

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061223\
 Data File : VW026173.D
 Acq On : 12 Jun 2023 09:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Quant Time: Jun 13 01:15:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 22:52:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	819846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	260255	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.893	69	225284	26.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.360%
11) 1,1-Dichloroethene-d2	4.021	65	129234	22.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.880%
21) 2-Butanone-d5	7.075	46	191202	56.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.880%
24) Chloroform-d	7.648	84	576215	24.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.307	65	321917	24.521	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.270	84	1116414	23.315	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.270	67	358147	23.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.440%
41) Toluene-d8	10.318	98	984312	23.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	140909	23.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.922	63	136272	56.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	284692	25.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	295249	21.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	296704	23.024	ug/L	96
5) Vinyl chloride	2.375	62	334530	24.286	ug/L	100
6) Bromomethane	2.783	94	182994	24.369	ug/L	94
8) Chloroethane	2.930	64	202715	27.233	ug/L	97
9) Trichlorofluoromethane	3.265	101	226104	25.514	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264606	23.663	ug/L	97
12) 1,1-Dichloroethene	4.045	96	249523	23.904	ug/L	87
13) Acetone	4.118	43	178833	68.830	ug/L	97
14) Carbon disulfide	4.393	76	802664	21.783	ug/L	99
15) Methyl Acetate	4.667	43	148644	25.491	ug/L	99
16) Methylene chloride	4.917	84	276275	21.113	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	266155	22.726	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	449432	24.349	ug/L	99
19) 1,1-Dichloroethane	6.216	63	554667	23.263	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	291146	23.469	ug/L	99
22) 2-Butanone	7.167	43	223661	60.347	ug/L	99
23) Bromochloromethane	7.514	128	118674	22.431	ug/L	89
25) Chloroform	7.673	83	524045	23.598	ug/L	97
27) 1,2-Dichloroethane	8.398	62	376912	24.609	ug/L	98

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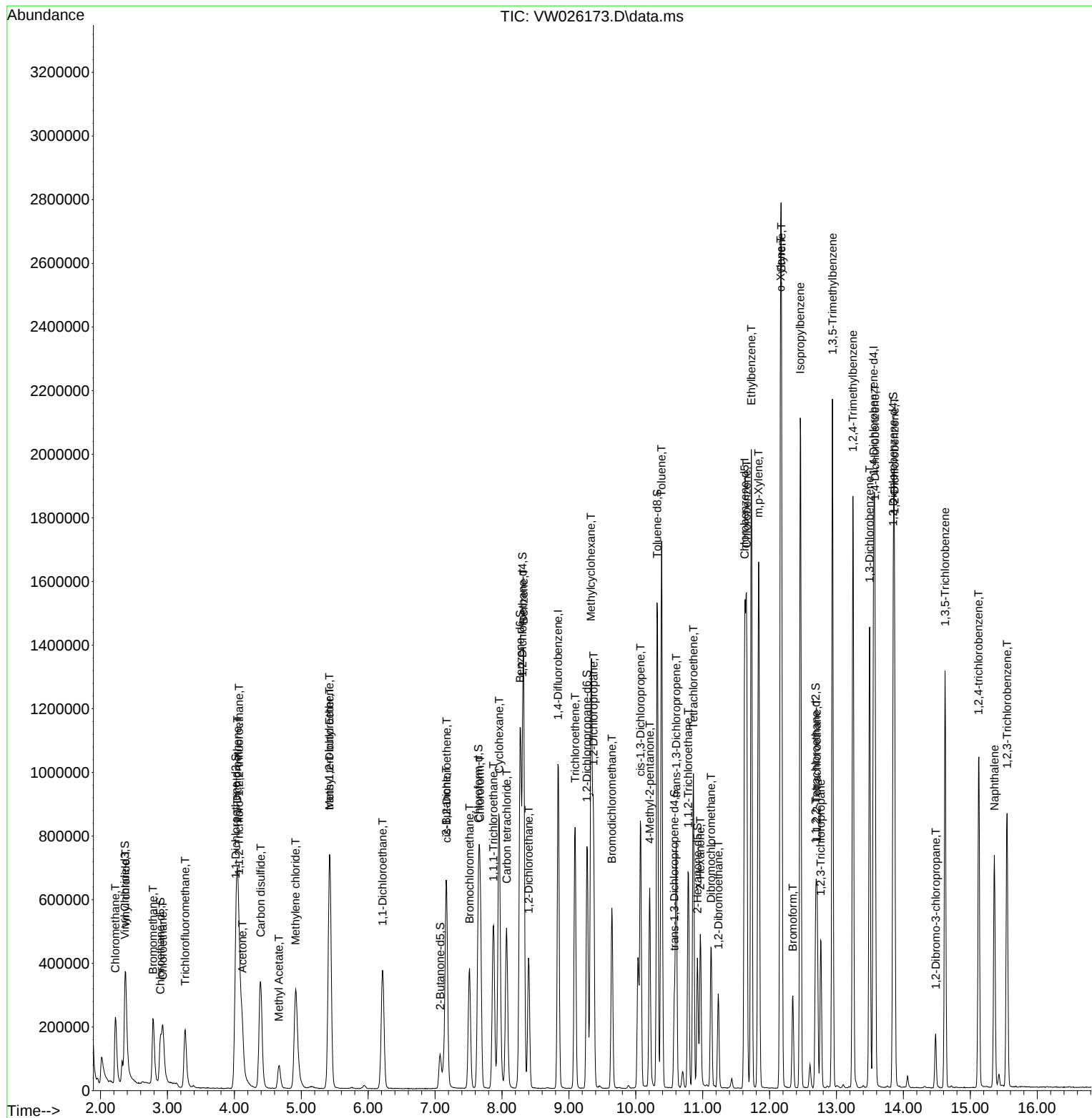
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	514826	23.433	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	419115	24.270	ug/L	99
31) Carbon tetrachloride	8.069	117	377062	23.927	ug/L	99
33) Benzene	8.325	78	1133782	23.258	ug/L	100
34) Trichloroethene	9.093	95	293344	23.500	ug/L	93
35) Methylcyclohexane	9.331	83	522174	23.641	ug/L	100
37) 1,2-Dichloropropane	9.367	63	307972	23.325	ug/L	100
38) Bromodichloromethane	9.642	83	371730	24.233	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	479155	24.694	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	430453	55.296	ug/L	100
42) Toluene	10.386	91	1184977	23.766	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	404671	25.034	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	210188	24.154	ug/L	96
46) Tetrachloroethene	10.861	164	200506	22.710	ug/L	95
48) 2-Hexanone	10.965	43	313184	57.059	ug/L	99
49) Dibromochloromethane	11.123	129	228240	25.016	ug/L	93
50) 1,2-Dibromoethane	11.233	107	195057	24.208	ug/L	98
51) Chlorobenzene	11.654	112	741155	23.721	ug/L	98
52) Ethylbenzene	11.727	91	1350716	24.015	ug/L	98
53) m,p-Xylene	11.836	106	500887	23.938	ug/L	98
54) o-Xylene	12.166	106	473436	23.973	ug/L	95
55) Styrene	12.178	104	810041	23.908	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	260833	24.767	ug/L	98
59) Bromoform	12.349	173	127207	23.465	ug/L	99
60) Isopropylbenzene	12.458	105	1323259	23.338	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194413	24.046	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1079527	23.950	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	974629	23.608	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	536747	22.514	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	526165	21.922	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	483626	22.590	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	45002	24.025	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	346983	21.188	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	307816	22.779	ug/L	96
71) Naphthalene	15.360	128	587968	24.413	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	257118	21.771	ug/L	97

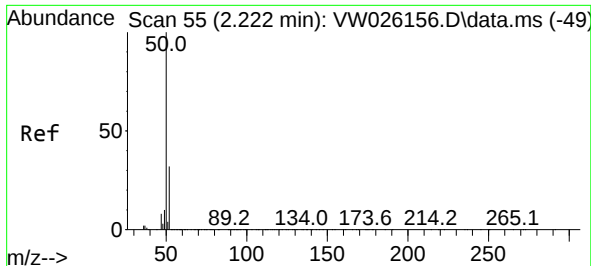
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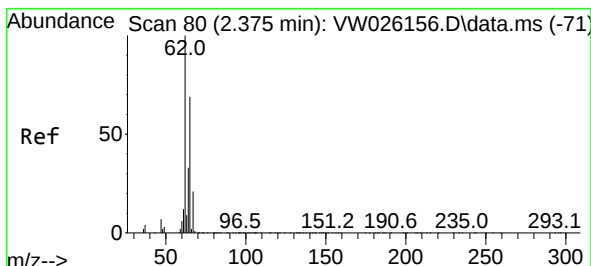
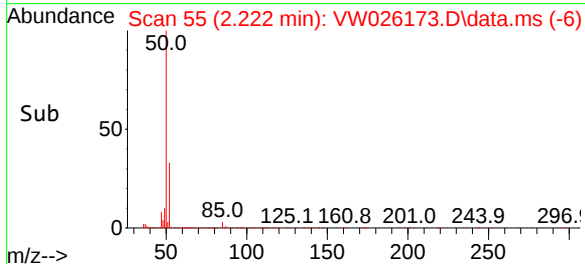
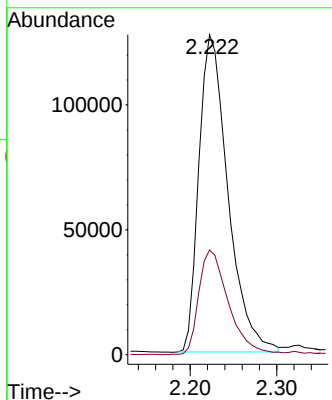
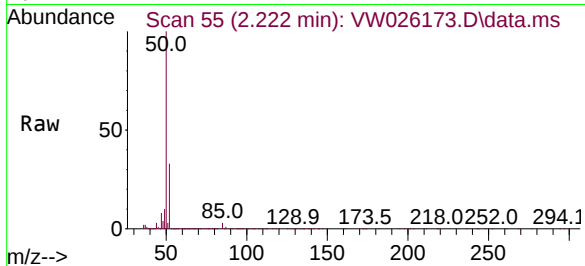




#3
Chloromethane
Concen: 23.024 ug/L
RT: 2.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

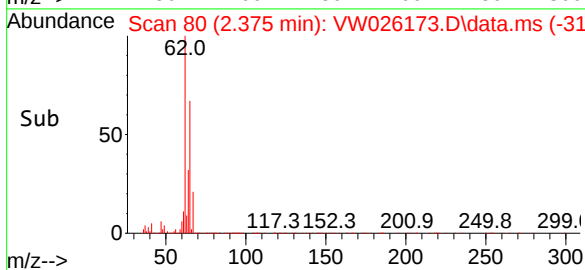
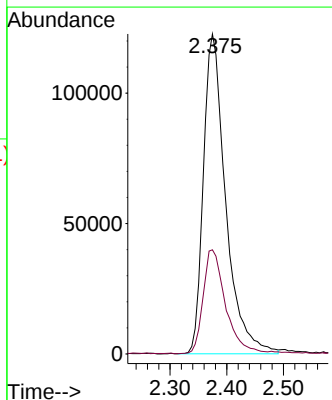
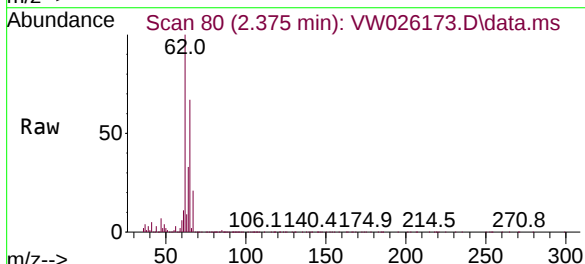
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

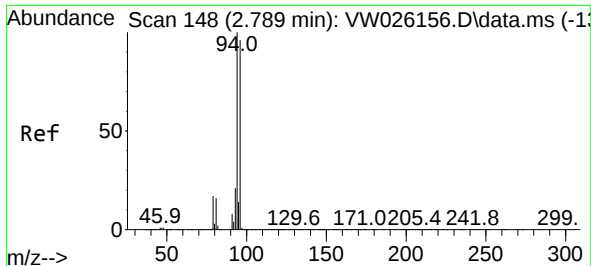
Tgt Ion: 50 Resp: 296704
Ion Ratio Lower Upper
50 100
52 32.7 21.3 39.6



#5
Vinyl chloride
Concen: 24.286 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 62 Resp: 334530
Ion Ratio Lower Upper
62 100
64 32.5 22.7 42.1

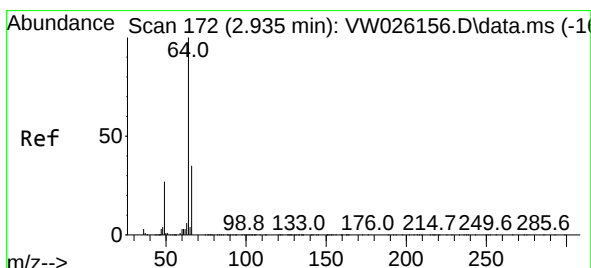
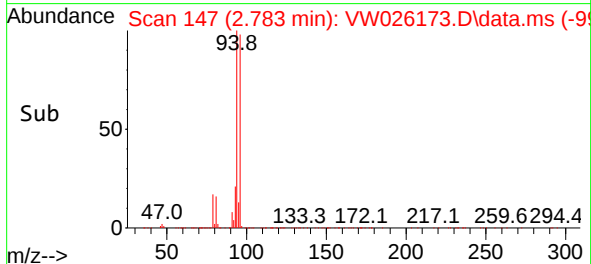
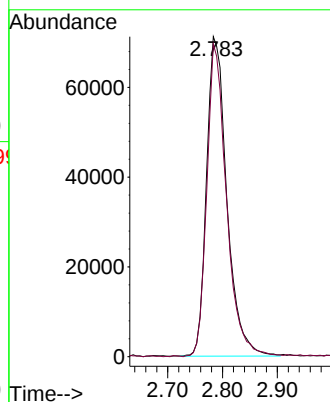
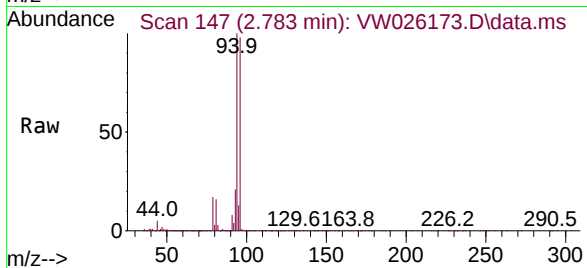




#6
Bromomethane
Concen: 24.369 ug/L
RT: 2.783 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

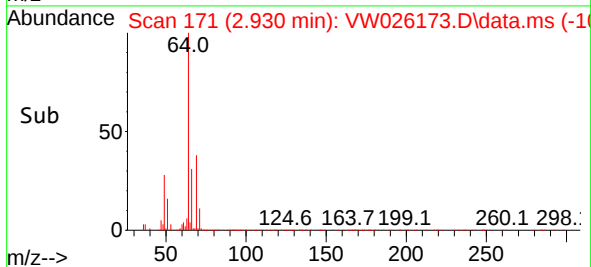
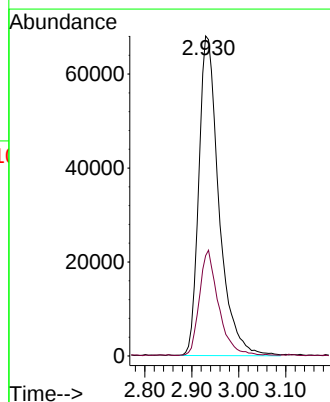
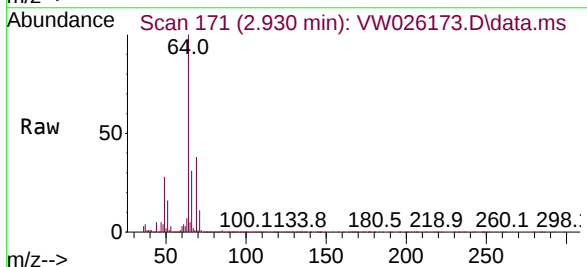
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

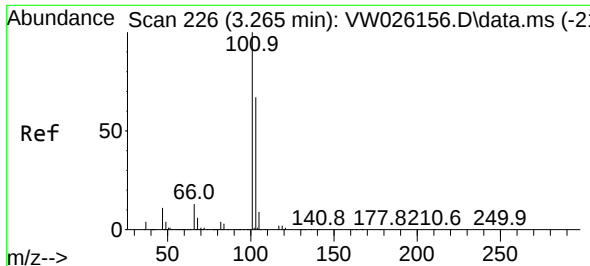
Tgt Ion: 94 Resp: 182994
Ion Ratio Lower Upper
94 100
96 97.8 64.2 119.2



#8
Chloroethane
Concen: 27.233 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 64 Resp: 202715
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2

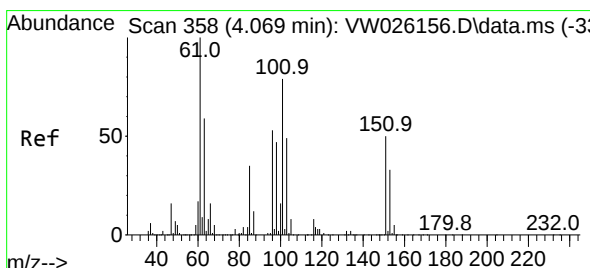
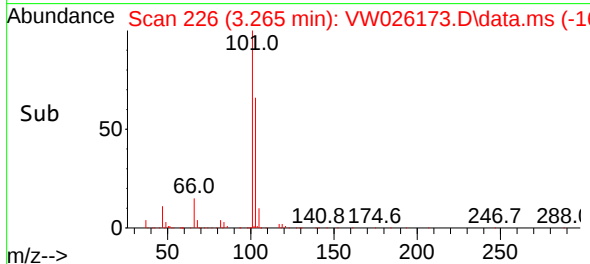
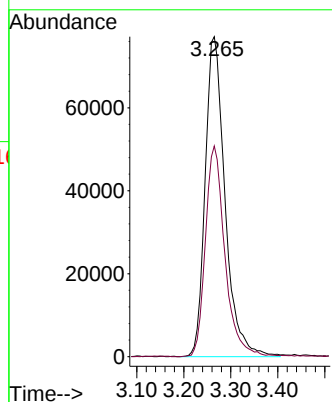
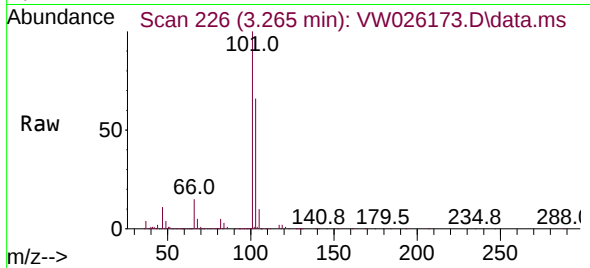




#9
 Trichlorofluoromethane
 Concen: 25.514 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

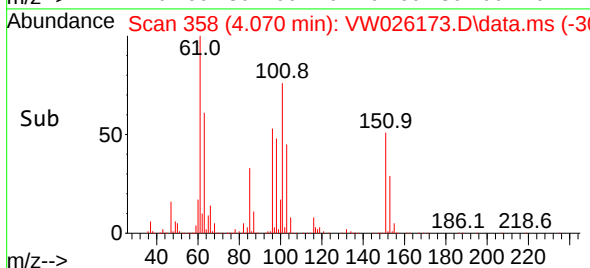
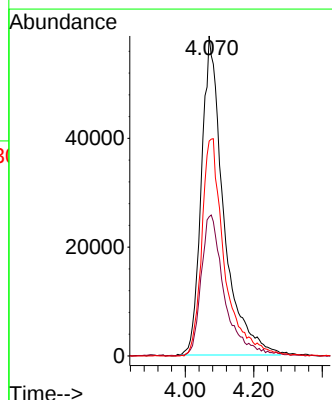
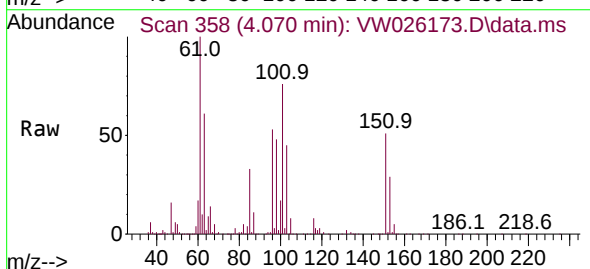
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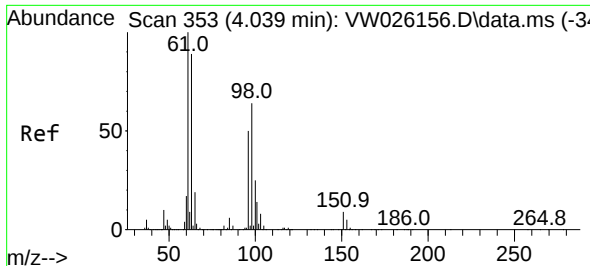
Tgt Ion:101 Resp: 226104
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.663 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

Tgt Ion:101 Resp: 264606
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.1 54.1
 151 65.7 55.1 82.7

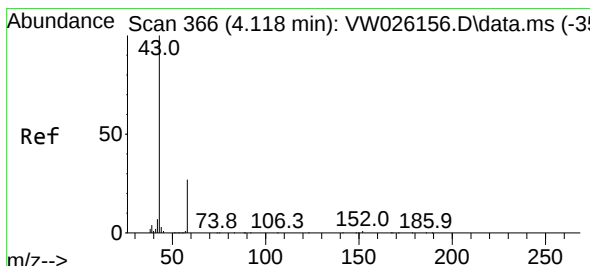
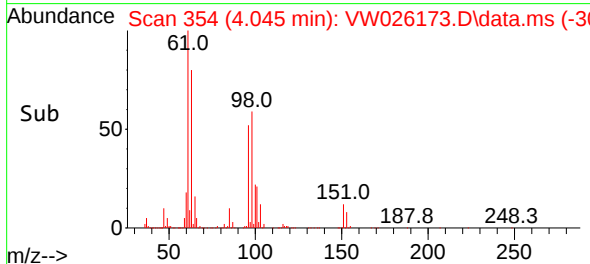
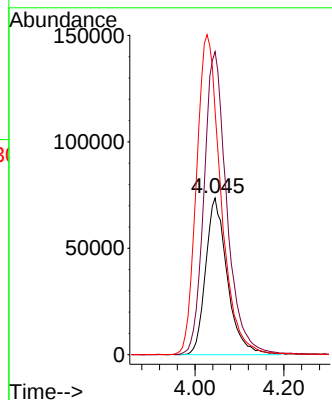
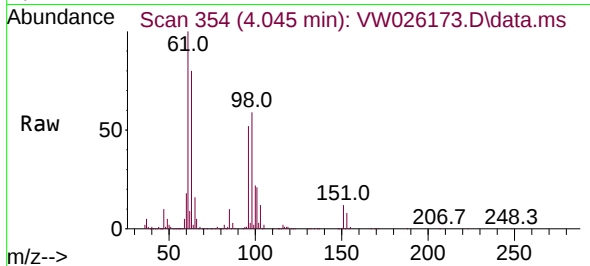




#12
1,1-Dichloroethene
Concen: 23.904 ug/L
RT: 4.045 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

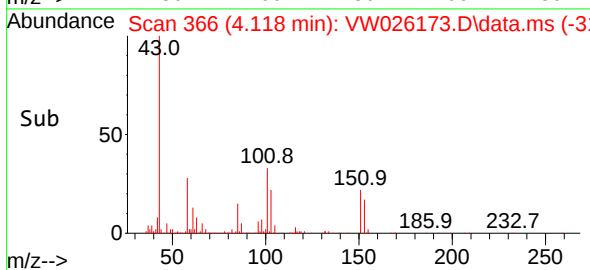
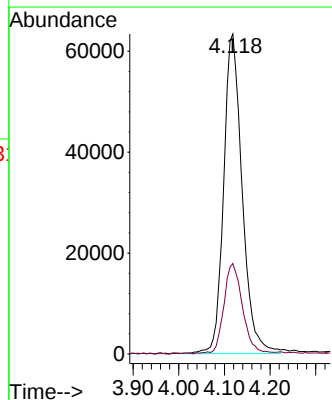
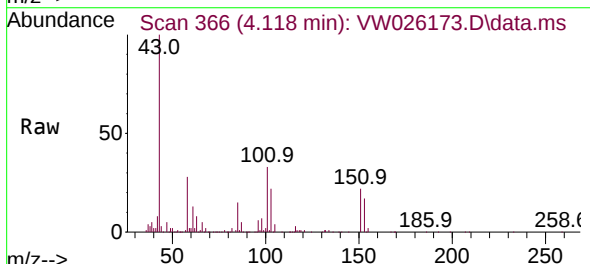
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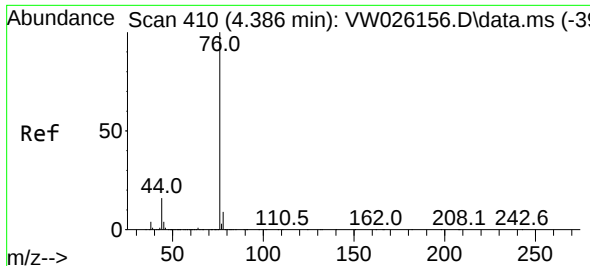
Tgt Ion: 96 Resp: 249523
Ion Ratio Lower Upper
96 100
61 193.5 140.6 261.0
63 155.6 131.7 244.5



#13
Acetone
Concen: 68.830 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 43 Resp: 178833
Ion Ratio Lower Upper
43 100
58 27.6 0.0 58.2

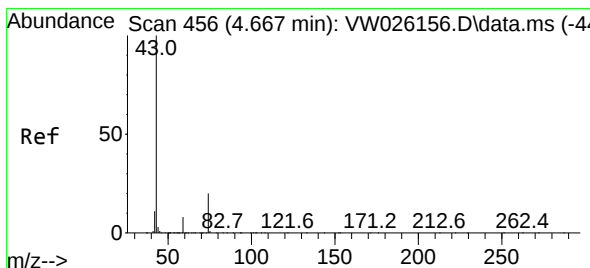
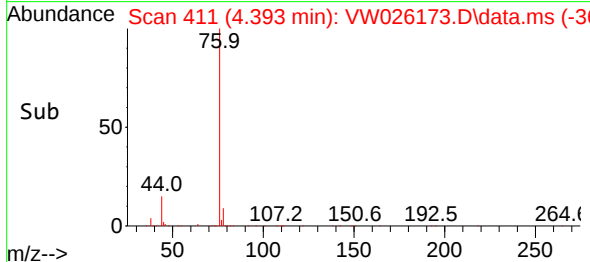
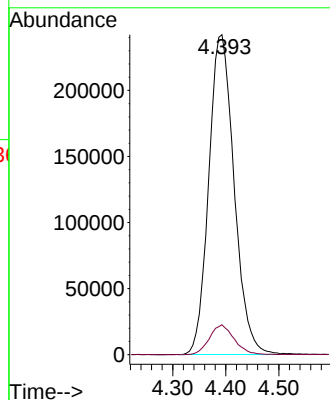
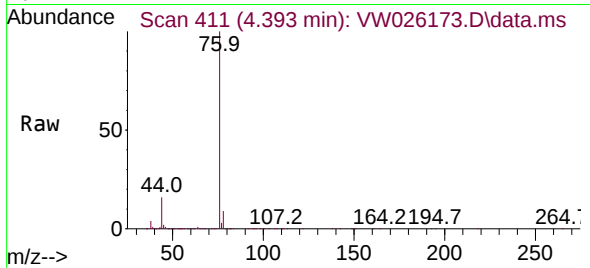




#14
Carbon disulfide
Concen: 21.783 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

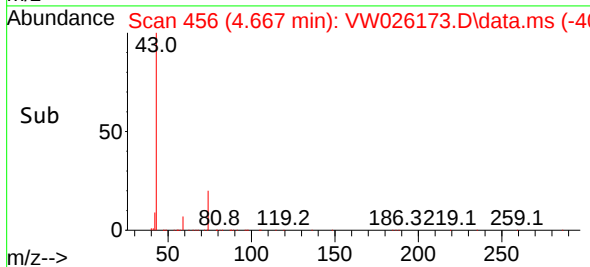
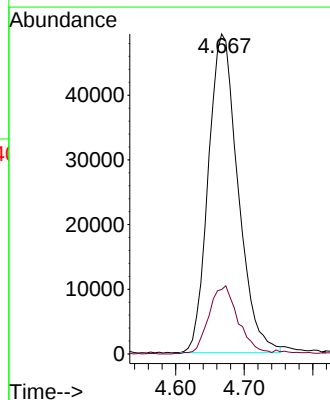
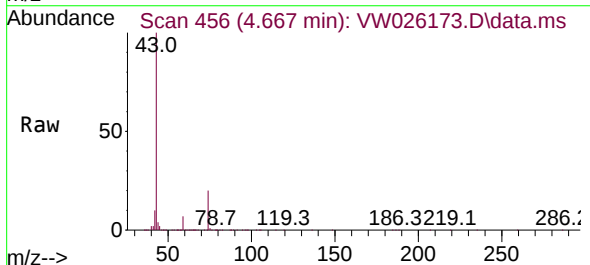
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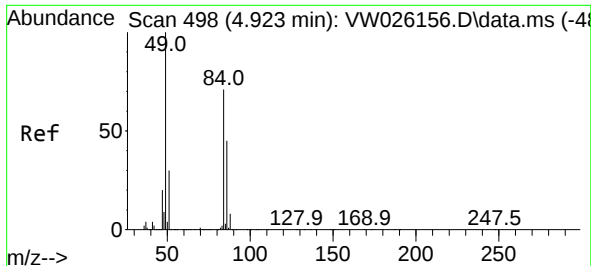
Tgt Ion: 76 Resp: 802664
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#15
Methyl Acetate
Concen: 25.491 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 43 Resp: 148644
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0

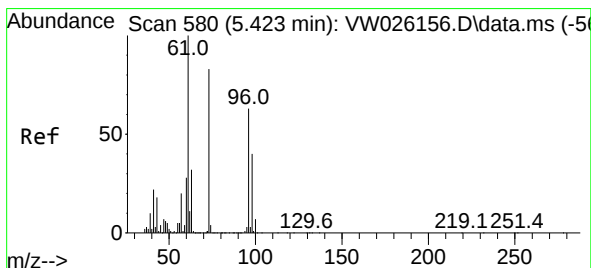
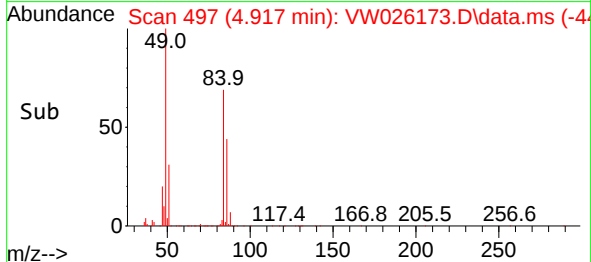
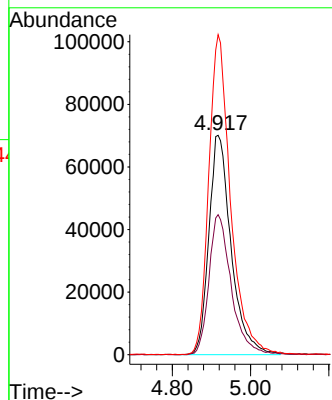
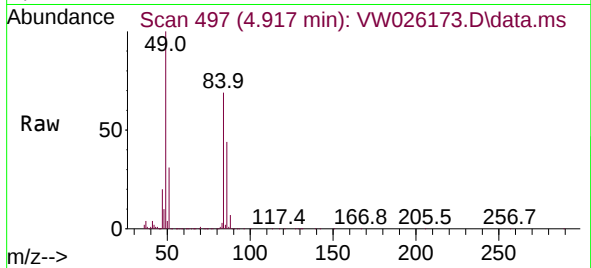




#16
Methylene chloride
Concen: 21.113 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

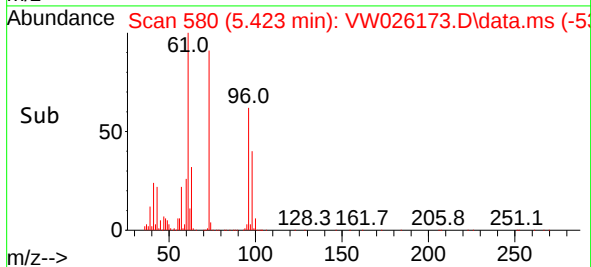
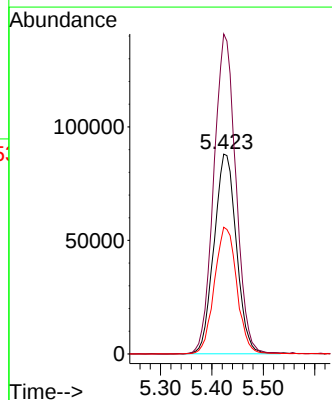
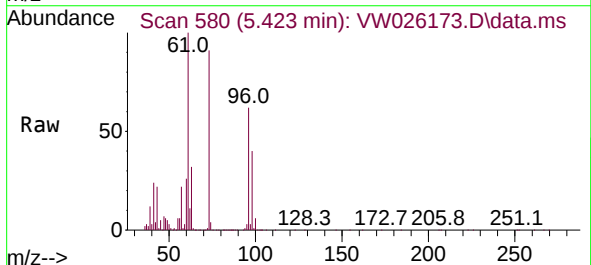
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

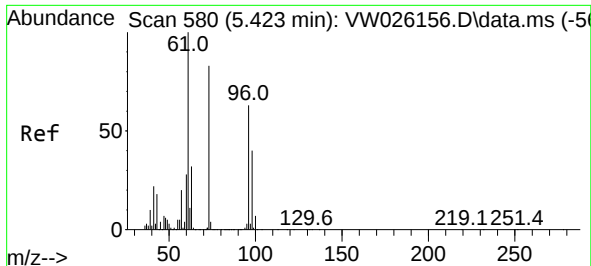
Tgt Ion: 84 Resp: 276275
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.0
49 145.9 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 22.726 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 96 Resp: 266155
Ion Ratio Lower Upper
96 100
61 160.1 113.0 209.8
98 63.4 42.5 78.9

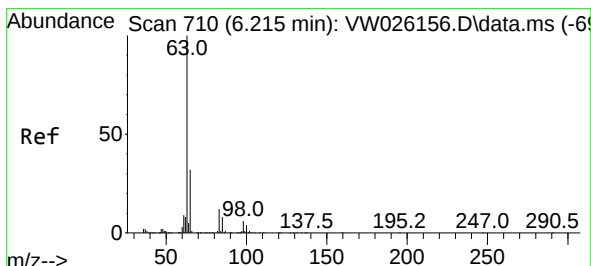
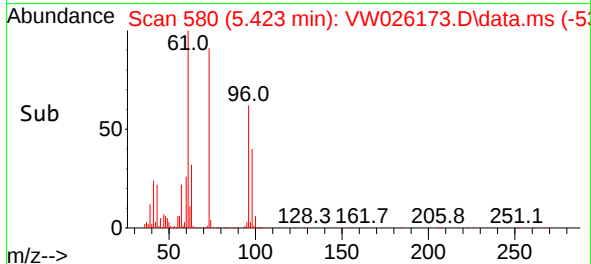
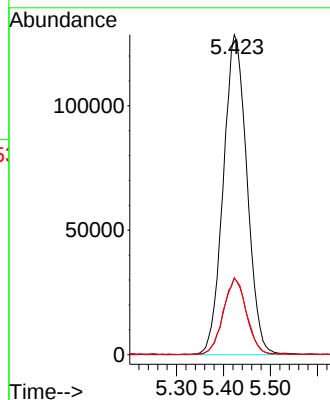
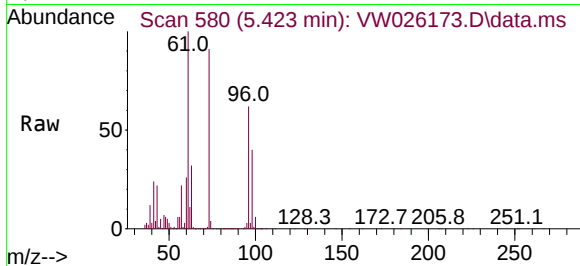




#18
Methyl tert-butyl Ether
Concen: 24.349 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

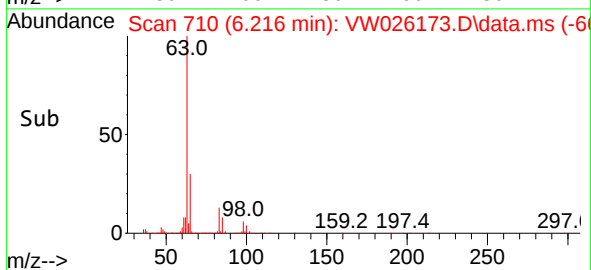
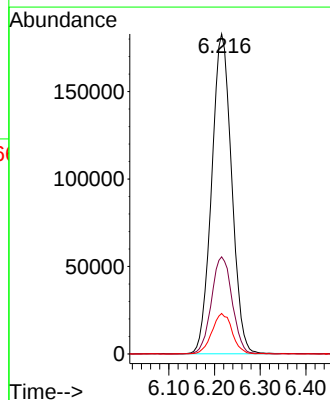
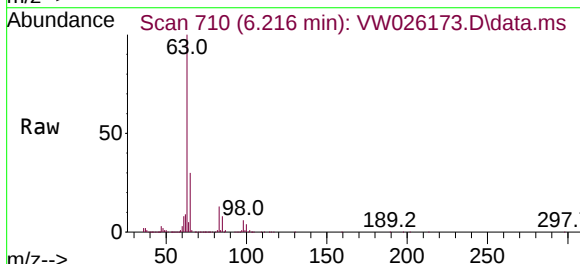
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

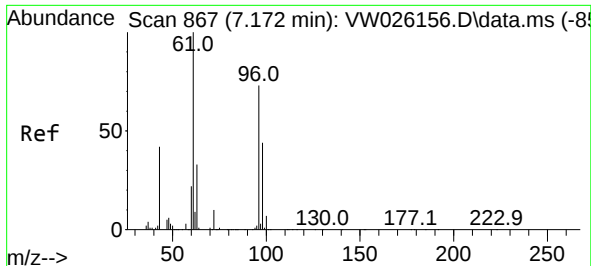
Tgt Ion: 73 Resp: 449432
Ion Ratio Lower Upper
73 100
43 23.1 17.8 26.6
57 23.7 18.9 28.3



#19
1,1-Dichloroethane
Concen: 23.263 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 63 Resp: 554667
Ion Ratio Lower Upper
63 100
65 30.4 22.3 41.5
83 12.6 9.1 16.9

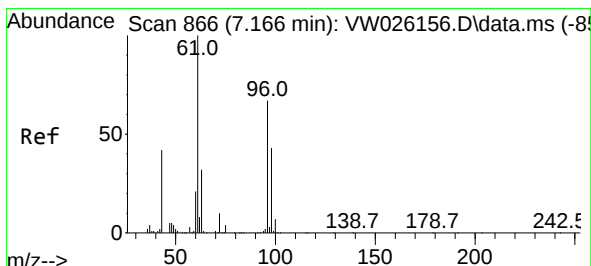
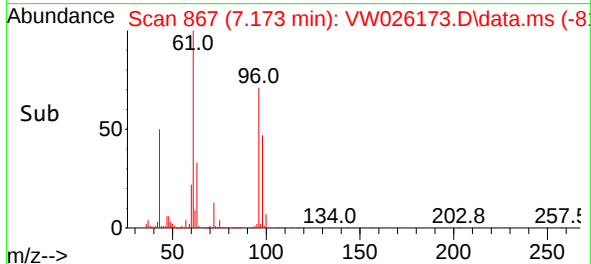
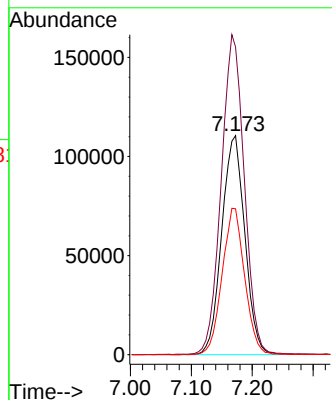
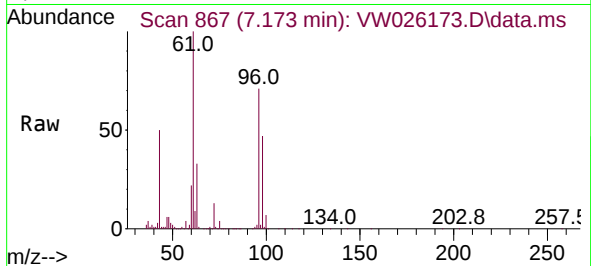




#20
 cis-1,2-Dichloroethene
 Concen: 23.469 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

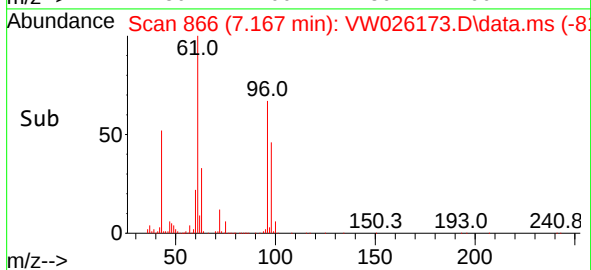
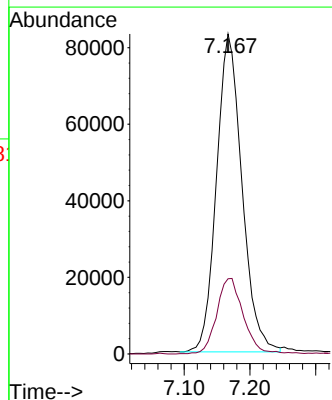
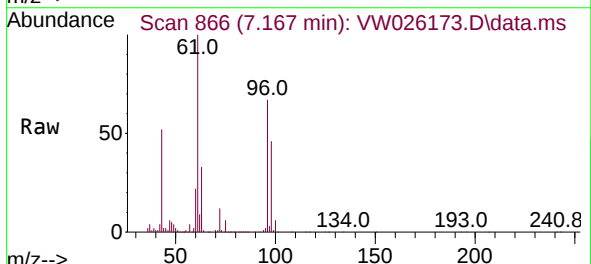
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

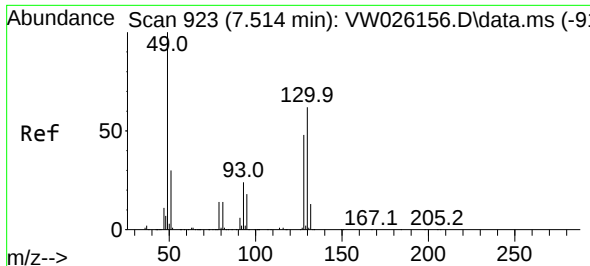
Tgt Ion: 96 Resp: 291146
 Ion Ratio Lower Upper
 96 100
 61 140.5 98.4 182.8
 98 66.6 45.2 84.0



#22
 2-Butanone
 Concen: 60.347 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

Tgt Ion: 43 Resp: 223661
 Ion Ratio Lower Upper
 43 100
 72 24.2 12.4 37.4

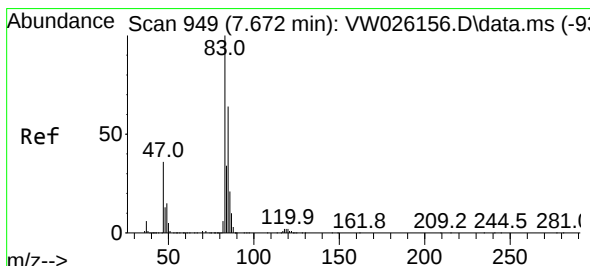
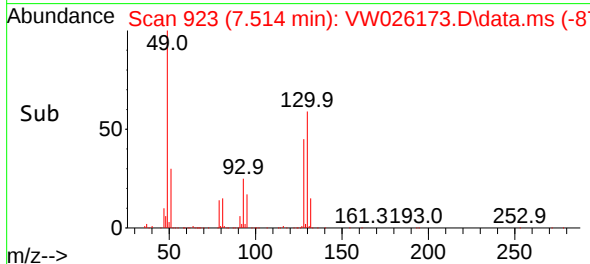
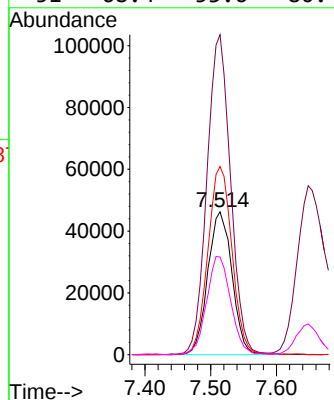
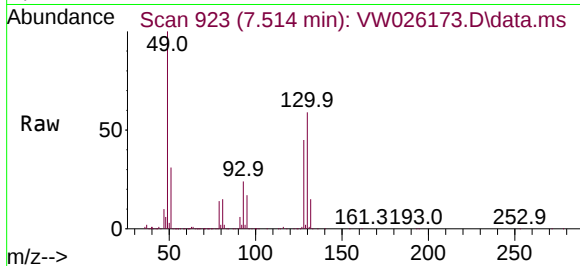




#23
Bromochloromethane
Concen: 22.431 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

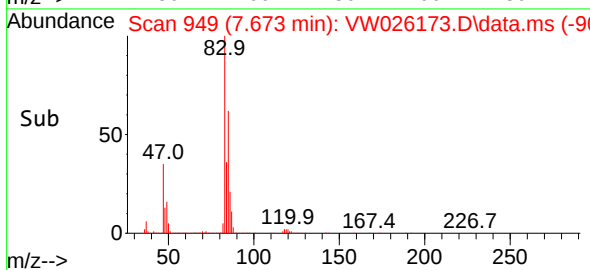
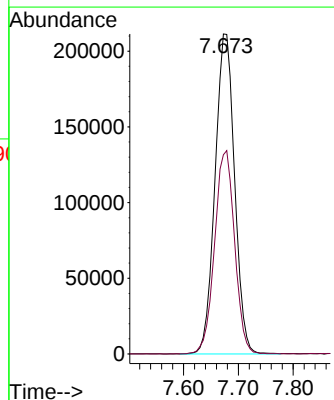
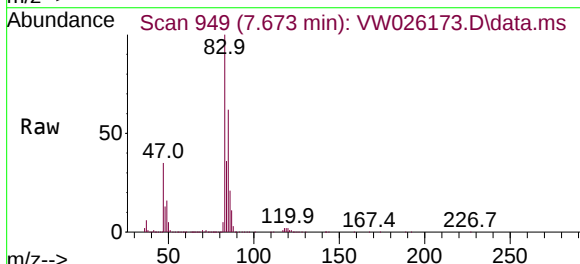
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

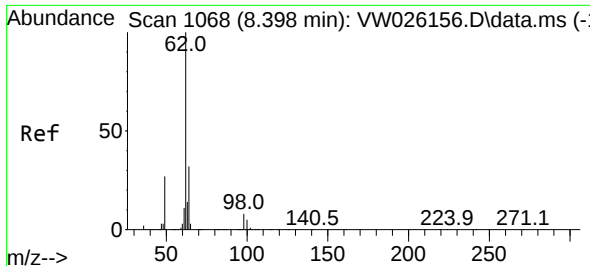
Tgt Ion:	128	Resp:	118674
Ion	Ratio	Lower	Upper
128	100		
49	224.0	140.6	261.0
130	131.7	86.0	159.6
51	68.4	53.6	80.4



#25
Chloroform
Concen: 23.598 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion:	83	Resp:	524045
Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.1	83.7





#27

1,2-Dichloroethane

Concen: 24.609 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

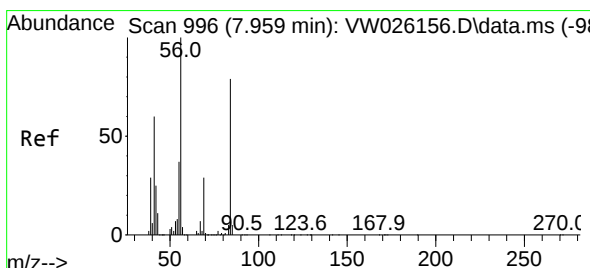
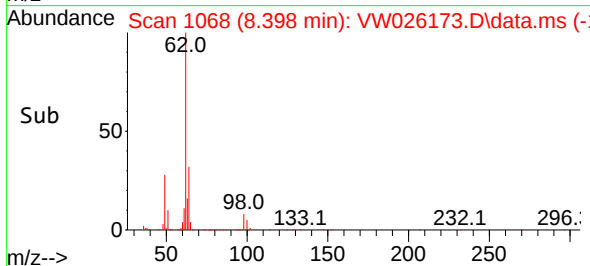
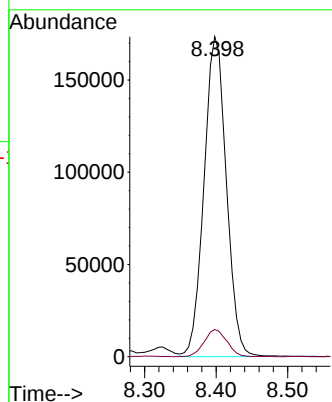
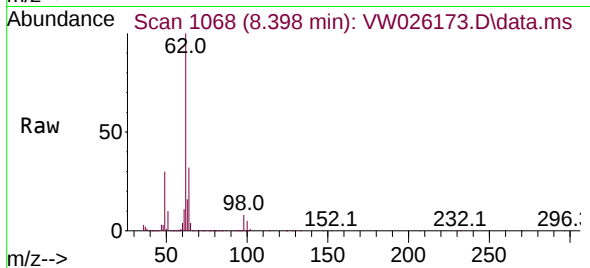
VSTD025515

Tgt Ion: 62 Resp: 376912

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2



#29

Cyclohexane

Concen: 23.433 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

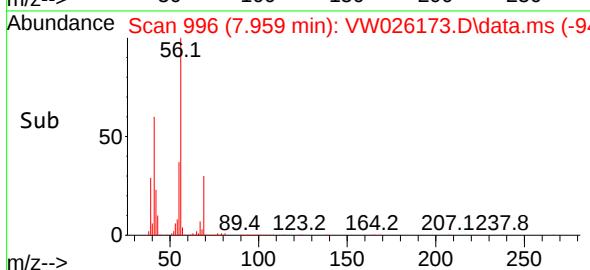
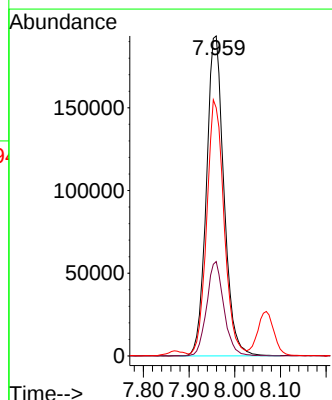
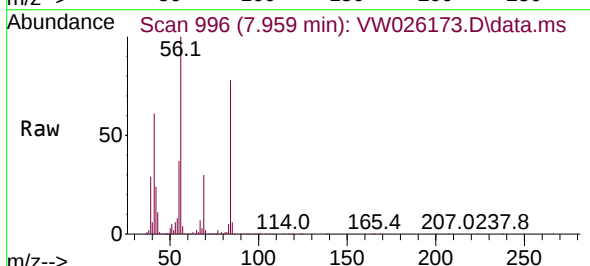
Tgt Ion: 56 Resp: 514826

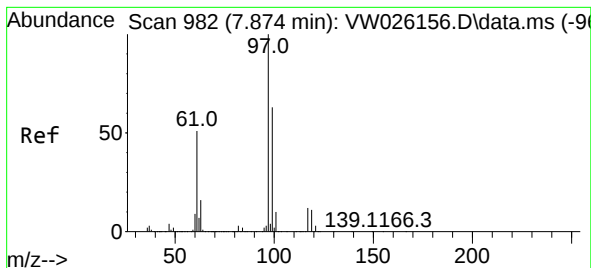
Ion Ratio Lower Upper

56 100

69 28.8 23.3 34.9

84 79.3 63.0 94.6

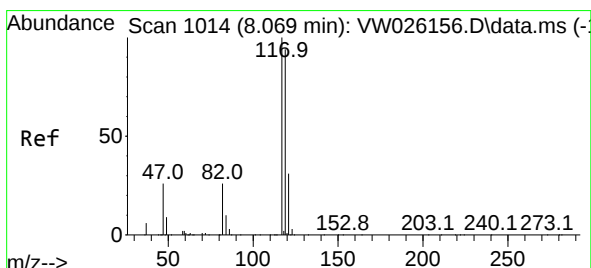
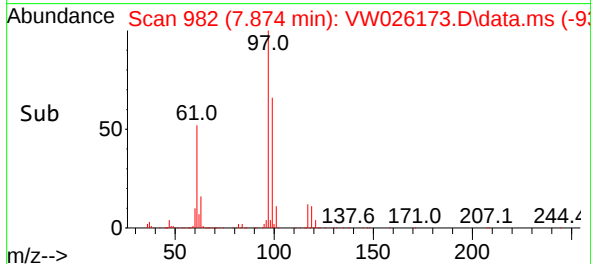
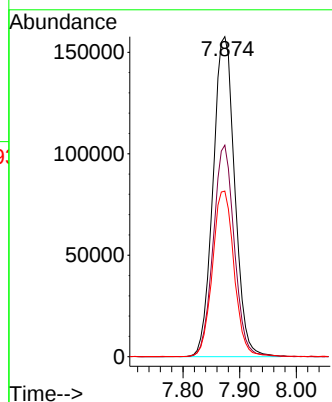
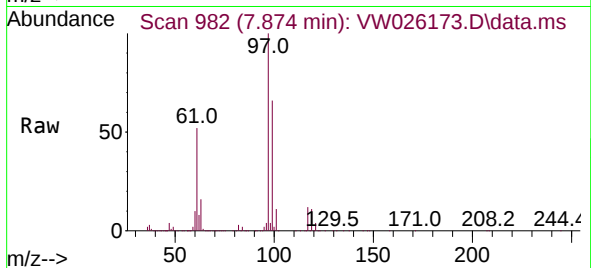




#30
1,1,1-Trichloroethane
Concen: 24.270 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

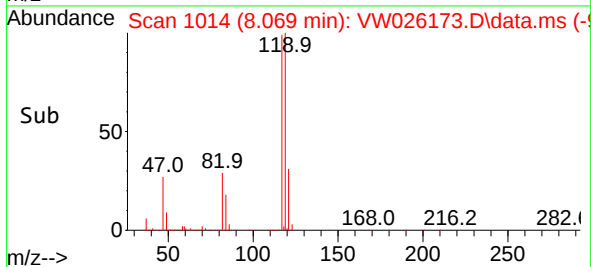
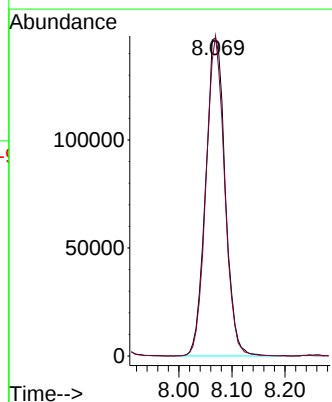
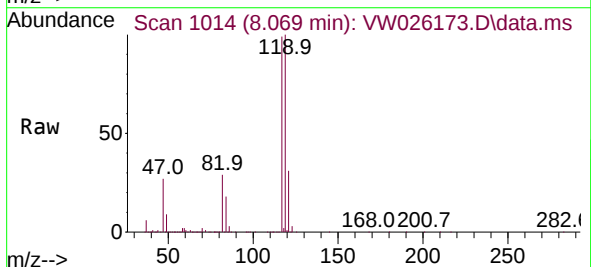
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

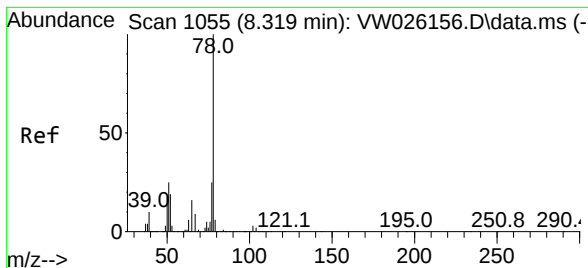
Tgt Ion: 97 Resp: 419115
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 51.7 40.5 60.7



#31
Carbon tetrachloride
Concen: 23.927 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 117 Resp: 377062
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2





#33

Benzene

Concen: 23.258 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

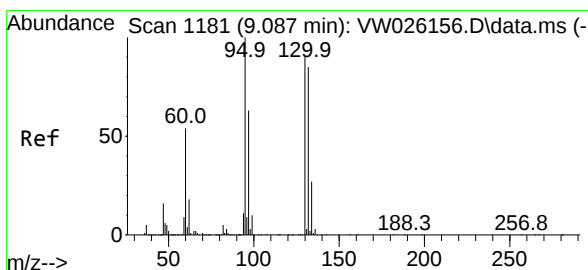
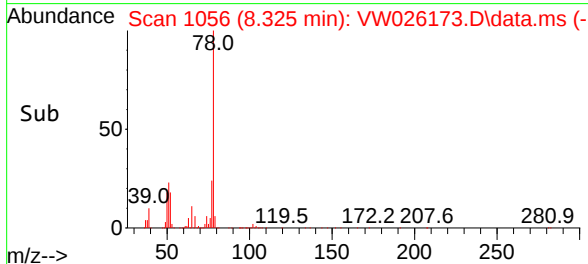
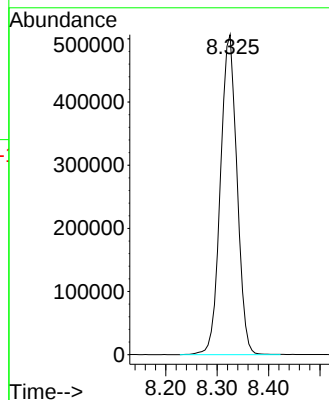
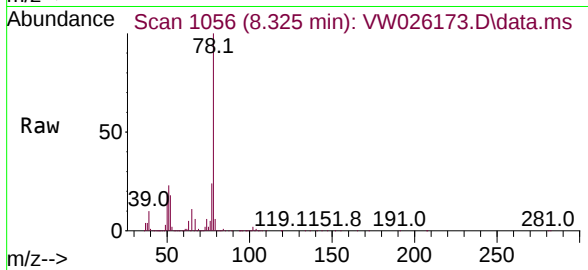
Instrument :

MSVOA_W

ClientSampleId :

VSTD025515

Tgt Ion: 78 Resp: 1133782



#34

Trichloroethene

Concen: 23.500 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

Tgt Ion: 95 Resp: 293344

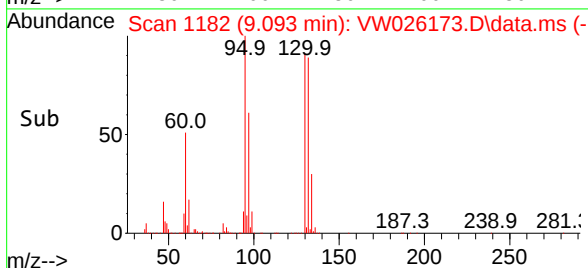
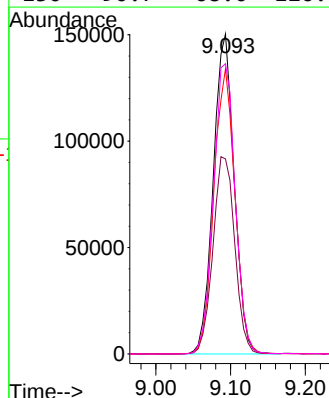
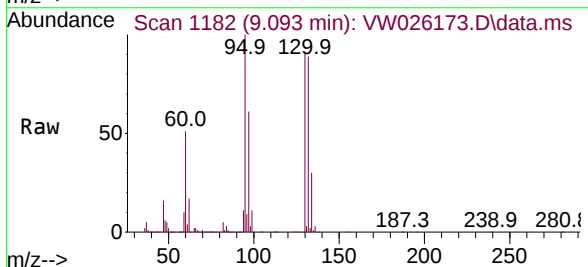
Ion Ratio Lower Upper

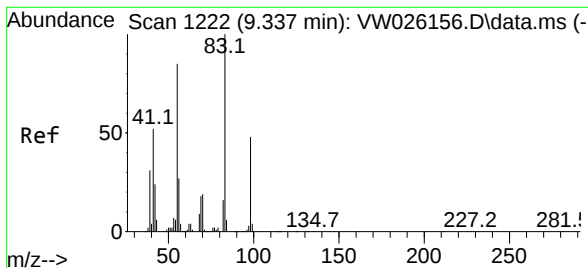
95 100

97 61.0 45.9 85.3

132 89.1 67.1 124.7

130 90.7 68.0 126.2

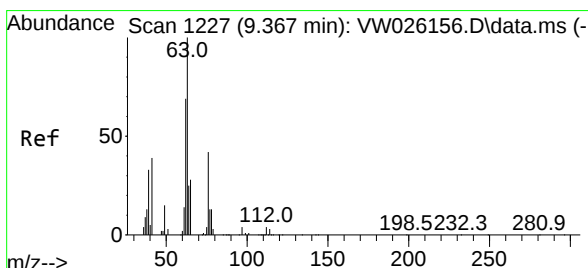
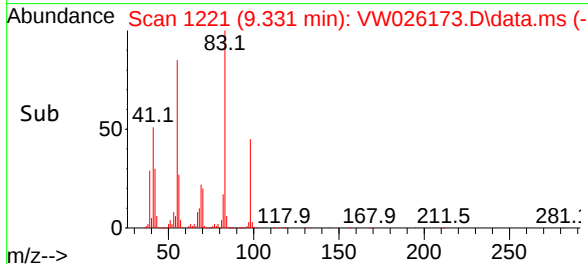
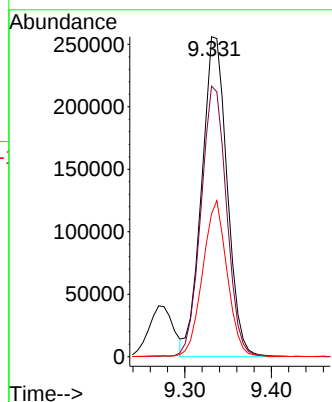
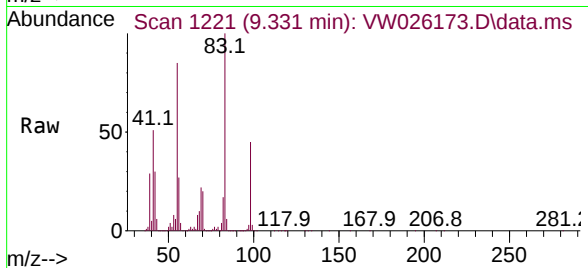




#35
Methylcyclohexane
Concen: 23.641 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

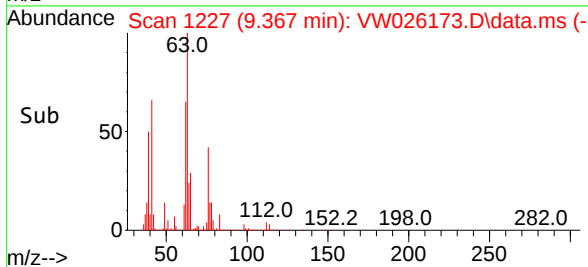
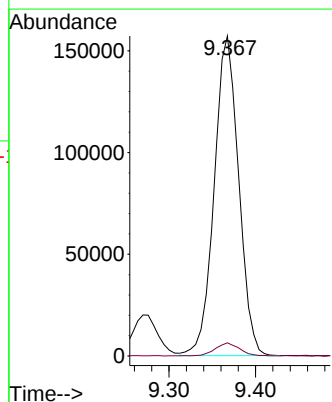
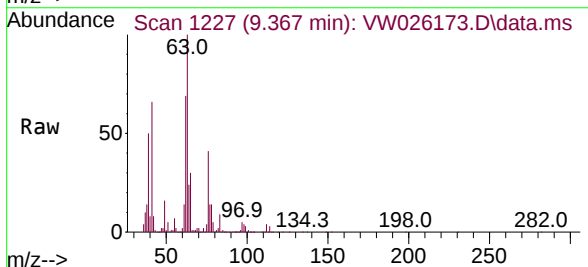
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

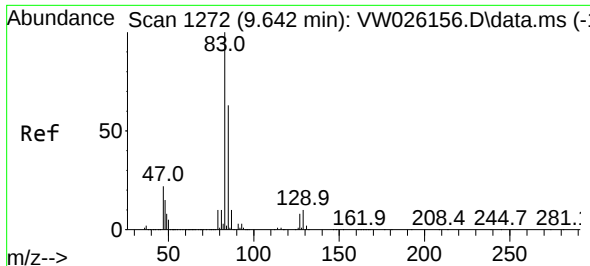
Tgt Ion: 83 Resp: 522174
Ion Ratio Lower Upper
83 100
55 85.3 68.2 102.4
98 47.1 38.1 57.1



#37
1,2-Dichloropropane
Concen: 23.325 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 63 Resp: 307972
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

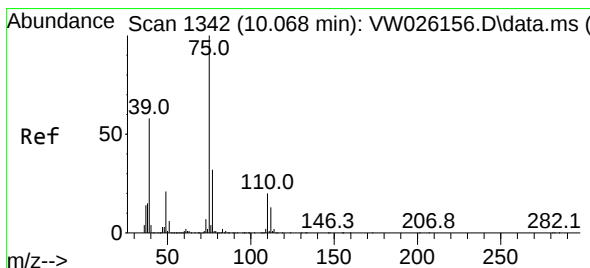
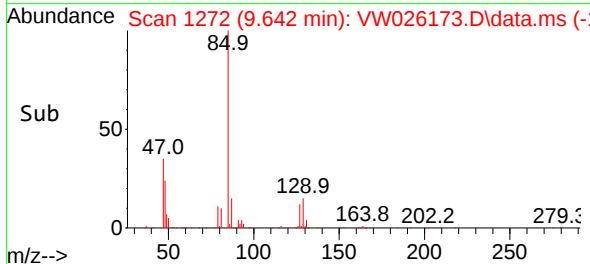
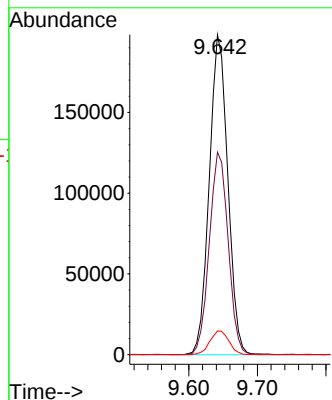
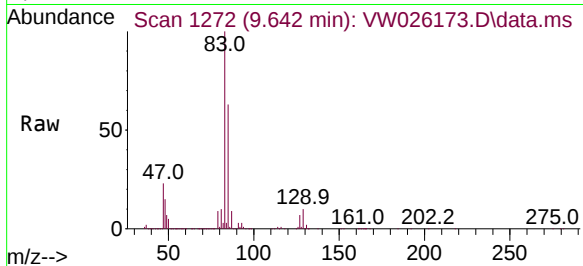




#38
Bromodichloromethane
Concen: 24.233 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

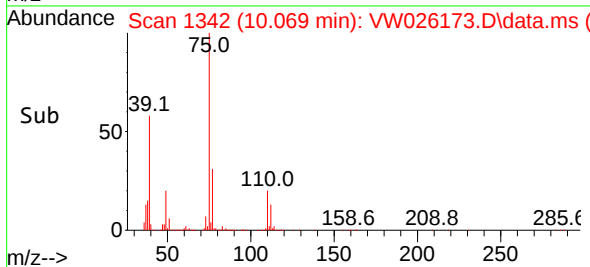
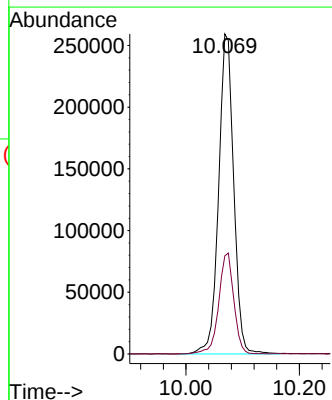
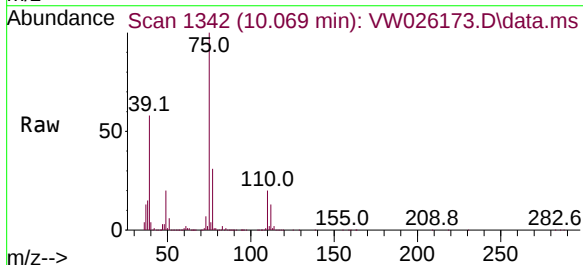
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

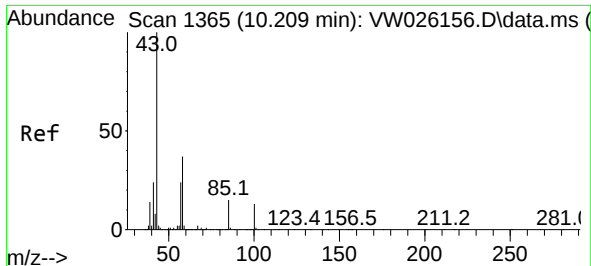
Tgt Ion: 83 Resp: 371730
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.0
127 7.4 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 24.694 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 75 Resp: 479155
Ion Ratio Lower Upper
75 100
77 30.6 22.0 40.8

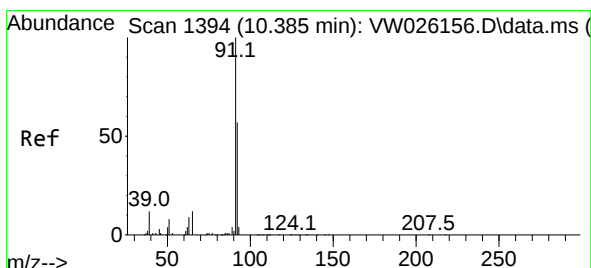
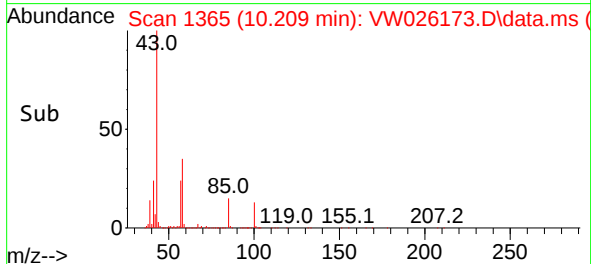
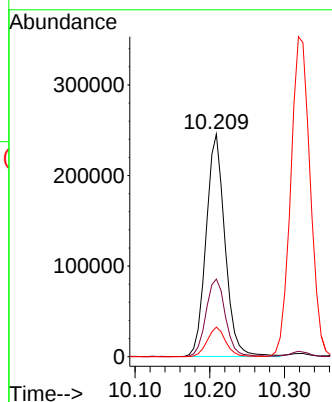
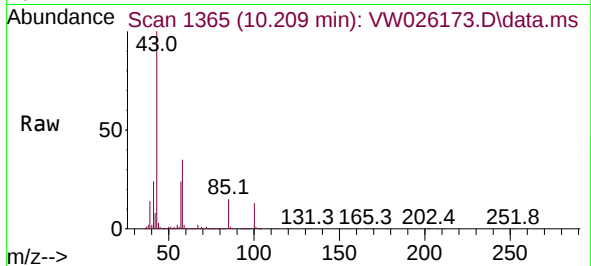




#40
4-Methyl-2-pentanone
Concen: 55.296 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

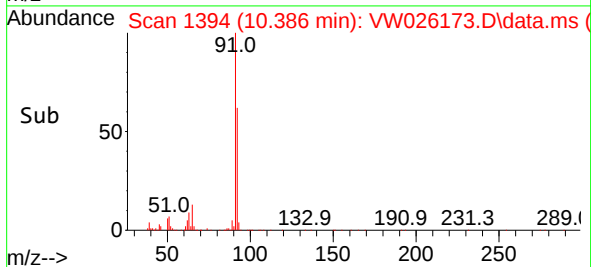
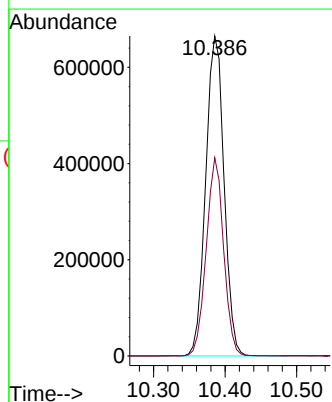
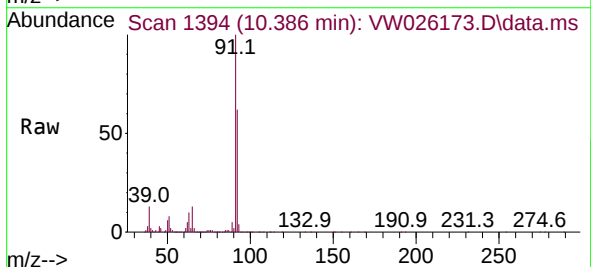
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

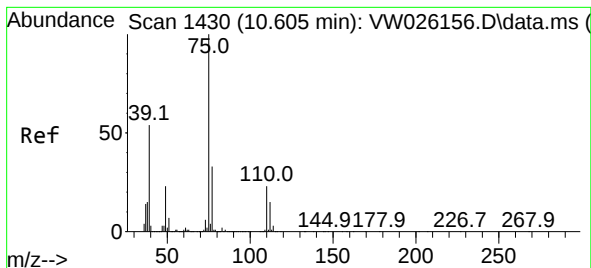
Tgt Ion: 43 Resp: 430453
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.4
100 13.1 10.5 15.7



#42
Toluene
Concen: 23.766 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 91 Resp: 1184977
Ion Ratio Lower Upper
91 100
92 61.9 42.2 78.4

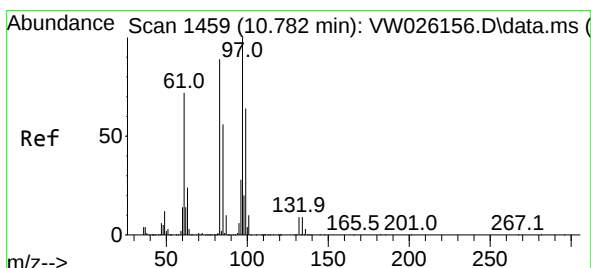
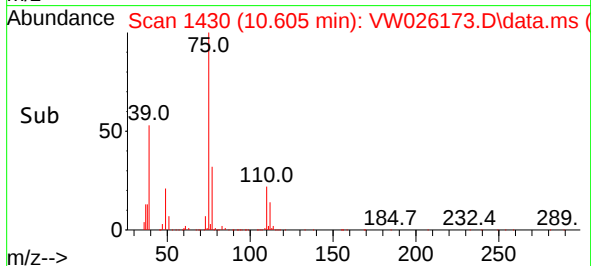
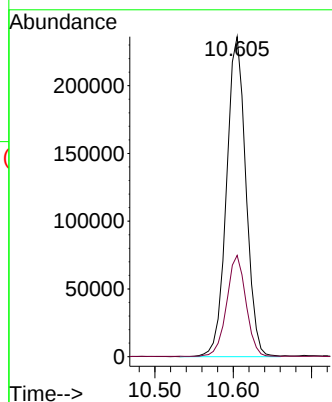
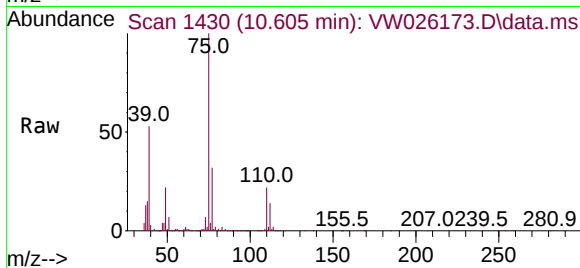




#44
trans-1,3-Dichloropropene
Concen: 25.034 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

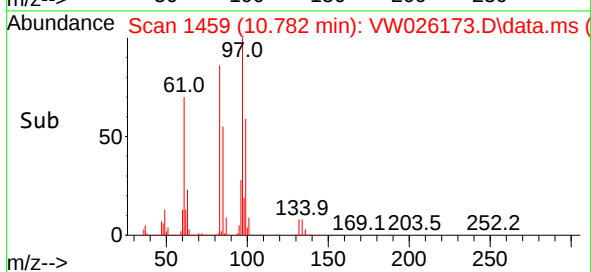
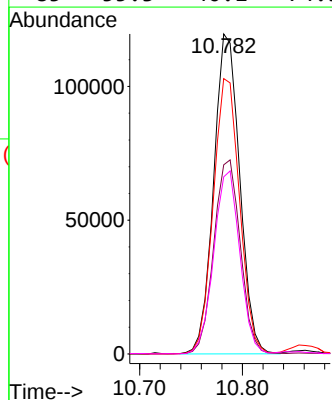
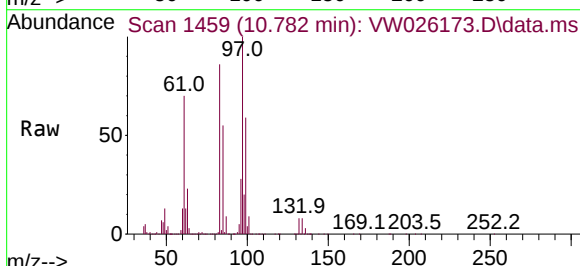
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

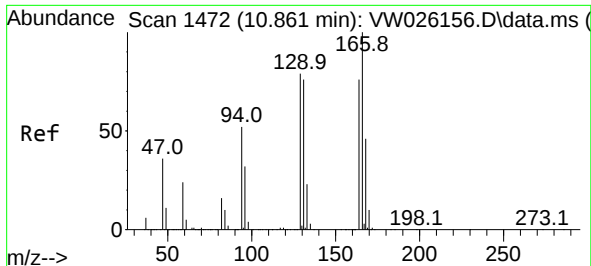
Tgt Ion: 75 Resp: 404671
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.3



#45
1,1,2-Trichloroethane
Concen: 24.154 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 97 Resp: 210188
Ion Ratio Lower Upper
97 100
99 59.1 43.3 80.5
83 86.0 62.9 116.9
85 55.3 40.1 74.5

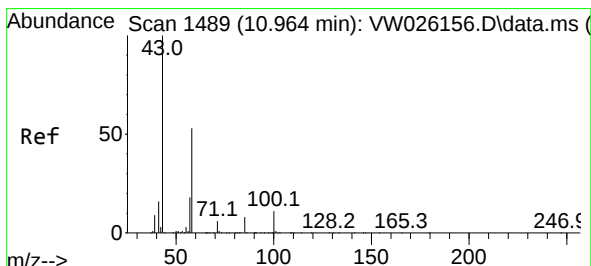
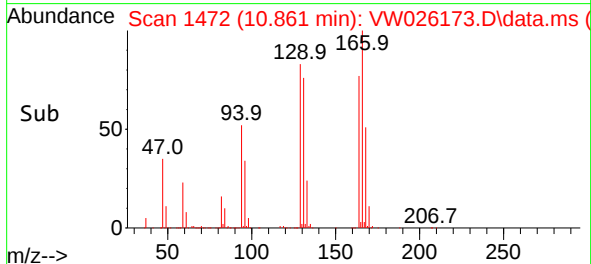
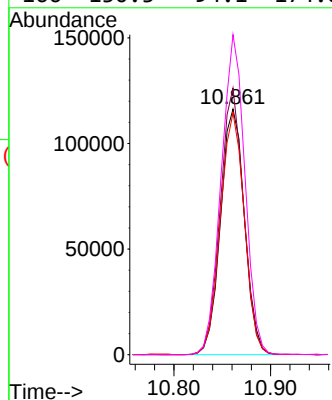
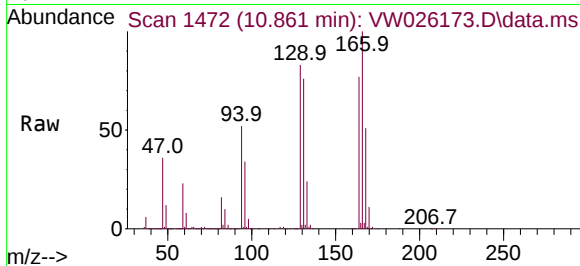




#46
Tetrachloroethene
Concen: 22.710 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

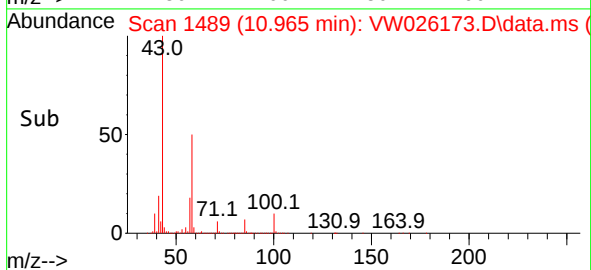
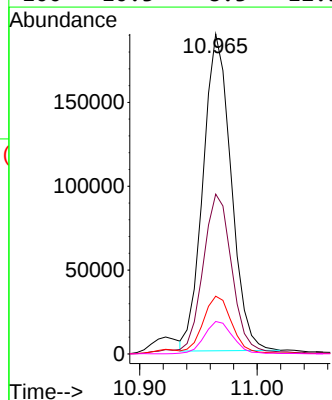
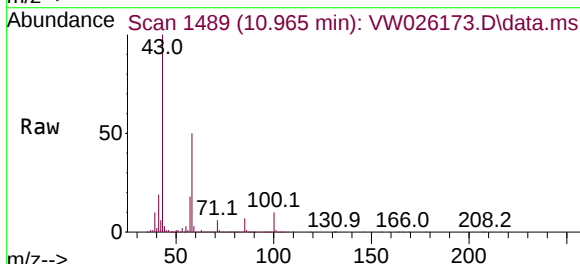
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

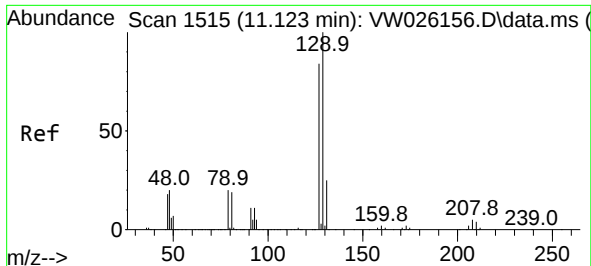
Tgt Ion:164 Resp: 200506
Ion Ratio Lower Upper
164 100
129 108.6 68.5 127.1
131 98.4 67.1 124.7
166 130.3 94.1 174.8



#48
2-Hexanone
Concen: 57.059 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 43 Resp: 313184
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.2
57 18.7 14.2 21.2
100 10.3 8.3 12.5

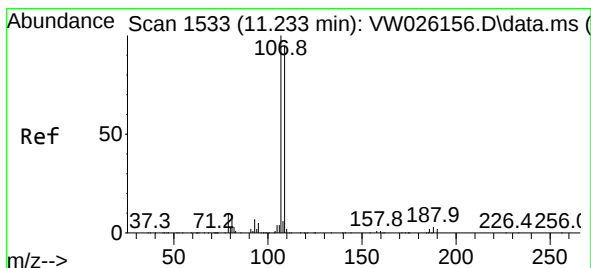
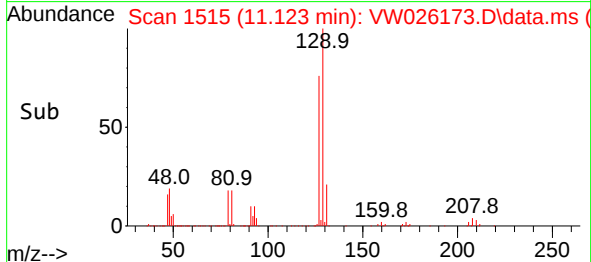
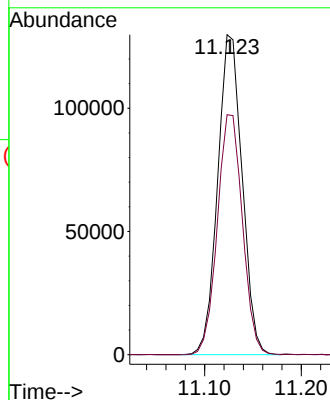
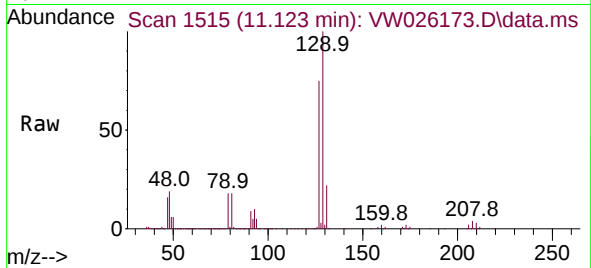




#49
Dibromochloromethane
Concen: 25.016 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

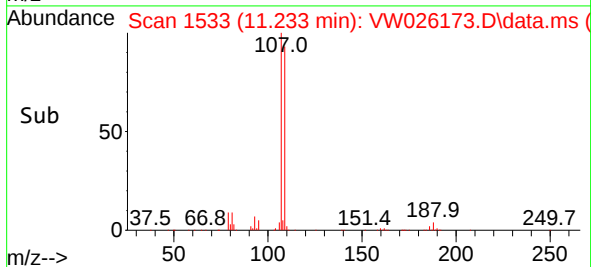
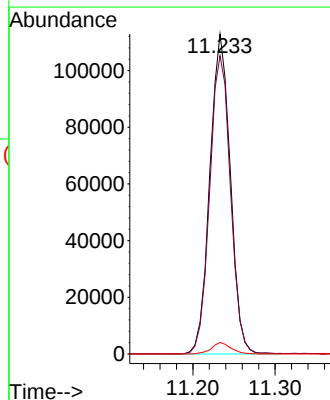
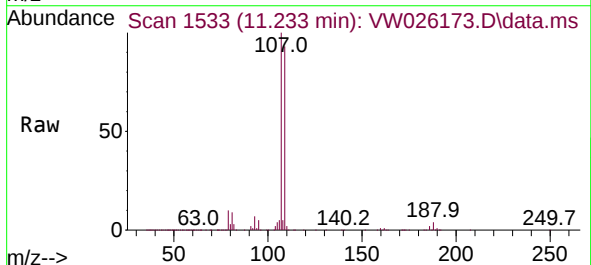
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

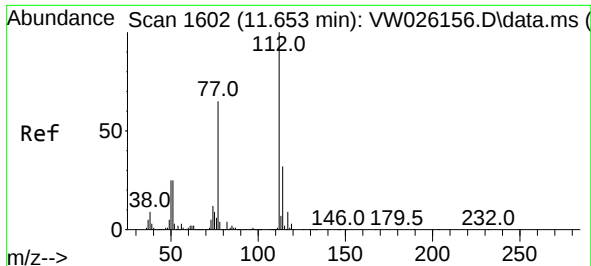
Tgt Ion:129 Resp: 228240
Ion Ratio Lower Upper
129 100
127 75.0 56.9 105.7



#50
1,2-Dibromoethane
Concen: 24.208 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion:107 Resp: 195057
Ion Ratio Lower Upper
107 100
109 93.2 64.0 119.0
188 3.6 2.6 3.8

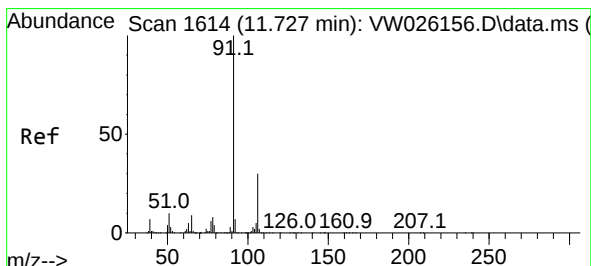
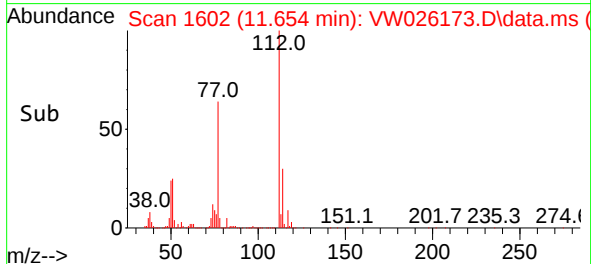
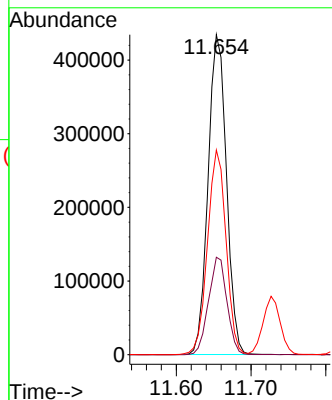
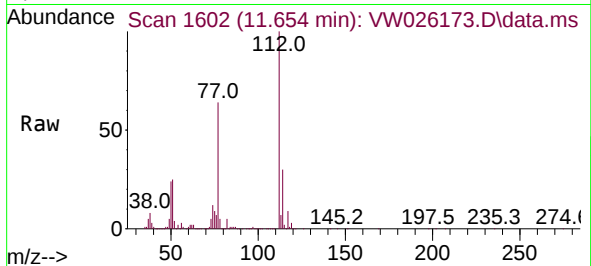




#51
Chlorobenzene
Concen: 23.721 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

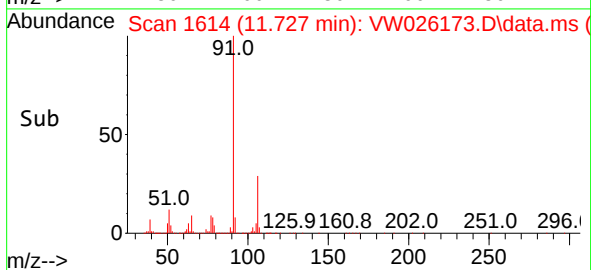
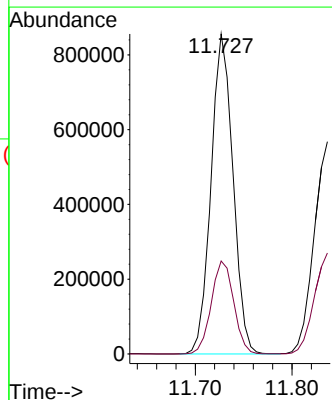
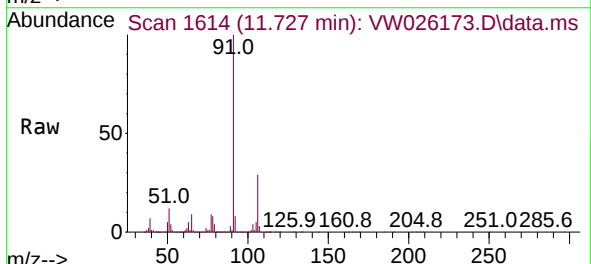
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

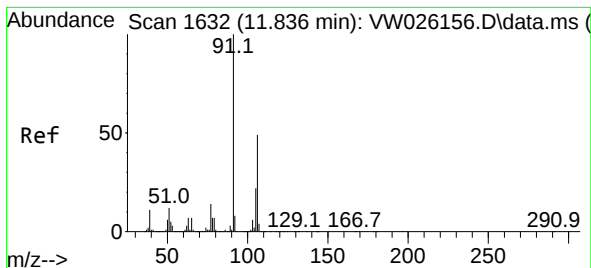
Tgt Ion:112 Resp: 741155
Ion Ratio Lower Upper
112 100
114 30.5 23.0 42.6
77 64.0 50.9 76.3



#52
Ethylbenzene
Concen: 24.015 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 91 Resp: 1350716
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4

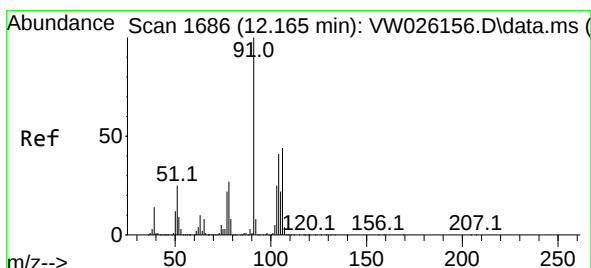
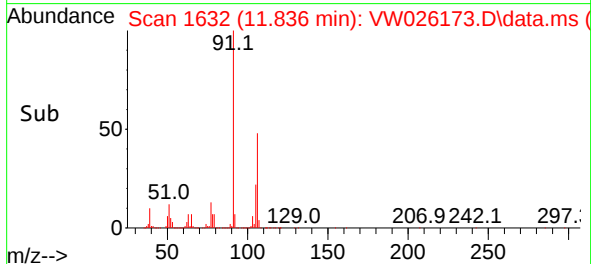
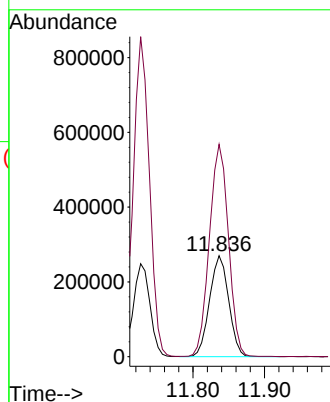
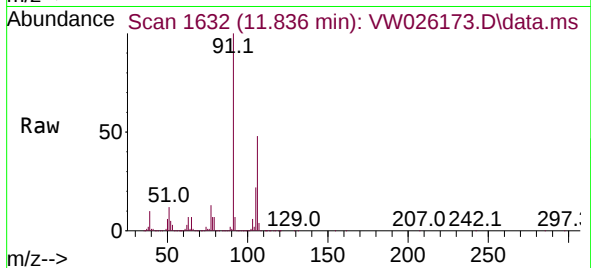




#53
m,p-Xylene
Concen: 23.938 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

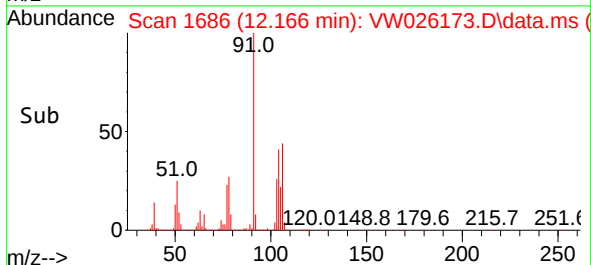
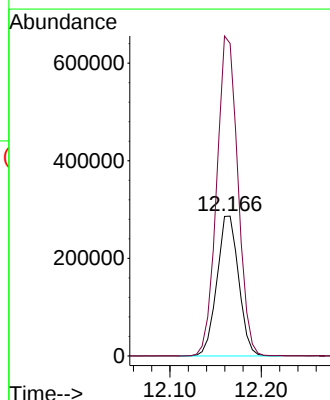
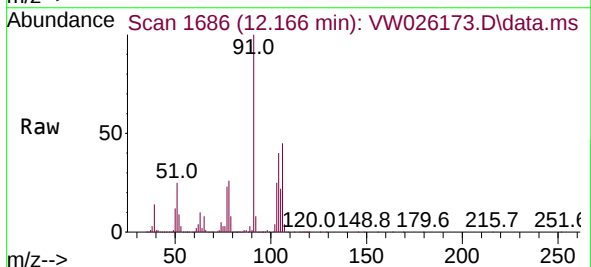
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

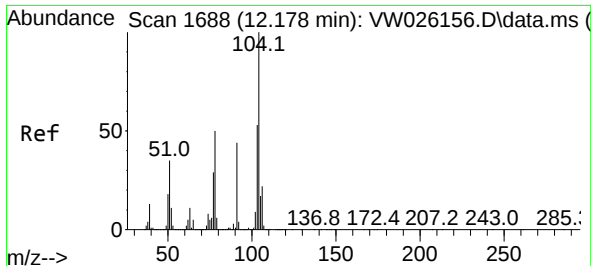
Tgt Ion:106 Resp: 500887
Ion Ratio Lower Upper
106 100
91 210.2 149.5 277.7



#54
o-Xylene
Concen: 23.973 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion:106 Resp: 473436
Ion Ratio Lower Upper
106 100
91 223.4 150.9 280.3

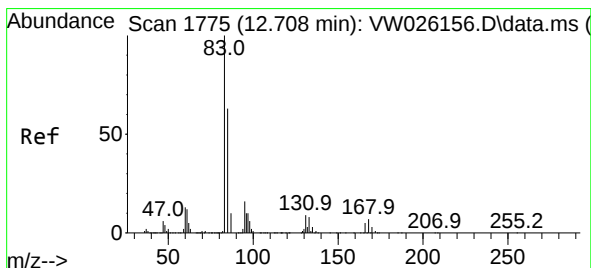
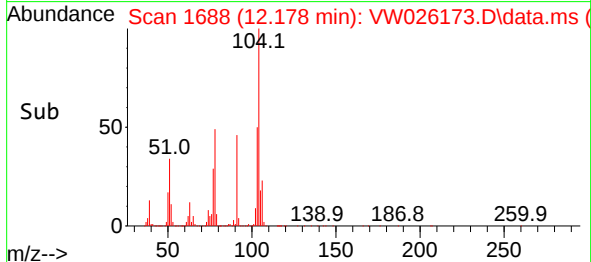
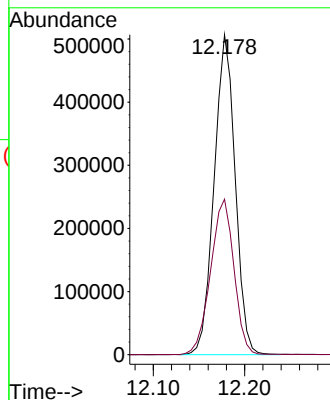
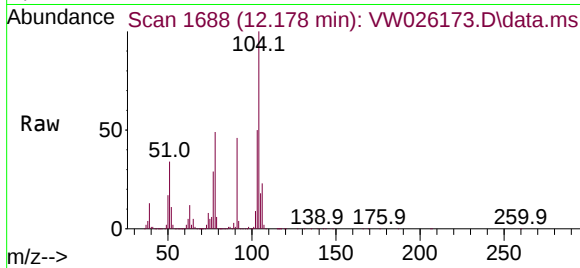




#55
Styrene
Concen: 23.908 ug/L
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

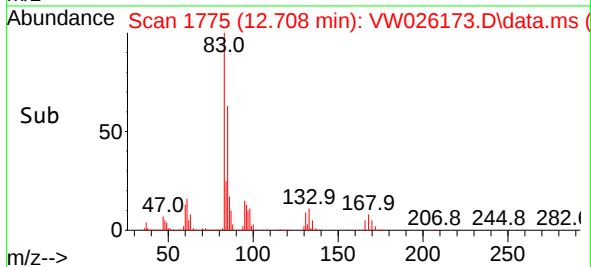
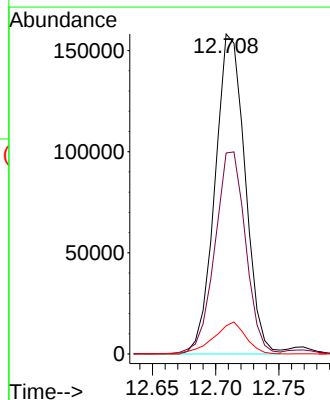
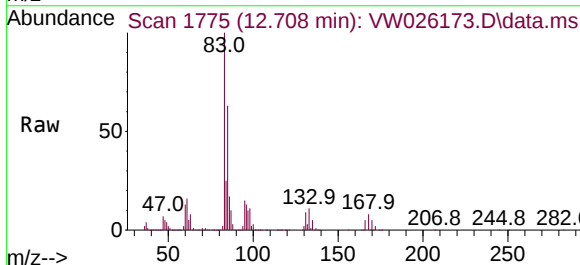
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

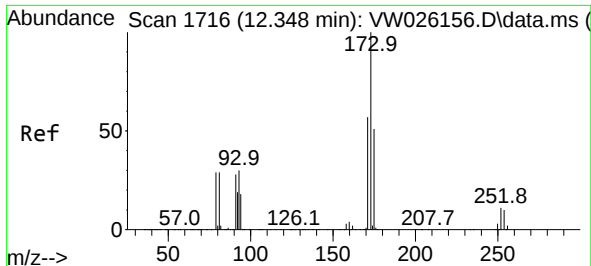
Tgt Ion:104 Resp: 810041
Ion Ratio Lower Upper
104 100
78 48.6 32.6 60.6



#57
1,1,2,2-Tetrachloroethane
Concen: 24.767 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 83 Resp: 260833
Ion Ratio Lower Upper
83 100
85 62.8 42.6 79.0
131 8.8 7.2 10.8

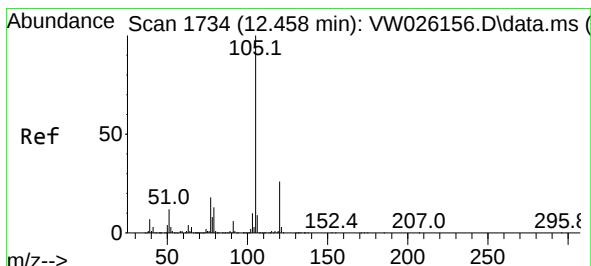
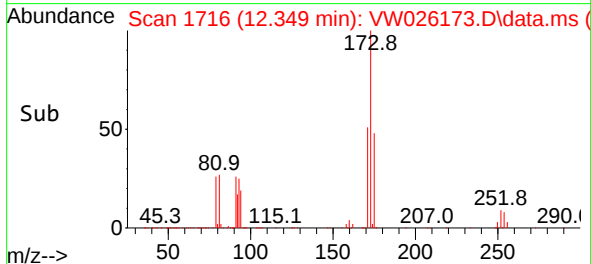
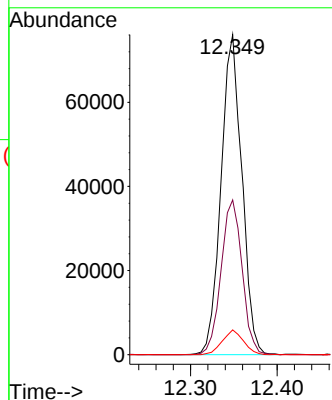
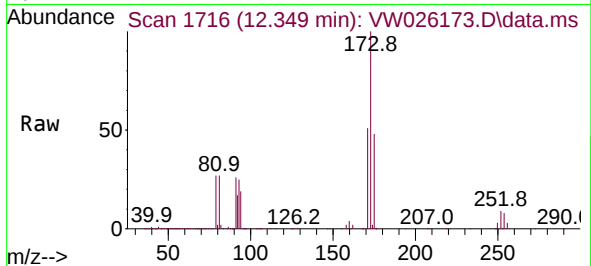




#59
Bromoform
Concen: 23.465 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

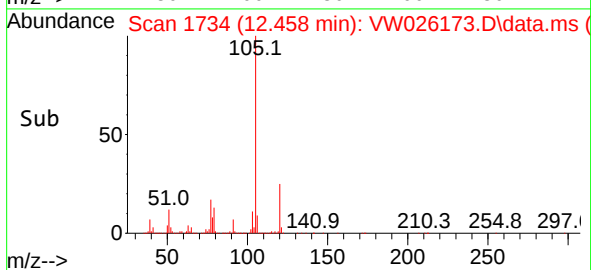
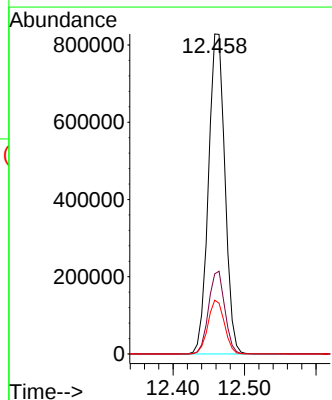
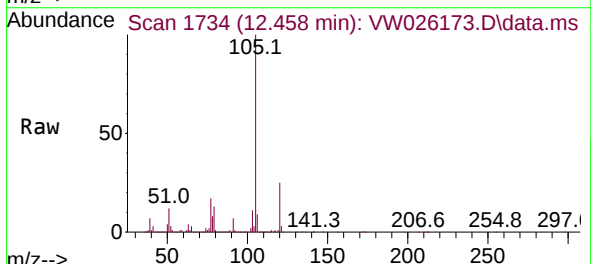
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

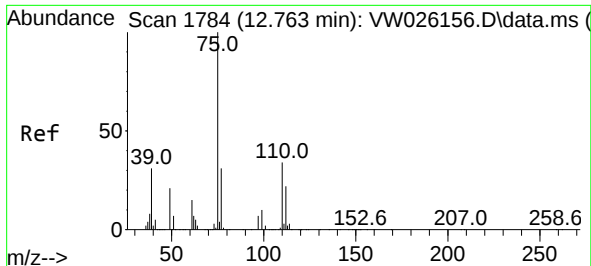
Tgt Ion:173 Resp: 127207
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 7.8 7.4 11.0



#60
Isopropylbenzene
Concen: 23.338 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion:105 Resp: 1323259
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8
77 16.7 13.3 19.9

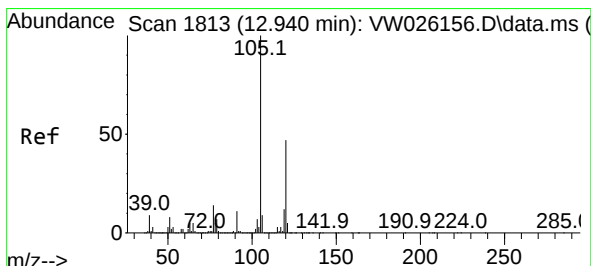
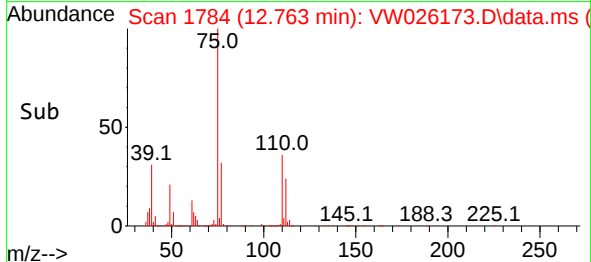
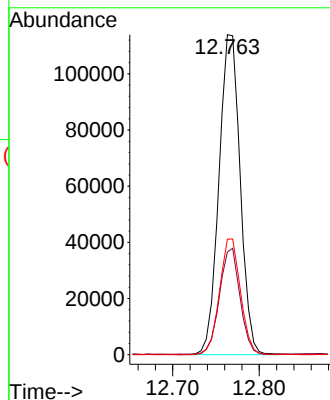
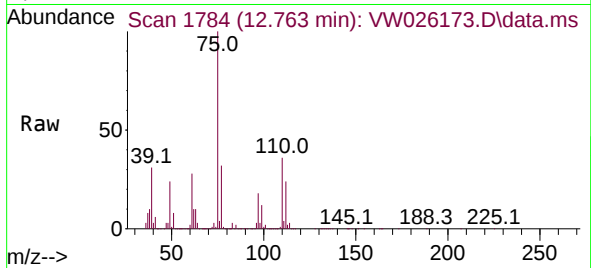




#61
1,2,3-Trichloropropane
Concen: 24.046 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

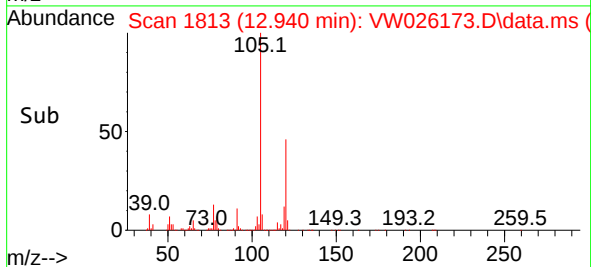
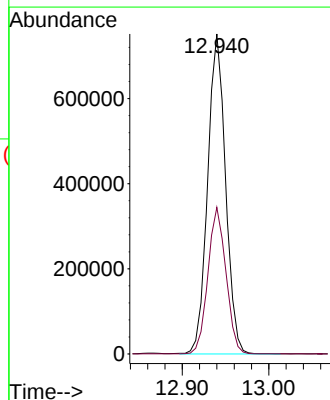
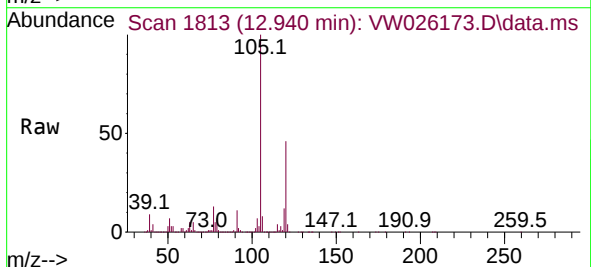
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

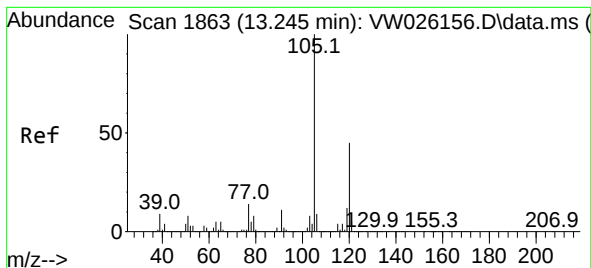
Tgt Ion: 75 Resp: 194413
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 35.6 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 23.950 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion: 105 Resp: 1079527
Ion Ratio Lower Upper
105 100
120 46.2 38.8 58.2

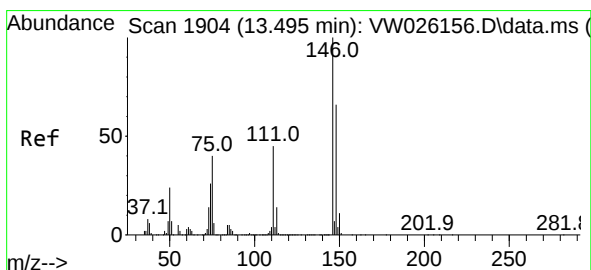
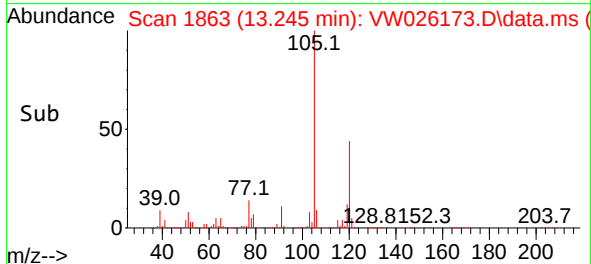
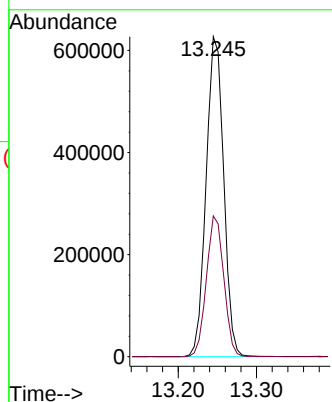
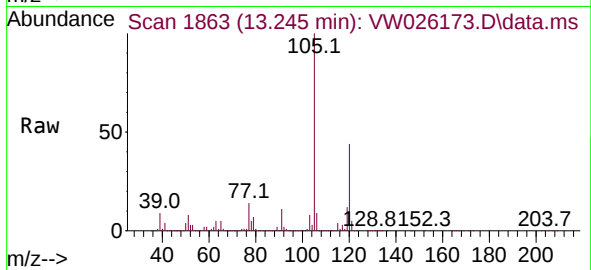




#63
1,2,4-Trimethylbenzene
Concen: 23.608 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

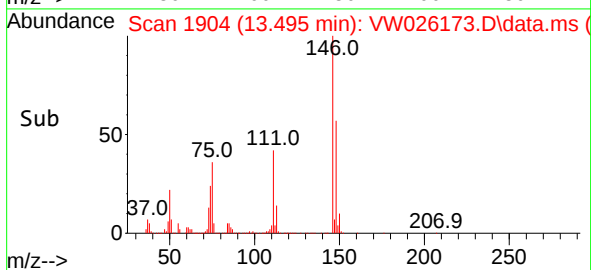
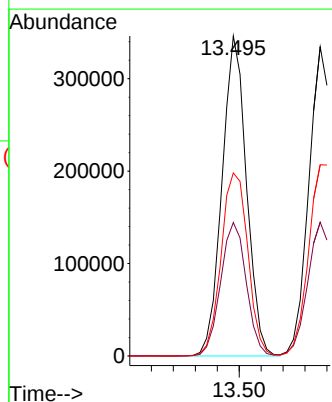
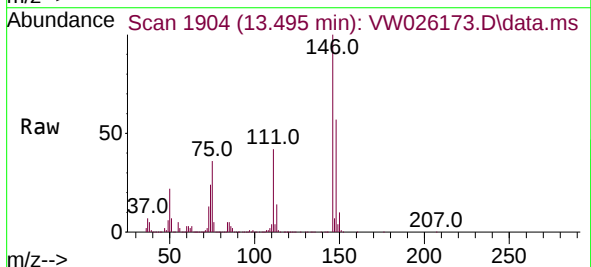
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

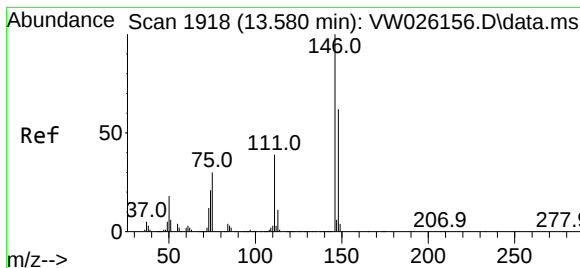
Tgt Ion:105 Resp: 974629
Ion Ratio Lower Upper
105 100
120 43.7 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 22.514 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

Tgt Ion:146 Resp: 536747
Ion Ratio Lower Upper
146 100
111 41.7 29.7 55.1
148 57.2 45.4 84.4





#65

1,4-Dichlorobenzene

Concen: 21.922 ug/L

RT: 13.574 min Scan# 1918

Delta R.T. -0.006 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025515

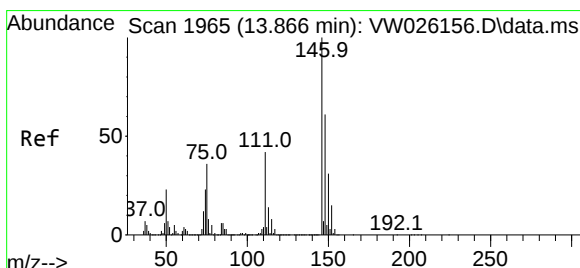
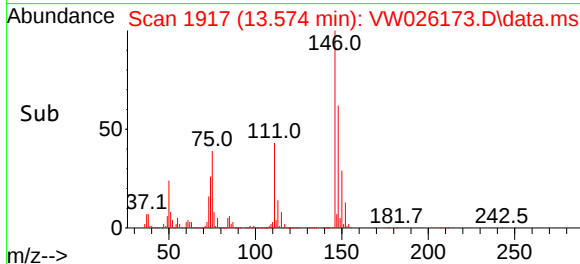
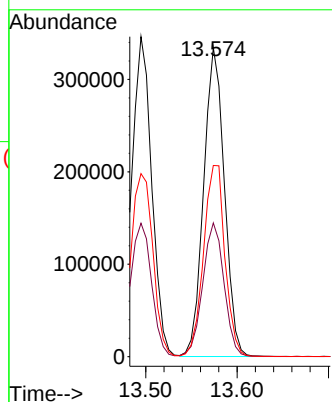
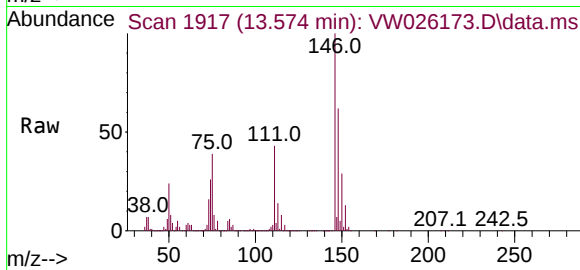
Tgt Ion:146 Resp: 526165

Ion Ratio Lower Upper

146 100

111 43.3 29.2 54.2

148 61.9 42.8 79.6



#67

1,2-Dichlorobenzene

Concen: 22.590 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026173.D

Acq: 12 Jun 2023 09:34

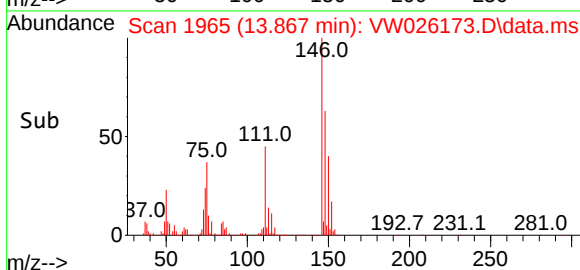
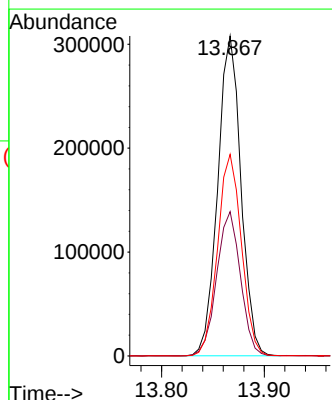
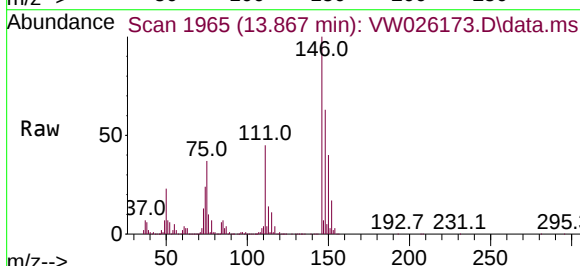
Tgt Ion:146 Resp: 483626

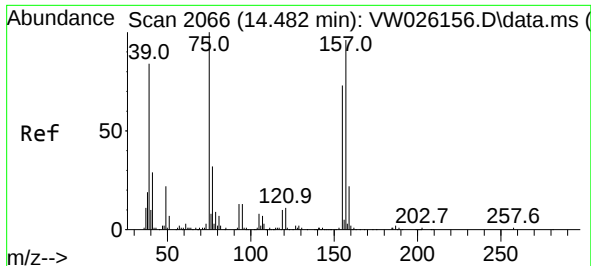
Ion Ratio Lower Upper

146 100

111 45.1 35.4 53.0

148 63.0 51.7 77.5

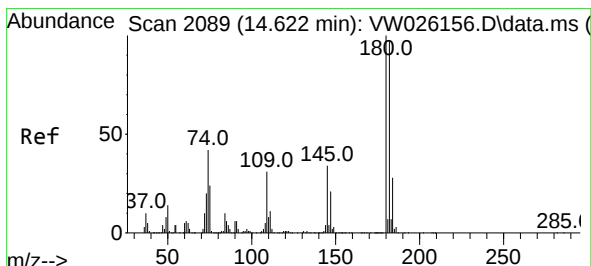
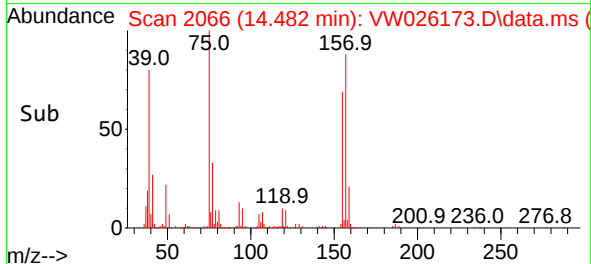
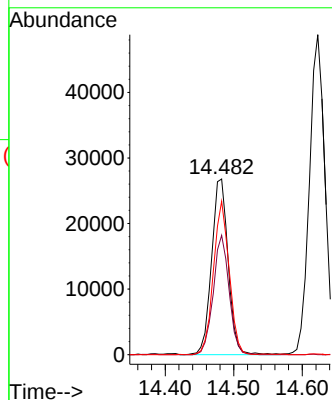
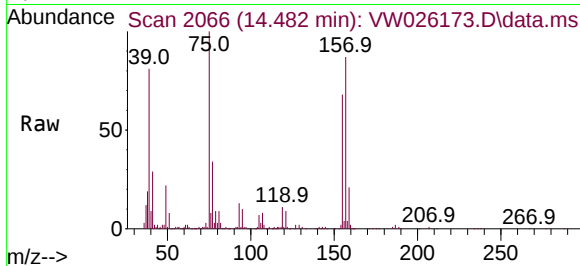




#68
 1,2-Dibromo-3-chloropropane
 Concen: 24.025 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

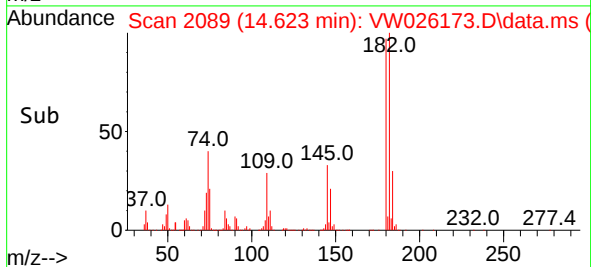
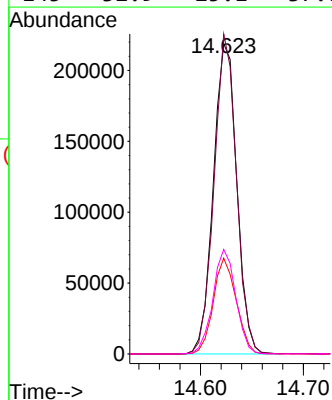
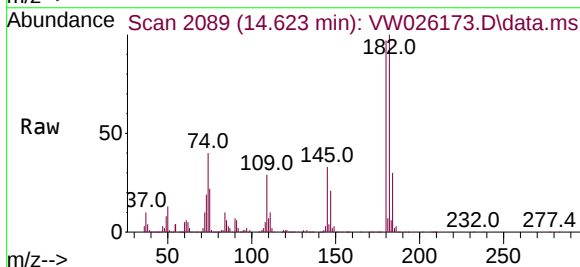
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

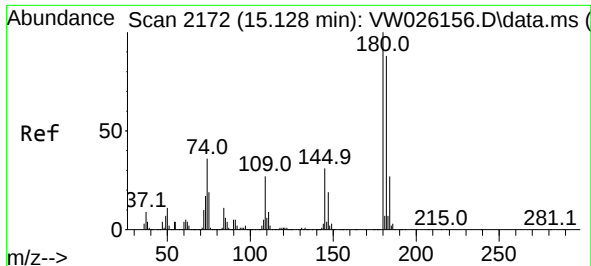
Tgt Ion: 75 Resp: 45002
 Ion Ratio Lower Upper
 75 100
 155 68.0 59.0 88.6
 157 87.3 71.7 107.5



#69
 1,3,5-Trichlorobenzene
 Concen: 21.188 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

Tgt Ion:180 Resp: 346983
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.0 115.4
 184 30.2 23.7 35.5
 145 32.9 25.1 37.7

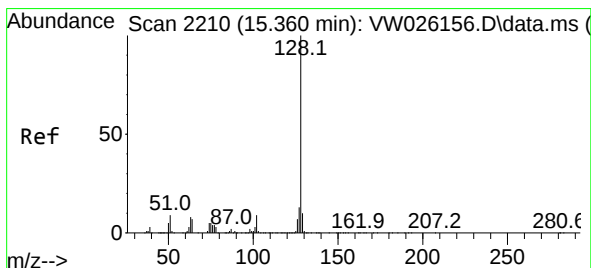
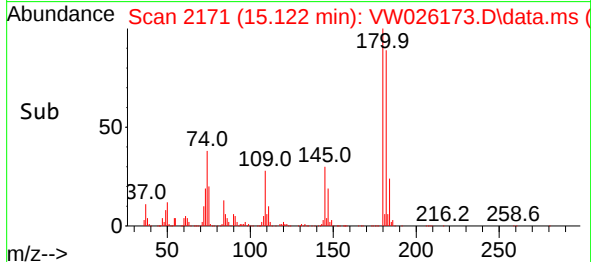
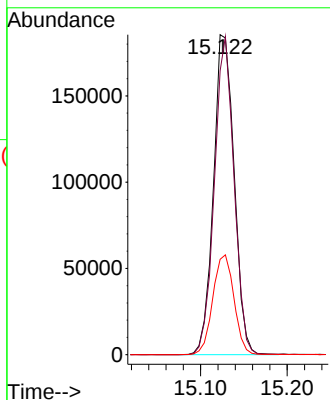
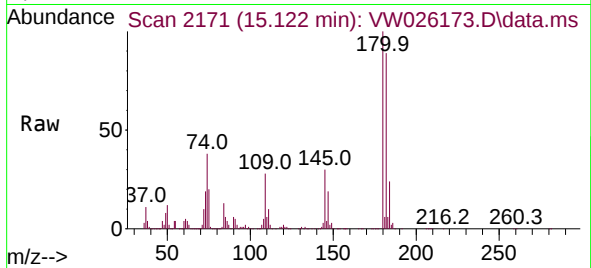




#70
1,2,4-trichlorobenzene
Concen: 22.779 ug/L
RT: 15.122 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

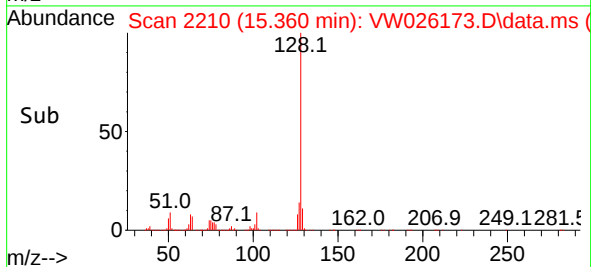
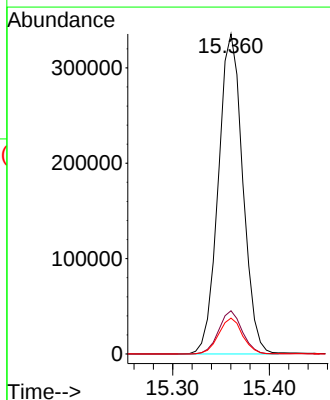
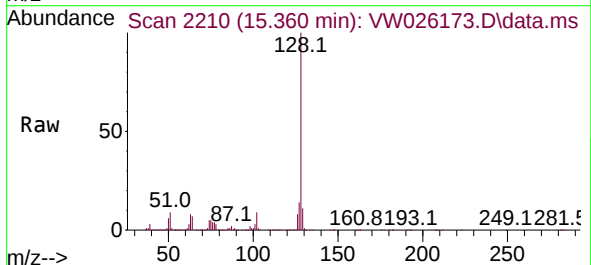
Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

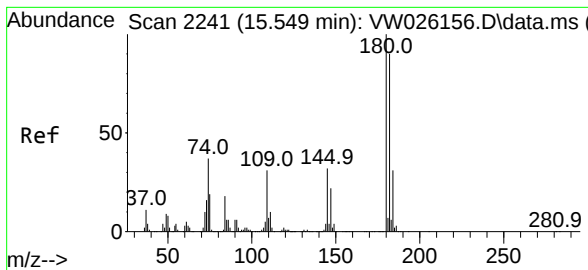
Tgt Ion:180 Resp: 307816
Ion Ratio Lower Upper
180 100
182 94.2 78.9 118.3
145 32.0 27.2 40.8



#71
Naphthalene
Concen: 24.413 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026173.D
Acq: 12 Jun 2023 09:34

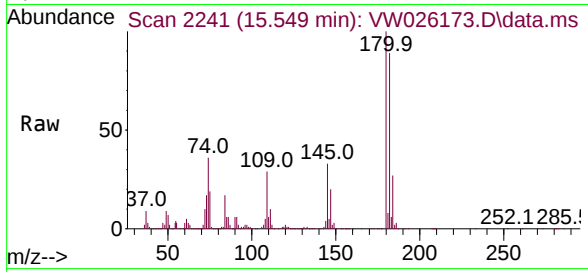
Tgt Ion:128 Resp: 587968
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 21.771 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026173.D
 Acq: 12 Jun 2023 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515



Tgt Ion:	180	Resp:	257118
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.3	114.5
145	35.8	27.0	40.6

