

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020922\
 Data File : VW022079.D
 Acq On : 09 Feb 2022 11:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025557

Quant Time: Feb 10 04:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	141969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	135586	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39449	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
7) Chloroethane-d5	2.885	69	29538	22.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.019	63	66270	21.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.720%
21) 2-Butanone-d5	7.080	46	15269	50.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.680%
24) Chloroform-d	7.647	84	81274	24.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.305	65	40390	24.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.275	84	151586	22.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	9.275	67	41877	22.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.323	98	148003	21.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.579	79	18131	22.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.927	63	13751	50.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	37679	24.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	59512	22.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7770	23.497	ug/L	97
3) Chloromethane	2.215	50	34649	23.223	ug/L	98
5) Vinyl chloride	2.361	62	50788	23.701	ug/L	98
6) Bromomethane	2.782	94	31497	17.285	ug/L	97
8) Chloroethane	2.922	64	25748	23.383	ug/L	95
9) Trichlorofluoromethane	3.263	101	36597	22.622	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41775	24.373	ug/L	96
12) 1,1-Dichloroethene	4.038	96	36824	23.280	ug/L	96
13) Acetone	4.135	43	10923	38.559	ug/L	95
14) Carbon disulfide	4.379	76	98037	21.248	ug/L	99
15) Methyl Acetate	4.678	43	12312	23.768	ug/L #	89
16) Methylene chloride	4.916	84	38068	23.012	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	41327	23.429	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	55346	24.471	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	67172	24.579	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	44920	24.817	ug/L	99
22) 2-Butanone	7.171	43	16968	46.263	ug/L	98
23) Bromochloromethane	7.513	128	21609	24.245	ug/L	97
25) Chloroform	7.671	83	78452	25.362	ug/L	98

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 Response via : Initial Calibration

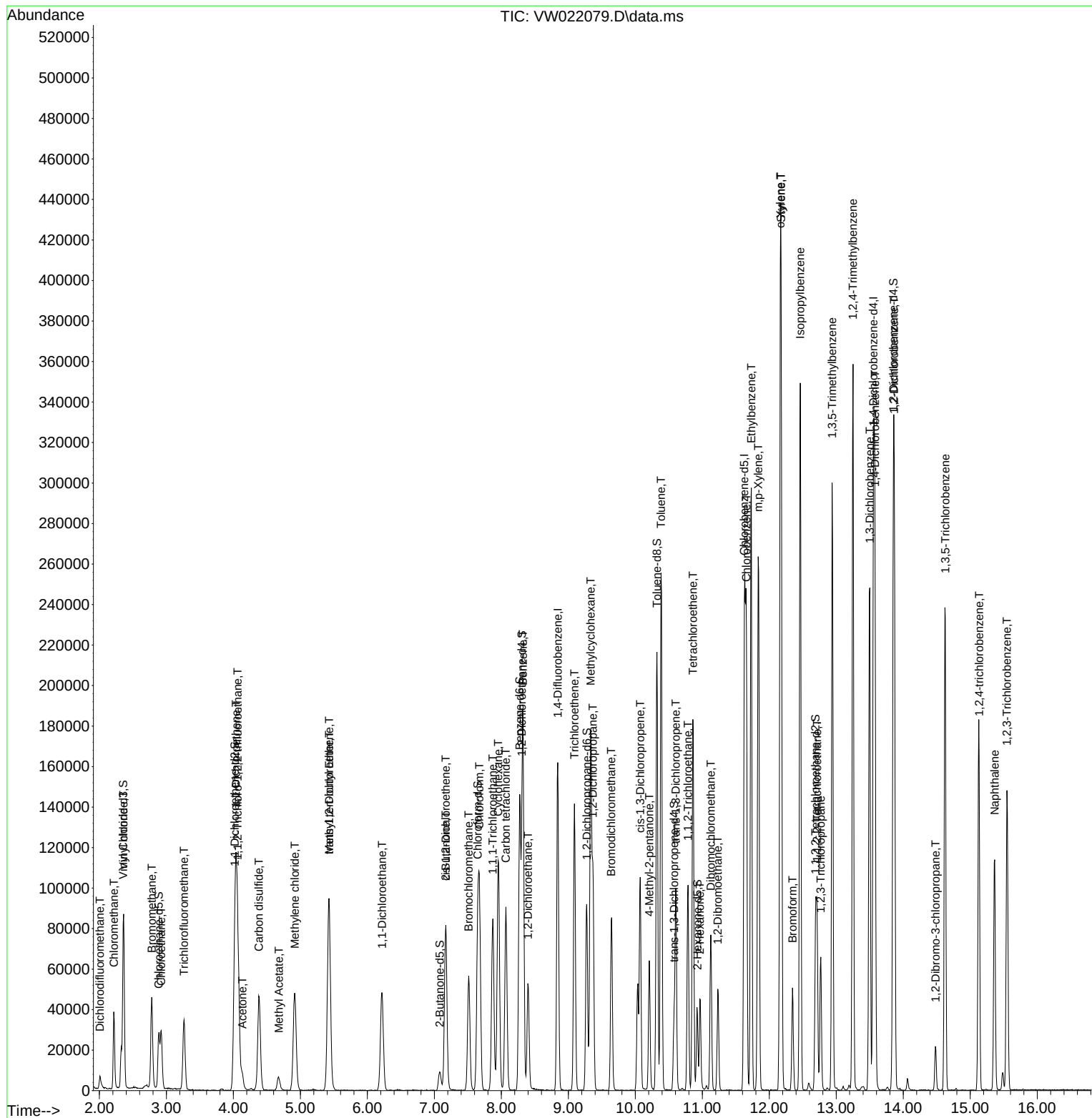
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	47204	25.924	ug/L	100
29) Cyclohexane	7.952	56	60069	22.569	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	68475	22.821	ug/L	98
31) Carbon tetrachloride	8.067	117	66589	22.673	ug/L	97
33) Benzene	8.324	78	165356	23.261	ug/L	100
34) Trichloroethene	9.092	95	46733	23.122	ug/L	95
35) Methylcyclohexane	9.336	83	75988	22.285	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37663	24.122	ug/L	99
38) Bromodichloromethane	9.640	83	55933	25.085	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	60344	24.097	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	36573	47.742	ug/L	99
42) Toluene	10.384	91	193514	24.015	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	53701	24.875	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	31909	24.045	ug/L	99
46) Tetrachloroethene	10.860	164	41347	21.947	ug/L	91
48) 2-Hexanone	10.963	43	27407	48.067	ug/L	99
49) Dibromochloromethane	11.128	129	40102	23.997	ug/L	99
50) 1,2-Dibromoethane	11.232	107	31225	23.765	ug/L	100
51) Chlorobenzene	11.658	112	128476	23.427	ug/L	98
52) Ethylbenzene	11.731	91	216148	24.311	ug/L	99
53) m,p-Xylene	11.835	106	88174	23.903	ug/L	89
54) o-Xylene	12.164	106	84761	24.563	ug/L	98
55) Styrene	12.177	104	141125	25.319	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	36603	25.340	ug/L	94
59) Bromoform	12.347	173	21169	21.946	ug/L #	94
60) Isopropylbenzene	12.463	105	232857	24.403	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26388	24.801	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	158130	24.987	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	193283	25.068	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	109386	23.926	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	105566	23.068	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	95766	23.568	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5394	24.918	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	75378	22.932	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	56697	21.715	ug/L	98
71) Naphthalene	15.365	128	101297	23.780	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	50589	22.669	ug/L	95

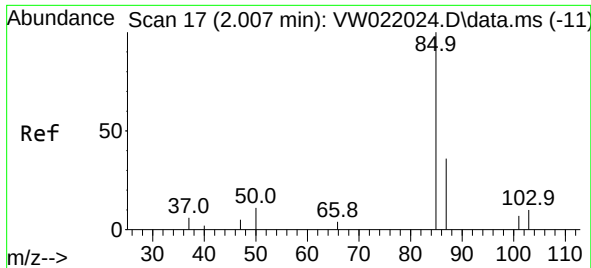
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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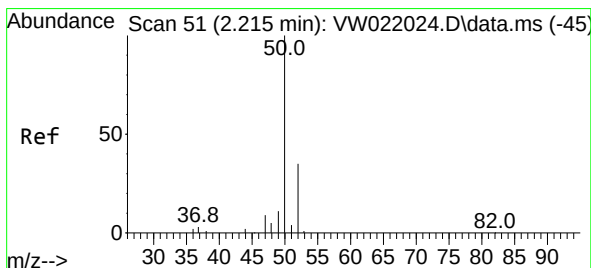
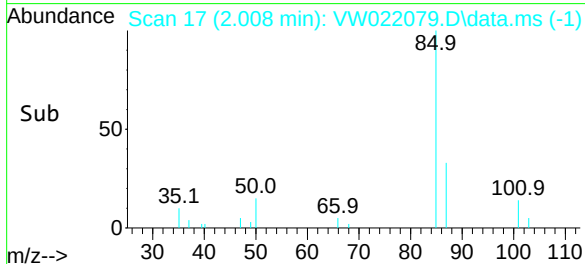
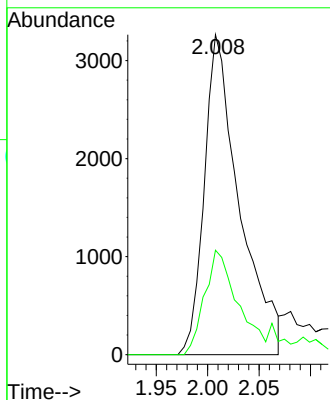
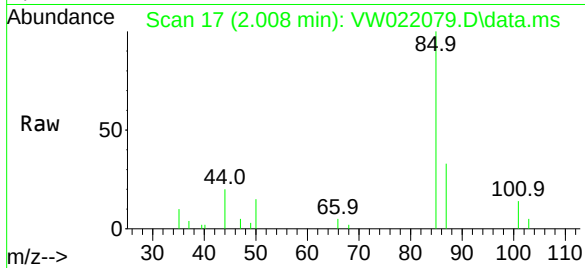




#2
 Dichlorodifluoromethane
 Concen: 23.497 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

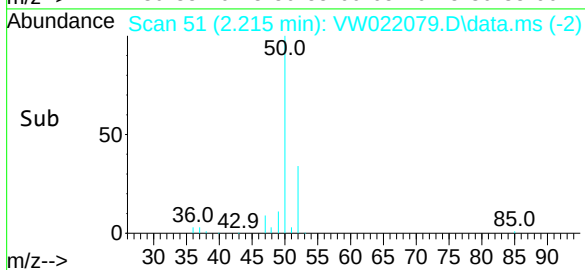
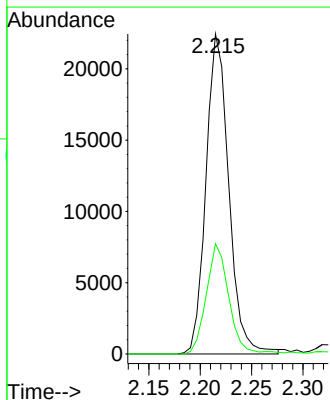
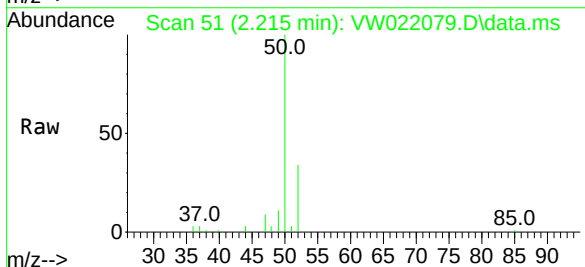
Instrument :
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 ClientSampleId :
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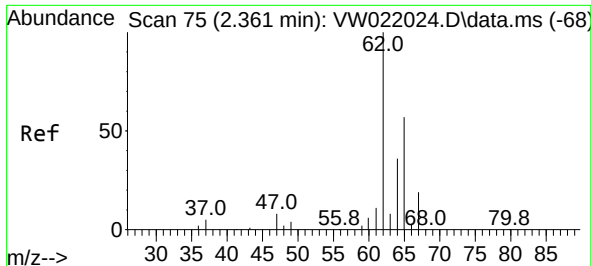
Tgt Ion: 85 Resp: 7770
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.2 39.4



#3
 Chloromethane
 Concen: 23.223 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

Tgt Ion: 50 Resp: 34649
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.3 43.3

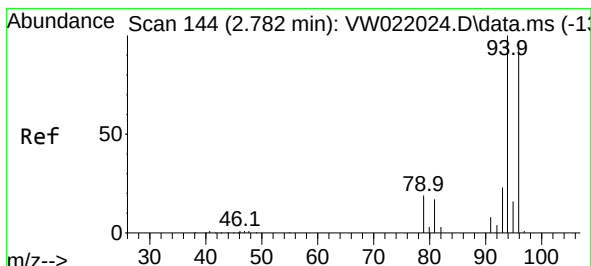
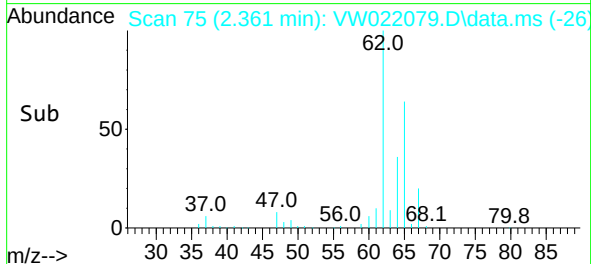
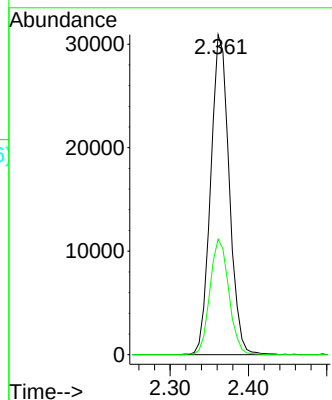
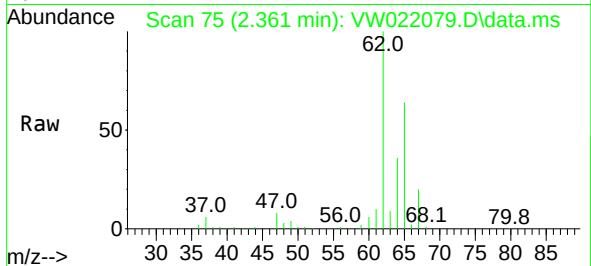




#5
 Vinyl chloride
 Concen: 23.701 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

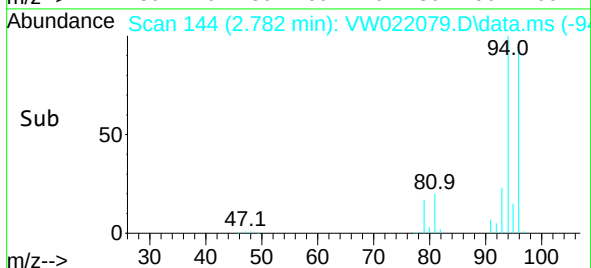
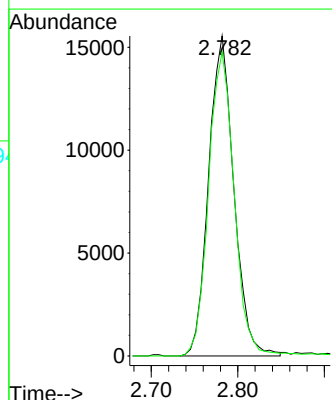
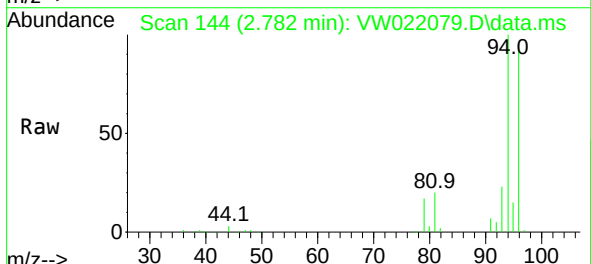
Instrument :
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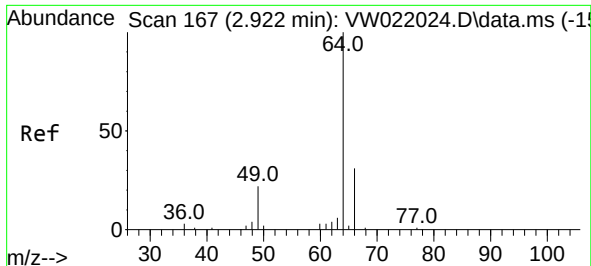
Tgt Ion: 62 Resp: 50788
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.6 45.6



#6
 Bromomethane
 Concen: 17.285 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

Tgt Ion: 94 Resp: 31497
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.6 120.0

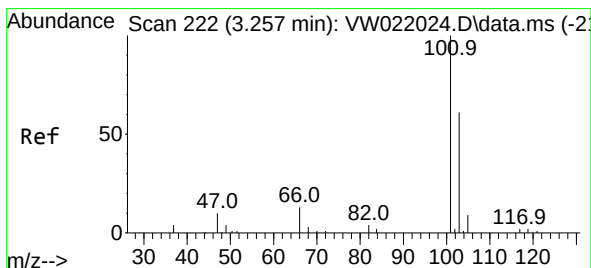
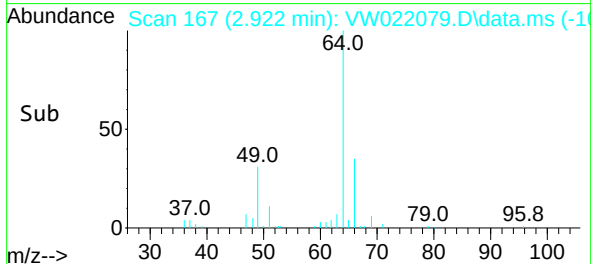
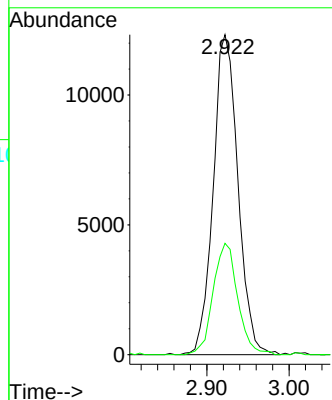
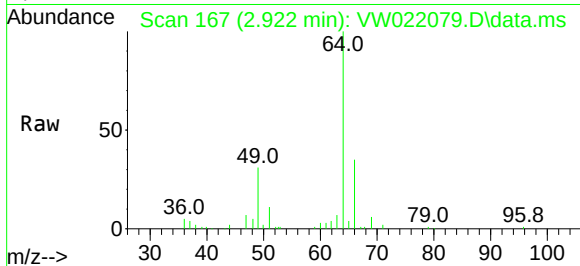




#8
Chloroethane
Concen: 23.383 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

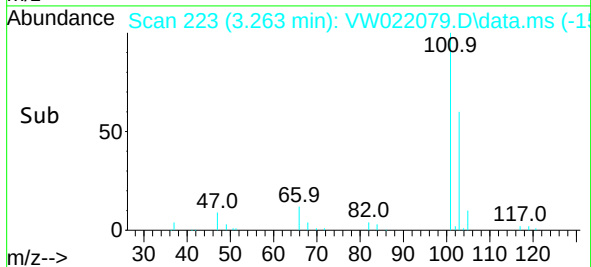
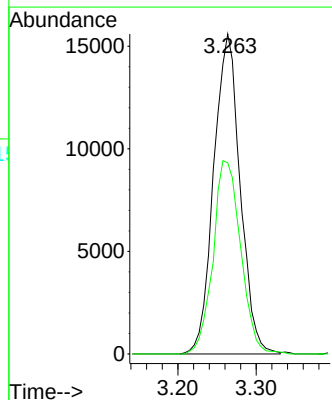
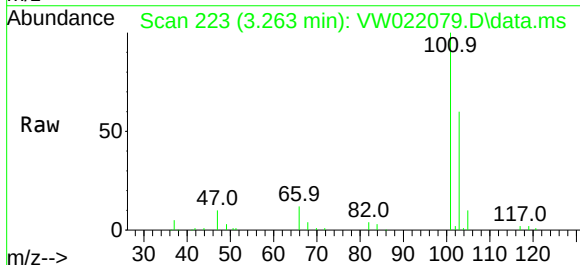
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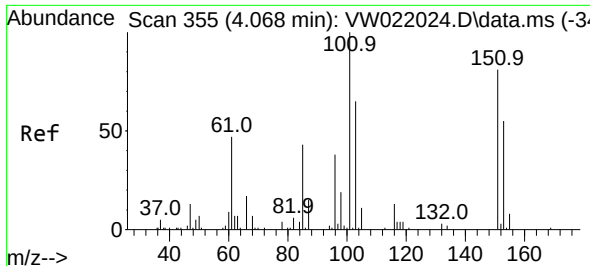
Tgt Ion: 64 Resp: 25748
Ion Ratio Lower Upper
64 100
66 34.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.622 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion:101 Resp: 36597
Ion Ratio Lower Upper
101 100
103 63.0 52.9 79.3

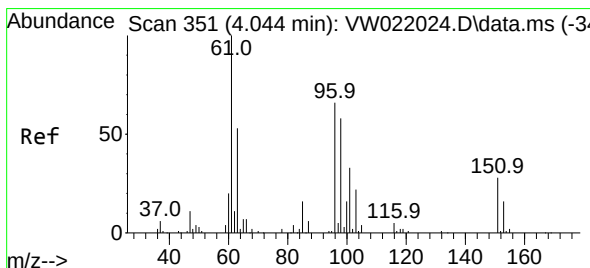
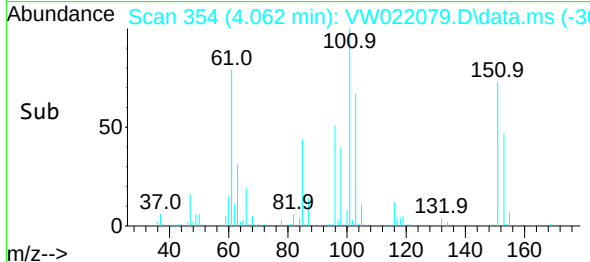
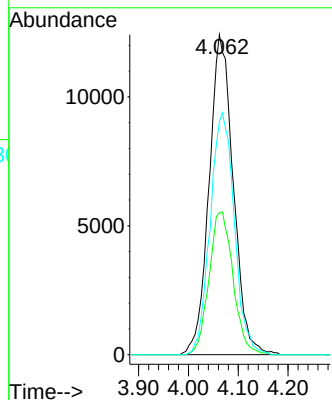
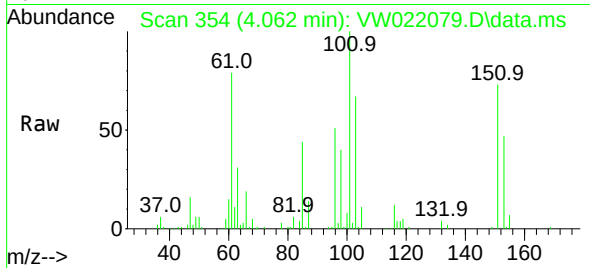




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.373 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

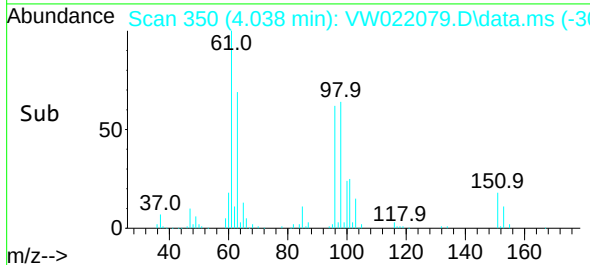
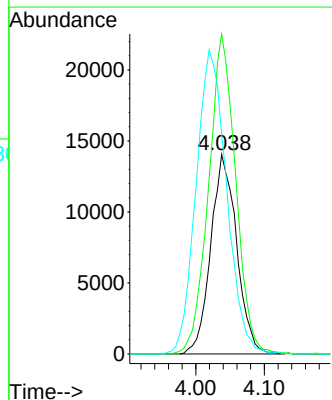
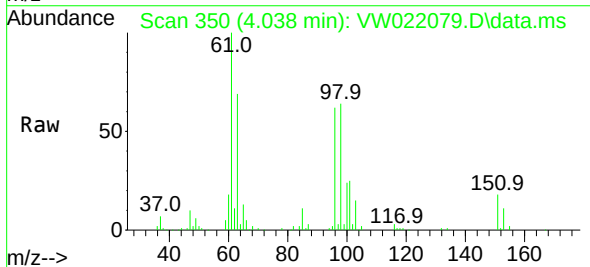
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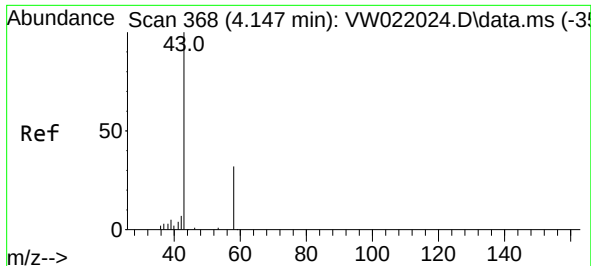
Tgt Ion:101 Resp: 41775
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.8 55.2
 151 75.7 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 23.280 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022079.D
 Acq: 09 Feb 2022 11:15

Tgt Ion: 96 Resp: 36824
 Ion Ratio Lower Upper
 96 100
 61 160.4 111.5 207.1
 63 110.0 83.1 154.3





#13

Acetone

Concen: 38.559 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

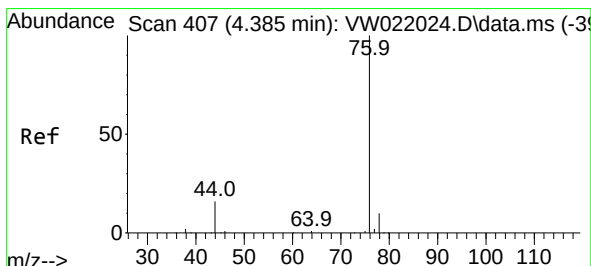
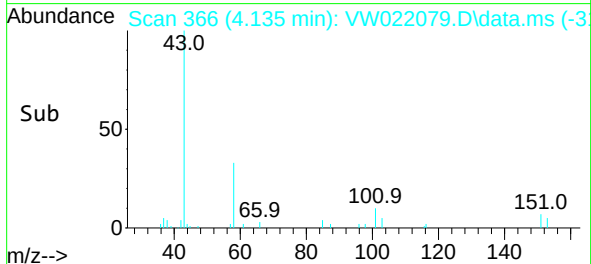
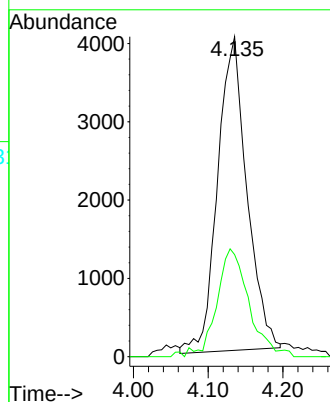
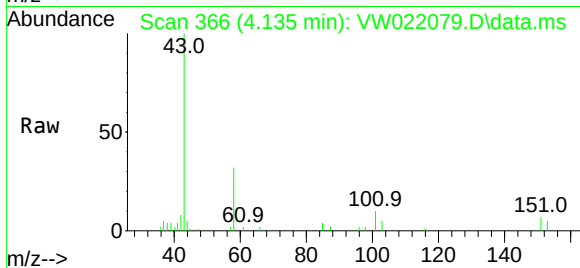
VSTD025557

Tgt Ion: 43 Resp: 10923

Ion Ratio Lower Upper

43 100

58 35.6 0.0 66.0



#14

Carbon disulfide

Concen: 21.248 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022079.D

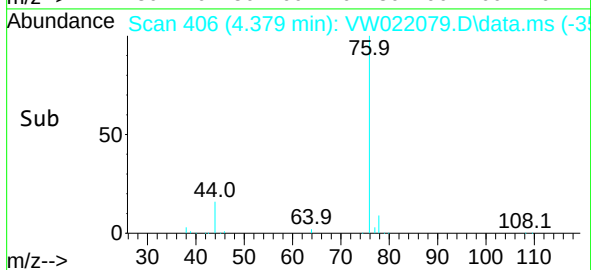
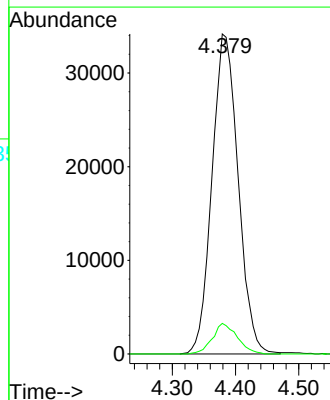
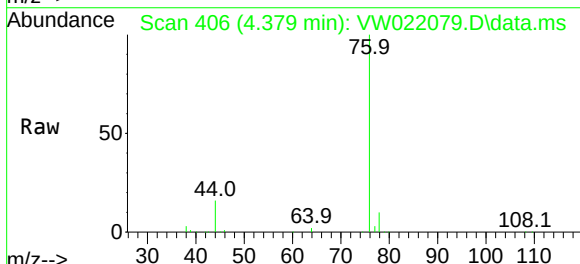
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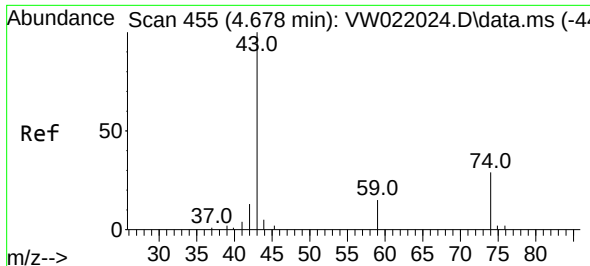
Tgt Ion: 76 Resp: 98037

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

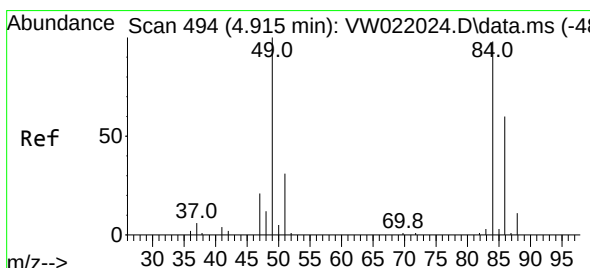
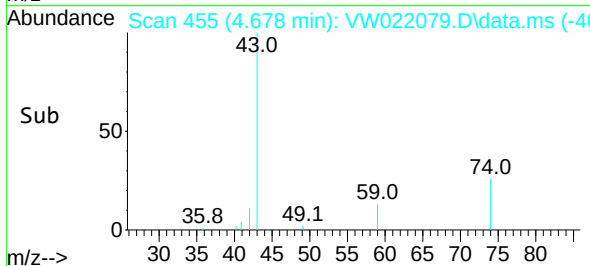
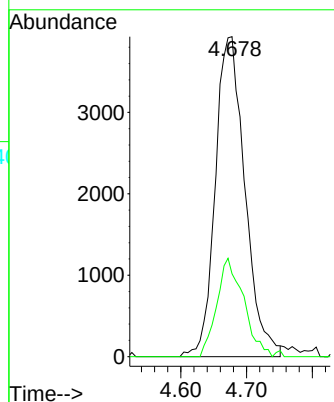
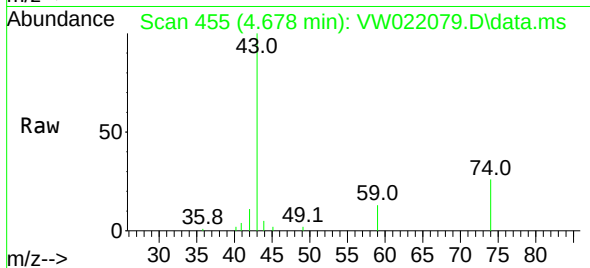




#15
Methyl Acetate
Concen: 23.768 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

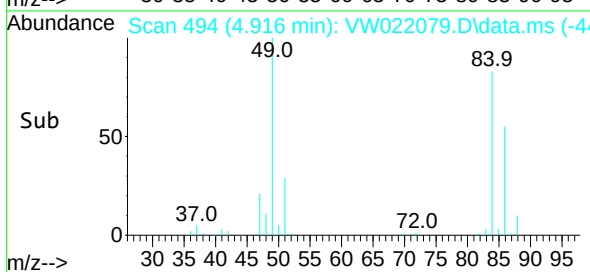
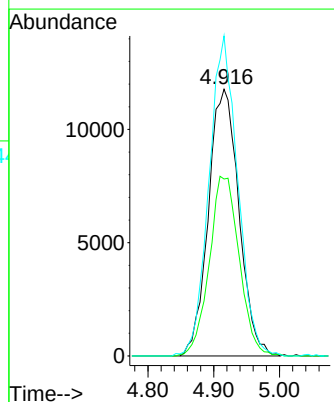
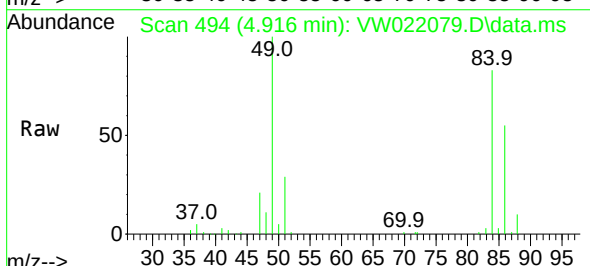
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

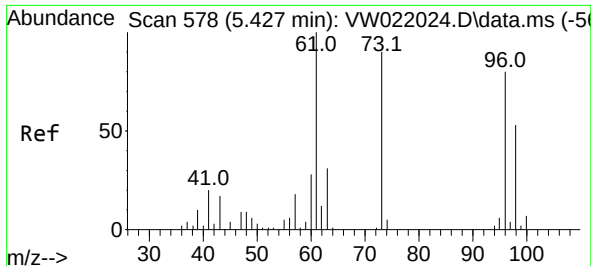
Tgt Ion: 43 Resp: 12312
Ion Ratio Lower Upper
43 100
74 27.8 18.0 27.0#



#16
Methylene chloride
Concen: 23.012 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 84 Resp: 38068
Ion Ratio Lower Upper
84 100
86 66.3 44.1 81.9
49 120.0 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 23.429 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

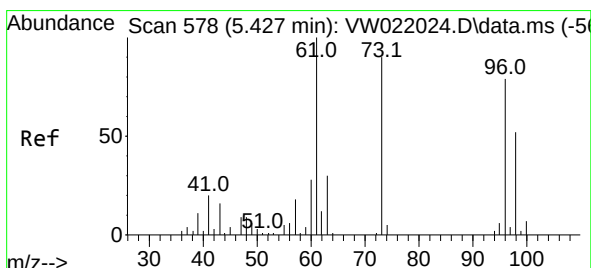
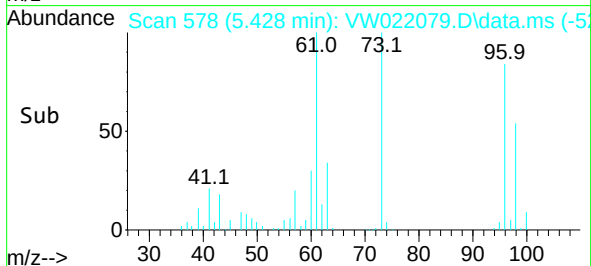
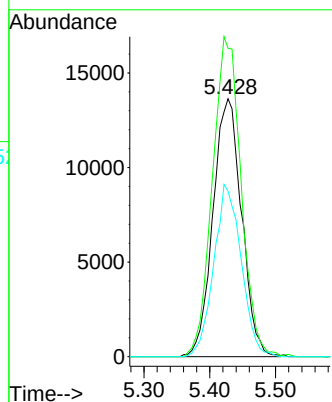
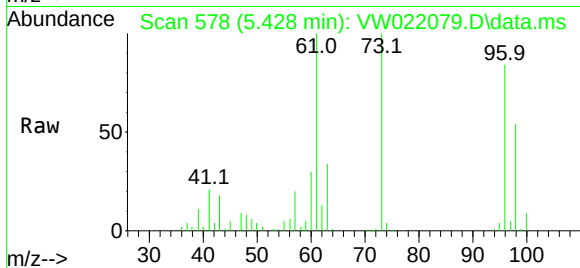
Tgt Ion: 96 Resp: 41327

Ion Ratio Lower Upper

96 100

61 119.6 84.3 156.5

98 64.1 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.471 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

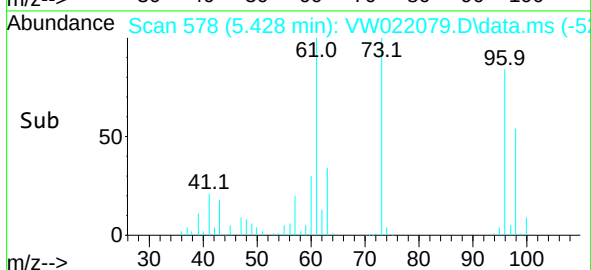
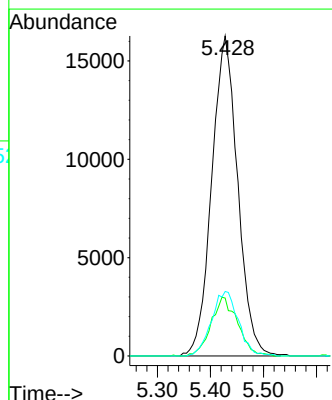
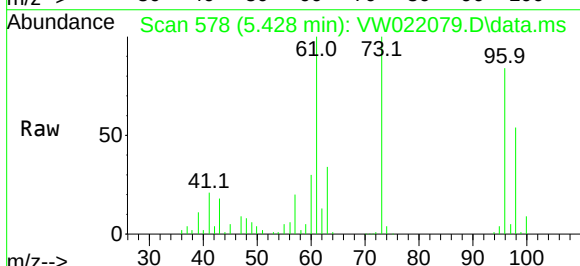
Tgt Ion: 73 Resp: 55346

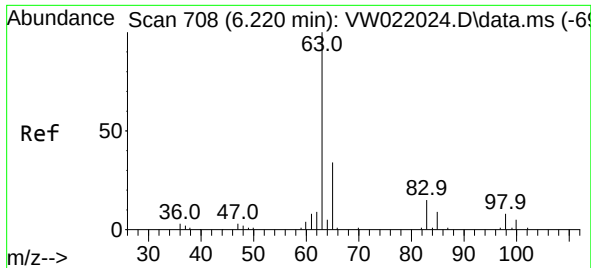
Ion Ratio Lower Upper

73 100

43 13.7 15.3 22.9#

57 20.9 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.579 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

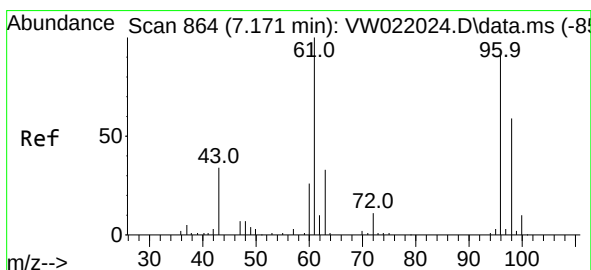
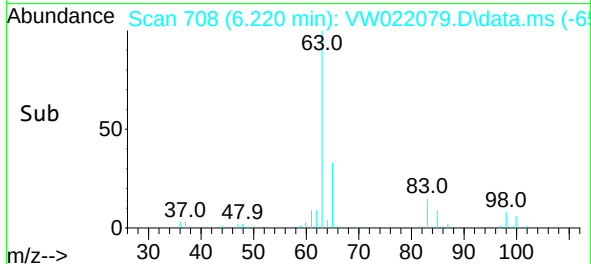
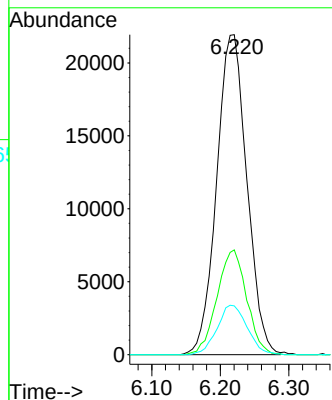
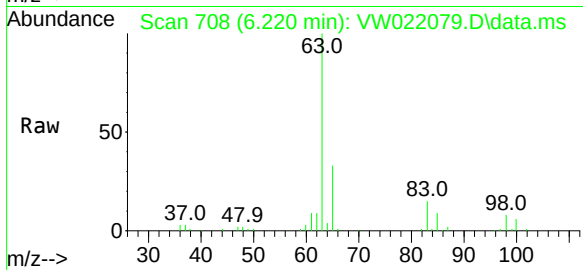
Tgt Ion: 63 Resp: 67172

Ion Ratio Lower Upper

63 100

65 32.7 20.9 38.7

83 15.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.817 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

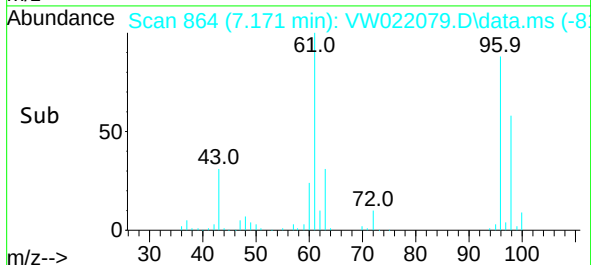
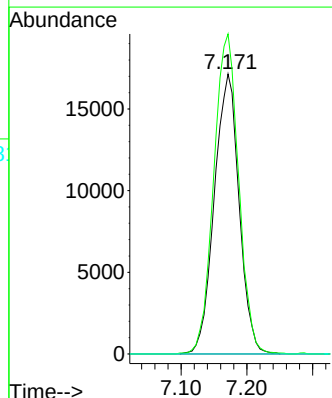
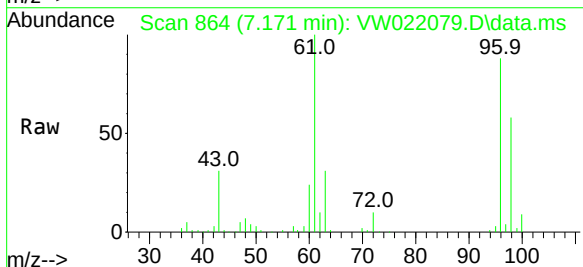
Tgt Ion: 96 Resp: 44920

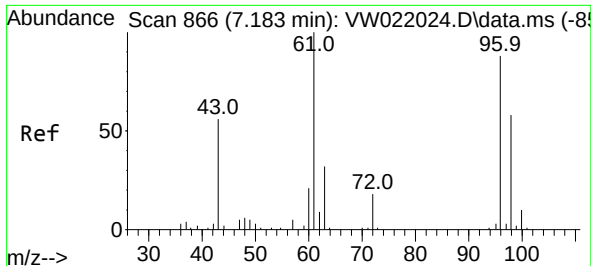
Ion Ratio Lower Upper

96 100

61 114.3 79.0 146.8

68 0.0 0.0 0.0

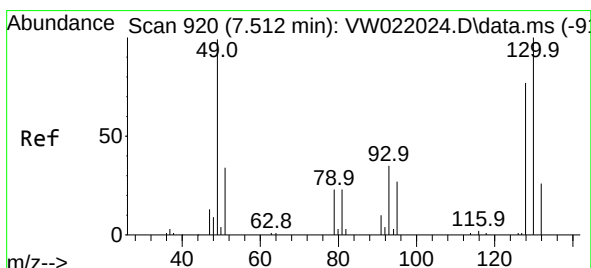
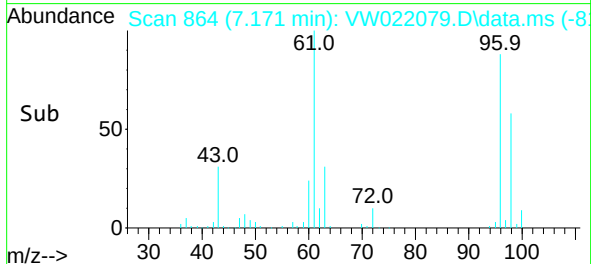
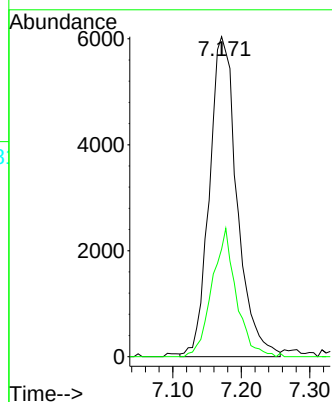
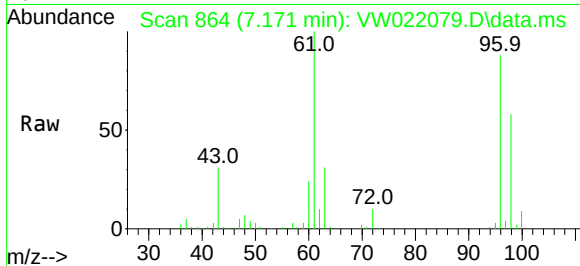




#22
2-Butanone
Concen: 46.263 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

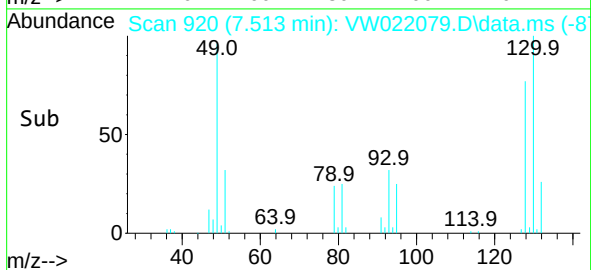
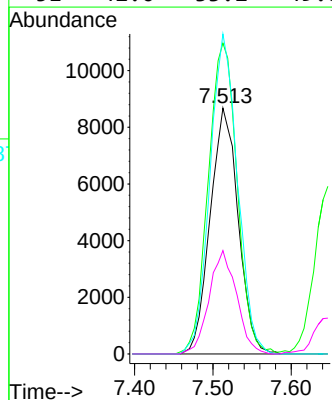
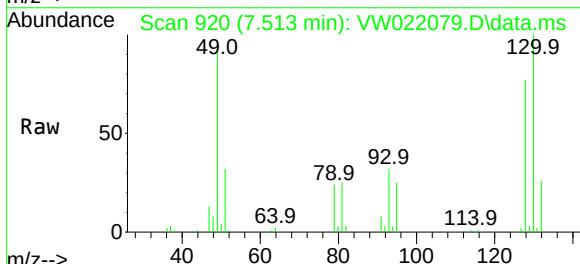
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

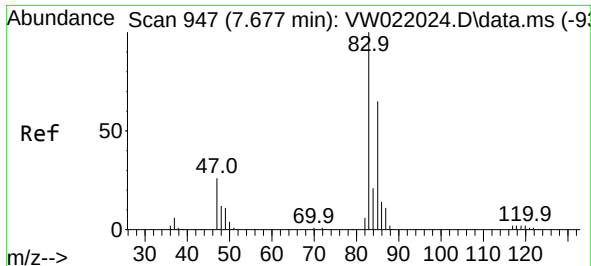
Tgt Ion: 43 Resp: 16968
Ion Ratio Lower Upper
43 100
72 35.0 16.8 50.4



#23
Bromochloromethane
Concen: 24.245 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 128 Resp: 21609
Ion Ratio Lower Upper
128 100
49 126.4 92.7 172.3
130 130.1 92.5 171.7
51 42.0 33.2 49.8

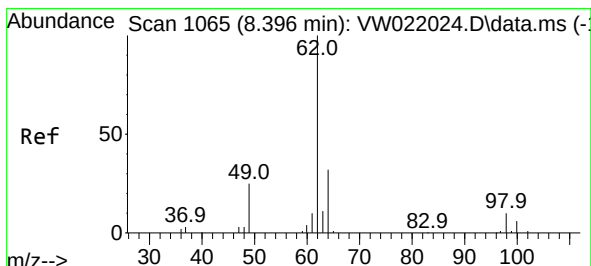
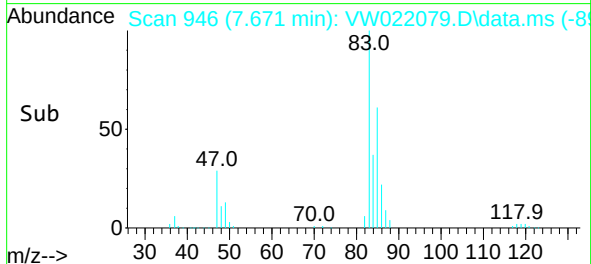
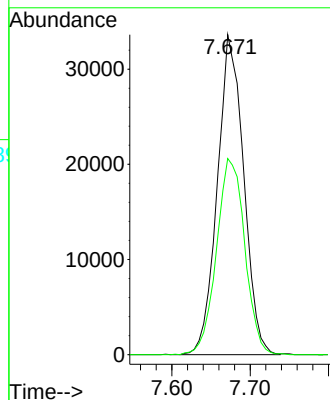
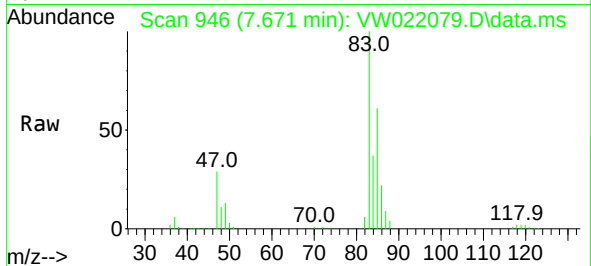




#25
Chloroform
Concen: 25.362 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

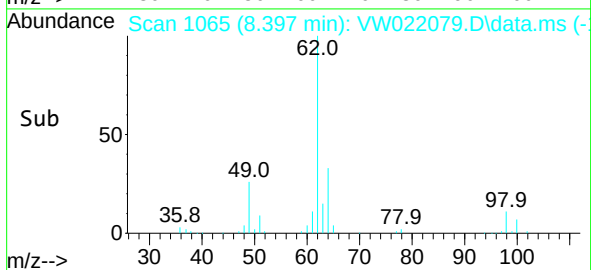
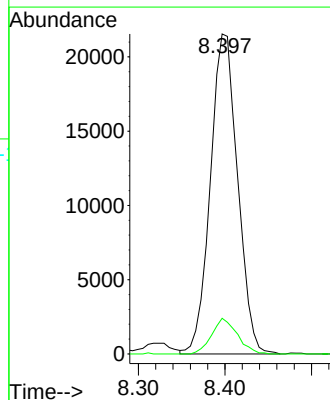
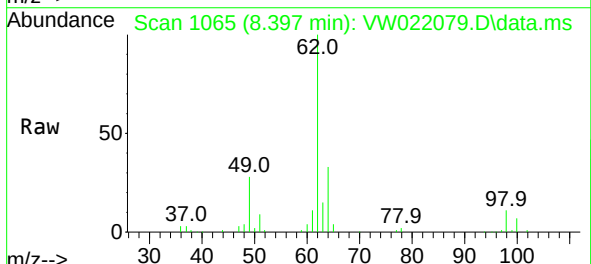
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

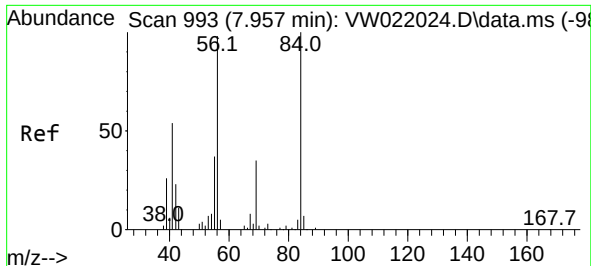
Tgt Ion: 83 Resp: 78452
Ion Ratio Lower Upper
83 100
85 61.3 44.2 82.2



#27
1,2-Dichloroethane
Concen: 25.924 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 62 Resp: 47204
Ion Ratio Lower Upper
62 100
98 11.1 8.8 13.2





#29

Cyclohexane

Concen: 22.569 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW022079.D

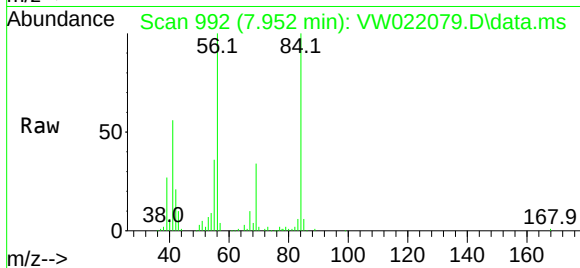
Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557



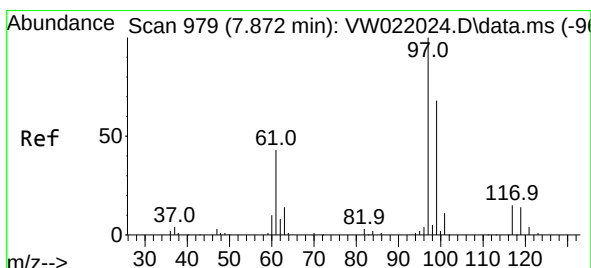
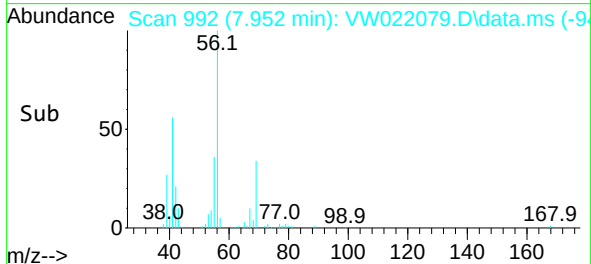
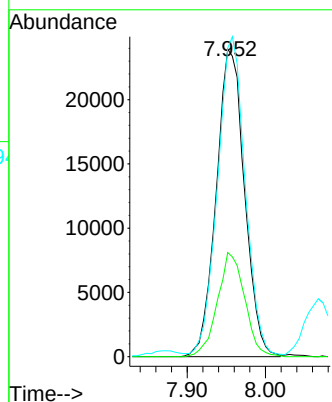
Tgt Ion: 56 Resp: 60069

Ion Ratio Lower Upper

56 100

69 32.6 26.3 39.5

84 102.4 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 22.821 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

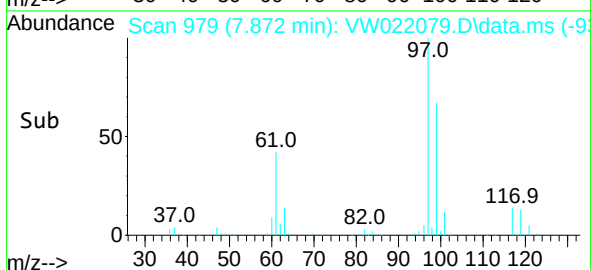
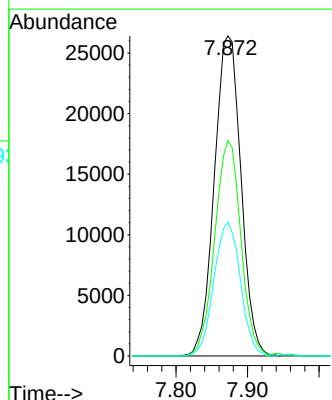
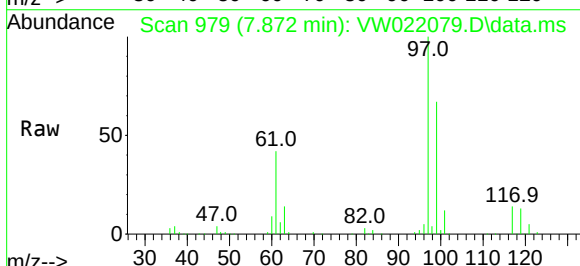
Tgt Ion: 97 Resp: 68475

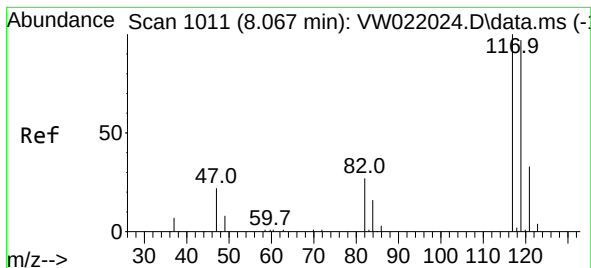
Ion Ratio Lower Upper

97 100

99 65.9 51.6 77.4

61 41.4 32.3 48.5





#31

Carbon tetrachloride

Concen: 22.673 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

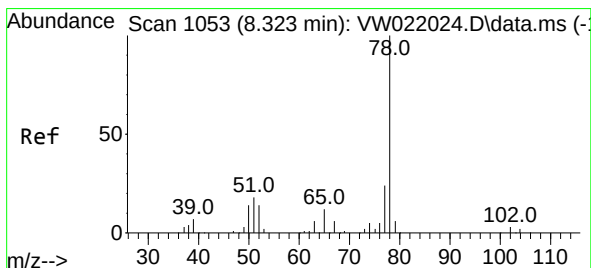
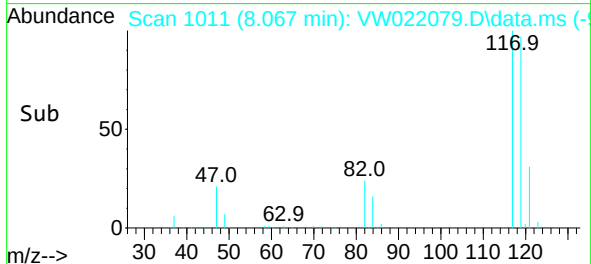
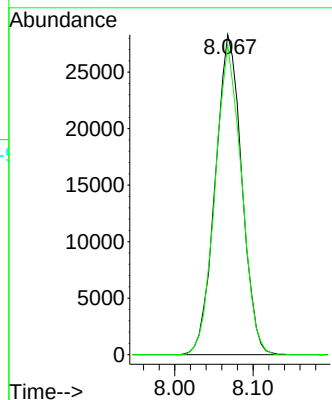
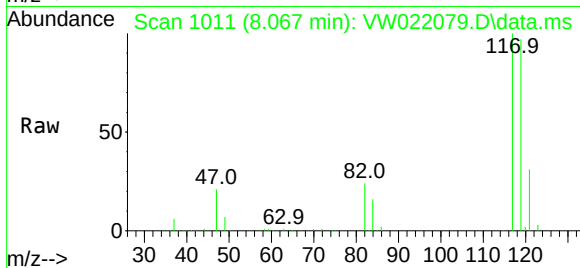
VSTD025557

Tgt Ion:117 Resp: 66589

Ion Ratio Lower Upper

117 100

119 96.4 74.7 112.1



#33

Benzene

Concen: 23.261 ug/L

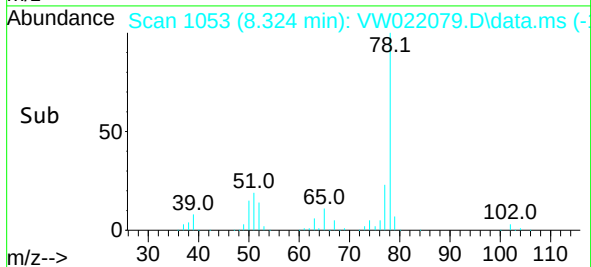
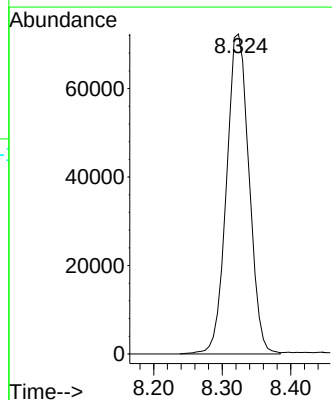
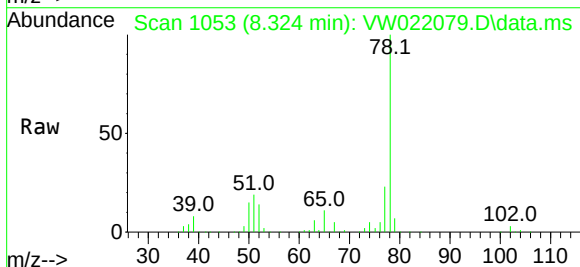
RT: 8.324 min Scan# 1053

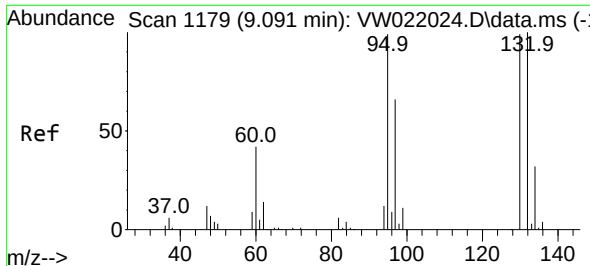
Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

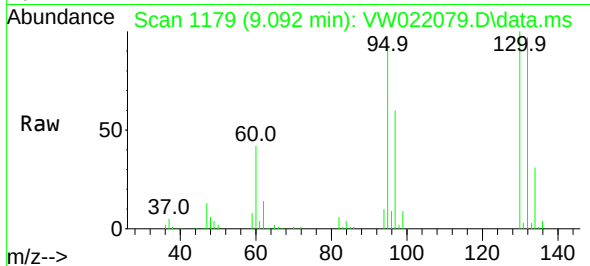
Tgt Ion: 78 Resp: 165356





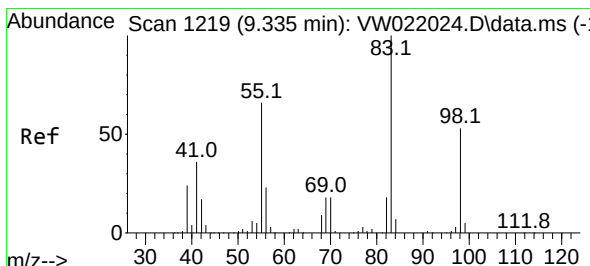
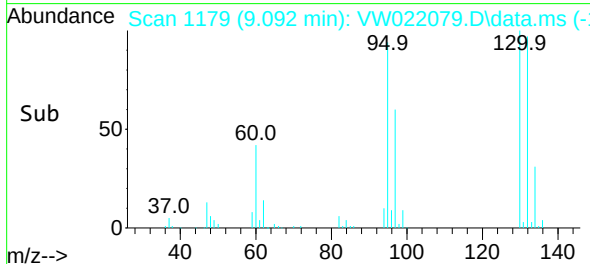
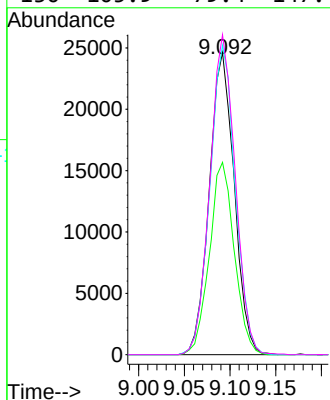
#34
Trichloroethene
Concen: 23.122 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025557



Tgt Ion: 95 Resp: 46733

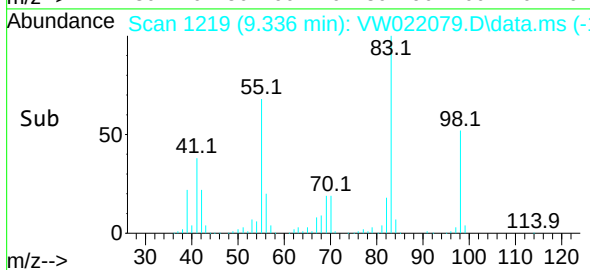
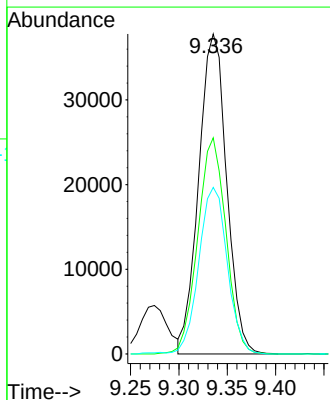
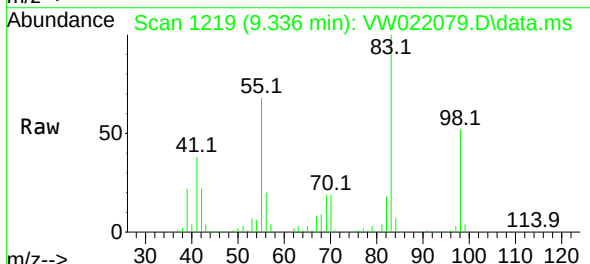
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.1	83.7
132	102.4	76.1	141.3
130	105.9	79.4	147.4

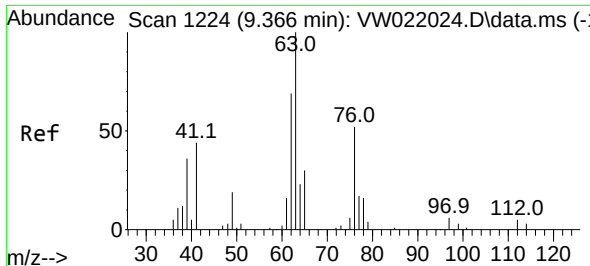


#35
Methylcyclohexane
Concen: 22.285 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 83 Resp: 75988

Ion	Ratio	Lower	Upper
83	100		
55	68.0	53.4	80.2
98	53.0	42.6	63.8





#37

1,2-Dichloropropane

Concen: 24.122 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

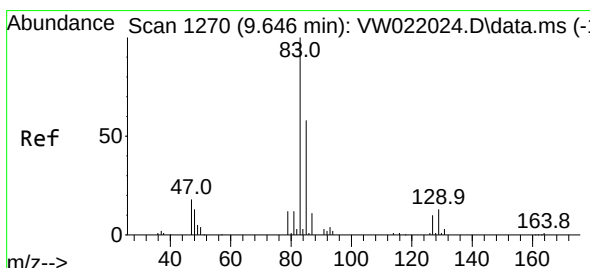
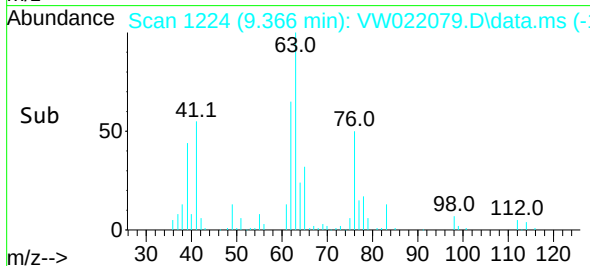
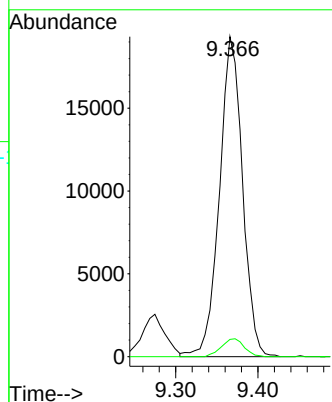
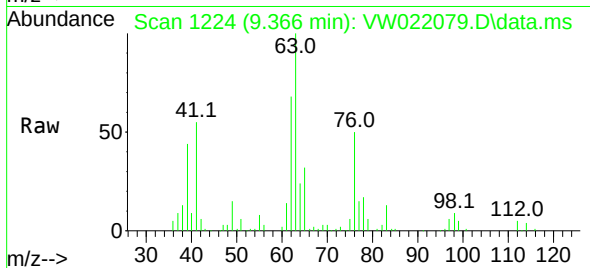
VSTD025557

Tgt Ion: 63 Resp: 37663

Ion Ratio Lower Upper

63 100

112 5.5 4.7 7.1



#38

Bromodichloromethane

Concen: 25.085 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

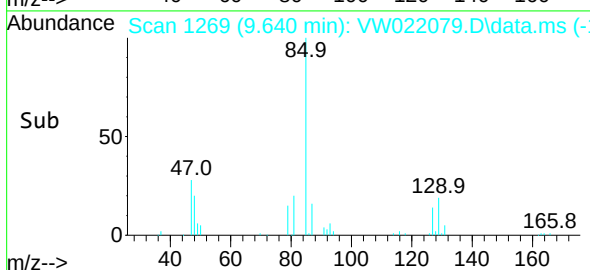
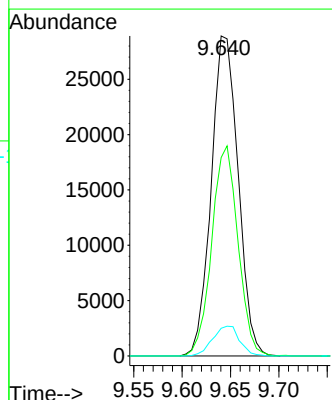
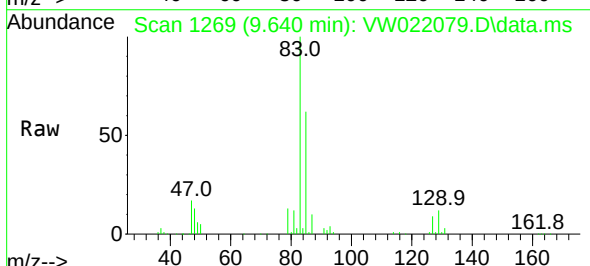
Tgt Ion: 83 Resp: 55933

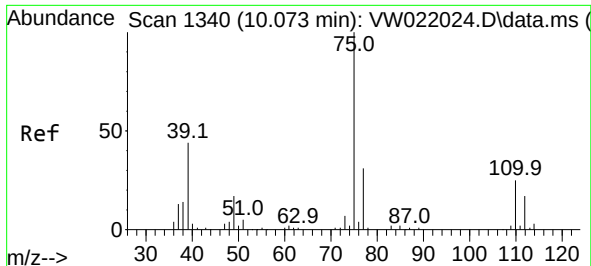
Ion Ratio Lower Upper

83 100

85 62.0 44.7 83.1

127 8.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 24.097 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

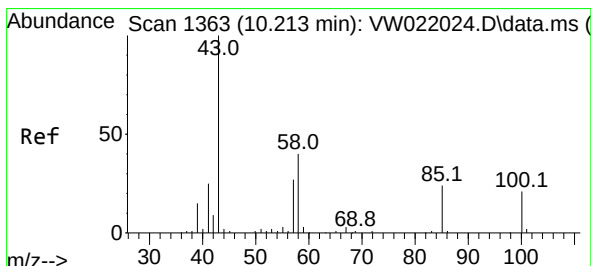
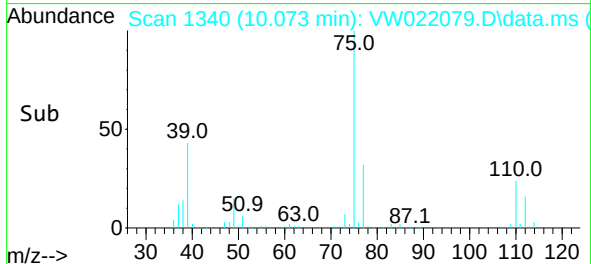
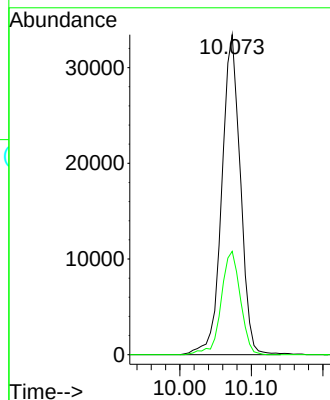
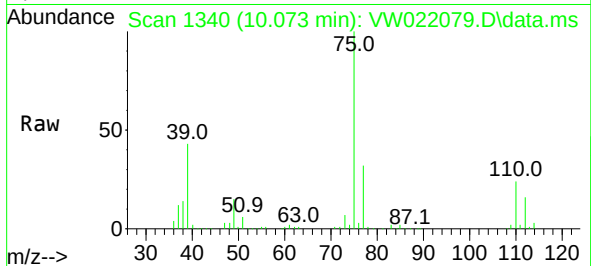
VSTD025557

Tgt Ion: 75 Resp: 60344

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 47.742 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

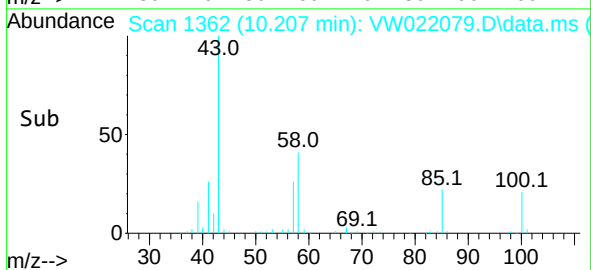
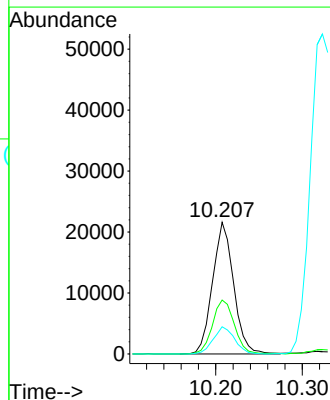
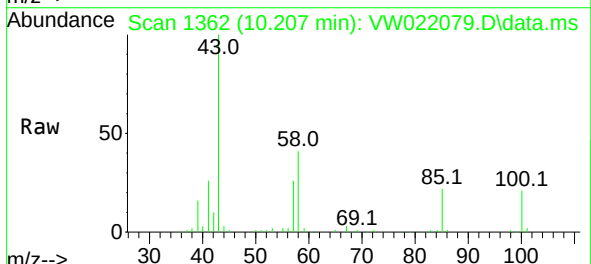
Tgt Ion: 43 Resp: 36573

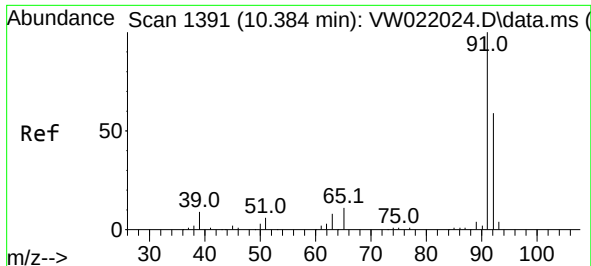
Ion Ratio Lower Upper

43 100

58 42.5 34.4 51.6

100 20.8 17.0 25.4

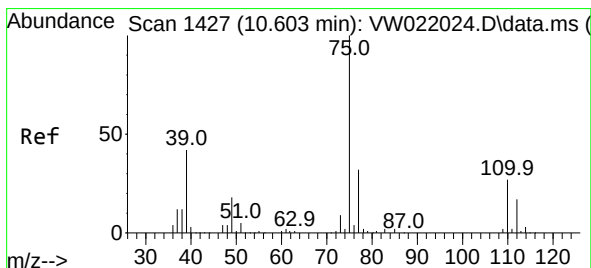
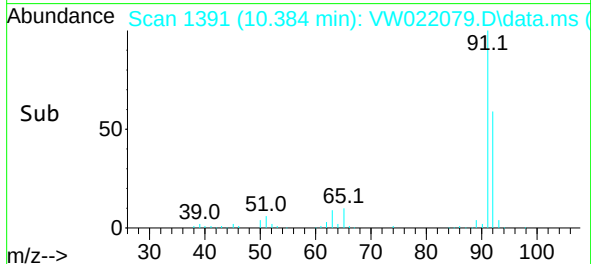
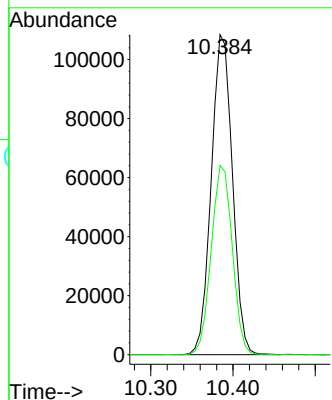
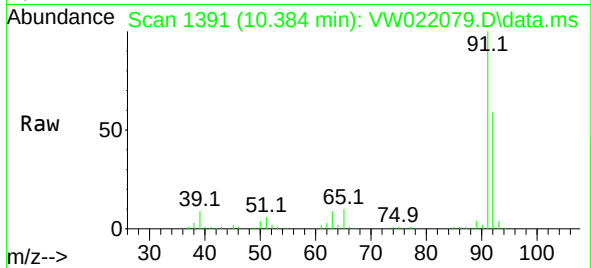




#42
Toluene
Concen: 24.015 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

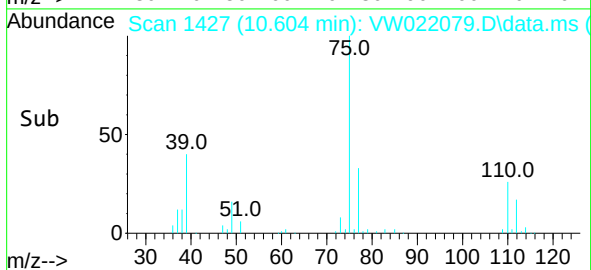
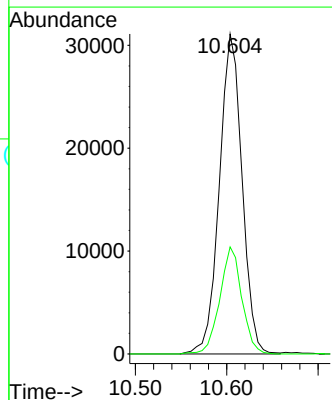
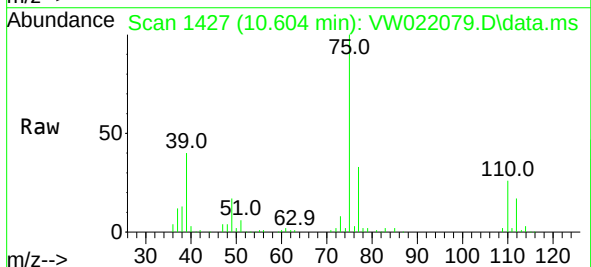
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

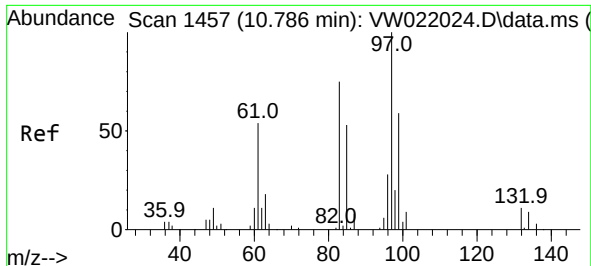
Tgt Ion: 91 Resp: 193514
Ion Ratio Lower Upper
91 100
92 59.1 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.875 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 75 Resp: 53701
Ion Ratio Lower Upper
75 100
77 33.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 24.045 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

Tgt Ion: 97 Resp: 31909

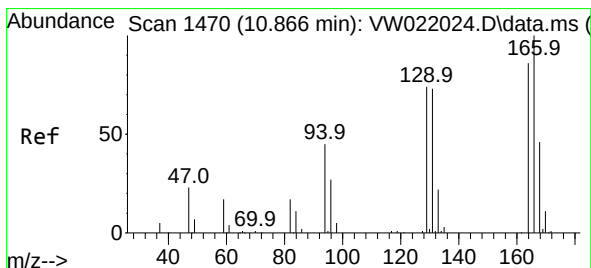
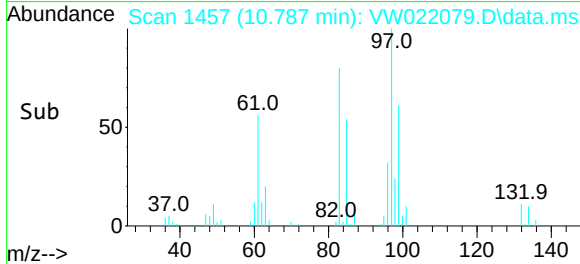
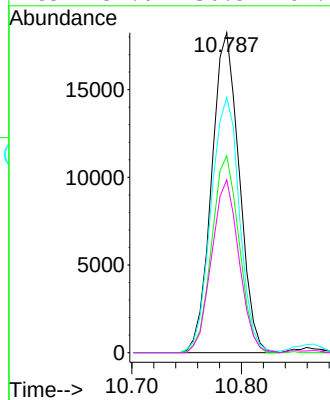
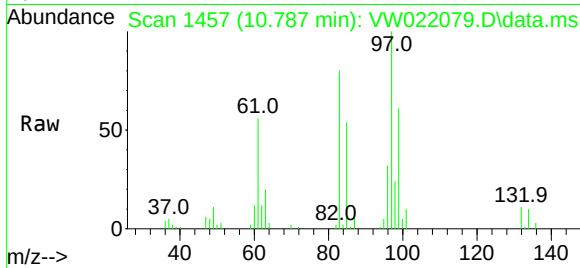
Ion Ratio Lower Upper

97 100

99 61.5 43.8 81.4

83 79.8 56.1 104.3

85 54.0 36.5 67.7



#46

Tetrachloroethene

Concen: 21.947 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Tgt Ion:164 Resp: 41347

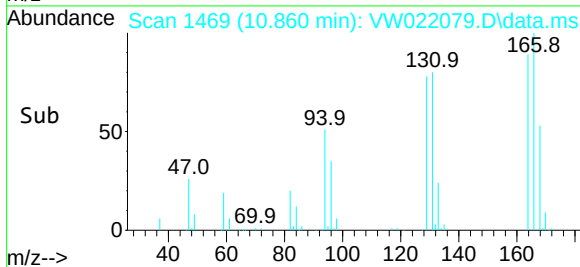
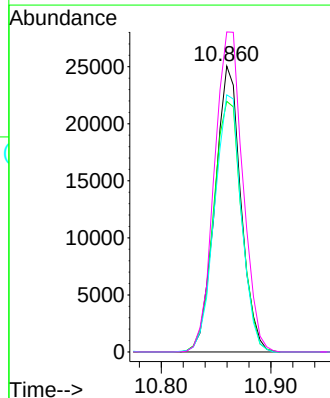
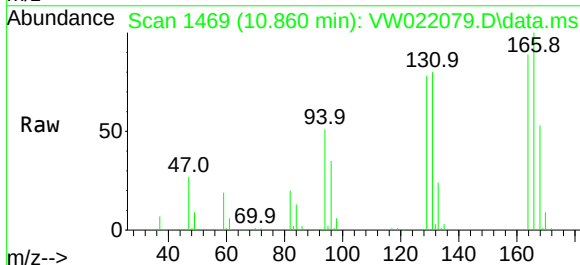
Ion Ratio Lower Upper

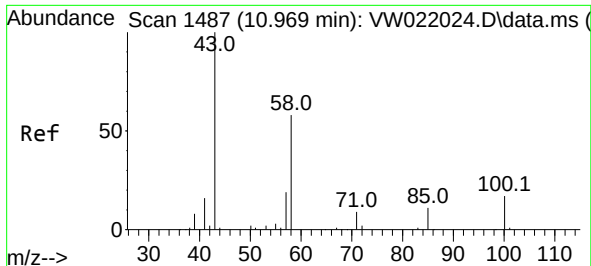
164 100

129 87.6 62.6 116.2

131 89.9 67.1 124.7

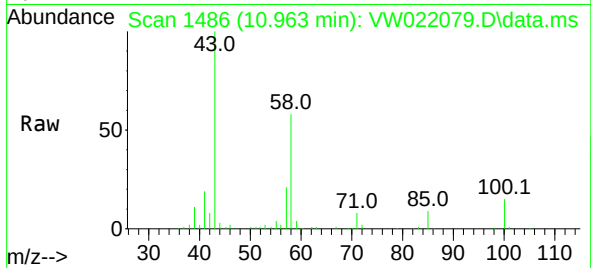
166 111.9 91.1 169.1



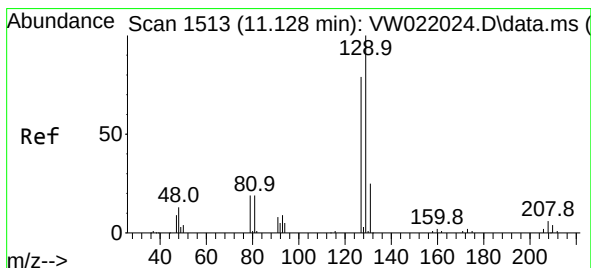
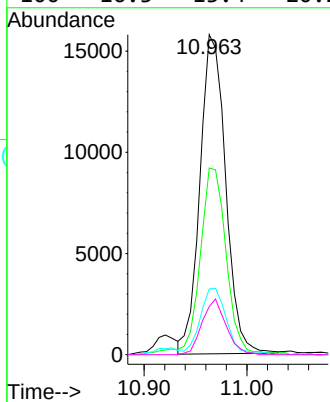
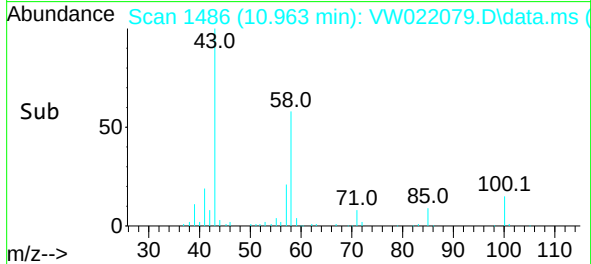


#48
2-Hexanone
Concen: 48.067 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

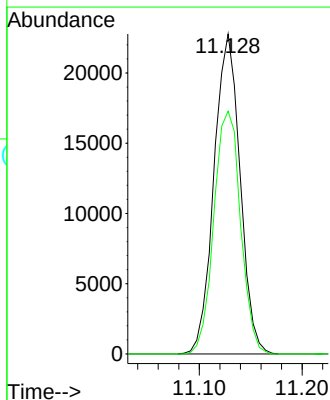
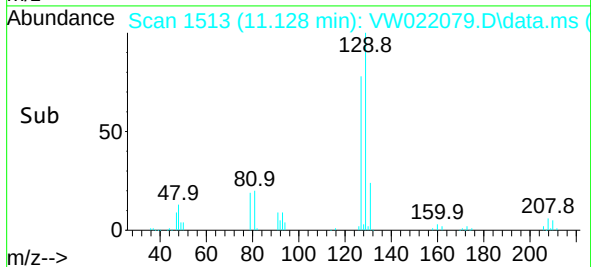
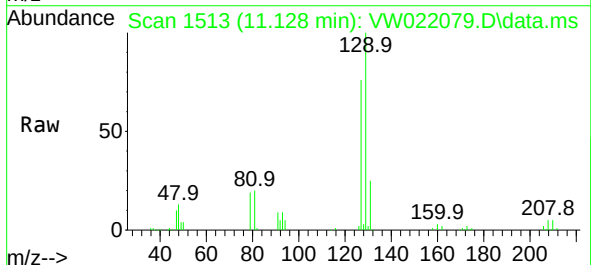


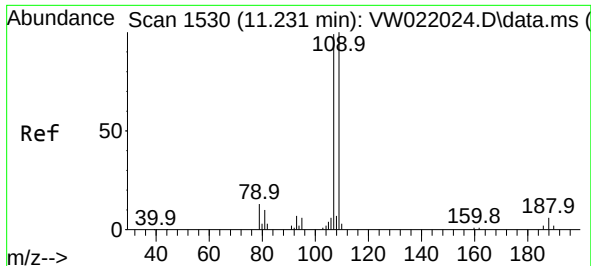
Tgt Ion:	43	Resp:	27407
Ion	Ratio	Lower	Upper
43	100		
58	60.2	49.2	73.8
57	21.0	16.6	24.8
100	16.3	13.4	20.2



#49
Dibromochloromethane
Concen: 23.997 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion:	129	Resp:	40102
Ion	Ratio	Lower	Upper
129	100		
127	75.9	52.6	97.6





#50

1,2-Dibromoethane

Concen: 23.765 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

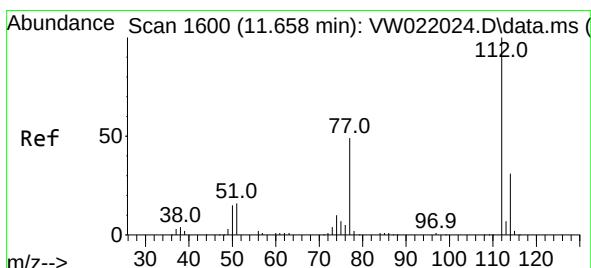
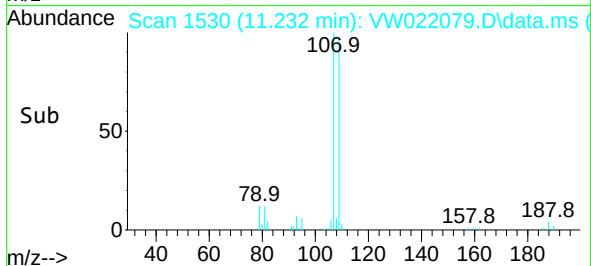
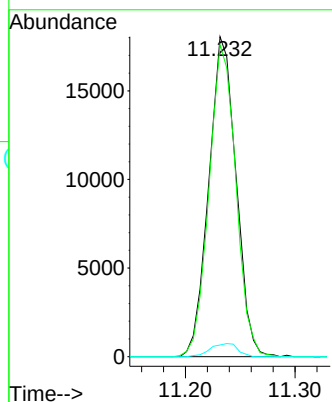
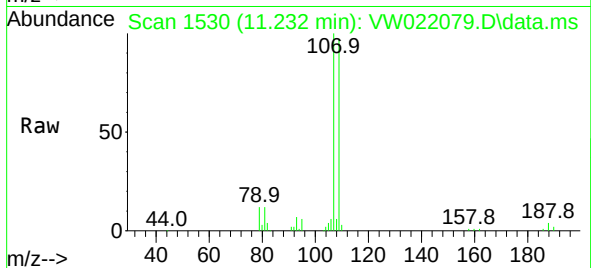
Tgt Ion:107 Resp: 31225

Ion Ratio Lower Upper

107 100

109 97.5 68.0 126.2

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 23.427 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

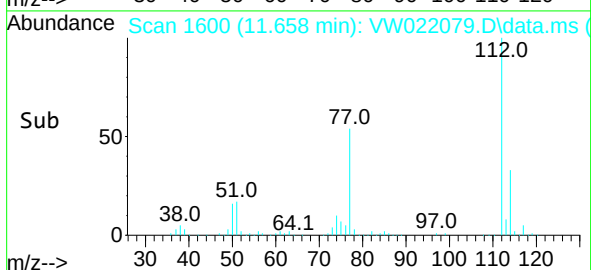
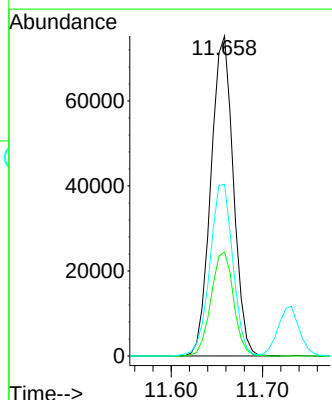
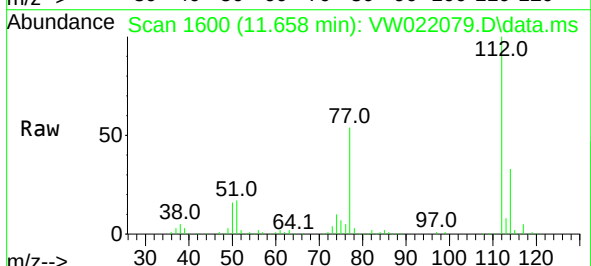
Tgt Ion:112 Resp: 128476

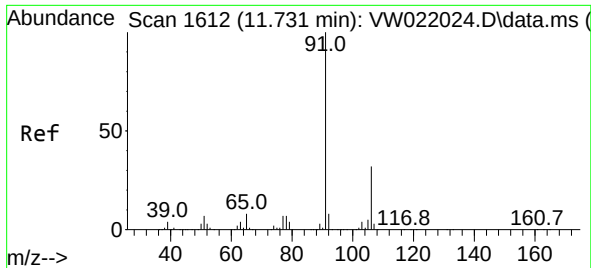
Ion Ratio Lower Upper

112 100

114 32.5 21.5 39.9

77 53.6 43.6 65.4

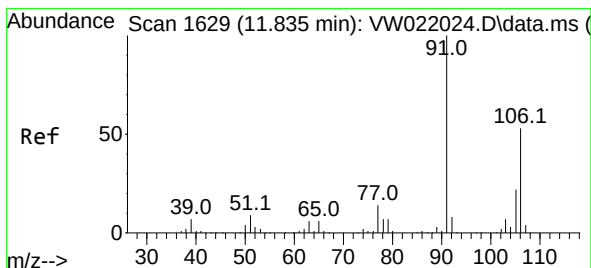
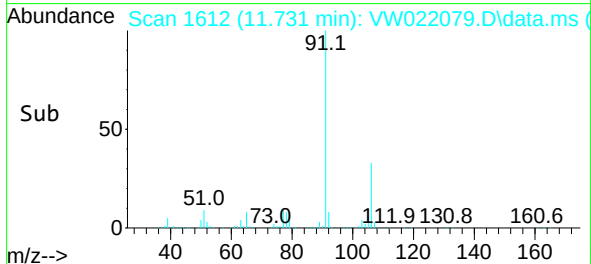
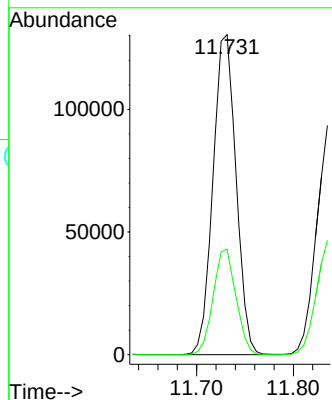
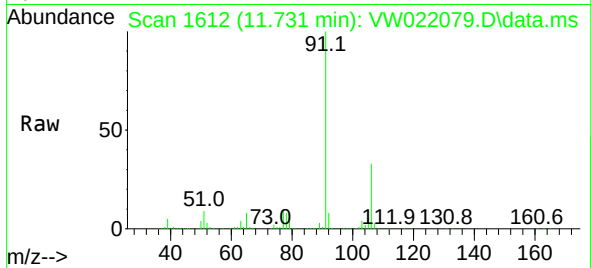




#52
Ethylbenzene
Concen: 24.311 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

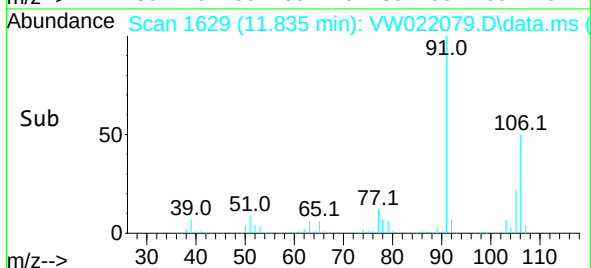
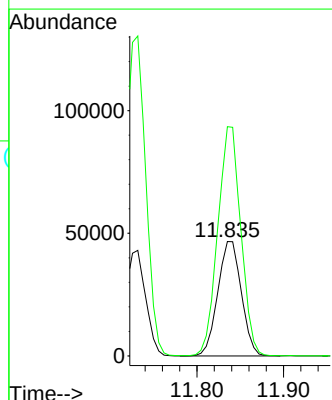
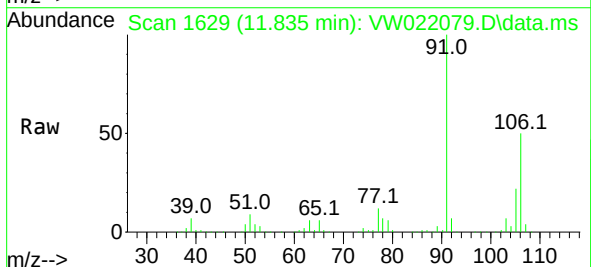
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

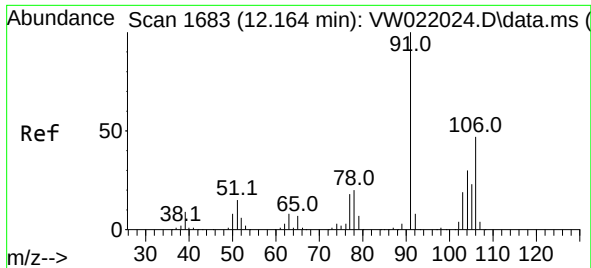
Tgt Ion: 91 Resp: 216148
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4



#53
m,p-Xylene
Concen: 23.903 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 106 Resp: 88174
Ion Ratio Lower Upper
106 100
91 200.5 129.6 240.8

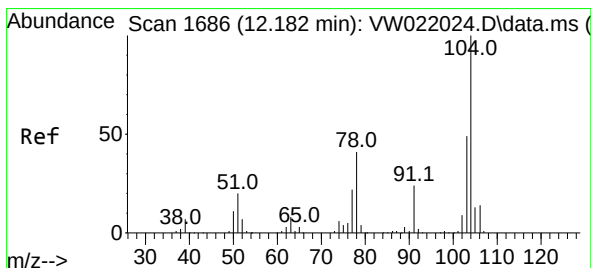
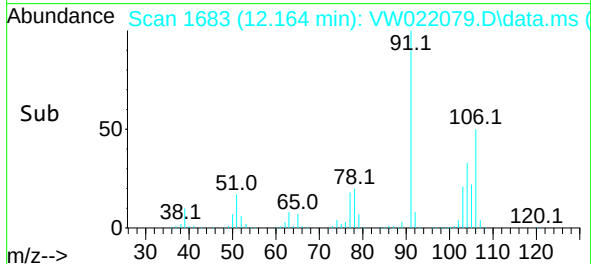
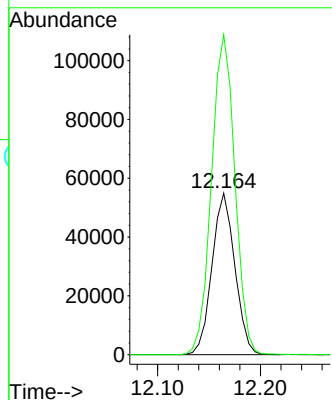
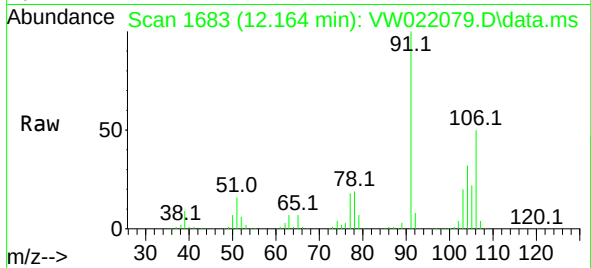




#54
o-Xylene
Concen: 24.563 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

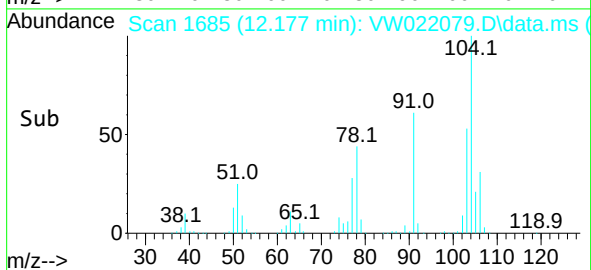
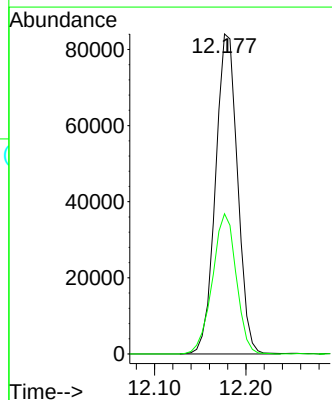
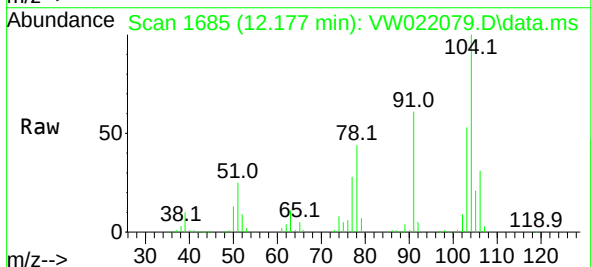
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

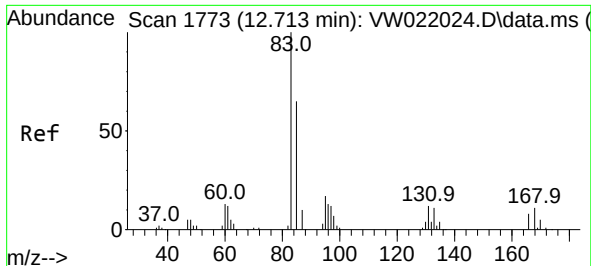
Tgt Ion:106 Resp: 84761
Ion Ratio Lower Upper
106 100
91 198.1 136.4 253.4



#55
Styrene
Concen: 25.319 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion:104 Resp: 141125
Ion Ratio Lower Upper
104 100
78 43.8 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.340 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

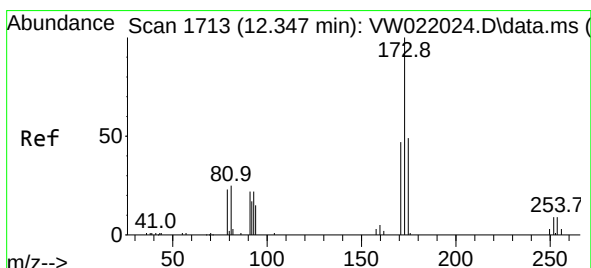
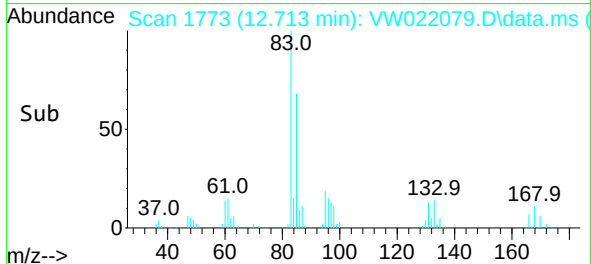
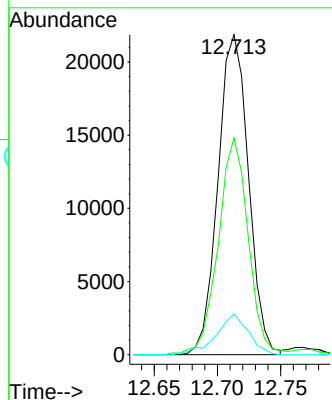
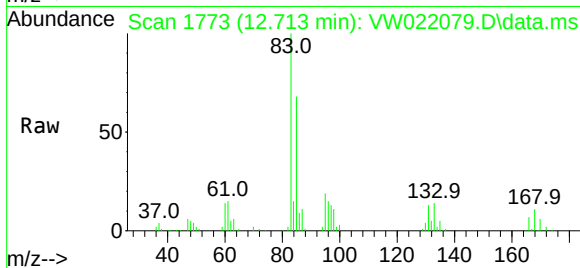
Tgt Ion: 83 Resp: 36603

Ion Ratio Lower Upper

83 100

85 67.8 43.8 81.3

131 12.7 9.8 14.8



#59

Bromoform

Concen: 21.946 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

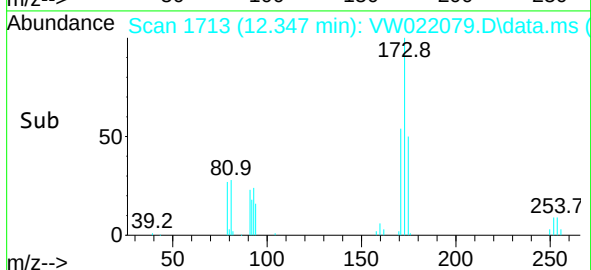
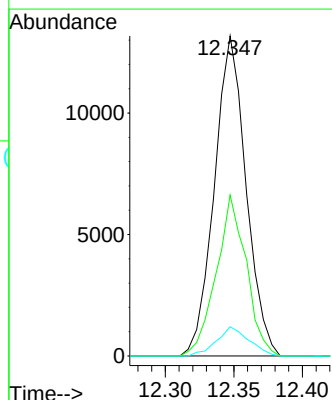
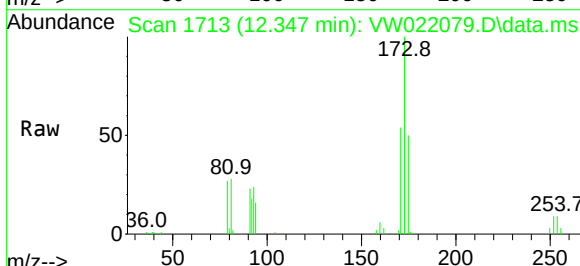
Tgt Ion:173 Resp: 21169

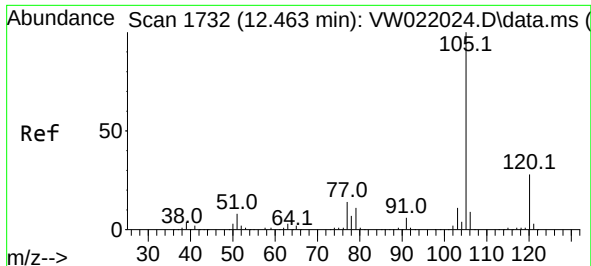
Ion Ratio Lower Upper

173 100

175 47.6 41.0 61.4

254 9.3 3.4 5.2#

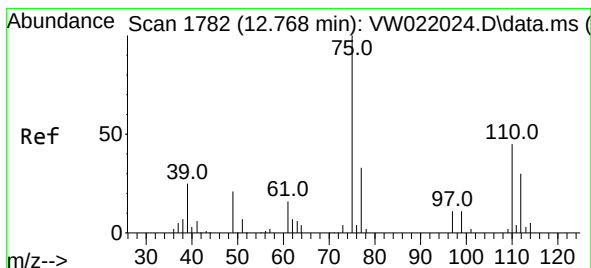
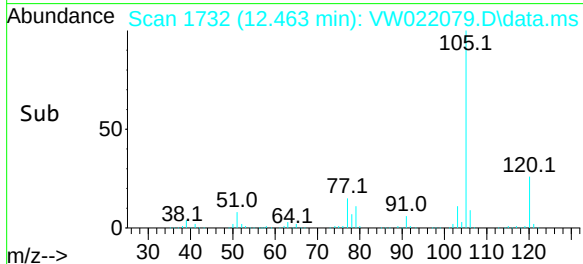
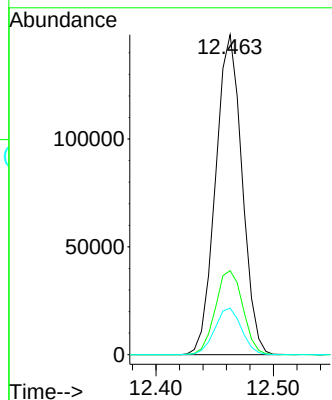
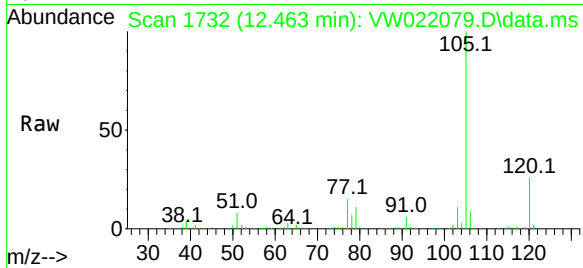




#60
Isopropylbenzene
Concen: 24.403 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

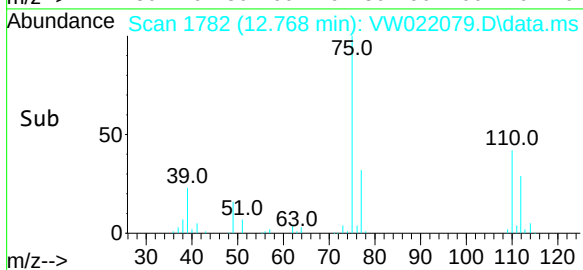
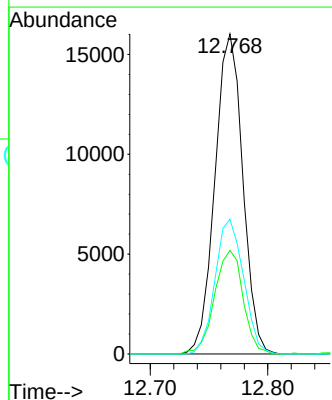
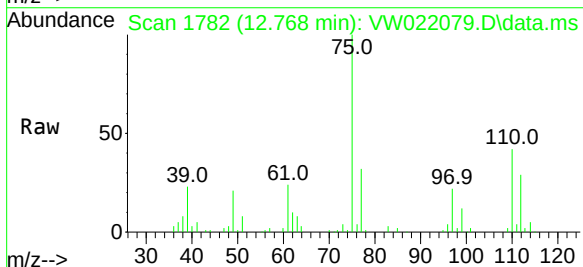
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

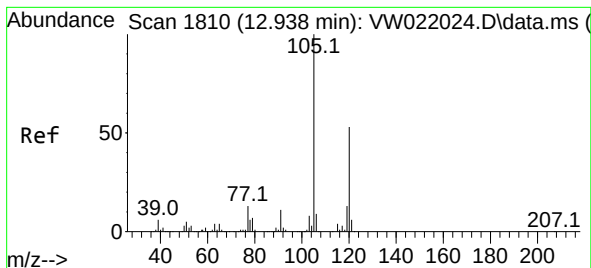
Tgt Ion:105 Resp: 232857
Ion Ratio Lower Upper
105 100
120 27.2 22.1 33.1
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 24.801 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion: 75 Resp: 26388
Ion Ratio Lower Upper
75 100
77 33.1 27.3 40.9
110 43.1 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 24.987 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

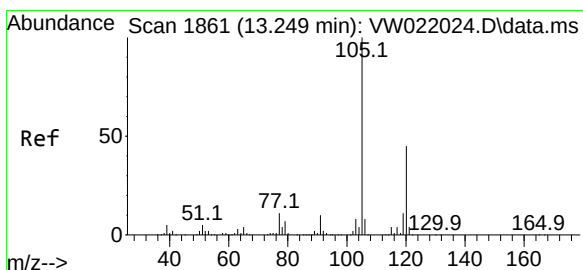
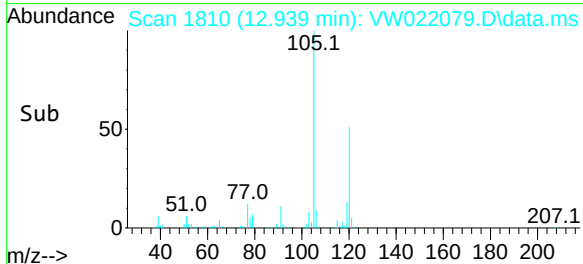
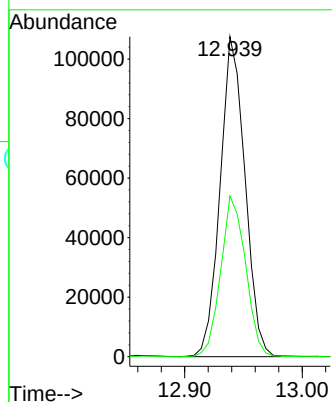
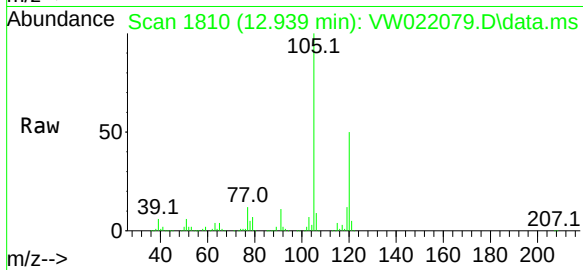
VSTD025557

Tgt Ion:105 Resp: 158130

Ion Ratio Lower Upper

105 100

120 50.3 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.068 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022079.D

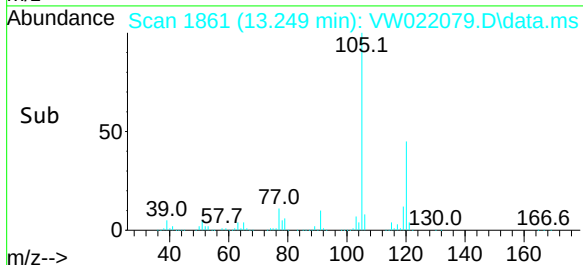
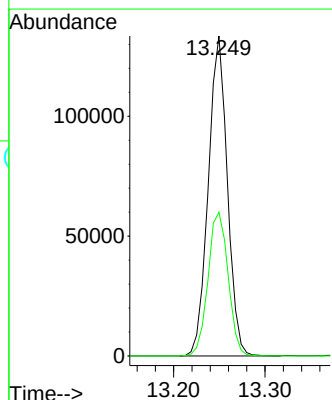
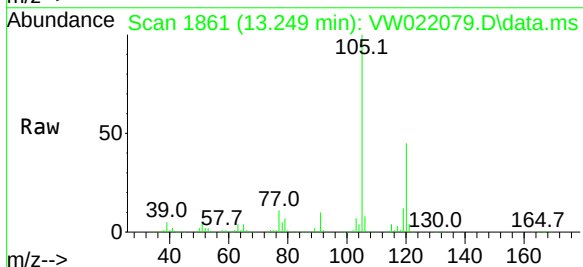
Acq: 09 Feb 2022 11:15

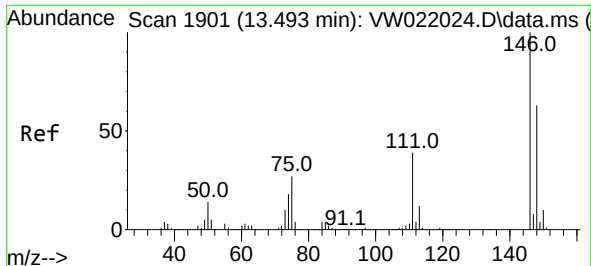
Tgt Ion:105 Resp: 193283

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8

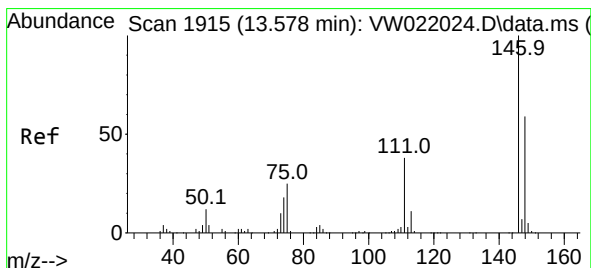
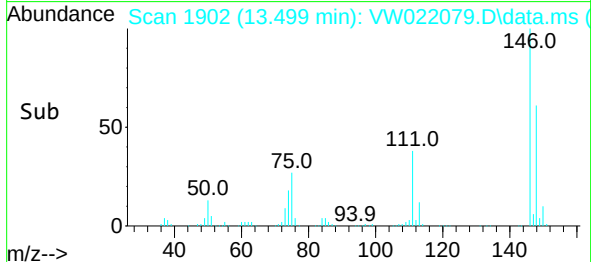
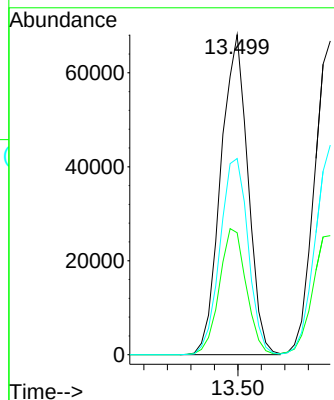
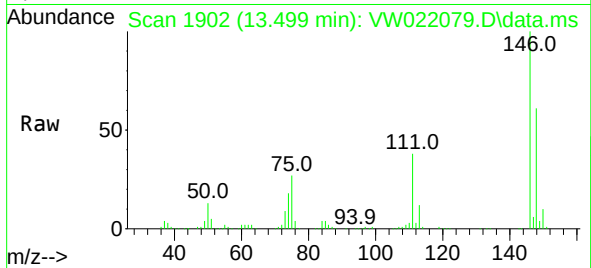




#64
1,3-Dichlorobenzene
Concen: 23.926 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

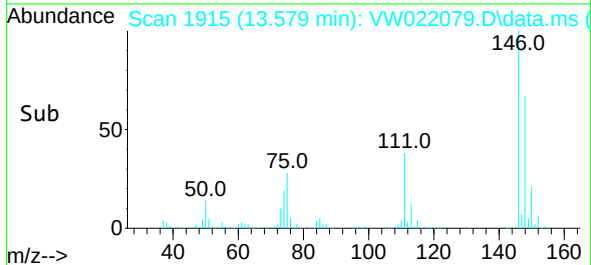
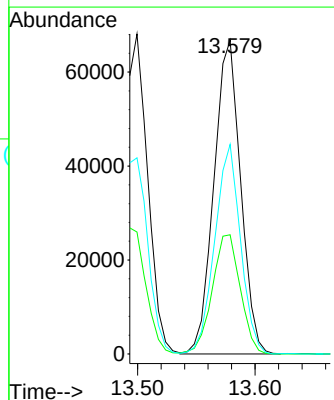
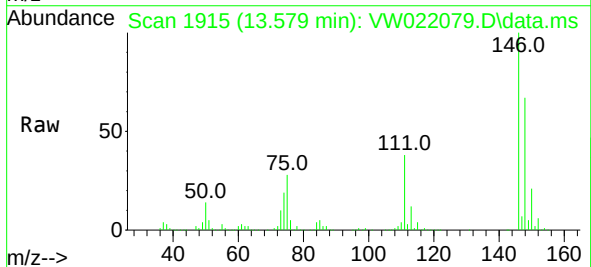
Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

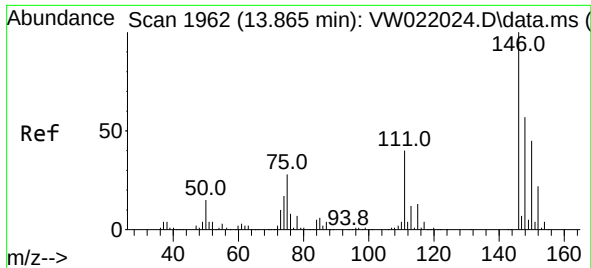
Tgt Ion:146 Resp: 109386
Ion Ratio Lower Upper
146 100
111 38.1 27.3 50.7
148 61.3 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 23.068 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion:146 Resp: 105566
Ion Ratio Lower Upper
146 100
111 38.0 24.4 45.4
148 66.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.568 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

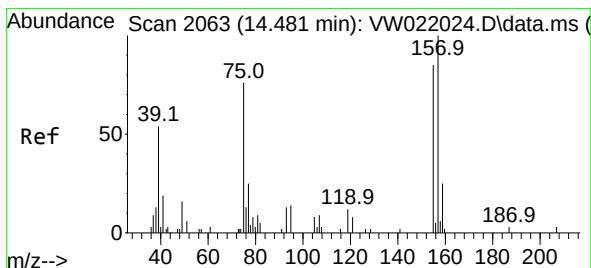
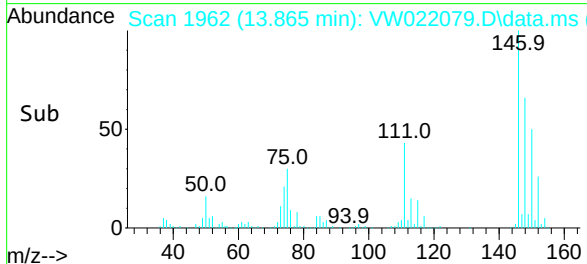
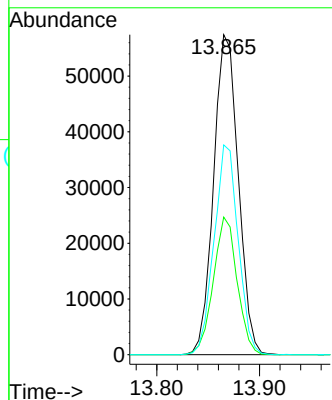
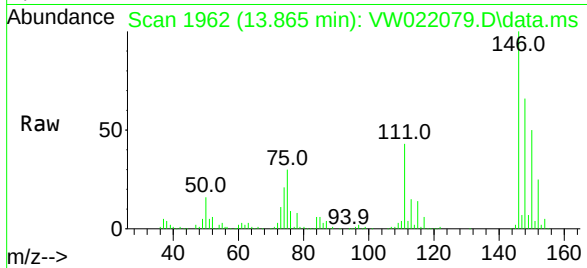
Tgt Ion:146 Resp: 95766

Ion Ratio Lower Upper

146 100

111 43.0 32.2 48.4

148 65.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.918 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

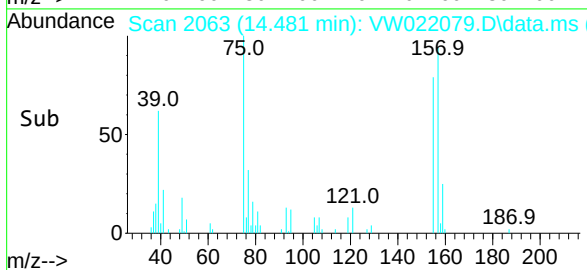
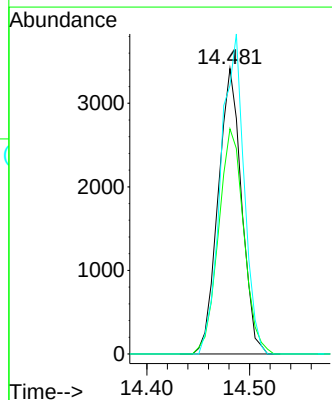
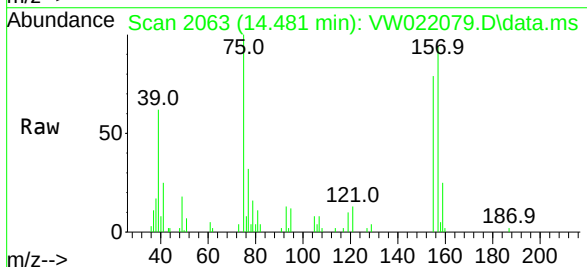
Tgt Ion: 75 Resp: 5394

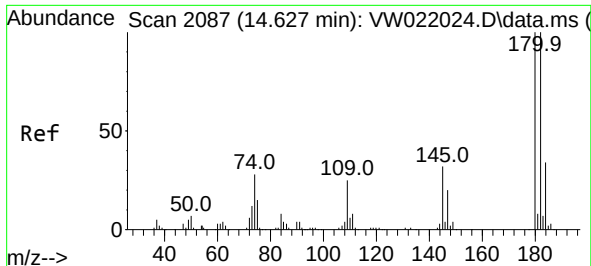
Ion Ratio Lower Upper

75 100

155 78.8 80.9 121.3#

157 94.1 100.3 150.5#





#69

1,3,5-Trichlorobenzene

Concen: 22.932 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025557

Tgt Ion:180 Resp: 75378

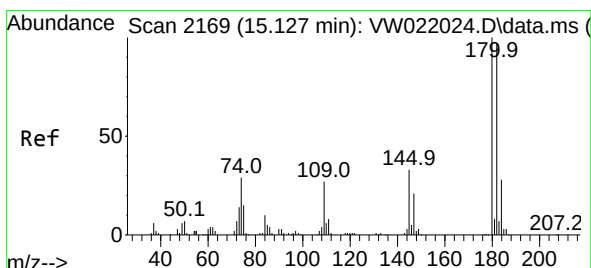
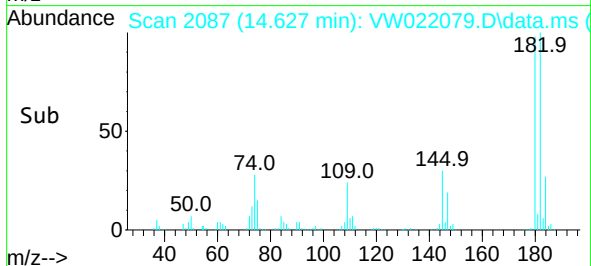
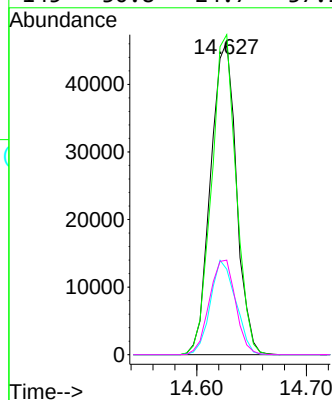
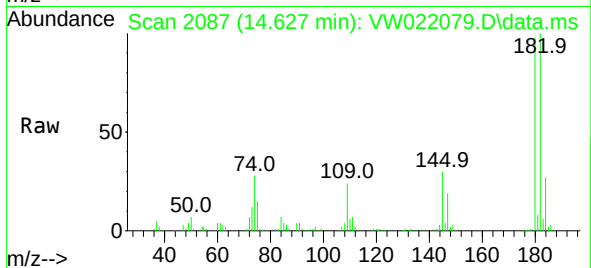
Ion Ratio Lower Upper

180 100

182 97.9 77.4 116.2

184 29.7 25.2 37.8

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 21.715 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW022079.D

Acq: 09 Feb 2022 11:15

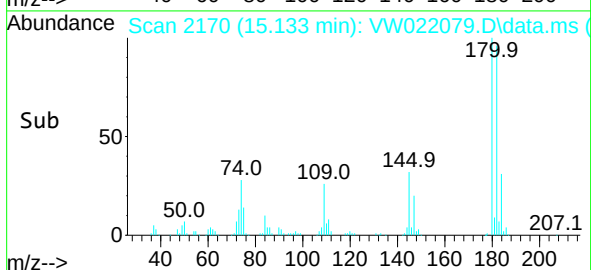
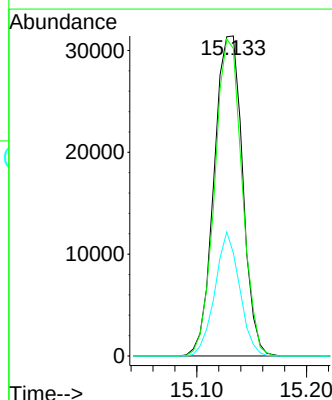
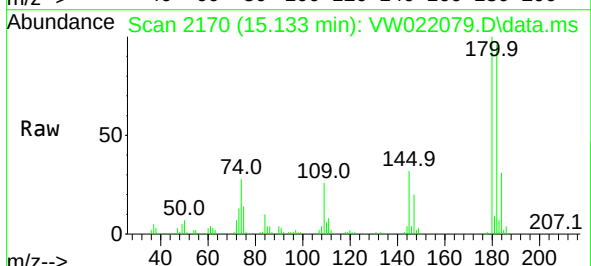
Tgt Ion:180 Resp: 56697

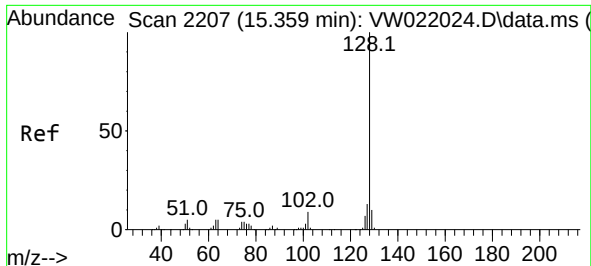
Ion Ratio Lower Upper

180 100

182 95.0 74.6 111.8

145 33.5 25.0 37.6

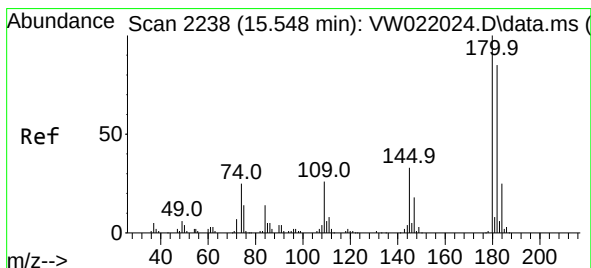
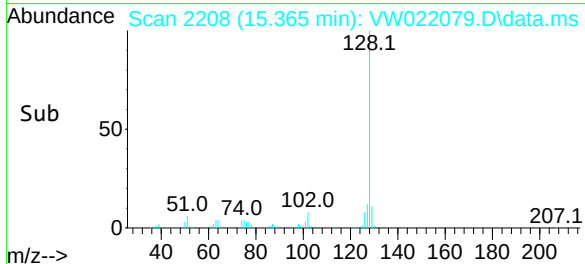
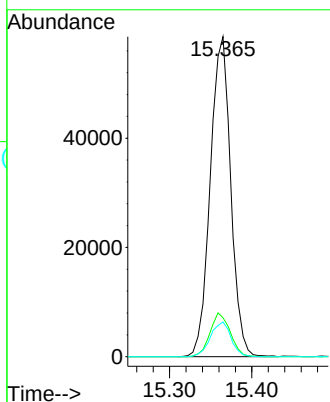
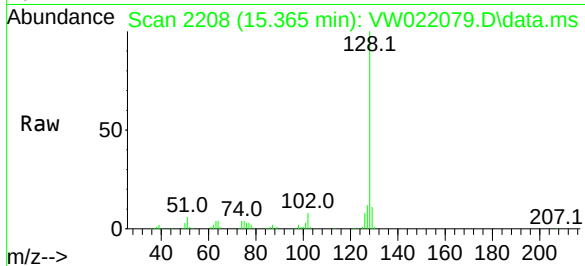




#71
Naphthalene
Concen: 23.780 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

Tgt Ion:128 Resp: 101297
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.669 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022079.D
Acq: 09 Feb 2022 11:15

Tgt Ion:180 Resp: 50589
Ion Ratio Lower Upper
180 100
182 92.3 78.6 118.0
145 33.6 27.3 40.9

