

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024280.D
 Acq On : 18 Aug 2022 17:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Aug 18 21:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	232529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	103742	21.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.873	69	77204	25.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	4.013	63	126339	22.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.240%
21) 2-Butanone-d5	7.074	46	56853	62.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.740%
24) Chloroform-d	7.647	84	183899	26.138	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	8.299	65	105965	27.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.269	84	324411	22.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	9.274	67	102889	24.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.317	98	298677	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	10.573	79	44068	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.921	63	47035	61.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112556	27.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	118977	23.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	54564	26.672	ug/L	98
3) Chloromethane	2.215	50	89744	23.391	ug/L	98
5) Vinyl chloride	2.349	62	142490	26.679	ug/L	100
6) Bromomethane	2.763	94	82914	27.076	ug/L	98
8) Chloroethane	2.910	64	69104	29.538	ug/L	99
9) Trichlorofluoromethane	3.245	101	42695	16.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	93915	27.504	ug/L	97
12) 1,1-Dichloroethene	4.025	96	74112	26.511	ug/L	95
14) Carbon disulfide	4.379	76	196097	21.921	ug/L	97
15) Methyl Acetate	4.672	43	47379	31.596	ug/L	97
16) Methylene chloride	4.909	84	108718	26.513	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	86464	26.783	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	161642	35.114	ug/L	99
19) 1,1-Dichloroethane	6.214	63	164644	28.952	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	103063	29.069	ug/L #	99
22) 2-Butanone	7.171	43	69035	61.537	ug/L	100
23) Bromochloromethane	7.513	128	52489	29.728	ug/L	96
25) Chloroform	7.671	83	194115	30.977	ug/L	94
27) 1,2-Dichloroethane	8.397	62	133782	31.727	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024280.D
 Acq On : 18 Aug 2022 17:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

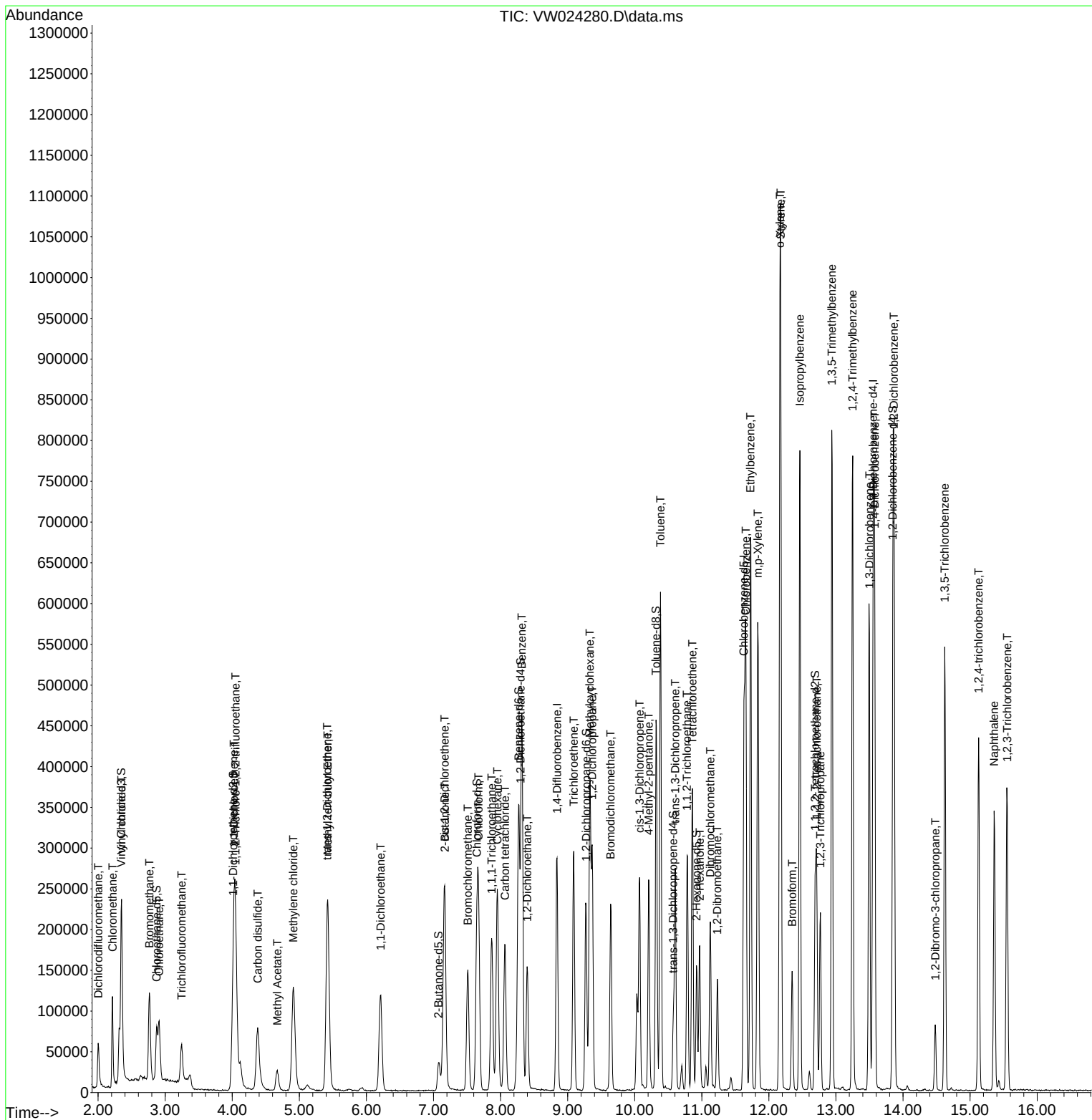
Quant Time: Aug 18 21:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

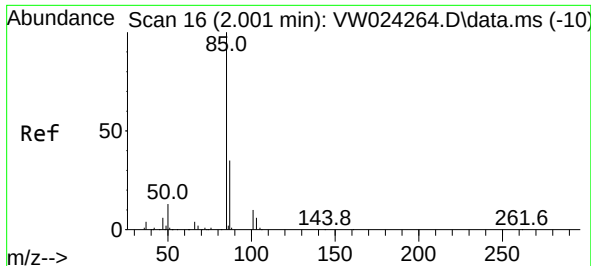
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	119997	24.465	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	148874	27.594	ug/L	99
31) Carbon tetrachloride	8.067	117	132833	26.097	ug/L	96
33) Benzene	8.317	78	382488	27.069	ug/L	100
34) Trichloroethene	9.092	95	99432	26.623	ug/L	97
35) Methylcyclohexane	9.329	83	145971	24.924	ug/L	99
37) 1,2-Dichloropropane	9.366	63	100522	28.779	ug/L	100
38) Bromodichloromethane	9.640	83	142796	29.148	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	146717	28.551	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152999	66.000	ug/L	99
42) Toluene	10.384	91	426453	28.401	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	142587	30.367	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	89362	30.354	ug/L	97
46) Tetrachloroethene	10.860	164	79676	26.351	ug/L	96
48) 2-Hexanone	10.969	43	107833	68.543	ug/L	99
49) Dibromochloromethane	11.128	129	104247	29.413	ug/L	98
50) 1,2-Dibromoethane	11.231	107	84549	29.975	ug/L	96
51) Chlorobenzene	11.658	112	284407	27.723	ug/L	94
52) Ethylbenzene	11.725	91	462919	28.139	ug/L	99
53) m,p-Xylene	11.835	106	183222	28.612	ug/L	87
54) o-Xylene	12.164	106	177056	29.267	ug/L	95
55) Styrene	12.176	104	326950	31.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116303	31.610	ug/L	98
59) Bromoform	12.347	173	62938	29.299	ug/L	98
60) Isopropylbenzene	12.463	105	481681	28.253	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	83210	29.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	406392	28.845	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	409102	29.484	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	229555	27.497	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	236379	26.739	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	224049	28.261	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18786	28.688	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	155328	28.374	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	130288	29.719	ug/L	99
71) Naphthalene	15.359	128	274520	32.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	119545	29.951	ug/L	97

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

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Quant Time: Aug 18 21:06:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 18 01:04:13 2022
Response via : Initial Calibration

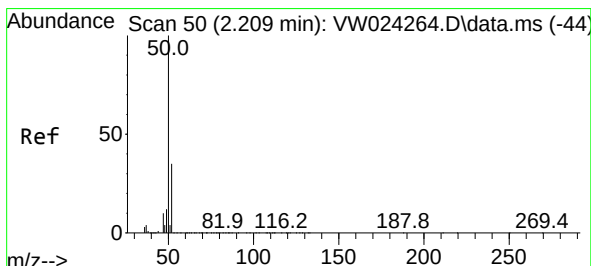
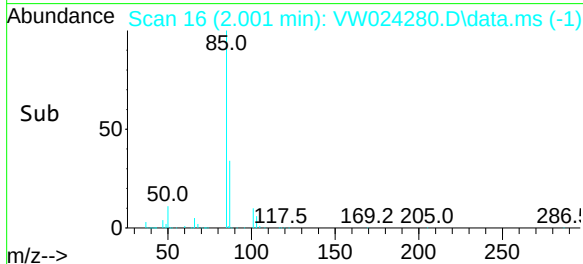
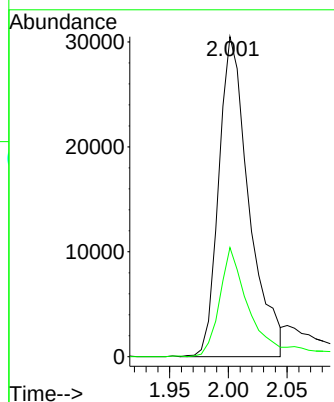
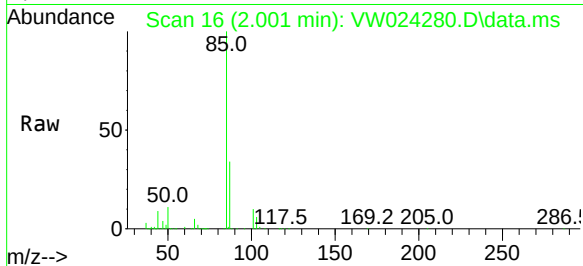




#2
Dichlorodifluoromethane
Concen: 26.672 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

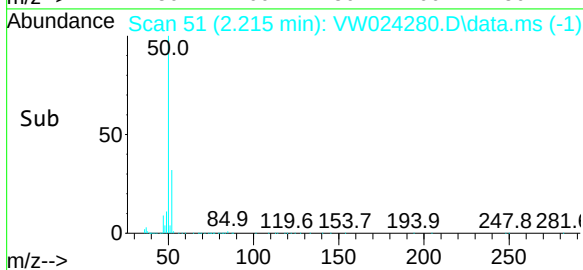
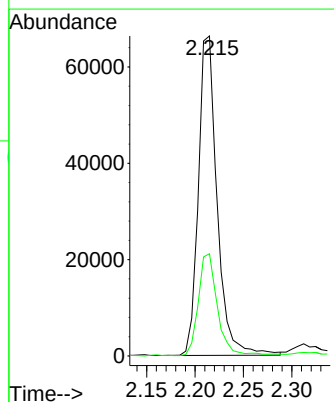
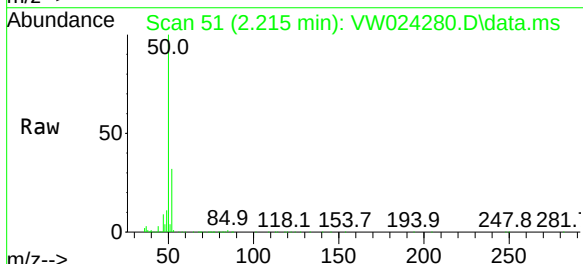
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

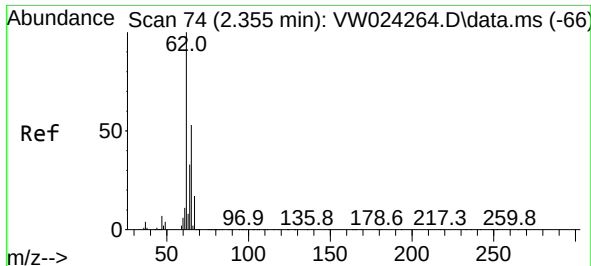
Tgt Ion: 85 Resp: 54564
Ion Ratio Lower Upper
85 100
87 31.7 24.5 36.7



#3
Chloromethane
Concen: 23.391 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 50 Resp: 89744
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2

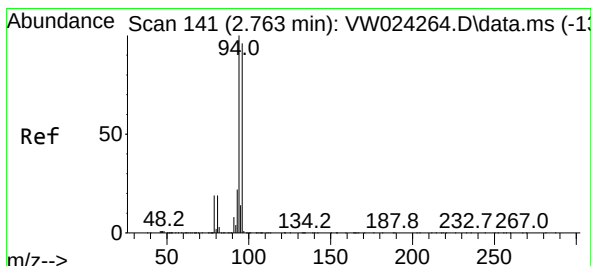
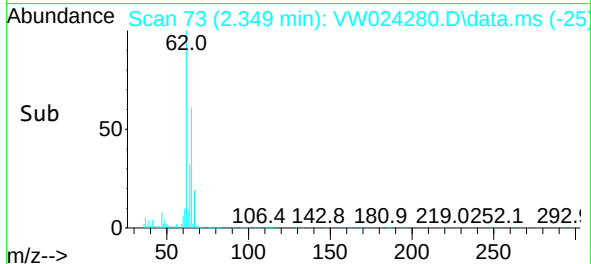
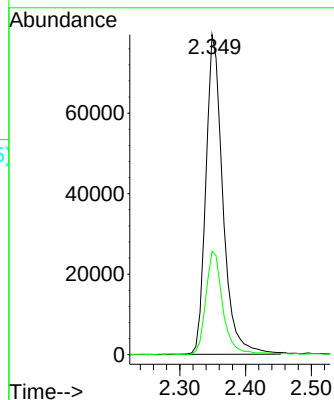
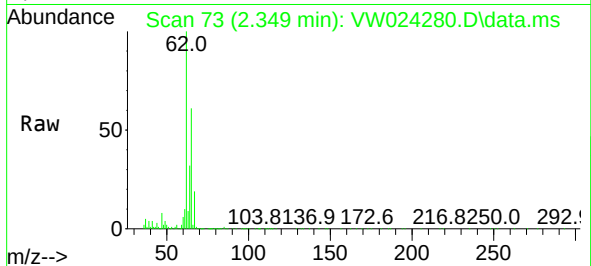




#5
 Vinyl chloride
 Concen: 26.679 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

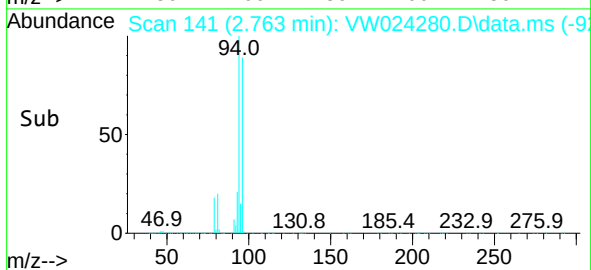
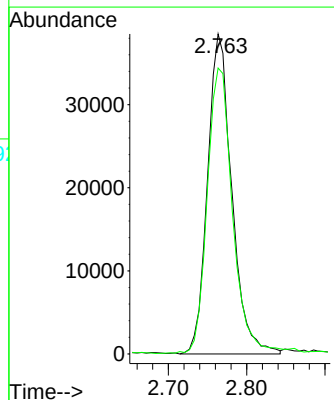
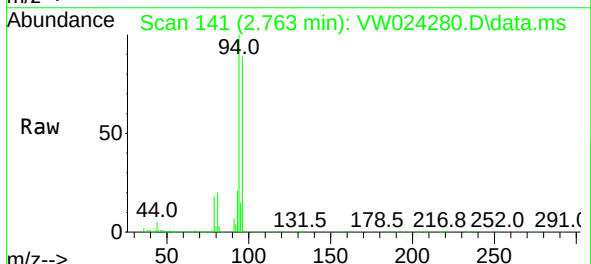
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

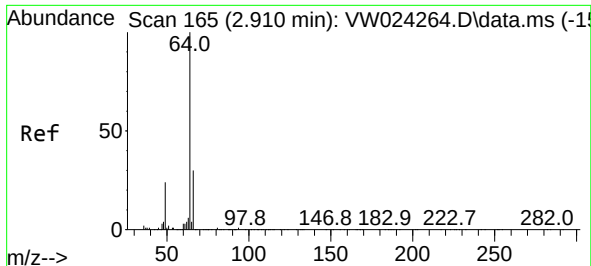
Tgt Ion: 62 Resp: 142490
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.3



#6
 Bromomethane
 Concen: 27.076 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

Tgt Ion: 94 Resp: 82914
 Ion Ratio Lower Upper
 94 100
 96 89.3 61.0 113.4

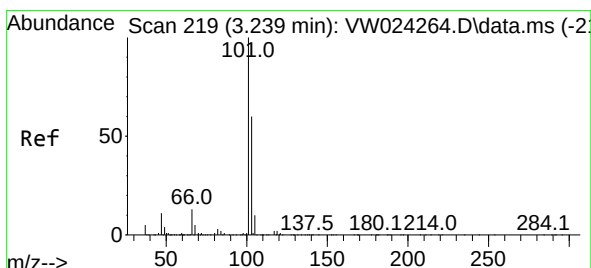
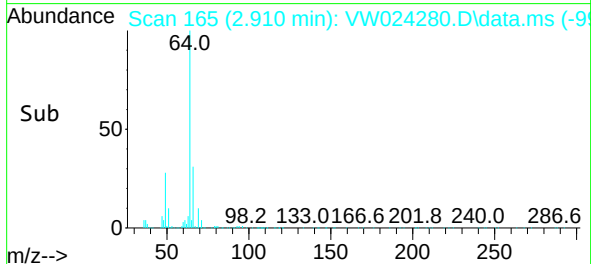
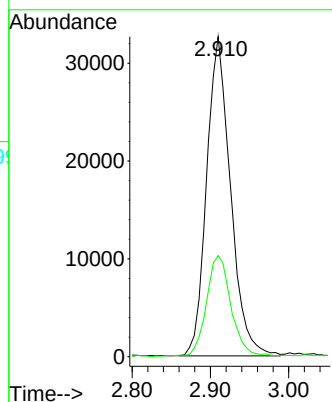
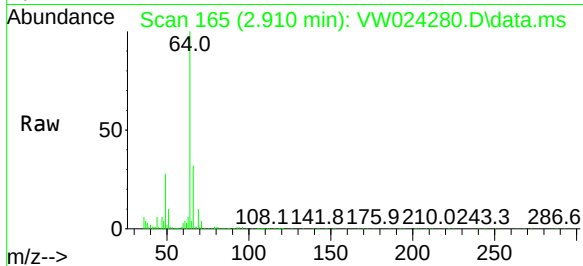




#8
Chloroethane
Concen: 29.538 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

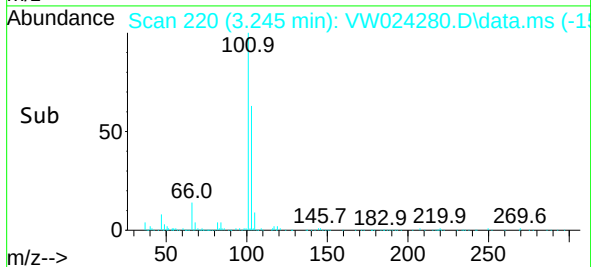
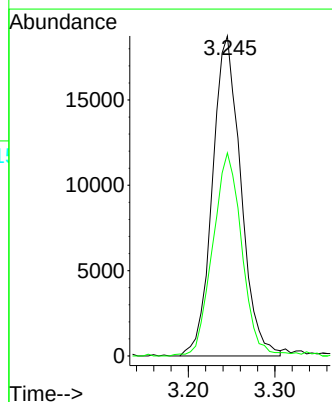
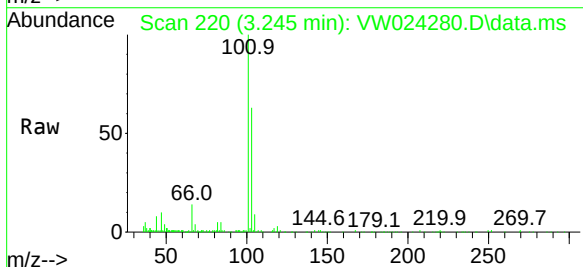
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

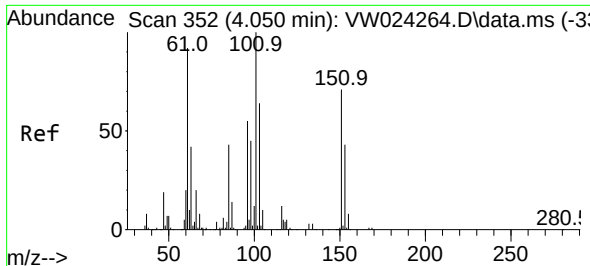
Tgt Ion: 64 Resp: 69104
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 16.863 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 101 Resp: 42695
Ion Ratio Lower Upper
101 100
103 64.4 50.5 75.7

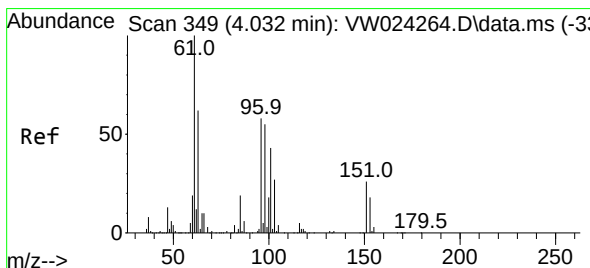
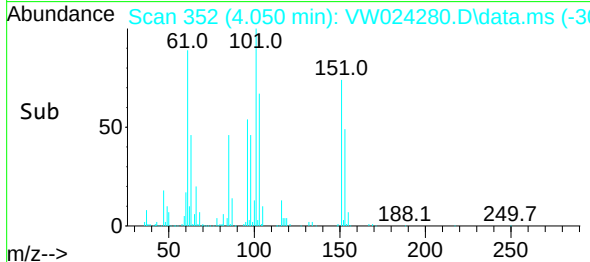
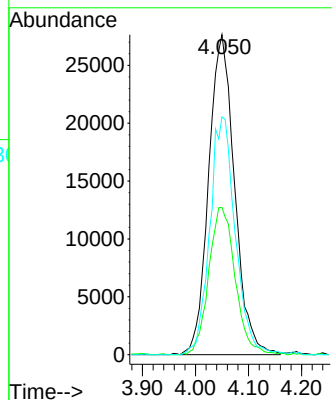
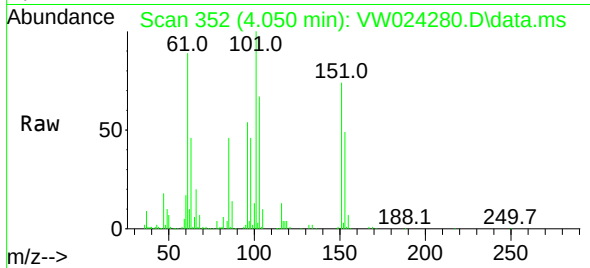




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.504 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

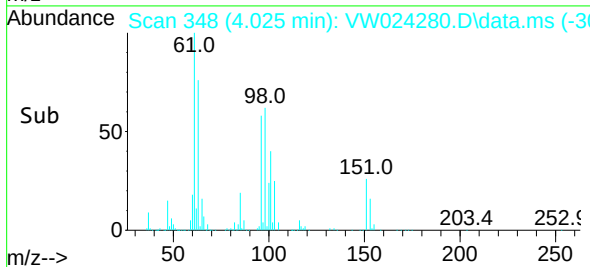
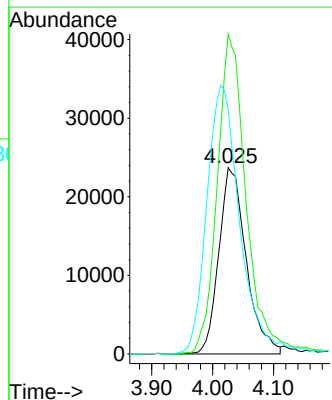
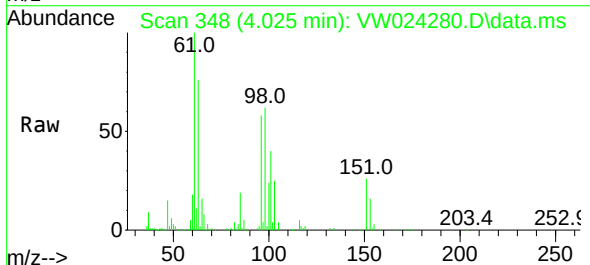
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

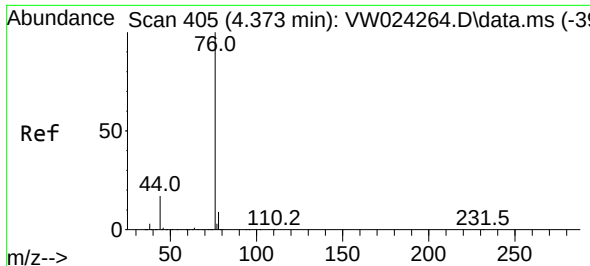
Tgt Ion:101 Resp: 93915
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.9 52.3
 151 73.0 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 26.511 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

Tgt Ion: 96 Resp: 74112
 Ion Ratio Lower Upper
 96 100
 61 171.8 123.1 228.5
 63 130.8 84.9 157.7

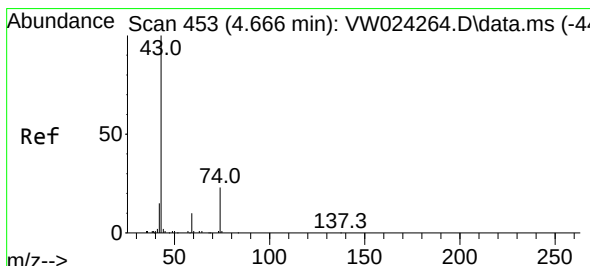
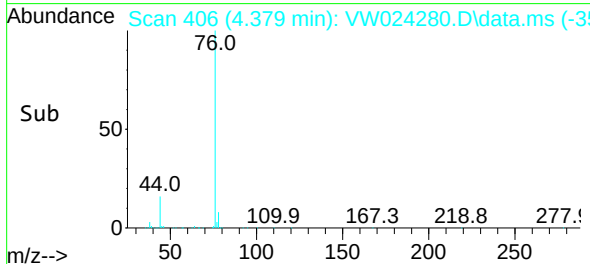
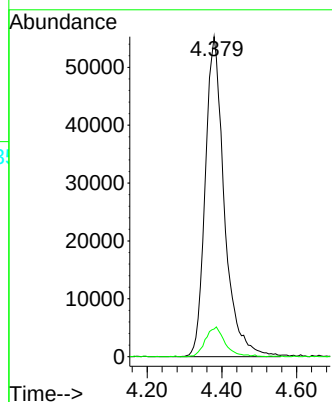
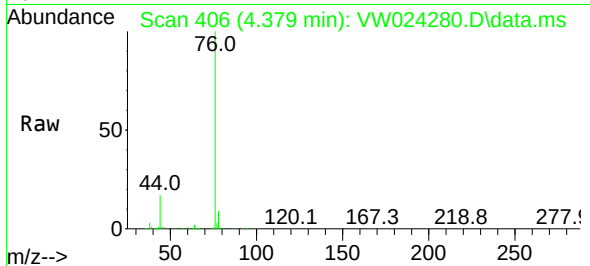




#14
Carbon disulfide
Concen: 21.921 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

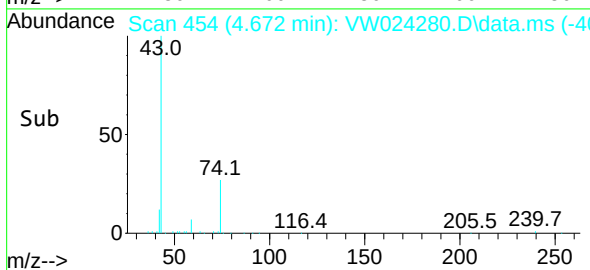
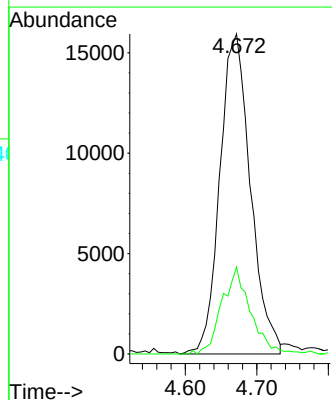
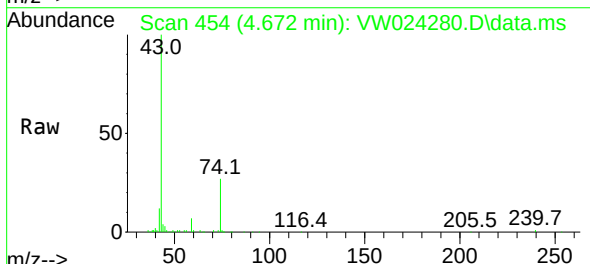
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

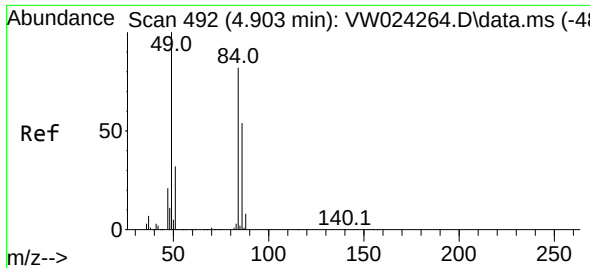
Tgt Ion: 76 Resp: 196097
Ion Ratio Lower Upper
76 100
78 8.6 7.9 11.9



#15
Methyl Acetate
Concen: 31.596 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 43 Resp: 47379
Ion Ratio Lower Upper
43 100
74 25.3 21.5 32.3

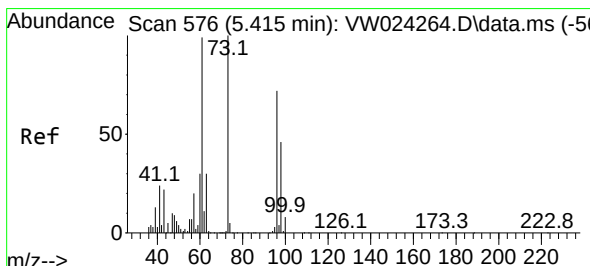
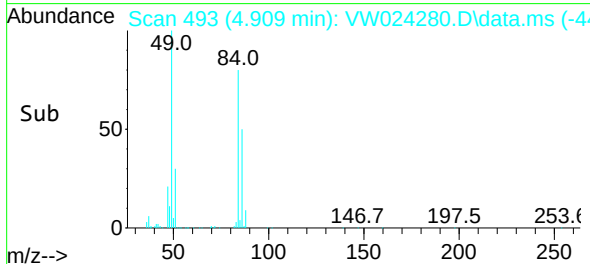
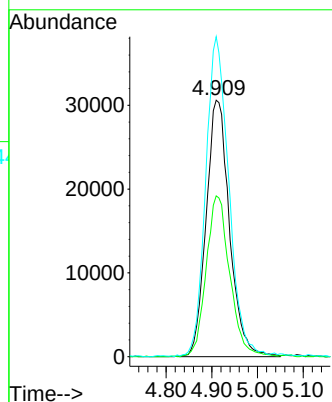
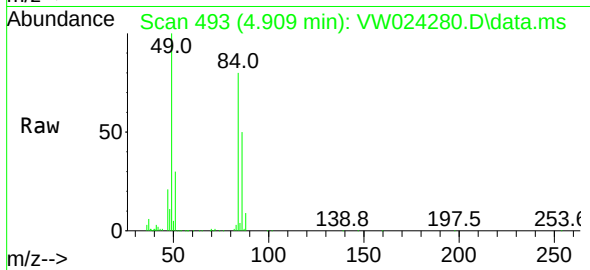




#16
Methylene chloride
Concen: 26.513 ug/L
RT: 4.909 min Scan# 492
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

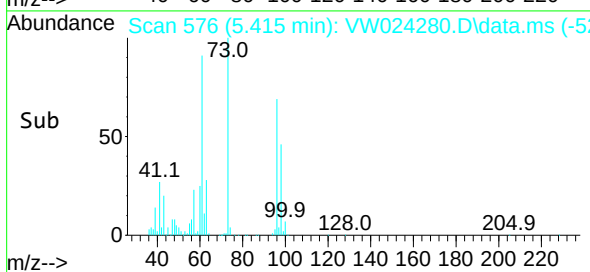
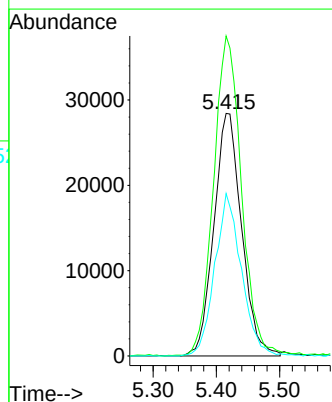
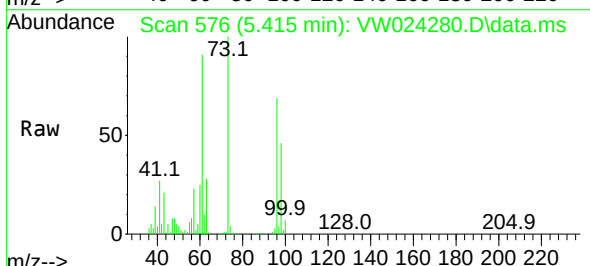
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

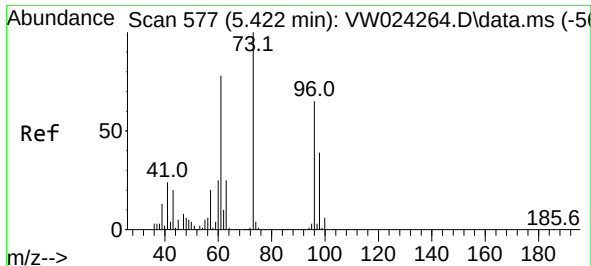
Tgt Ion: 84 Resp: 108718
Ion Ratio Lower Upper
84 100
86 62.7 42.8 79.6
49 124.8 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 26.783 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

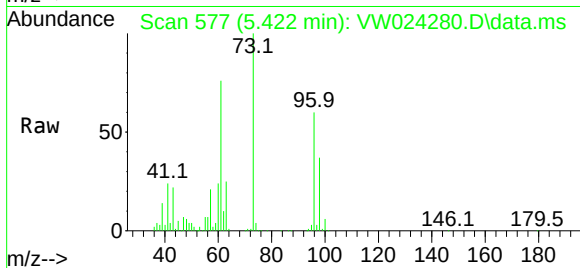
Tgt Ion: 96 Resp: 86464
Ion Ratio Lower Upper
96 100
61 131.9 93.0 172.8
98 67.0 48.5 90.1



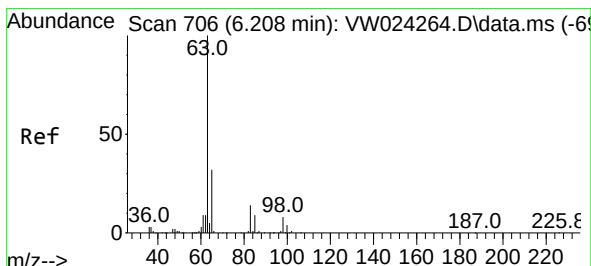
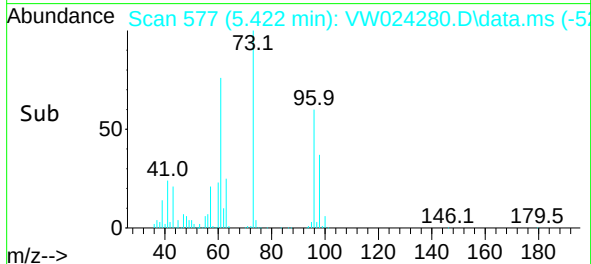
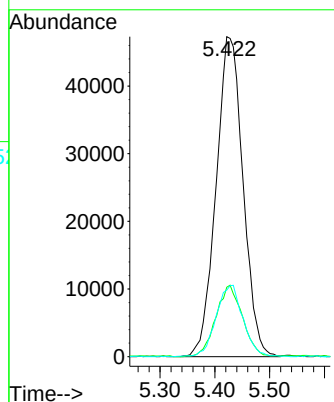


#18
Methyl tert-butyl Ether
Concen: 35.114 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

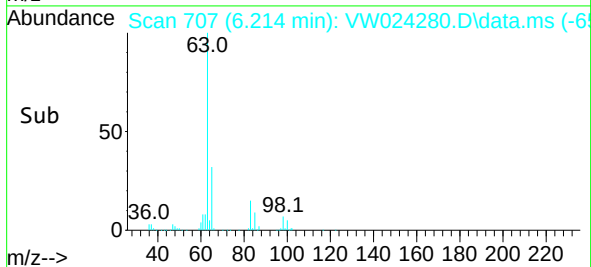
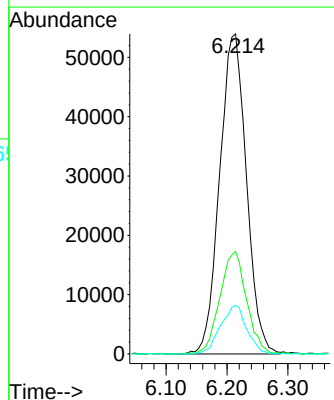
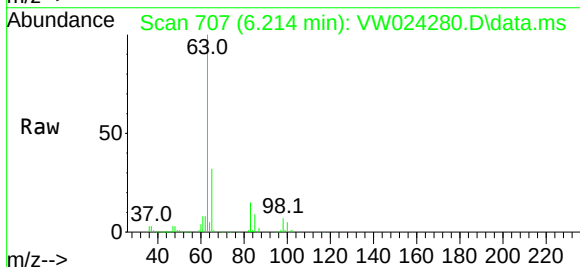


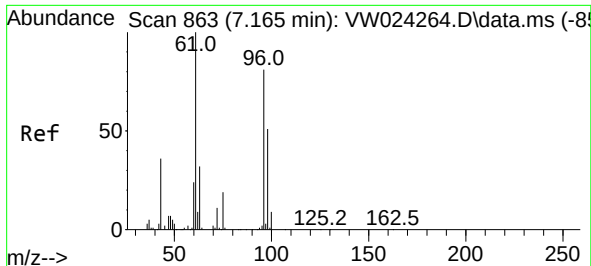
Tgt Ion:	73	Resp:	161642
Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	24.8
57	21.7	17.6	26.4



#19
1,1-Dichloroethane
Concen: 28.952 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion:	63	Resp:	164644
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	41.0
83	15.1	9.2	17.0

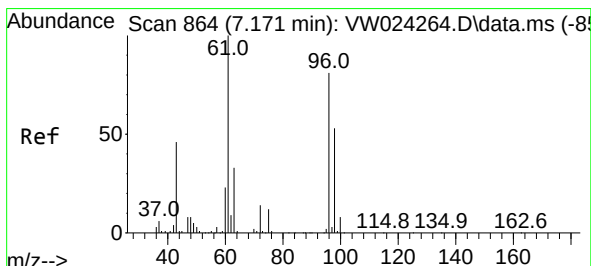
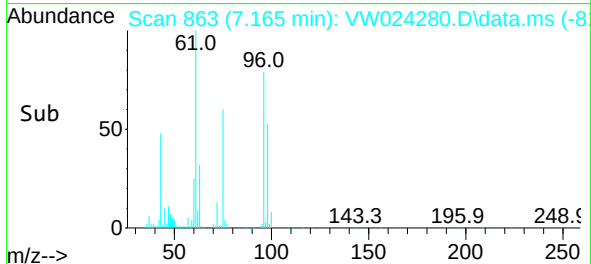
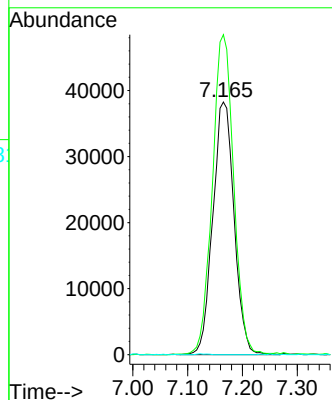
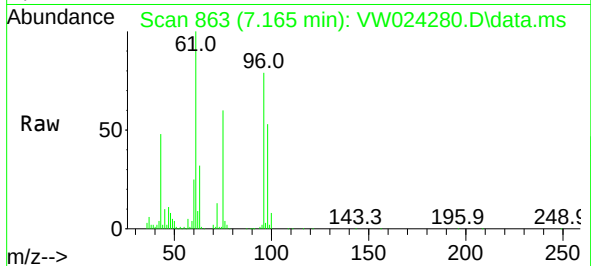




#20
 cis-1,2-Dichloroethene
 Concen: 29.069 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

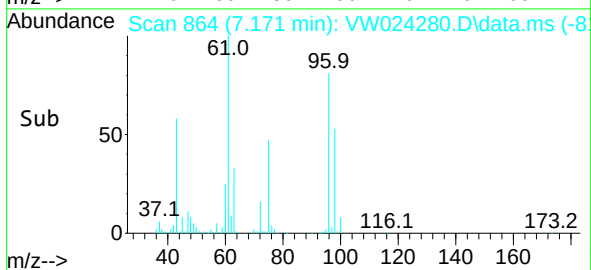
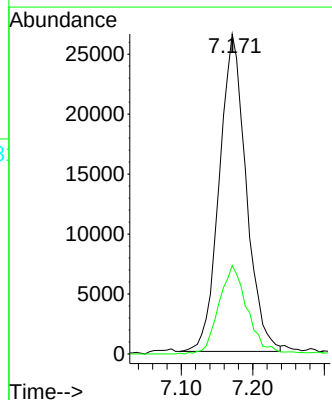
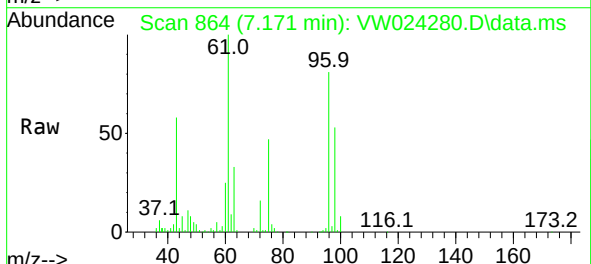
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

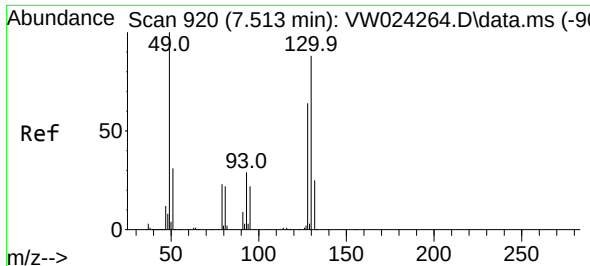
Tgt Ion: 96 Resp: 103063
 Ion Ratio Lower Upper
 96 100
 61 126.7 89.5 166.3
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 61.537 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

Tgt Ion: 43 Resp: 69035
 Ion Ratio Lower Upper
 43 100
 72 28.6 14.3 42.9

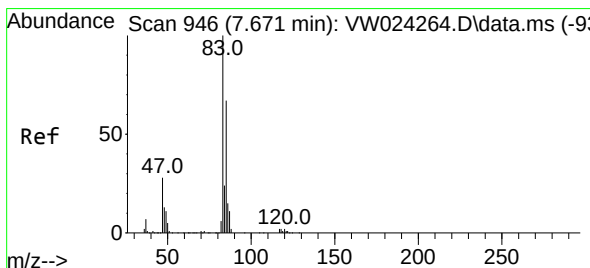
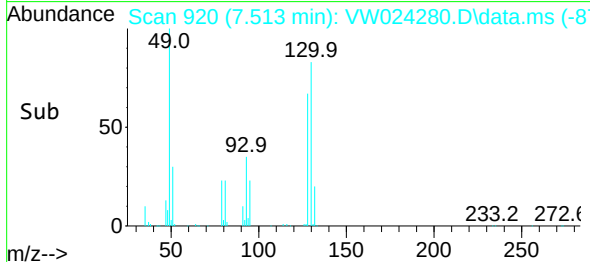
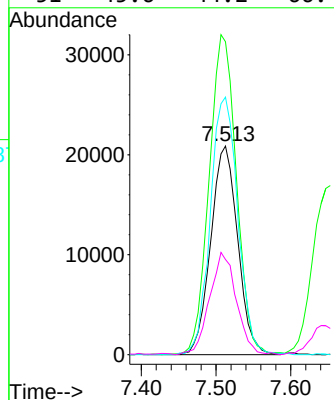
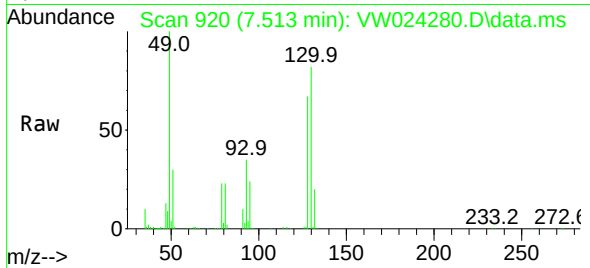




#23
Bromochloromethane
Concen: 29.728 ug/L
RT: 7.513 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

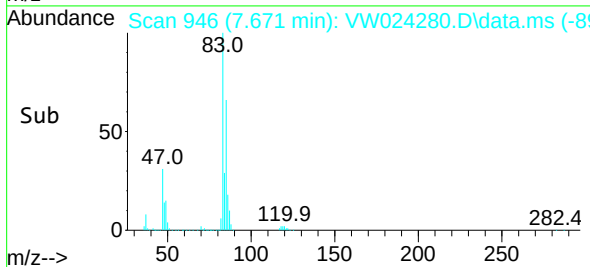
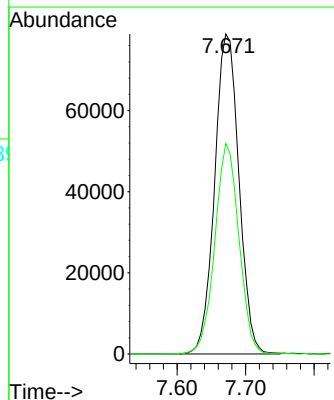
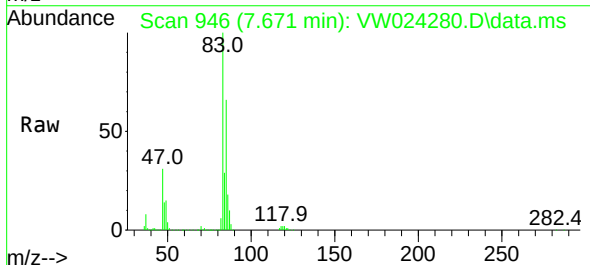
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

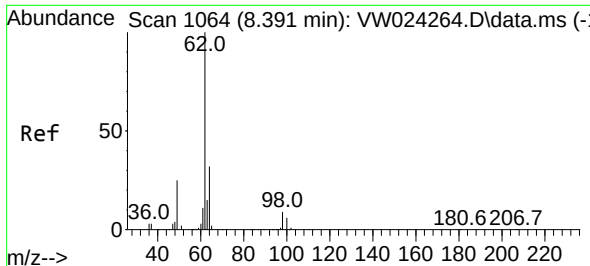
Tgt Ion:	128	Resp:	52489
Ion	Ratio	Lower	Upper
128	100		
49	150.0	106.6	198.0
130	123.4	88.1	163.5
51	45.6	44.2	66.4



#25
Chloroform
Concen: 30.977 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion:	83	Resp:	194115
Ion	Ratio	Lower	Upper
83	100		
85	65.8	42.9	79.7





#27

1,2-Dichloroethane

Concen: 31.727 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

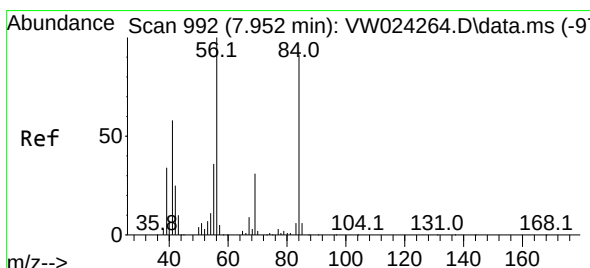
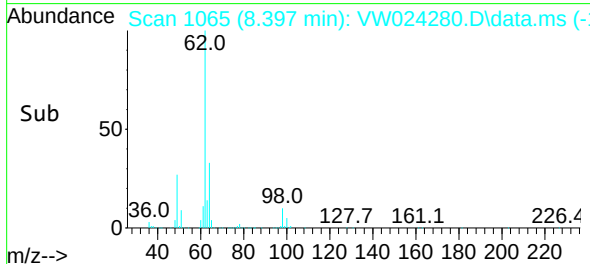
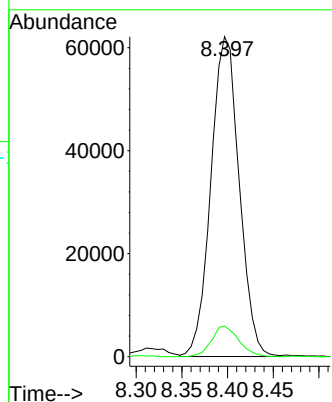
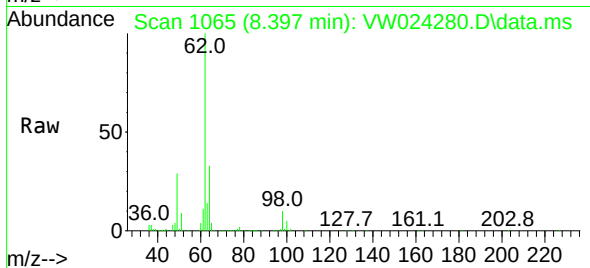
VSTD025541

Tgt Ion: 62 Resp: 133782

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0



#29

Cyclohexane

Concen: 24.465 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

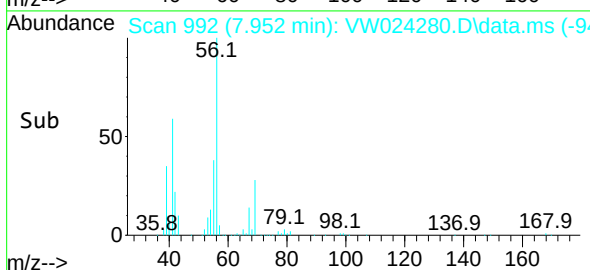
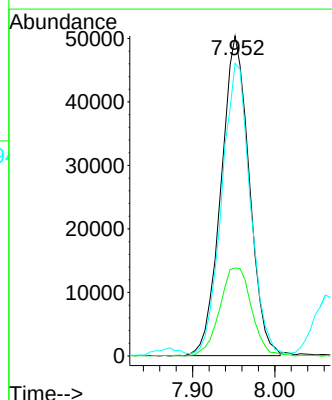
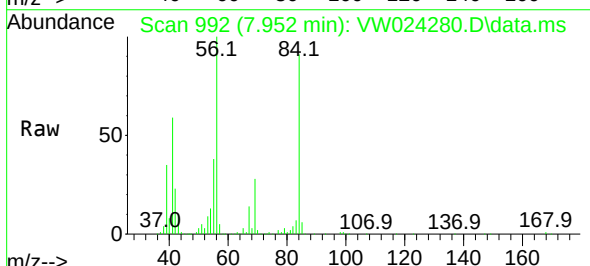
Tgt Ion: 56 Resp: 119997

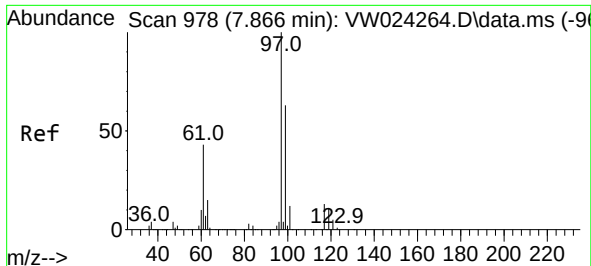
Ion Ratio Lower Upper

56 100

69 31.0 24.5 36.7

84 93.2 75.5 113.3





#30

1,1,1-Trichloroethane

Concen: 27.594 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

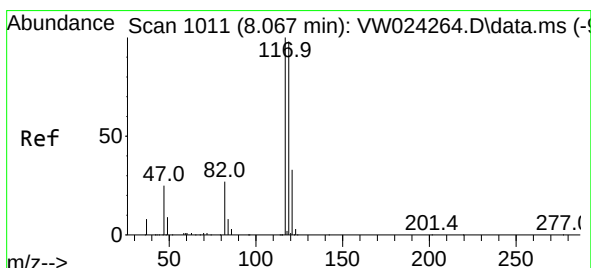
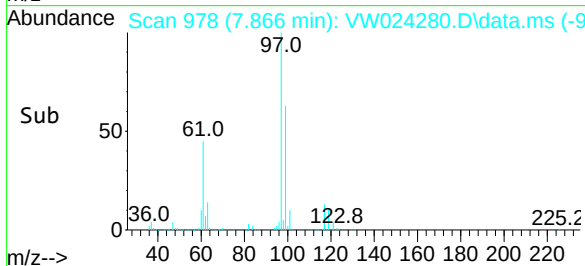
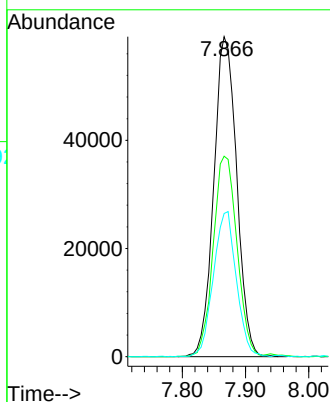
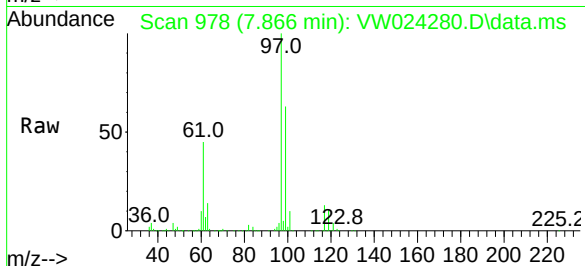
Tgt Ion: 97 Resp: 148874

Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.6

61 45.3 36.2 54.2



#31

Carbon tetrachloride

Concen: 26.097 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024280.D

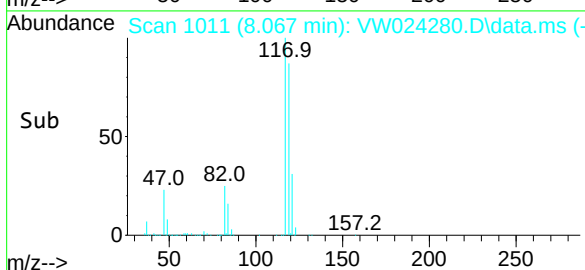
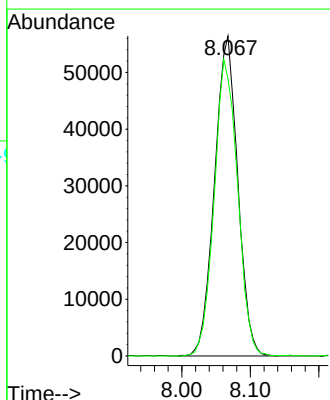
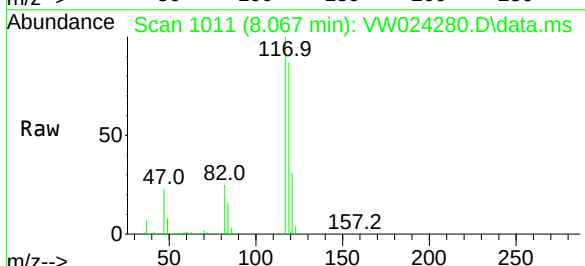
Acq: 18 Aug 2022 17:50

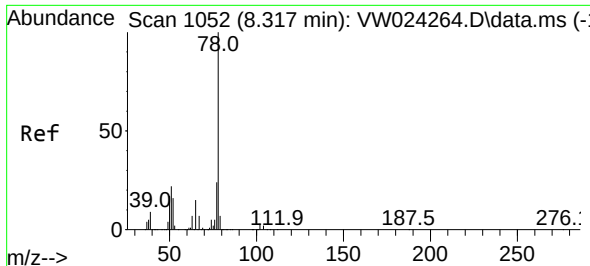
Tgt Ion: 117 Resp: 132833

Ion Ratio Lower Upper

117 100

119 93.4 77.8 116.8

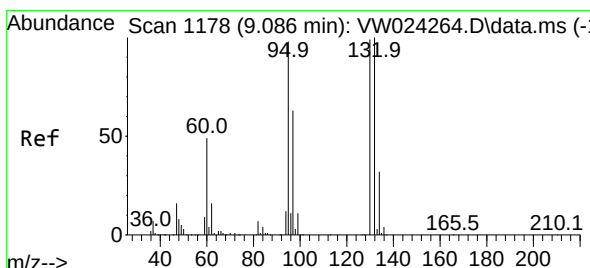
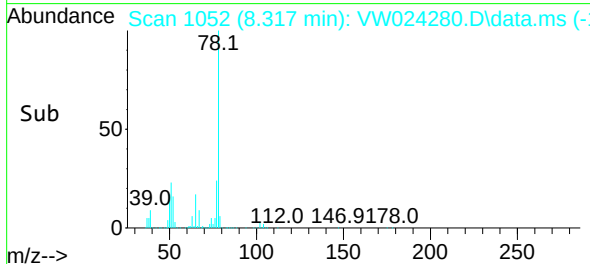
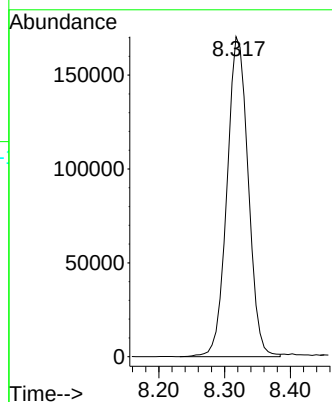
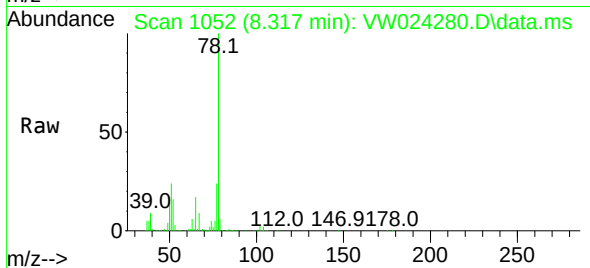




#33
Benzene
Concen: 27.069 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

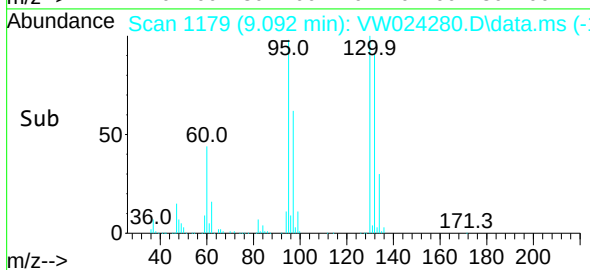
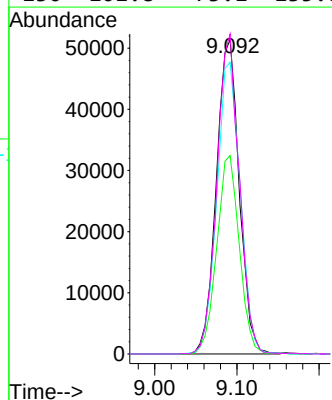
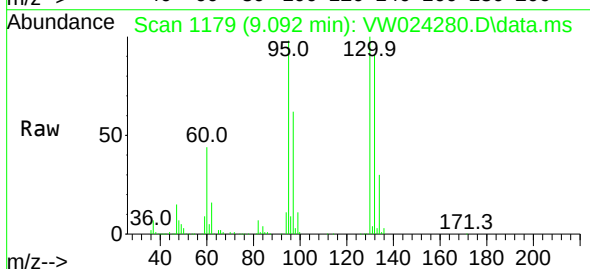
Tgt Ion: 78 Resp: 382488

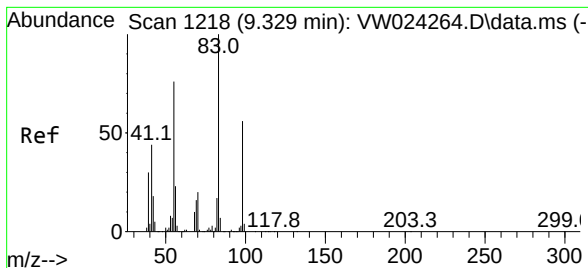


#34
Trichloroethene
Concen: 26.623 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 95 Resp: 99432

Ion	Ratio	Lower	Upper
95	100		
97	63.1	41.6	77.2
132	92.8	67.0	124.4
130	101.8	73.1	135.8

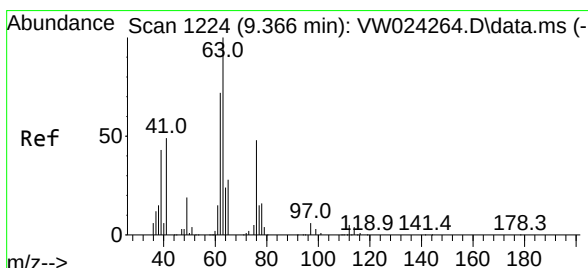
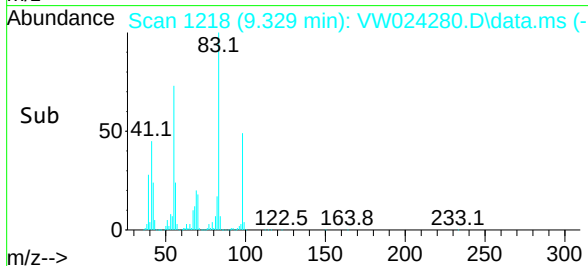
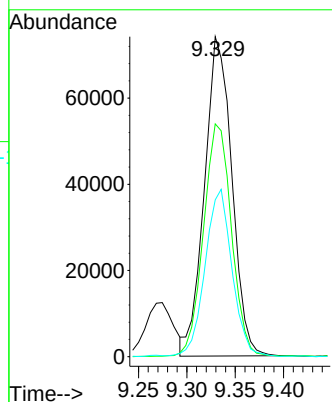
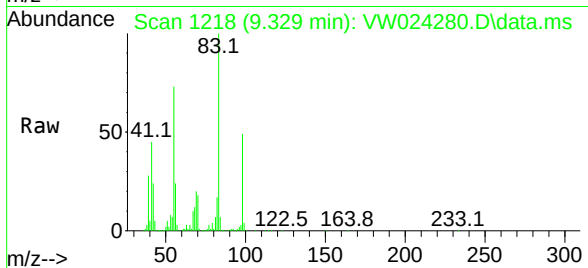




#35
Methylcyclohexane
Concen: 24.924 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

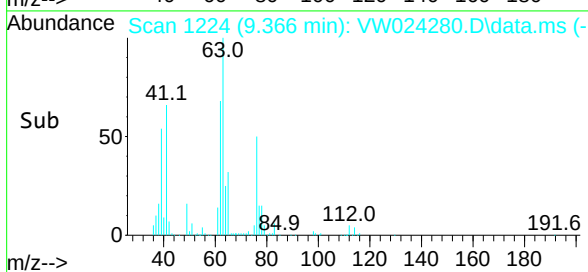
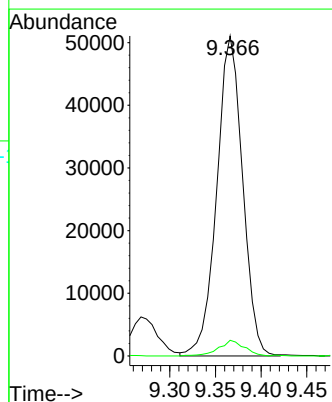
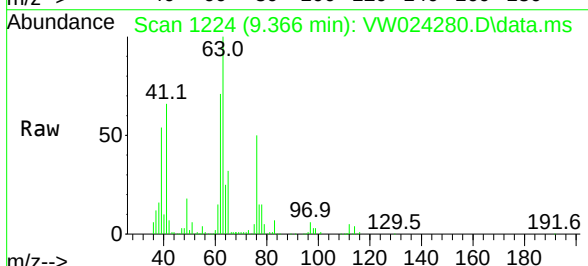
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

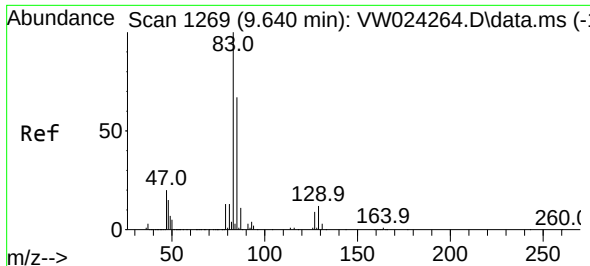
Tgt Ion: 83 Resp: 145971
Ion Ratio Lower Upper
83 100
55 74.8 59.1 88.7
98 51.7 40.8 61.2



#37
1,2-Dichloropropane
Concen: 28.779 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 63 Resp: 100522
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6

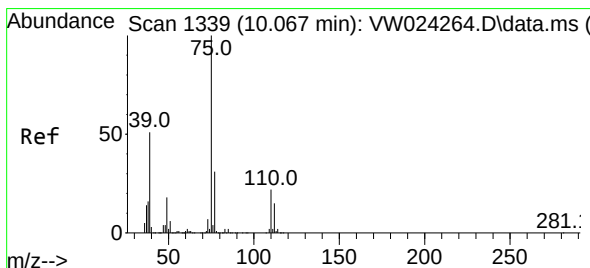
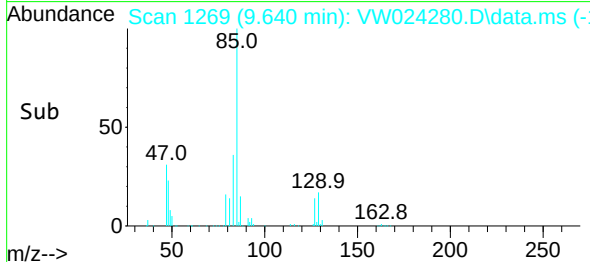
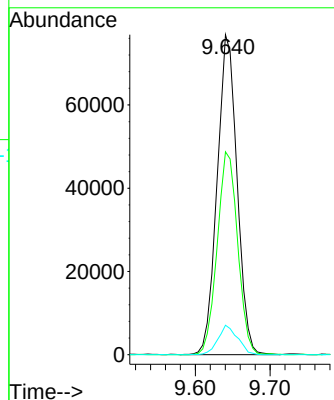
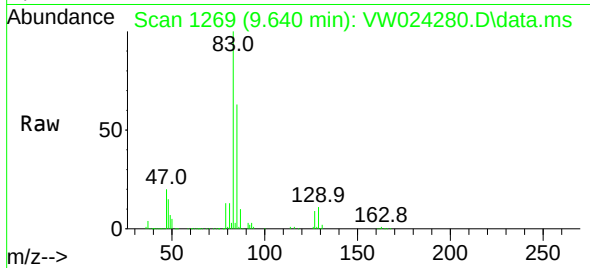




#38
Bromodichloromethane
Concen: 29.148 ug/L
RT: 9.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

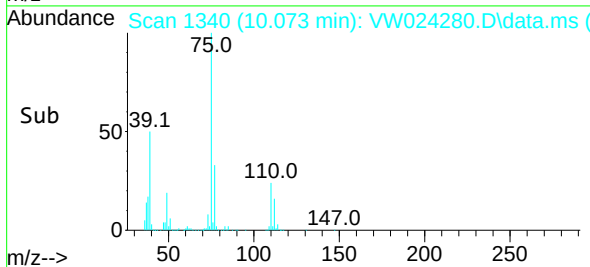
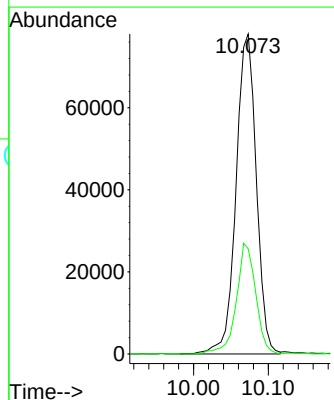
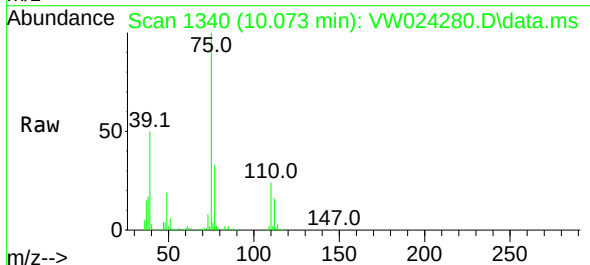
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

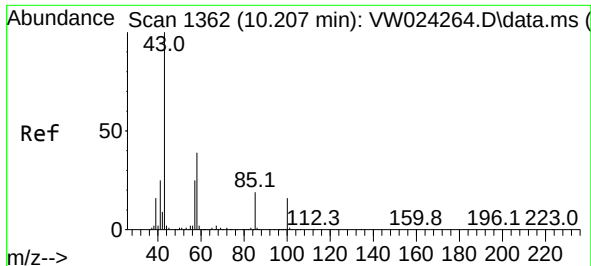
Tgt Ion: 83 Resp: 142796
Ion Ratio Lower Upper
83 100
85 63.4 43.7 81.1
127 9.2 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 28.551 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 75 Resp: 146717
Ion Ratio Lower Upper
75 100
77 32.8 23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 66.000 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

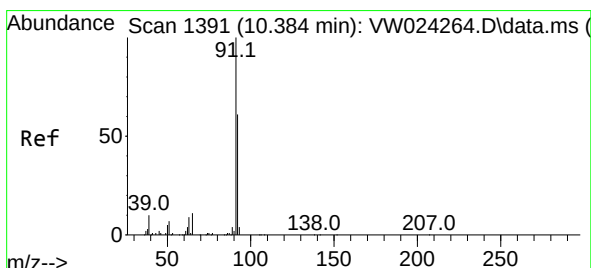
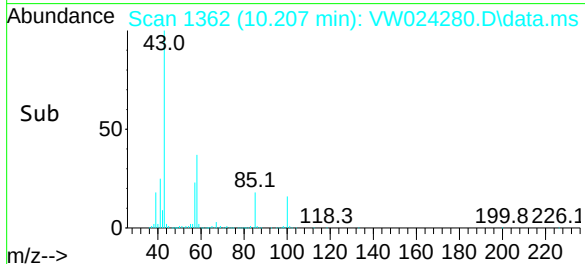
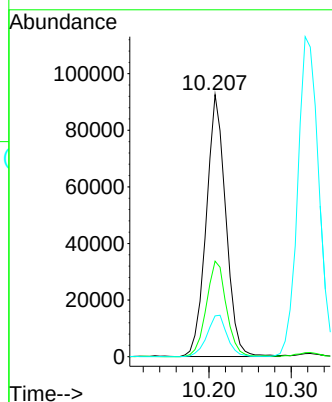
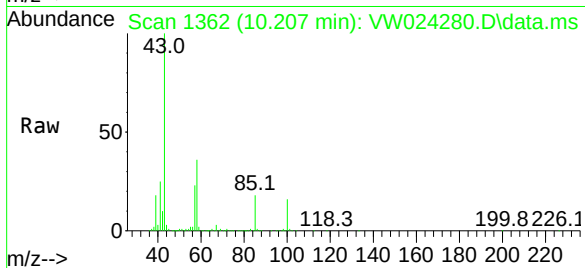
Tgt Ion: 43 Resp: 152999

Ion Ratio Lower Upper

43 100

58 37.3 30.5 45.7

100 16.4 13.8 20.6



#42

Toluene

Concen: 28.401 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024280.D

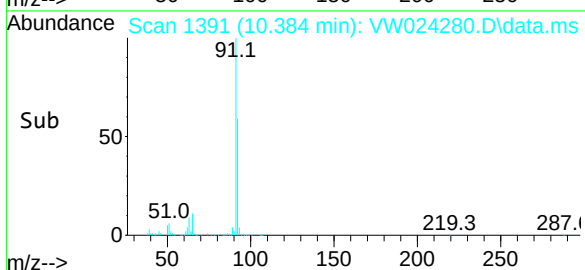
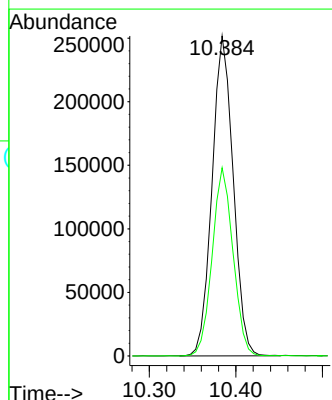
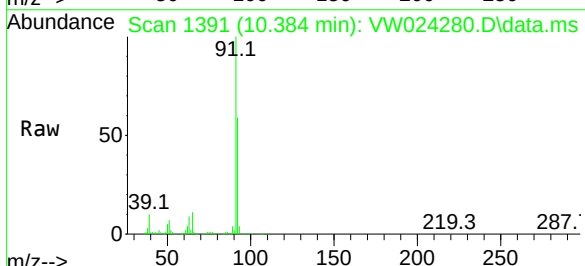
Acq: 18 Aug 2022 17:50

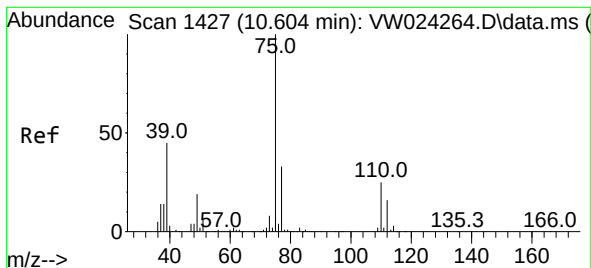
Tgt Ion: 91 Resp: 426453

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0

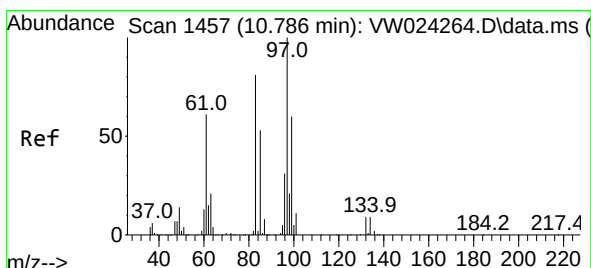
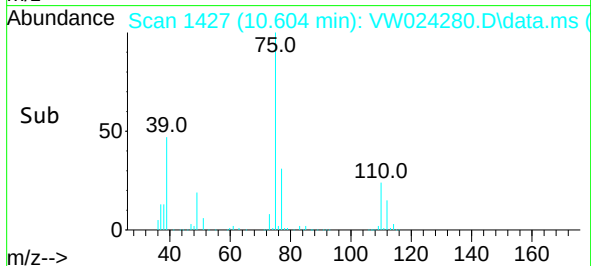
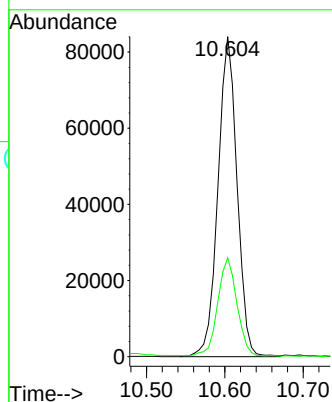
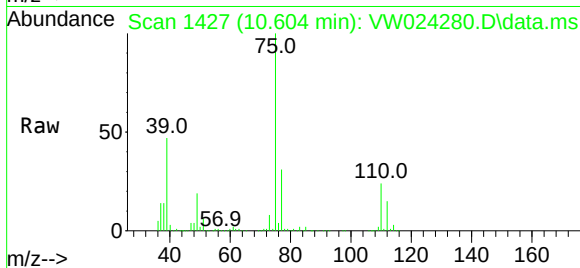




#44
trans-1,3-Dichloropropene
Concen: 30.367 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

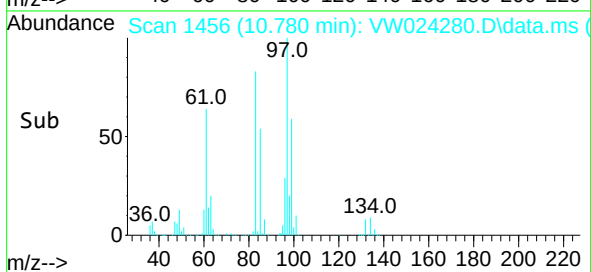
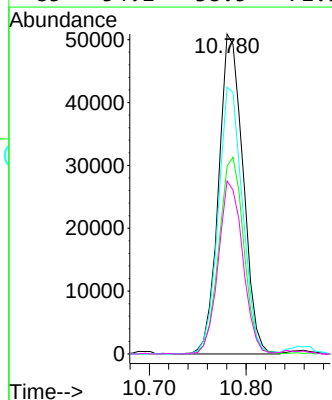
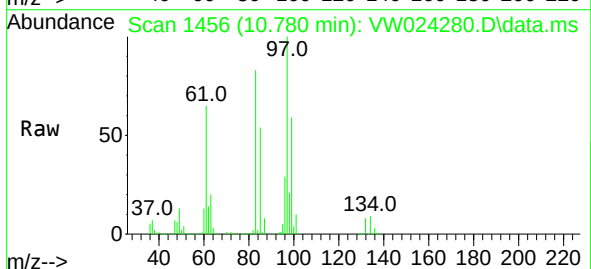
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

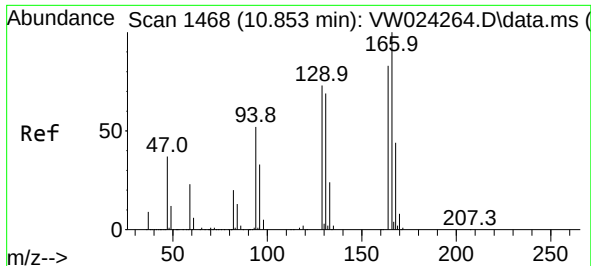
Tgt Ion: 75 Resp: 142587
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 30.354 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

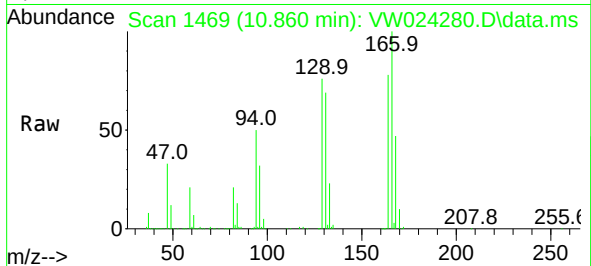
Tgt Ion: 97 Resp: 89362
Ion Ratio Lower Upper
97 100
99 58.7 43.8 81.3
83 83.4 56.4 104.7
85 54.1 38.5 71.5



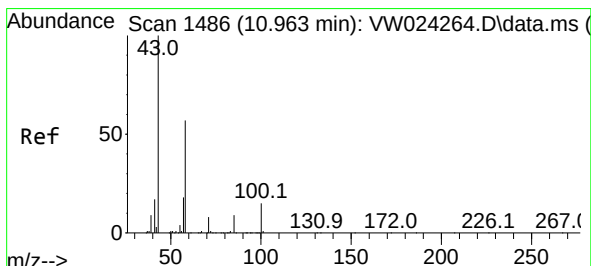
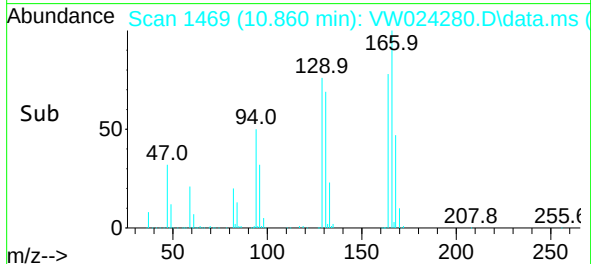
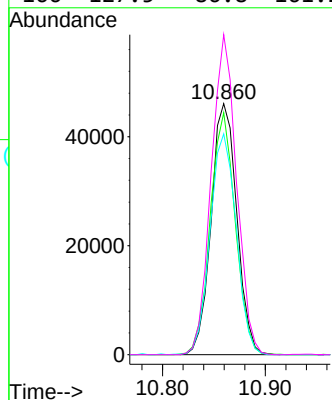


#46
Tetrachloroethene
Concen: 26.351 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

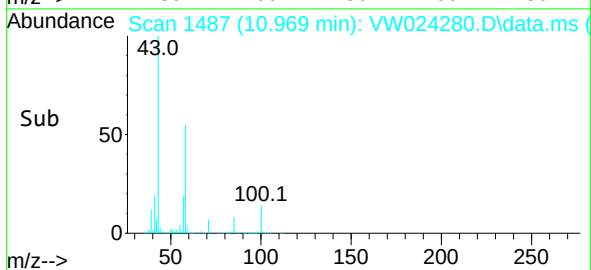
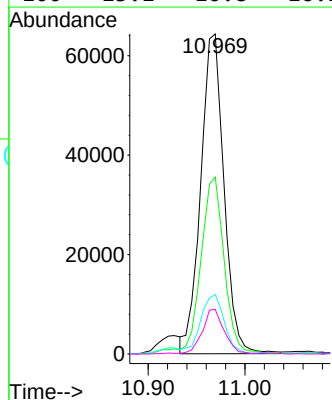
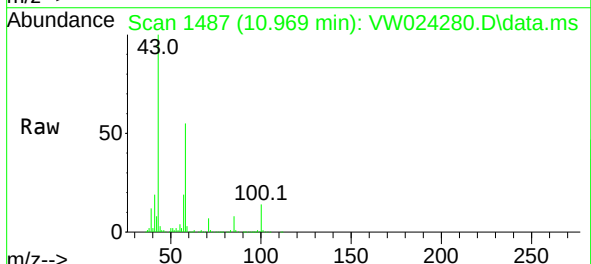


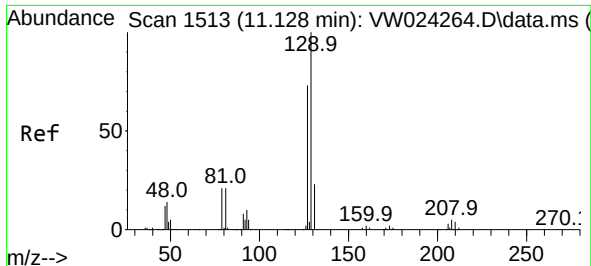
Tgt Ion:164 Resp: 79676
Ion Ratio Lower Upper
164 100
129 96.4 63.1 117.3
131 88.0 63.9 118.7
166 127.5 86.8 161.2



#48
2-Hexanone
Concen: 68.543 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 43 Resp: 107833
Ion Ratio Lower Upper
43 100
58 53.4 43.4 65.0
57 19.0 15.0 22.4
100 13.1 10.8 16.2

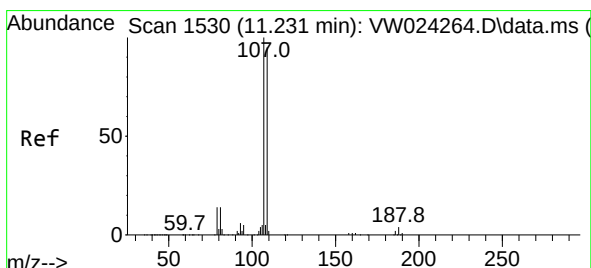
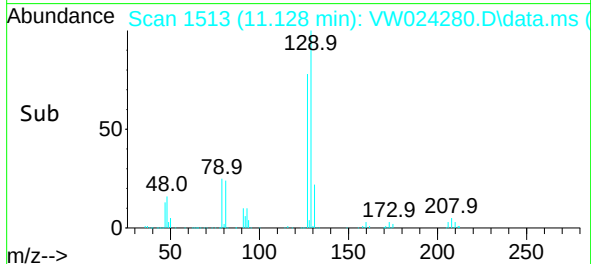
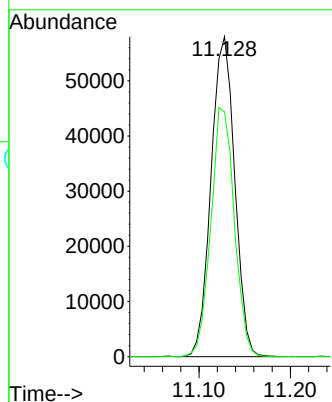
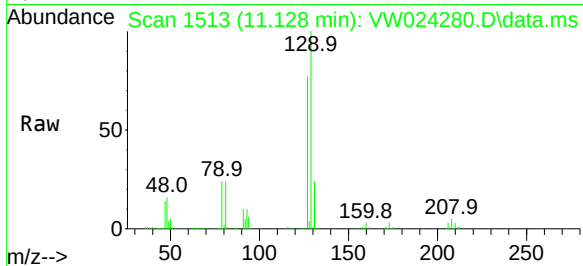




#49
Dibromochloromethane
Concen: 29.413 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

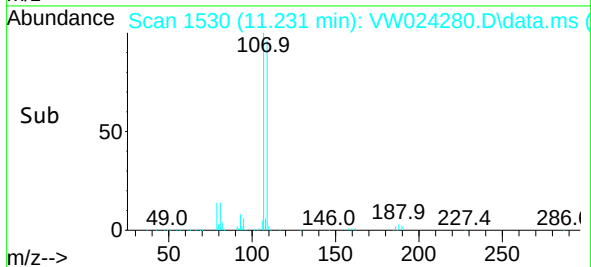
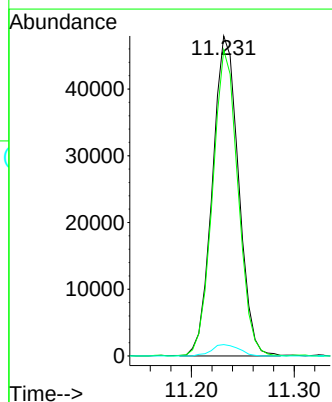
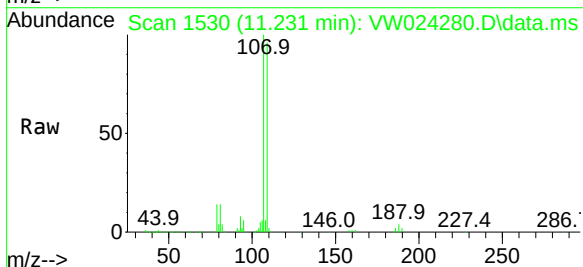
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

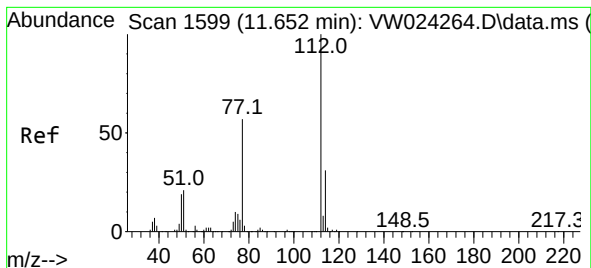
Tgt Ion:129 Resp: 104247
Ion Ratio Lower Upper
129 100
127 76.5 52.3 97.1



#50
1,2-Dibromoethane
Concen: 29.975 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion:107 Resp: 84549
Ion Ratio Lower Upper
107 100
109 95.6 64.0 119.0
188 3.5 3.1 4.7

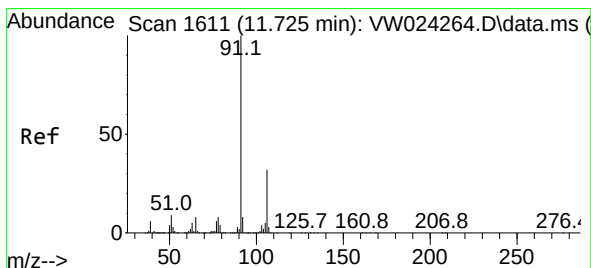
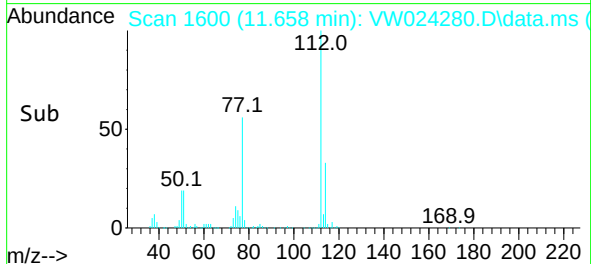
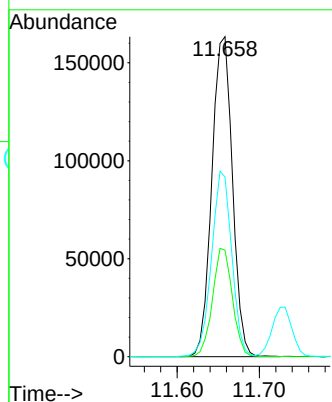
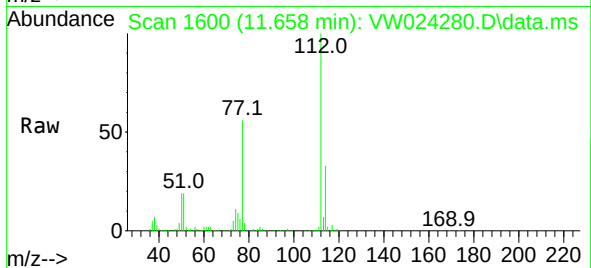




#51
Chlorobenzene
Concen: 27.723 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

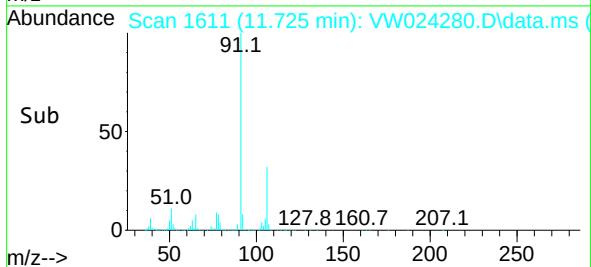
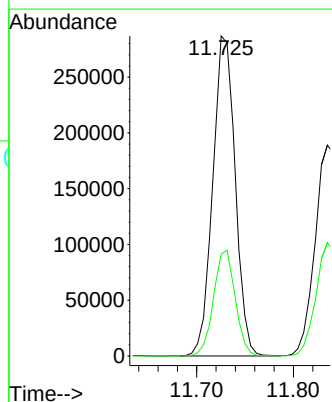
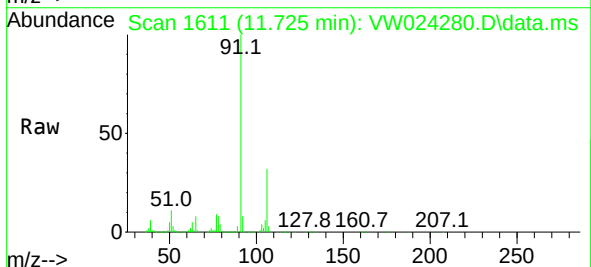
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

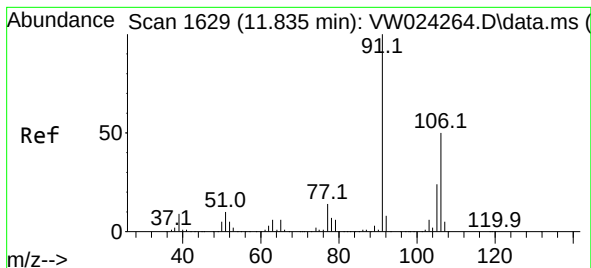
Tgt Ion:112 Resp: 284407
Ion Ratio Lower Upper
112 100
114 33.3 20.7 38.5
77 56.1 41.4 62.2



#52
Ethylbenzene
Concen: 28.139 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 91 Resp: 462919
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7





#53

m,p-Xylene

Concen: 28.612 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

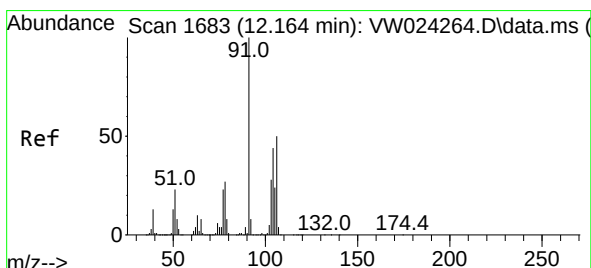
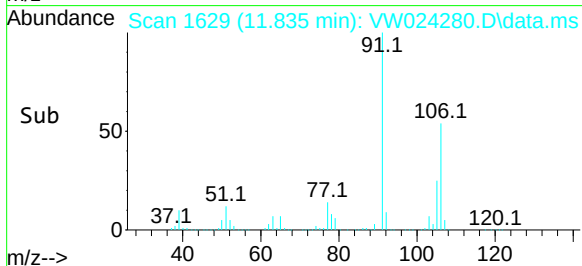
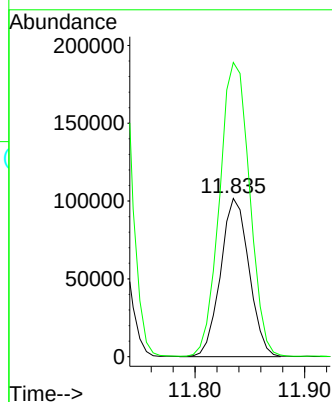
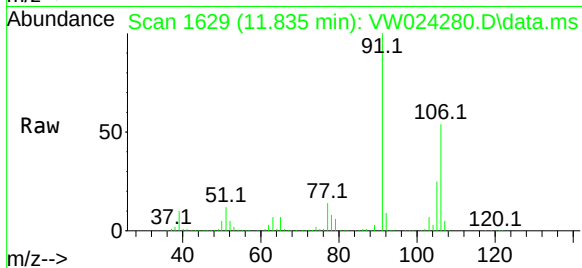
VSTD025541

Tgt Ion:106 Resp: 183222

Ion Ratio Lower Upper

106 100

91 186.0 144.1 267.7



#54

o-Xylene

Concen: 29.267 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW024280.D

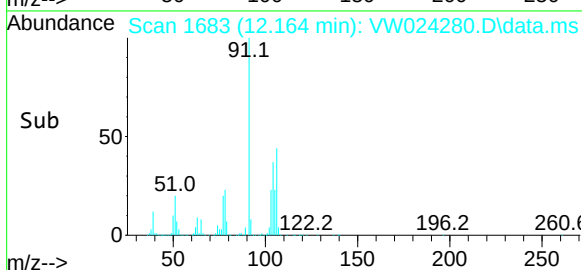
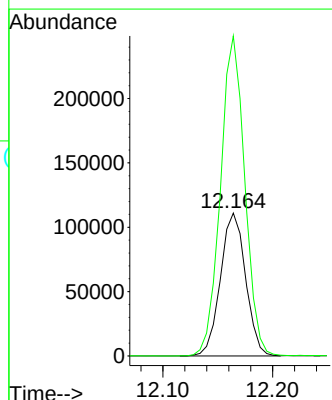
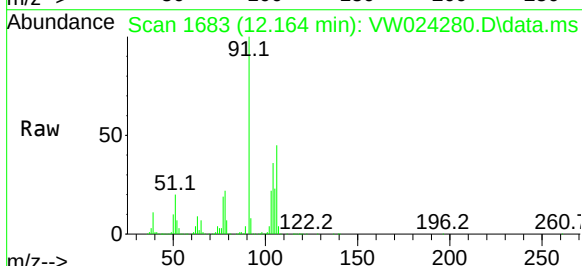
Acq: 18 Aug 2022 17:50

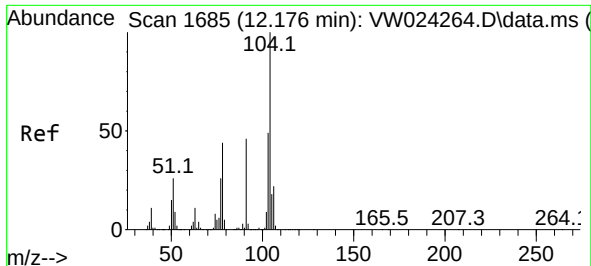
Tgt Ion:106 Resp: 177056

Ion Ratio Lower Upper

106 100

91 223.9 150.9 280.3

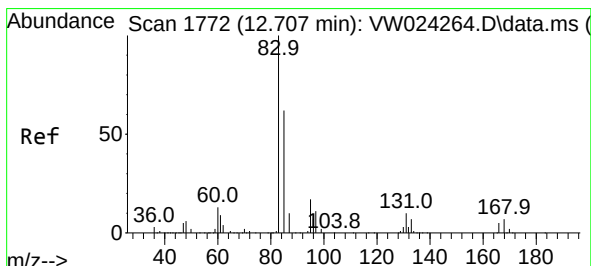
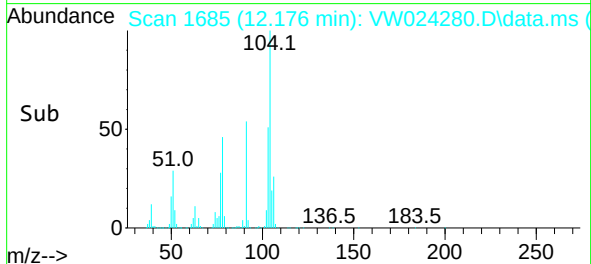
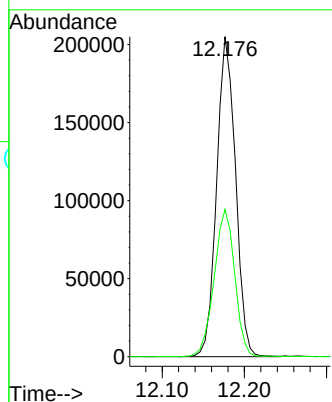
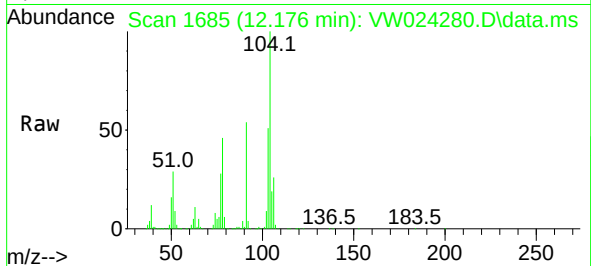




#55
Styrene
Concen: 31.073 ug/L
RT: 12.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

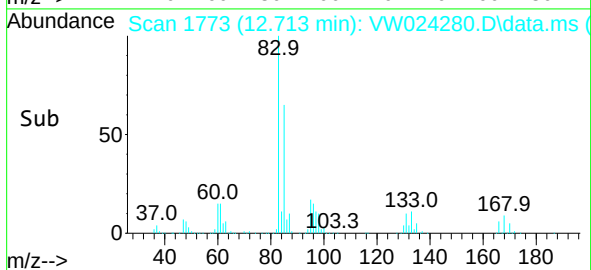
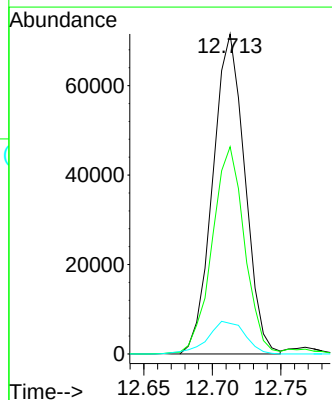
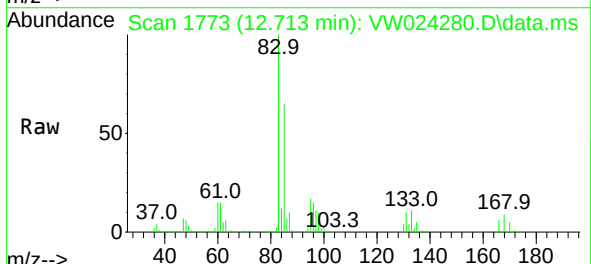
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

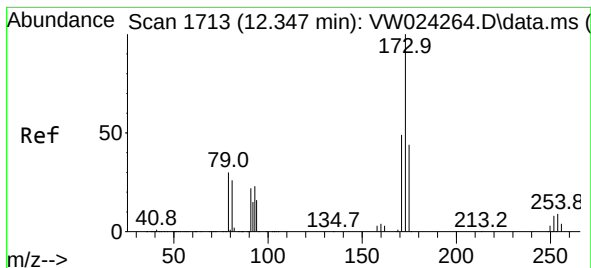
Tgt Ion:104 Resp: 326950
Ion Ratio Lower Upper
104 100
78 46.0 31.1 57.7



#57
1,1,2,2-Tetrachloroethane
Concen: 31.610 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion: 83 Resp: 116303
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9
131 9.5 8.3 12.5





#59

Bromoform

Concen: 29.299 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

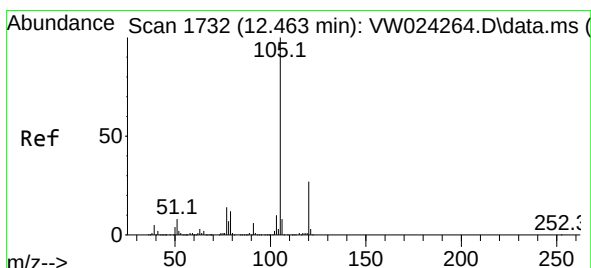
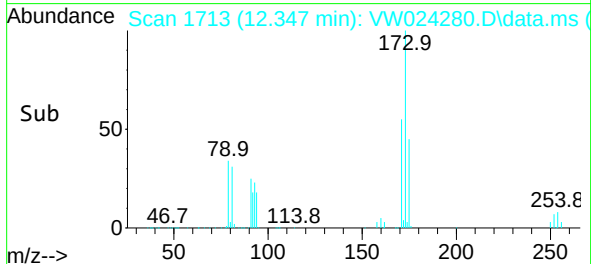
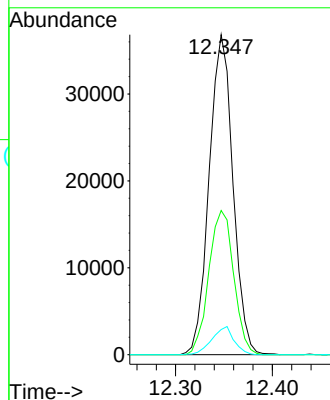
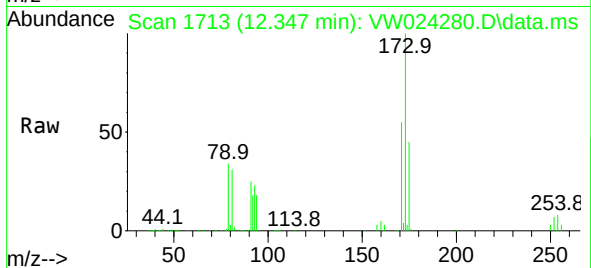
Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

Tgt Ion:173	Resp:	62938
Ion Ratio	Lower	Upper
173	100	
175	47.2	39.0 58.6
254	8.2	6.8 10.2



#60

Isopropylbenzene

Concen: 28.253 ug/L

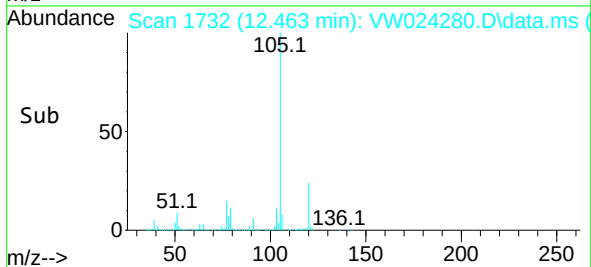
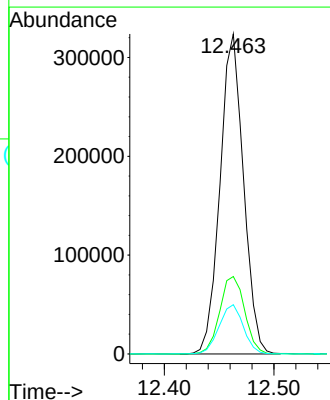
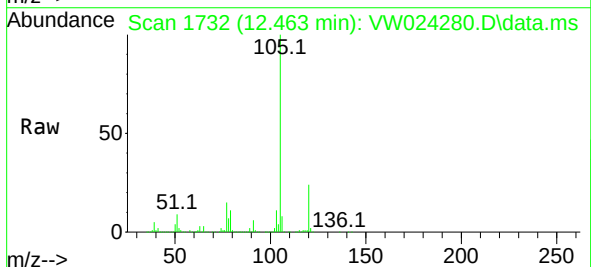
RT: 12.463 min Scan# 1732

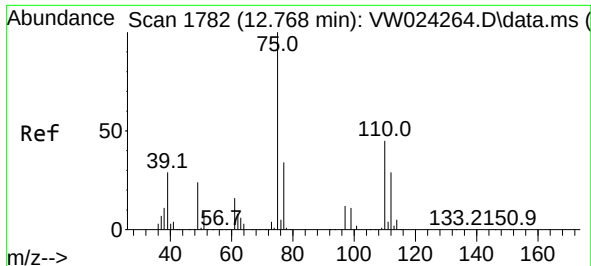
Delta R.T. 0.000 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Tgt Ion:105	Resp:	481681
Ion Ratio	Lower	Upper
105	100	
120	25.8	21.4 32.2
77	16.0	12.4 18.6

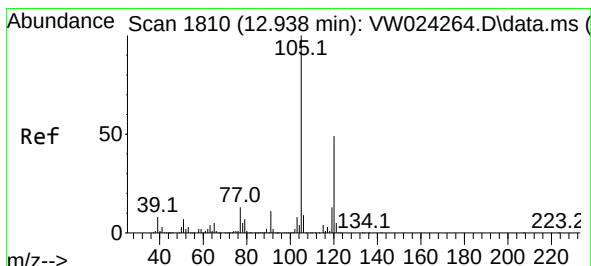
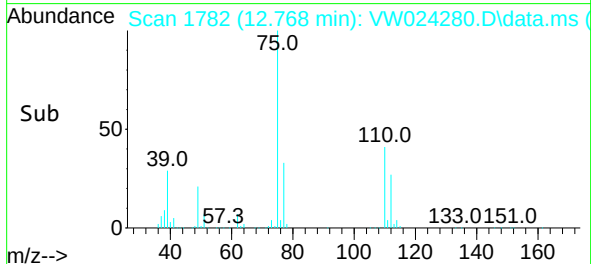
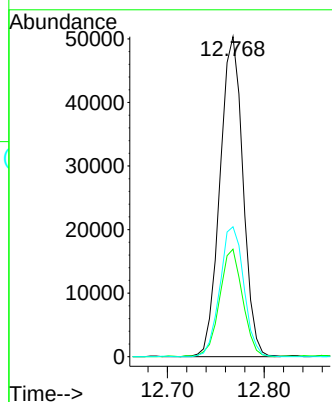
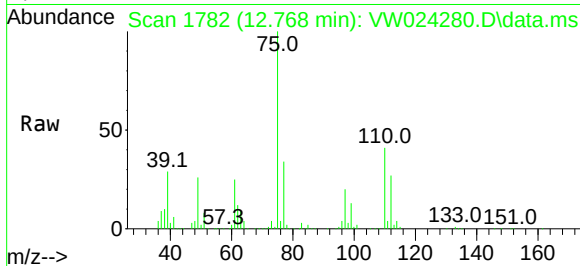




#61
1,2,3-Trichloropropane
Concen: 29.689 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

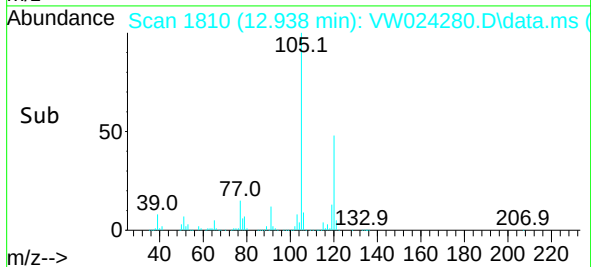
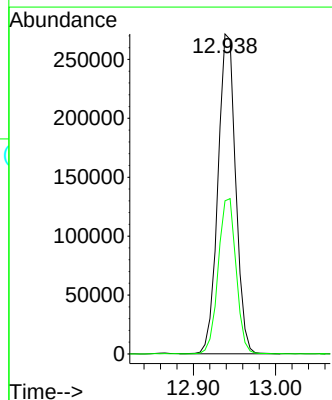
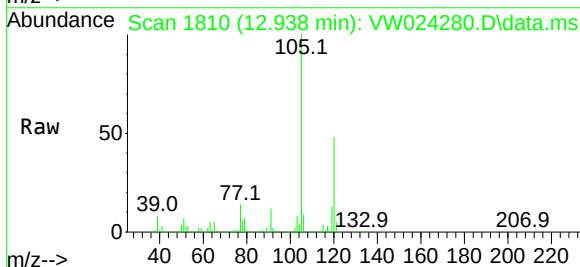
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

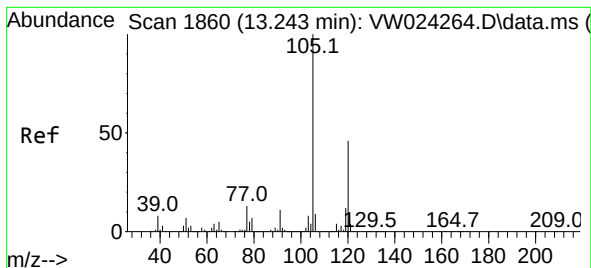
Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.2	39.4
110	42.2	33.6	50.4



#62
1,3,5-Trimethylbenzene
Concen: 28.845 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.7	59.5





#63

1,2,4-Trimethylbenzene

Concen: 29.484 ug/L

RT: 13.249 min Scan# 1860

Delta R.T. 0.006 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

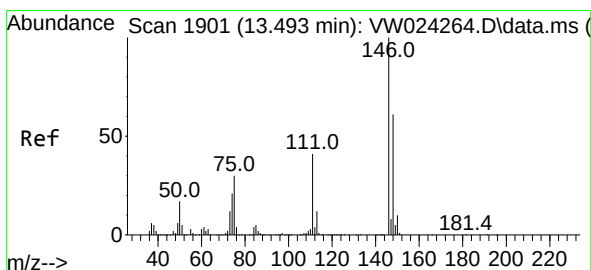
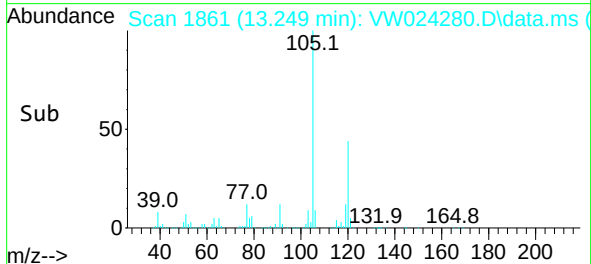
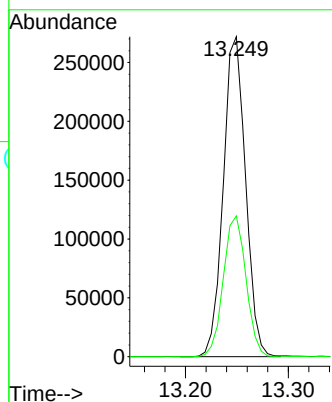
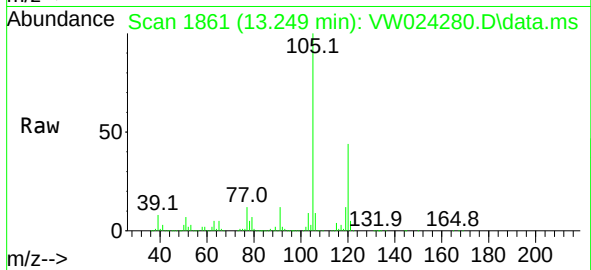
VSTD025541

Tgt Ion:105 Resp: 409102

Ion Ratio Lower Upper

105 100

120 44.6 36.4 54.6



#64

1,3-Dichlorobenzene

Concen: 27.497 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW024280.D

Acq: 18 Aug 2022 17:50

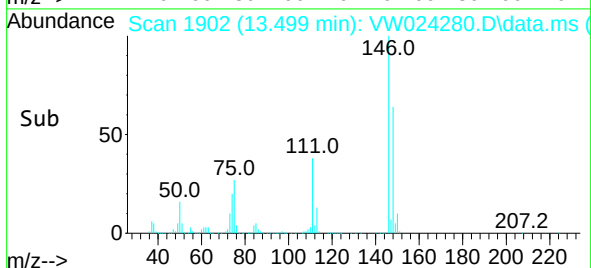
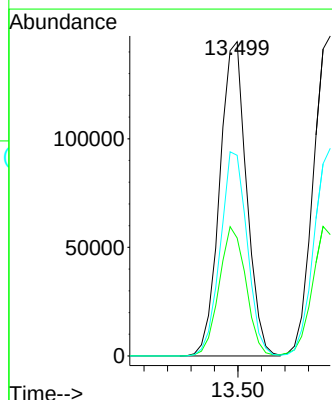
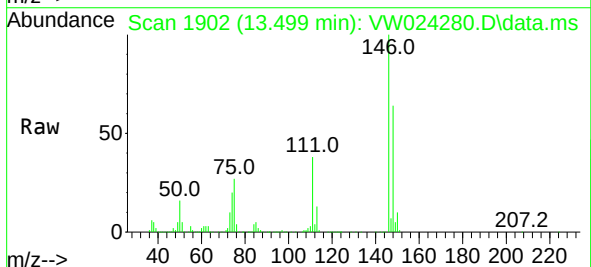
Tgt Ion:146 Resp: 229555

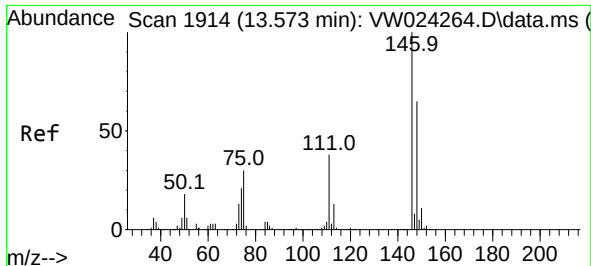
Ion Ratio Lower Upper

146 100

111 37.5 28.0 52.0

148 63.8 46.5 86.3

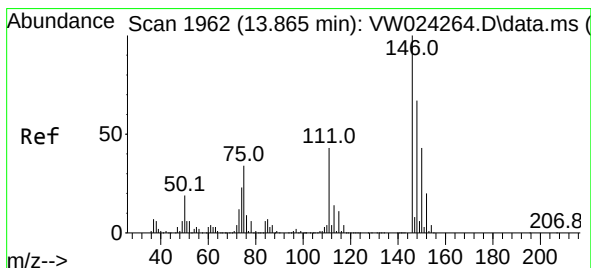
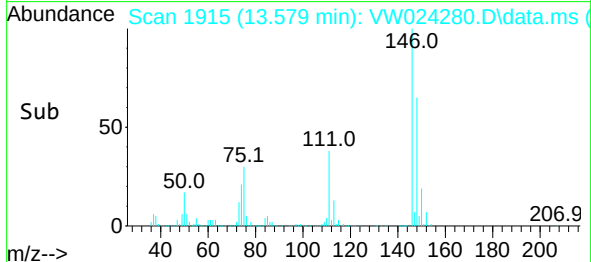
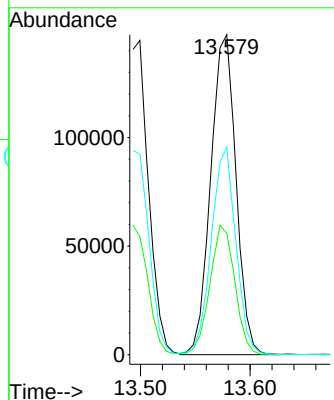
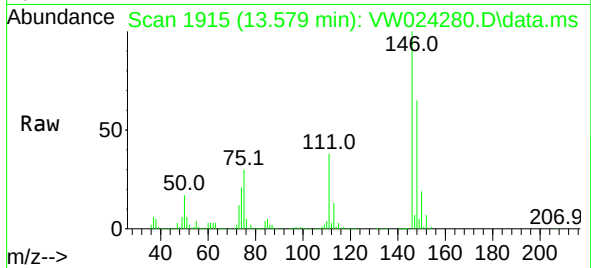




#65
1,4-Dichlorobenzene
Concen: 26.739 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

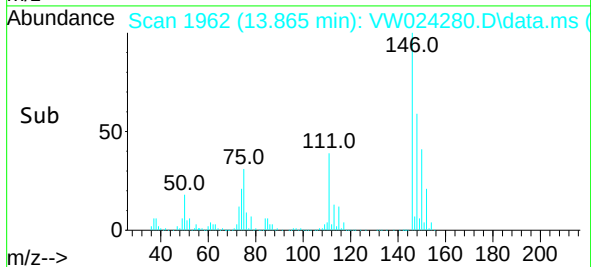
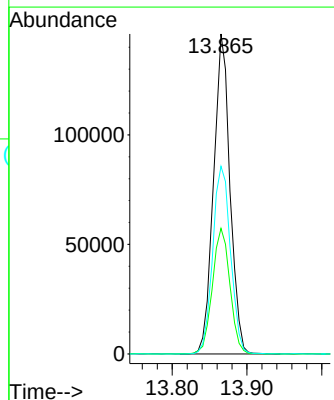
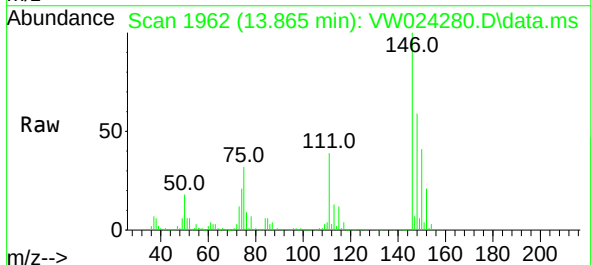
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

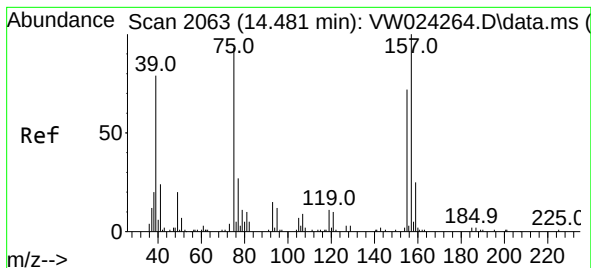
Tgt Ion:146 Resp: 236379
Ion Ratio Lower Upper
146 100
111 37.9 27.6 51.4
148 64.9 40.5 75.3



#67
1,2-Dichlorobenzene
Concen: 28.261 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion:146 Resp: 224049
Ion Ratio Lower Upper
146 100
111 39.2 29.0 43.6
148 58.7 47.8 71.8

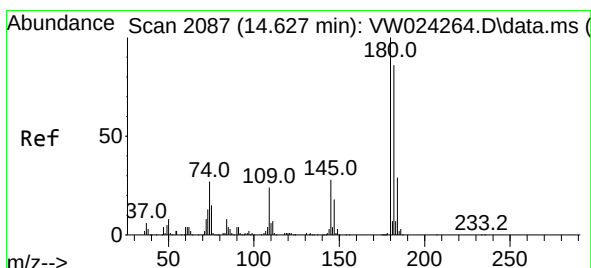
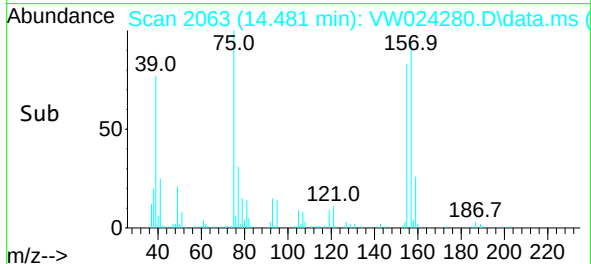
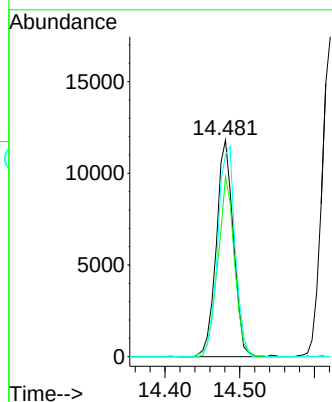
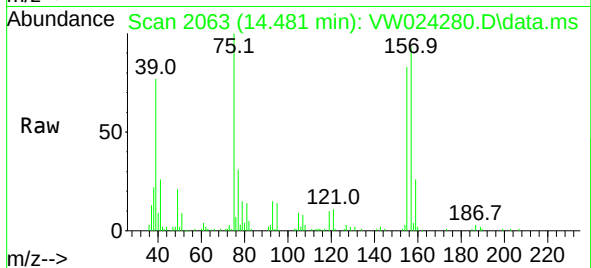




#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.688 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

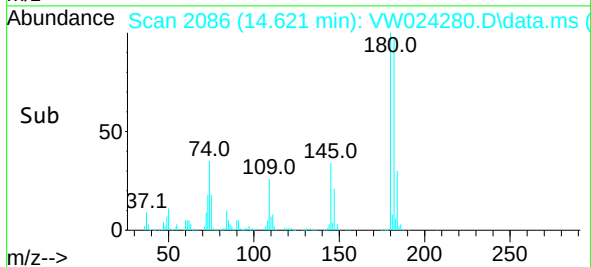
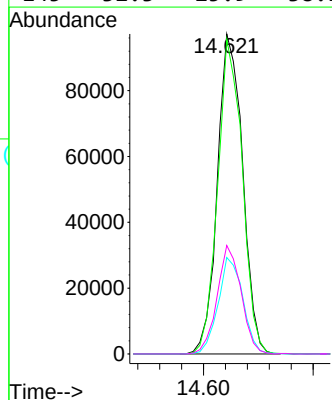
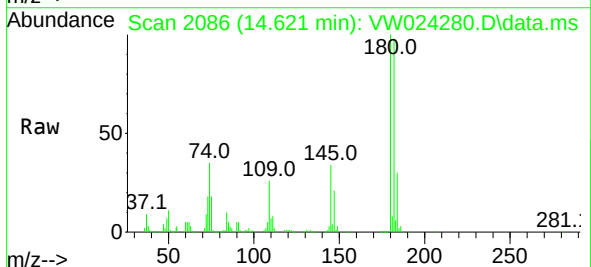
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

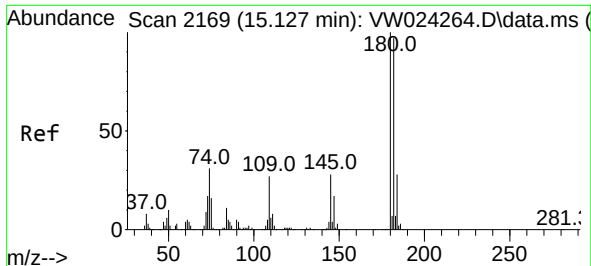
Tgt Ion: 75 Resp: 18786
 Ion Ratio Lower Upper
 75 100
 155 83.2 68.8 103.2
 157 93.2 91.5 137.3



#69
 1,3,5-Trichlorobenzene
 Concen: 28.374 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW024280.D
 Acq: 18 Aug 2022 17:50

Tgt Ion:180 Resp: 155328
 Ion Ratio Lower Upper
 180 100
 182 95.9 78.4 117.6
 184 29.6 24.7 37.1
 145 32.3 25.9 38.9

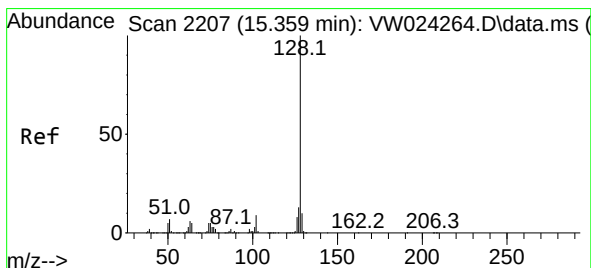
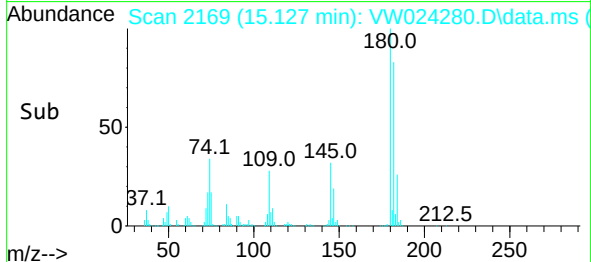
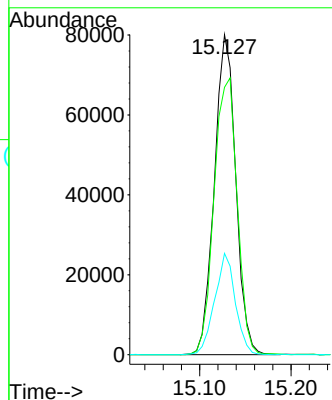
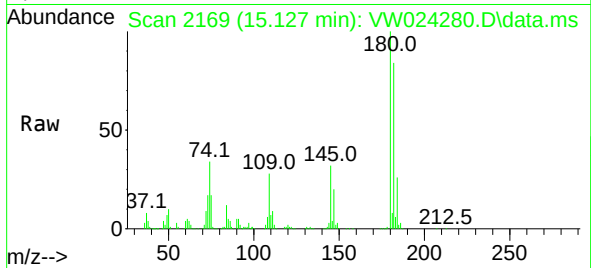




#70
1,2,4-trichlorobenzene
Concen: 29.719 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

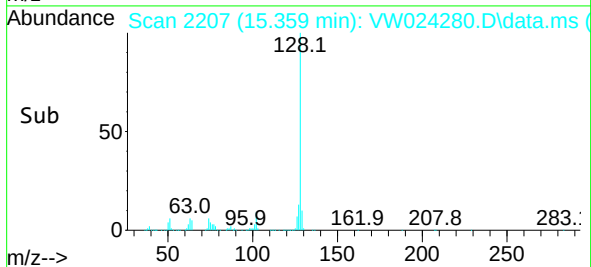
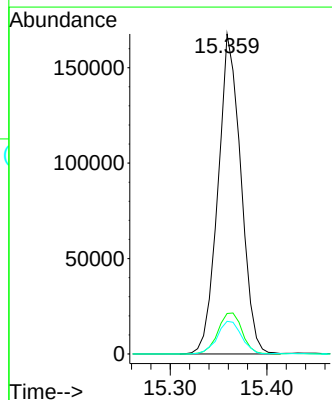
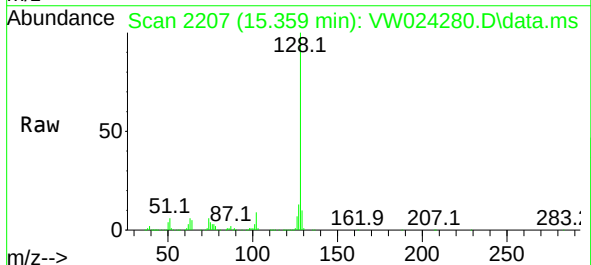
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

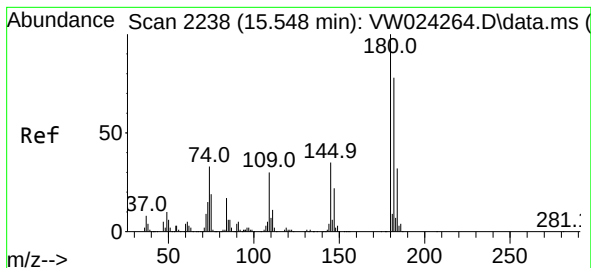
Tgt Ion:180 Resp: 130288
Ion Ratio Lower Upper
180 100
182 93.5 75.0 112.4
145 30.6 25.1 37.7



#71
Naphthalene
Concen: 32.148 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024280.D
Acq: 18 Aug 2022 17:50

Tgt Ion:128 Resp: 274520
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.9 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 29.951 ug/L

RT: 15.554 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024280.D

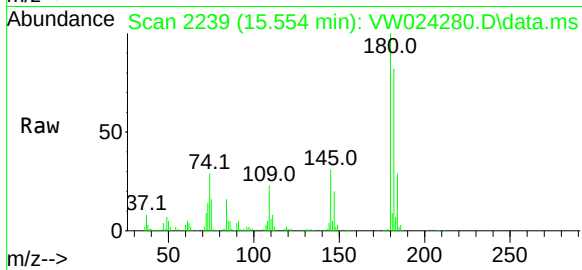
Acq: 18 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541



Tgt Ion:180 Resp: 119545

Ion Ratio Lower Upper

180 100

182 91.0 75.4 113.2

145 34.2 26.9 40.3

