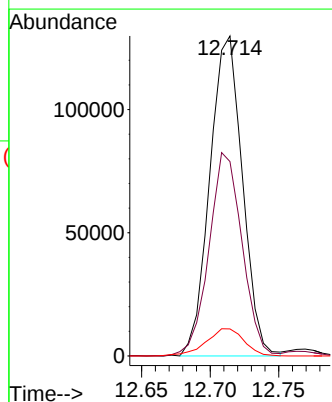
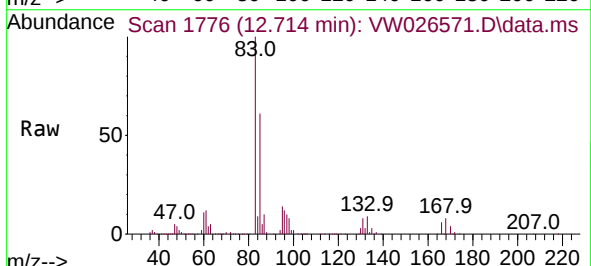
Tgt Ion: 83 Resp: 215253

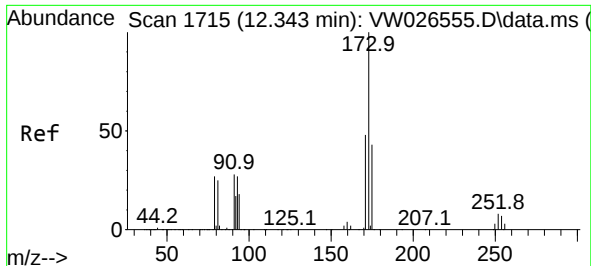
Ion Ratio Lower Upper

83 100

85 60.7 44.4 82.5

131 8.4 7.2 10.8

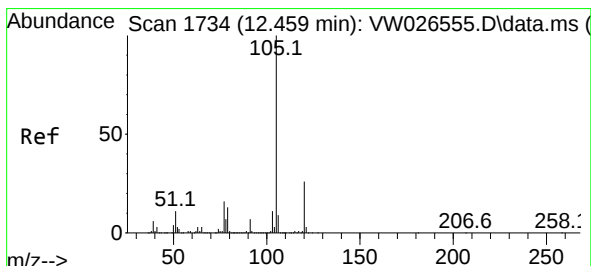
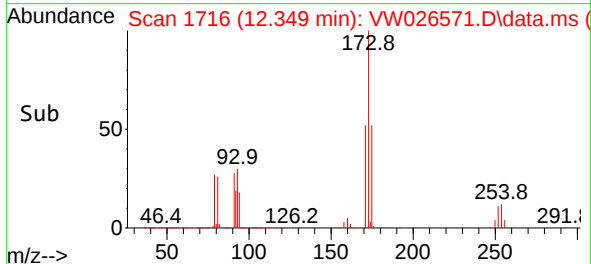
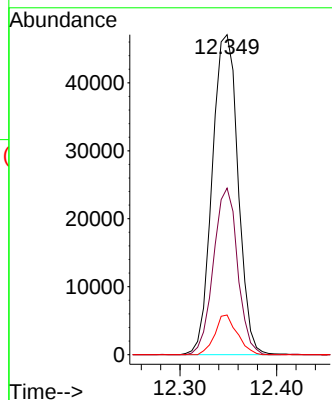
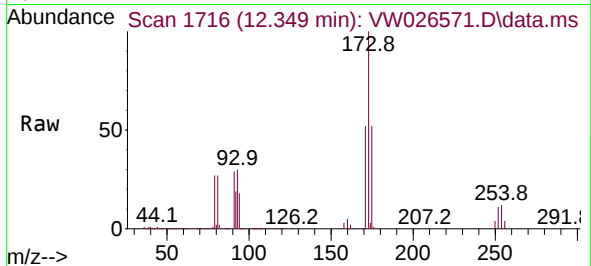




#59
Bromoform
Concen: 21.873 ug/L
RT: 12.349 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

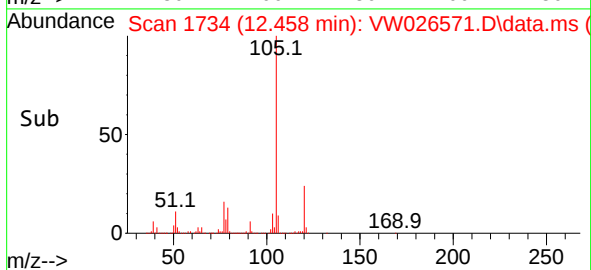
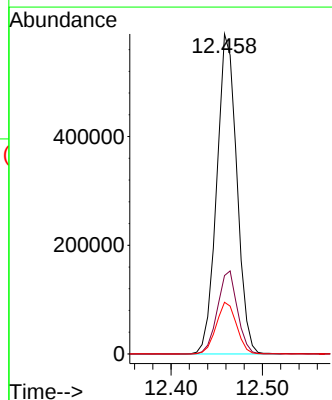
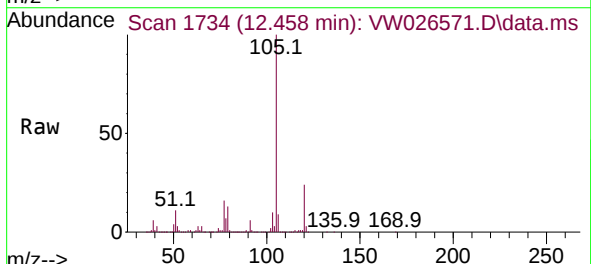
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

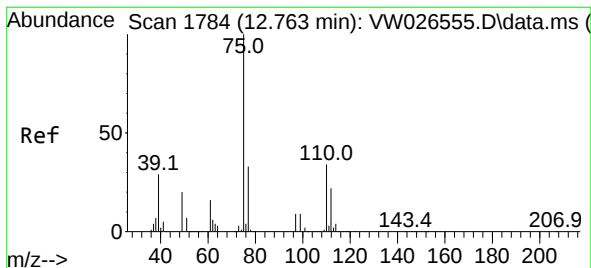
Tgt Ion:173 Resp: 87314
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 10.7 7.0 10.6#



#60
Isopropylbenzene
Concen: 22.991 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:105 Resp: 897374
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 16.4 13.4 20.0

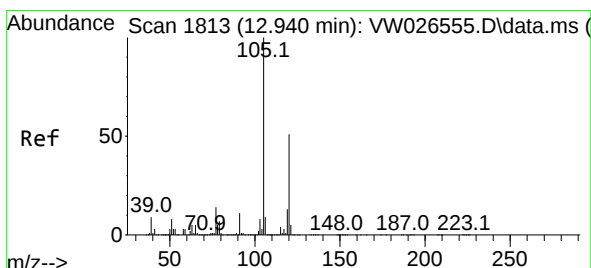
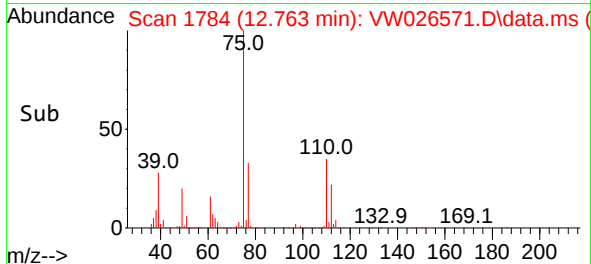
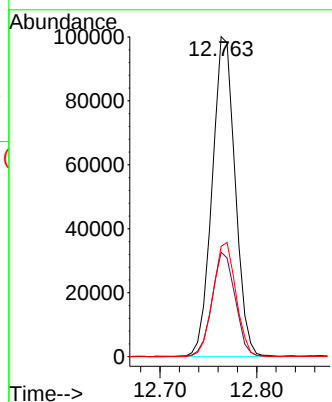
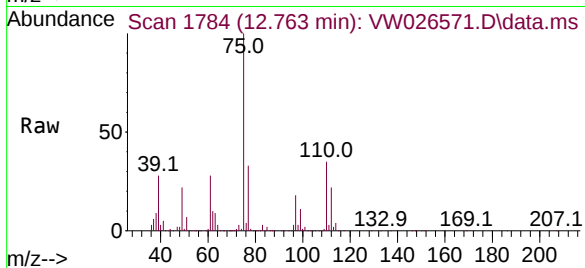




#61
1,2,3-Trichloropropane
Concen: 24.957 ug/L
RT: 12.763 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

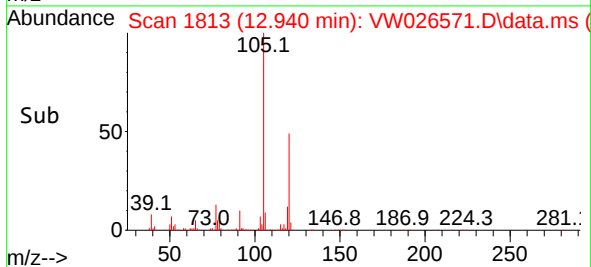
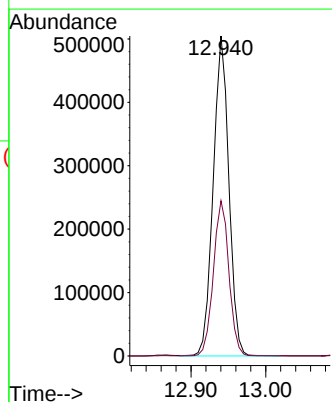
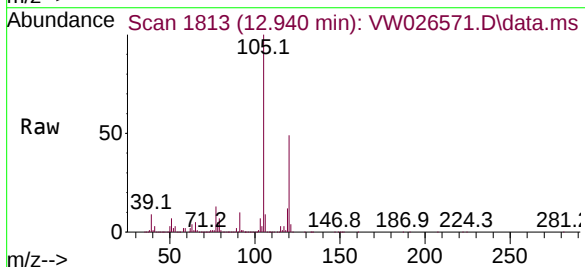
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

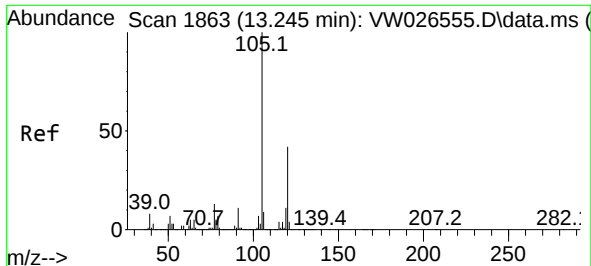
Tgt Ion: 75 Resp: 165463
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7
110 35.7 28.3 42.5



#62
1,3,5-Trimethylbenzene
Concen: 22.914 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion: 105 Resp: 737411
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0

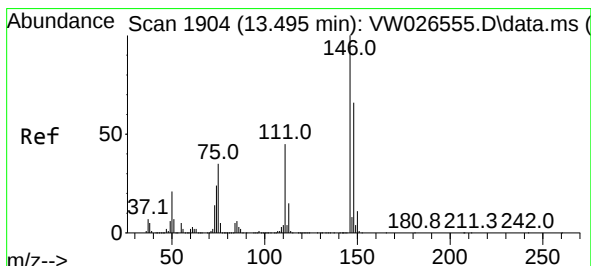
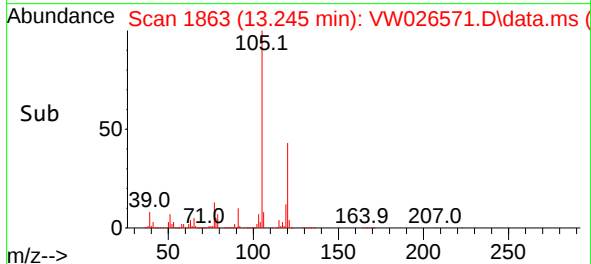
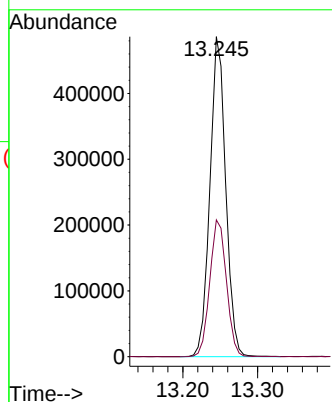
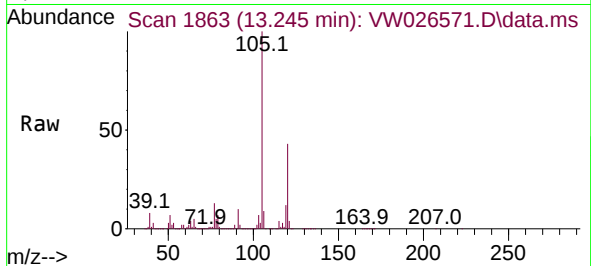




#63
1,2,4-Trimethylbenzene
Concen: 23.092 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

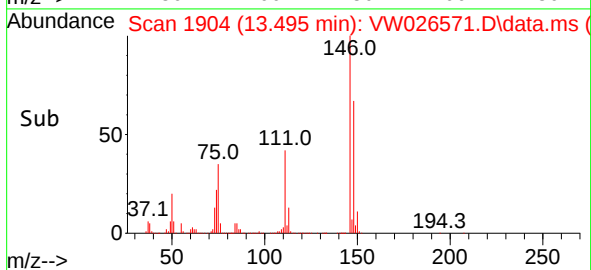
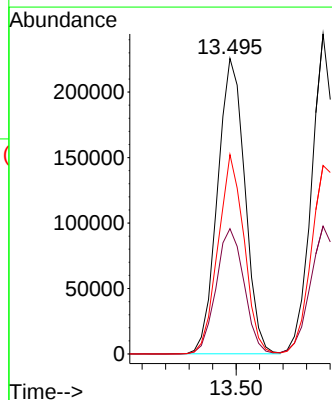
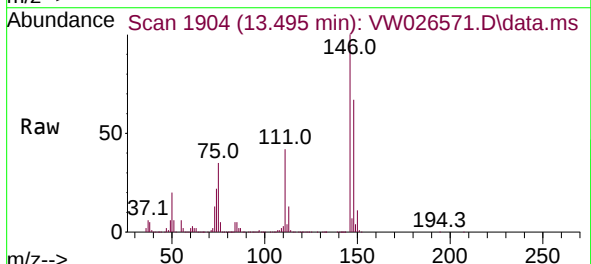
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

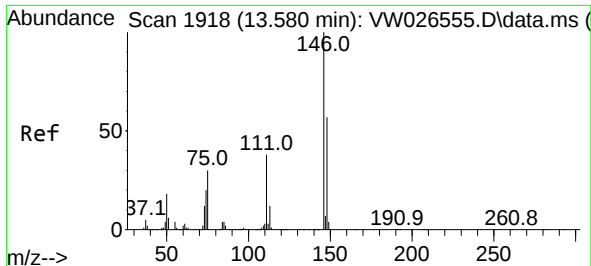
Tgt Ion:105 Resp: 714856
Ion Ratio Lower Upper
105 100
120 44.9 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 21.976 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:146 Resp: 364926
Ion Ratio Lower Upper
146 100
111 42.4 32.7 60.7
148 67.5 47.0 87.2

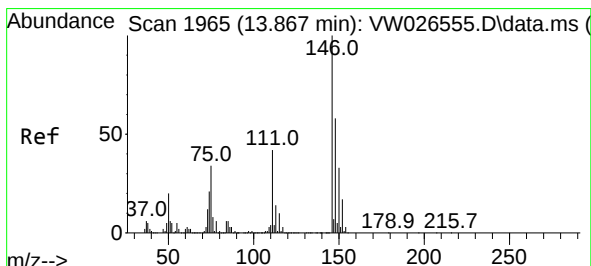
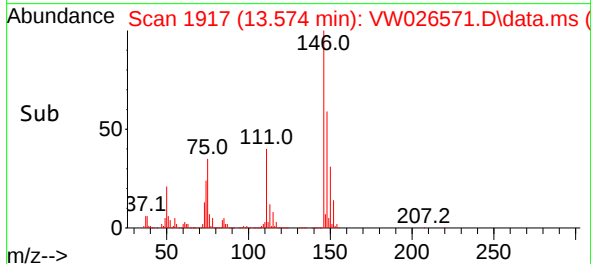
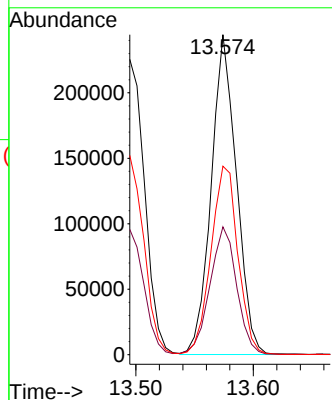
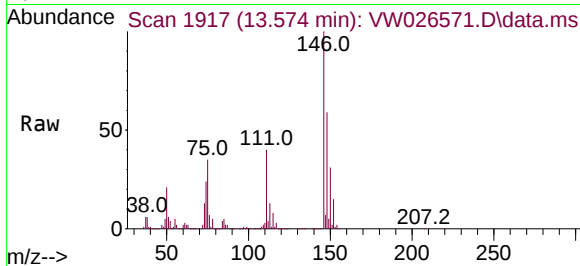




#65
1,4-Dichlorobenzene
Concen: 22.066 ug/L
RT: 13.574 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

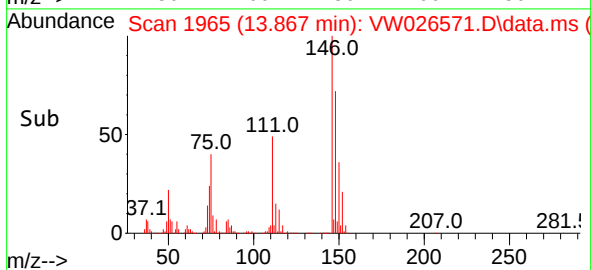
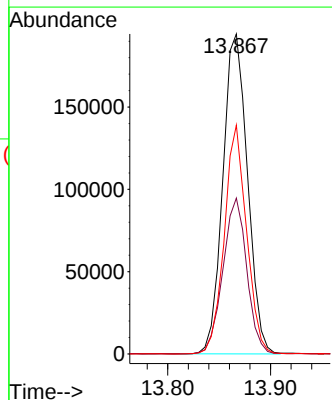
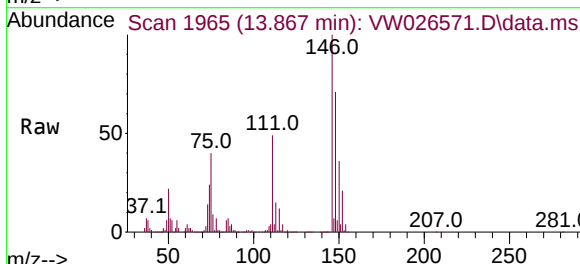
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

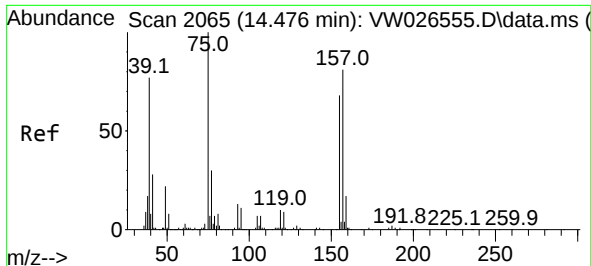
Tgt Ion:146 Resp: 365364
Ion Ratio Lower Upper
146 100
111 39.9 30.2 56.0
148 58.9 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 20.689 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:146 Resp: 323641
Ion Ratio Lower Upper
146 100
111 48.7 36.6 55.0
148 71.5 55.1 82.7





#68

1,2-Dibromo-3-chloropropane

Concen: 24.644 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

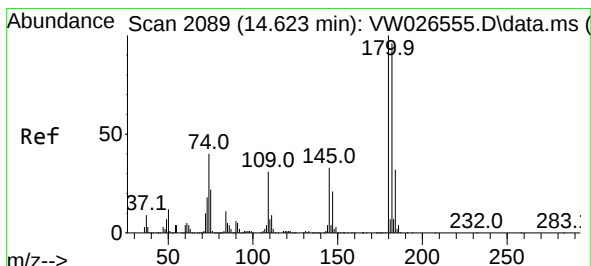
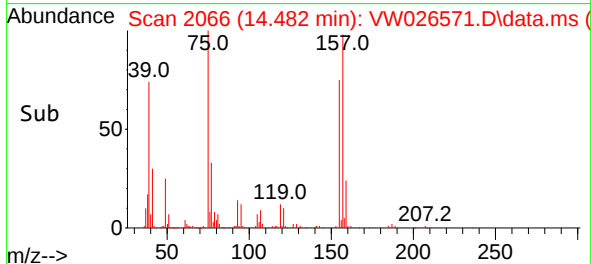
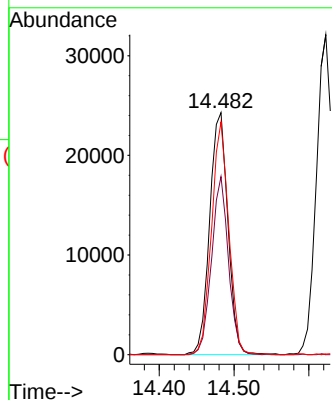
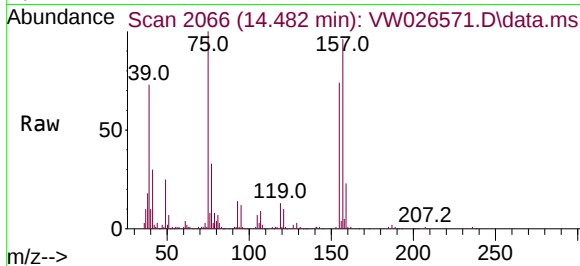
Tgt Ion: 75 Resp: 41203

Ion Ratio Lower Upper

75 100

155 73.6 57.3 85.9

157 96.2 76.9 115.3



#69

1,3,5-Trichlorobenzene

Concen: 22.968 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026571.D

Acq: 07 Jul 2023 16:32

Tgt Ion:180 Resp: 253696

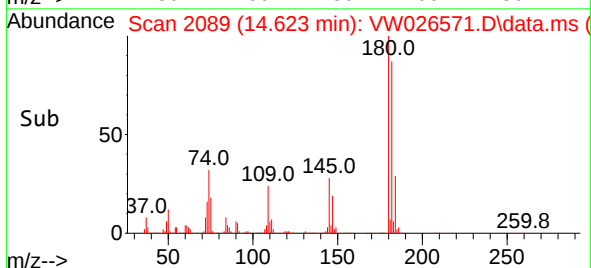
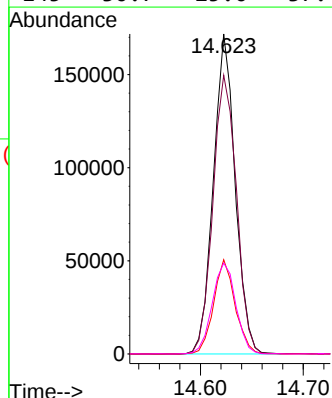
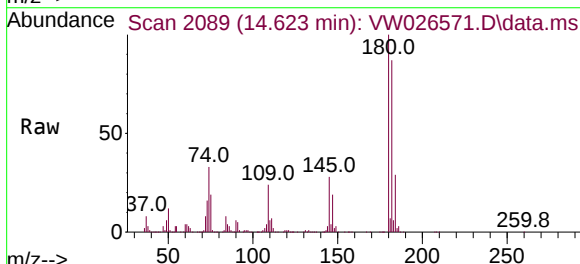
Ion Ratio Lower Upper

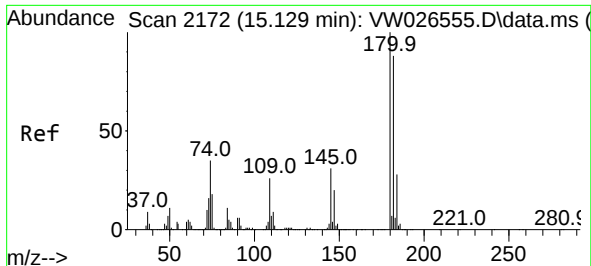
180 100

182 93.8 75.5 113.3

184 29.1 23.8 35.8

145 30.7 25.0 37.4

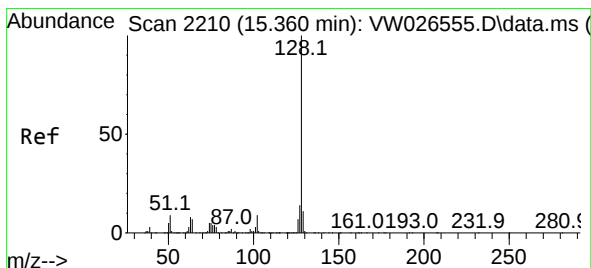
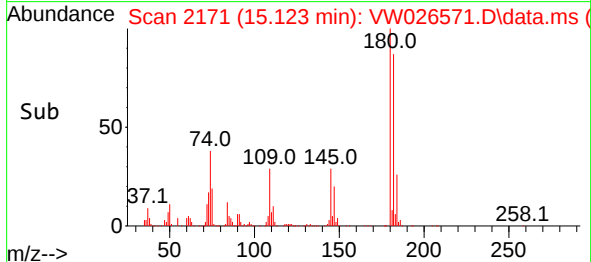
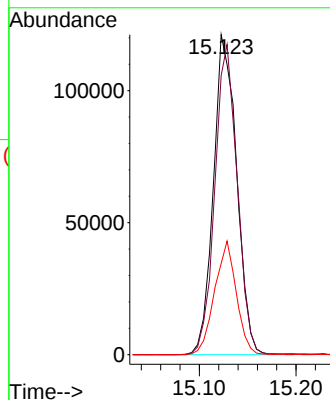
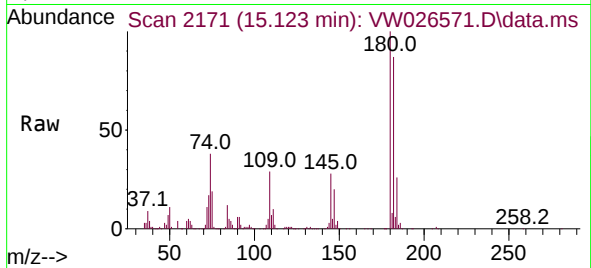




#70
1,2,4-trichlorobenzene
Concen: 22.413 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

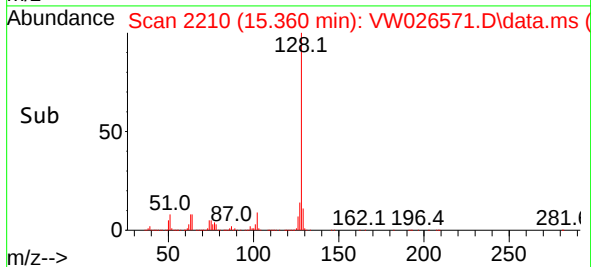
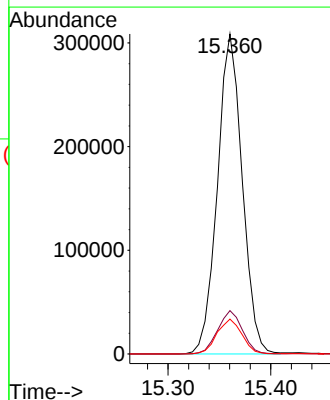
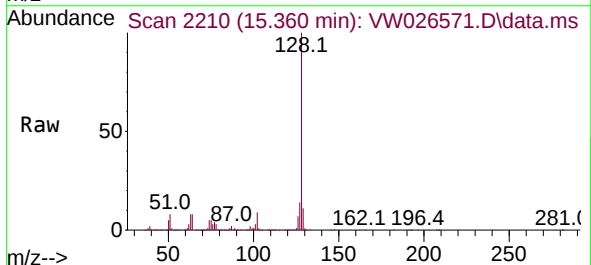
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

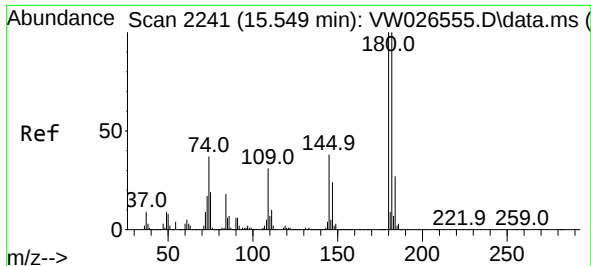
Tgt Ion:180 Resp: 201954
Ion Ratio Lower Upper
180 100
182 93.5 74.5 111.7
145 33.3 25.9 38.9



#71
Naphthalene
Concen: 25.669 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026571.D
Acq: 07 Jul 2023 16:32

Tgt Ion:128 Resp: 517615
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 24.452 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026571.D
 Acq: 07 Jul 2023 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.3	112.9
145	33.4	29.0	43.6

