

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
 Data File : VW026617.D
 Acq On : 19 Jul 2023 12:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Jul 20 01:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	655263	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291569	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	197202	17.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.360%
7) Chloroethane-d5	2.899	69	154223	19.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.021	65	96096	18.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.040%
21) 2-Butanone-d5	7.075	46	151450	42.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.800%
24) Chloroform-d	7.648	84	412537	21.867	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.307	65	223826	21.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	8.276	84	828763	20.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.270	67	255218	20.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.440%
41) Toluene-d8	10.325	98	711025	20.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	10.574	79	103038	21.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.040%
47) 2-Hexanone-d5	10.922	63	102220	42.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215968	20.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	229271	21.417	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	155339	21.016	ug/L	99
3) Chloromethane	2.222	50	238638	22.596	ug/L	100
5) Vinyl chloride	2.375	62	258411	23.217	ug/L	97
6) Bromomethane	2.789	94	140553	23.755	ug/L	96
8) Chloroethane	2.930	64	154076	24.756	ug/L	100
9) Trichlorofluoromethane	2.265	101	185836	22.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	218604	23.893	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	211693	24.116	ug/L	84
13) Acetone	4.124	43	170085	66.193	ug/L	98
14) Carbon disulfide	4.393	76	713077	23.173	ug/L	99
15) Methyl Acetate	4.673	43	139568	22.608	ug/L	98
16) Methylene chloride	4.923	84	266971	23.063	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	233887	24.920	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	361213	24.590	ug/L	99
19) 1,1-Dichloroethane	6.216	63	476864	25.412	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	252411	25.971	ug/L	96
22) 2-Butanone	7.167	43	215528	55.082	ug/L	98
23) Bromochloromethane	7.514	128	103692	24.907	ug/L	96
25) Chloroform	7.679	83	438566	25.508	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
 Data File : VW026617.D
 Acq On : 19 Jul 2023 12:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Jul 20 01:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

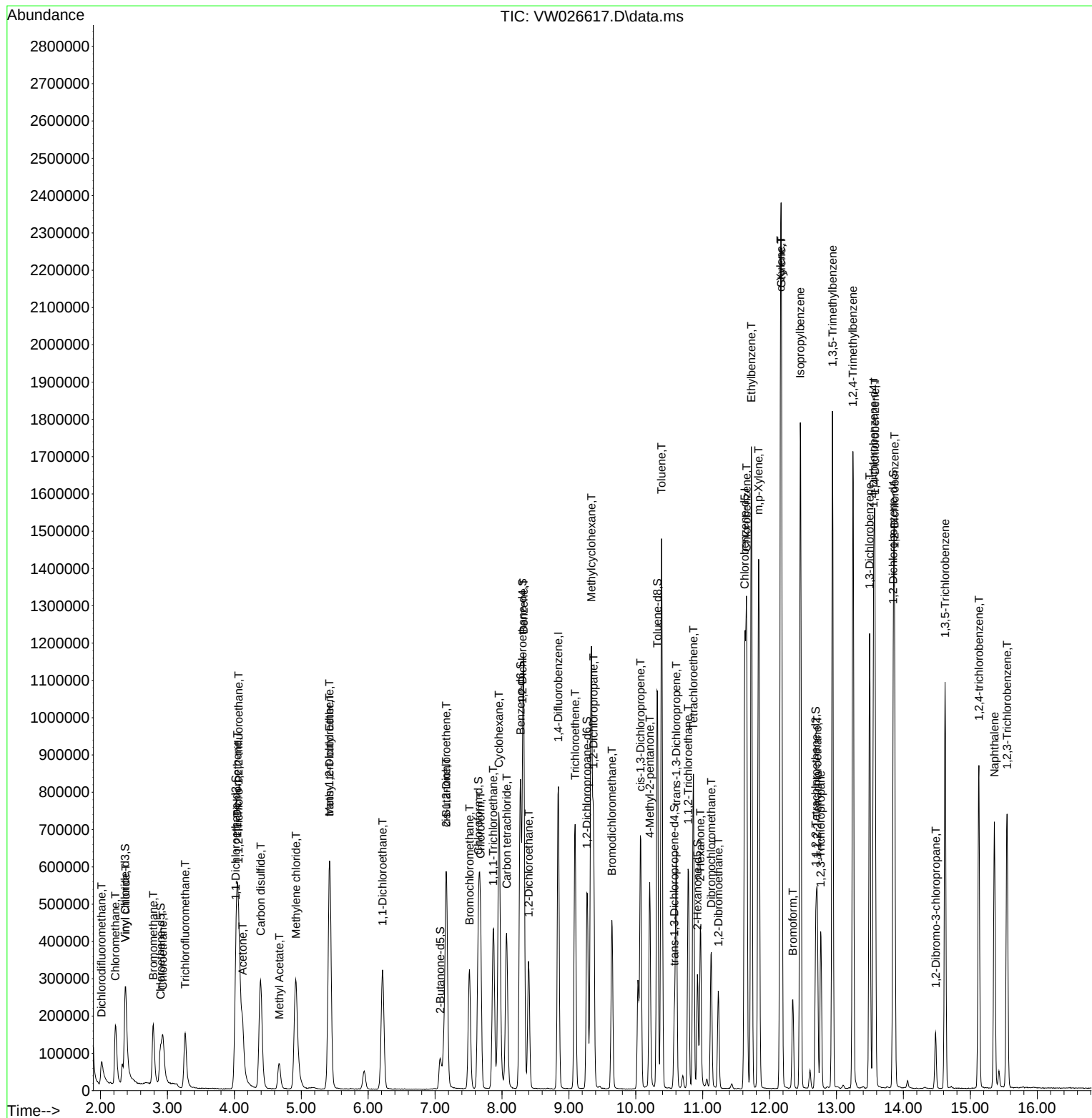
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	308251	25.468	ug/L	99
29) Cyclohexane	7.953	56	443100	24.551	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	358117	25.207	ug/L	98
31) Carbon tetrachloride	8.069	117	323654	25.096	ug/L	99
33) Benzene	8.325	78	998919	25.011	ug/L	100
34) Trichloroethene	9.093	95	251162	24.481	ug/L	98
35) Methylcyclohexane	9.337	83	460791	25.013	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269363	25.396	ug/L	99
38) Bromodichloromethane	9.642	83	302923	25.138	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	396514	25.966	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	386432	48.271	ug/L	99
42) Toluene	10.386	91	1040047	25.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	341075	26.484	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	182247	24.619	ug/L	99
46) Tetrachloroethene	10.861	164	183995	25.262	ug/L	85
48) 2-Hexanone	10.965	43	292470	52.349	ug/L	98
49) Dibromochloromethane	11.129	129	189479	25.850	ug/L	90
50) 1,2-Dibromoethane	11.233	107	175892	25.206	ug/L	93
51) Chlorobenzene	11.654	112	616317	24.922	ug/L	96
52) Ethylbenzene	11.727	91	1164131	25.925	ug/L	100
53) m,p-Xylene	11.836	106	426311	26.096	ug/L	100
54) o-Xylene	12.166	106	402138	26.226	ug/L	99
55) Styrene	12.178	104	697498	26.968	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	237104	24.406	ug/L	97
59) Bromoform	12.349	173	108910	23.617	ug/L	96
60) Isopropylbenzene	12.458	105	1137454	25.214	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	177003	22.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	915366	26.455	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	902592	26.311	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	464468	24.537	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	459978	24.365	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	407061	24.298	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	40937	21.840	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	318655	25.438	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	242782	23.617	ug/L	94
71) Naphthalene	15.360	128	564509	24.249	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240122	24.812	ug/L	98

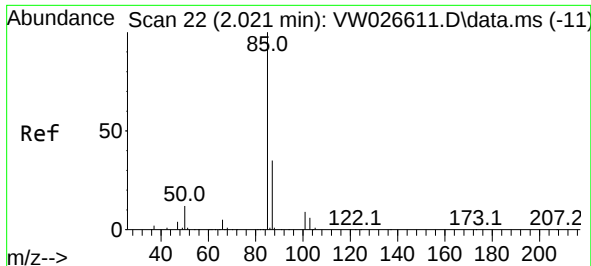
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
Data File : VW026617.D
Acq On : 19 Jul 2023 12:11
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Quant Time: Jul 20 01:52:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 15 05:08:34 2023
Response via : Initial Calibration

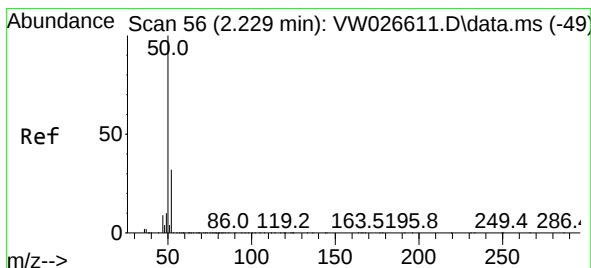
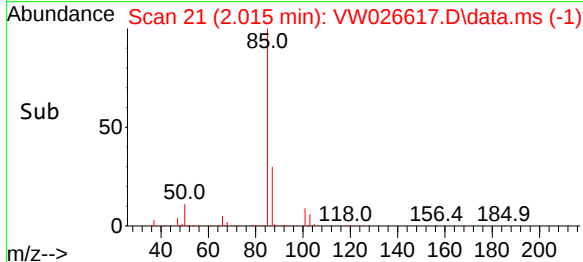
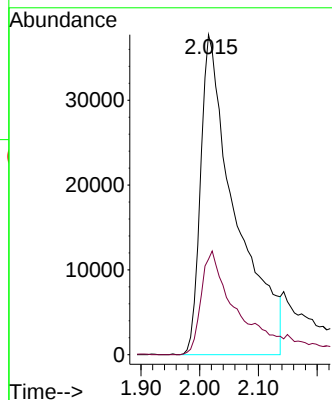
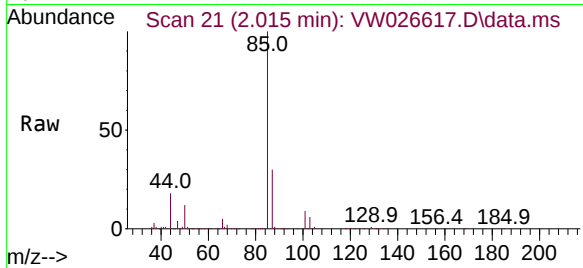




#2
 Dichlorodifluoromethane
 Concen: 21.016 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

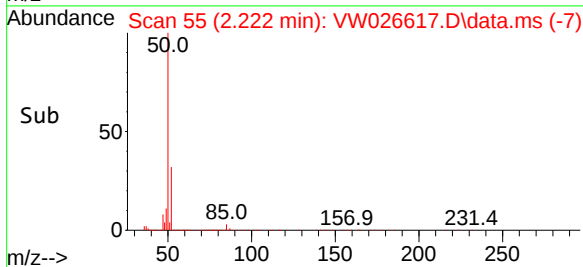
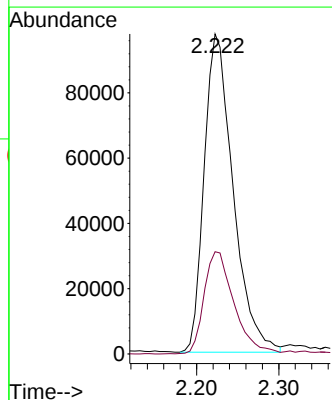
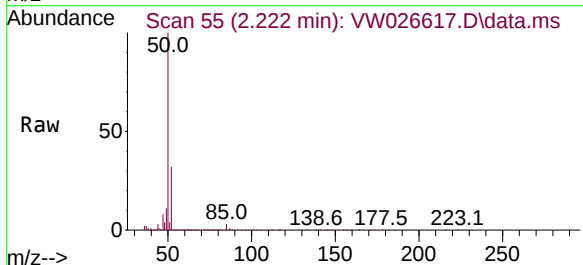
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

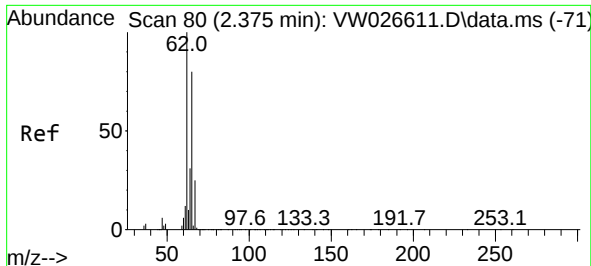
Tgt Ion: 85 Resp: 155339
 Ion Ratio Lower Upper
 85 100
 87 27.2 21.4 32.0



#3
 Chloromethane
 Concen: 22.596 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

Tgt Ion: 50 Resp: 238638
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.5 41.7

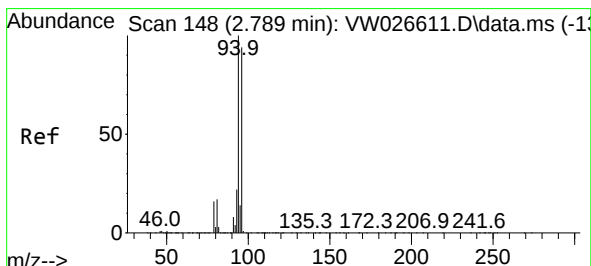
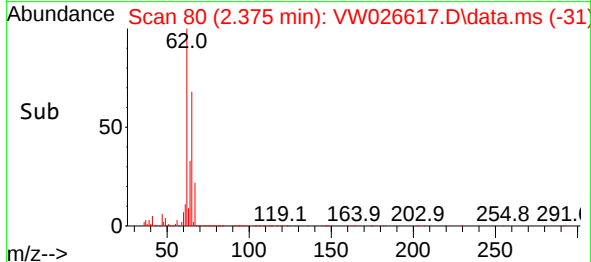
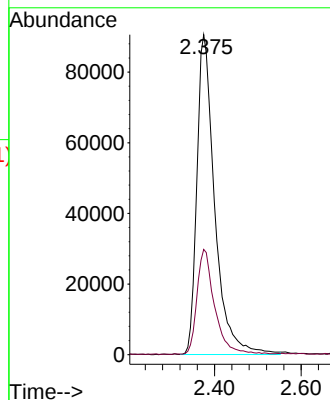
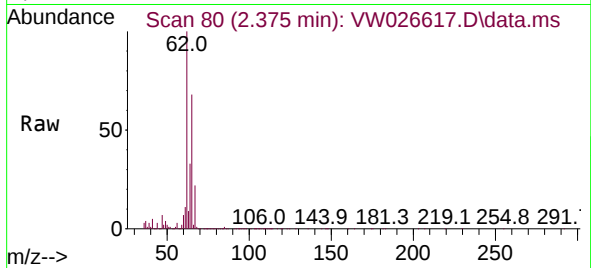




#5
 Vinyl chloride
 Concen: 23.217 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

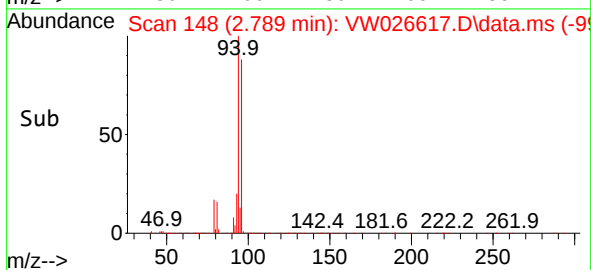
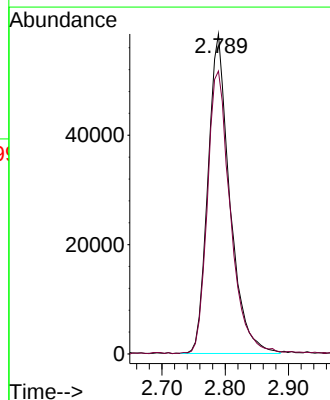
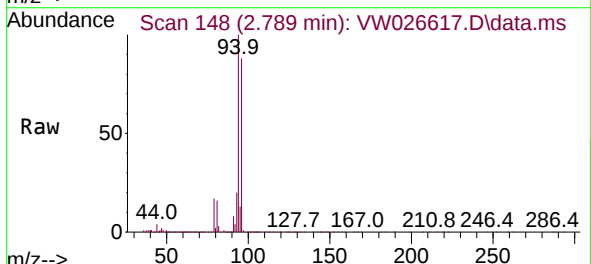
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

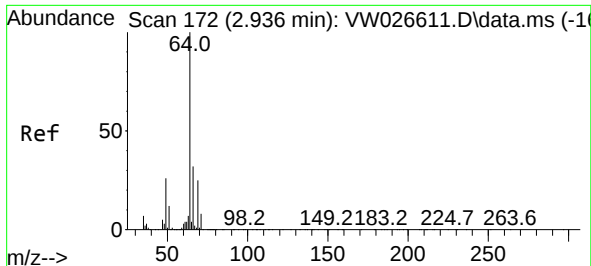
Tgt Ion: 62 Resp: 258411
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 23.755 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

Tgt Ion: 94 Resp: 140553
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.5 119.9





#8

Chloroethane

Concen: 24.756 ug/L

RT: 2.930 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

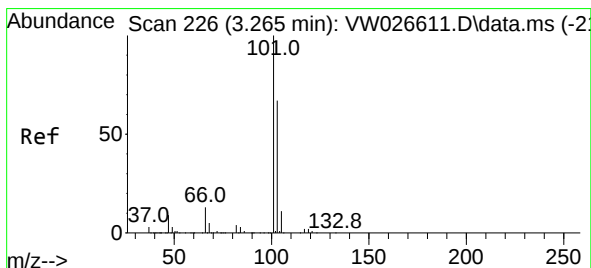
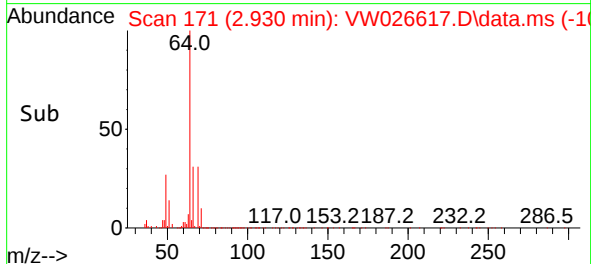
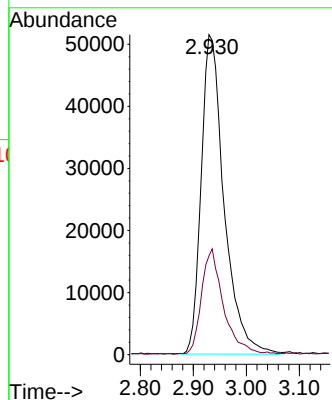
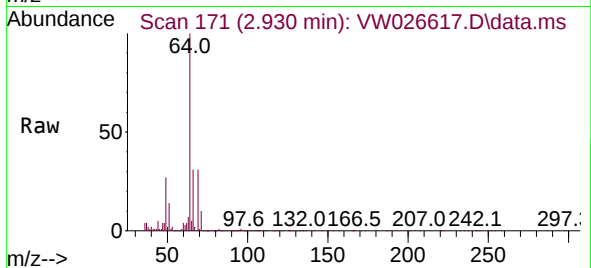
VSTD025563

Tgt Ion: 64 Resp: 154076

Ion Ratio Lower Upper

64 100

66 30.9 21.7 40.3



#9

Trichlorofluoromethane

Concen: 22.542 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.000 min

Lab File: VW026617.D

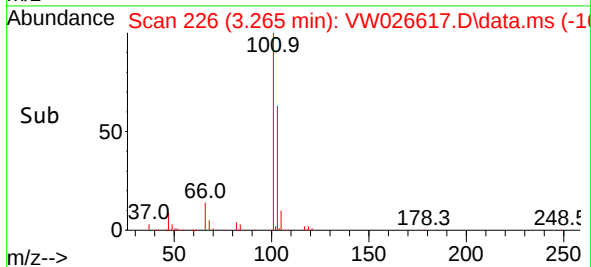
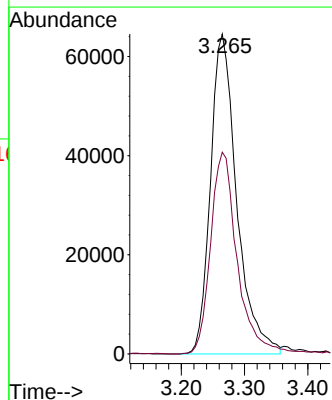
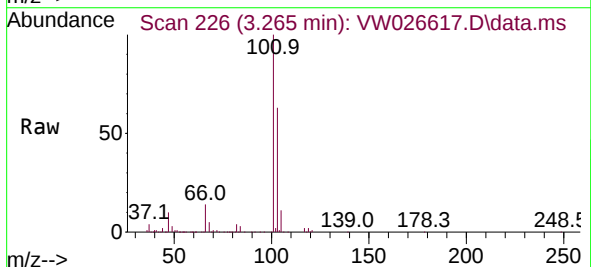
Acq: 19 Jul 2023 12:11

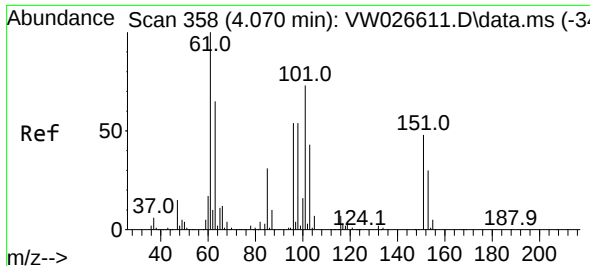
Tgt Ion: 101 Resp: 185836

Ion Ratio Lower Upper

101 100

103 64.0 50.3 75.5

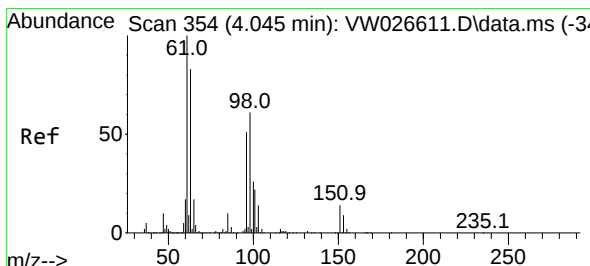
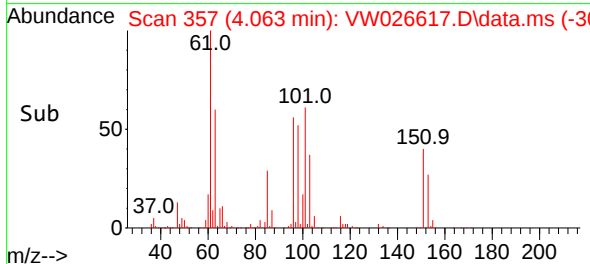
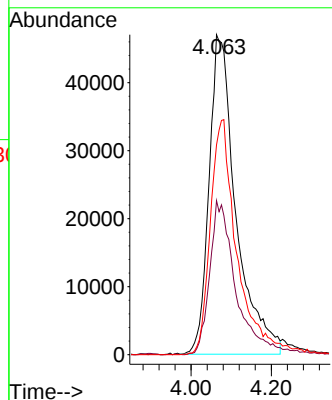
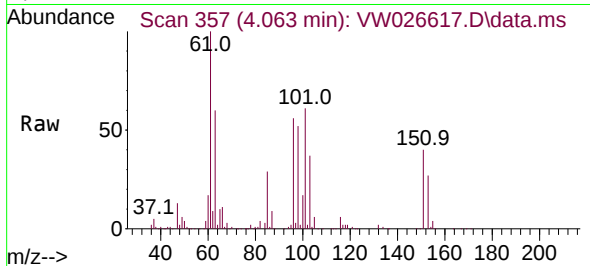




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.893 ug/L
 RT: 4.063 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

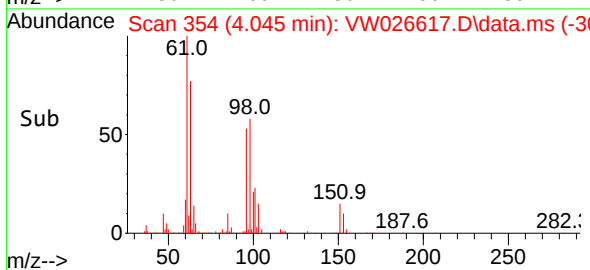
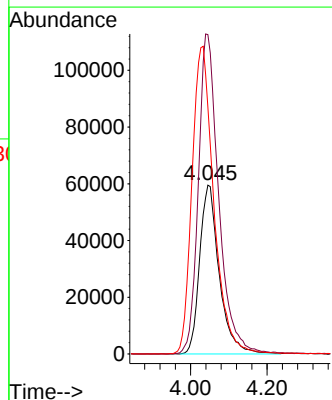
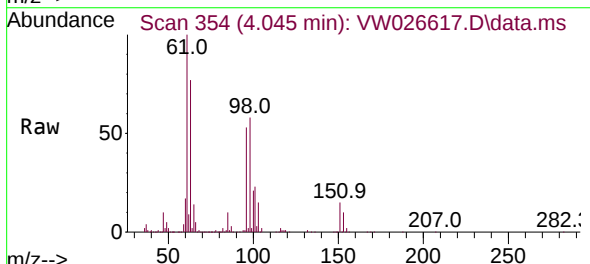
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

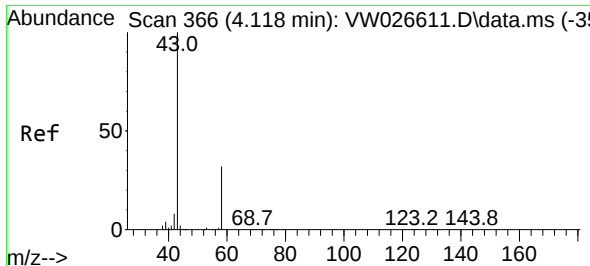
Tgt Ion:101 Resp: 218604
 Ion Ratio Lower Upper
 101 100
 85 18.3 36.1 54.1#
 151 68.7 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 24.116 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026617.D
 Acq: 19 Jul 2023 12:11

Tgt Ion: 96 Resp: 211693
 Ion Ratio Lower Upper
 96 100
 61 189.1 140.8 261.4
 63 146.2 127.7 237.3

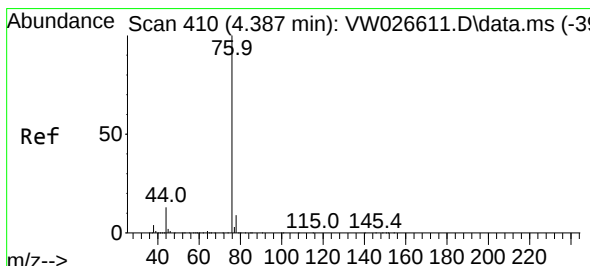
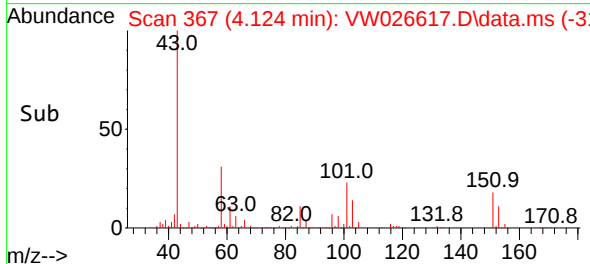
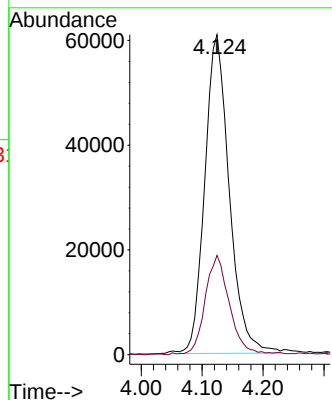
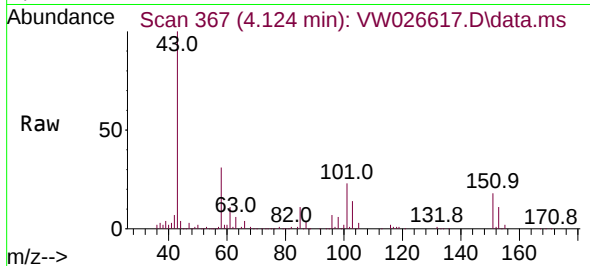




#13
Acetone
Concen: 66.193 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

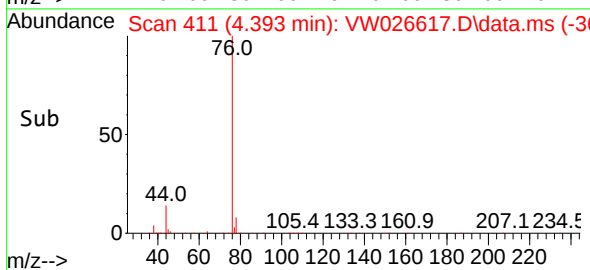
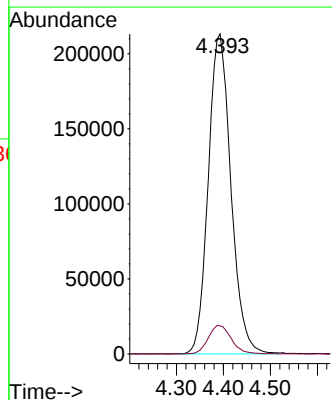
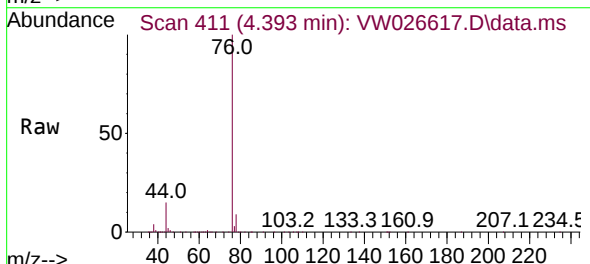
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

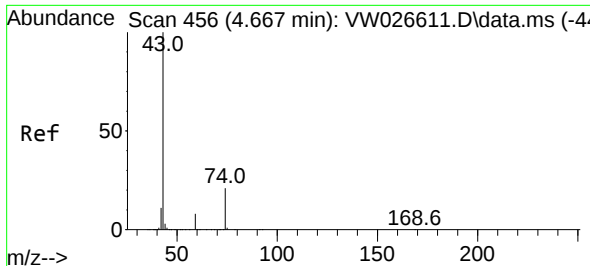
Tgt Ion: 43 Resp: 170085
Ion Ratio Lower Upper
43 100
58 30.3 0.0 63.2



#14
Carbon disulfide
Concen: 23.173 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 76 Resp: 713077
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3

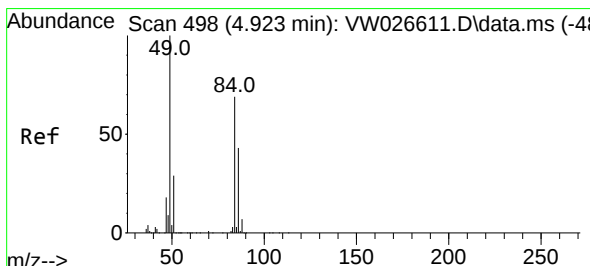
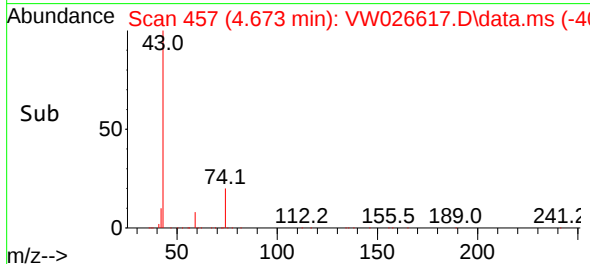
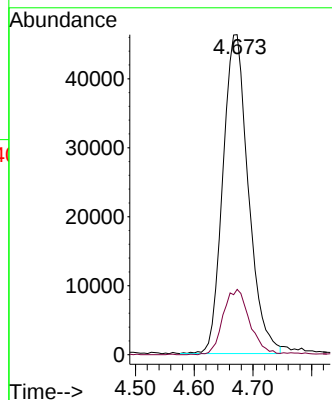
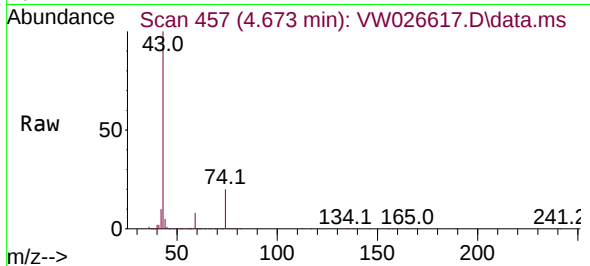




#15
Methyl Acetate
Concen: 22.608 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

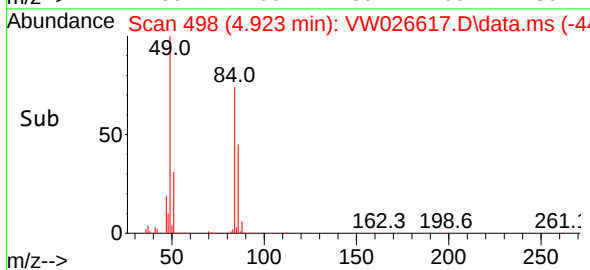
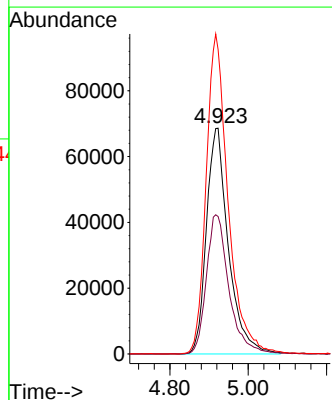
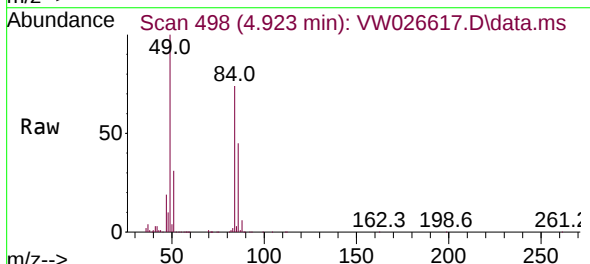
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

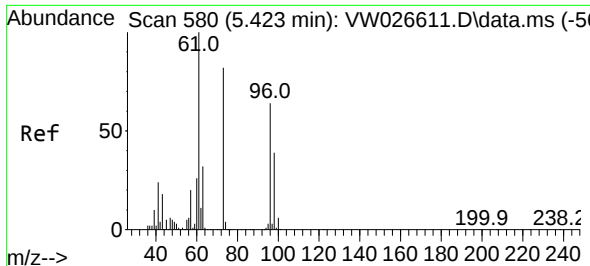
Tgt Ion: 43 Resp: 139568
Ion Ratio Lower Upper
43 100
74 21.2 16.3 24.5



#16
Methylene chloride
Concen: 23.063 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 84 Resp: 266971
Ion Ratio Lower Upper
84 100
86 60.9 43.8 81.3
49 134.8 99.2 184.2

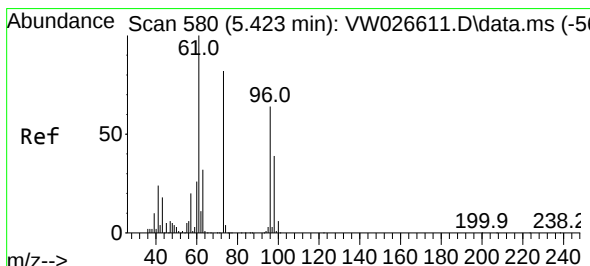
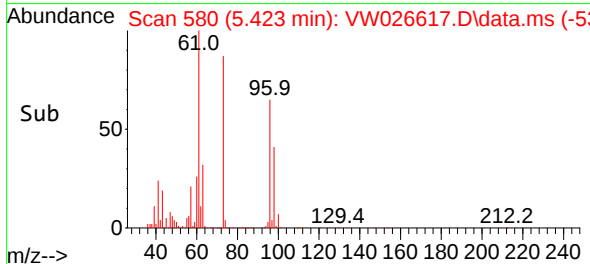
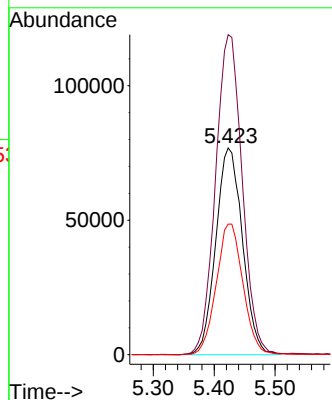
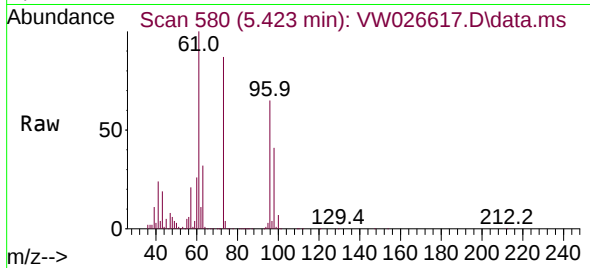




#17
trans-1,2-Dichloroethene
Concen: 24.920 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

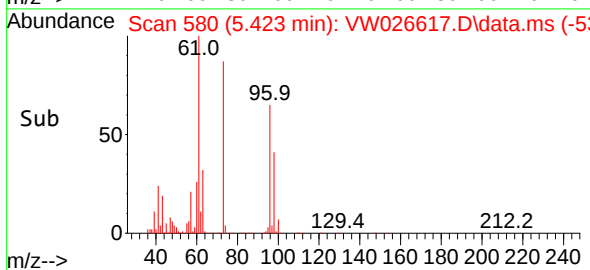
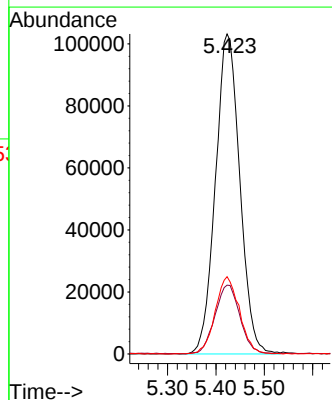
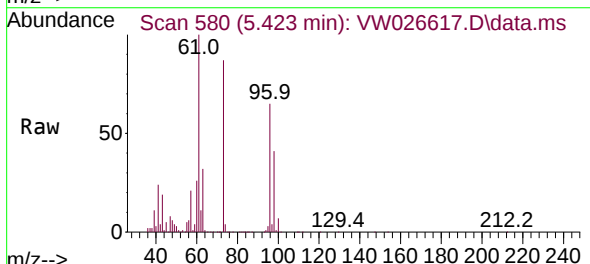
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

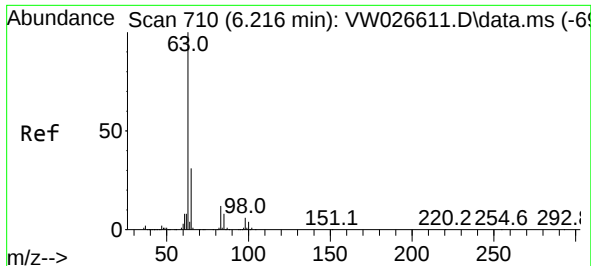
Tgt Ion: 96 Resp: 233887
Ion Ratio Lower Upper
96 100
61 154.8 108.1 200.9
98 63.2 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 24.590 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 73 Resp: 361213
Ion Ratio Lower Upper
73 100
43 22.2 17.4 26.2
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.412 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

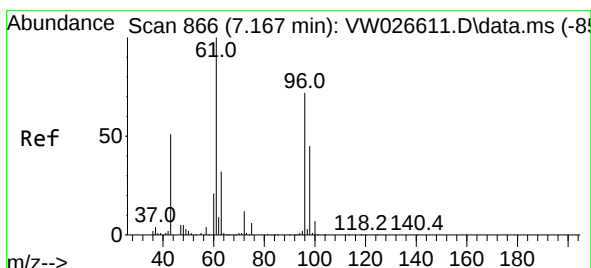
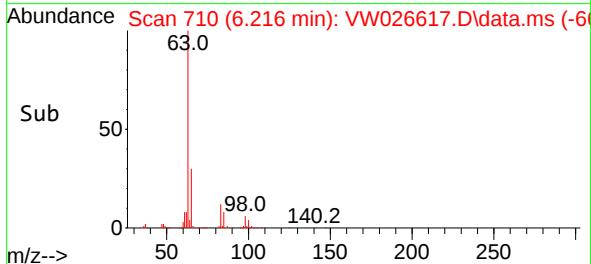
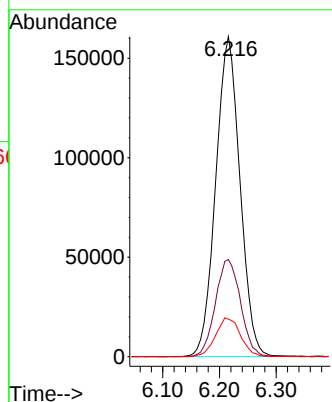
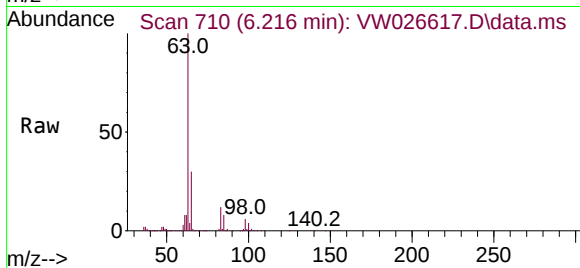
Tgt Ion: 63 Resp: 476864

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.5

83 11.7 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.971 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

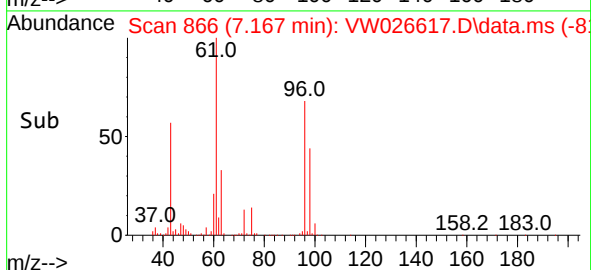
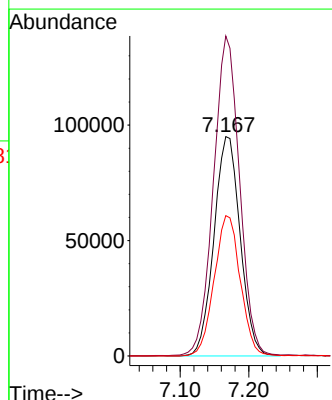
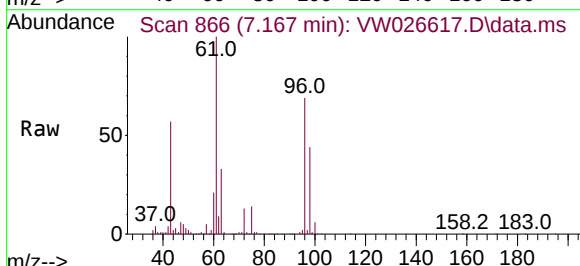
Tgt Ion: 96 Resp: 252411

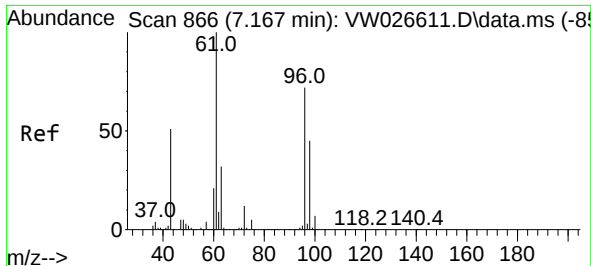
Ion Ratio Lower Upper

96 100

61 145.9 98.8 183.6

98 64.0 42.4 78.6

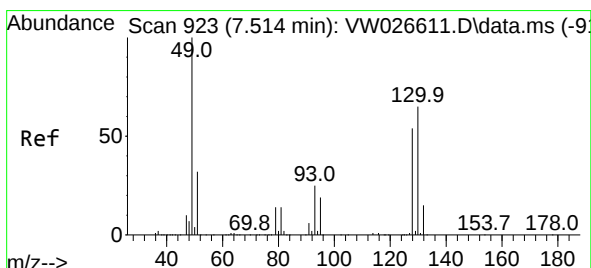
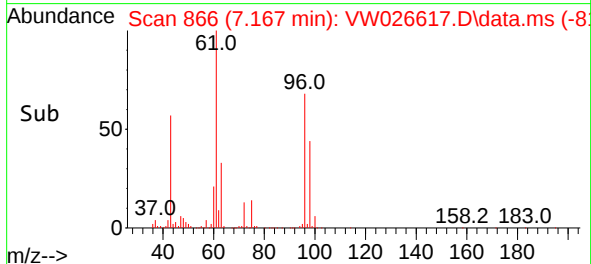
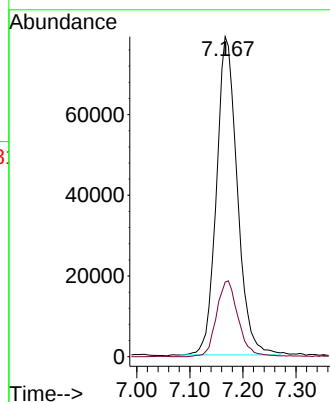
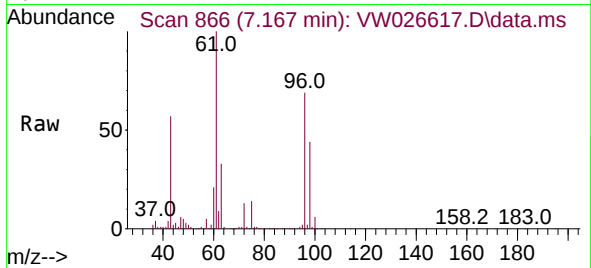




#22
2-Butanone
Concen: 55.082 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

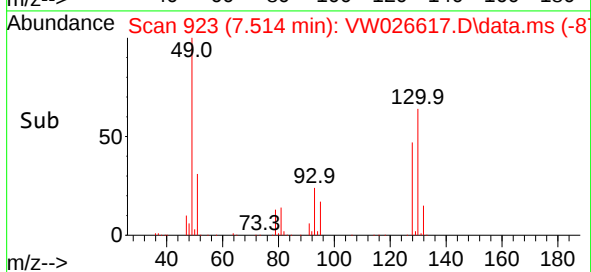
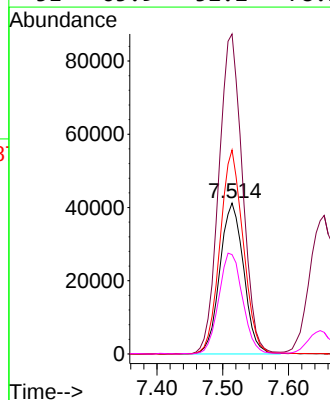
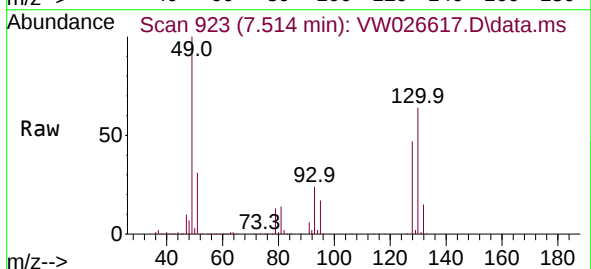
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

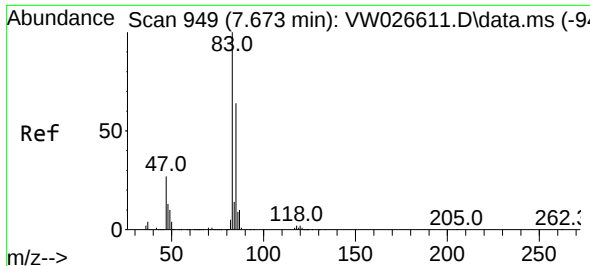
Tgt Ion: 43 Resp: 215528
Ion Ratio Lower Upper
43 100
72 24.8 11.9 35.5



#23
Bromochloromethane
Concen: 24.907 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 128 Resp: 103692
Ion Ratio Lower Upper
128 100
49 212.1 142.1 263.9
130 135.2 92.9 172.5
51 65.9 52.2 78.2

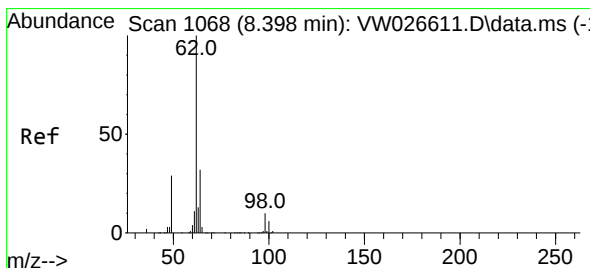
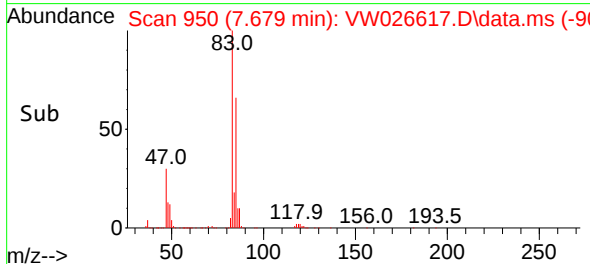
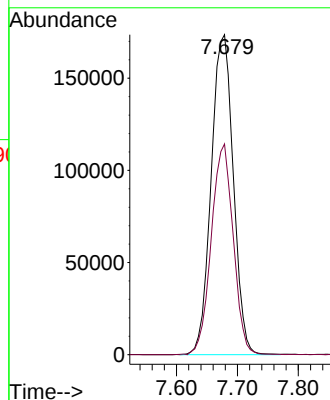
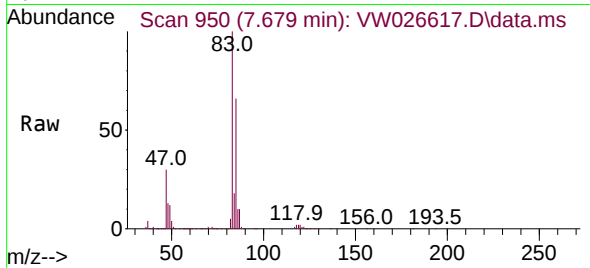




#25
Chloroform
Concen: 25.508 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

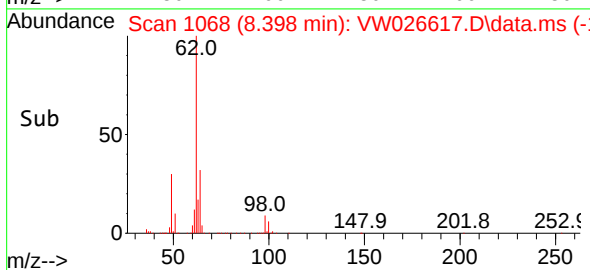
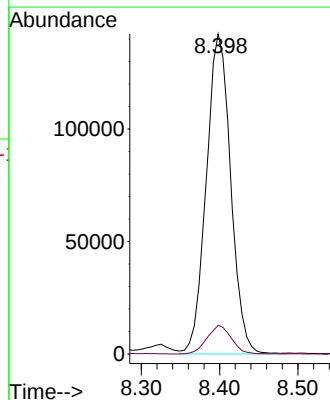
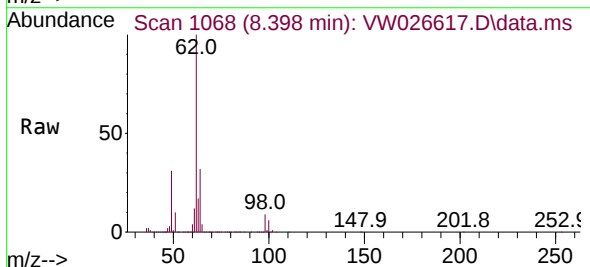
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

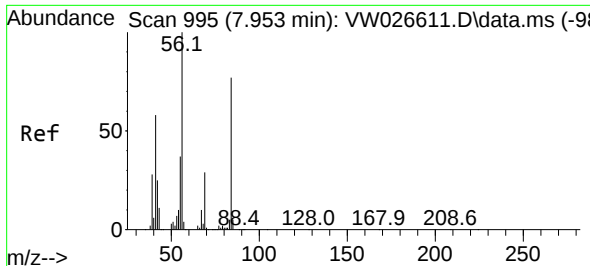
Tgt Ion: 83 Resp: 438566
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.468 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 62 Resp: 308251
Ion Ratio Lower Upper
62 100
98 8.9 6.7 10.1

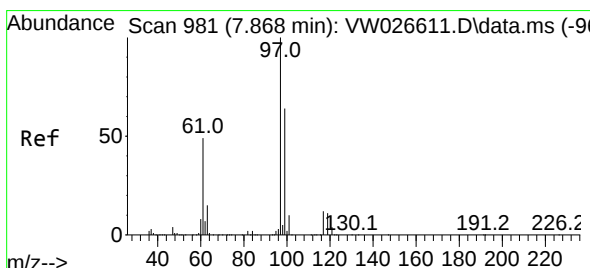
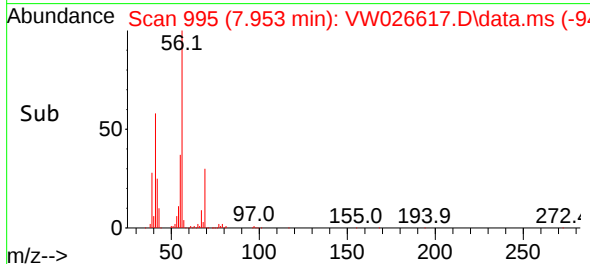
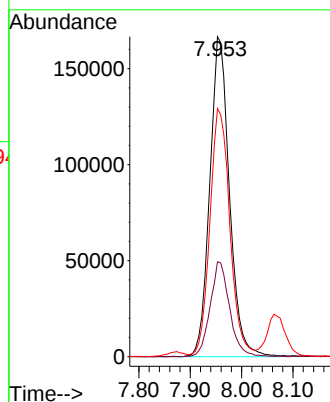
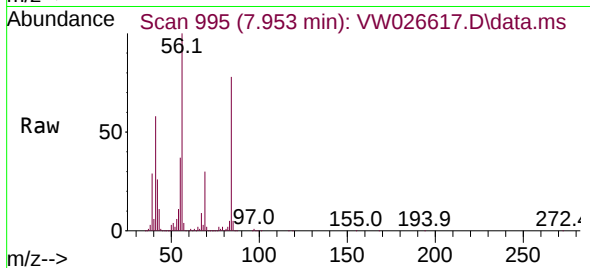




#29
Cyclohexane
Concen: 24.551 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

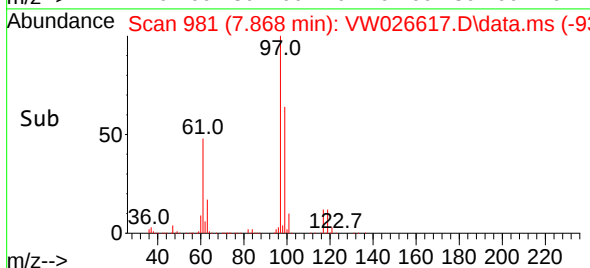
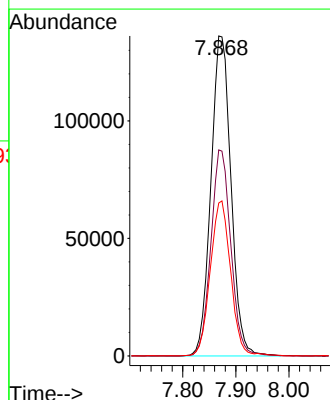
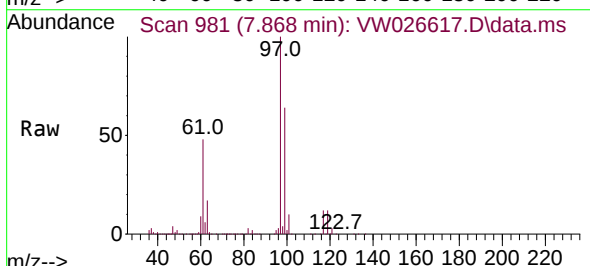
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

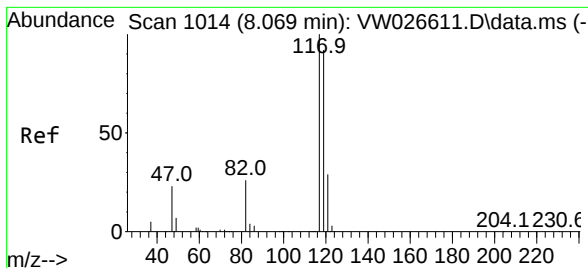
Tgt Ion: 56 Resp: 443100
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.0
84 78.7 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 25.207 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 97 Resp: 358117
Ion Ratio Lower Upper
97 100
99 64.0 49.9 74.9
61 48.6 39.8 59.8

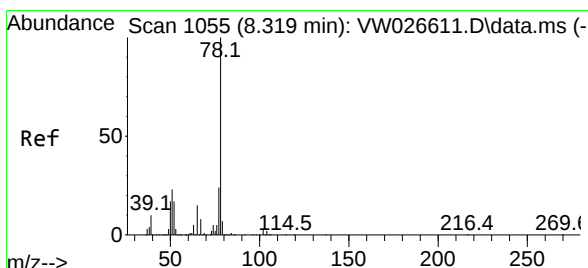
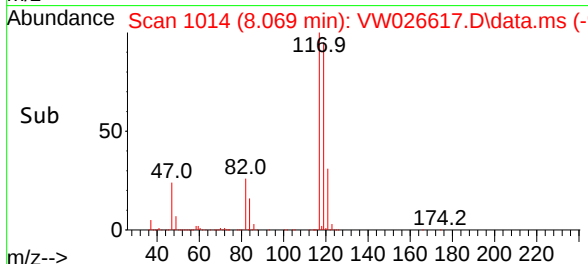
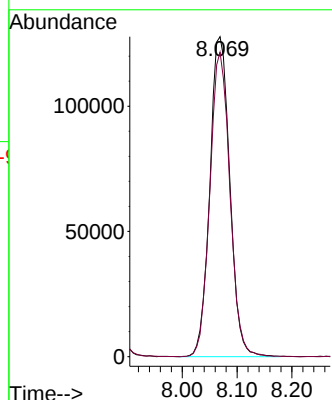
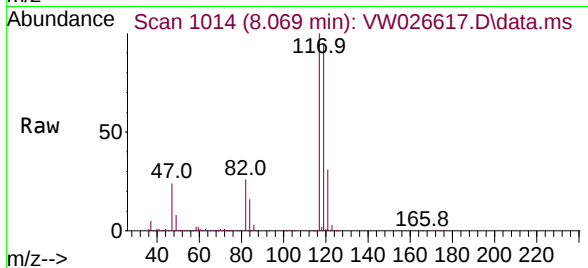




#31
Carbon tetrachloride
Concen: 25.096 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

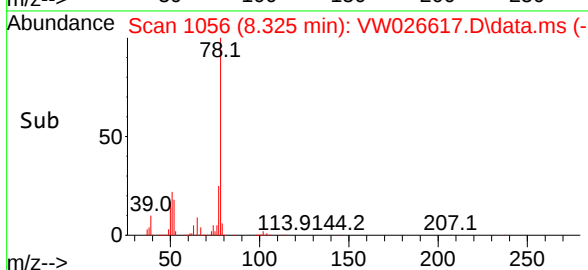
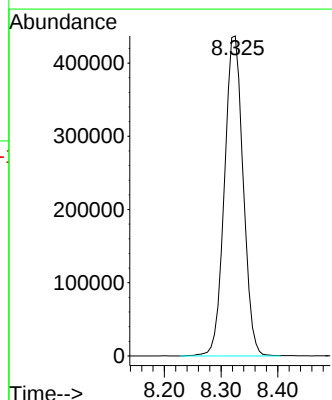
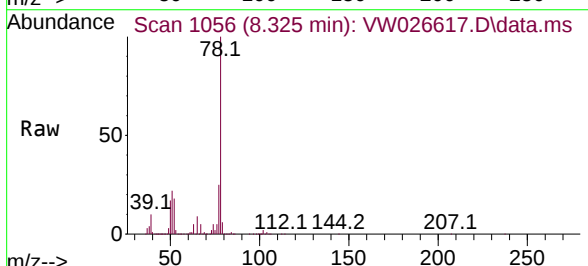
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

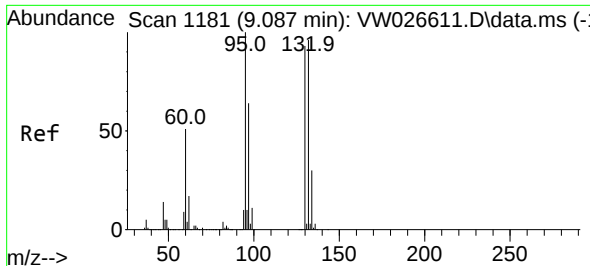
Tgt Ion:117 Resp: 323654
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7



#33
Benzene
Concen: 25.011 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 78 Resp: 998919





#34

Trichloroethene

Concen: 24.481 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion: 95 Resp: 251162

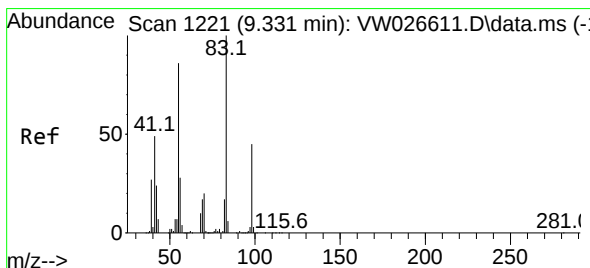
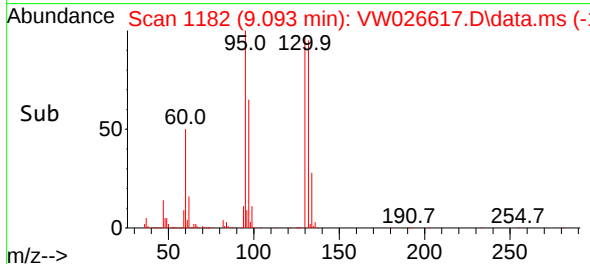
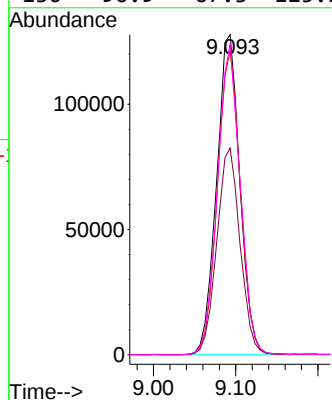
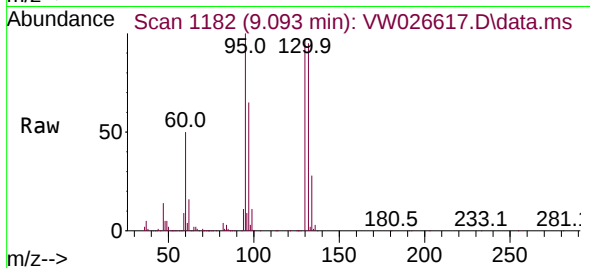
Ion Ratio Lower Upper

95 100

97 64.5 47.9 88.9

132 95.2 65.0 120.8

130 96.9 67.3 125.1



#35

Methylcyclohexane

Concen: 25.013 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

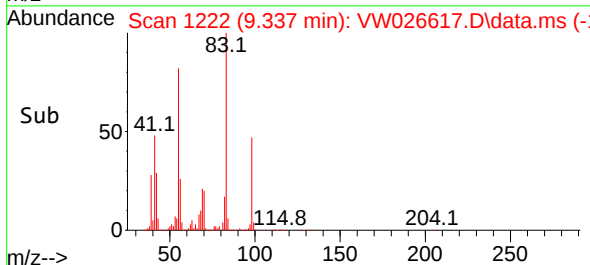
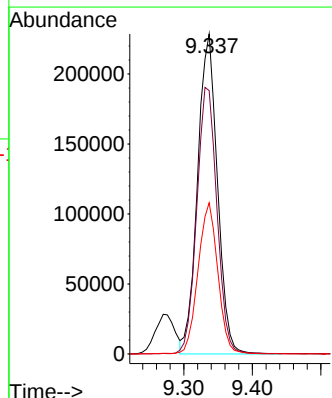
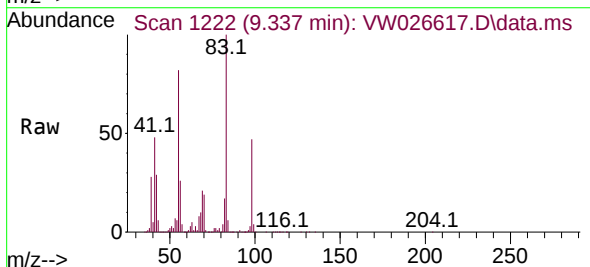
Tgt Ion: 83 Resp: 460791

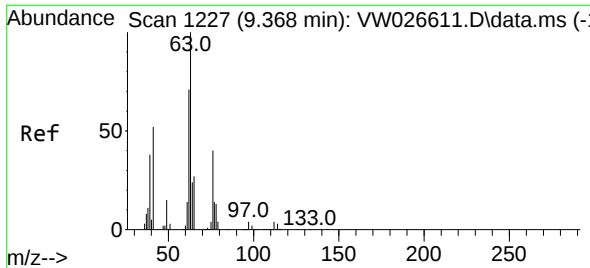
Ion Ratio Lower Upper

83 100

55 84.6 68.7 103.1

98 47.0 37.3 55.9

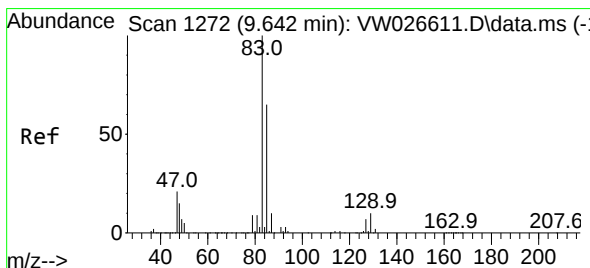
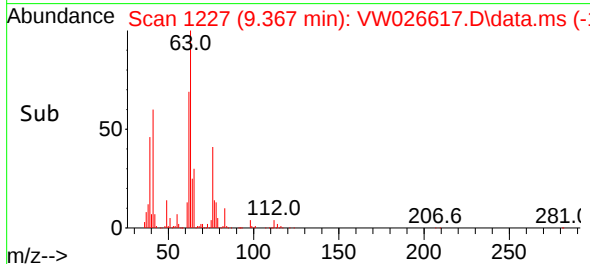
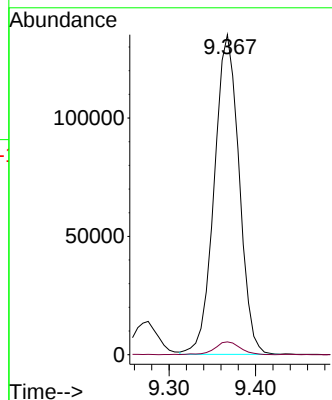
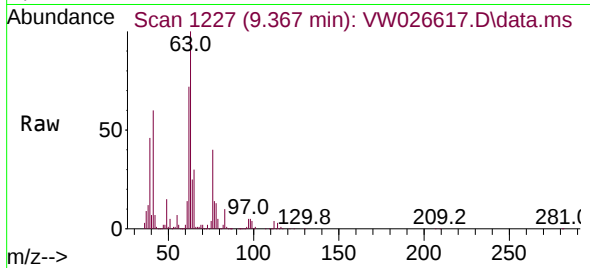




#37
1,2-Dichloropropane
Concen: 25.396 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

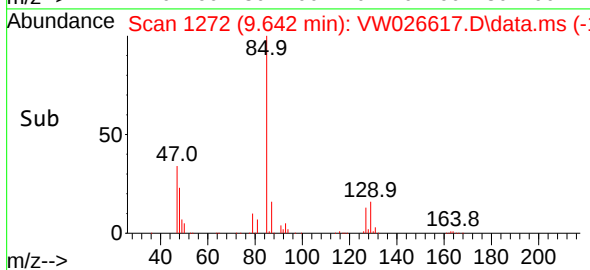
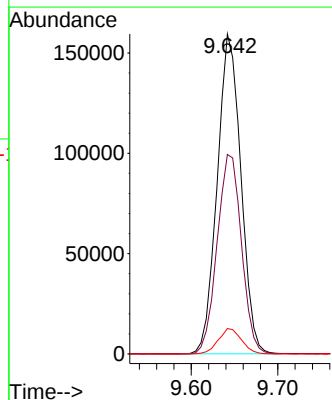
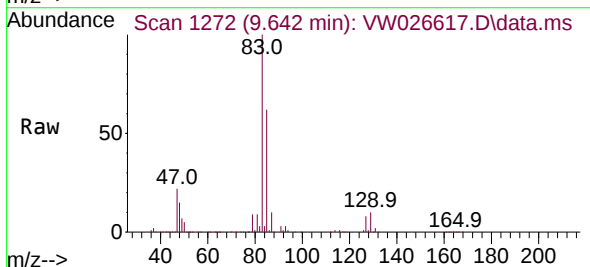
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

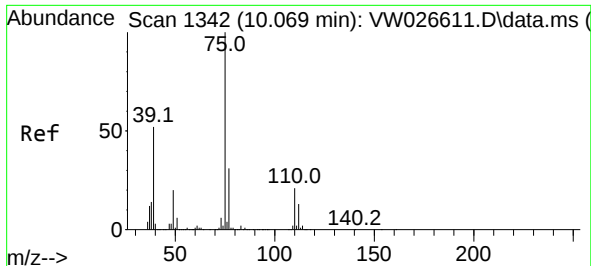
Tgt Ion: 63 Resp: 269363
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.2



#38
Bromodichloromethane
Concen: 25.138 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 83 Resp: 302923
Ion Ratio Lower Upper
83 100
85 62.3 43.3 80.3
127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.966 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

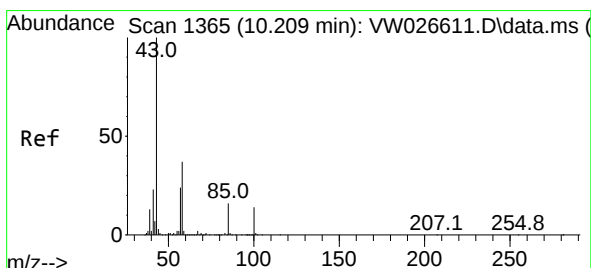
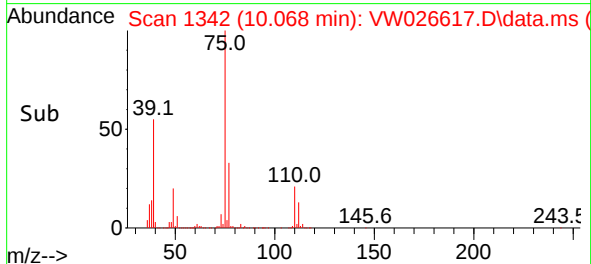
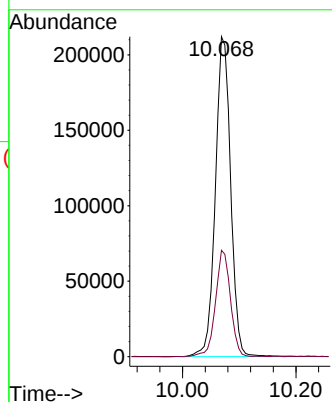
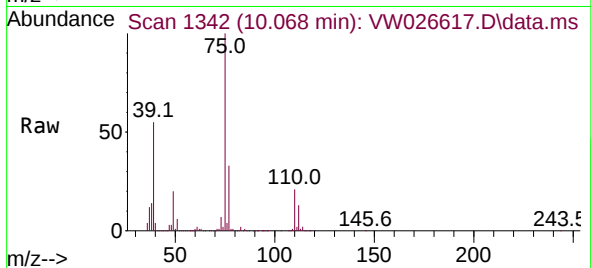
VSTD025563

Tgt Ion: 75 Resp: 396514

Ion Ratio Lower Upper

75 100

77 33.2 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 48.271 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

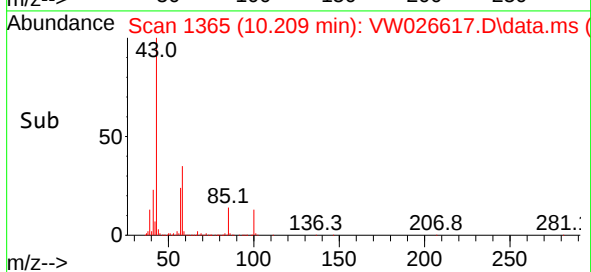
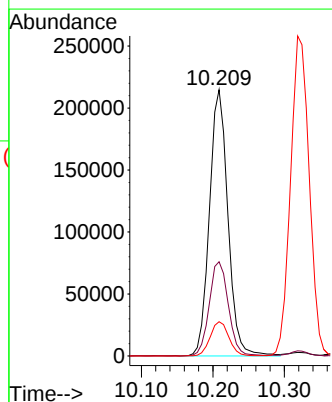
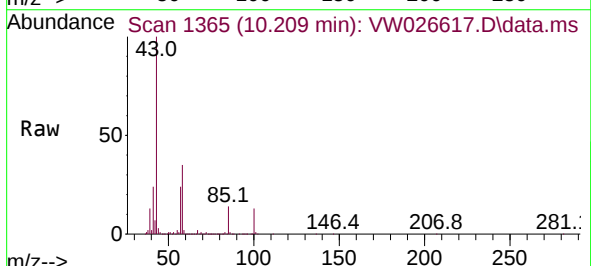
Tgt Ion: 43 Resp: 386432

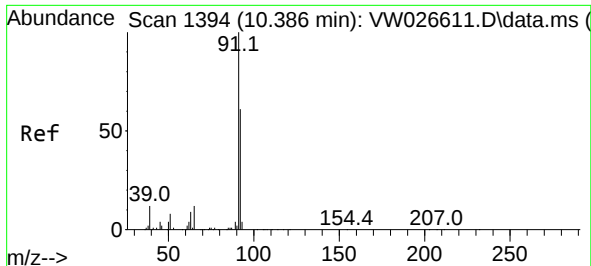
Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.8

100 13.1 10.7 16.1

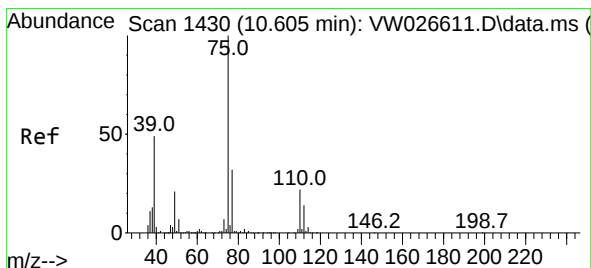
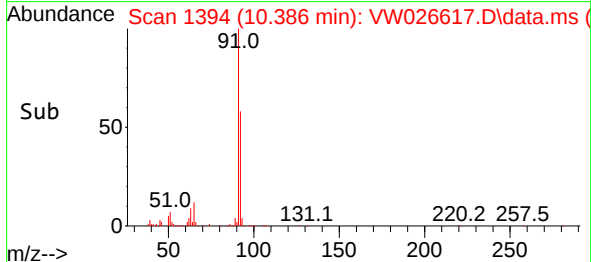
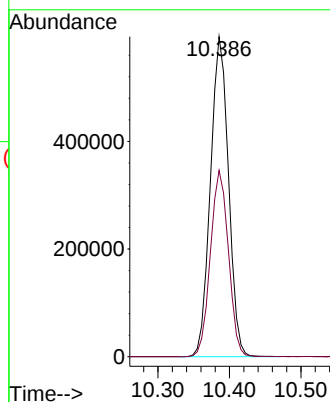
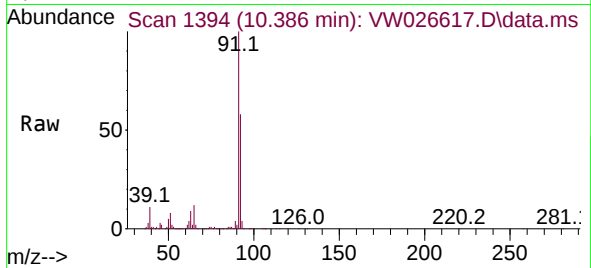




#42
Toluene
Concen: 25.786 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

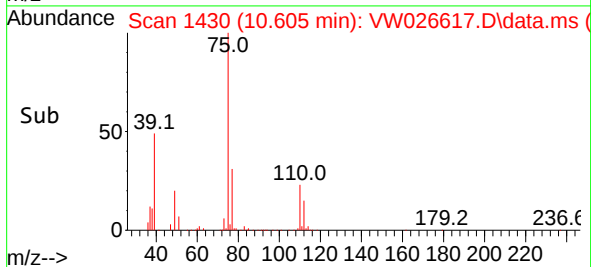
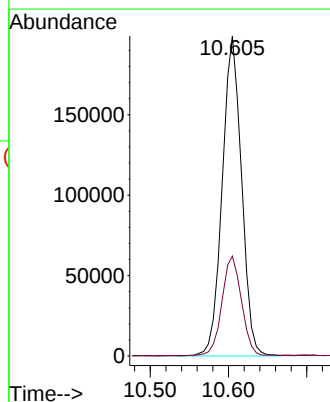
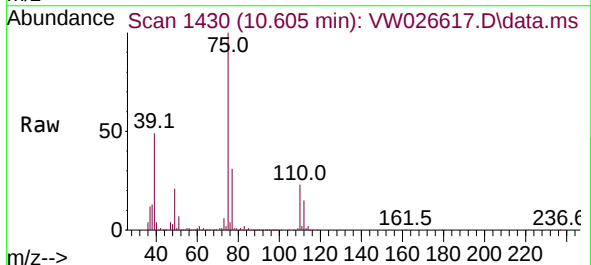
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

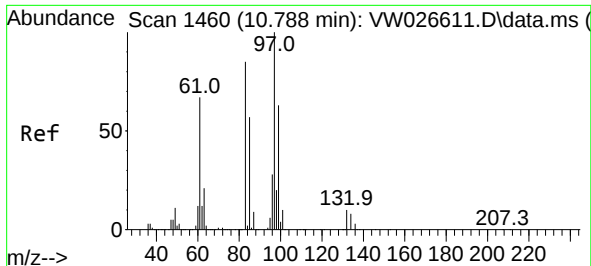
Tgt Ion: 91 Resp: 1040047
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.484 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 75 Resp: 341075
Ion Ratio Lower Upper
75 100
77 31.2 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.619 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion: 97 Resp: 182247

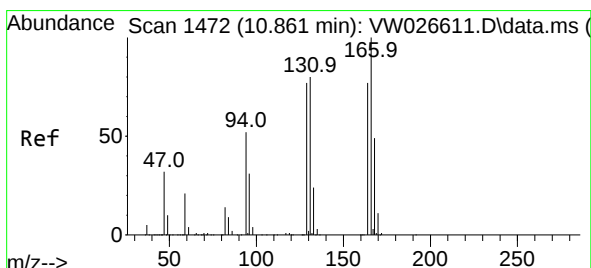
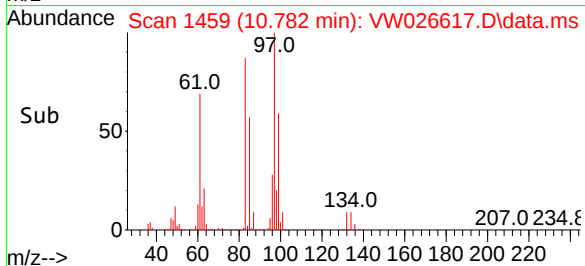
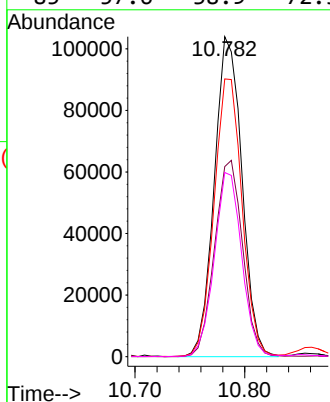
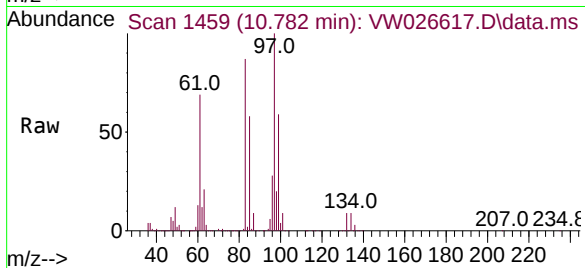
Ion Ratio Lower Upper

97 100

99 59.4 40.5 75.3

83 86.8 61.0 113.2

85 57.6 38.9 72.3



#46

Tetrachloroethene

Concen: 25.262 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Tgt Ion:164 Resp: 183995

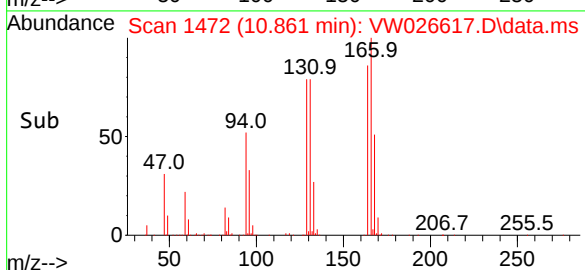
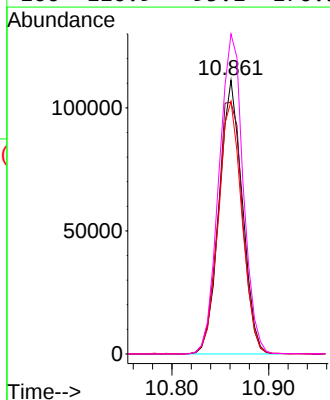
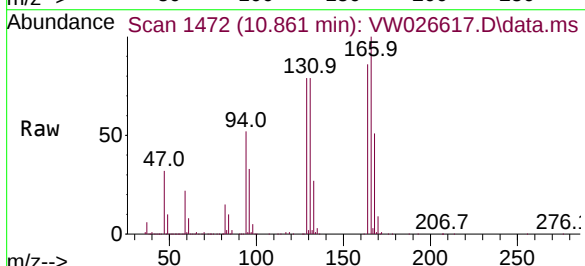
Ion Ratio Lower Upper

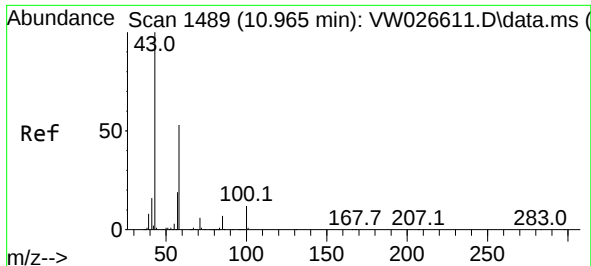
164 100

129 91.9 75.5 140.1

131 92.3 74.8 138.8

166 116.9 95.1 176.5

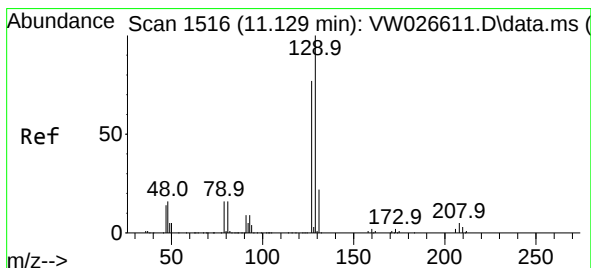
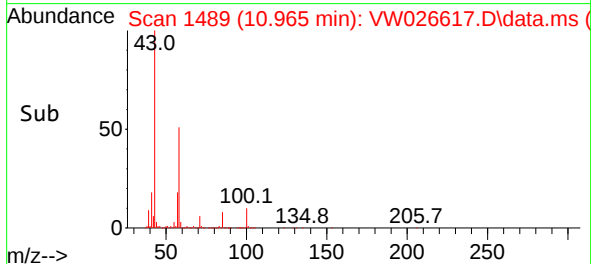
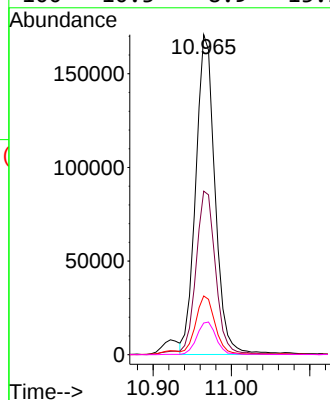
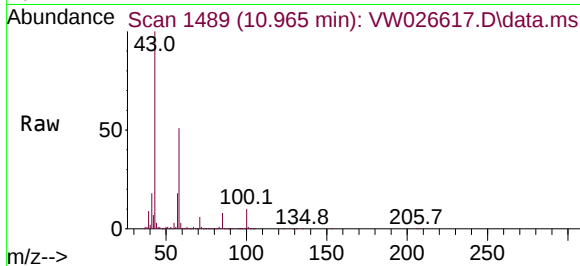




#48
2-Hexanone
Concen: 52.349 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

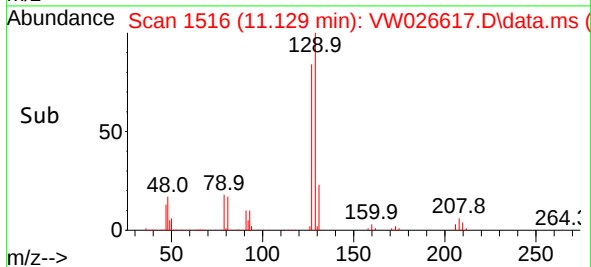
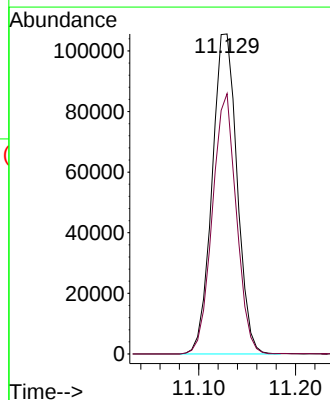
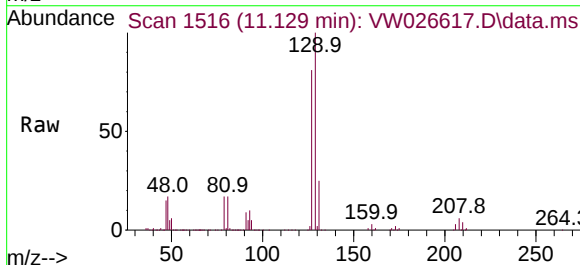
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

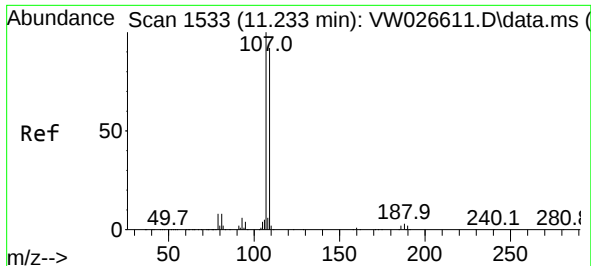
Tgt Ion: 43 Resp: 292470
Ion Ratio Lower Upper
43 100
58 51.3 42.1 63.1
57 18.0 14.8 22.2
100 10.3 8.9 13.3



#49
Dibromochloromethane
Concen: 25.850 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 129 Resp: 189479
Ion Ratio Lower Upper
129 100
127 81.3 51.2 95.2





#50

1,2-Dibromoethane

Concen: 25.206 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

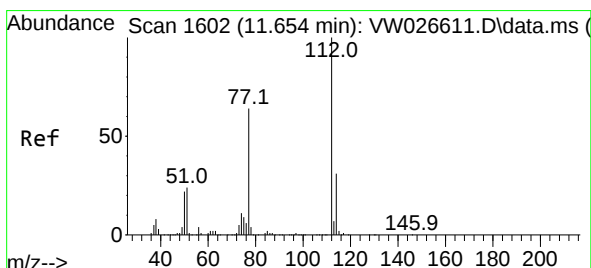
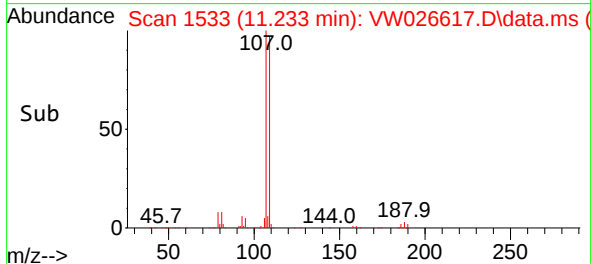
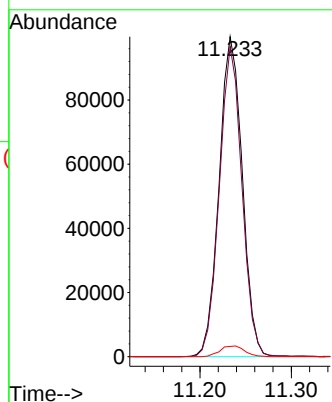
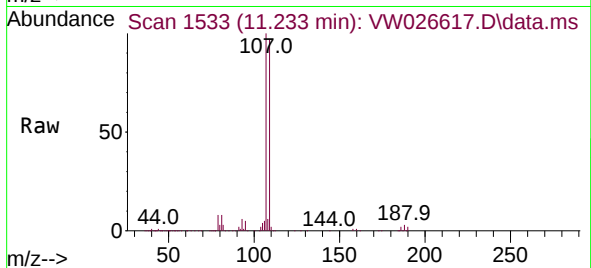
Tgt Ion:107 Resp: 175892

Ion Ratio Lower Upper

107 100

109 96.9 62.9 116.7

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 24.922 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

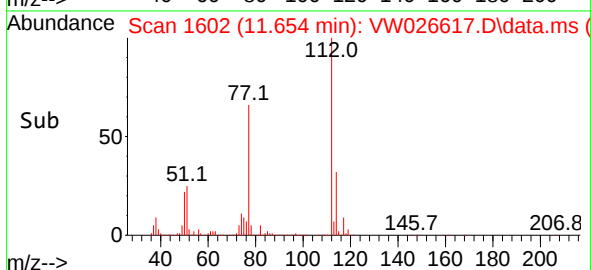
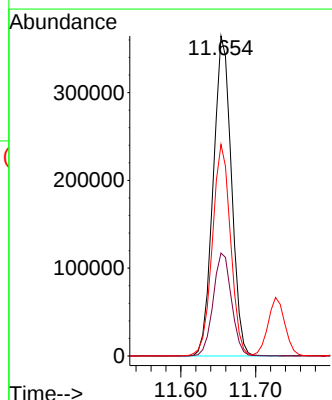
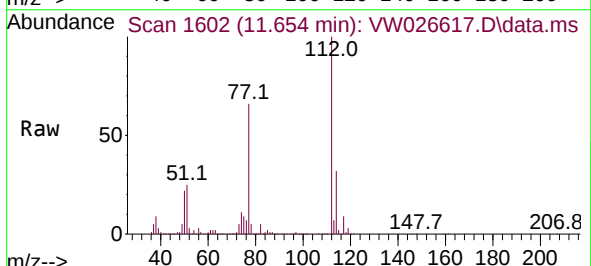
Tgt Ion:112 Resp: 616317

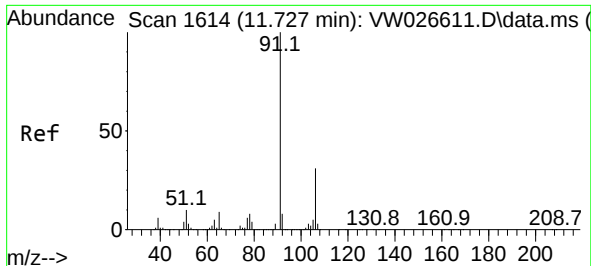
Ion Ratio Lower Upper

112 100

114 32.2 21.6 40.2

77 66.1 50.3 75.5

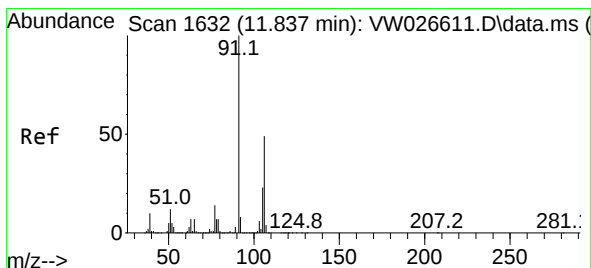
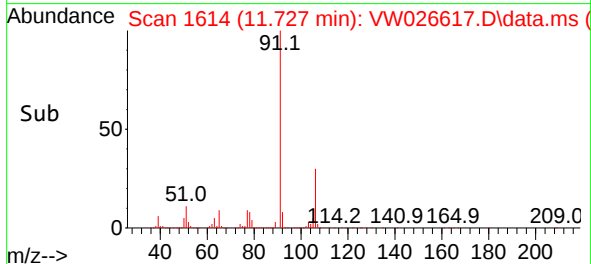
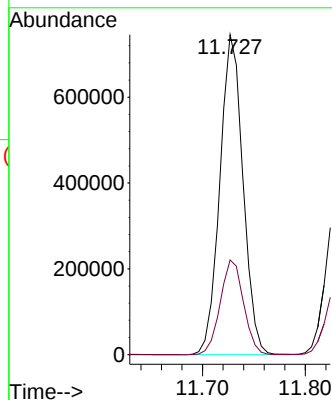
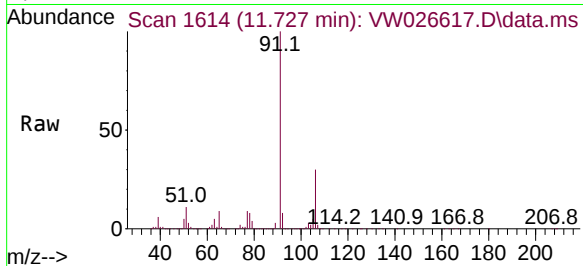




#52
Ethylbenzene
Concen: 25.925 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

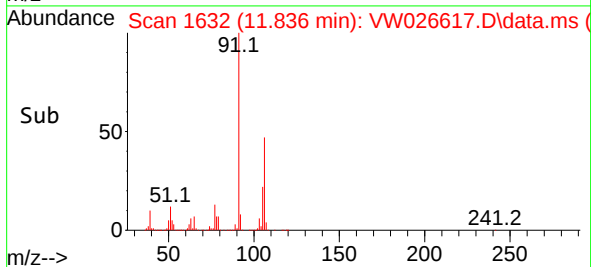
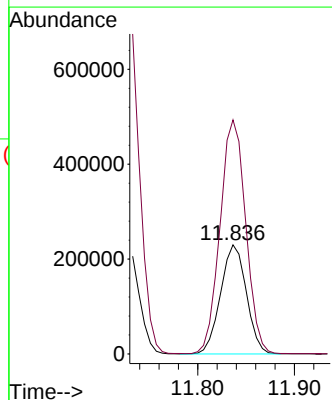
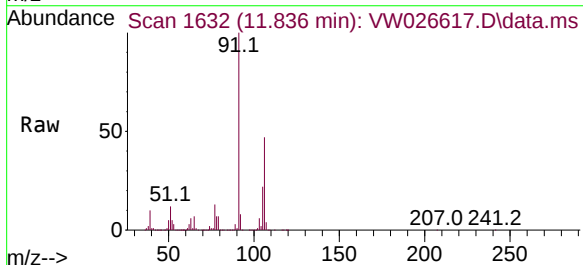
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

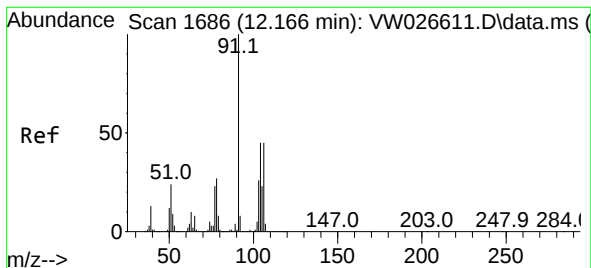
Tgt Ion: 91 Resp: 1164131
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 26.096 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 106 Resp: 426311
Ion Ratio Lower Upper
106 100
91 214.5 150.3 279.1

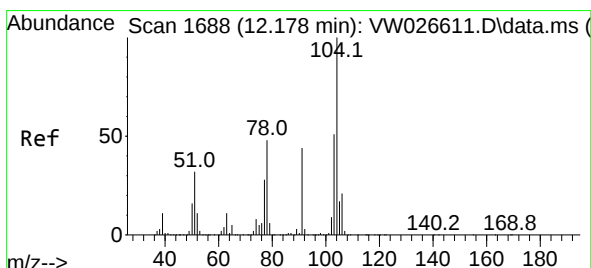
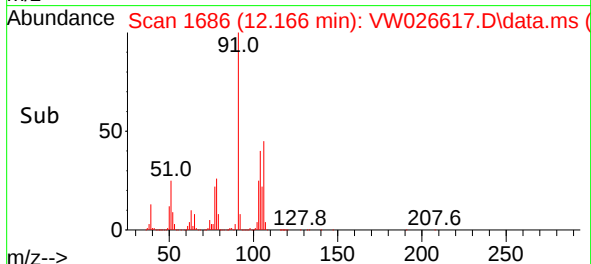
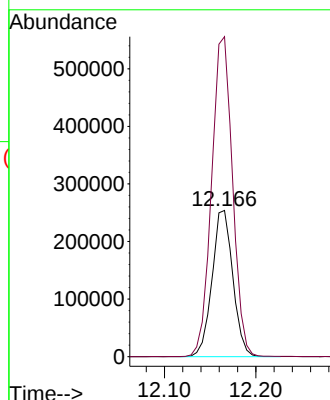
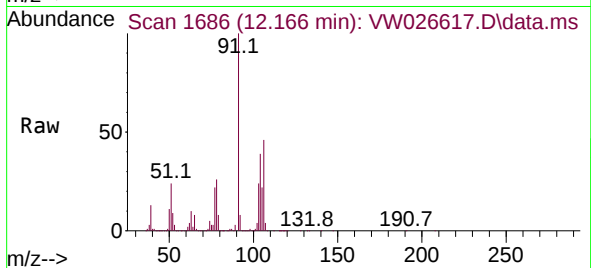




#54
o-Xylene
Concen: 26.226 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

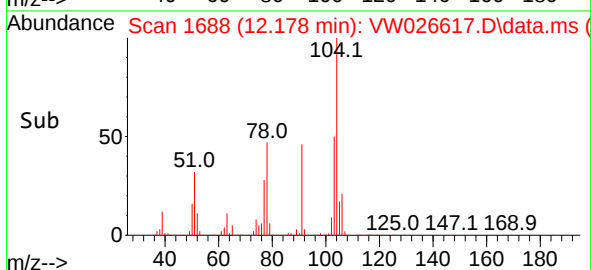
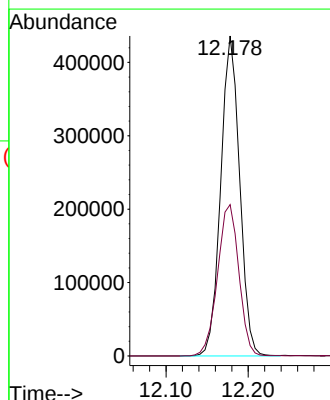
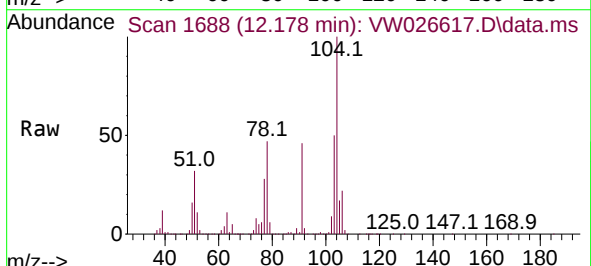
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

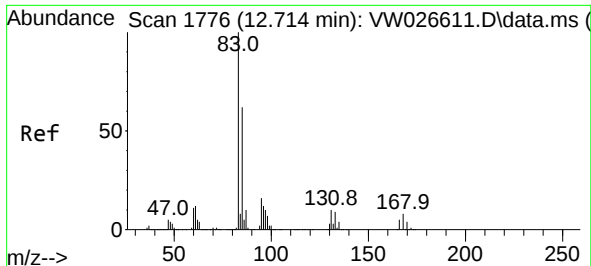
Tgt Ion:106 Resp: 402138
Ion Ratio Lower Upper
106 100
91 218.9 154.3 286.5



#55
Styrene
Concen: 26.968 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion:104 Resp: 697498
Ion Ratio Lower Upper
104 100
78 47.3 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.406 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

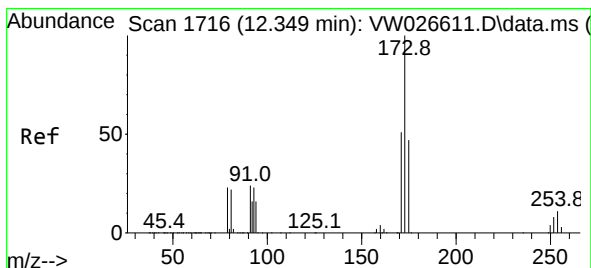
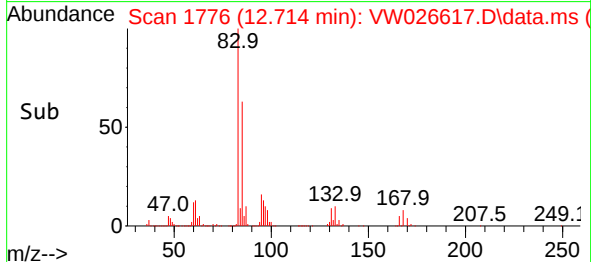
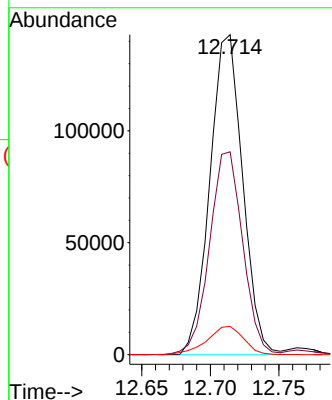
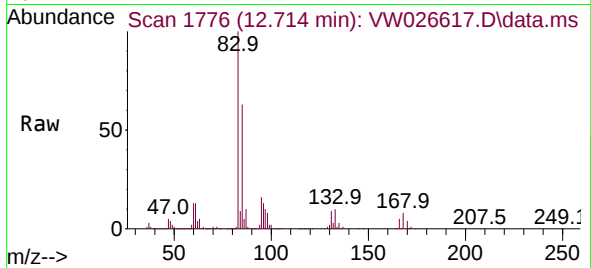
Tgt Ion: 83 Resp: 237104

Ion Ratio Lower Upper

83 100

85 63.4 46.2 85.8

131 8.9 7.2 10.8



#59

Bromoform

Concen: 23.617 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

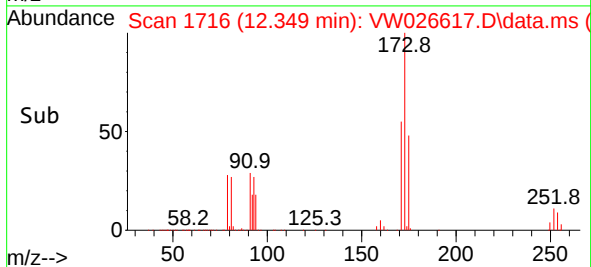
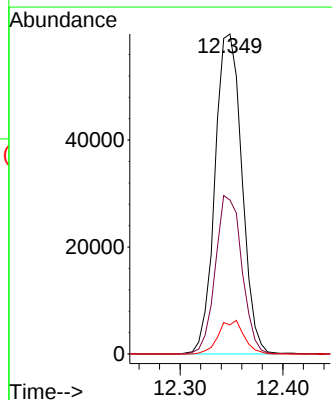
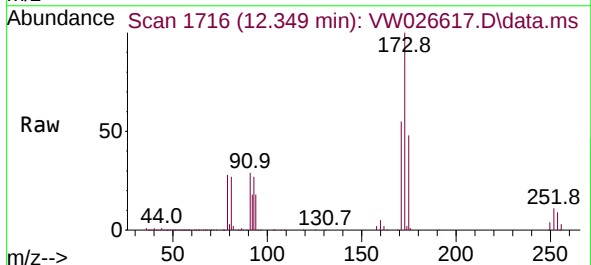
Tgt Ion:173 Resp: 108910

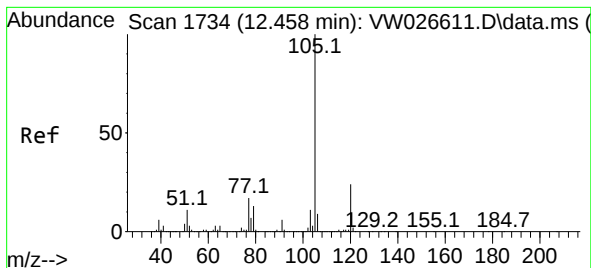
Ion Ratio Lower Upper

173 100

175 48.7 36.6 54.8

254 9.9 7.8 11.6





#60

Isopropylbenzene

Concen: 25.214 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

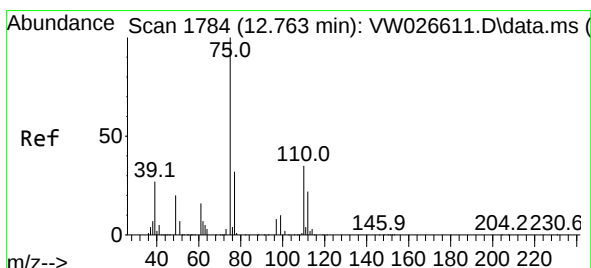
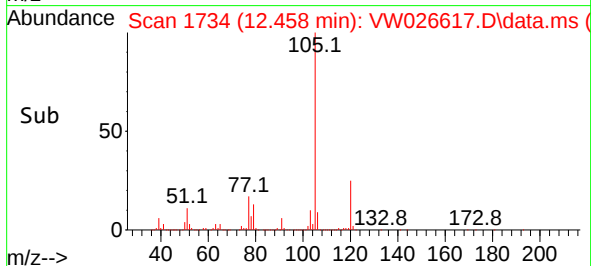
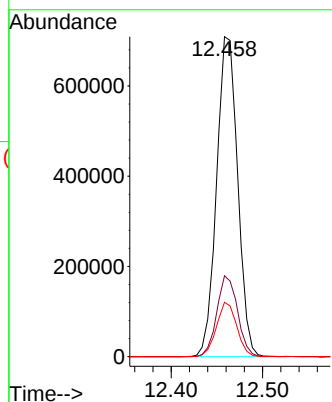
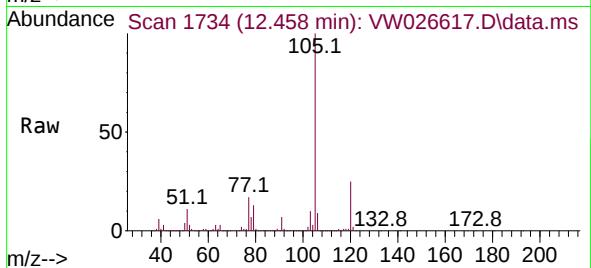
Tgt Ion:105 Resp: 1137454

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 16.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.476 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

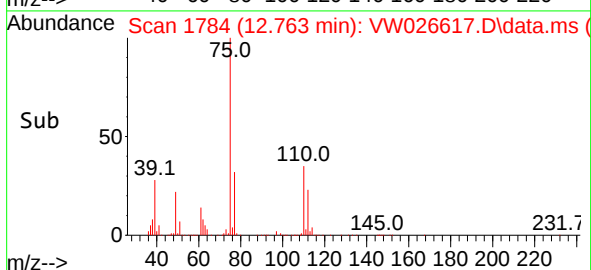
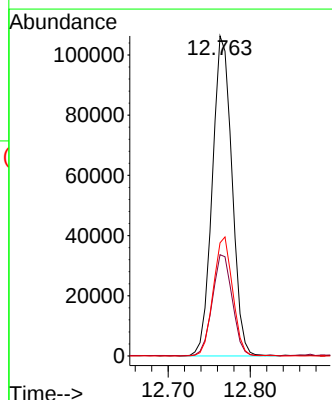
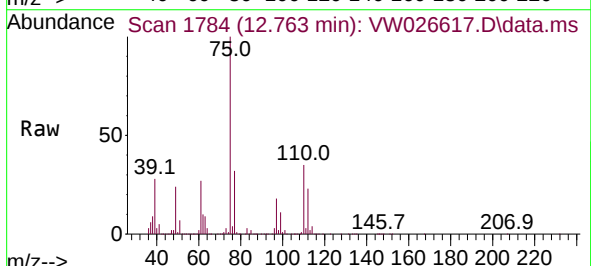
Tgt Ion: 75 Resp: 177003

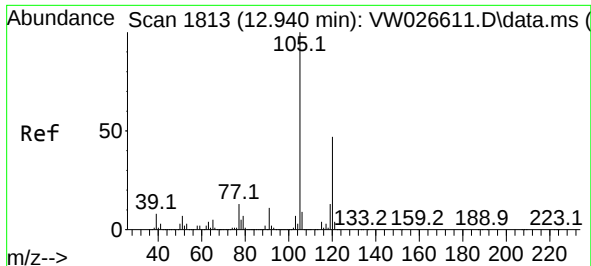
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 36.5 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 26.455 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

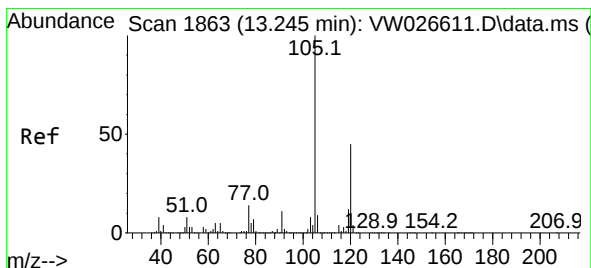
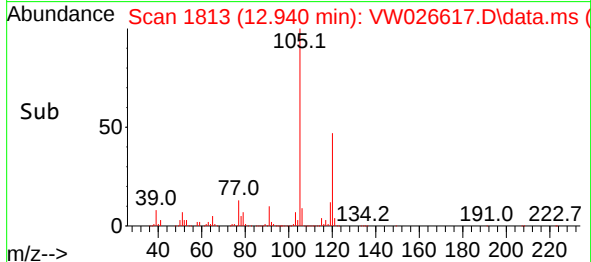
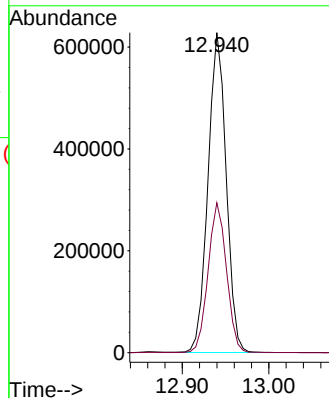
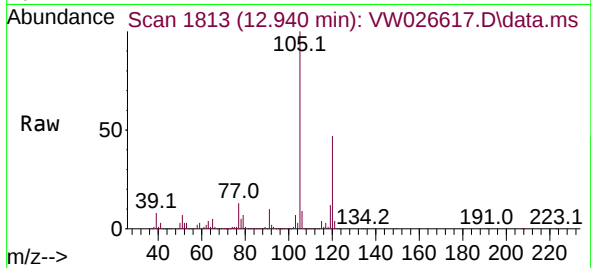
VSTD025563

Tgt Ion:105 Resp: 915366

Ion Ratio Lower Upper

105 100

120 47.4 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.311 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026617.D

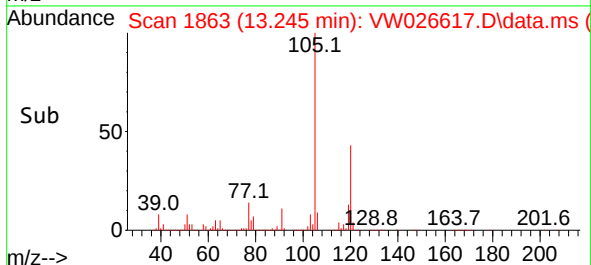
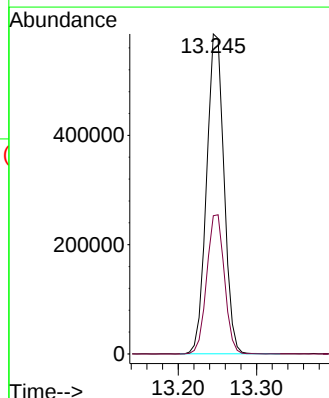
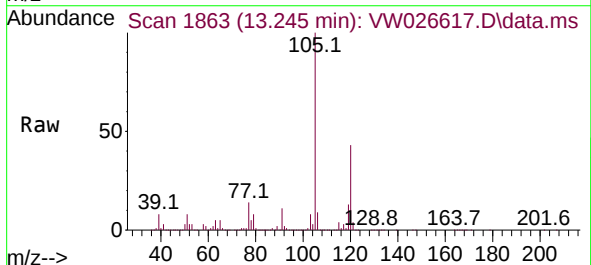
Acq: 19 Jul 2023 12:11

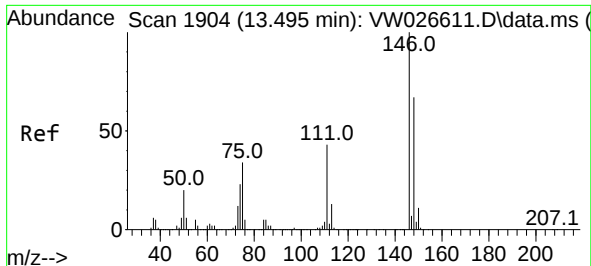
Tgt Ion:105 Resp: 902592

Ion Ratio Lower Upper

105 100

120 44.1 35.2 52.8

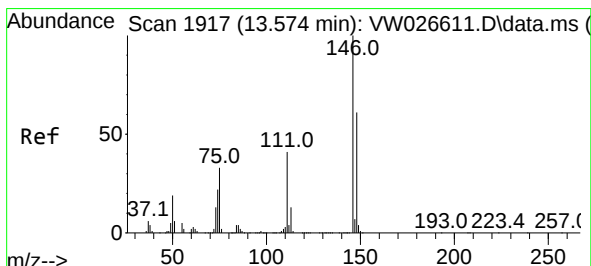
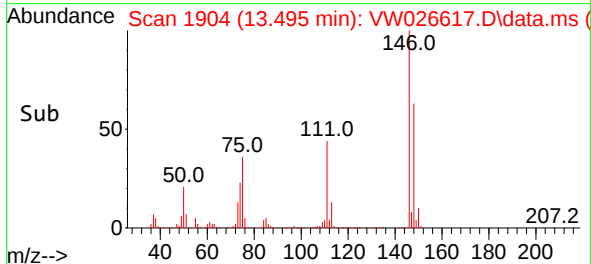
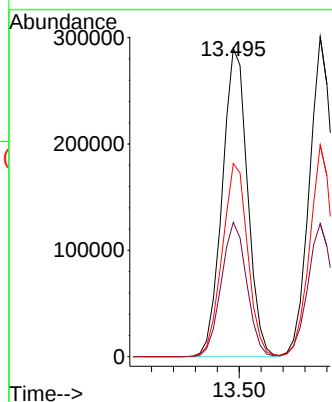
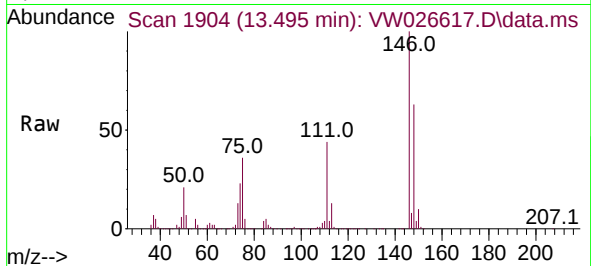




#64
1,3-Dichlorobenzene
Concen: 24.537 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

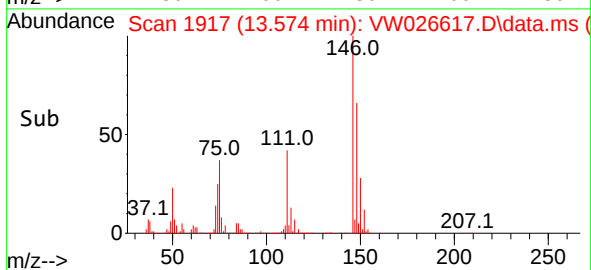
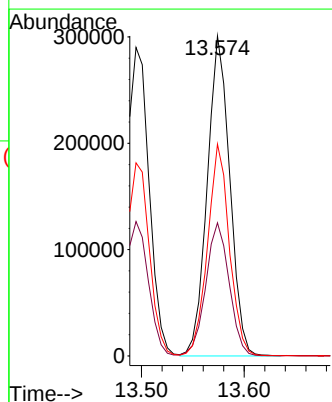
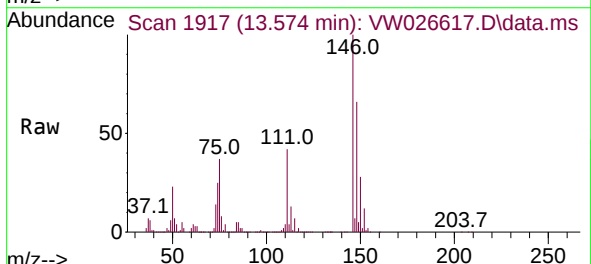
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

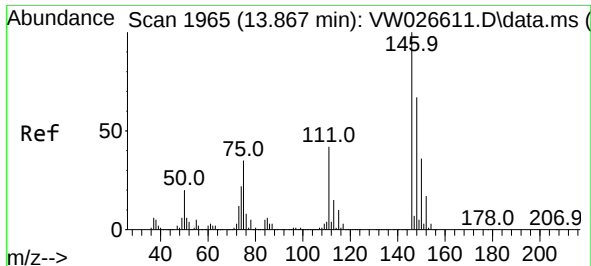
Tgt Ion:146 Resp: 464468
Ion Ratio Lower Upper
146 100
111 43.6 30.4 56.4
148 62.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 24.365 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026617.D
Acq: 19 Jul 2023 12:11

Tgt Ion:146 Resp: 459978
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 66.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.298 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

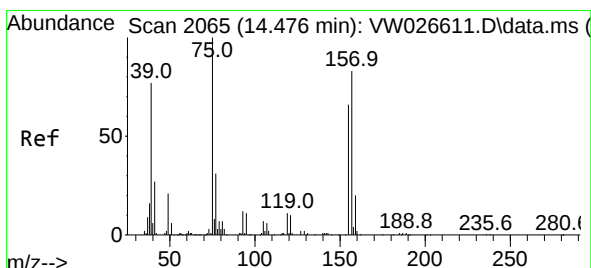
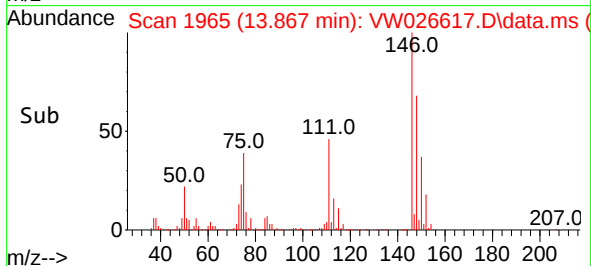
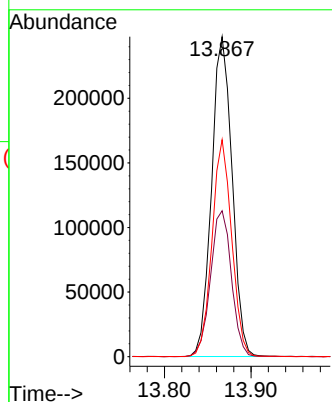
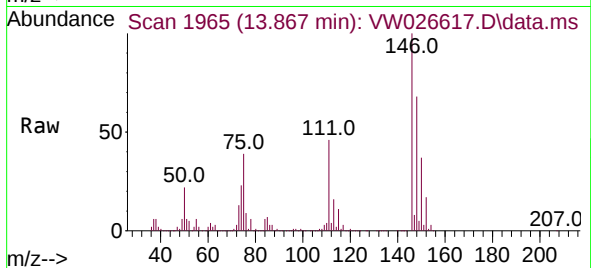
Tgt Ion:146 Resp: 407061

Ion Ratio Lower Upper

146 100

111 45.6 31.8 47.8

148 67.8 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 21.840 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

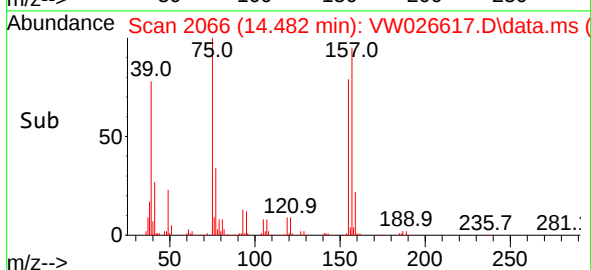
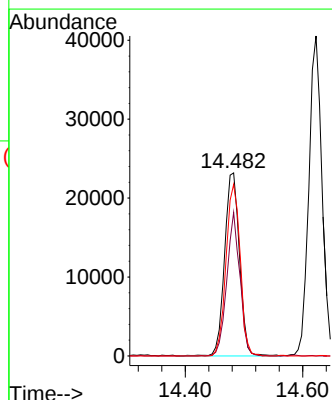
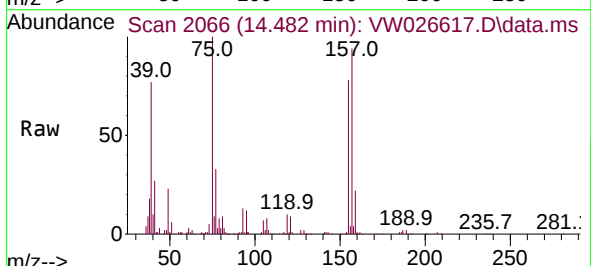
Tgt Ion: 75 Resp: 40937

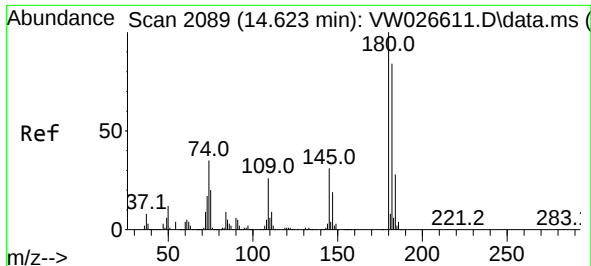
Ion Ratio Lower Upper

75 100

155 78.4 49.1 73.7#

157 93.7 60.6 90.8#





#69

1,3,5-Trichlorobenzene

Concen: 25.438 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion:180 Resp: 318655

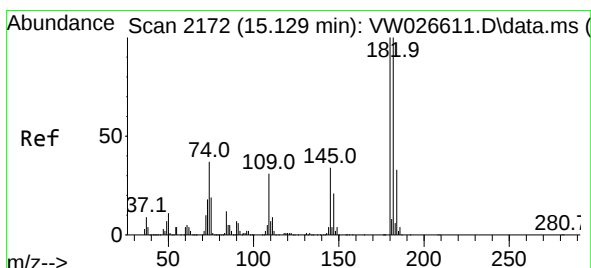
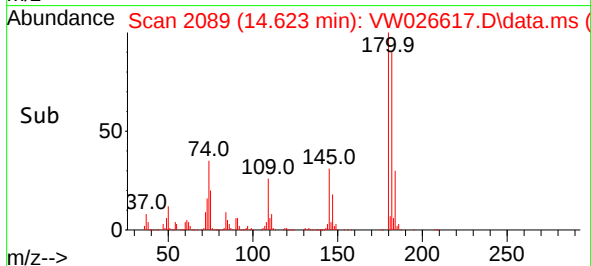
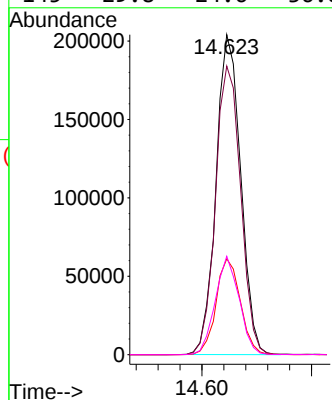
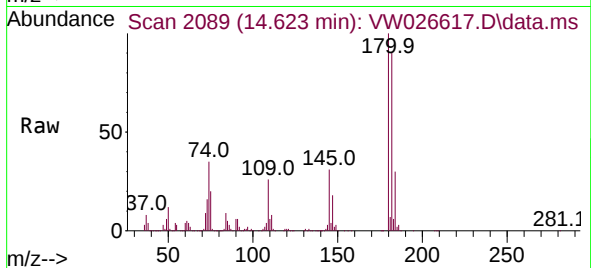
Ion Ratio Lower Upper

180 100

182 92.3 75.8 113.6

184 29.6 23.7 35.5

145 29.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.617 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

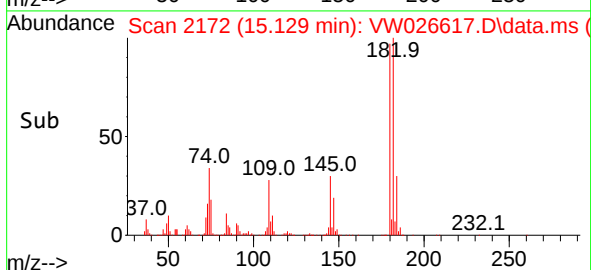
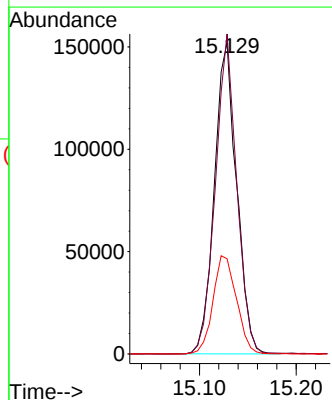
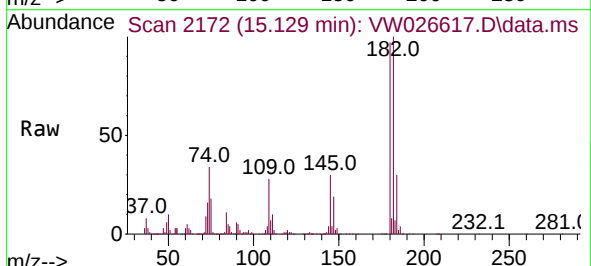
Tgt Ion:180 Resp: 242782

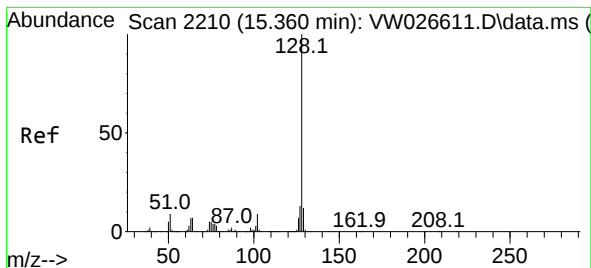
Ion Ratio Lower Upper

180 100

182 98.6 73.5 110.3

145 33.3 25.0 37.6





#71

Naphthalene

Concen: 24.249 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

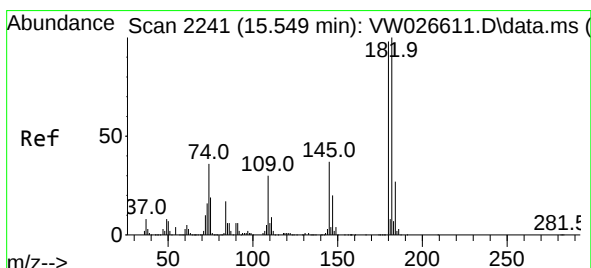
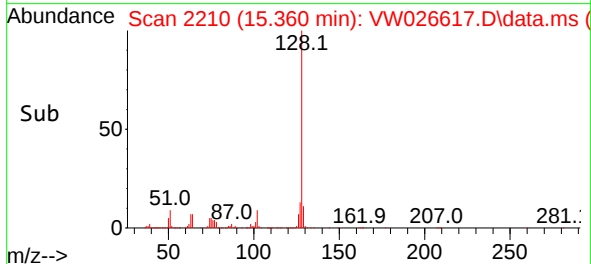
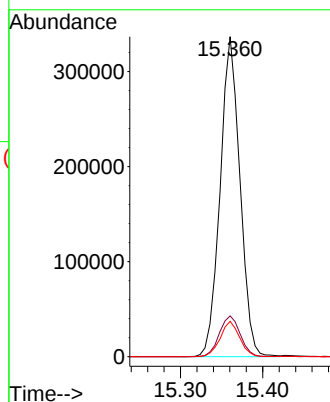
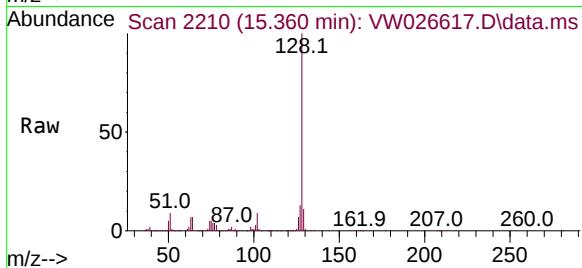
Tgt Ion:128 Resp: 564509

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.812 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026617.D

Acq: 19 Jul 2023 12:11

Tgt Ion:180 Resp: 240122

Ion Ratio Lower Upper

180 100

182 91.9 75.2 112.8

145 31.8 26.6 40.0

