

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025298.D
 Acq On : 06 Feb 2023 16:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Quant Time: Feb 07 00:21:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 00:17:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	85995	23.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.960%
7) Chloroethane-d5	2.897	69	75410	23.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	4.025	63	229775	22.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.480%
21) 2-Butanone-d5	7.080	46	50442	53.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.260%
24) Chloroform-d	7.653	84	244632	24.930	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.305	65	128503	26.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.520%
32) Benzene-d6	8.275	84	473517	23.390	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	9.274	67	135651	22.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.600%
41) Toluene-d8	10.323	98	431823	23.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.573	79	60367	27.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.920	63	40530	61.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109658	27.223	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	141310	25.022	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.026	85	119838	23.655	ug/L	# 80
3) Chloromethane	2.227	50	121093	24.902	ug/L	95
5) Vinyl chloride	2.379	62	131777	26.608	ug/L	95
6) Bromomethane	2.794	94	87586	25.829	ug/L	93
8) Chloroethane	2.934	64	78456	25.376	ug/L	100
9) Trichlorofluoromethane	3.269	101	143355	20.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	133548	25.854	ug/L	98
12) 1,1-Dichloroethene	4.050	96	129303	25.217	ug/L	92
13) Acetone	4.117	43	49632	47.860	ug/L	99
14) Carbon disulfide	4.391	76	418226	24.959	ug/L	99
15) Methyl Acetate	4.672	43	55511	31.283	ug/L	100
16) Methylene chloride	4.915	84	141101	22.140	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	143435	26.047	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	226041	28.554	ug/L	100
19) 1,1-Dichloroethane	6.220	63	261222	26.641	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	138051	23.876	ug/L	99
22) 2-Butanone	7.165	43	61775	48.986	ug/L	100
23) Bromochloromethane	7.519	128	66281	27.830	ug/L	94
25) Chloroform	7.677	83	273136	27.080	ug/L	98

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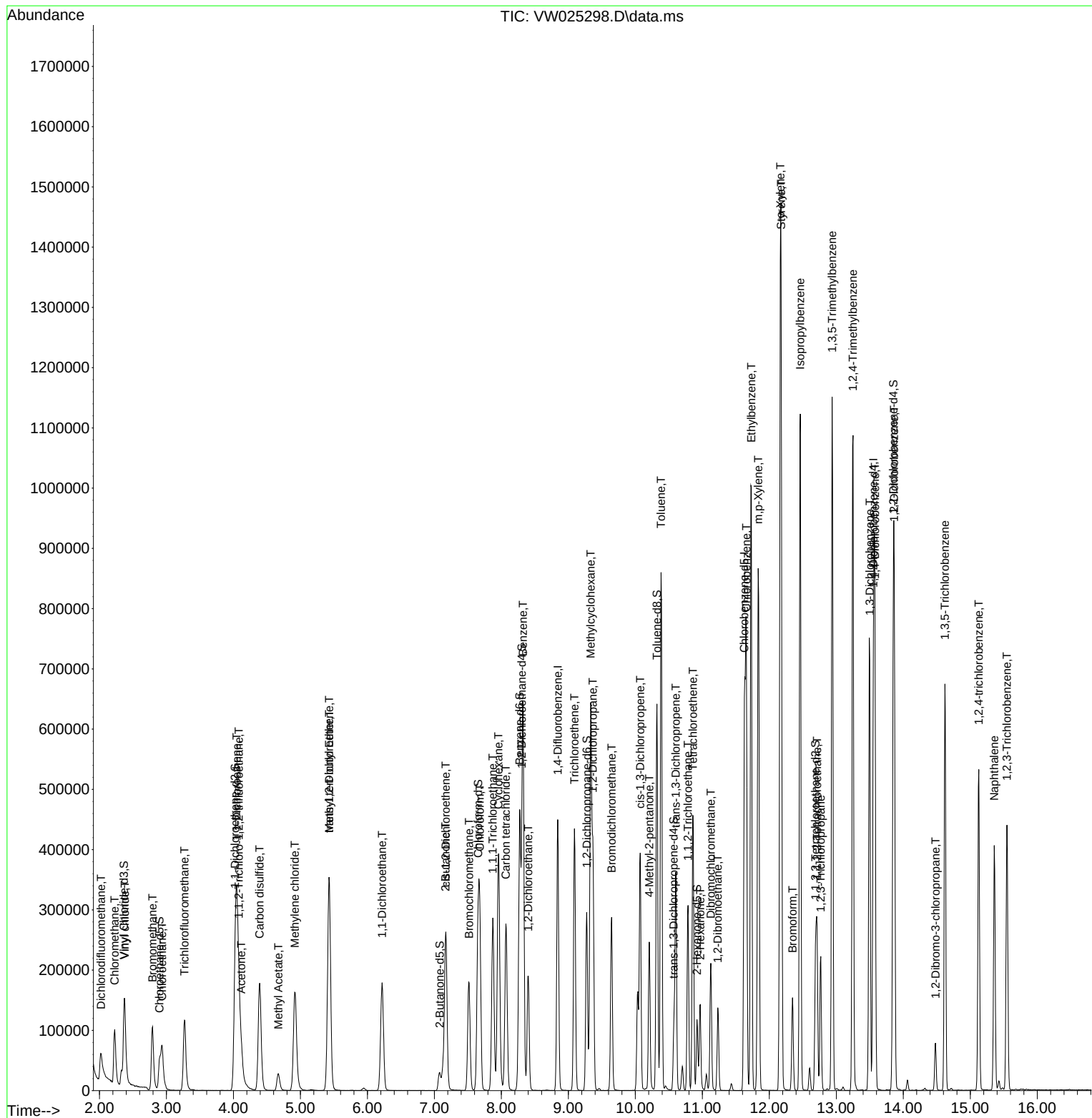
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	180545	29.391	ug/L	99
29) Cyclohexane	7.958	56	231145	24.029	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	235531	24.859	ug/L	99
31) Carbon tetrachloride	8.067	117	214186	24.441	ug/L	99
33) Benzene	8.323	78	588523	25.460	ug/L	100
34) Trichloroethene	9.091	95	156673	24.198	ug/L	96
35) Methylcyclohexane	9.335	83	267394	23.137	ug/L	100
37) 1,2-Dichloropropane	9.366	63	145391	25.503	ug/L	99
38) Bromodichloromethane	9.646	83	195183	25.748	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	238590	25.560	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	155511	61.779	ug/L	98
42) Toluene	10.384	91	629857	27.401	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	197613	29.699	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	93793	26.104	ug/L	93
46) Tetrachloroethene	10.859	164	98341	23.766	ug/L	97
48) 2-Hexanone	10.969	43	89686	56.437	ug/L	98
49) Dibromochloromethane	11.128	129	109801	27.057	ug/L	98
50) 1,2-Dibromoethane	11.231	107	88985	27.036	ug/L	99
51) Chlorobenzene	11.658	112	392981	25.978	ug/L	98
52) Ethylbenzene	11.731	91	724579	26.309	ug/L	97
53) m,p-Xylene	11.835	106	276023	26.444	ug/L	95
54) o-Xylene	12.164	106	260895	24.829	ug/L	96
55) Styrene	12.176	104	452061	25.409	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	123992	28.963	ug/L	99
59) Bromoform	12.347	173	69985	30.304	ug/L	100
60) Isopropylbenzene	12.463	105	735001	26.662	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	92064	31.810	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	614550	27.652	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	608803	27.339	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	295601	25.881	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	306932	27.233	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	267204	27.148	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21393	31.648	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	199409	26.848	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	158594	26.223	ug/L	99
71) Naphthalene	15.359	128	338809	30.645	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140661	27.087	ug/L	96

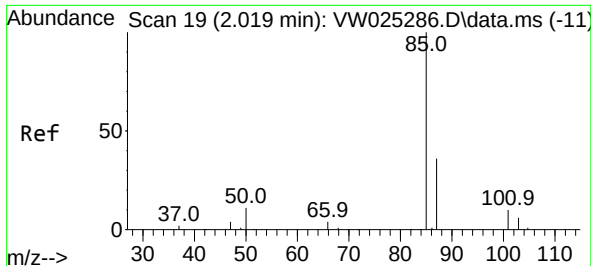
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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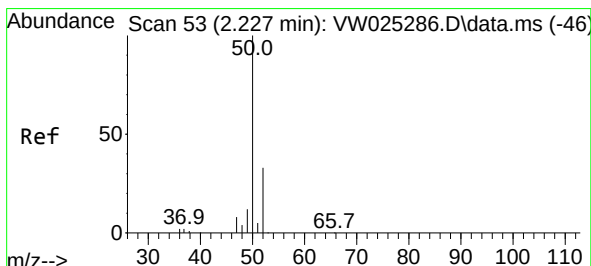
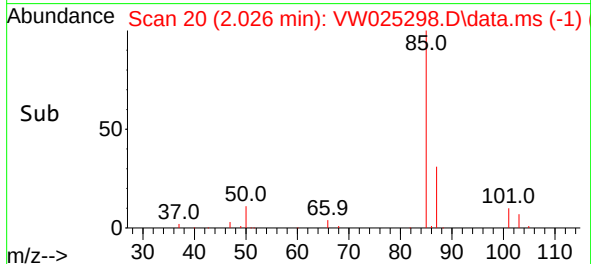
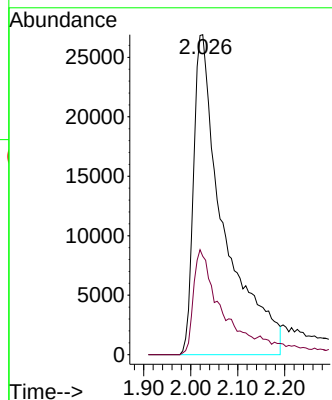
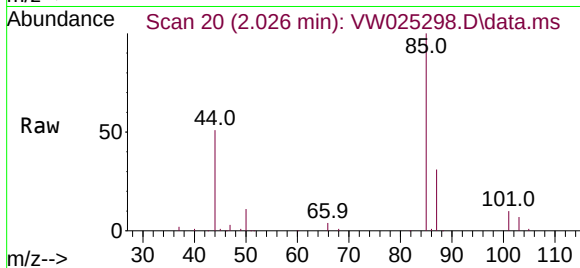




#2
 Dichlorodifluoromethane
 Concen: 23.655 ug/L
 RT: 2.026 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

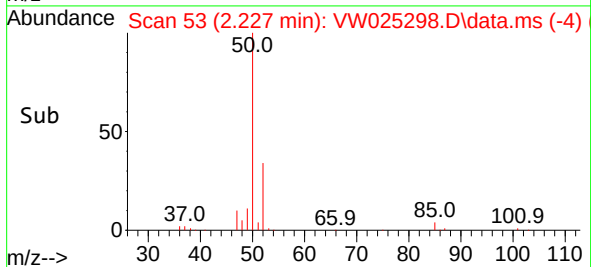
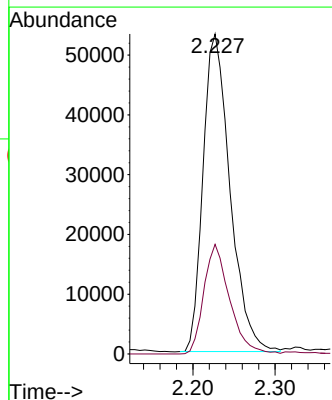
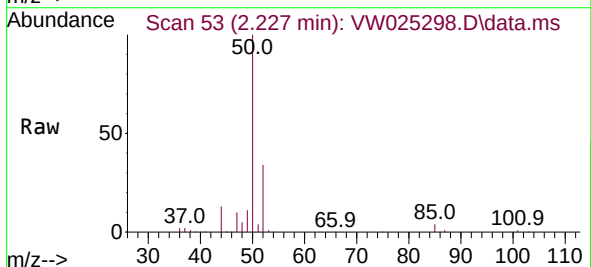
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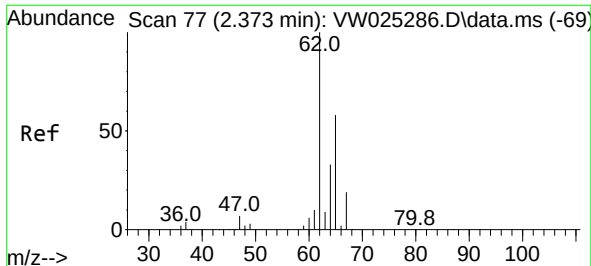
Tgt Ion: 85 Resp: 119838
 Ion Ratio Lower Upper
 85 100
 87 18.4 23.3 34.9#



#3
 Chloromethane
 Concen: 24.902 ug/L
 RT: 2.227 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

Tgt Ion: 50 Resp: 121093
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 40.8

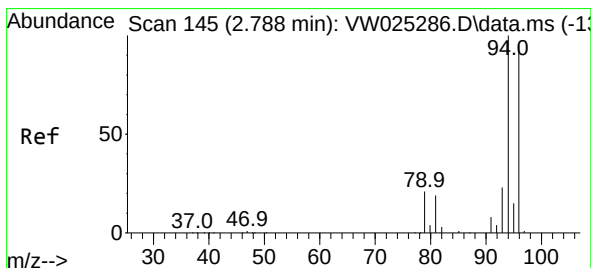
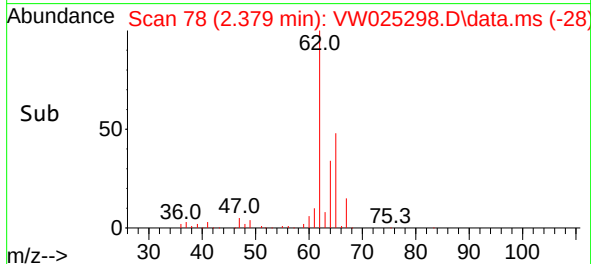
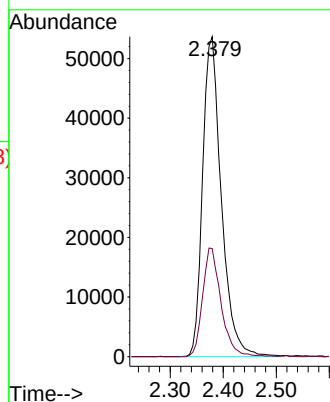
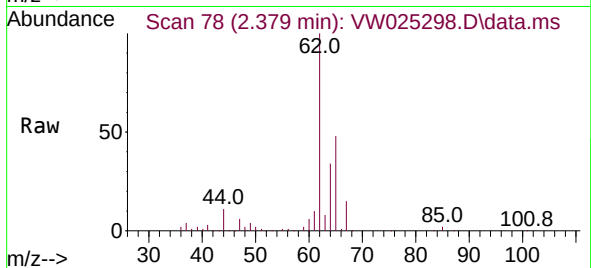




#5
 Vinyl chloride
 Concen: 26.608 ug/L
 RT: 2.379 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

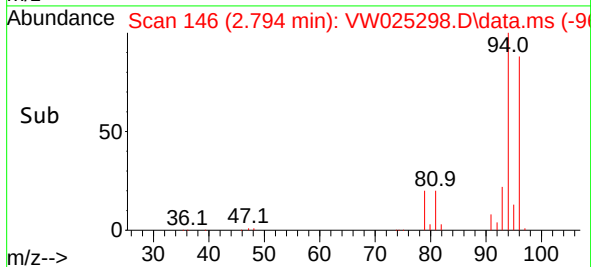
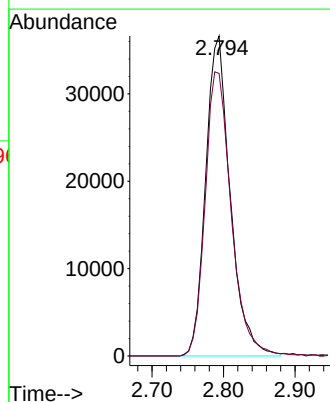
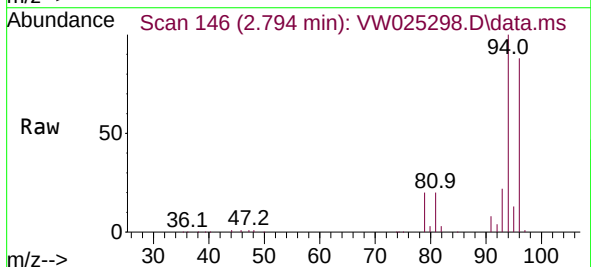
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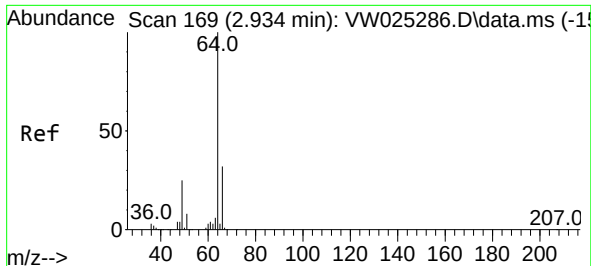
Tgt Ion: 62 Resp: 131777
 Ion Ratio Lower Upper
 62 100
 64 33.8 21.8 40.6



#6
 Bromomethane
 Concen: 25.829 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.006 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

Tgt Ion: 94 Resp: 87586
 Ion Ratio Lower Upper
 94 100
 96 88.3 66.3 123.1

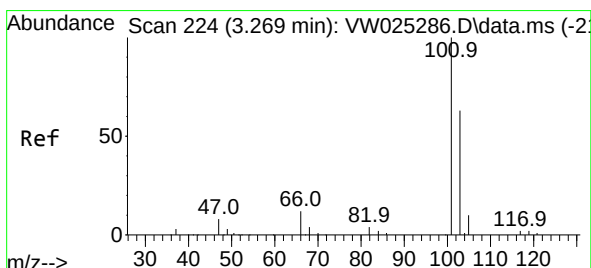
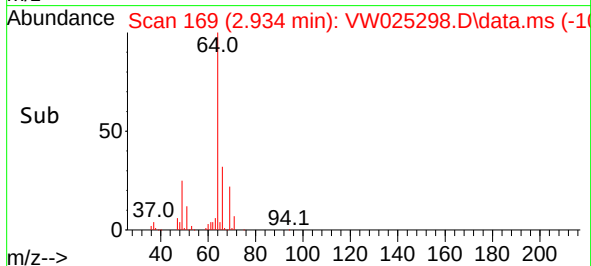
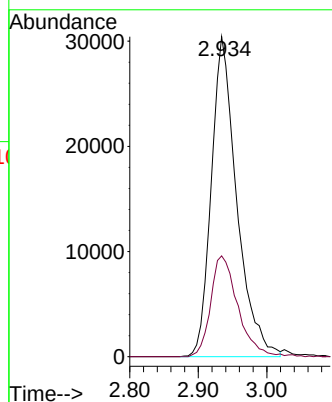
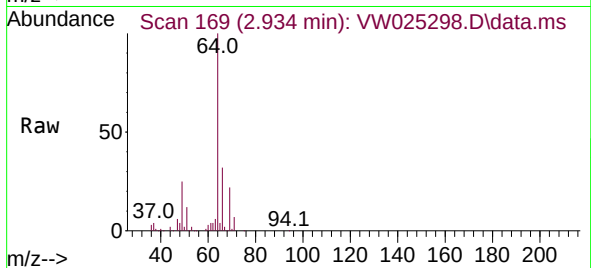




#8
Chloroethane
Concen: 25.376 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

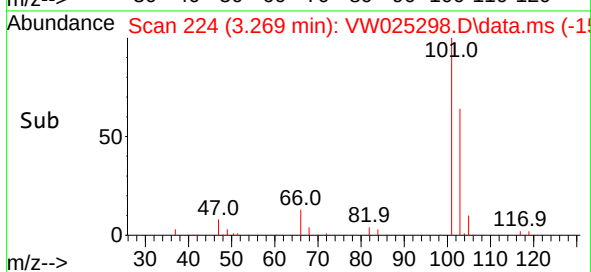
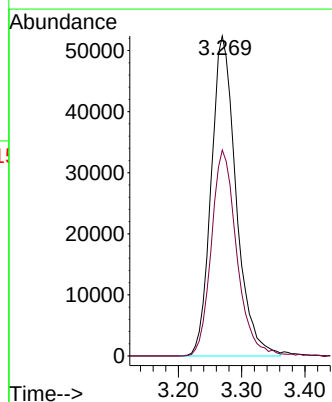
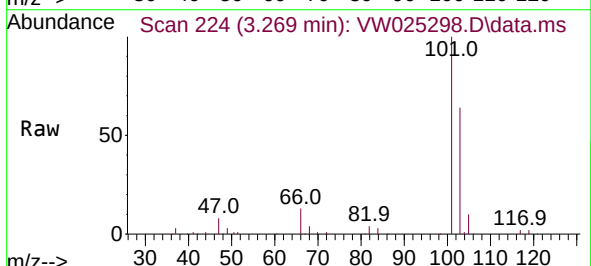
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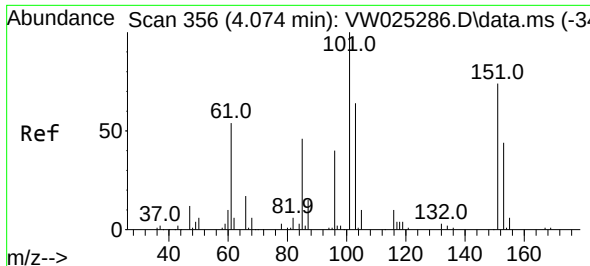
Tgt Ion: 64 Resp: 78456
Ion Ratio Lower Upper
64 100
66 31.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 20.124 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 101 Resp: 143355
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

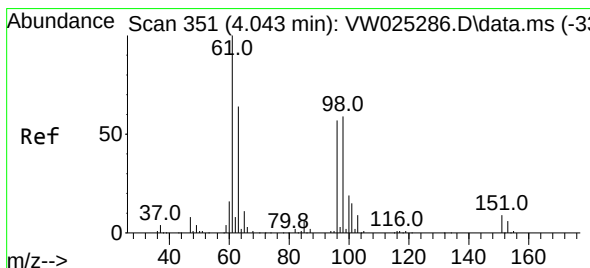
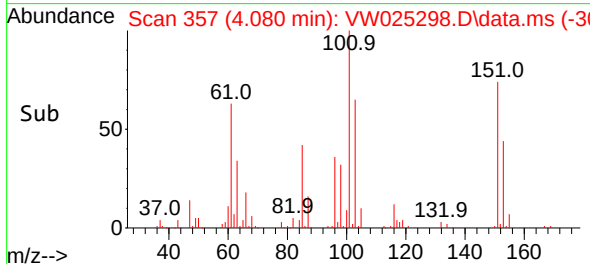
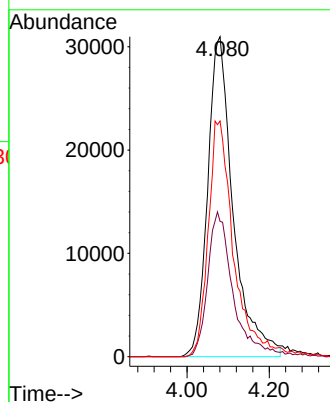
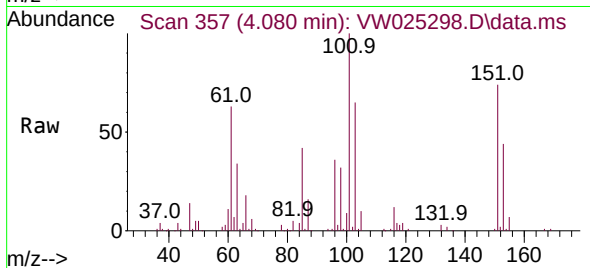




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.854 ug/L
 RT: 4.080 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW025298.D
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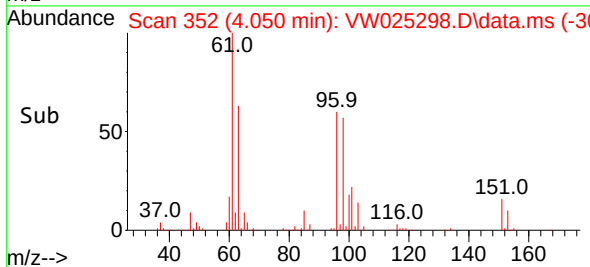
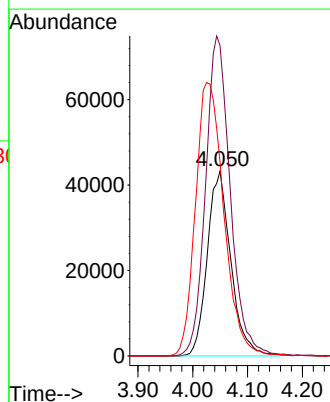
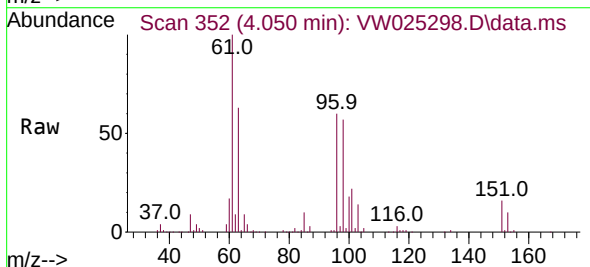
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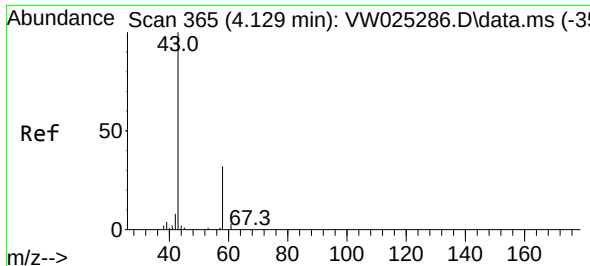
Tgt Ion:101 Resp: 133548
 Ion Ratio Lower Upper
 101 100
 85 44.5 32.8 49.2
 151 68.7 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 25.217 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW025298.D
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Tgt Ion: 96 Resp: 129303
 Ion Ratio Lower Upper
 96 100
 61 167.9 120.8 224.4
 63 105.1 85.7 159.1

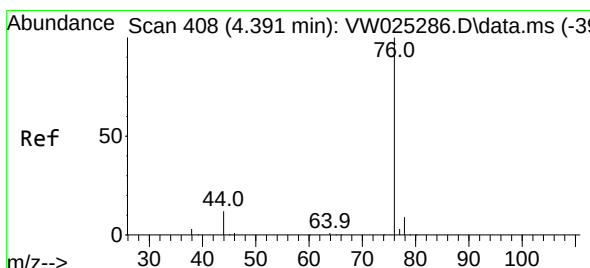
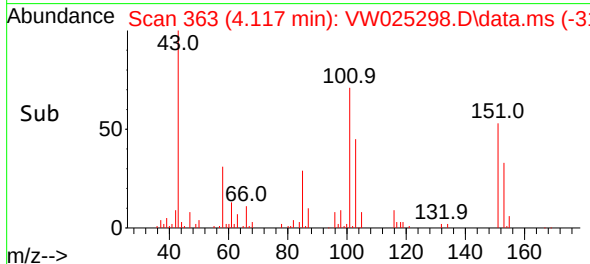
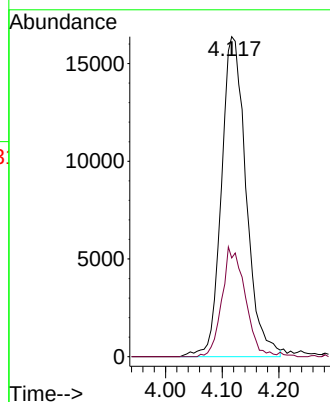
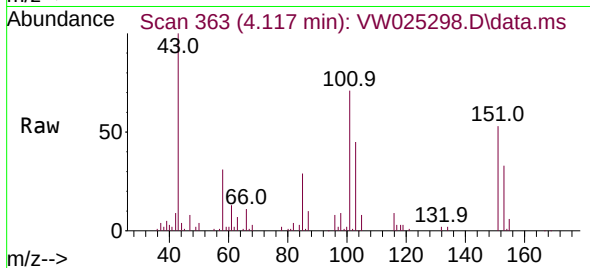




#13
Acetone
Concen: 47.860 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

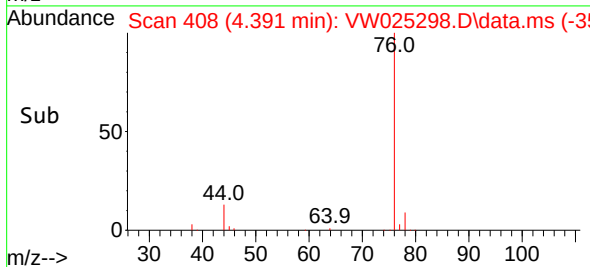
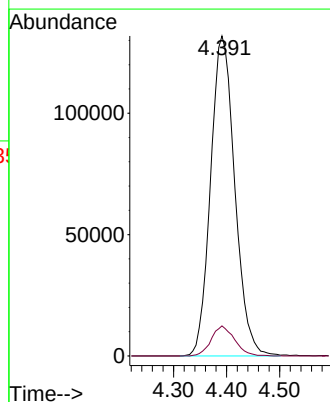
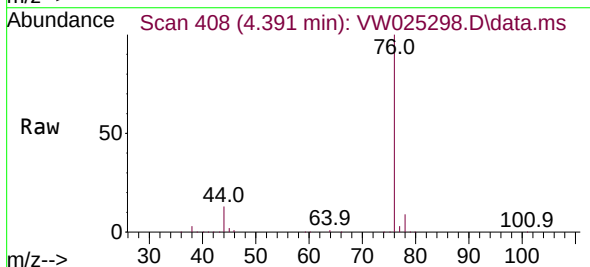
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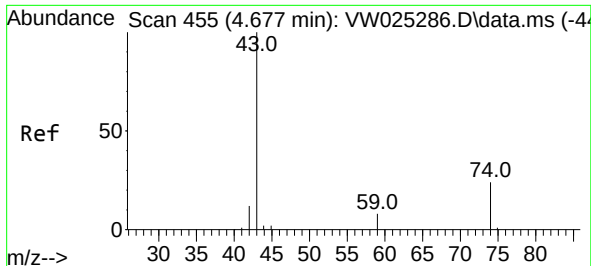
Tgt Ion: 43 Resp: 49632
Ion Ratio Lower Upper
43 100
58 32.0 0.0 63.0



#14
Carbon disulfide
Concen: 24.959 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 418226
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

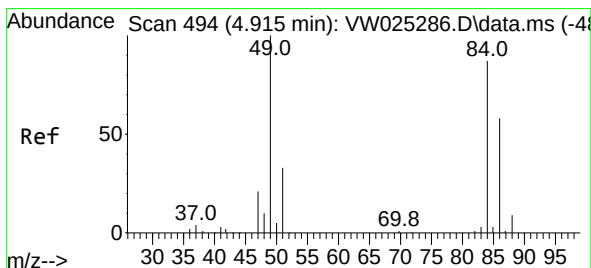
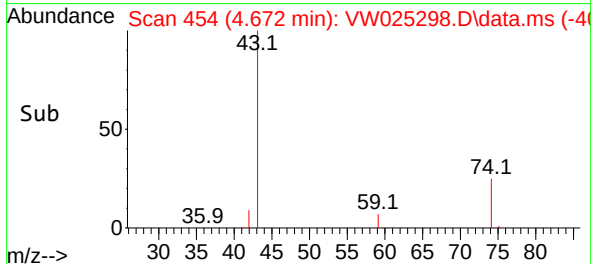
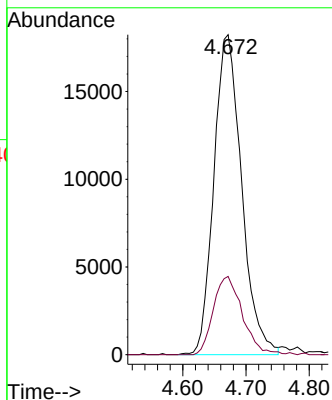
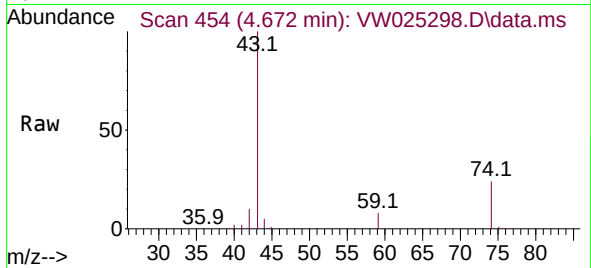




#15
Methyl Acetate
Concen: 31.283 ug/L
RT: 4.672 min Scan# 455
Delta R.T. -0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

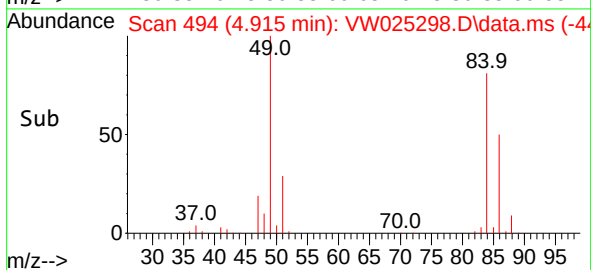
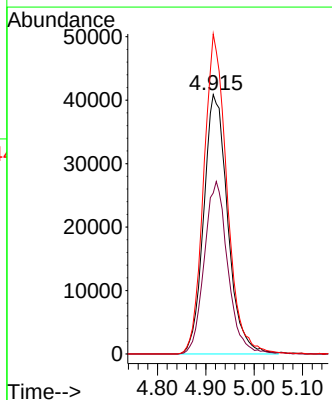
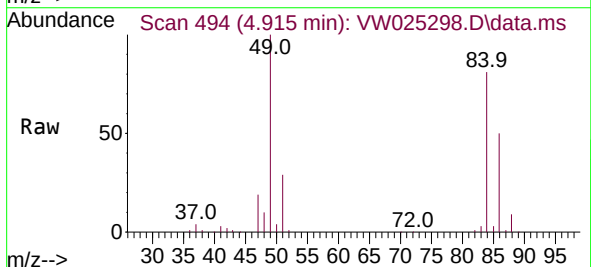
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

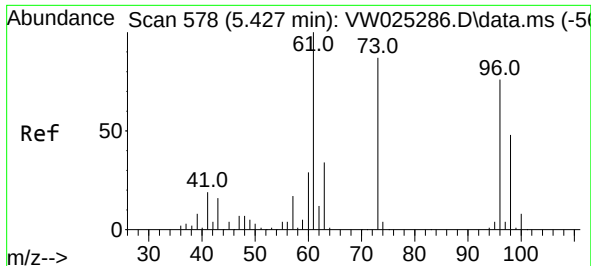
Tgt Ion: 43 Resp: 55511
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



#16
Methylene chloride
Concen: 22.140 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 84 Resp: 141101
Ion Ratio Lower Upper
84 100
86 62.1 47.2 87.6
49 123.4 86.5 160.7

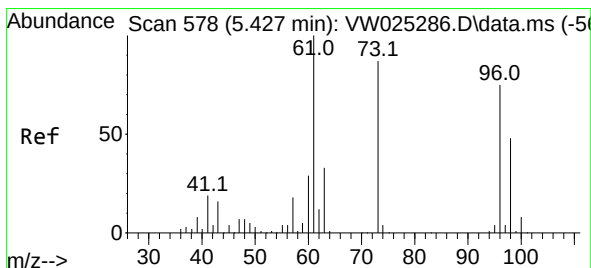
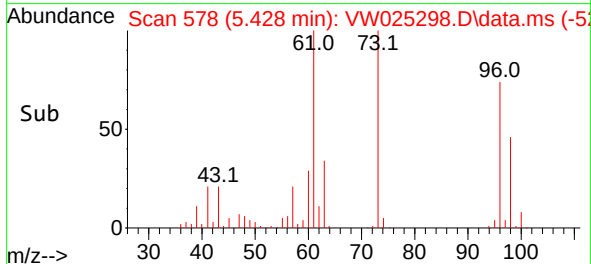
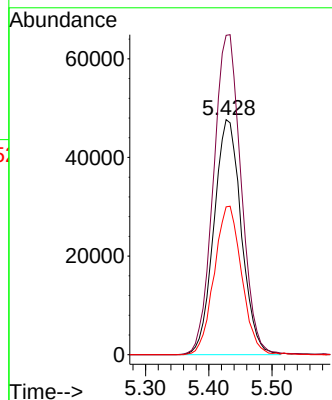
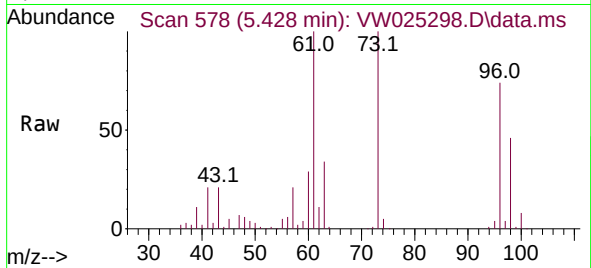




#17
trans-1,2-Dichloroethene
Concen: 26.047 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

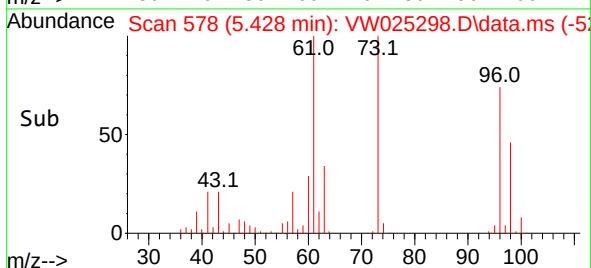
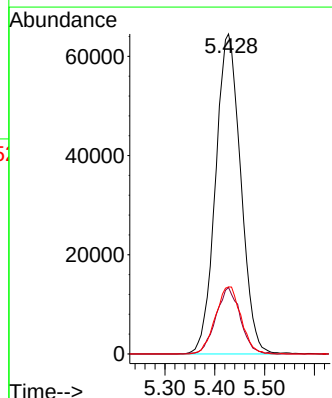
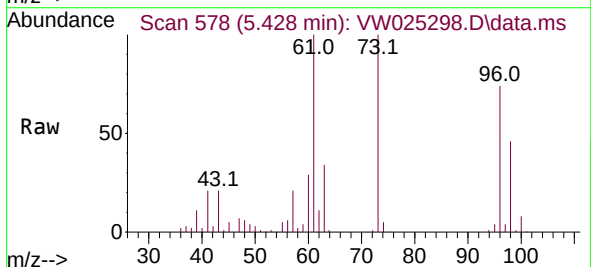
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

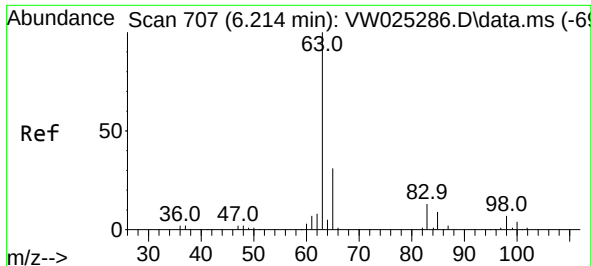
Tgt Ion: 96 Resp: 143435
Ion Ratio Lower Upper
96 100
61 135.9 98.4 182.8
98 62.9 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 28.554 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 73 Resp: 226041
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 21.3 17.0 25.4

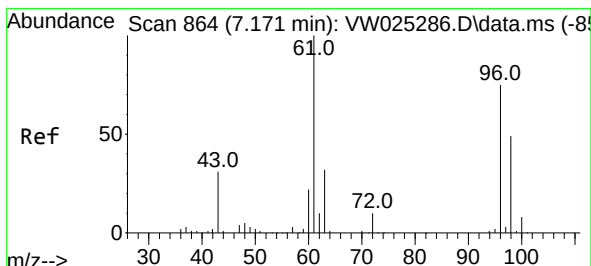
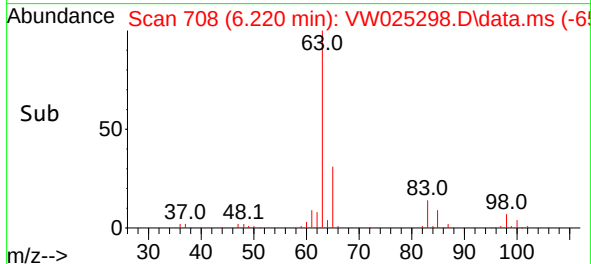
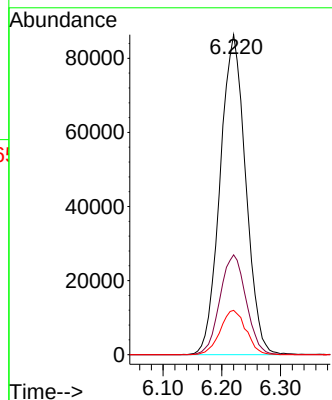
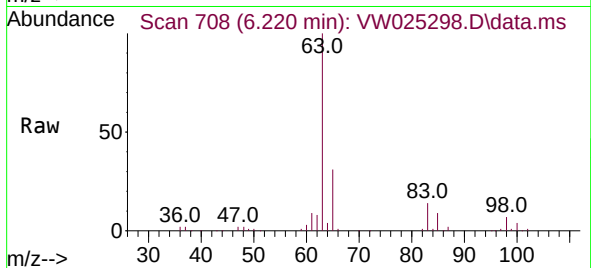




#19
1,1-Dichloroethane
Concen: 26.641 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

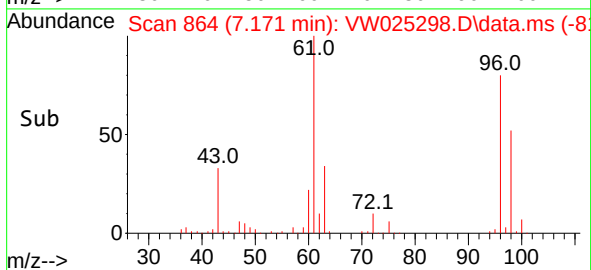
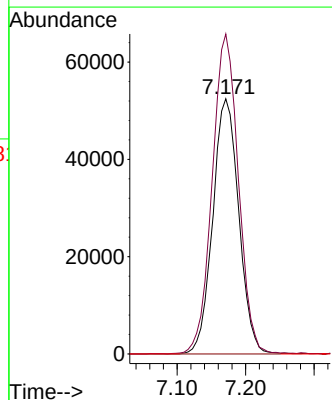
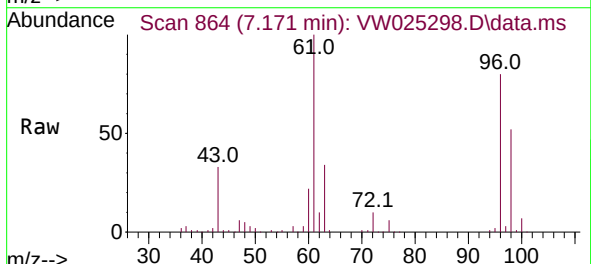
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

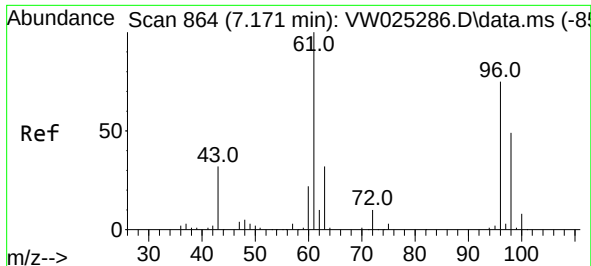
Tgt Ion: 63 Resp: 261222
Ion Ratio Lower Upper
63 100
65 31.2 22.0 41.0
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 23.876 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 96 Resp: 138051
Ion Ratio Lower Upper
96 100
61 125.4 87.2 162.0
68 0.0 0.0 0.0

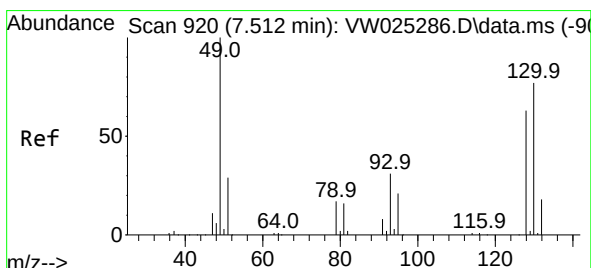
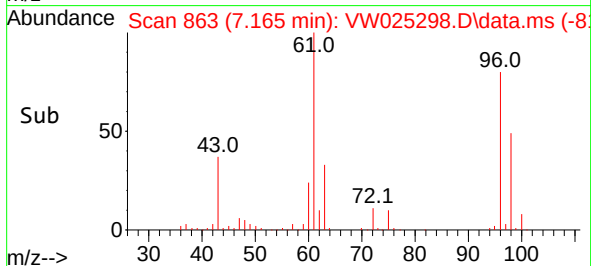
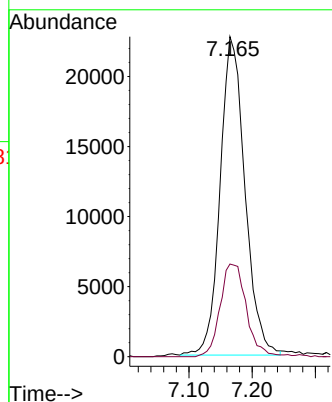
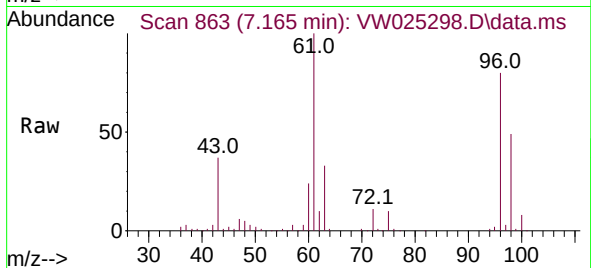




#22
2-Butanone
Concen: 48.986 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

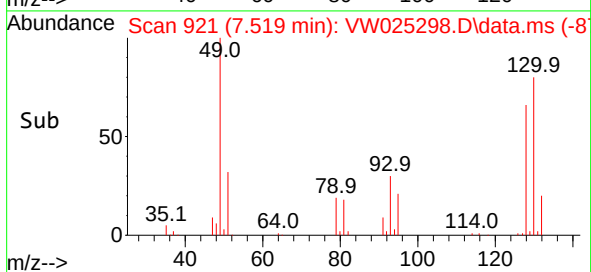
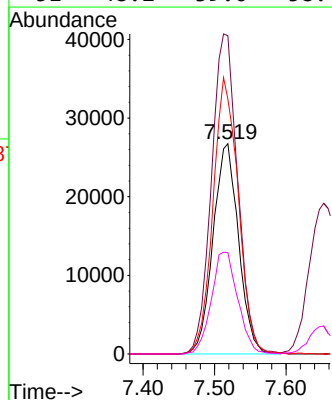
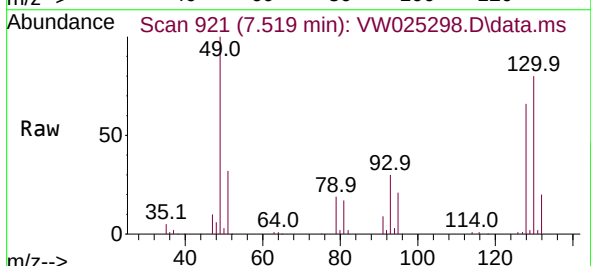
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

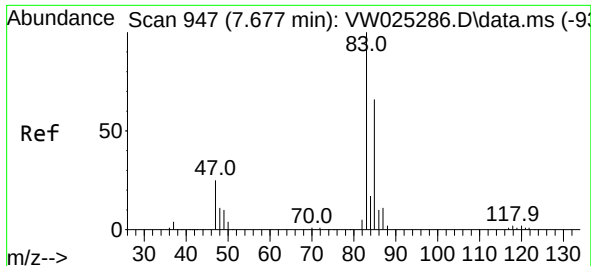
Tgt Ion: 43 Resp: 61775
Ion Ratio Lower Upper
43 100
72 30.6 15.2 45.6



#23
Bromochloromethane
Concen: 27.830 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 128 Resp: 66281
Ion Ratio Lower Upper
128 100
49 151.3 109.0 202.4
130 121.2 93.3 173.3
51 48.2 39.0 58.4

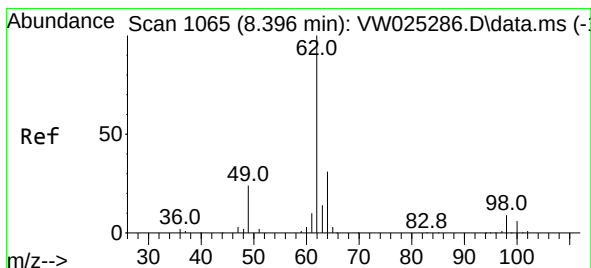
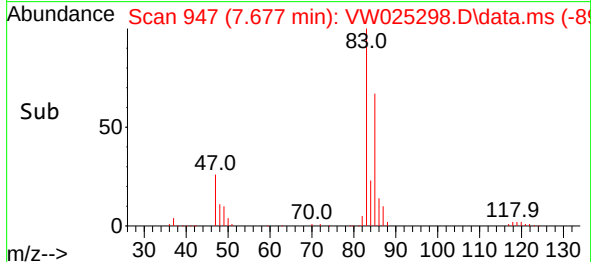
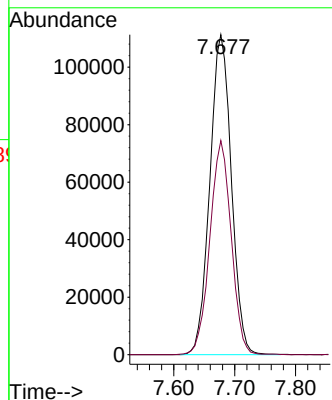
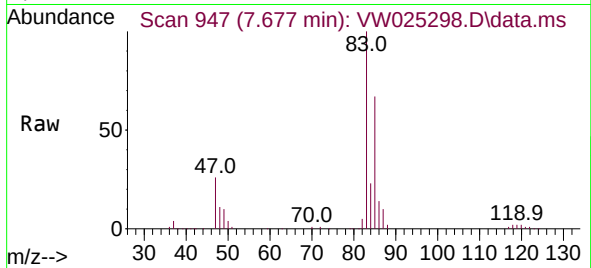




#25
Chloroform
Concen: 27.080 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

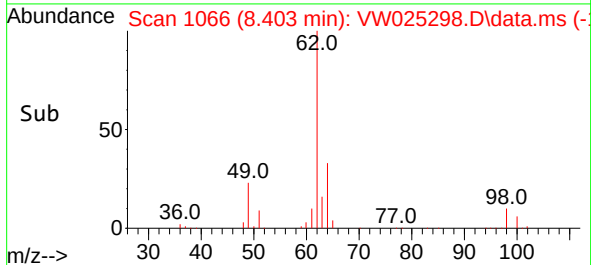
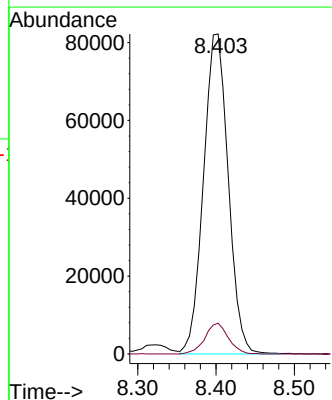
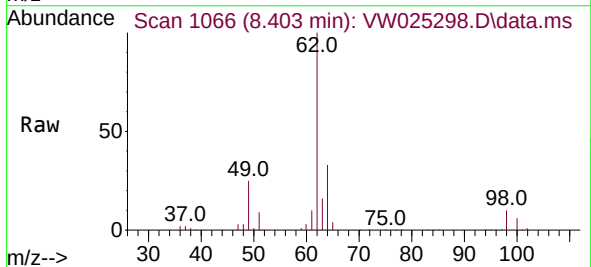
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

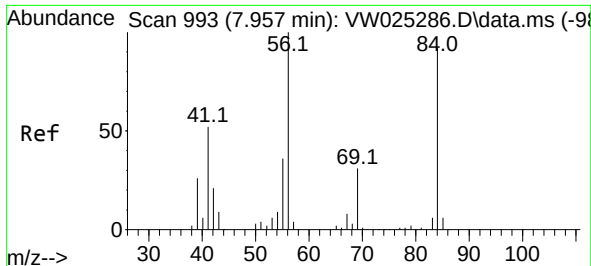
Tgt Ion: 83 Resp: 273136
Ion Ratio Lower Upper
83 100
85 66.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 29.391 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 62 Resp: 180545
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 24.029 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

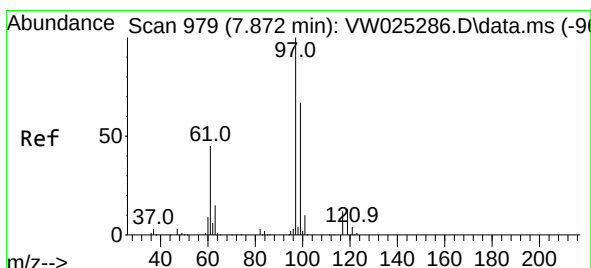
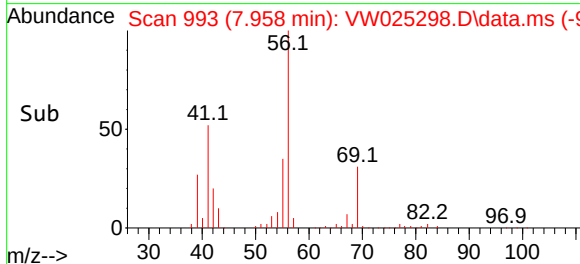
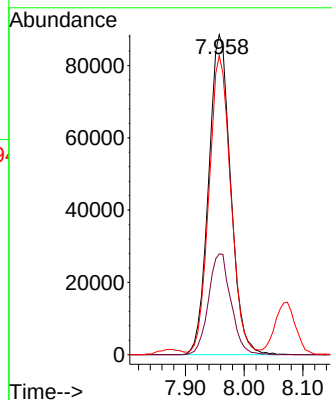
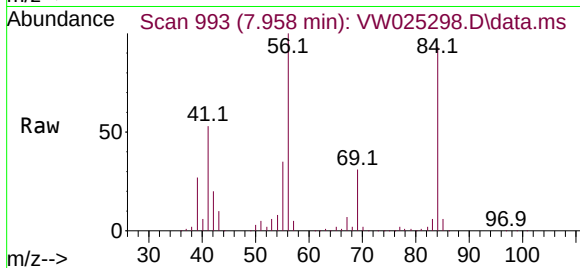
Tgt Ion: 56 Resp: 231145

Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 92.4 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 24.859 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

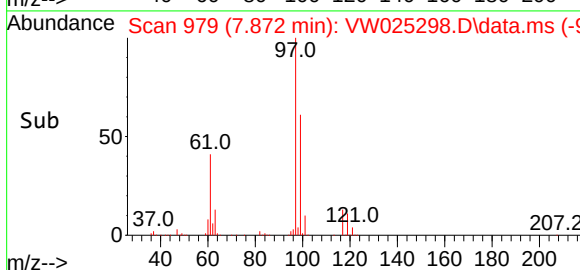
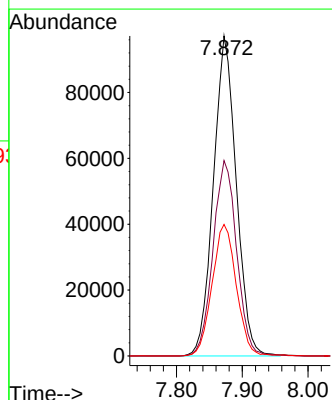
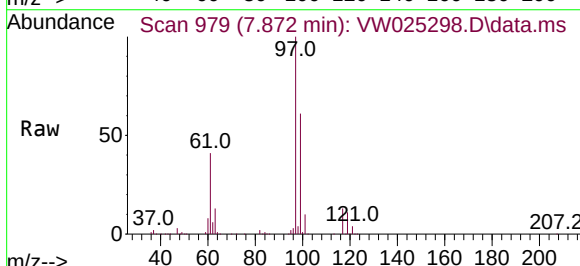
Tgt Ion: 97 Resp: 235531

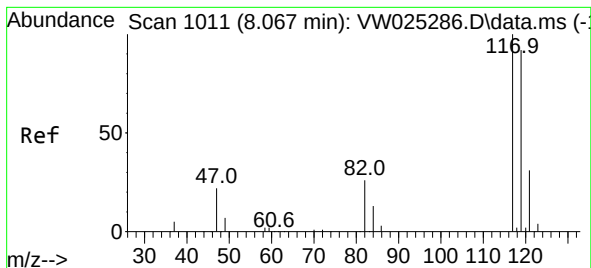
Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 43.4 35.0 52.6

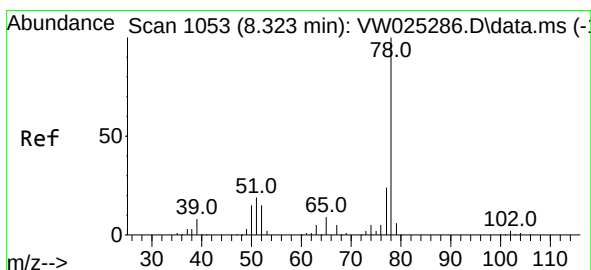
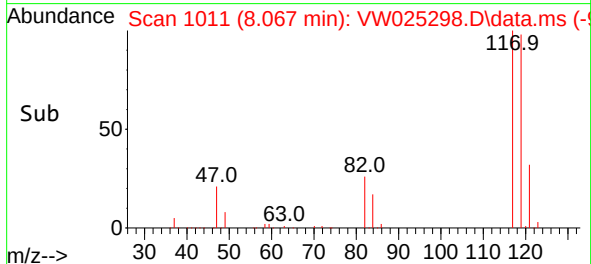
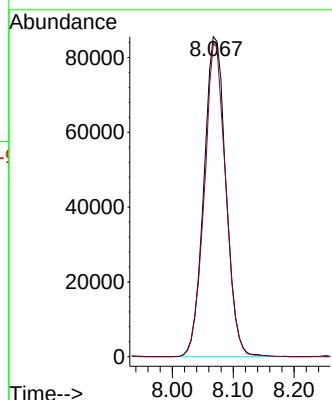
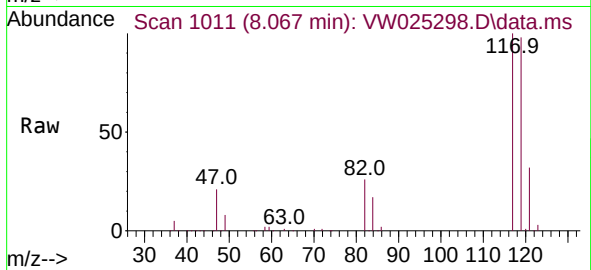




#31
Carbon tetrachloride
Concen: 24.441 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

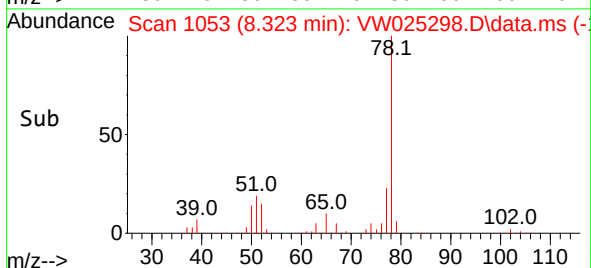
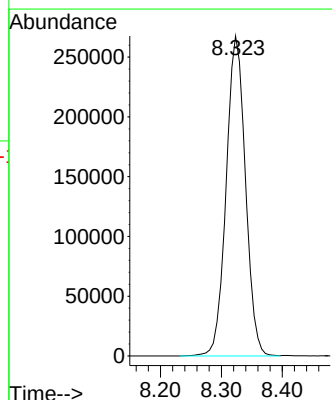
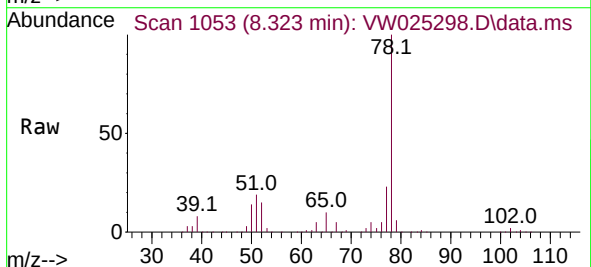
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

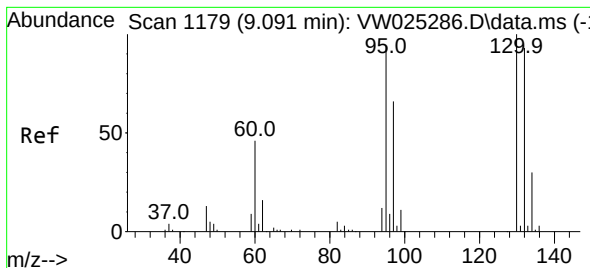
Tgt Ion:117 Resp: 214186
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4



#33
Benzene
Concen: 25.460 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 78 Resp: 588523





#34

Trichloroethene

Concen: 24.198 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

Tgt Ion: 95 Resp: 156673

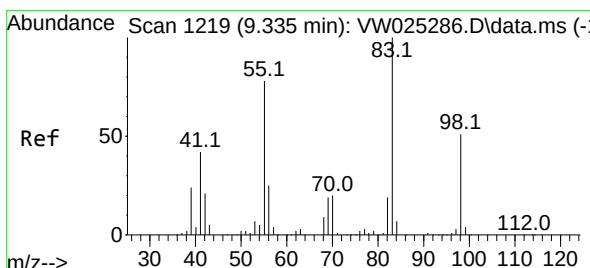
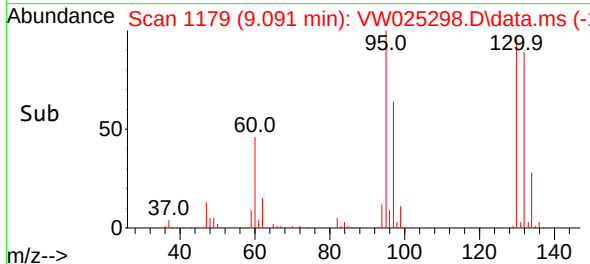
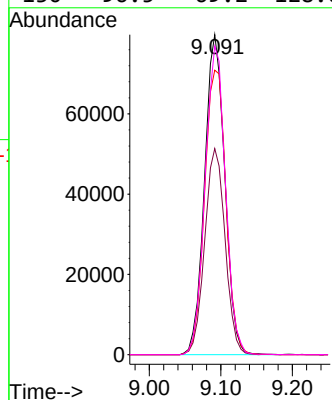
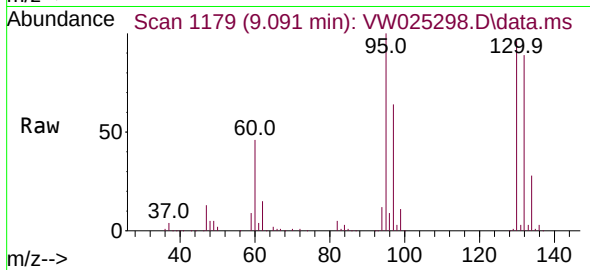
Ion Ratio Lower Upper

95 100

97 64.4 45.4 84.2

132 88.9 67.1 124.5

130 96.5 69.2 128.6



#35

Methylcyclohexane

Concen: 23.137 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

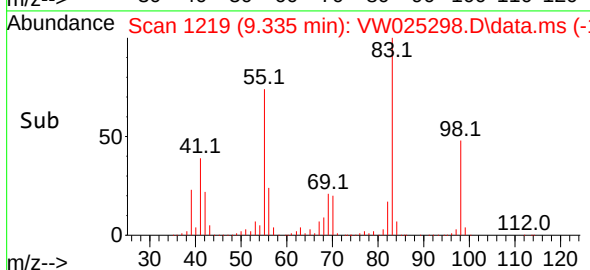
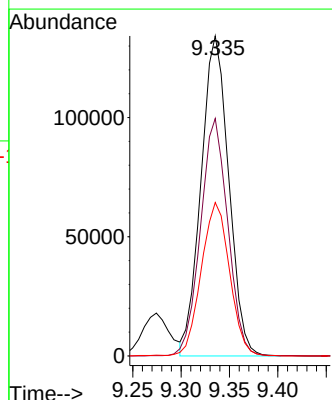
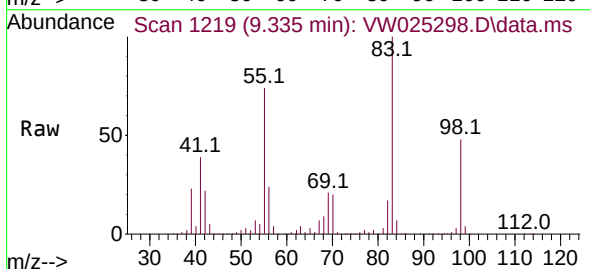
Tgt Ion: 83 Resp: 267394

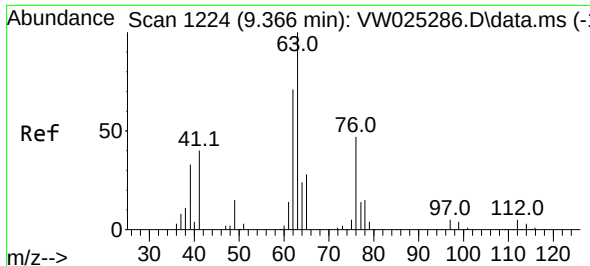
Ion Ratio Lower Upper

83 100

55 73.2 58.8 88.2

98 49.1 39.5 59.3

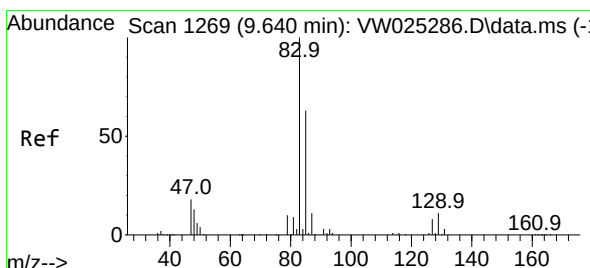
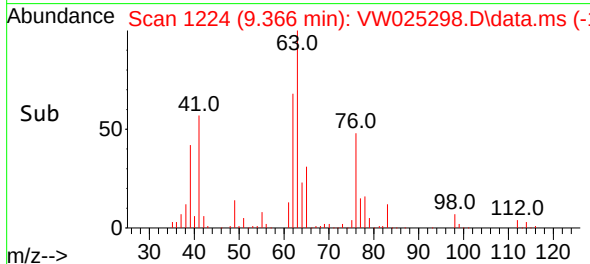
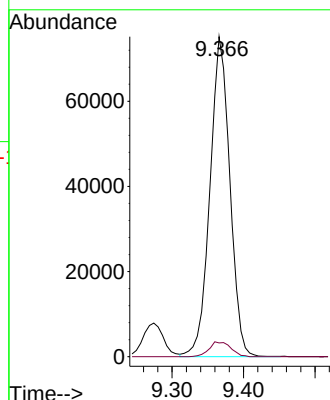
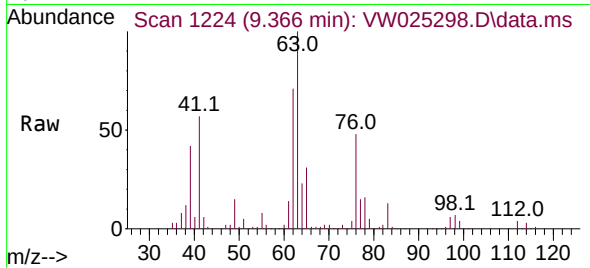




#37
1,2-Dichloropropane
Concen: 25.503 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

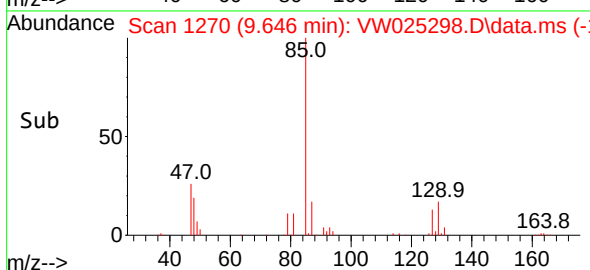
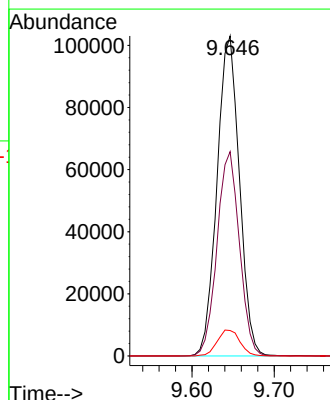
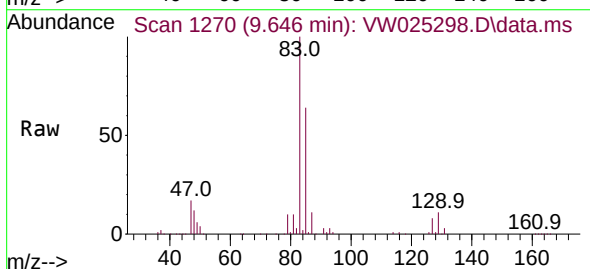
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

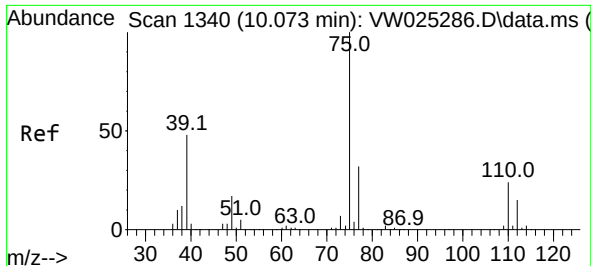
Tgt Ion: 63 Resp: 145391
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 25.748 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 83 Resp: 195183
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.560 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

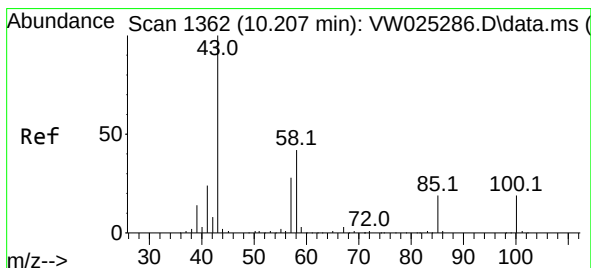
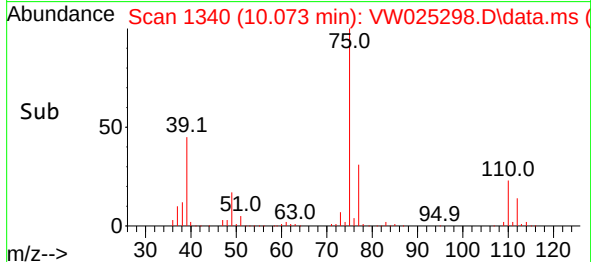
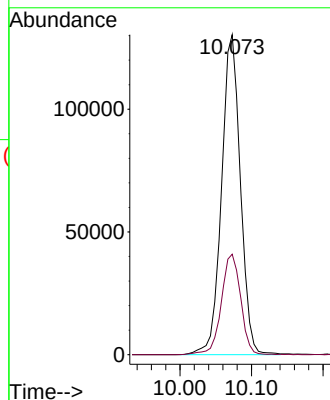
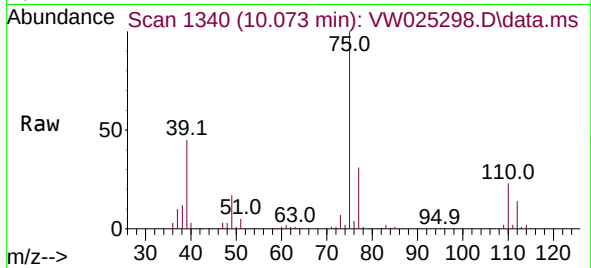
VSTD025529

Tgt Ion: 75 Resp: 238590

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 61.779 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

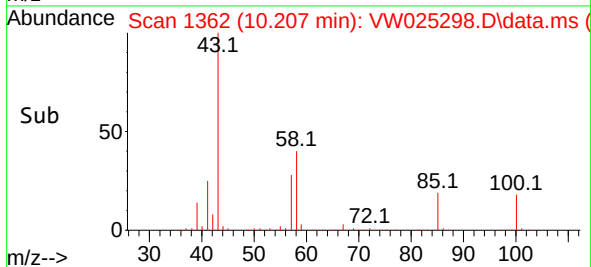
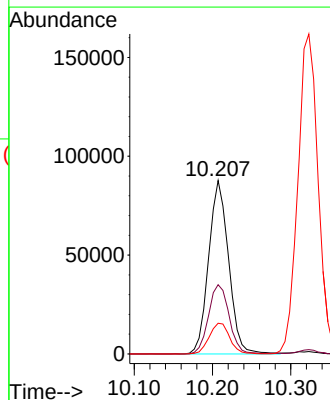
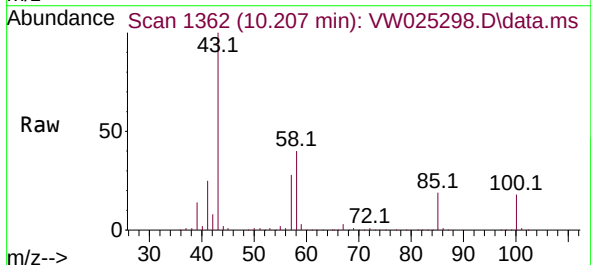
Tgt Ion: 43 Resp: 155511

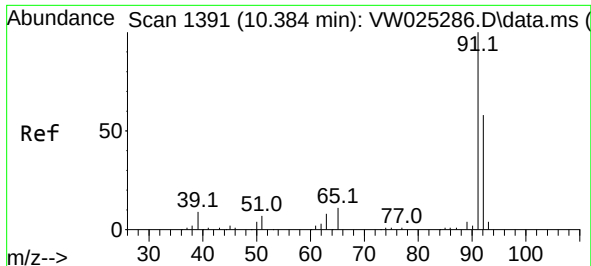
Ion Ratio Lower Upper

43 100

58 41.1 34.1 51.1

100 18.2 14.5 21.7





#42

Toluene

Concen: 27.401 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

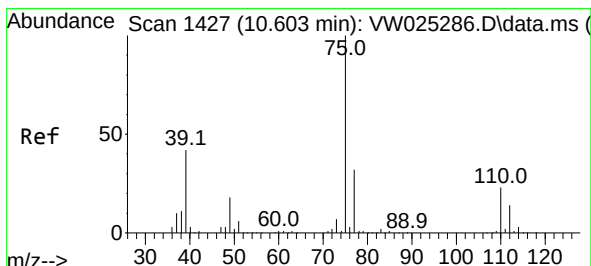
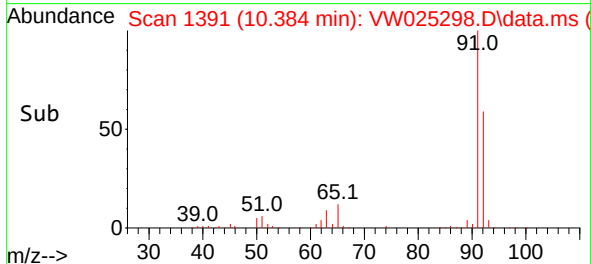
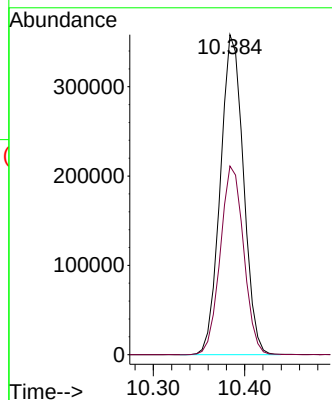
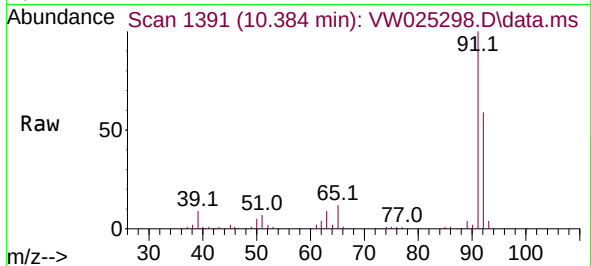
VSTD025529

Tgt Ion: 91 Resp: 629857

Ion Ratio Lower Upper

91 100

92 59.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 29.699 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025298.D

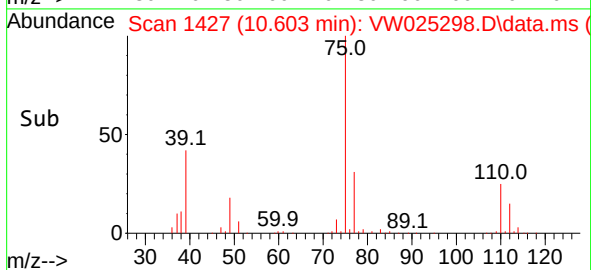
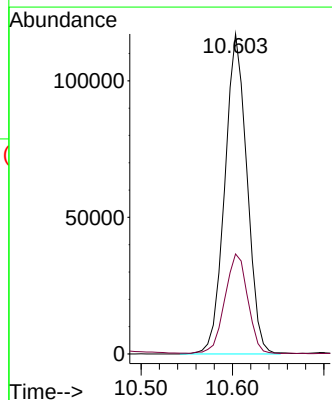
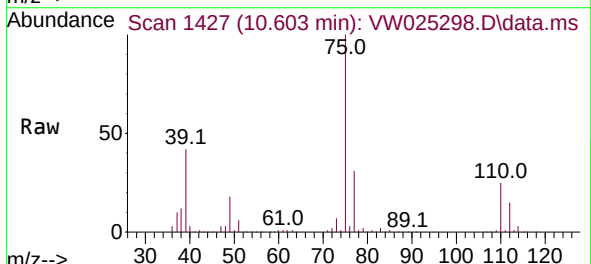
Acq: 06 Feb 2023 16:08

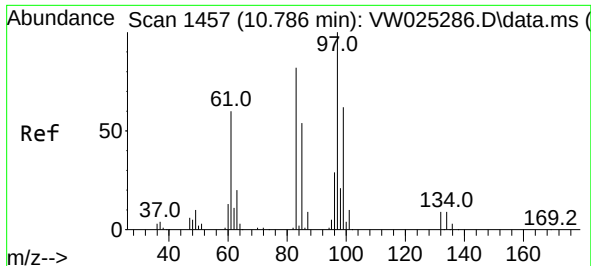
Tgt Ion: 75 Resp: 197613

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3

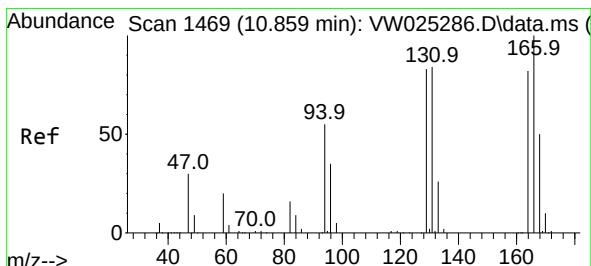
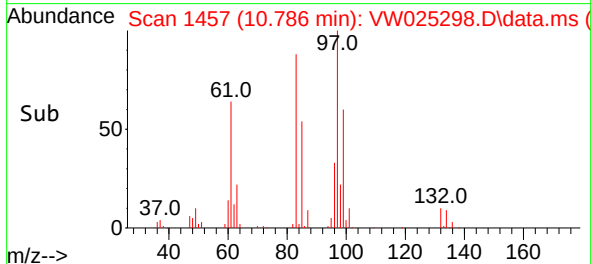
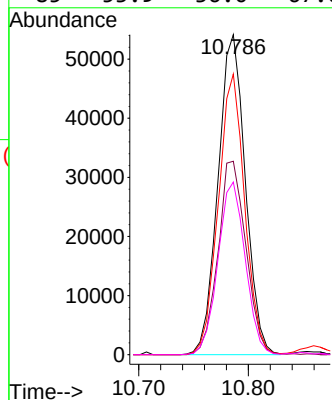
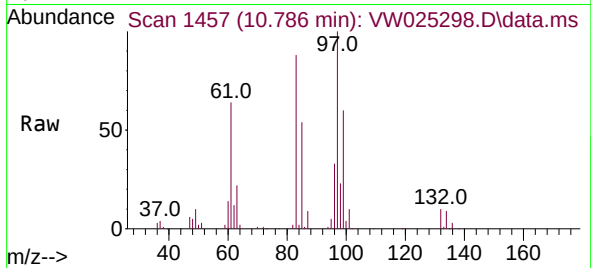




#45
1,1,2-Trichloroethane
Concen: 26.104 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

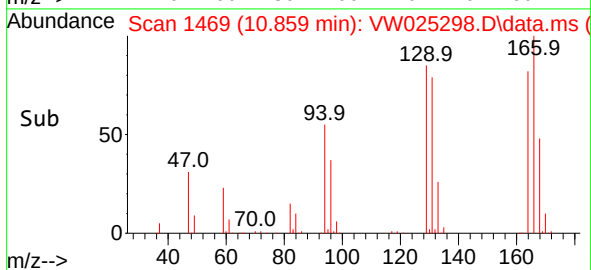
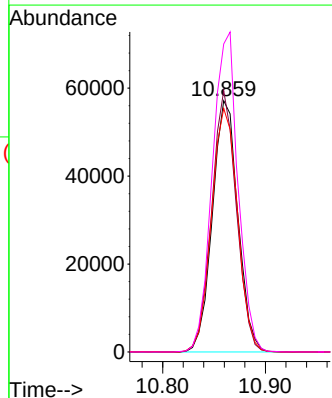
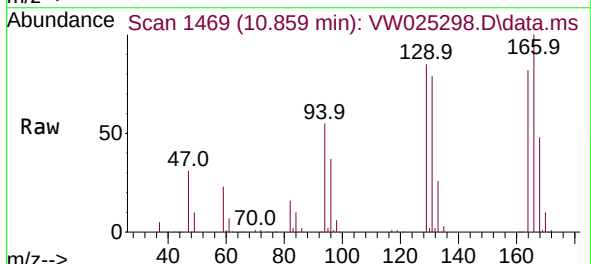
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

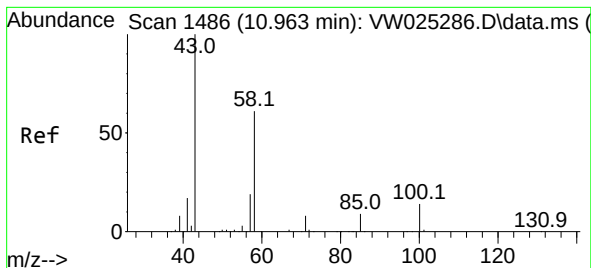
Tgt Ion: 97	Resp: 93793
Ion Ratio	Lower Upper
97 100	
99 60.5	41.4 76.8
83 87.7	54.0 100.4
85 53.9	36.0 67.0



#46
Tetrachloroethene
Concen: 23.766 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt	Ion:164	Resp:	98341
Ion	Ratio	Lower	Upper
164	100		
129	104.1	74.1	137.5
131	97.0	72.3	134.3
166	122.6	86.3	160.3





#48

2-Hexanone

Concen: 56.437 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

Tgt Ion: 43 Resp: 89686

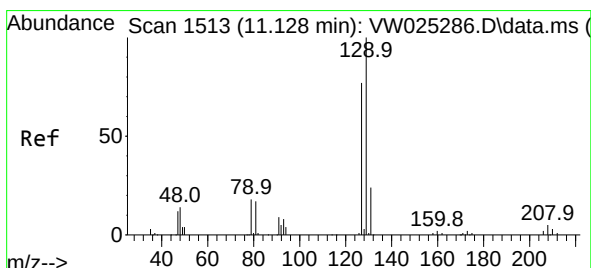
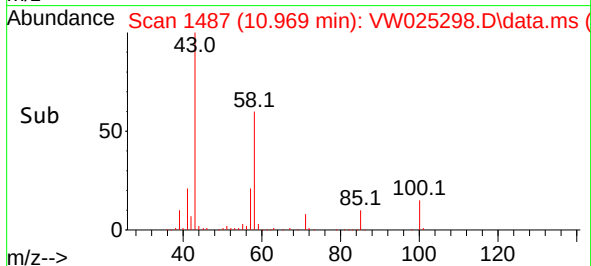
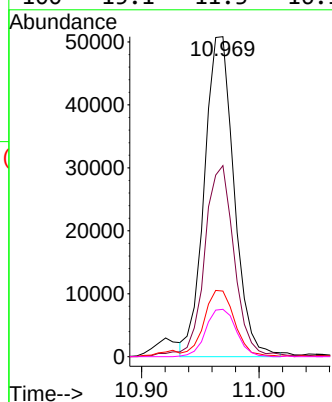
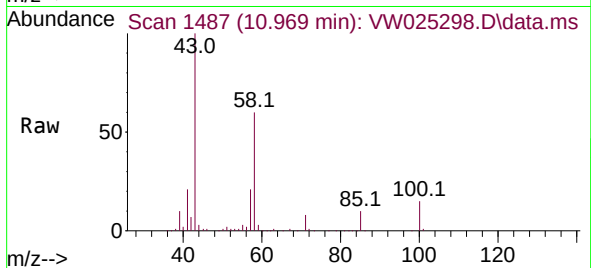
Ion Ratio Lower Upper

43 100

58 59.2 46.3 69.5

57 21.3 16.5 24.7

100 15.1 11.3 16.9



#49

Dibromochloromethane

Concen: 27.057 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025298.D

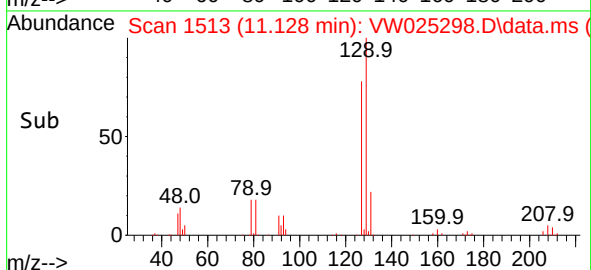
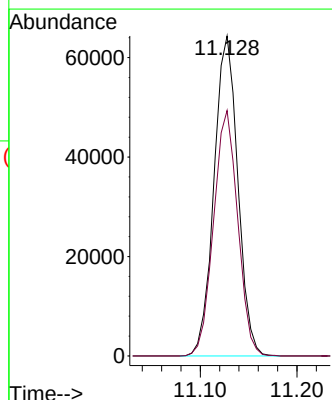
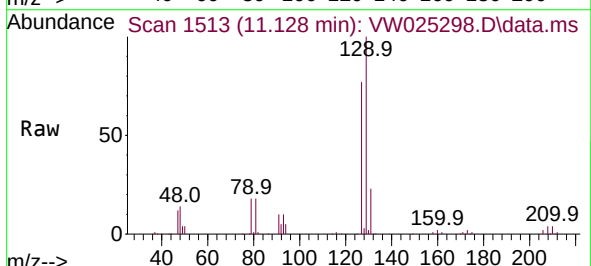
Acq: 06 Feb 2023 16:08

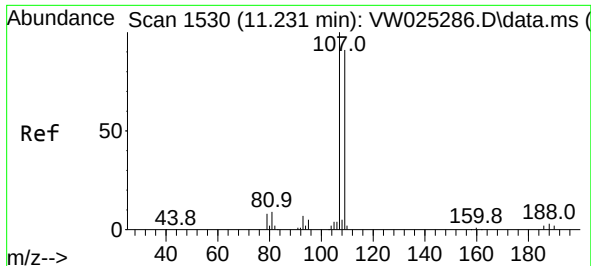
Tgt Ion:129 Resp: 109801

Ion Ratio Lower Upper

129 100

127 76.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 27.036 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

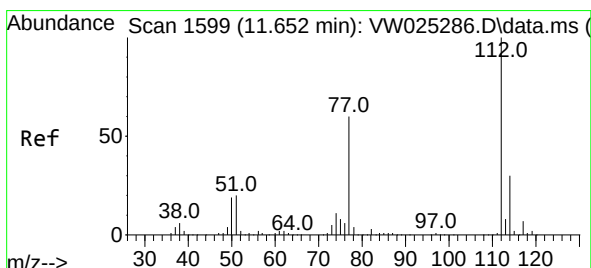
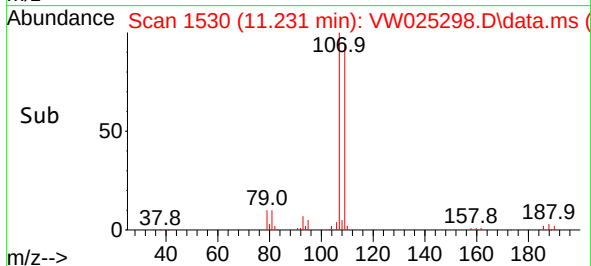
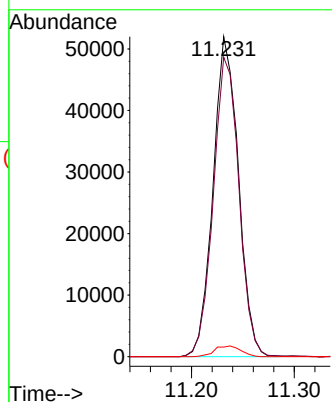
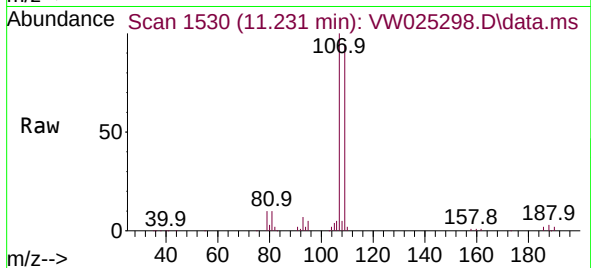
Tgt Ion:107 Resp: 88985

Ion Ratio Lower Upper

107 100

109 93.6 65.0 120.6

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 25.978 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

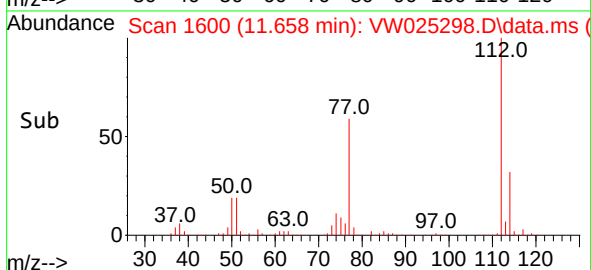
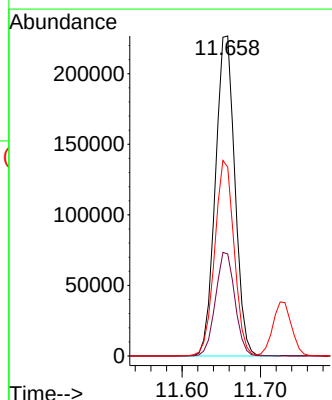
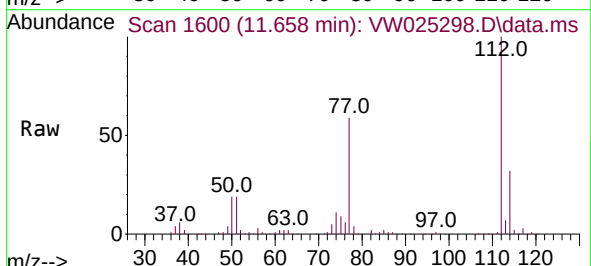
Tgt Ion:112 Resp: 392981

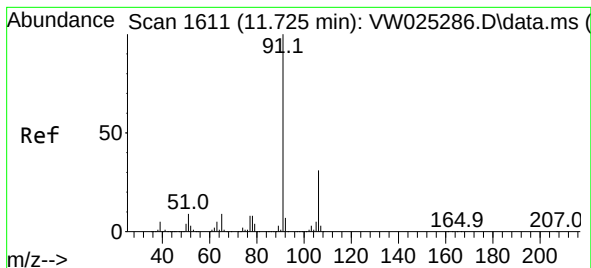
Ion Ratio Lower Upper

112 100

114 31.9 21.7 40.3

77 59.0 46.2 69.4

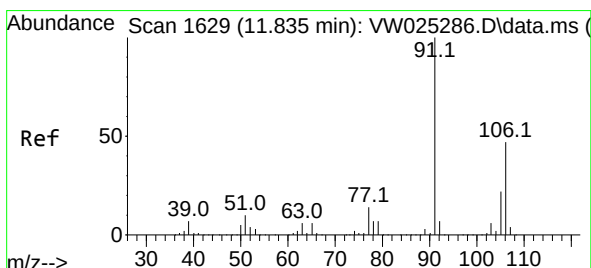
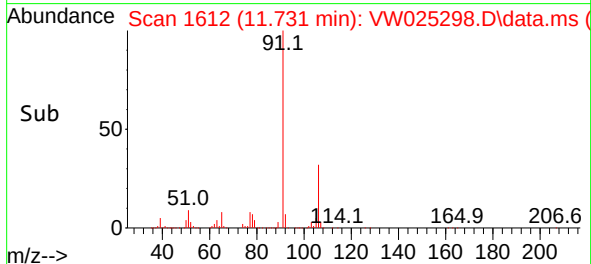
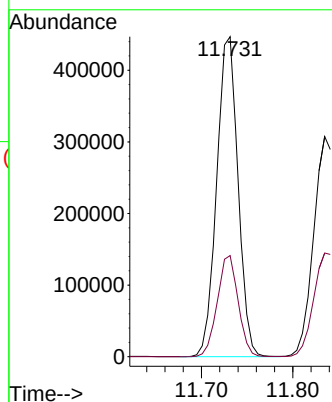
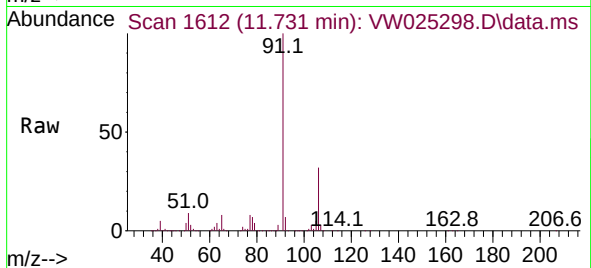




#52
Ethylbenzene
Concen: 26.309 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

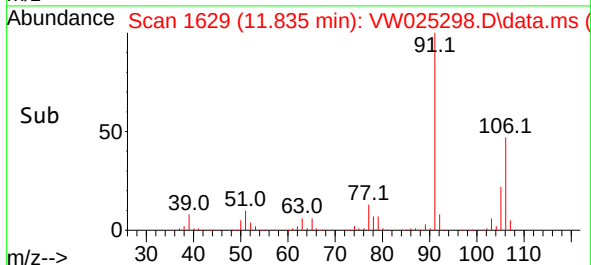
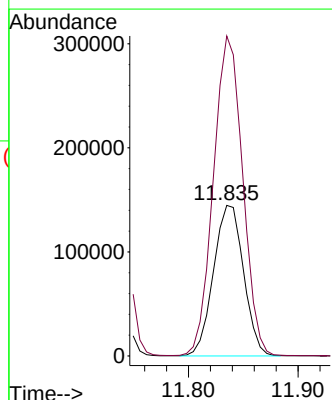
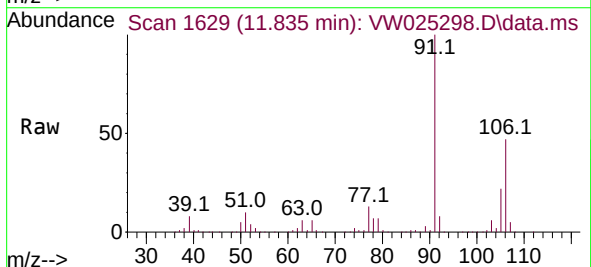
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

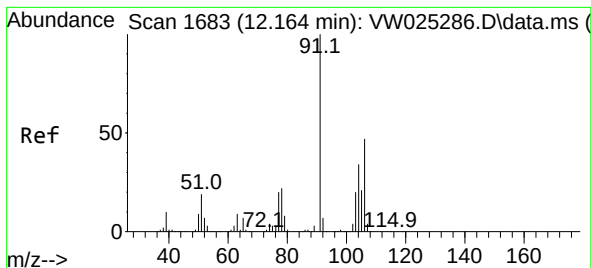
Tgt Ion: 91 Resp: 724579
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.1



#53
m,p-Xylene
Concen: 26.444 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion:106 Resp: 276023
Ion Ratio Lower Upper
106 100
91 212.4 143.4 266.4





#54

o-Xylene

Concen: 24.829 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

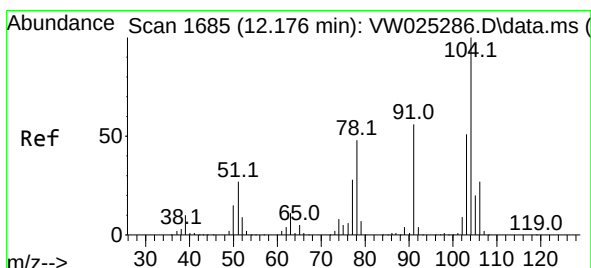
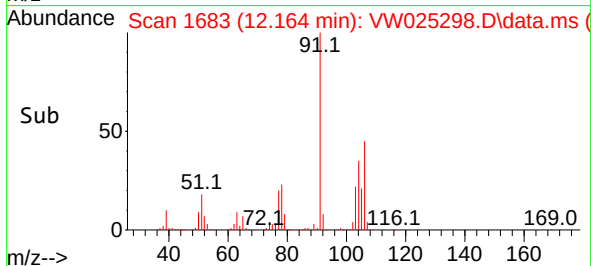
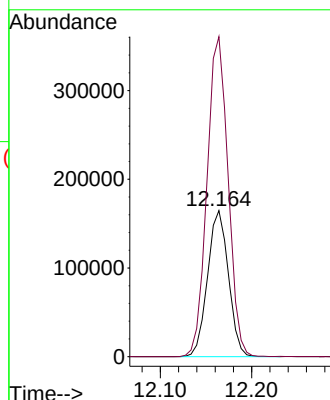
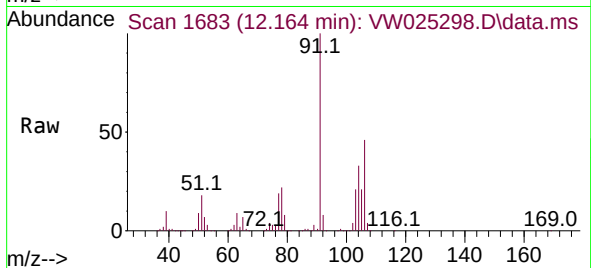
VSTD025529

Tgt Ion:106 Resp: 260895

Ion Ratio Lower Upper

106 100

91 219.1 157.6 292.8



#55

Styrene

Concen: 25.409 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025298.D

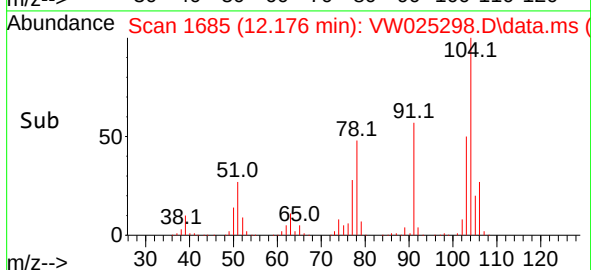
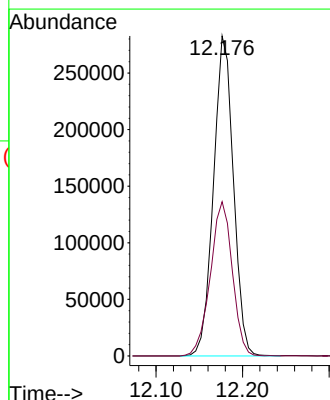
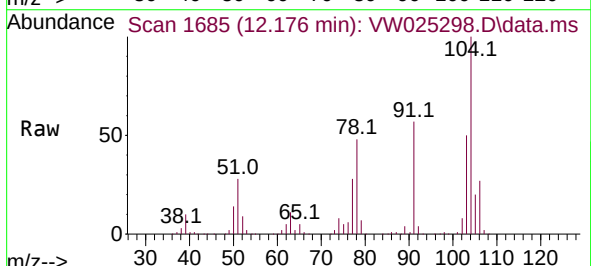
Acq: 06 Feb 2023 16:08

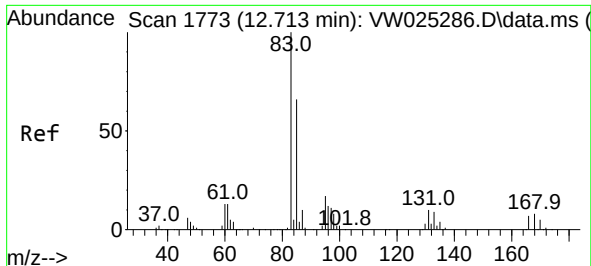
Tgt Ion:104 Resp: 452061

Ion Ratio Lower Upper

104 100

78 48.2 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 28.963 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

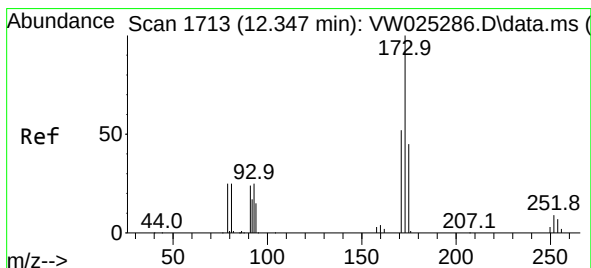
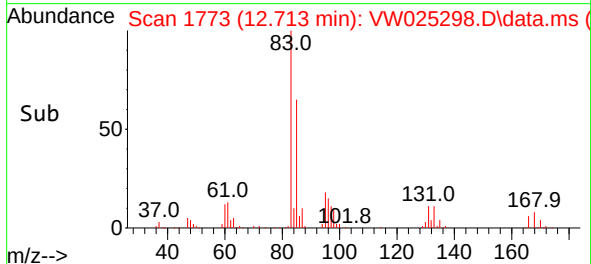
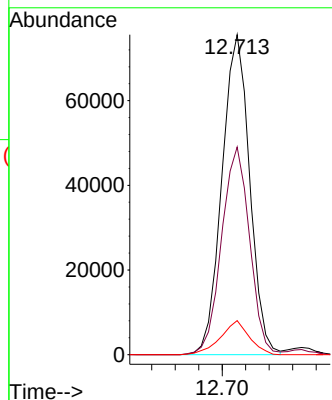
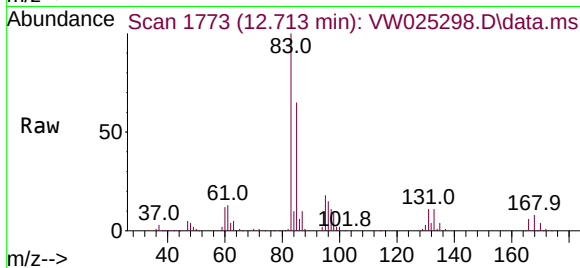
Tgt Ion: 83 Resp: 123992

Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

131 10.6 7.8 11.6



#59

Bromoform

Concen: 30.304 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

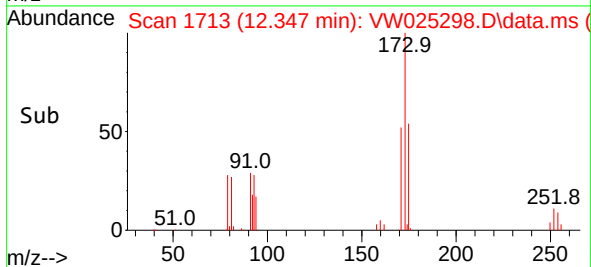
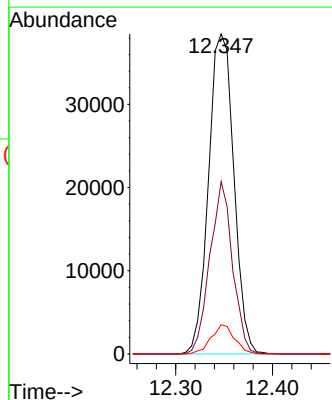
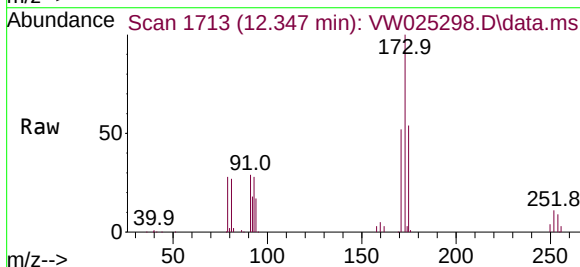
Tgt Ion: 173 Resp: 69985

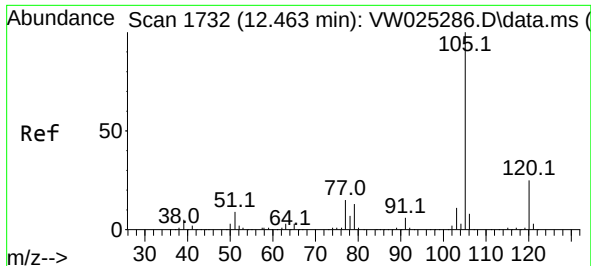
Ion Ratio Lower Upper

173 100

175 48.2 38.6 58.0

254 8.4 7.0 10.4

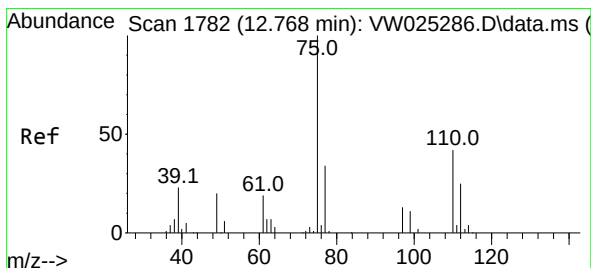
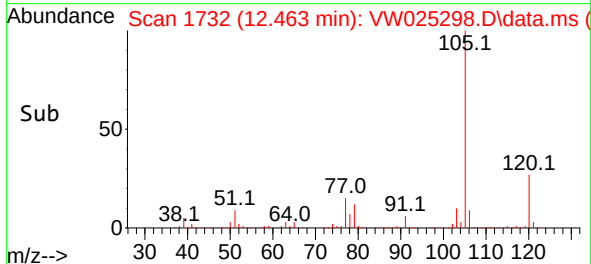
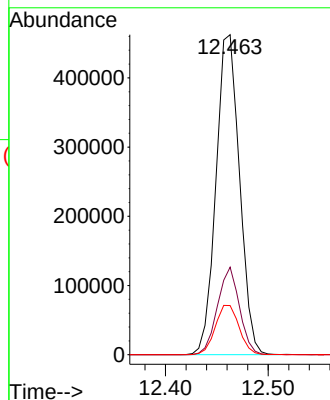
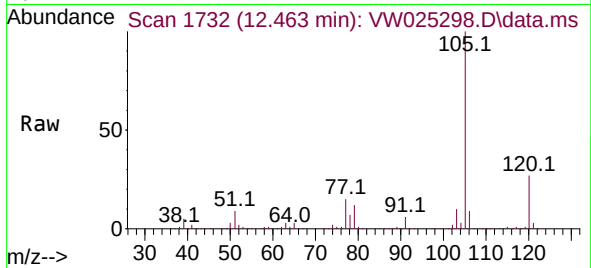




#60
Isopropylbenzene
Concen: 26.662 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

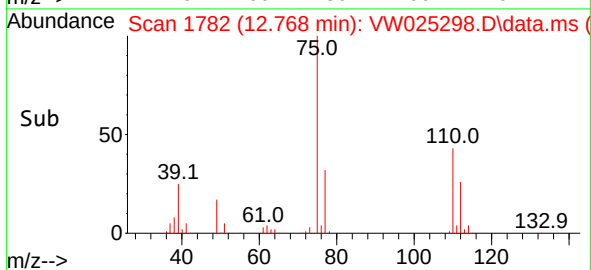
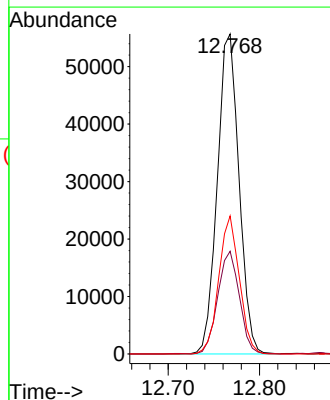
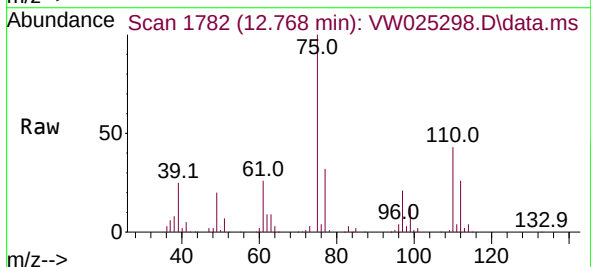
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

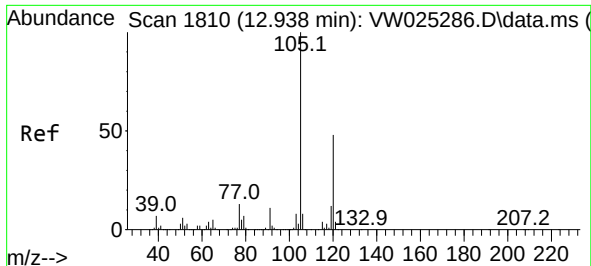
Tgt Ion:105 Resp: 735001
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 31.810 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion: 75 Resp: 92064
Ion Ratio Lower Upper
75 100
77 32.0 26.7 40.1
110 40.8 33.2 49.8

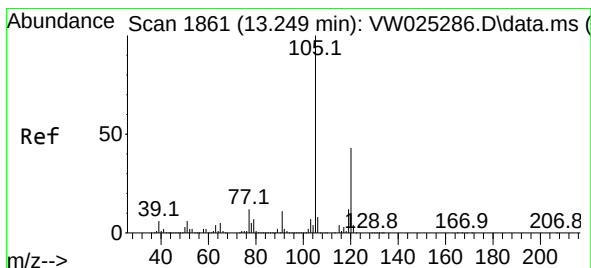
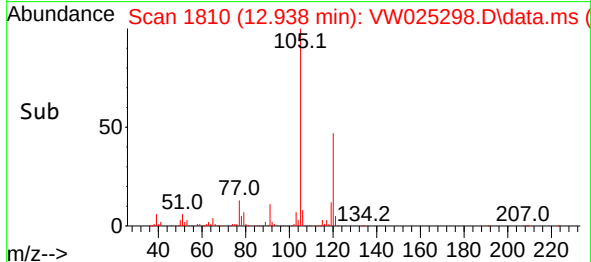
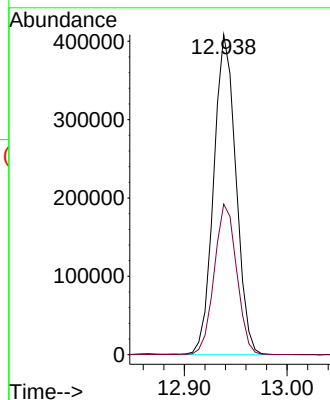
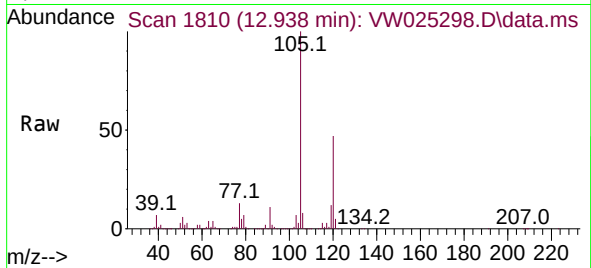




#62
1,3,5-Trimethylbenzene
Concen: 27.652 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

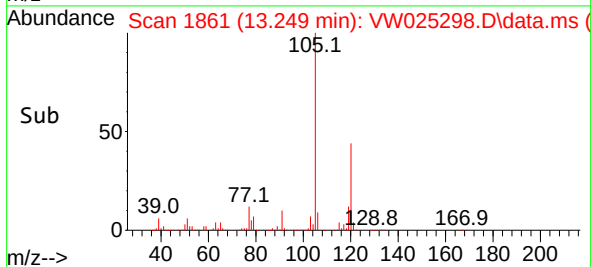
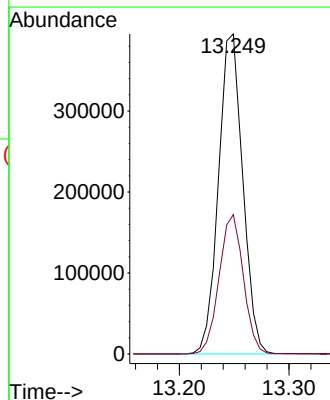
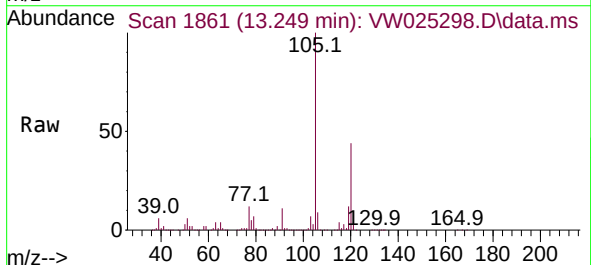
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

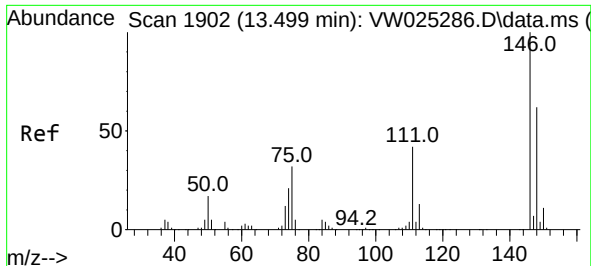
Tgt Ion:105 Resp: 614550
Ion Ratio Lower Upper
105 100
120 47.5 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 27.339 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion:105 Resp: 608803
Ion Ratio Lower Upper
105 100
120 43.4 35.0 52.4

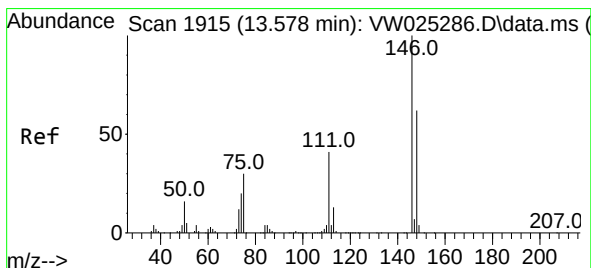
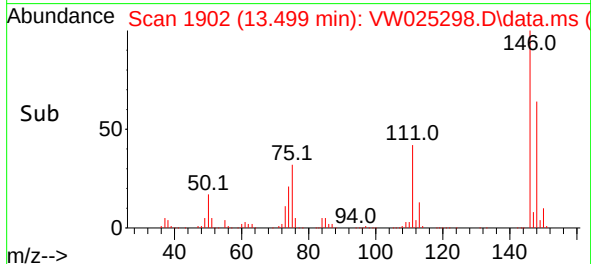
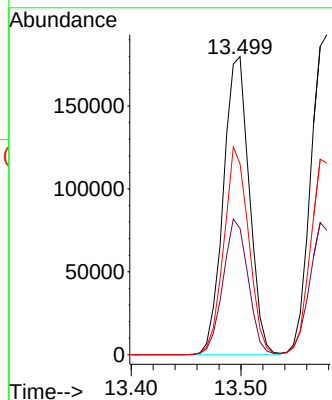
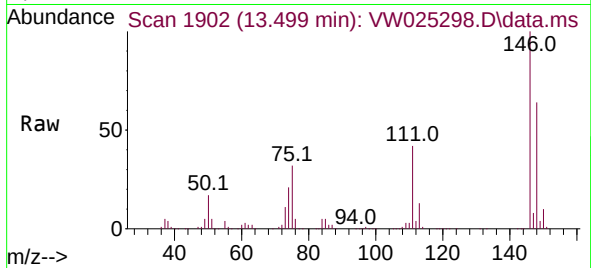




#64
1,3-Dichlorobenzene
Concen: 25.881 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

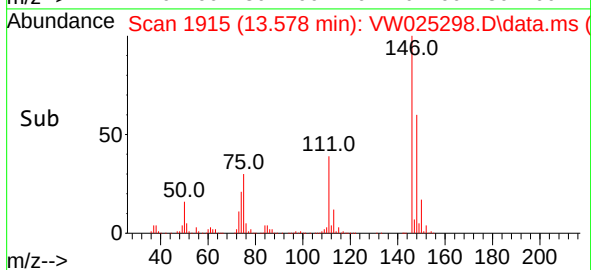
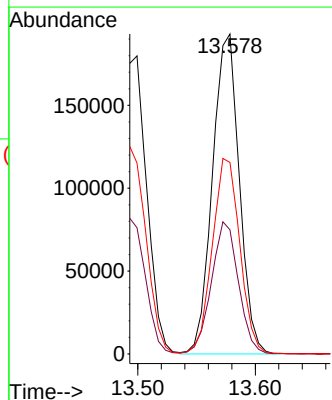
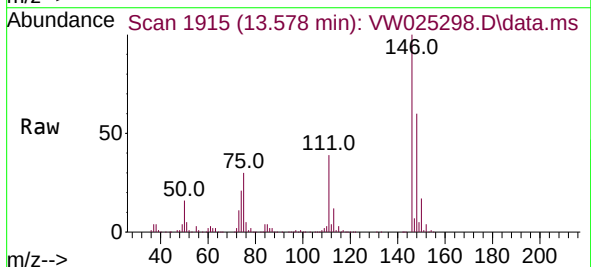
Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

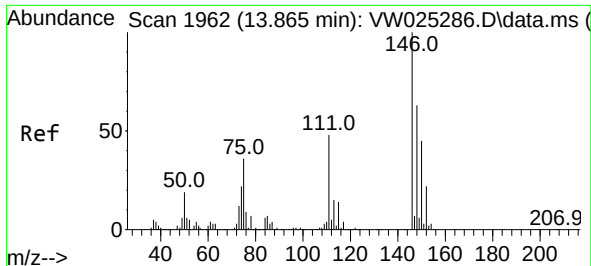
Tgt Ion:146 Resp: 295601
Ion Ratio Lower Upper
146 100
111 42.3 29.0 53.8
148 64.0 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 27.233 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025298.D
Acq: 06 Feb 2023 16:08

Tgt Ion:146 Resp: 306932
Ion Ratio Lower Upper
146 100
111 38.8 29.3 54.3
148 59.8 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 27.148 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

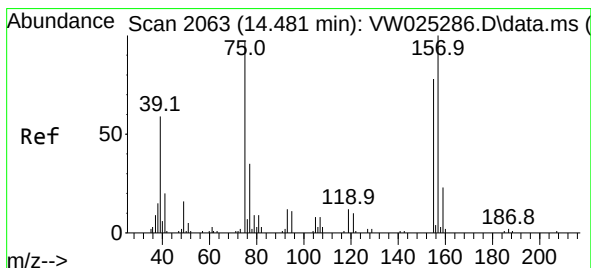
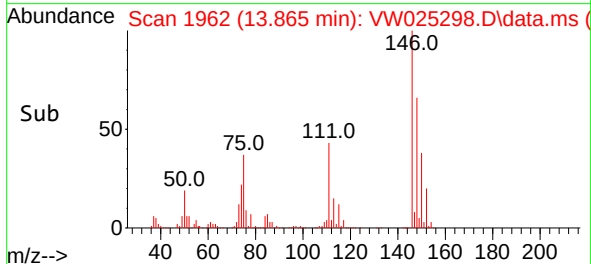
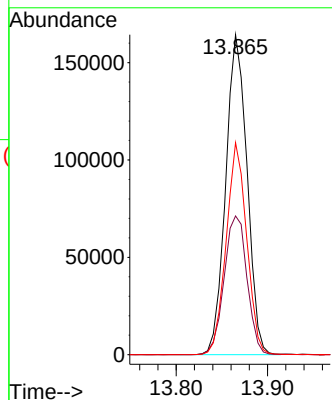
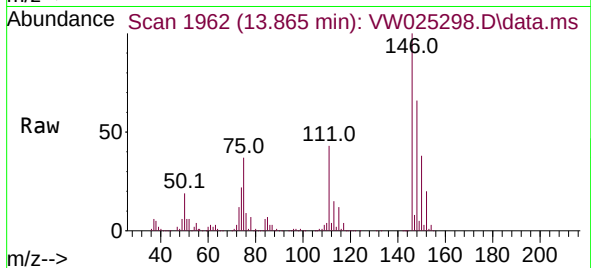
Tgt Ion:146 Resp: 267204

Ion Ratio Lower Upper

146 100

111 43.3 36.2 54.2

148 66.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 31.648 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

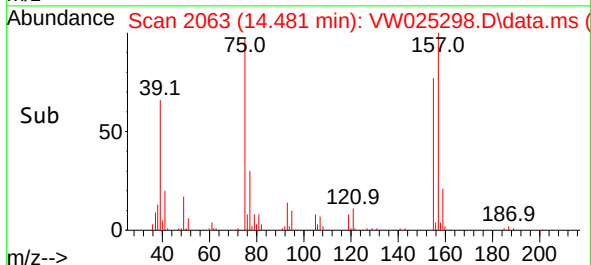
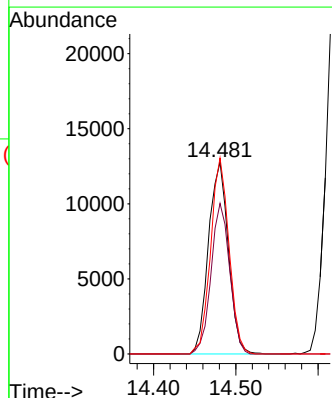
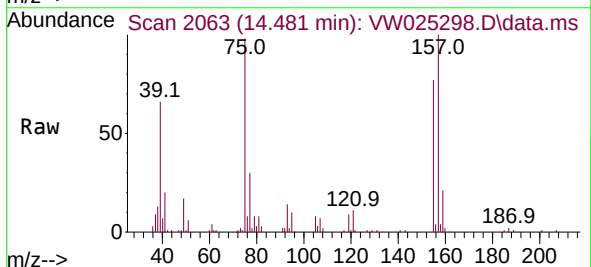
Tgt Ion: 75 Resp: 21393

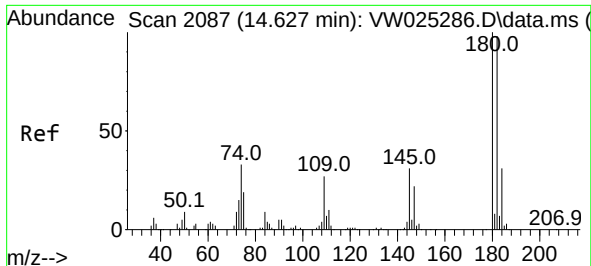
Ion Ratio Lower Upper

75 100

155 78.5 63.4 95.2

157 102.2 82.5 123.7

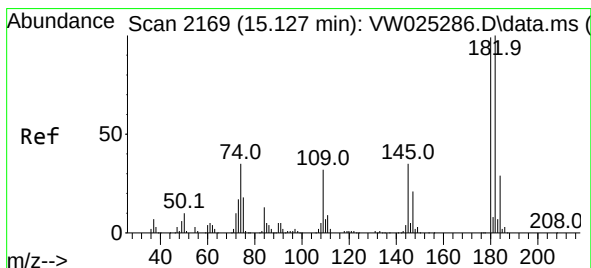
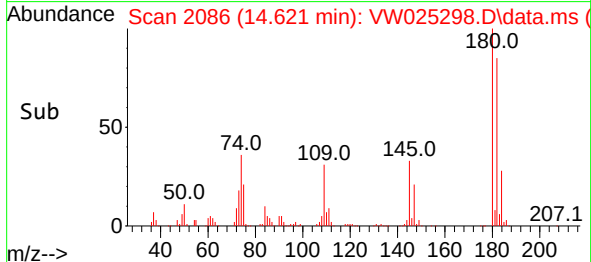
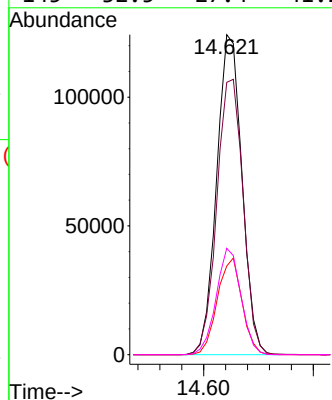
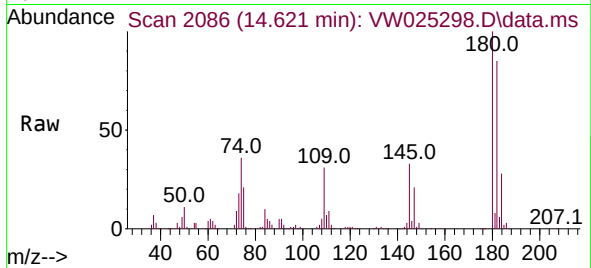




#69
 1,3,5-Trichlorobenzene
 Concen: 26.848 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

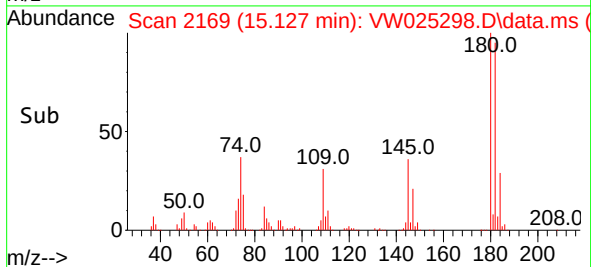
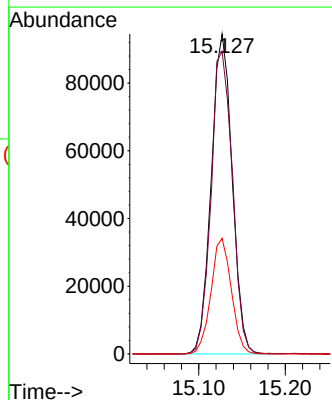
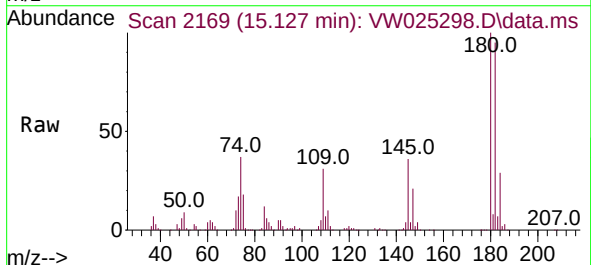
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

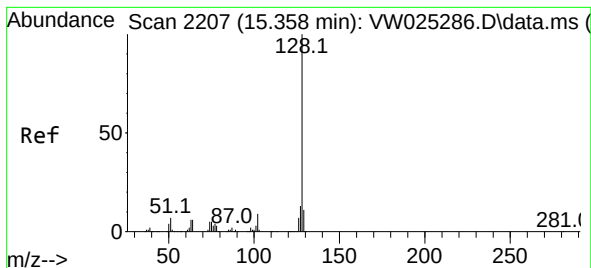
Tgt Ion:180	Resp:	199409
Ion Ratio	Lower	Upper
180	100	
182	89.4	77.7 116.5
184	29.5	24.4 36.6
145	32.5	27.4 41.2



#70
 1,2,4-trichlorobenzene
 Concen: 26.223 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025298.D
 Acq: 06 Feb 2023 16:08

Tgt Ion:180	Resp:	158594
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.4 114.6
145	35.2	27.4 41.2





#71

Naphthalene

Concen: 30.645 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025529

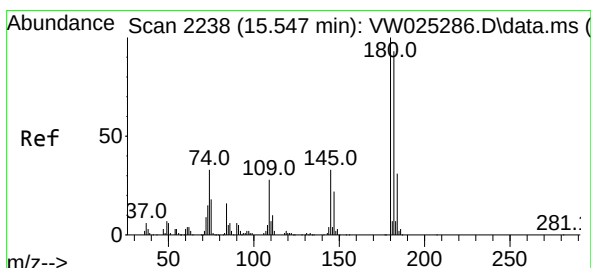
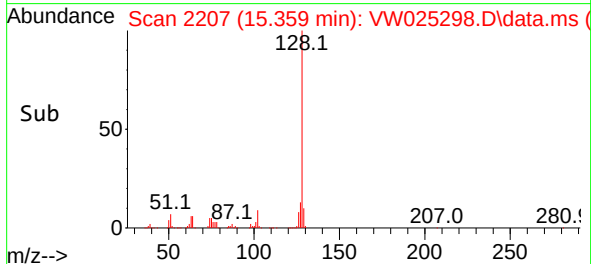
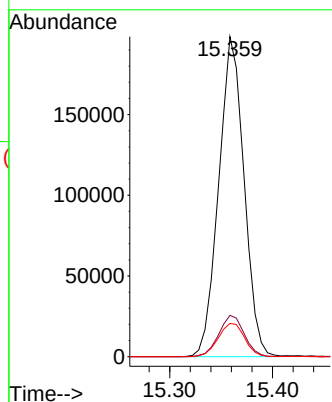
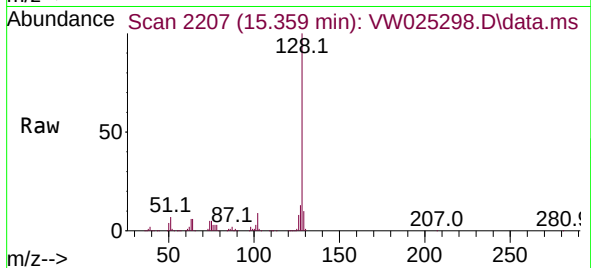
Tgt Ion:128 Resp: 338809

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.087 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025298.D

Acq: 06 Feb 2023 16:08

Tgt Ion:180 Resp: 140661

Ion Ratio Lower Upper

180 100

182 99.0 75.1 112.7

145 36.1 28.8 43.2

