

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026281.D
 Acq On : 21 Jun 2023 10:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Jun 22 01:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	646732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	581133	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	158889	17.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.840%
7) Chloroethane-d5	2.899	69	154190	22.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
11) 1,1-Dichloroethene-d2	4.021	65	85104	18.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.880%
21) 2-Butanone-d5	7.075	46	137360	51.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.720%
24) Chloroform-d	7.648	84	439891	23.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	235094	22.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	8.270	84	814871	20.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.360%
36) 1,2-Dichloropropane-d6	9.270	67	276290	22.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	10.325	98	696553	20.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.360%
43) trans-1,3-Dichloroprop...	10.575	79	96733	19.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.800%
47) 2-Hexanone-d5	10.922	63	91784	46.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	222513	24.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	228813	20.405	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	147517	18.607	ug/L	# 75
3) Chloromethane	2.223	50	226886	22.319	ug/L	97
5) Vinyl chloride	2.375	62	257162	23.666	ug/L	99
6) Bromomethane	2.783	94	142309	24.024	ug/L	96
8) Chloroethane	2.930	64	158058	26.918	ug/L	99
9) Trichlorofluoromethane	3.265	101	178611	25.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	210744	23.891	ug/L	99
13) Acetone	4.125	43	98503	48.060	ug/L	100
14) Carbon disulfide	4.393	76	595951	20.502	ug/L	100
15) Methyl Acetate	4.667	43	106772	23.212	ug/L	98
16) Methylene chloride	4.917	84	227015	21.993	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	208781	22.599	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	331508	22.767	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454405	24.160	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	237184	24.237	ug/L	99
22) 2-Butanone	7.173	43	143985	49.248	ug/L	99
23) Bromochloromethane	7.514	128	96772	23.187	ug/L	96
25) Chloroform	7.673	83	436824	24.935	ug/L	100
27) 1,2-Dichloroethane	8.398	62	289887	23.993	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026281.D
 Acq On : 21 Jun 2023 10:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

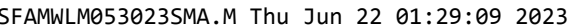
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

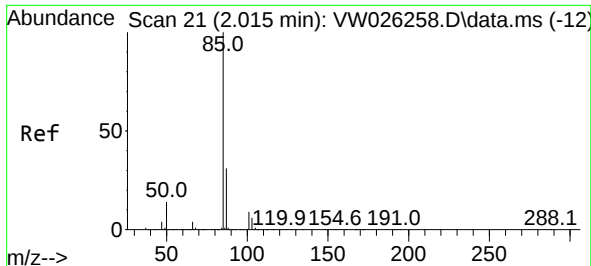
Quant Time: Jun 22 01:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	401790	22.395	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	342577	24.292	ug/L	98
31) Carbon tetrachloride	8.069	117	306725	23.834	ug/L	98
33) Benzene	8.325	78	948425	23.824	ug/L	100
34) Trichloroethene	9.093	95	234695	23.023	ug/L	95
35) Methylcyclohexane	9.331	83	415229	23.020	ug/L	99
37) 1,2-Dichloropropane	9.368	63	264775	24.556	ug/L	100
38) Bromodichloromethane	9.642	83	302373	24.138	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	376369	23.752	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	308274	48.493	ug/L	99
42) Toluene	10.386	91	988632	24.280	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	308896	23.400	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	170022	23.925	ug/L	97
46) Tetrachloroethene	10.861	164	159574	22.132	ug/L	95
48) 2-Hexanone	10.965	43	213432	47.616	ug/L	96
49) Dibromochloromethane	11.123	129	179148	24.044	ug/L	97
50) 1,2-Dibromoethane	11.233	107	152593	23.191	ug/L	97
51) Chlorobenzene	11.654	112	617591	24.205	ug/L	99
52) Ethylbenzene	11.727	91	1118647	24.354	ug/L	98
53) m,p-Xylene	11.837	106	410241	24.008	ug/L	94
54) o-Xylene	12.166	106	386817	23.985	ug/L	96
55) Styrene	12.178	104	688969	24.901	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	204855	23.820	ug/L	96
59) Bromoform	12.349	173	93878	21.334	ug/L	98
60) Isopropylbenzene	12.465	105	1074568	23.348	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	150079	22.869	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	876018	23.944	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	781071	23.309	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	451381	23.326	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	456110	23.411	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	395937	22.785	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31081	20.442	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	271899	20.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	230507	21.015	ug/L	99
71) Naphthalene	15.360	128	407194	20.829	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	202366	21.110	ug/L	97

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

Quant Time: Jun 22 01:28:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
Response via : Initial Calibration

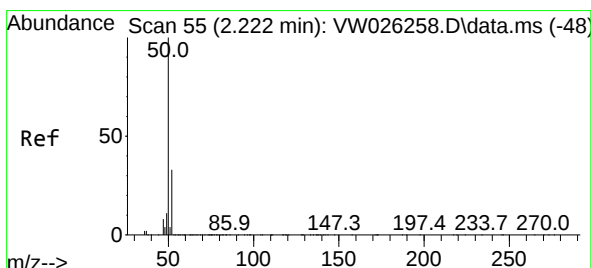
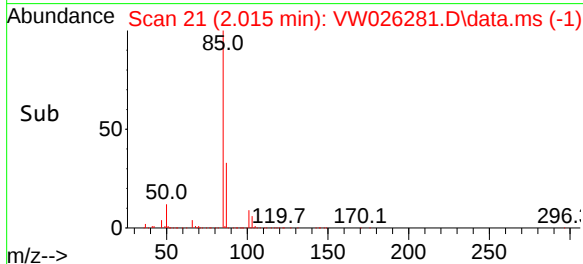
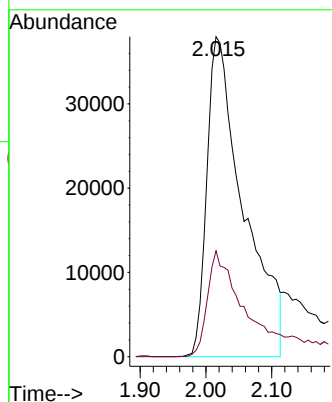
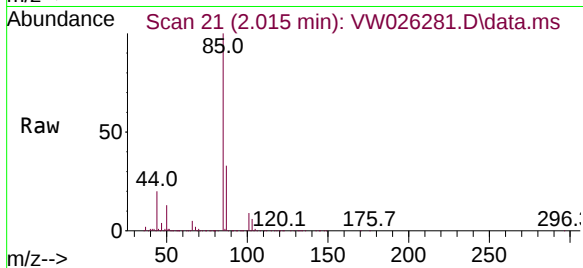




#2
 Dichlorodifluoromethane
 Concen: 18.607 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

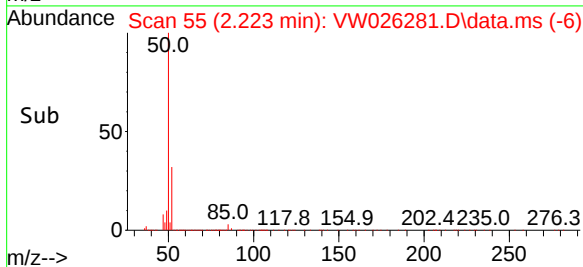
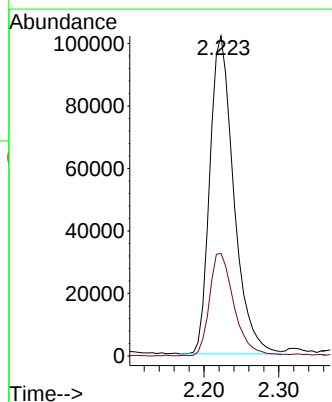
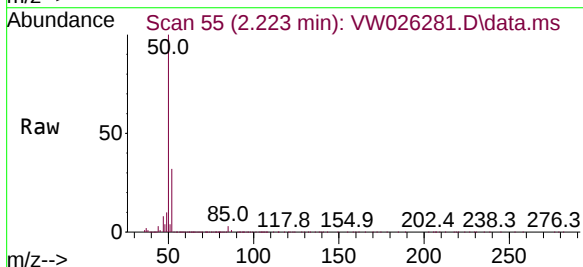
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

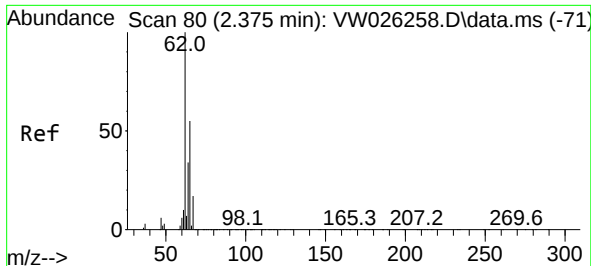
Tgt Ion: 85 Resp: 147517
 Ion Ratio Lower Upper
 85 100
 87 14.7 22.2 33.2#



#3
 Chloromethane
 Concen: 22.319 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Tgt Ion: 50 Resp: 226886
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.3 39.6

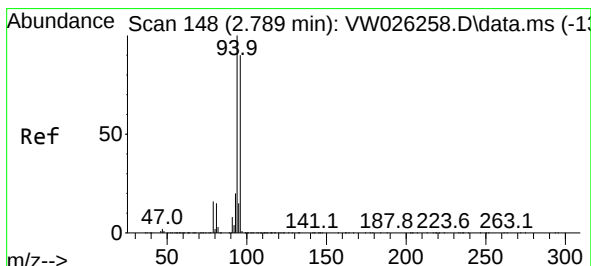
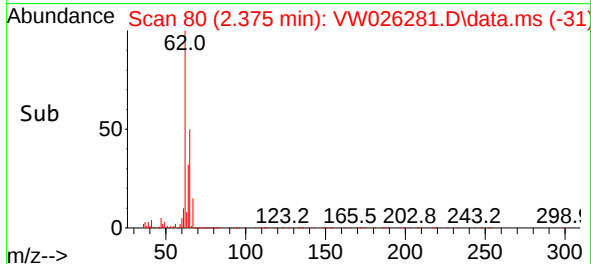
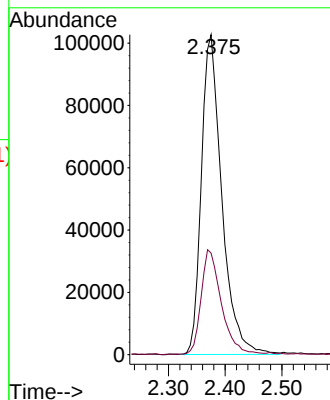
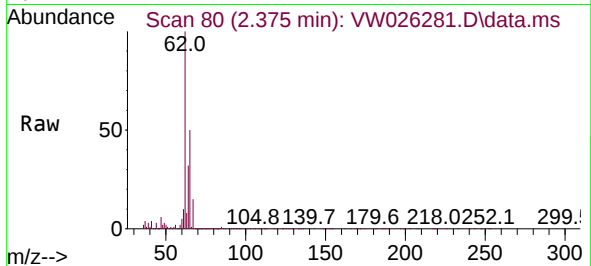




#5
 Vinyl chloride
 Concen: 23.666 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

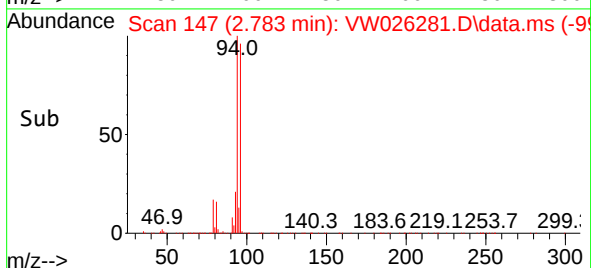
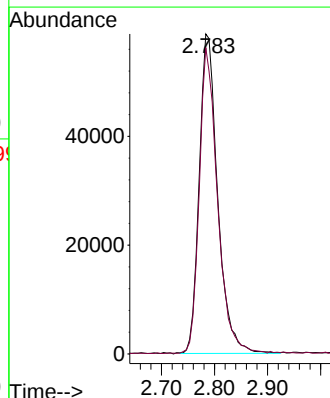
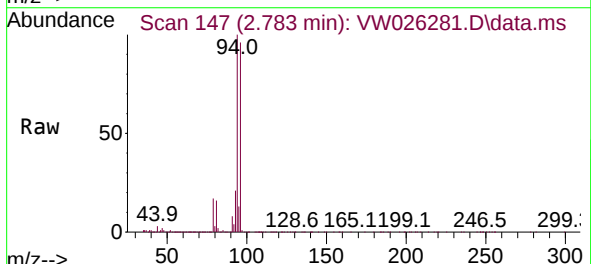
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

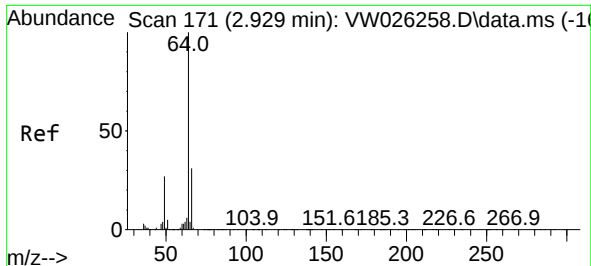
Tgt Ion: 62 Resp: 257162
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.1



#6
 Bromomethane
 Concen: 24.024 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Tgt Ion: 94 Resp: 142309
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.2 119.2

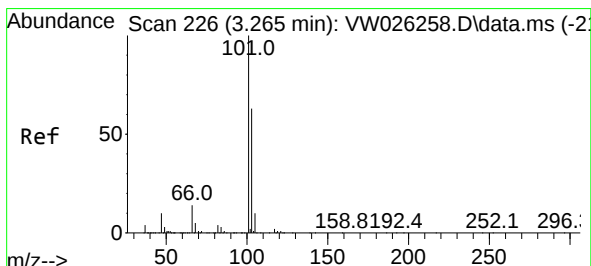
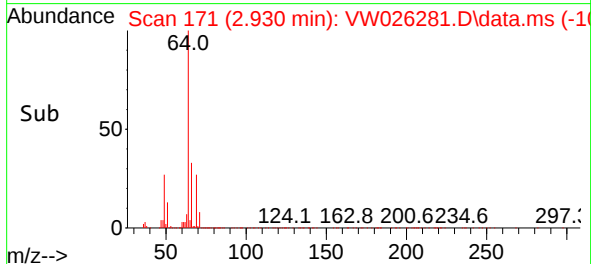
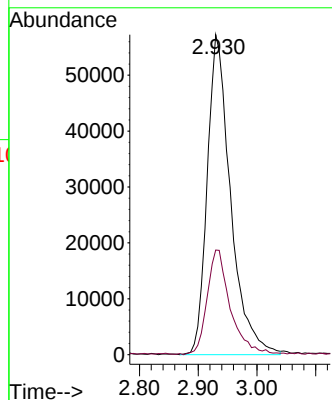
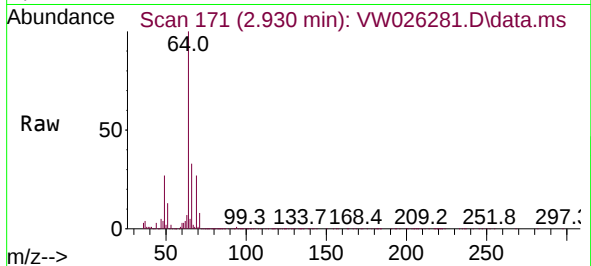




#8
Chloroethane
Concen: 26.918 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

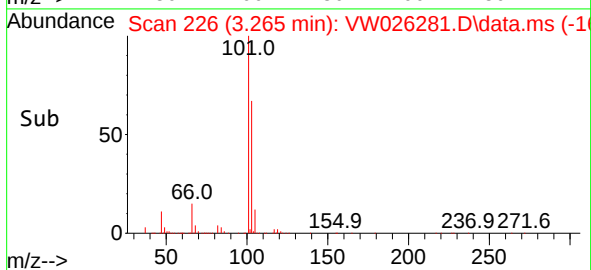
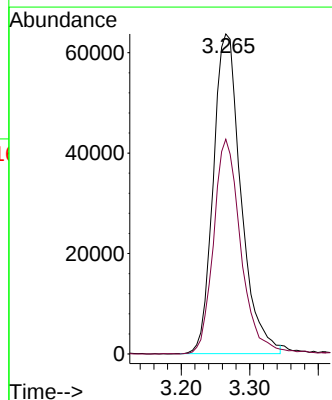
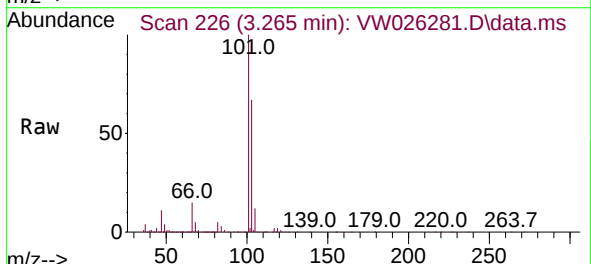
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

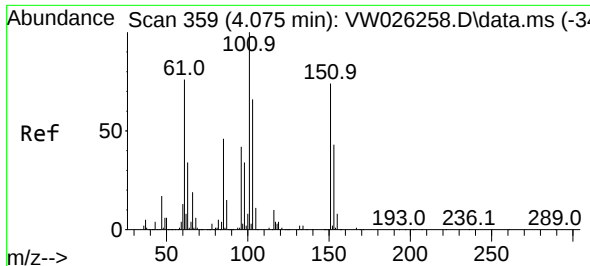
Tgt Ion: 64 Resp: 158058
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.550 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 101 Resp: 178611
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

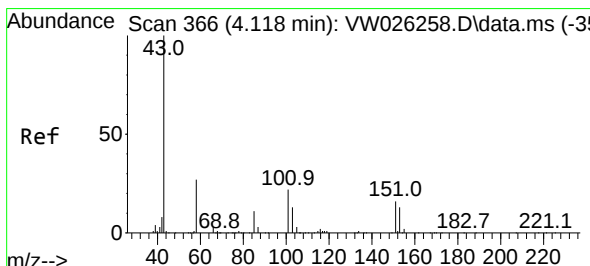
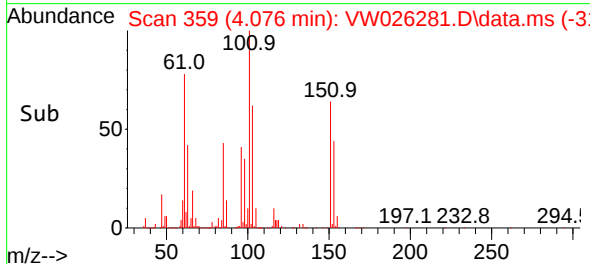
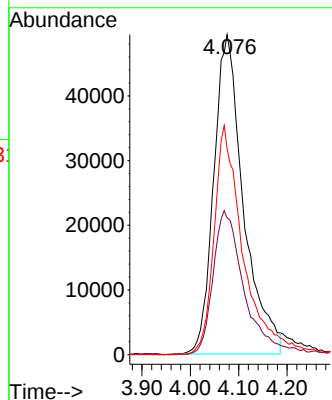
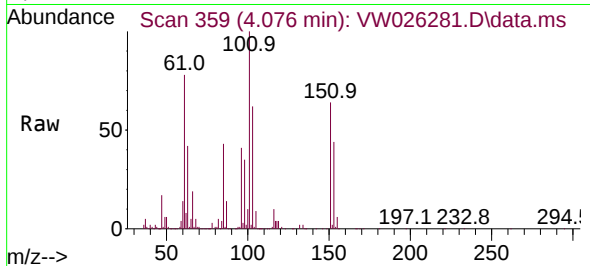




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.891 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

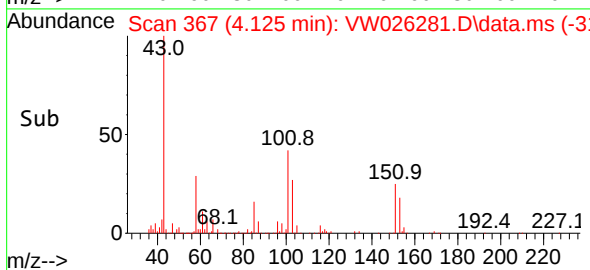
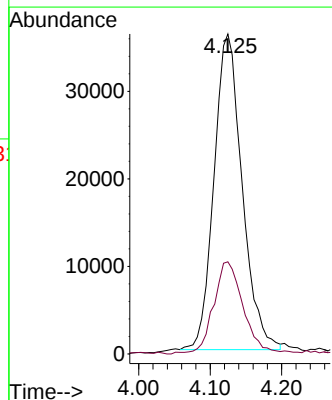
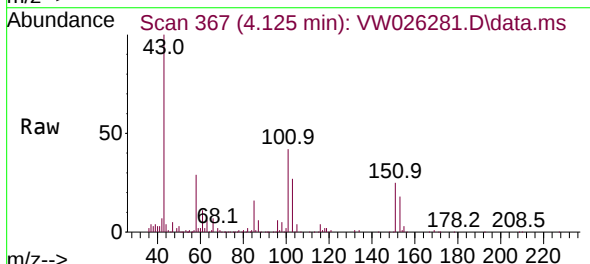
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

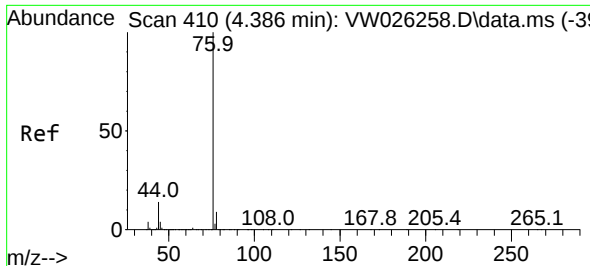
Tgt Ion:101 Resp: 210744
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.1 54.1
 151 68.4 55.1 82.7



#13
 Acetone
 Concen: 48.060 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. 0.007 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Tgt Ion: 43 Resp: 98503
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 58.2

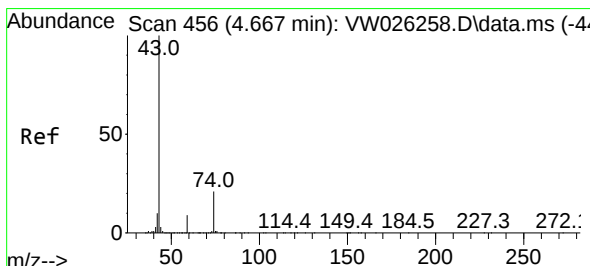
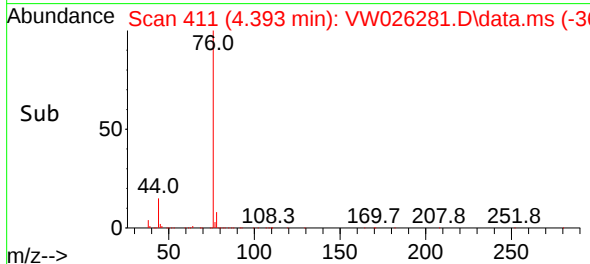
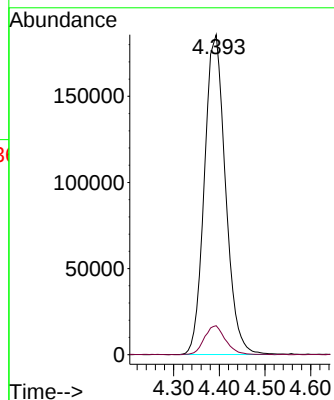
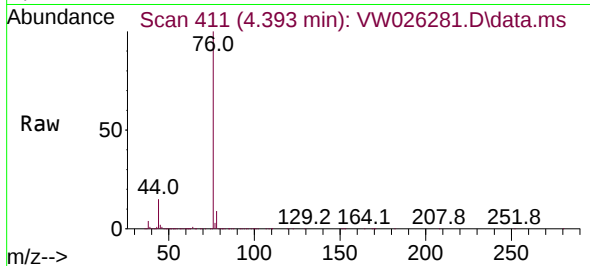




#14
Carbon disulfide
Concen: 20.502 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

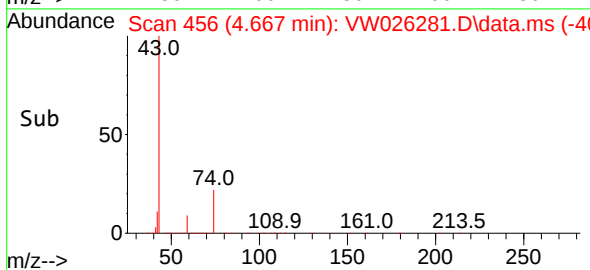
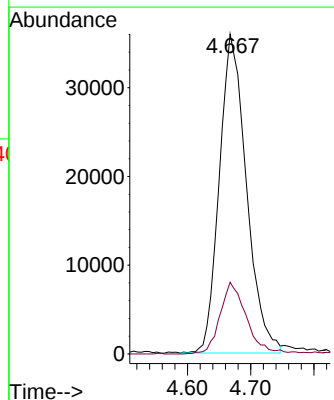
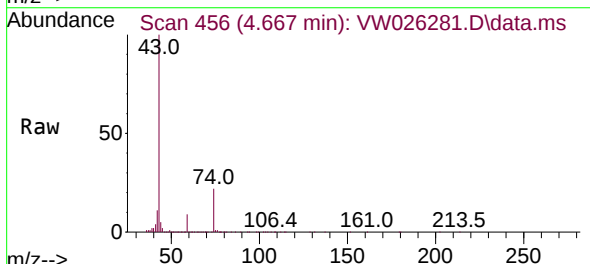
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

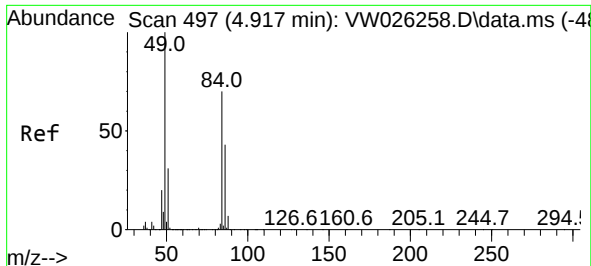
Tgt Ion: 76 Resp: 595951
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#15
Methyl Acetate
Concen: 23.212 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 43 Resp: 106772
Ion Ratio Lower Upper
43 100
74 21.6 16.6 25.0

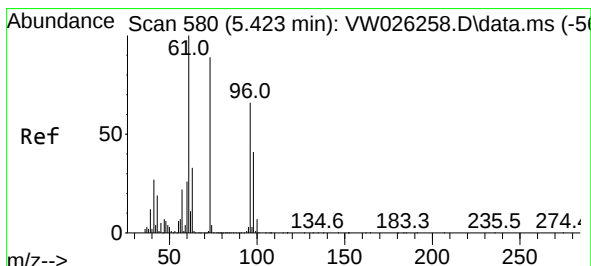
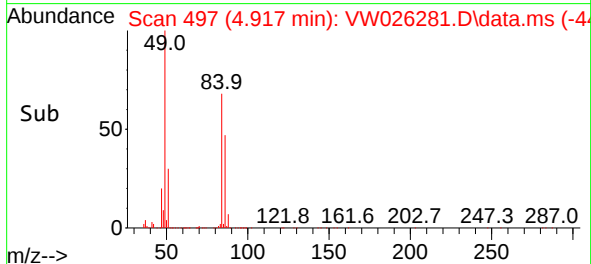
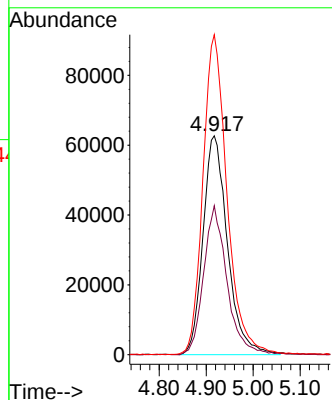
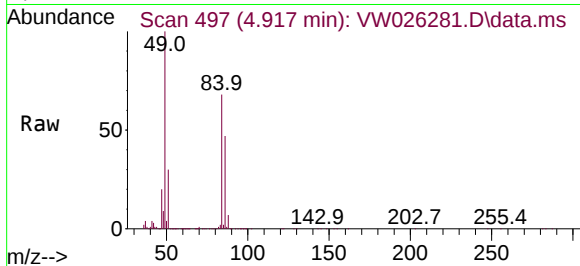




#16
Methylene chloride
Concen: 21.993 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

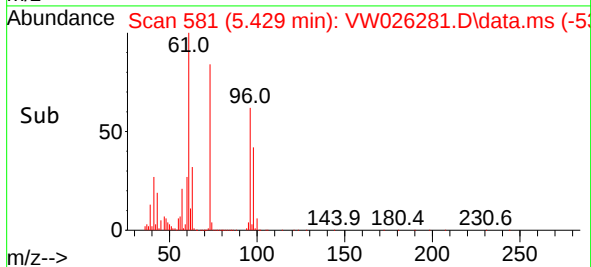
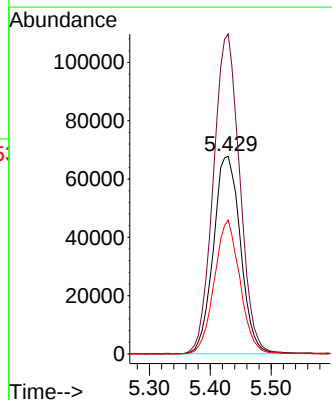
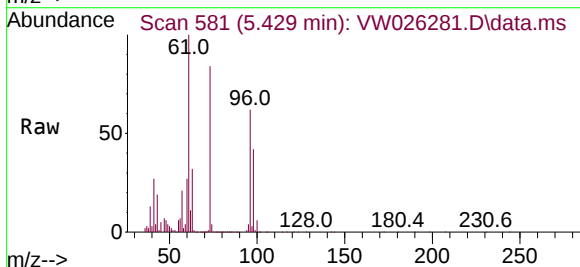
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

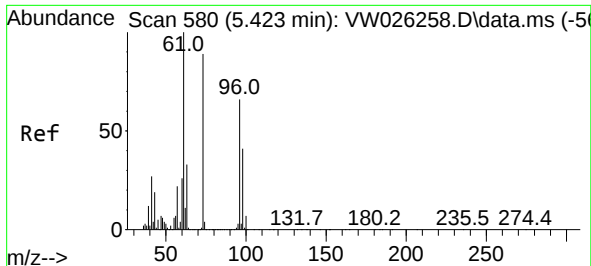
Tgt Ion: 84 Resp: 227015
Ion Ratio Lower Upper
84 100
86 68.0 44.2 82.0
49 146.2 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 22.599 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 96 Resp: 208781
Ion Ratio Lower Upper
96 100
61 161.9 113.0 209.8
98 67.8 42.5 78.9

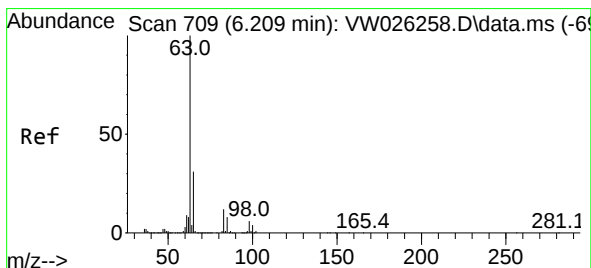
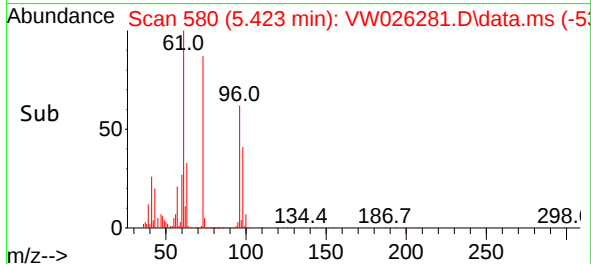
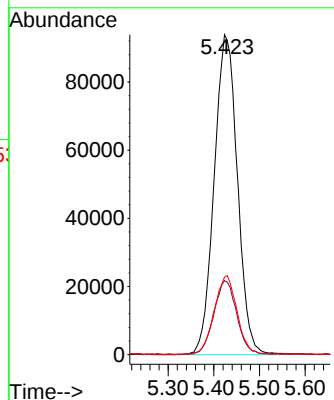
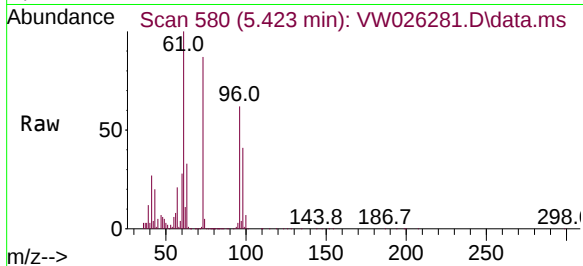




#18
Methyl tert-butyl Ether
Concen: 22.767 ug/L
RT: 5.423 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

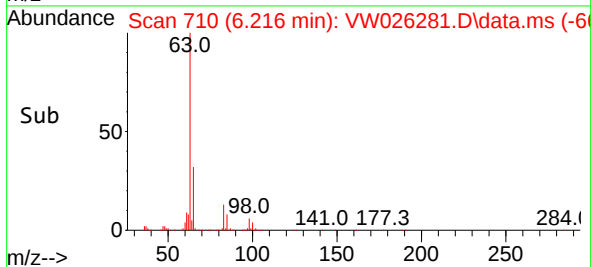
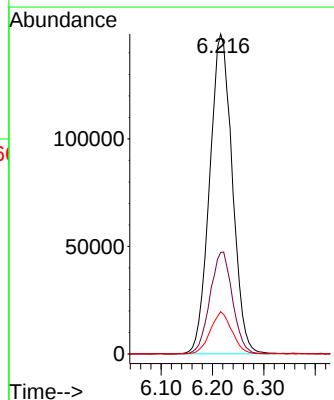
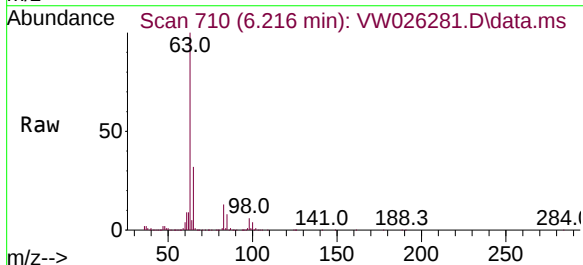
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

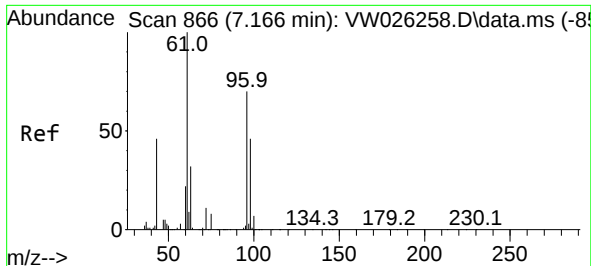
Tgt Ion: 73 Resp: 331508
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.0 18.9 28.3



#19
1,1-Dichloroethane
Concen: 24.160 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 63 Resp: 454405
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.5
83 13.2 9.1 16.9

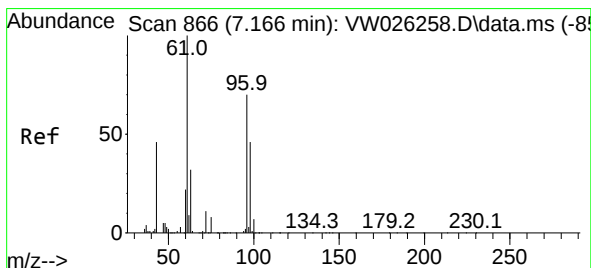
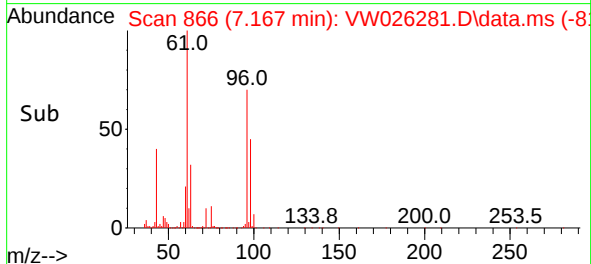
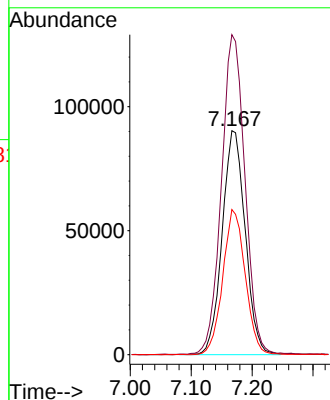
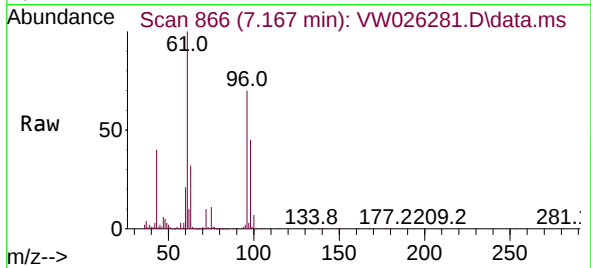




#20
 cis-1,2-Dichloroethene
 Concen: 24.237 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

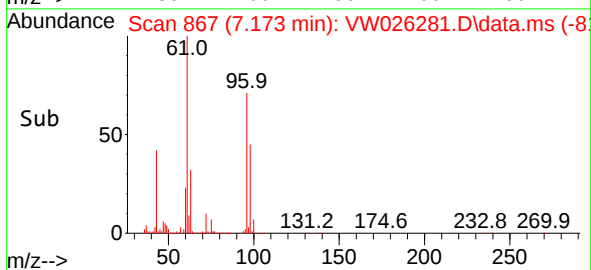
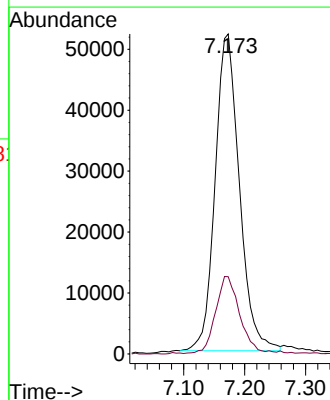
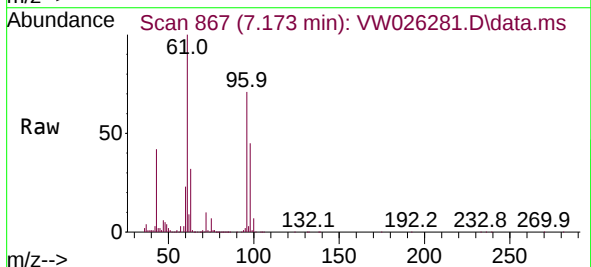
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

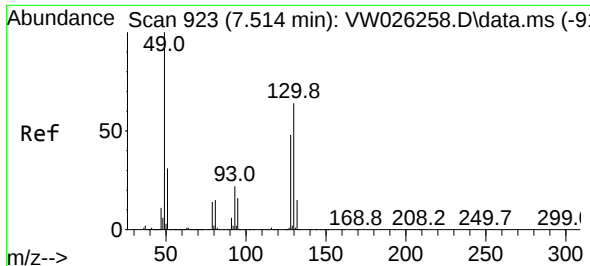
Tgt Ion: 96 Resp: 237184
 Ion Ratio Lower Upper
 96 100
 61 142.9 98.4 182.8
 98 64.8 45.2 84.0



#22
 2-Butanone
 Concen: 49.248 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.007 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Tgt Ion: 43 Resp: 143985
 Ion Ratio Lower Upper
 43 100
 72 24.2 12.4 37.4

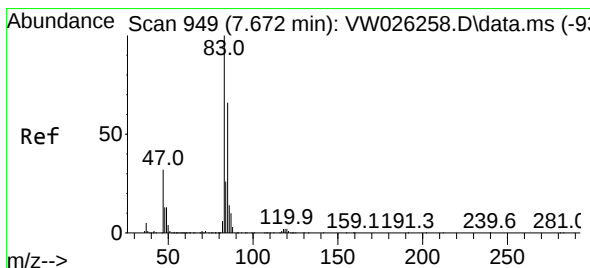
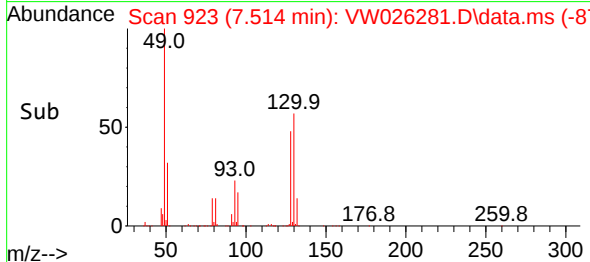
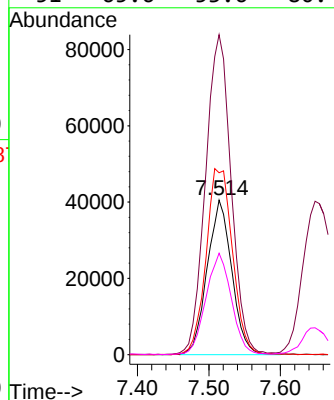
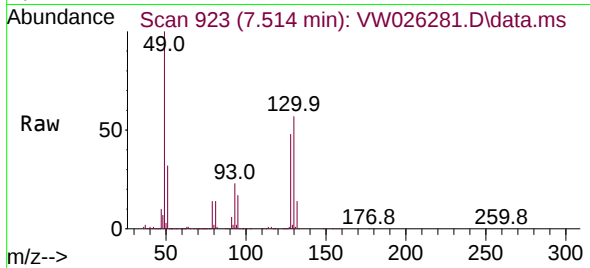




#23
Bromochloromethane
Concen: 23.187 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

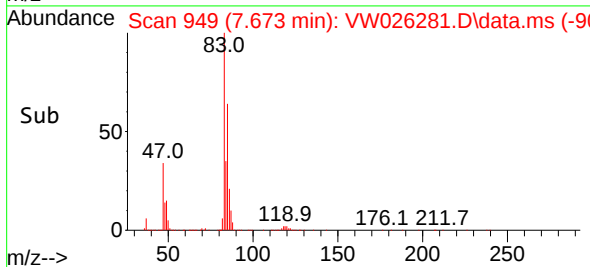
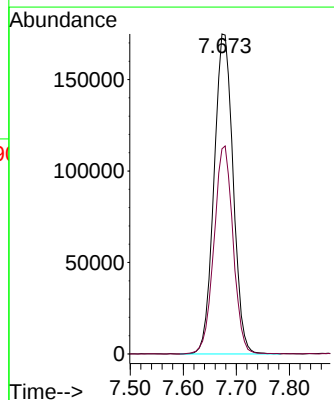
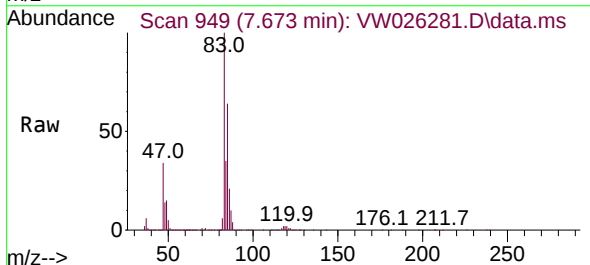
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

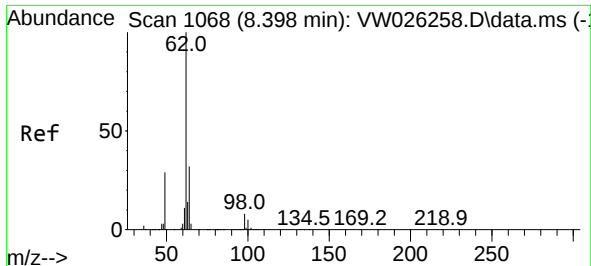
Tgt Ion:	128	Resp:	96772
Ion	Ratio	Lower	Upper
128	100		
49	207.1	140.6	261.0
130	117.7	86.0	159.6
51	65.6	53.6	80.4



#25
Chloroform
Concen: 24.935 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:	83	Resp:	436824
Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.1	83.7

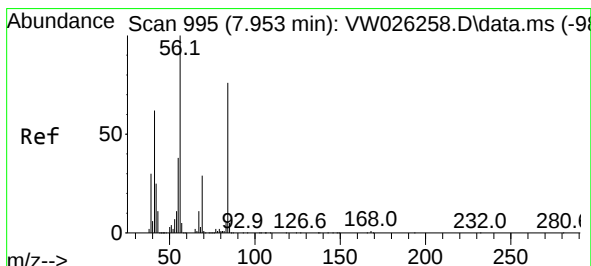
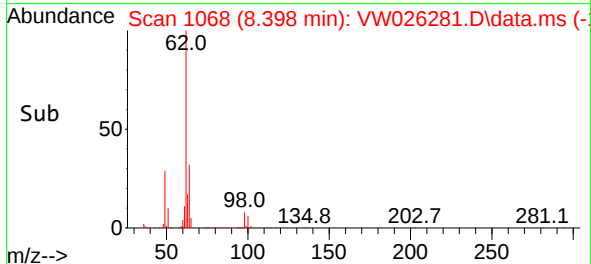
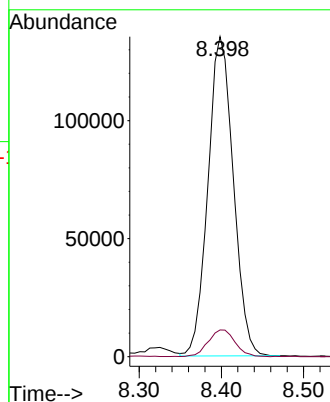
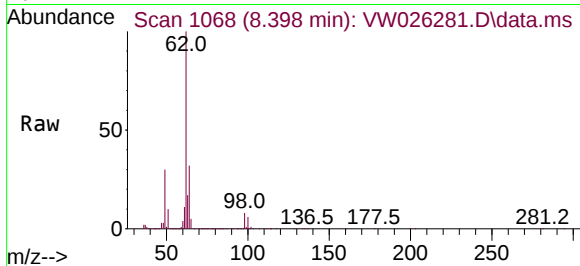




#27
1,2-Dichloroethane
Concen: 23.993 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

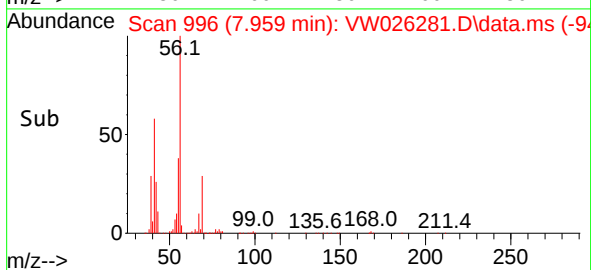
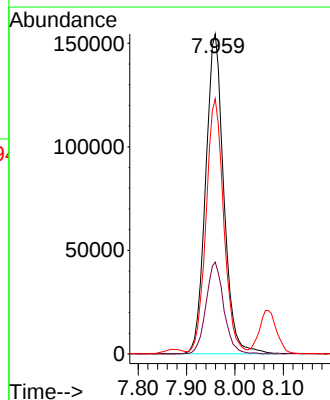
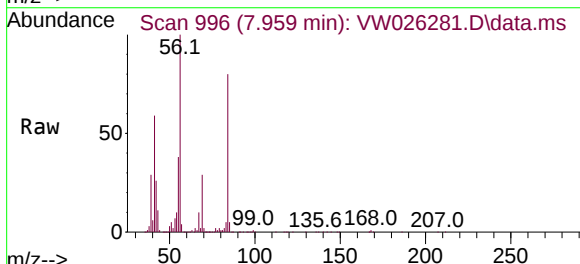
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

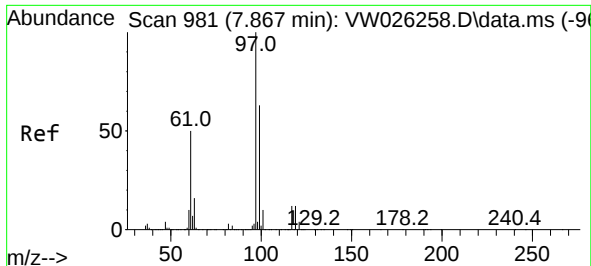
Tgt Ion: 62 Resp: 289887
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.2



#29
Cyclohexane
Concen: 22.395 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 56 Resp: 401790
Ion Ratio Lower Upper
56 100
69 28.1 23.3 34.9
84 78.2 63.0 94.6

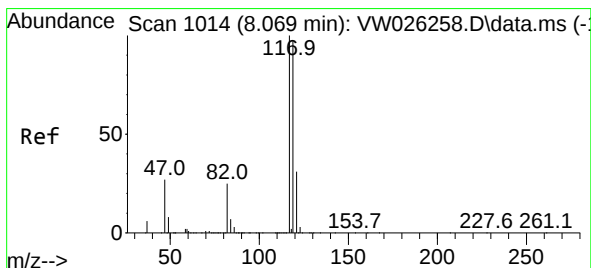
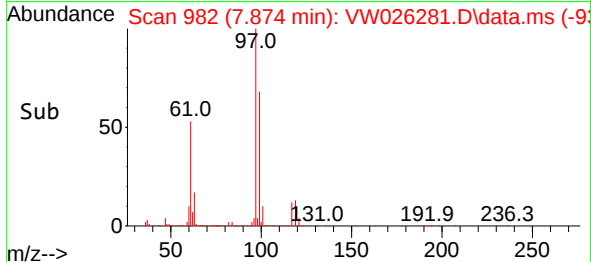
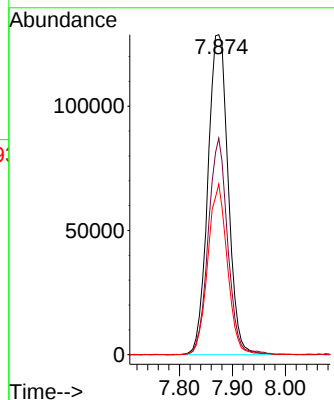
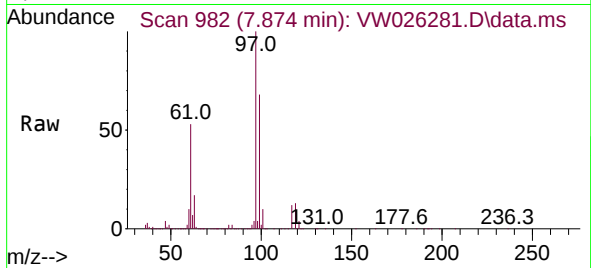




#30
1,1,1-Trichloroethane
Concen: 24.292 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

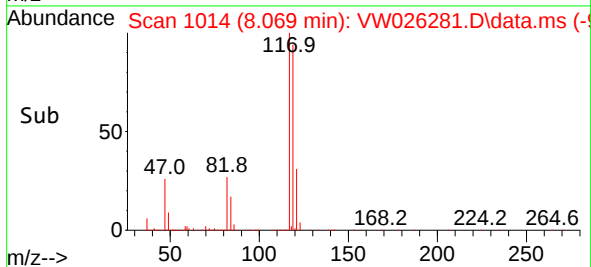
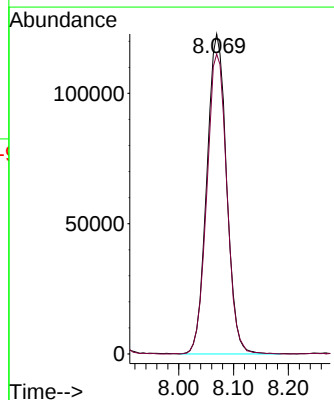
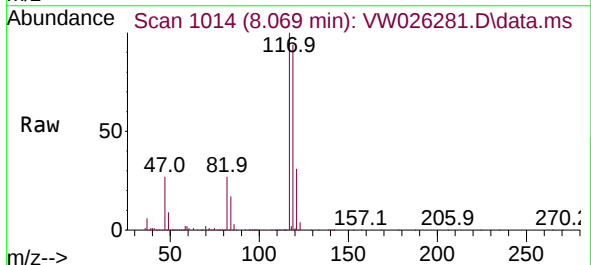
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

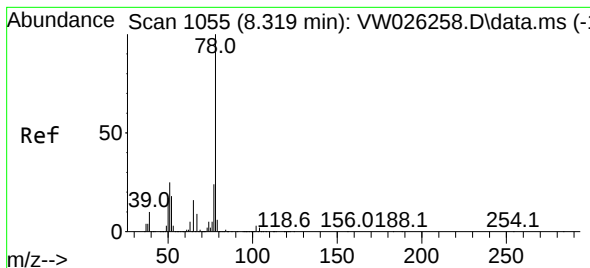
Tgt Ion: 97 Resp: 342577
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 51.4 40.5 60.7



#31
Carbon tetrachloride
Concen: 23.834 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 117 Resp: 306725
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2





#33

Benzene

Concen: 23.824 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.007 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

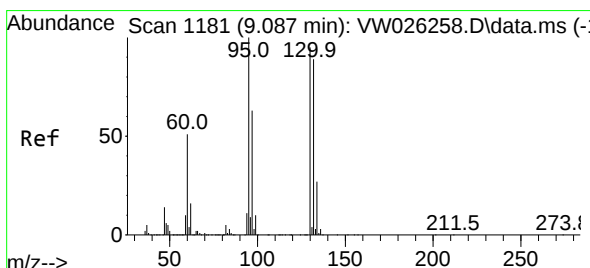
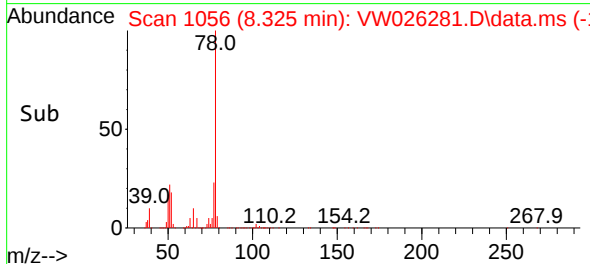
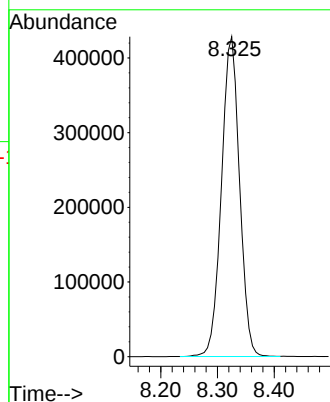
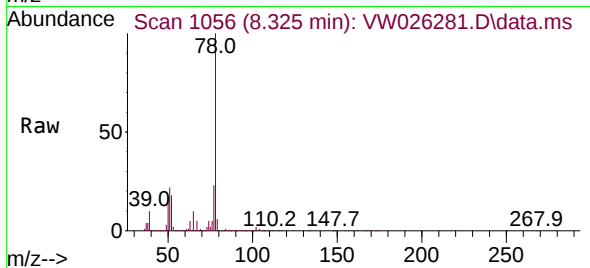
Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion: 78 Resp: 948425



#34

Trichloroethene

Concen: 23.023 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.007 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Tgt Ion: 95 Resp: 234695

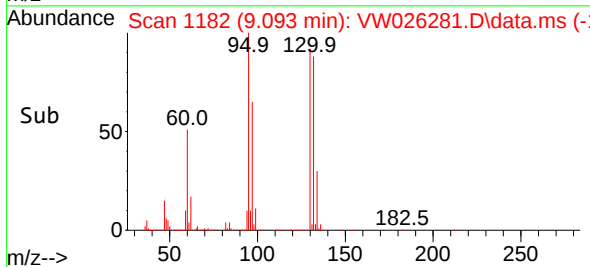
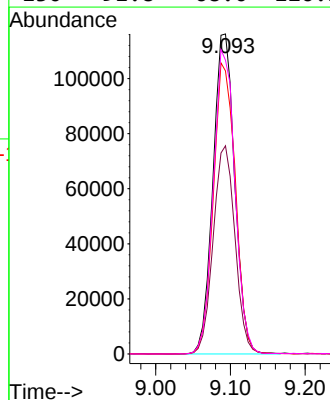
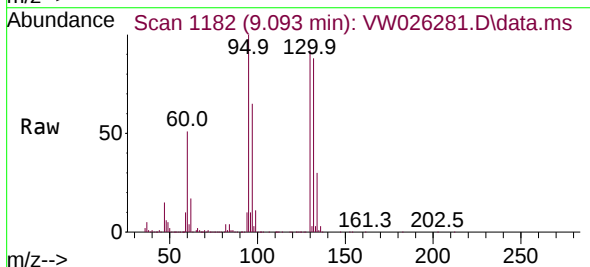
Ion Ratio Lower Upper

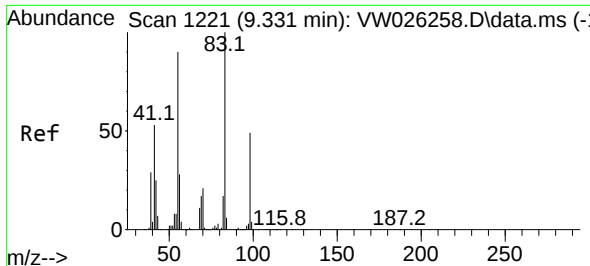
95 100

97 65.1 45.9 85.3

132 88.4 67.1 124.7

130 91.8 68.0 126.2

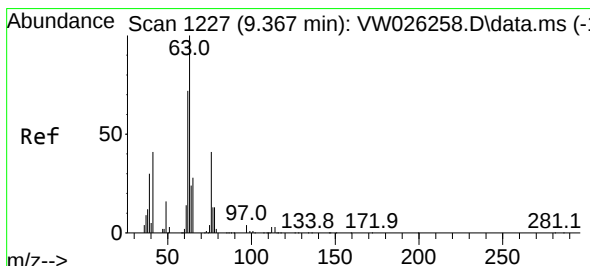
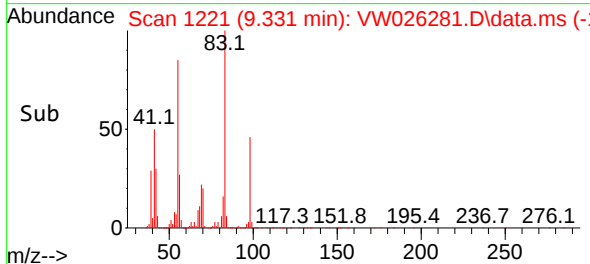
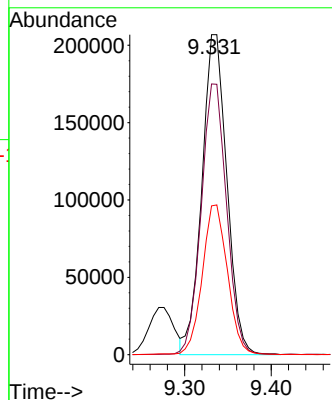
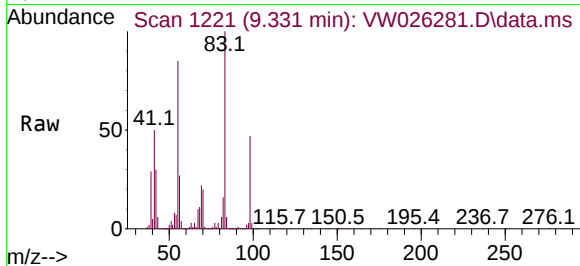




#35
Methylcyclohexane
Concen: 23.020 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

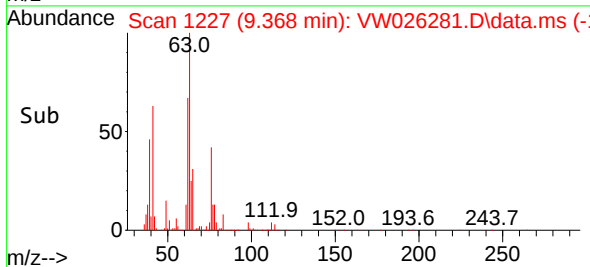
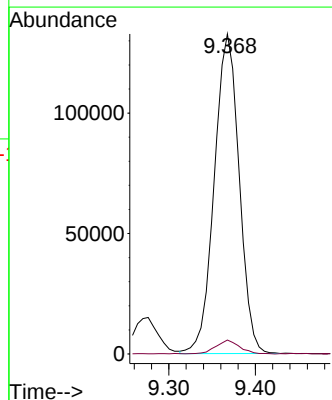
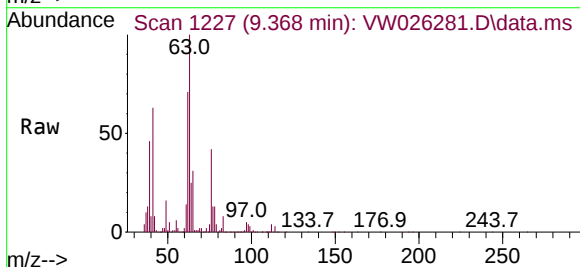
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

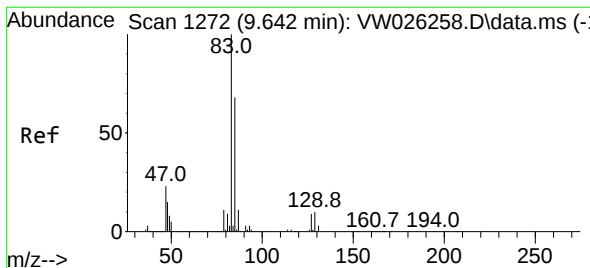
Tgt Ion: 83 Resp: 415229
Ion Ratio Lower Upper
83 100
55 85.9 68.2 102.4
98 47.1 38.1 57.1



#37
1,2-Dichloropropane
Concen: 24.556 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 63 Resp: 264775
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9





#38

Bromodichloromethane

Concen: 24.138 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

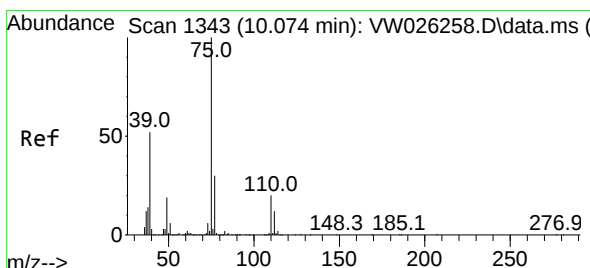
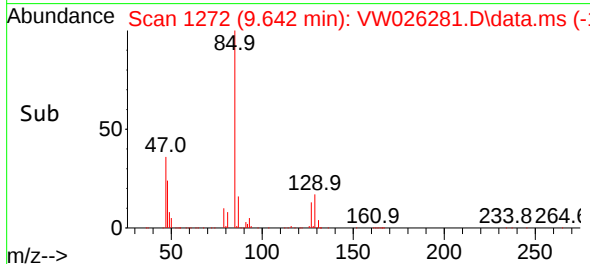
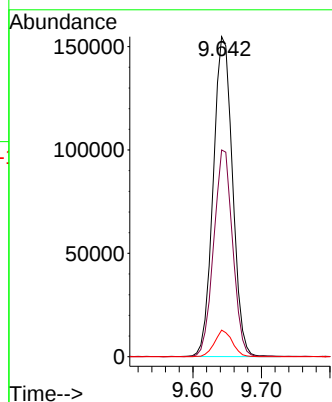
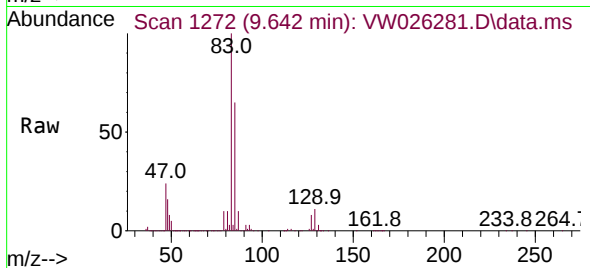
Tgt Ion: 83 Resp: 302373

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.0

127 8.3 6.2 9.2



#39

cis-1,3-Dichloropropene

Concen: 23.752 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026281.D

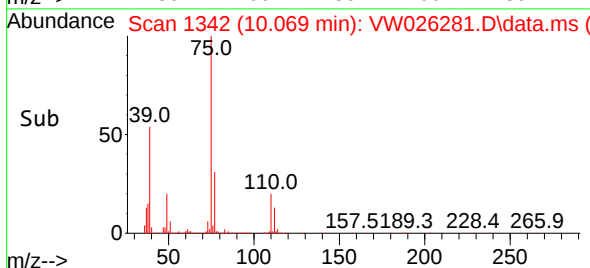
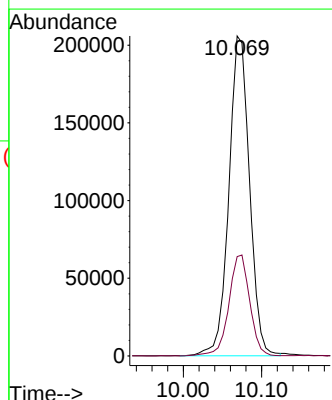
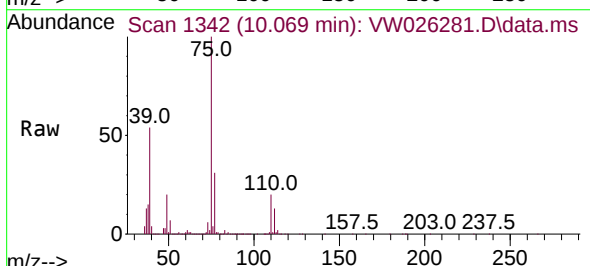
Acq: 21 Jun 2023 10:33

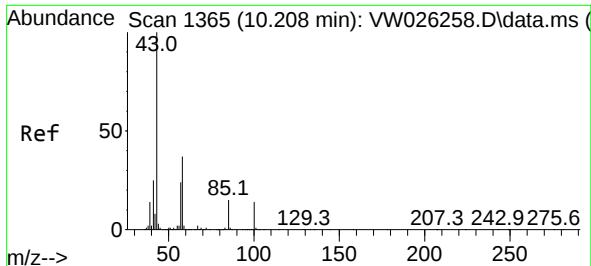
Tgt Ion: 75 Resp: 376369

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 48.493 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

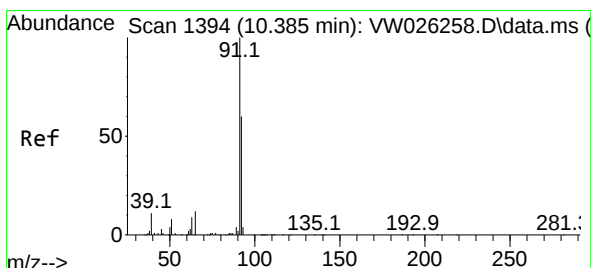
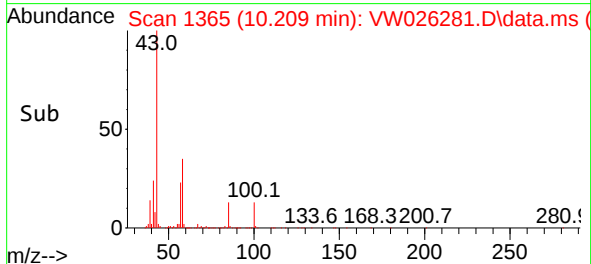
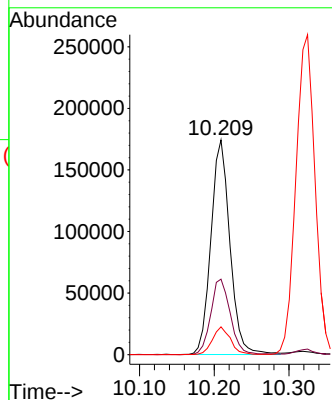
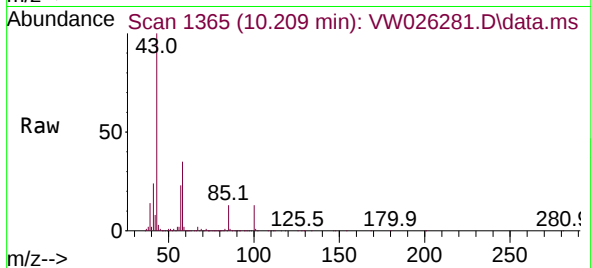
Tgt Ion: 43 Resp: 308274

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.4

100 12.3 10.5 15.7



#42

Toluene

Concen: 24.280 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026281.D

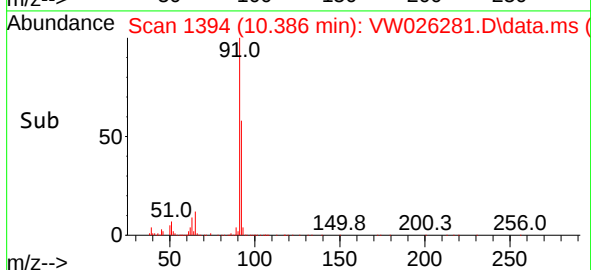
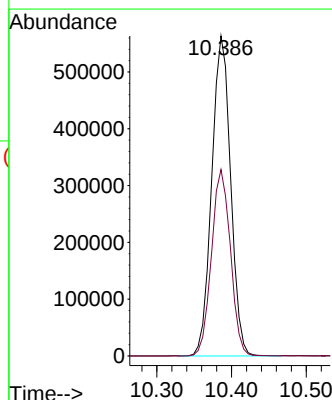
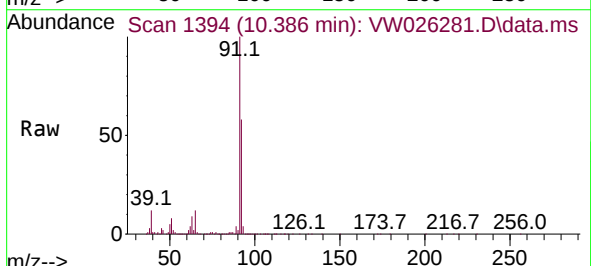
Acq: 21 Jun 2023 10:33

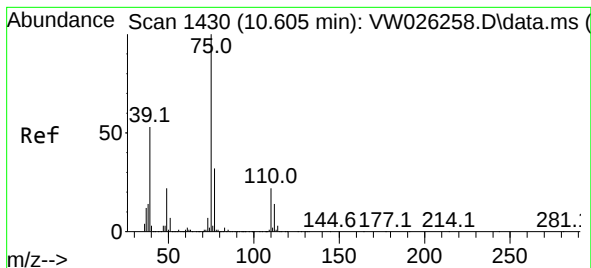
Tgt Ion: 91 Resp: 988632

Ion Ratio Lower Upper

91 100

92 58.3 42.2 78.4





#44

trans-1,3-Dichloropropene

Concen: 23.400 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

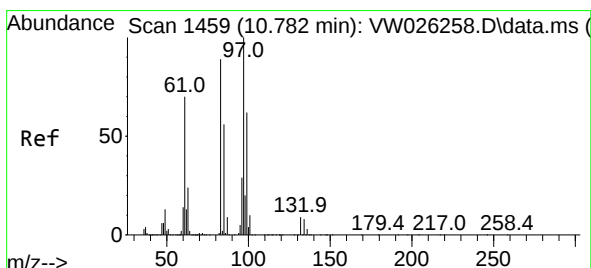
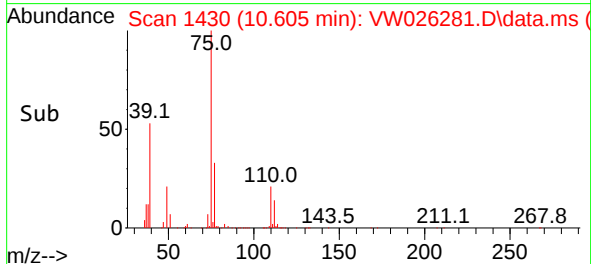
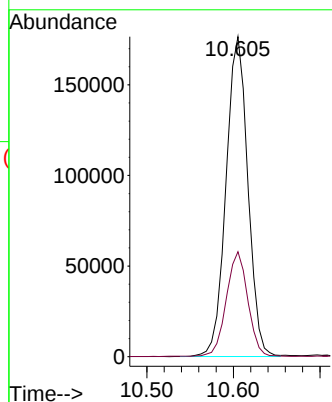
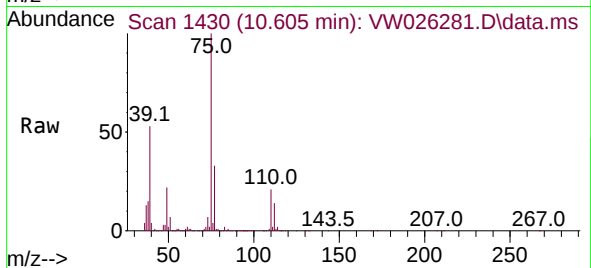
VSTD025527

Tgt Ion: 75 Resp: 308896

Ion Ratio Lower Upper

75 100

77 32.8 21.1 39.3



#45

1,1,2-Trichloroethane

Concen: 23.925 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.007 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Tgt Ion: 97 Resp: 170022

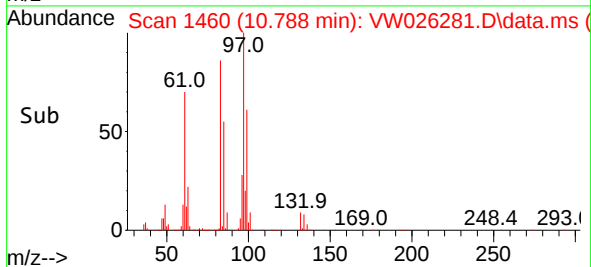
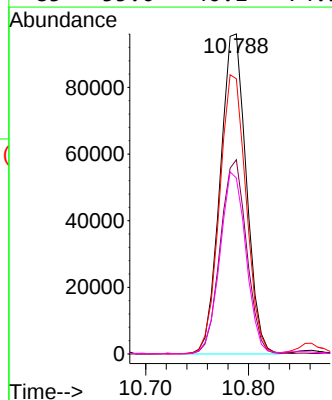
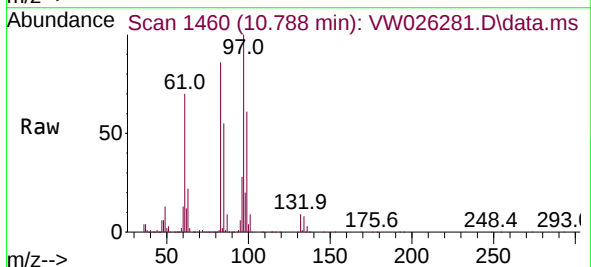
Ion Ratio Lower Upper

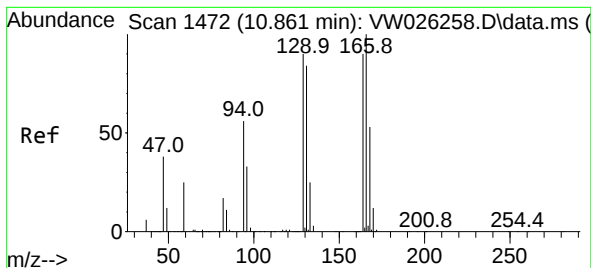
97 100

99 60.7 43.3 80.5

83 86.0 62.9 116.9

85 55.0 40.1 74.5





#46

Tetrachloroethene

Concen: 22.132 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion:164 Resp: 159574

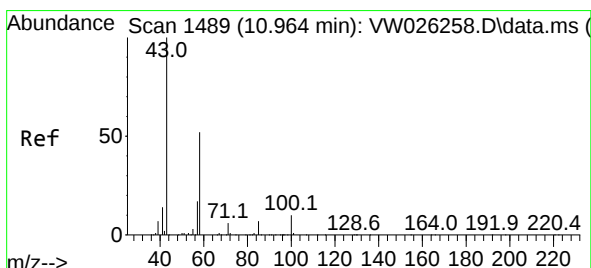
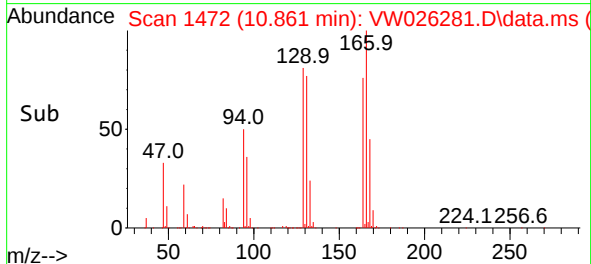
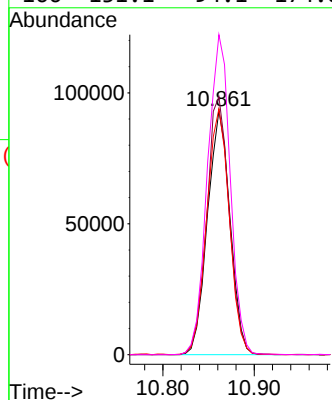
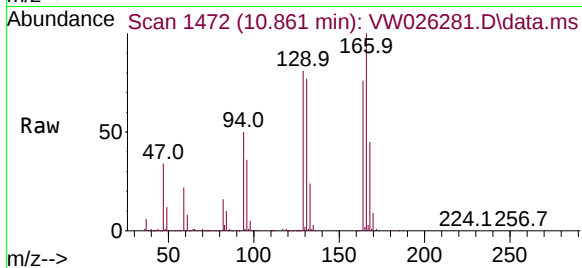
Ion Ratio Lower Upper

164 100

129 105.7 68.5 127.1

131 100.8 67.1 124.7

166 131.1 94.1 174.8



#48

2-Hexanone

Concen: 47.616 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Tgt Ion: 43 Resp: 213432

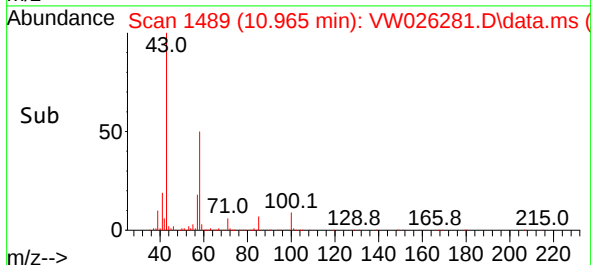
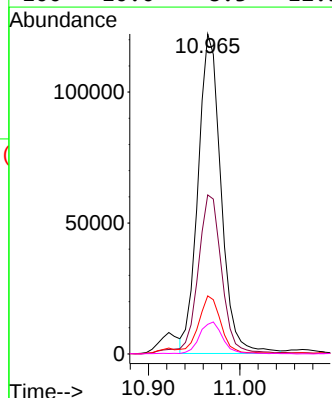
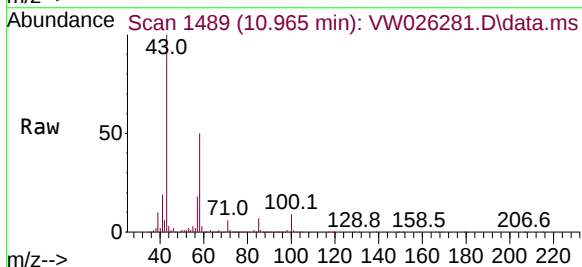
Ion Ratio Lower Upper

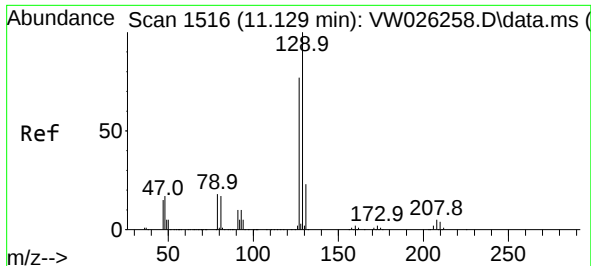
43 100

58 49.4 42.2 63.2

57 16.5 14.2 21.2

100 10.0 8.3 12.5





#49

Dibromochloromethane

Concen: 24.044 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

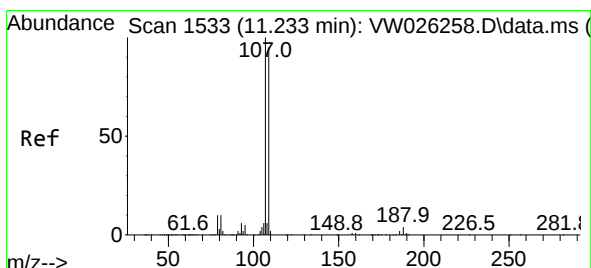
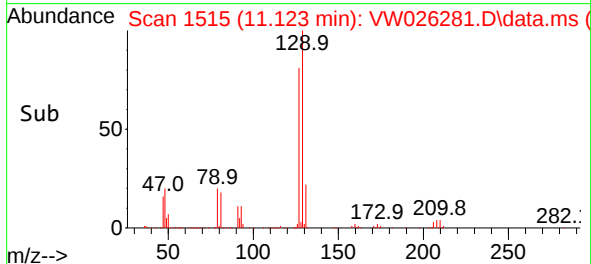
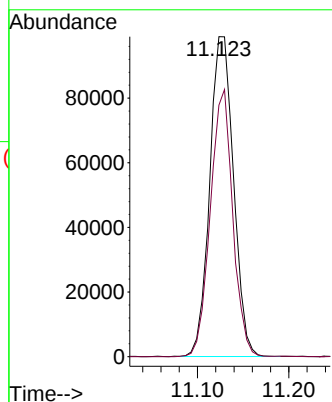
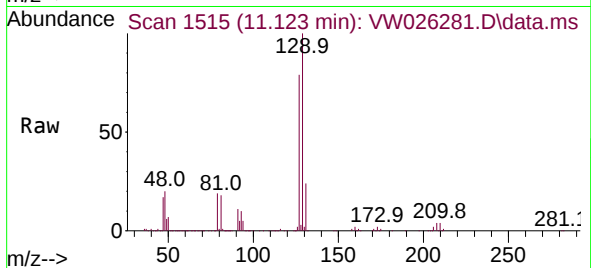
VSTD025527

Tgt Ion:129 Resp: 179148

Ion Ratio Lower Upper

129 100

127 78.6 56.9 105.7



#50

1,2-Dibromoethane

Concen: 23.191 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

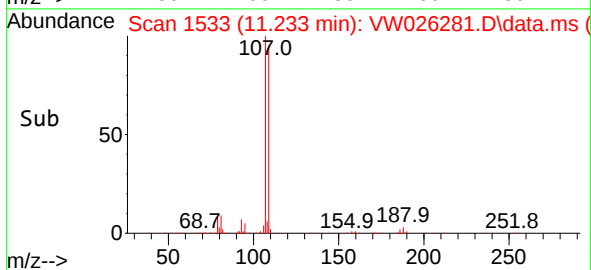
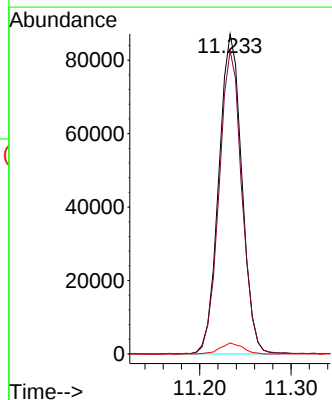
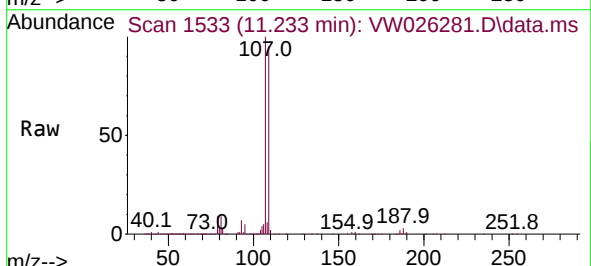
Tgt Ion:107 Resp: 152593

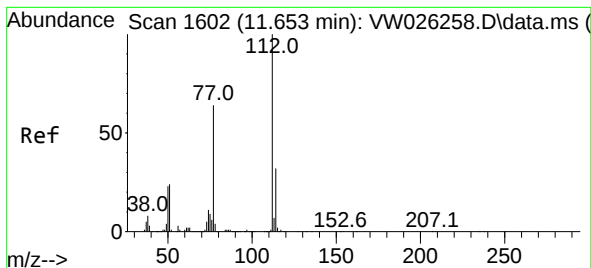
Ion Ratio Lower Upper

107 100

109 94.8 64.0 119.0

188 3.4 2.6 3.8





#51

Chlorobenzene

Concen: 24.205 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

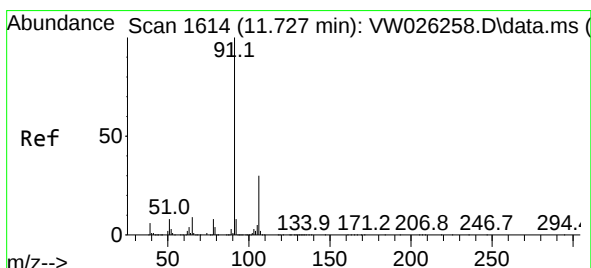
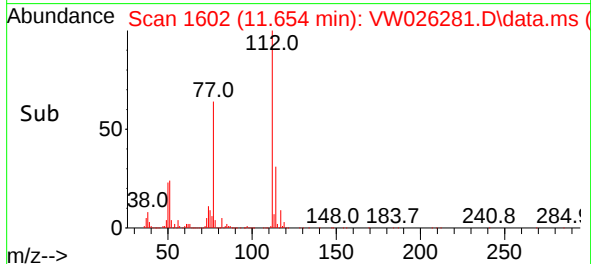
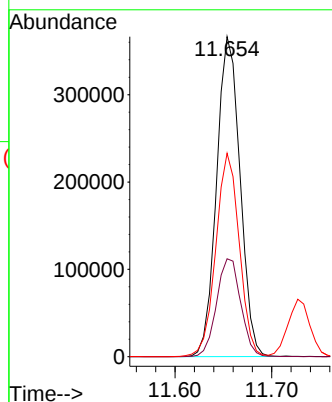
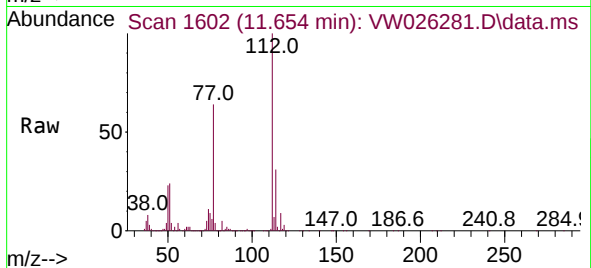
Tgt Ion:112 Resp: 617591

Ion Ratio Lower Upper

112 100

114 30.6 23.0 42.6

77 63.5 50.9 76.3



#52

Ethylbenzene

Concen: 24.354 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW026281.D

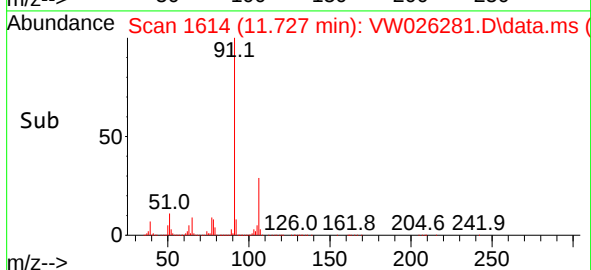
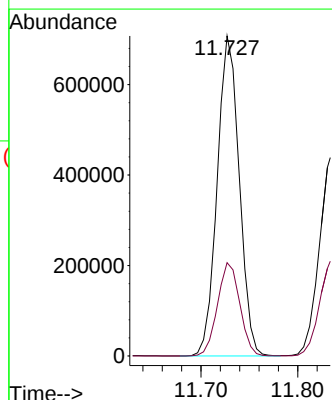
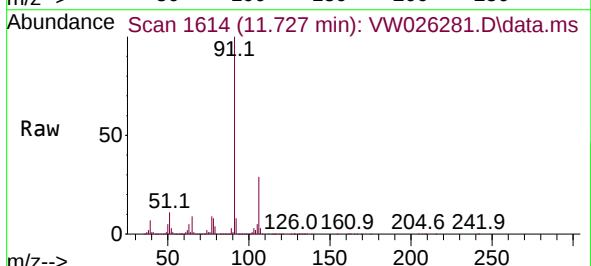
Acq: 21 Jun 2023 10:33

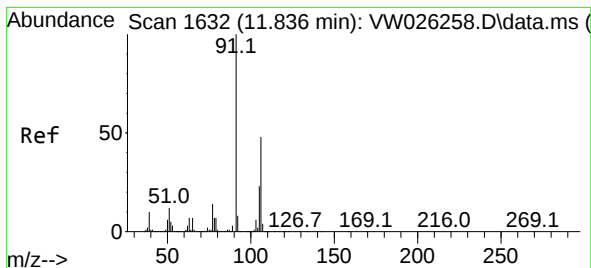
Tgt Ion: 91 Resp: 1118647

Ion Ratio Lower Upper

91 100

106 29.1 21.2 39.4





#53

m,p-Xylene

Concen: 24.008 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026281.D

Acq: 21 Jun 2023 10:33

Instrument :

MSVOA_W

ClientSampleId :

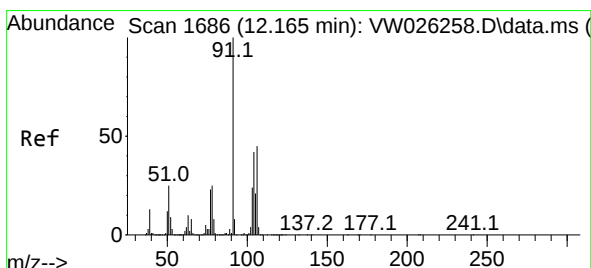
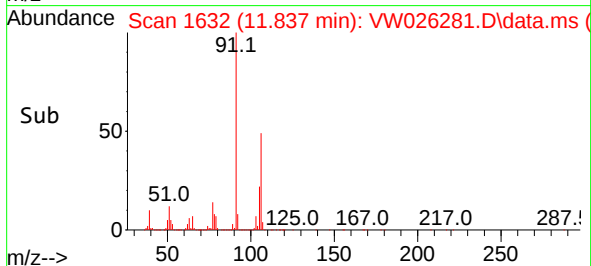
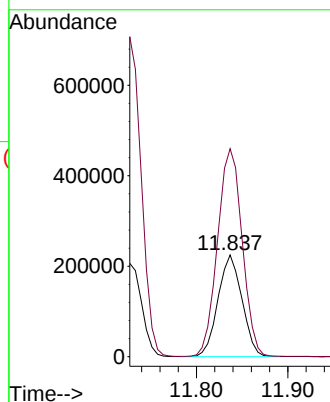
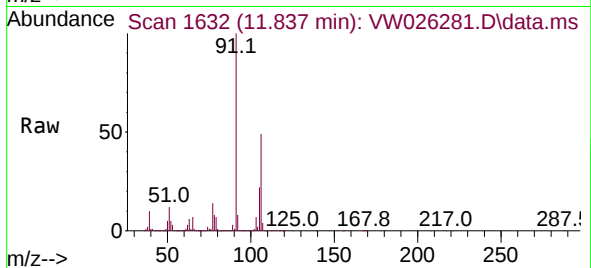
VSTD025527

Tgt Ion:106 Resp: 410241

Ion Ratio Lower Upper

106 100

91 204.2 149.5 277.7



#54

o-Xylene

Concen: 23.985 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW026281.D

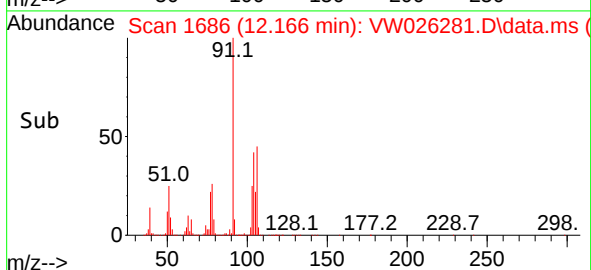
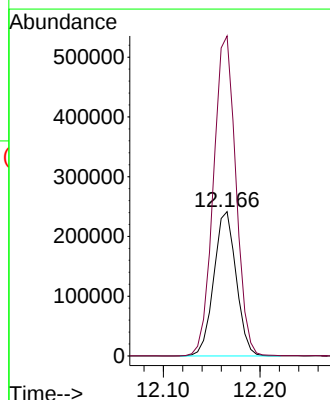
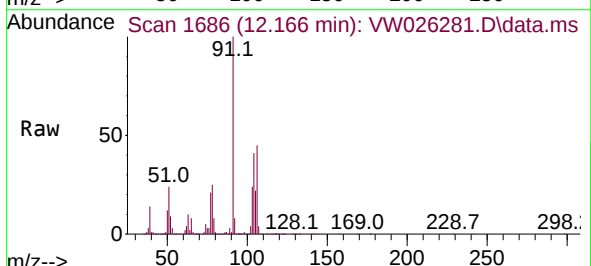
Acq: 21 Jun 2023 10:33

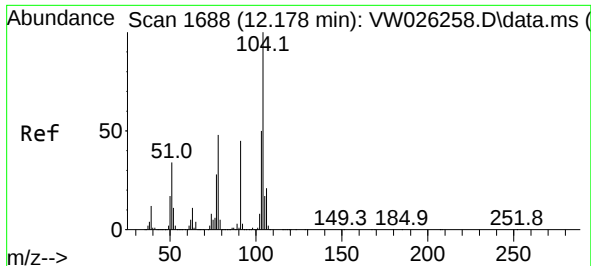
Tgt Ion:106 Resp: 386817

Ion Ratio Lower Upper

106 100

91 221.6 150.9 280.3

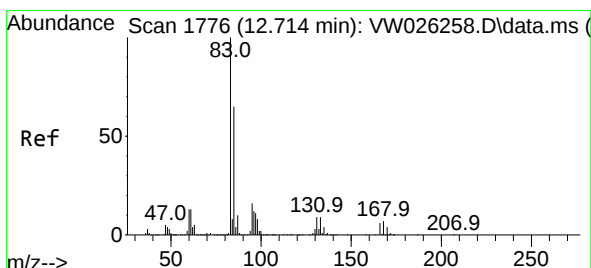
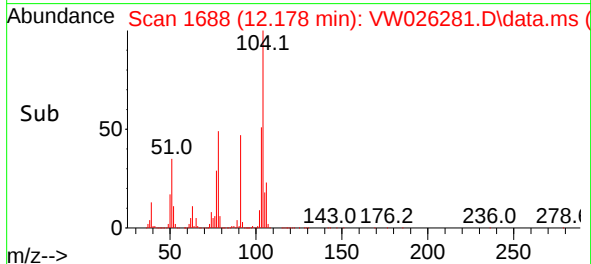
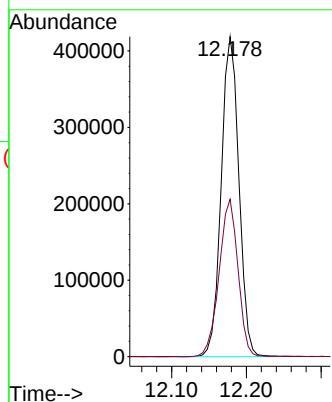
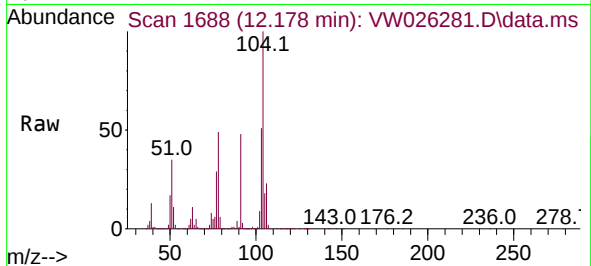




#55
Styrene
Concen: 24.901 ug/L
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

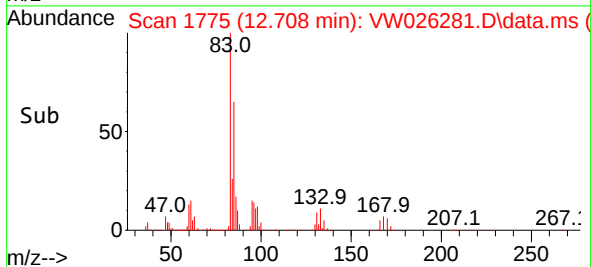
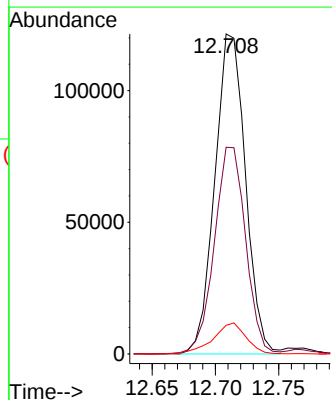
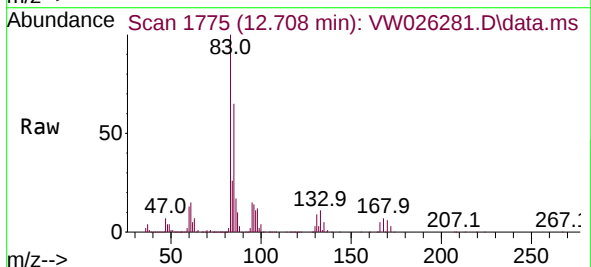
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

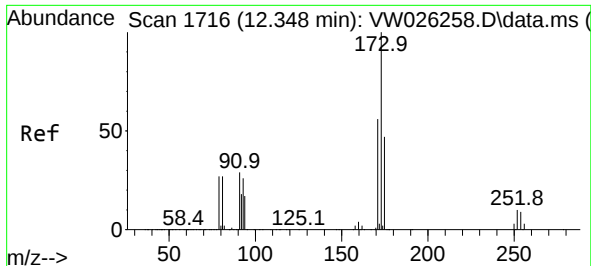
Tgt Ion:104 Resp: 688969
Ion Ratio Lower Upper
104 100
78 49.2 32.6 60.6



#57
1,1,2,2-Tetrachloroethane
Concen: 23.820 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion: 83 Resp: 204855
Ion Ratio Lower Upper
83 100
85 64.6 42.6 79.0
131 9.0 7.2 10.8

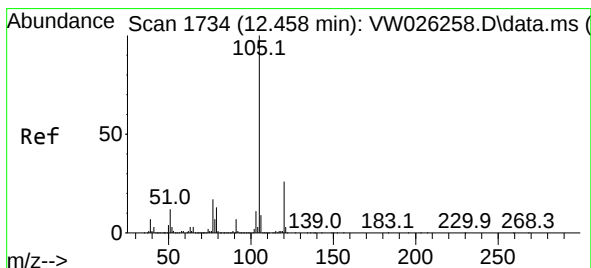
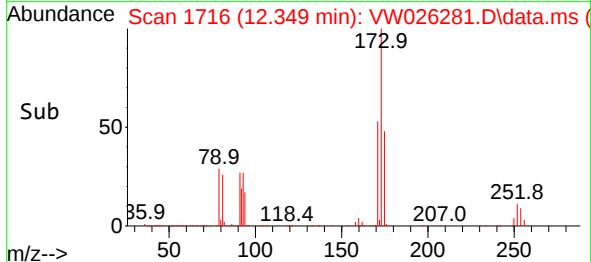
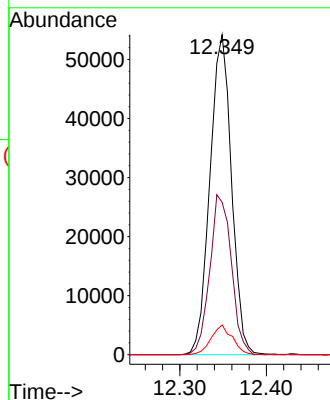
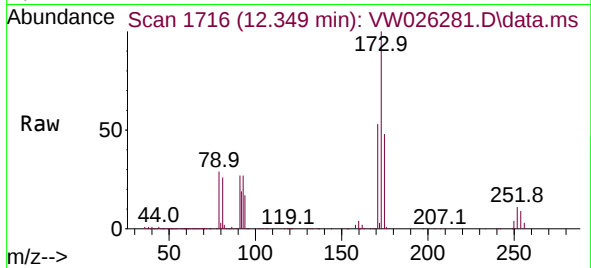




#59
Bromoform
Concen: 21.334 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

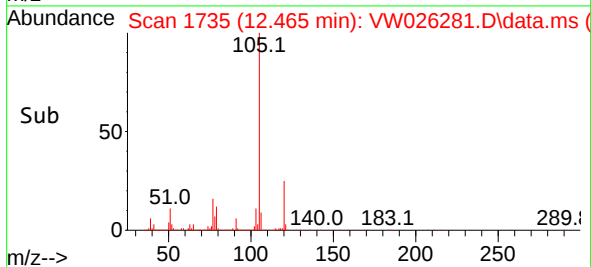
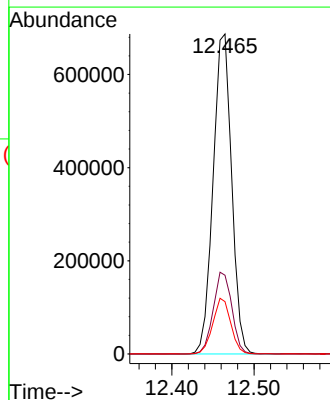
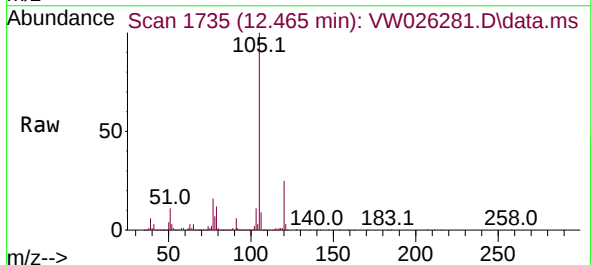
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

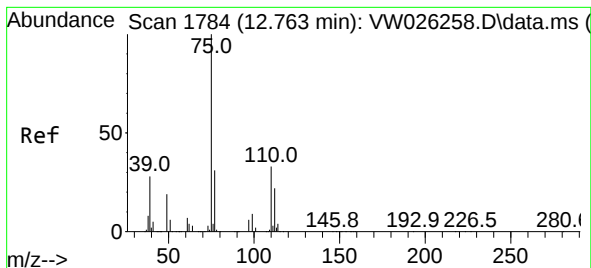
Tgt Ion:173 Resp: 93878
Ion Ratio Lower Upper
173 100
175 49.9 38.6 57.8
254 9.1 7.4 11.0



#60
Isopropylbenzene
Concen: 23.348 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.007 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:105 Resp: 1074568
Ion Ratio Lower Upper
105 100
120 25.6 19.8 29.8
77 17.0 13.3 19.9

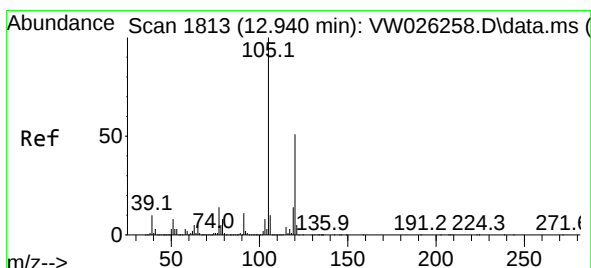
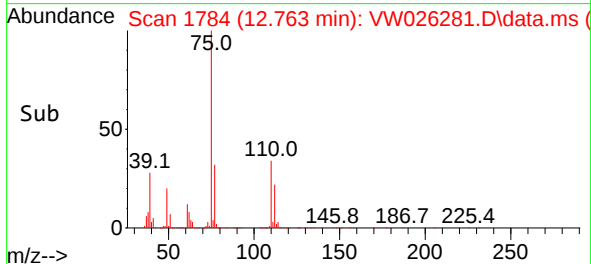
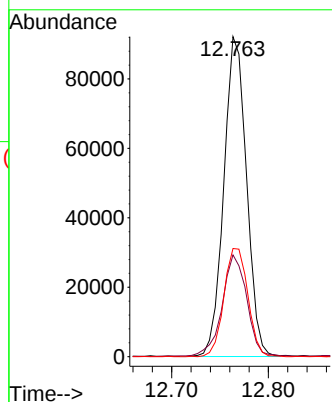
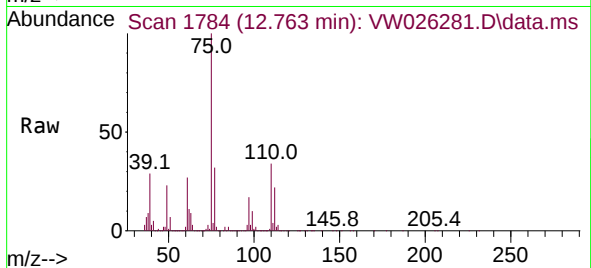




#61
 1,2,3-Trichloropropane
 Concen: 22.869 ug/L
 RT: 12.763 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

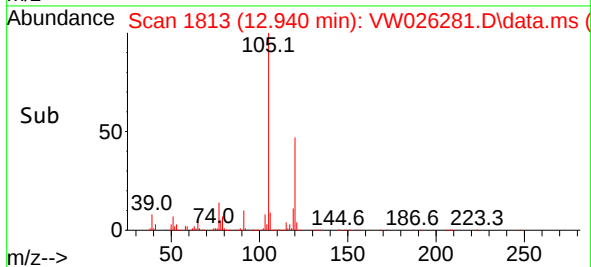
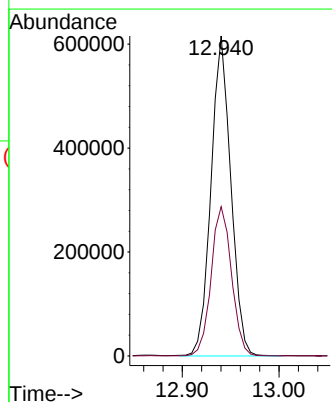
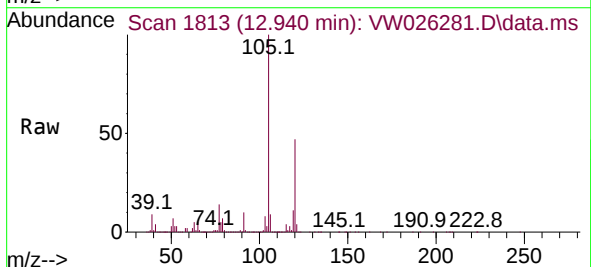
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

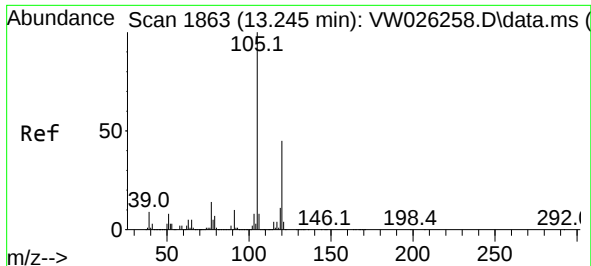
Tgt Ion: 75 Resp: 150079
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.2 37.8
 110 35.6 28.7 43.1



#62
 1,3,5-Trimethylbenzene
 Concen: 23.944 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Tgt Ion: 105 Resp: 876018
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.8 58.2

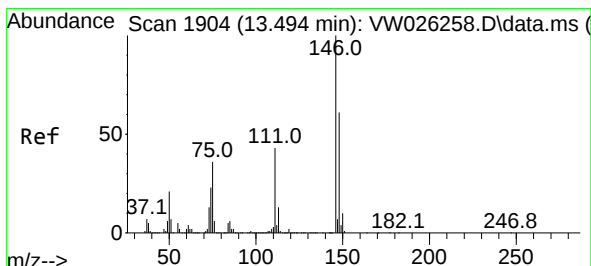
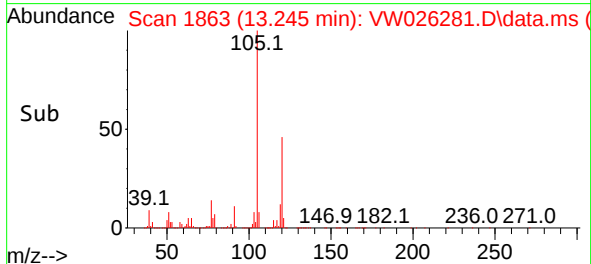
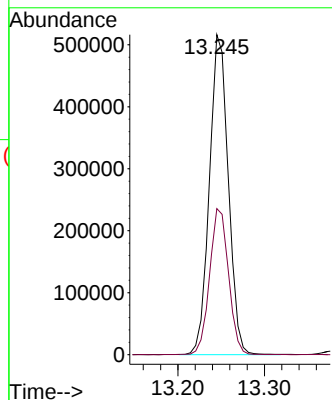
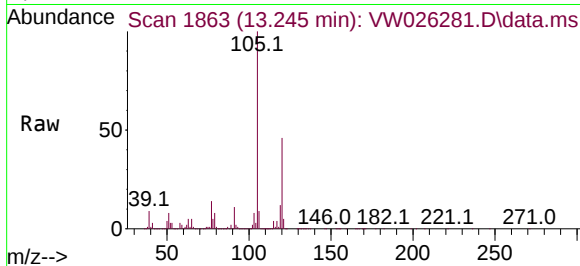




#63
1,2,4-Trimethylbenzene
Concen: 23.309 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

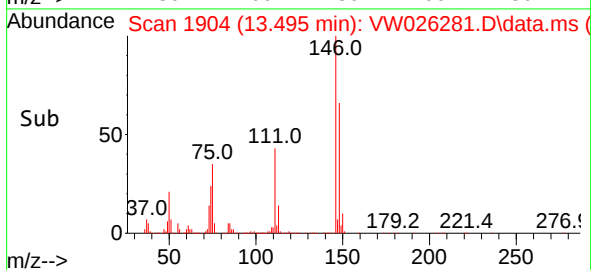
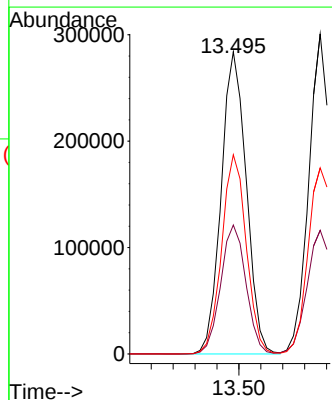
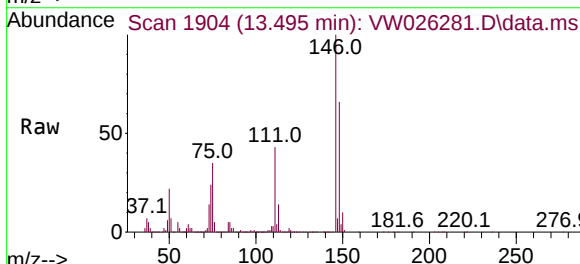
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

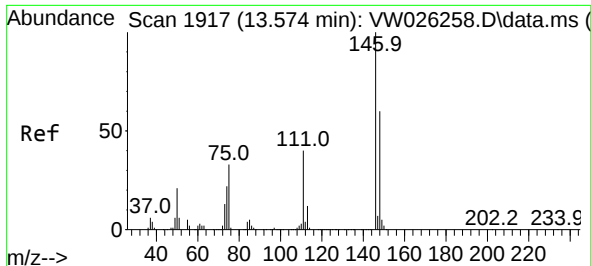
Tgt Ion:105 Resp: 781071
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 23.326 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:146 Resp: 451381
Ion Ratio Lower Upper
146 100
111 42.7 29.7 55.1
148 65.9 45.4 84.4

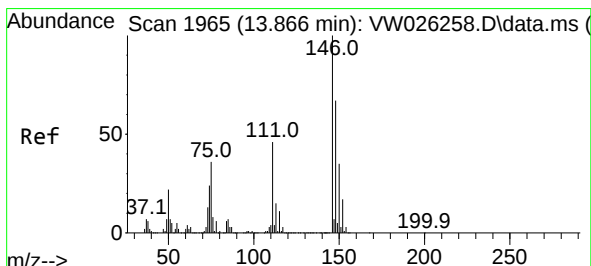
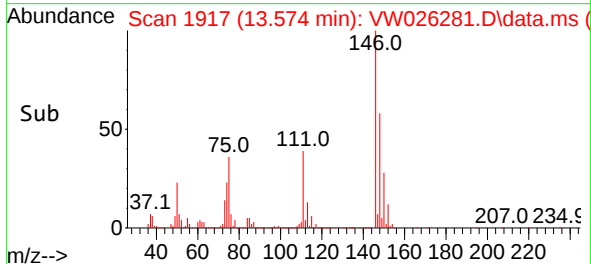
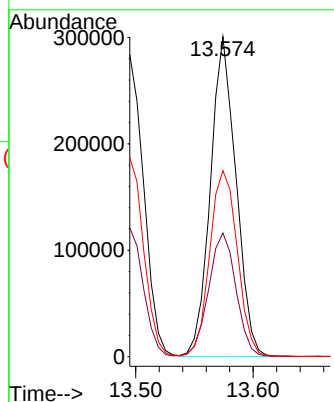
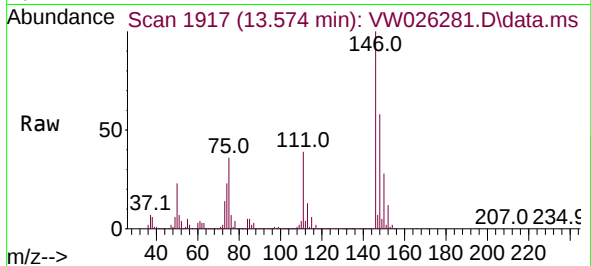




#65
1,4-Dichlorobenzene
Concen: 23.411 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

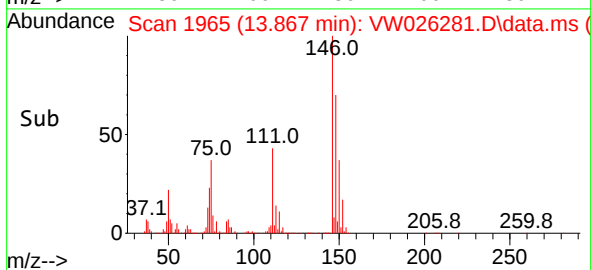
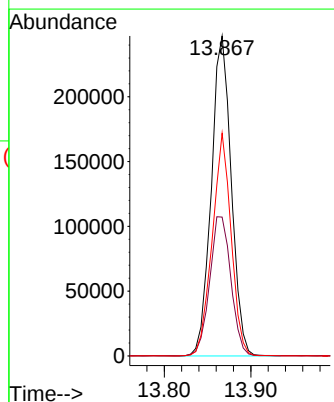
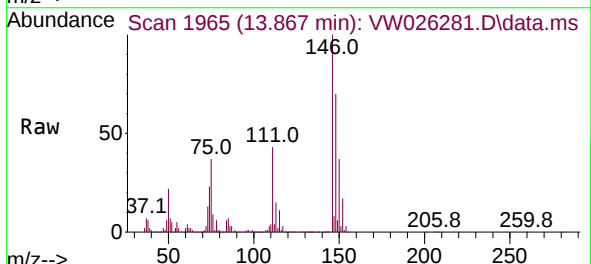
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

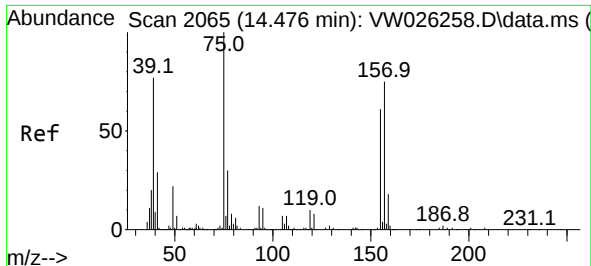
Tgt Ion:146 Resp: 456110
Ion Ratio Lower Upper
146 100
111 38.6 29.2 54.2
148 58.1 42.8 79.6



#67
1,2-Dichlorobenzene
Concen: 22.785 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:146 Resp: 395937
Ion Ratio Lower Upper
146 100
111 43.4 35.4 53.0
148 69.6 51.7 77.5

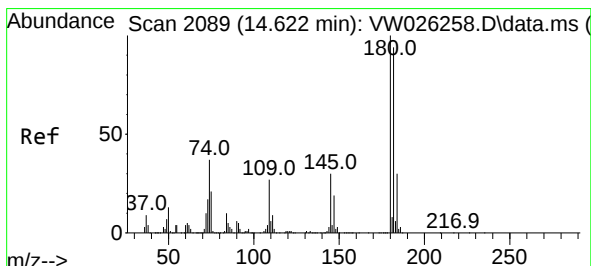
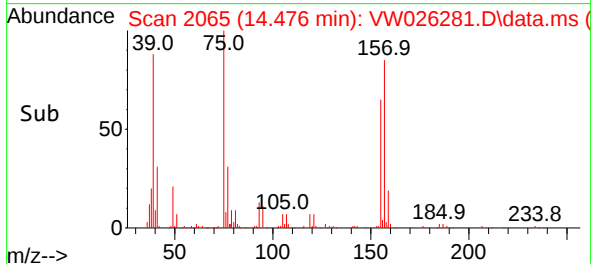
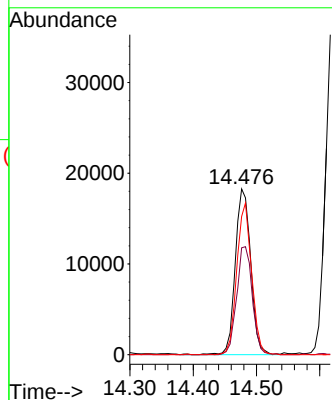
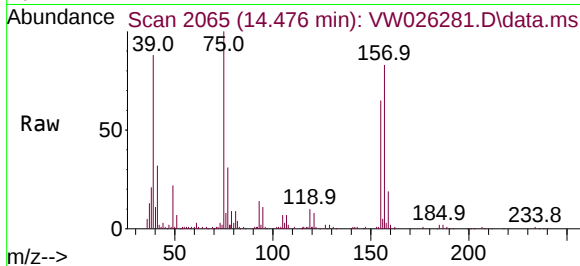




#68
1,2-Dibromo-3-chloropropane
Concen: 20.442 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

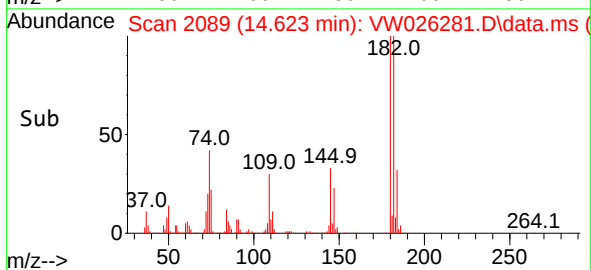
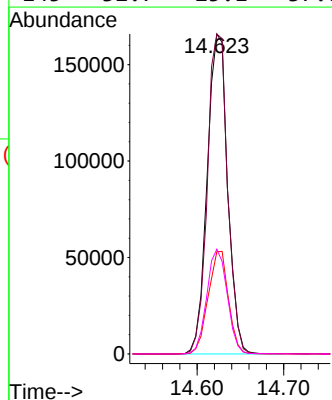
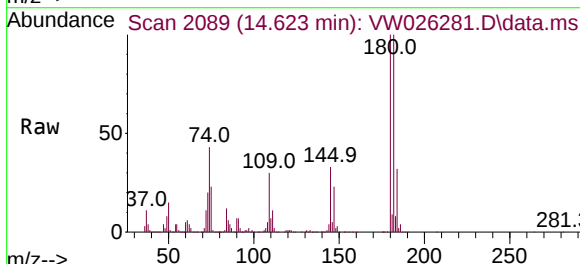
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

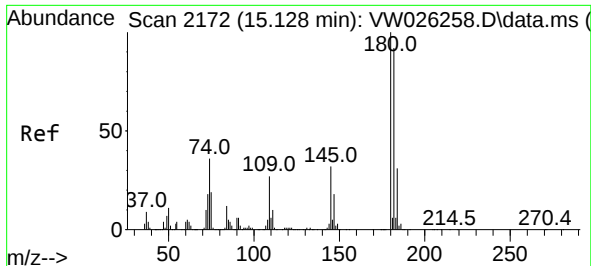
Tgt Ion: 75 Resp: 31081
Ion Ratio Lower Upper
75 100
155 64.5 59.0 88.6
157 83.4 71.7 107.5



#69
1,3,5-Trichlorobenzene
Concen: 20.454 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:180 Resp: 271899
Ion Ratio Lower Upper
180 100
182 98.9 77.0 115.4
184 31.8 23.7 35.5
145 32.7 25.1 37.7

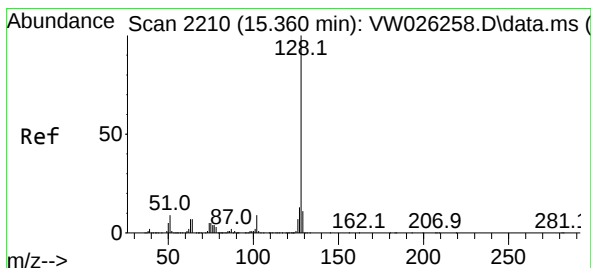
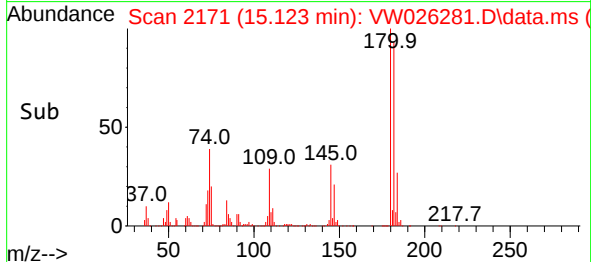
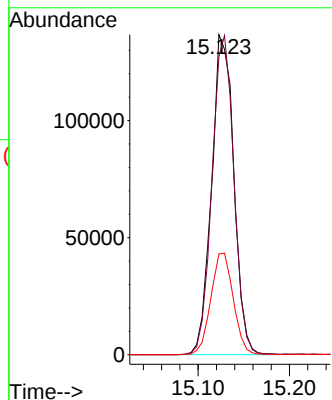
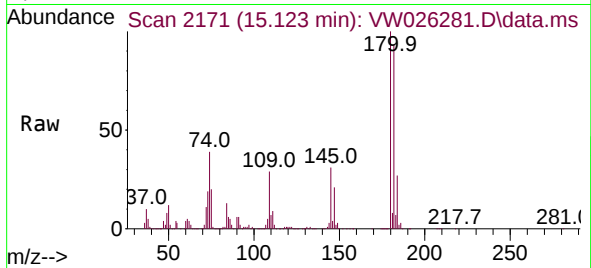




#70
1,2,4-trichlorobenzene
Concen: 21.015 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

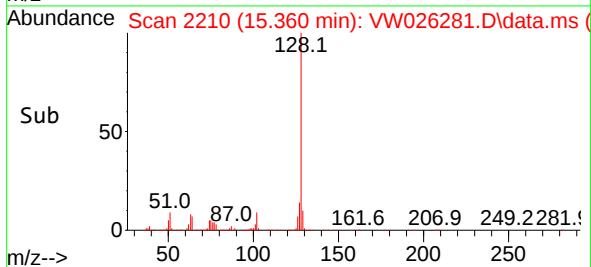
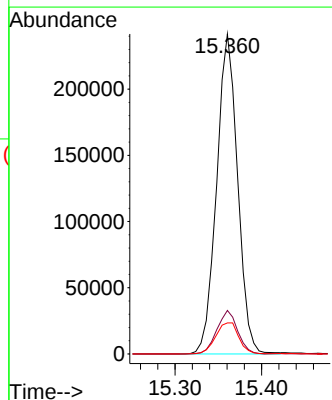
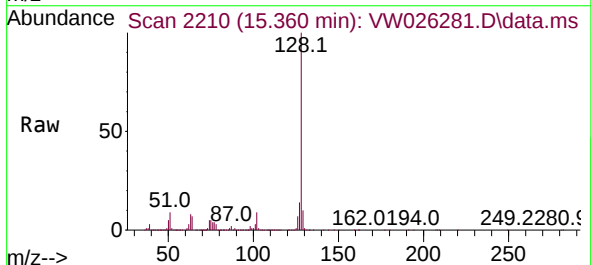
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

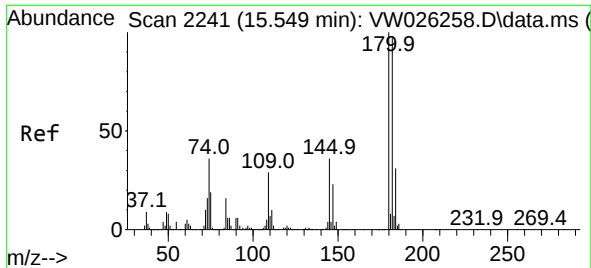
Tgt Ion:180 Resp: 230507
Ion Ratio Lower Upper
180 100
182 98.2 78.9 118.3
145 31.9 27.2 40.8



#71
Naphthalene
Concen: 20.829 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026281.D
Acq: 21 Jun 2023 10:33

Tgt Ion:128 Resp: 407194
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 21.110 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026281.D
 Acq: 21 Jun 2023 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Tgt Ion:180 Resp: 202366
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.3 114.5
 145 35.7 27.0 40.6

