

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024979.D
 Acq On : 26 Oct 2022 10:53
 Operator : SY/VA
 Sample : VSTD00562
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005462

Quant Time: Oct 27 04:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	303435	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	275826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	17566	5.158	ug/L	0.00
7) Chloroethane-d5	2.885	69	9292	4.657	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	43418	5.119	ug/L	0.00
21) 2-Butanone-d5	7.092	46	9700	8.440	ug/L	0.01
24) Chloroform-d	7.653	84	47455	5.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26250	5.092	ug/L	0.00
32) Benzene-d6	8.275	84	90948	5.144	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26856	5.184	ug/L	0.00
41) Toluene-d8	10.323	98	86731	5.269	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11204	4.878	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7823	8.742	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	20916	5.057	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26673	5.188	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	3585	3.443	ug/L #	78
3) Chloromethane	2.221	50	12313	5.058	ug/L	95
5) Vinyl chloride	2.367	62	17116	5.089	ug/L	95
6) Bromomethane	2.782	94	8752	5.214	ug/L	96
8) Chloroethane	2.922	64	6891	4.911	ug/L	95
9) Trichlorofluoromethane	3.263	101	14824	5.254	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	20368	5.098	ug/L	98
12) 1,1-Dichloroethene	4.044	96	19077	5.068	ug/L	93
13) Acetone	4.129	43	8241	10.106	ug/L	78
14) Carbon disulfide	4.391	76	53702	4.884	ug/L	99
15) Methyl Acetate	4.678	43	7776	4.758	ug/L #	85
16) Methylene chloride	4.916	84	32922	6.111	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	21001	5.211	ug/L	91
18) Methyl tert-butyl Ether	5.434	73	33540	4.961	ug/L #	80
19) 1,1-Dichloroethane	6.220	63	38131	5.110	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	21855	4.975	ug/L	96
22) 2-Butanone	7.177	43	12101	9.891	ug/L	98
23) Bromochloromethane	7.519	128	9574	5.027	ug/L	94
25) Chloroform	7.677	83	40295	5.117	ug/L	92
27) 1,2-Dichloroethane	8.403	62	26956	5.046	ug/L	97
29) Cyclohexane	7.958	56	33169	5.093	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	35384	5.242	ug/L	99
31) Carbon tetrachloride	8.073	117	31449	5.214	ug/L	97
33) Benzene	8.330	78	87811	5.287	ug/L	100
34) Trichloroethene	9.092	95	23178	5.271	ug/L	97
35) Methylcyclohexane	9.335	83	38658	5.174	ug/L	100
37) 1,2-Dichloropropane	9.372	63	20752	5.148	ug/L	98
38) Bromodichloromethane	9.646	83	29285	5.205	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	30698	4.817	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	21546	9.107	ug/L	99
42) Toluene	10.390	91	90401	5.126	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	26827	4.735	ug/L	96

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Quant Time: Oct 27 04:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

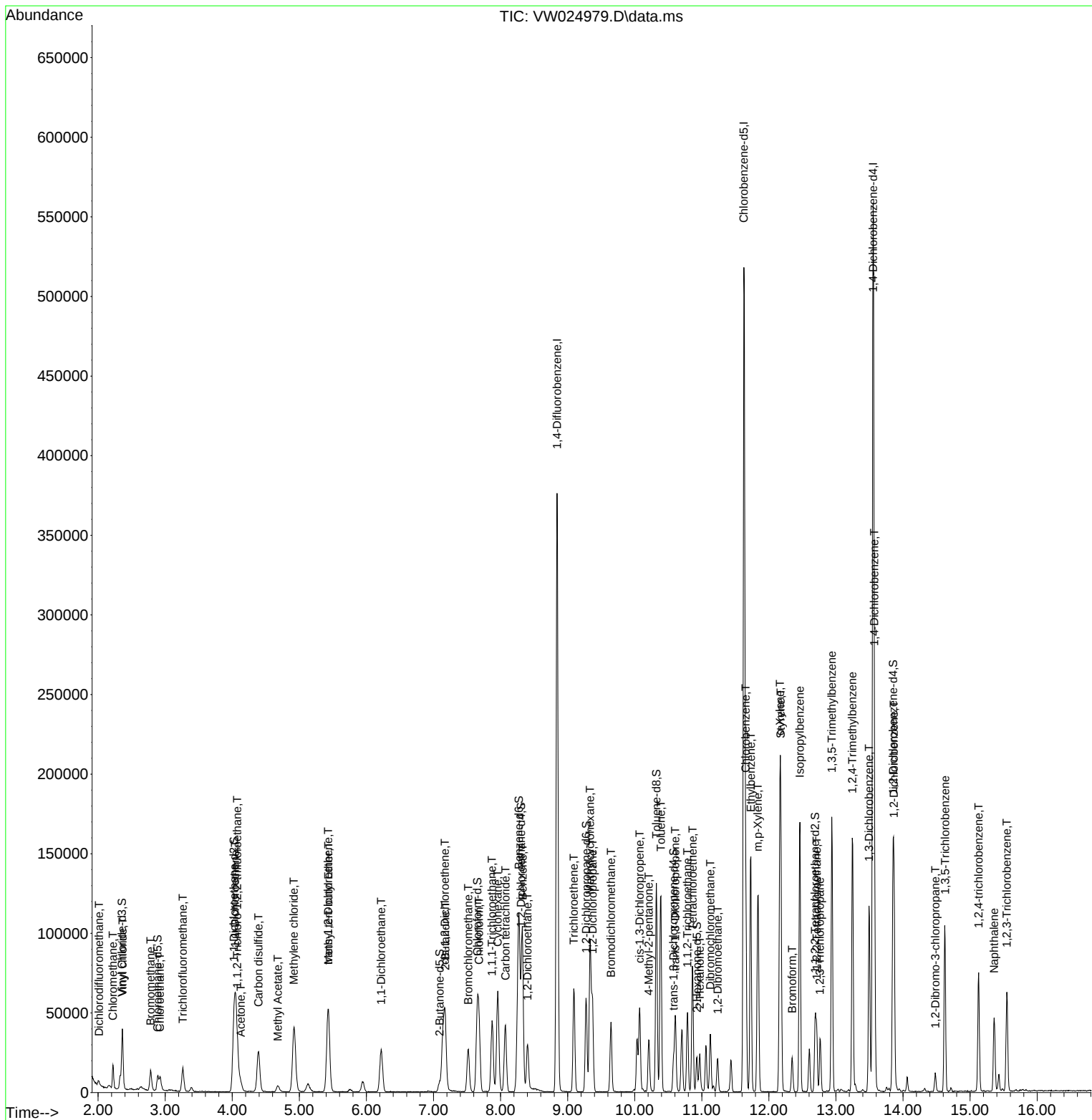
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

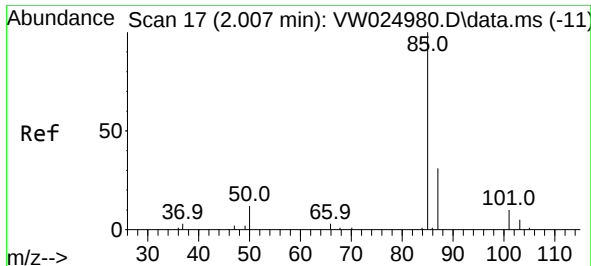
45) 1,1,2-Trichloroethane	10.786	97	15279	5.020	ug/L	99
46) Tetrachloroethene	10.866	164	16524	5.255	ug/L	92
48) 2-Hexanone	10.969	43	14796	9.043	ug/L	99
49) Dibromochloromethane	11.128	129	18255	4.920	ug/L	97
50) 1,2-Dibromoethane	11.238	107	14492	5.034	ug/L #	98
51) Chlorobenzene	11.652	112	59237	5.182	ug/L	100
52) Ethylbenzene	11.731	91	104609	5.139	ug/L	99
53) m,p-Xylene	11.835	106	40210	5.103	ug/L	98
54) o-Xylene	12.164	106	37781	5.083	ug/L	98
55) Styrene	12.176	104	65156	5.047	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	17888	4.899	ug/L	94
59) Bromoform	12.347	173	9146	4.833	ug/L #	92
60) Isopropylbenzene	12.463	105	105728	5.256	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	13611	5.064	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	90749	5.197	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	90119	5.263	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	43967	5.241	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	42983	5.135	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	40492	5.368	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2988	4.810	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	29381	5.287	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	20758	4.806	ug/L	97
71) Naphthalene	15.359	128	39645	4.351	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	18216	4.841	ug/L	95

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

Instrument :
MSVOA_W
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Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:14:11 2022
Response via : Initial Calibration

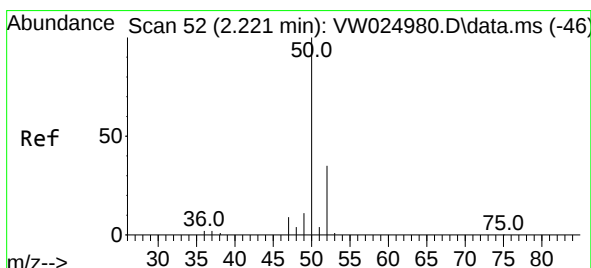
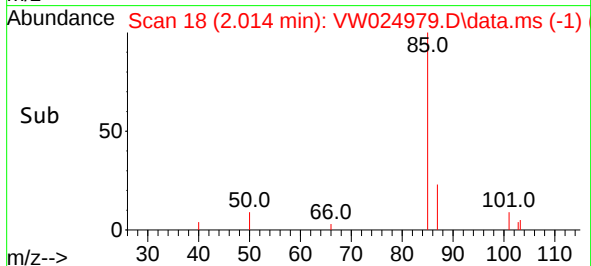
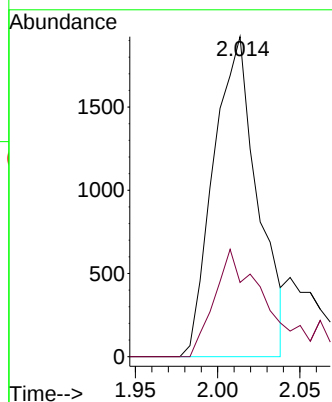
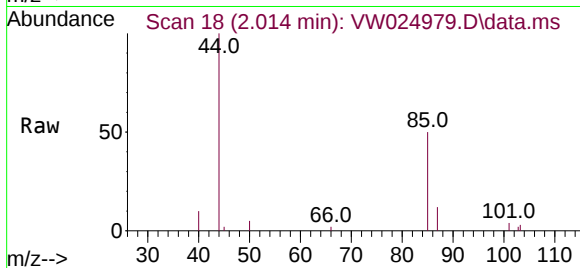




#2
 Dichlorodifluoromethane
 Concen: 3.443 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

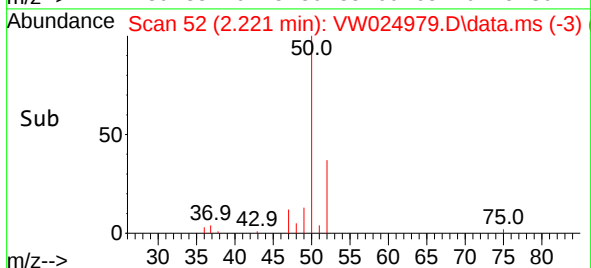
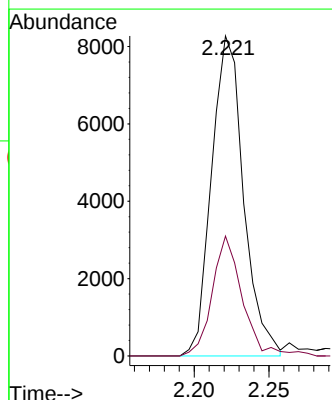
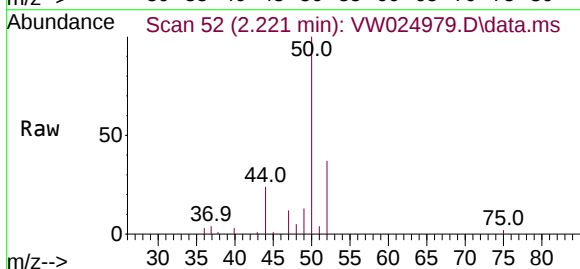
Instrument :
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 ClientSampleId :
 VSTD005462

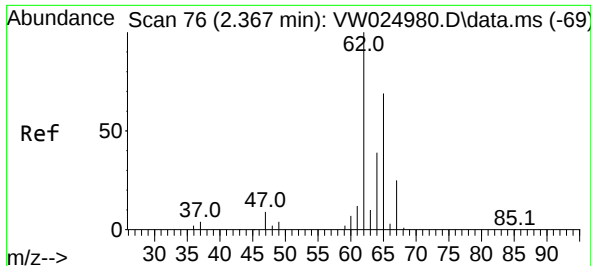
Tgt Ion: 85 Resp: 3585
 Ion Ratio Lower Upper
 85 100
 87 19.9 25.9 38.9#



#3
 Chloromethane
 Concen: 5.058 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

Tgt Ion: 50 Resp: 12313
 Ion Ratio Lower Upper
 50 100
 52 37.4 24.1 44.8

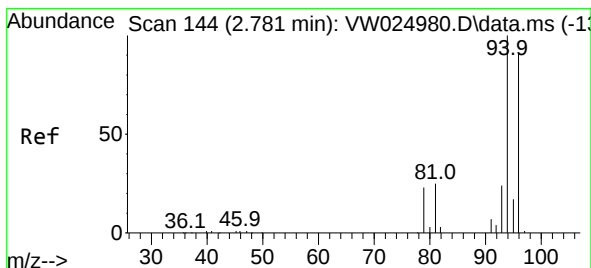
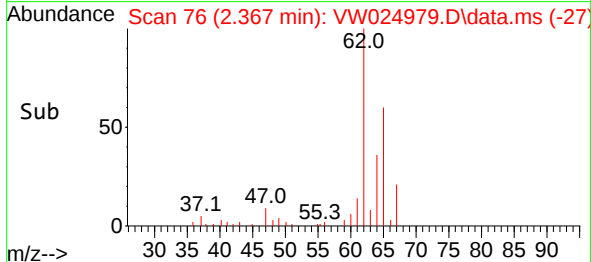
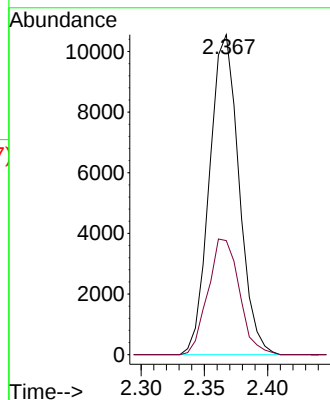
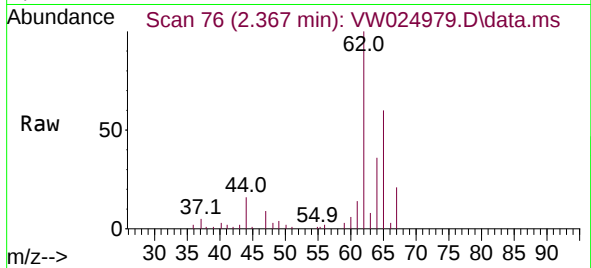




#5
 Vinyl chloride
 Concen: 5.089 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

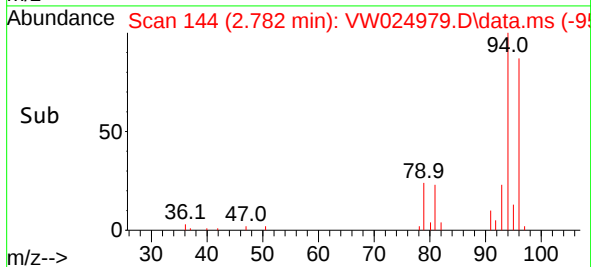
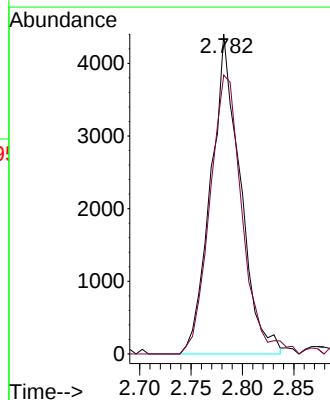
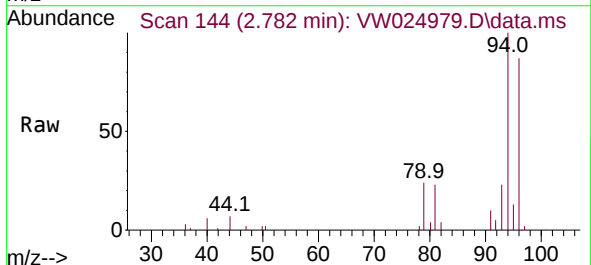
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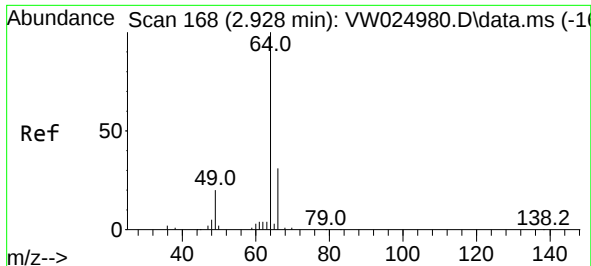
Tgt Ion: 62 Resp: 17116
 Ion Ratio Lower Upper
 62 100
 64 35.7 27.2 50.6



#6
 Bromomethane
 Concen: 5.214 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

Tgt Ion: 94 Resp: 8752
 Ion Ratio Lower Upper
 94 100
 96 87.2 63.8 118.6

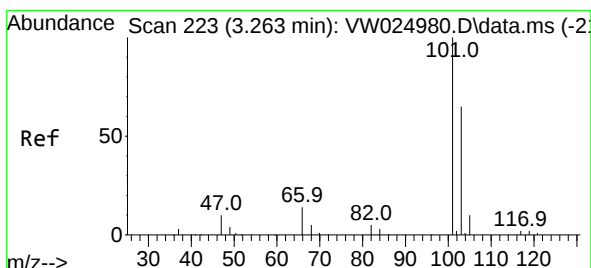
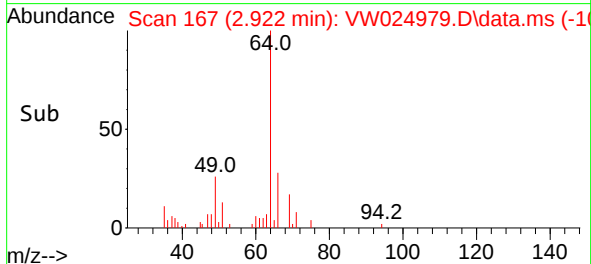
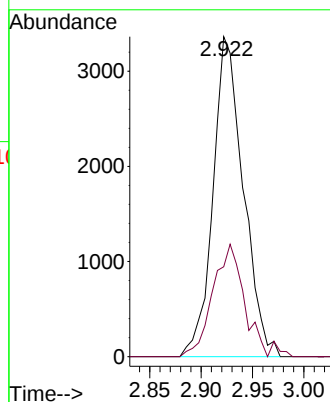
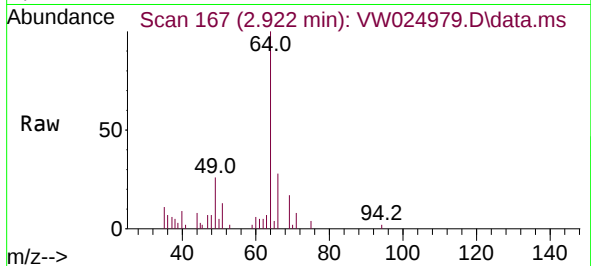




#8
Chloroethane
Concen: 4.911 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

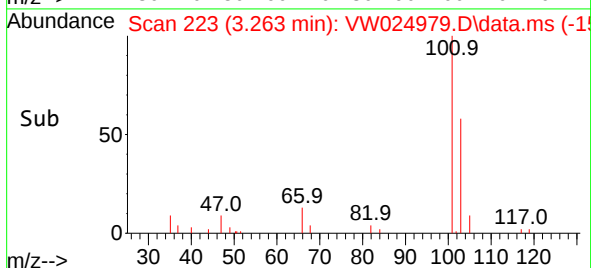
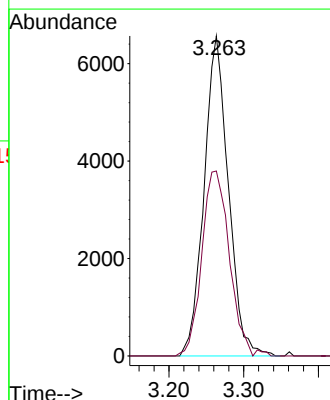
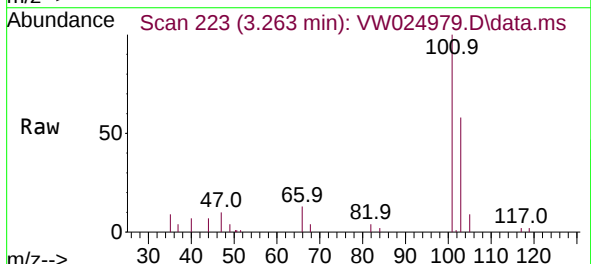
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

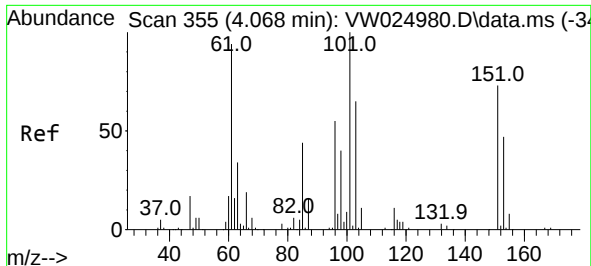
Tgt Ion: 64 Resp: 6891
Ion Ratio Lower Upper
64 100
66 28.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.254 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion:101 Resp: 14824
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

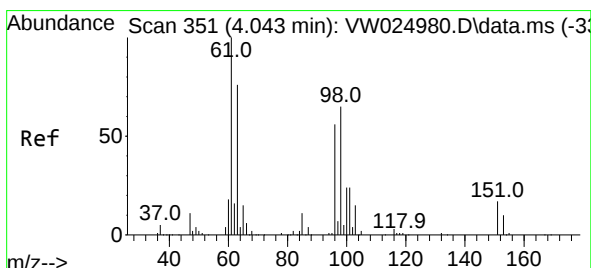
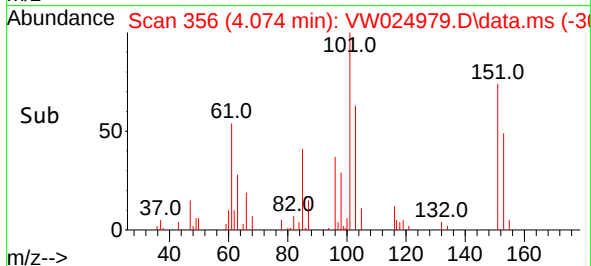
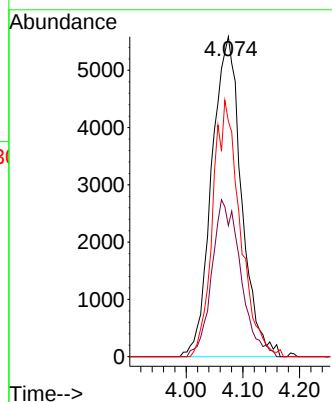
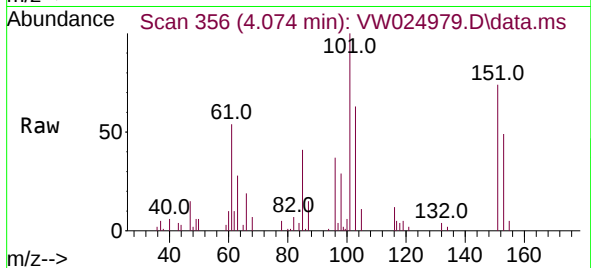




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.098 ug/L
 RT: 4.074 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

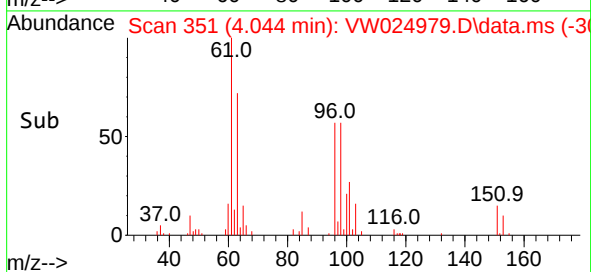
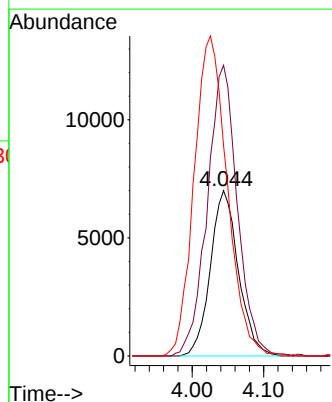
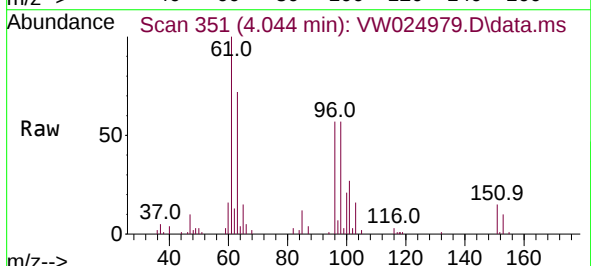
Instrument :
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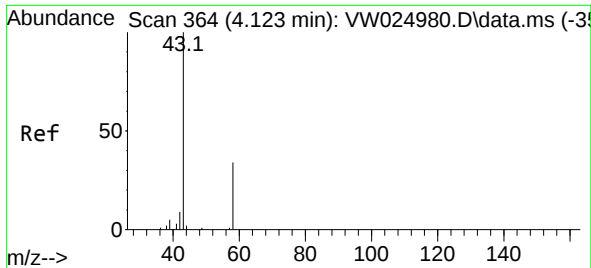
Tgt Ion:101 Resp: 20368
 Ion Ratio Lower Upper
 101 100
 85 47.4 36.5 54.7
 151 73.3 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 5.068 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024979.D
 Acq: 26 Oct 2022 10:53

Tgt Ion: 96 Resp: 19077
 Ion Ratio Lower Upper
 96 100
 61 175.9 126.2 234.4
 63 127.3 98.3 182.7





#13

Acetone

Concen: 10.106 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

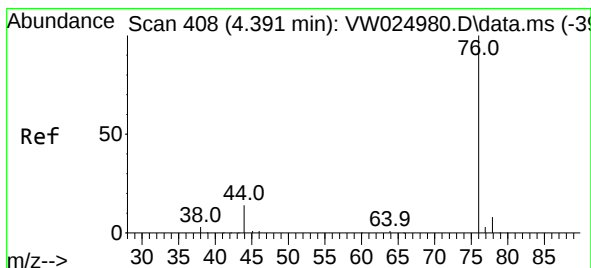
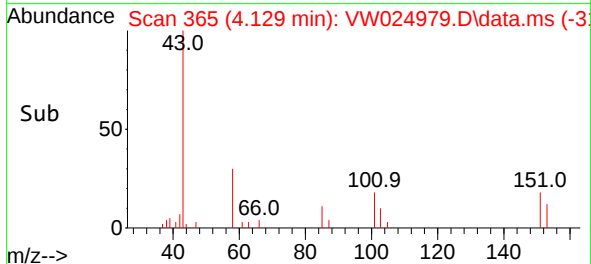
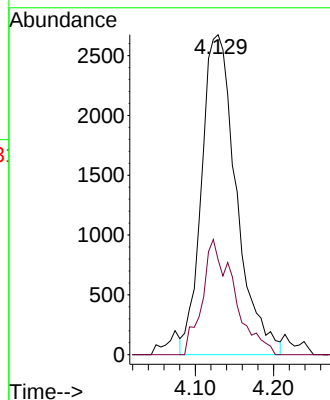
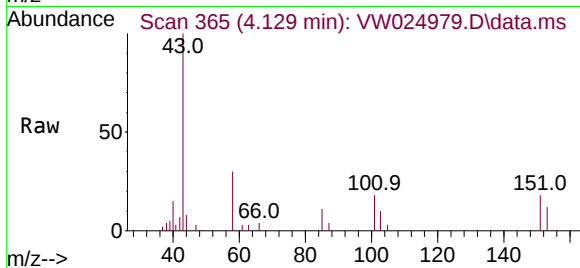
VSTD005462

Tgt Ion: 43 Resp: 8241

Ion Ratio Lower Upper

43 100

58 20.1 0.0 65.4



#14

Carbon disulfide

Concen: 4.884 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024979.D

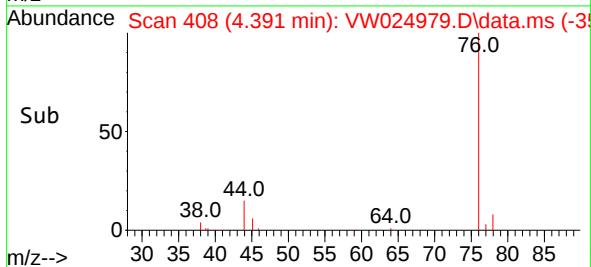
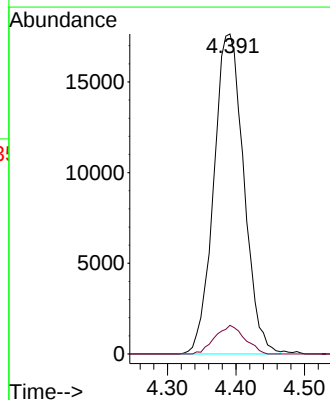
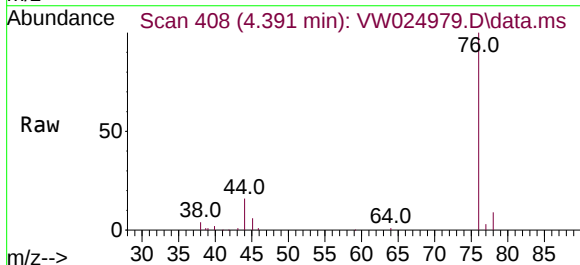
Acq: 26 Oct 2022 10:53

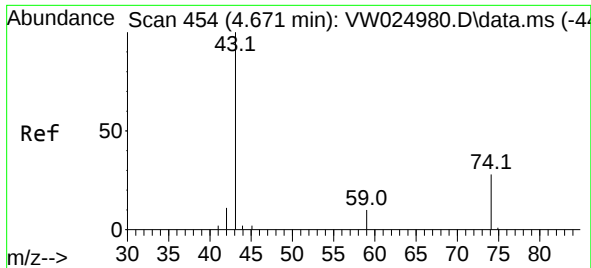
Tgt Ion: 76 Resp: 53702

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

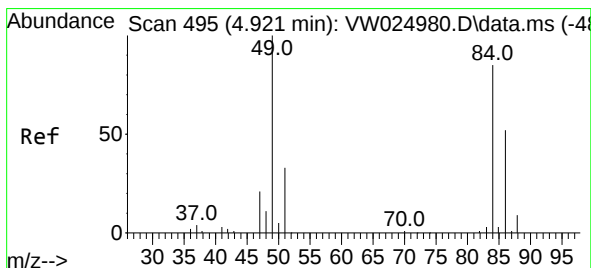
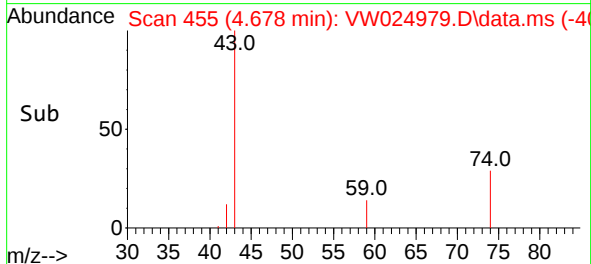
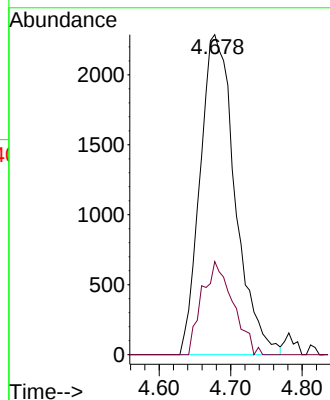
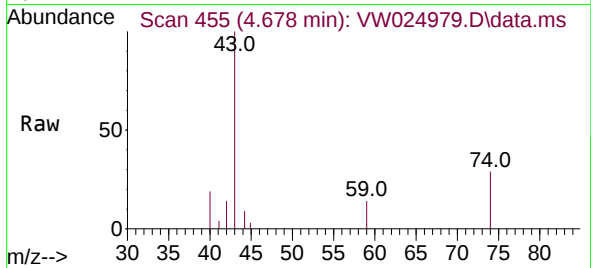




#15
Methyl Acetate
Concen: 4.758 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

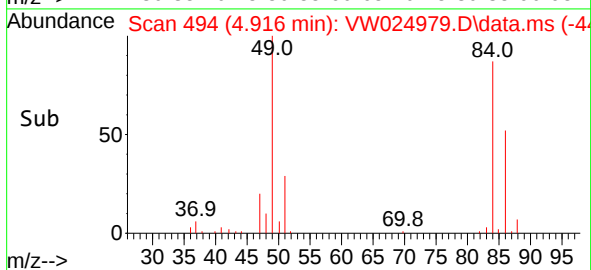
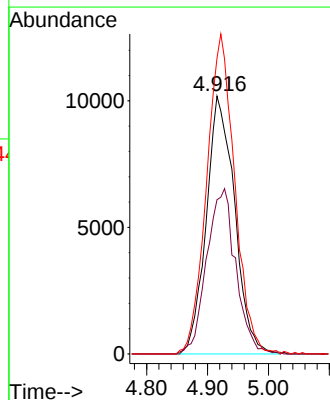
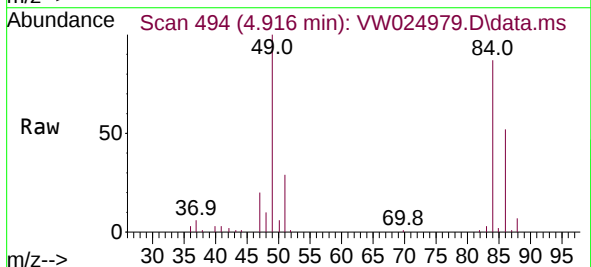
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

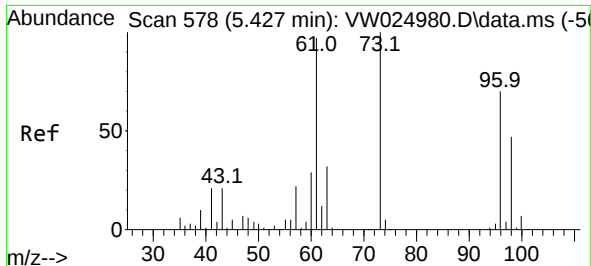
Tgt Ion: 43 Resp: 7776
Ion Ratio Lower Upper
43 100
74 18.0 20.6 30.8#



#16
Methylene chloride
Concen: 6.111 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 84 Resp: 32922
Ion Ratio Lower Upper
84 100
86 59.9 42.6 79.0
49 114.8 81.9 152.1

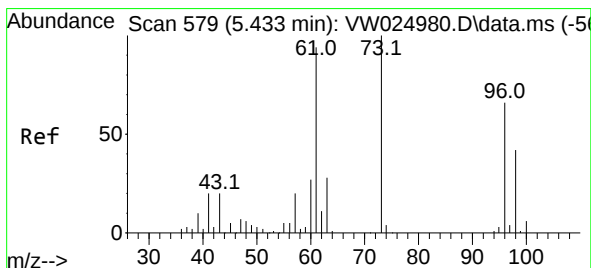
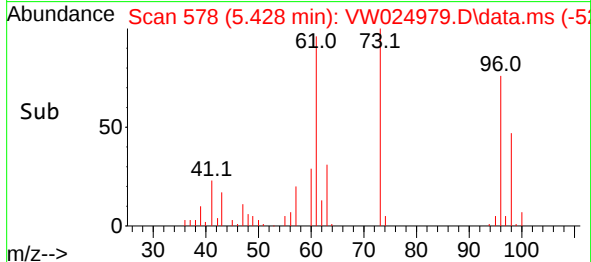
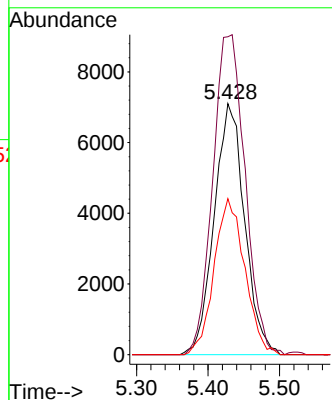
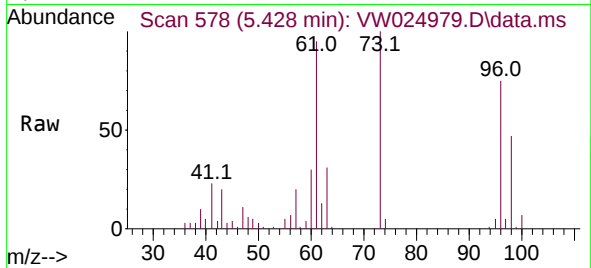




#17
trans-1,2-Dichloroethene
Concen: 5.211 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

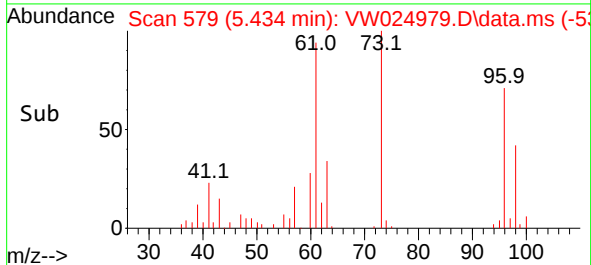
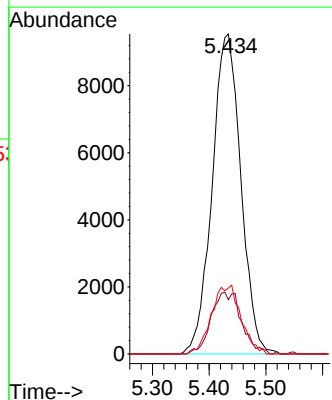
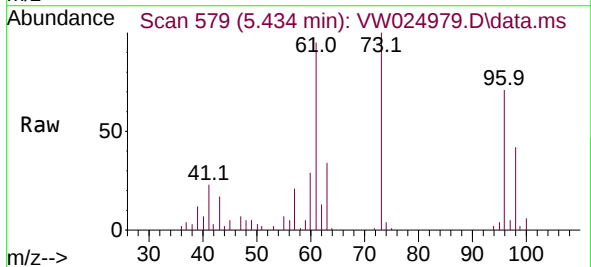
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

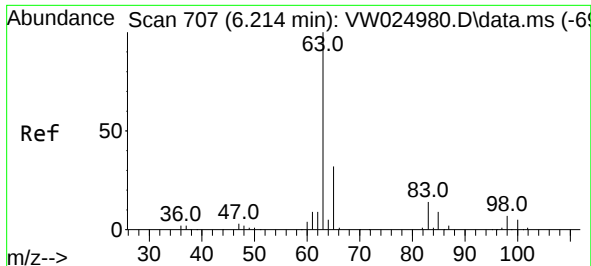
Tgt Ion: 96 Resp: 21001
Ion Ratio Lower Upper
96 100
61 126.6 97.6 181.2
98 62.1 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 4.961 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 73 Resp: 33540
Ion Ratio Lower Upper
73 100
43 12.1 16.6 24.8#
57 11.1 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 5.110 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

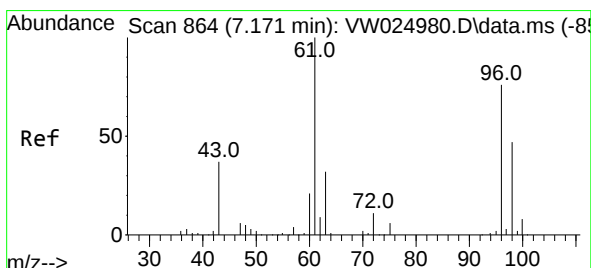
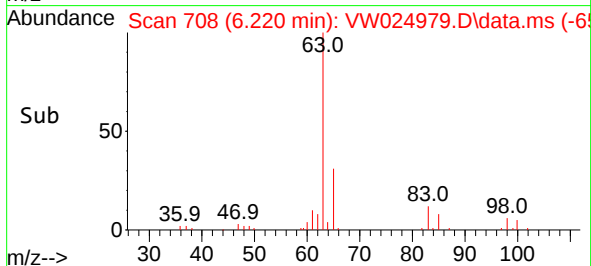
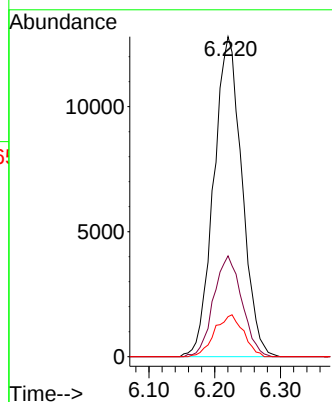
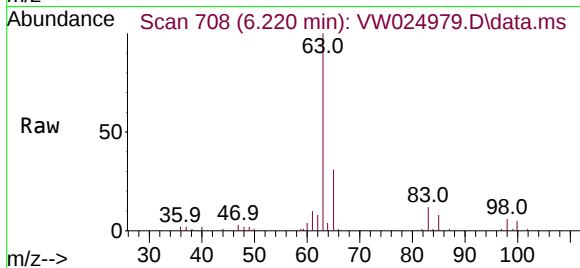
Tgt Ion: 63 Resp: 38131

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 12.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.975 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

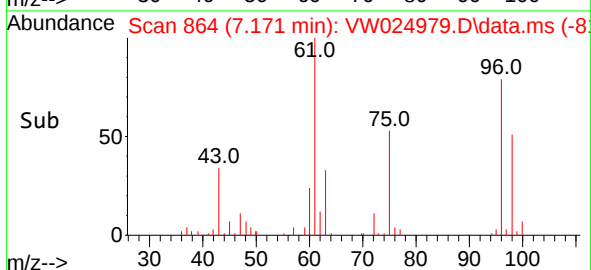
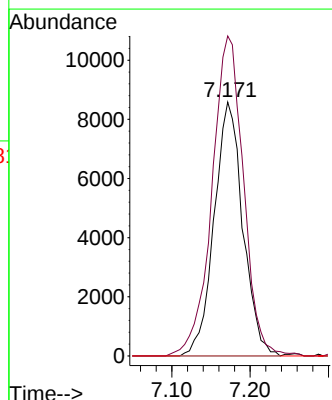
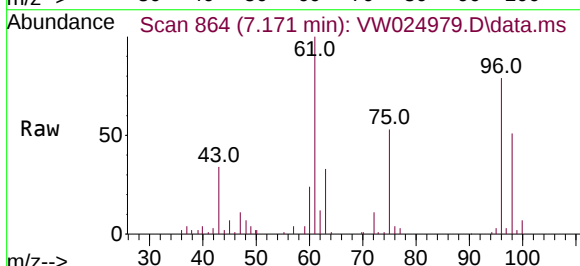
Tgt Ion: 96 Resp: 21855

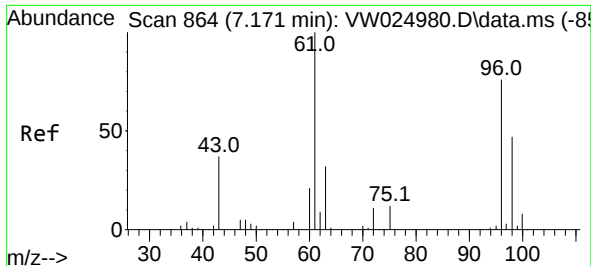
Ion Ratio Lower Upper

96 100

61 126.0 91.8 170.6

68 0.0 0.0 0.0

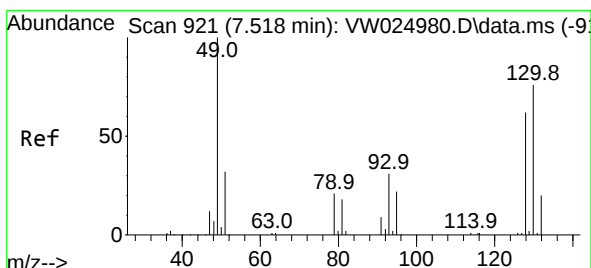
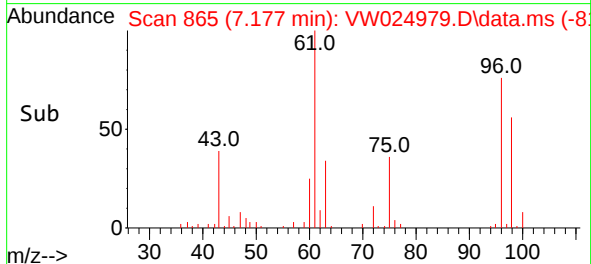
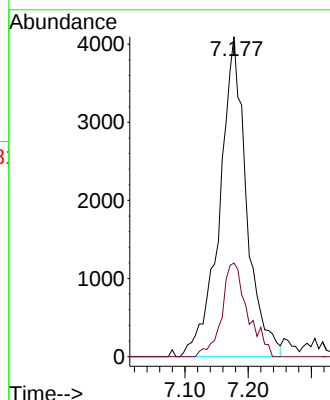
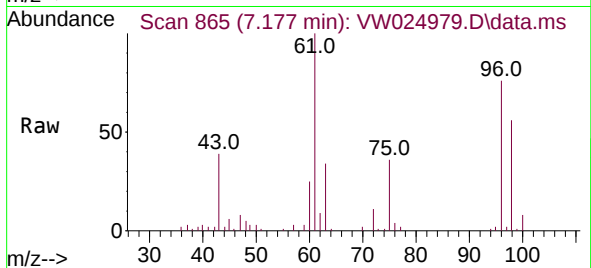




#22
2-Butanone
Concen: 9.891 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

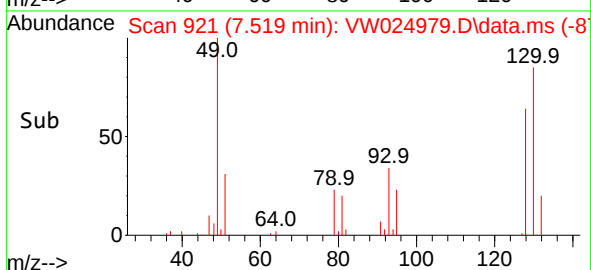
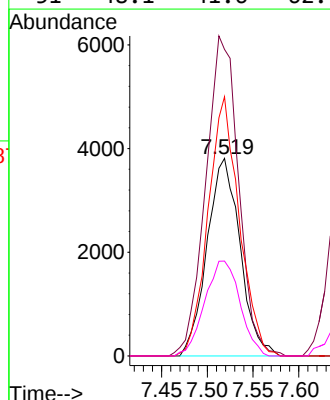
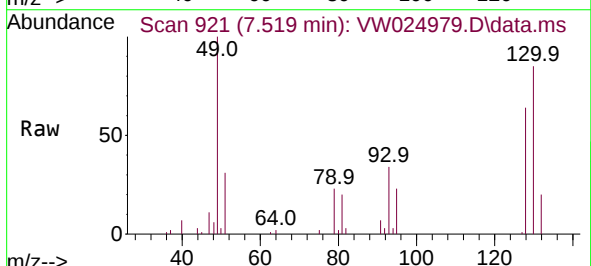
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

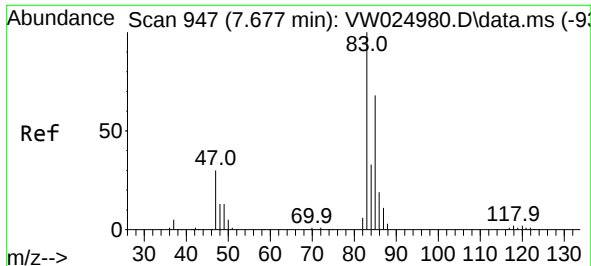
Tgt Ion: 43 Resp: 12101
Ion Ratio Lower Upper
43 100
72 28.1 14.6 44.0



#23
Bromochloromethane
Concen: 5.027 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 128 Resp: 9574
Ion Ratio Lower Upper
128 100
49 155.2 112.8 209.4
130 131.2 86.2 160.2
51 48.1 41.6 62.4

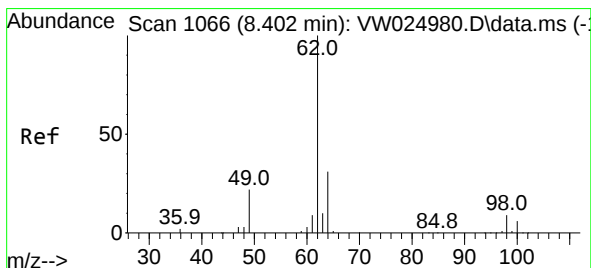
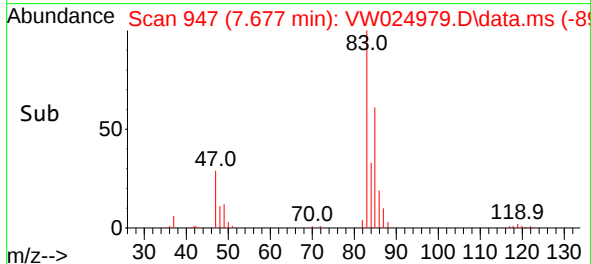
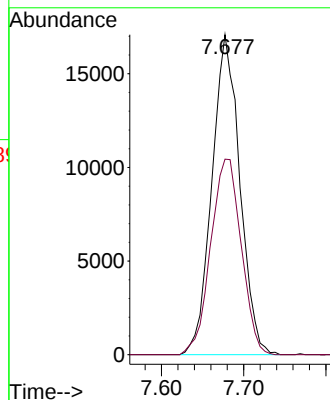
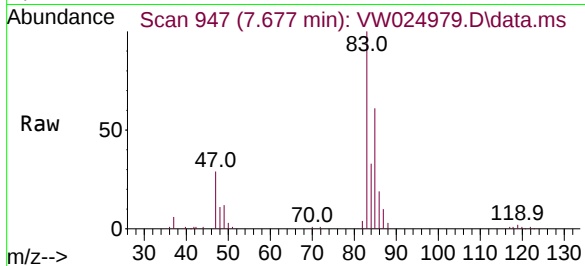




#25
Chloroform
Concen: 5.117 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

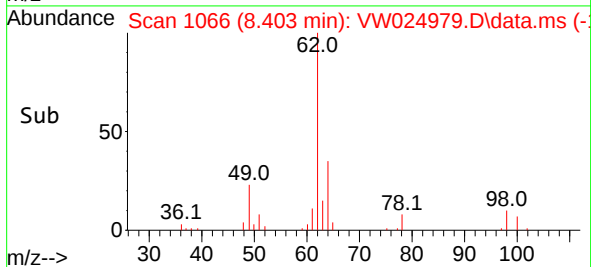
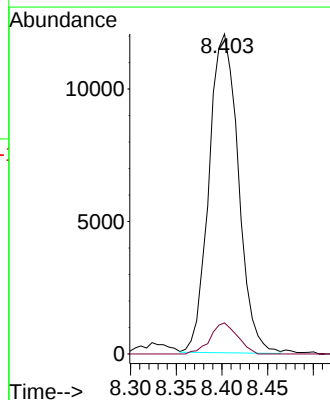
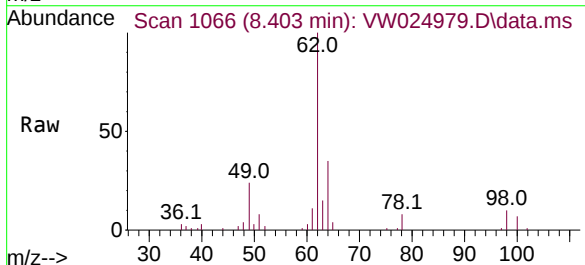
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

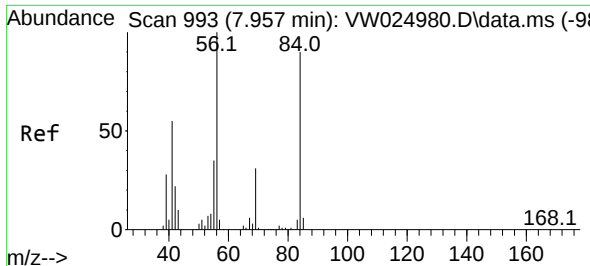
Tgt Ion: 83 Resp: 40295
Ion Ratio Lower Upper
83 100
85 61.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 5.046 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 62 Resp: 26956
Ion Ratio Lower Upper
62 100
98 9.7 7.0 10.4

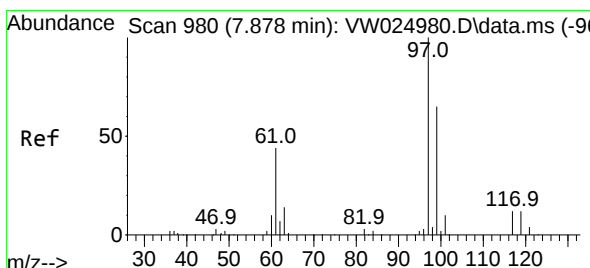
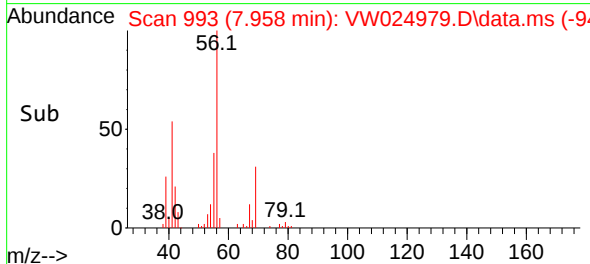
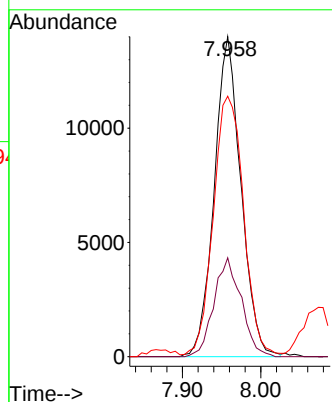
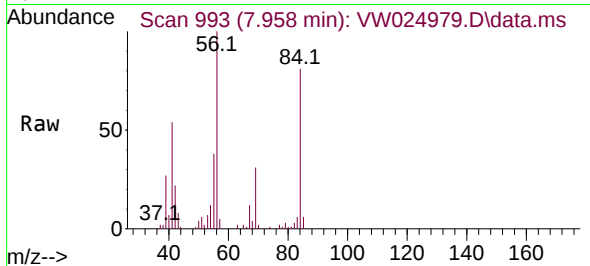




#29
Cyclohexane
Concen: 5.093 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

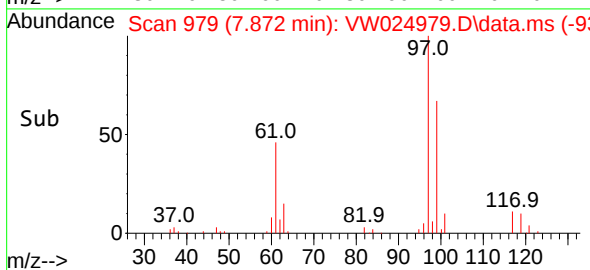
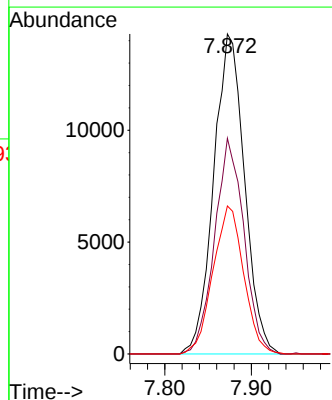
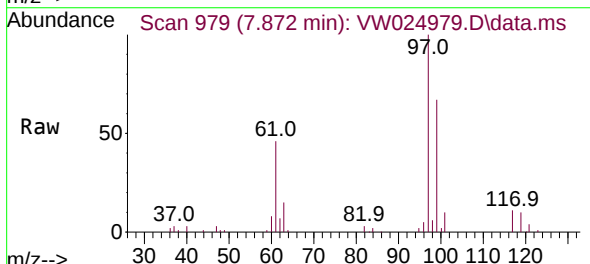
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

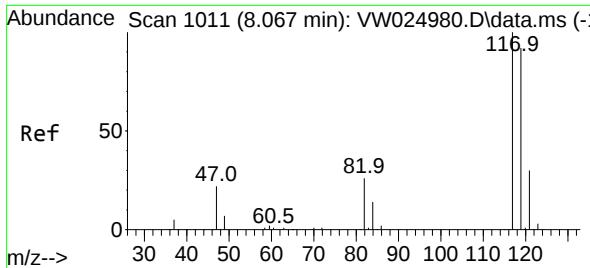
Tgt Ion: 56	Resp: 33169
Ion Ratio	Lower Upper
56	100
69	31.6 25.0 37.4
84	92.9 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 5.242 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 97	Resp: 35384
Ion Ratio	Lower Upper
97	100
99	63.9 51.8 77.8
61	46.0 36.6 54.8

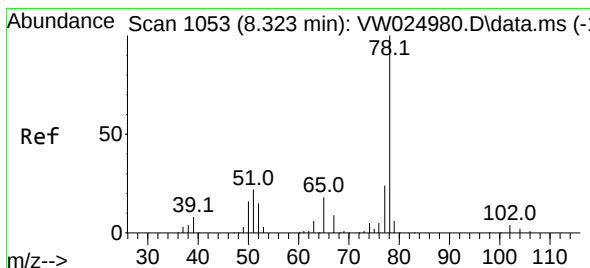
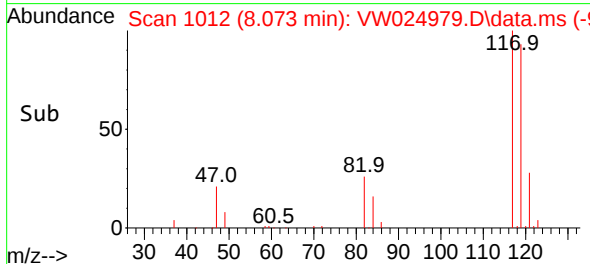
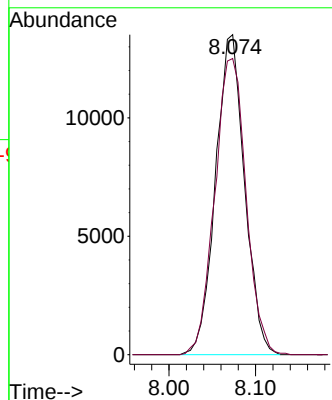
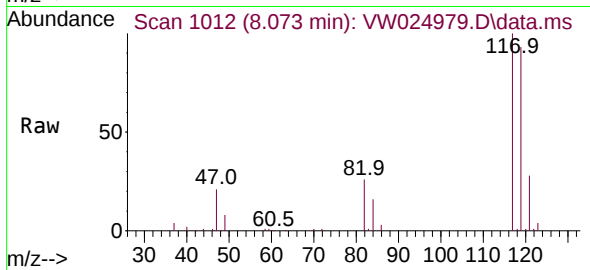




#31
Carbon tetrachloride
Concen: 5.214 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

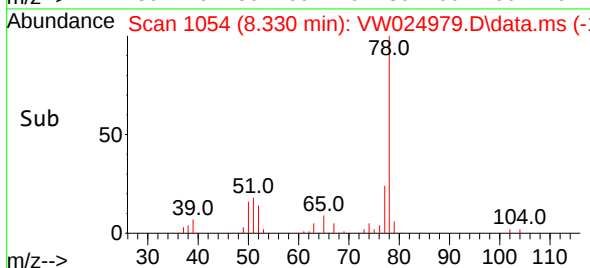
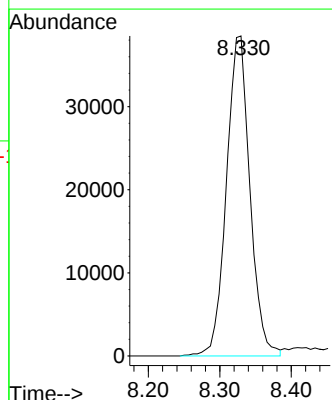
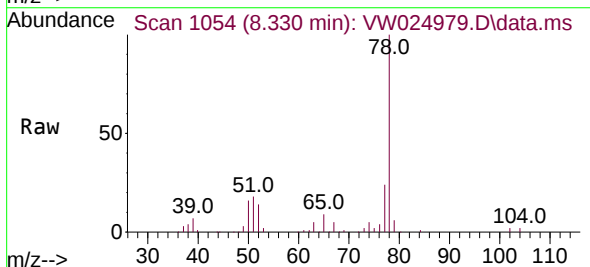
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

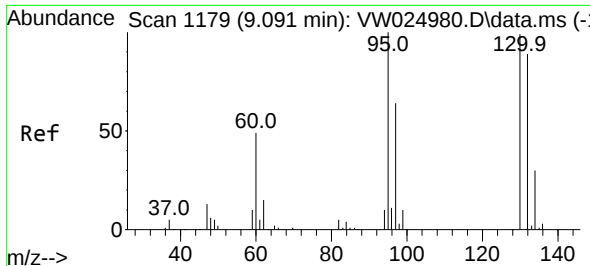
Tgt Ion:117 Resp: 31449
Ion Ratio Lower Upper
117 100
119 100.0 77.7 116.5



#33
Benzene
Concen: 5.287 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 78 Resp: 87811





#34

Trichloroethene

Concen: 5.271 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

Tgt Ion: 95 Resp: 23178

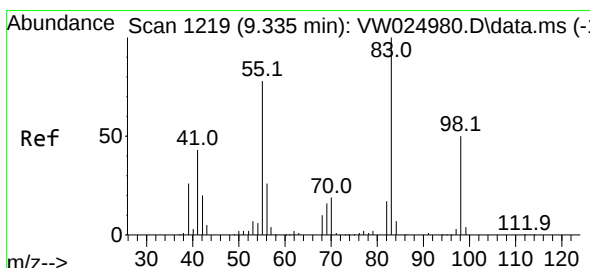
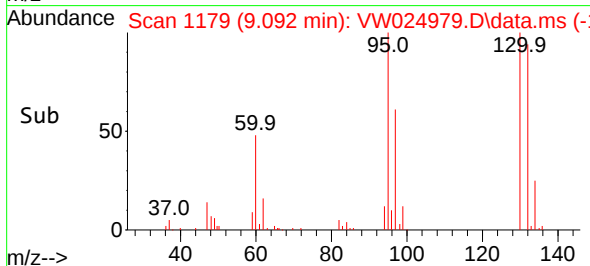
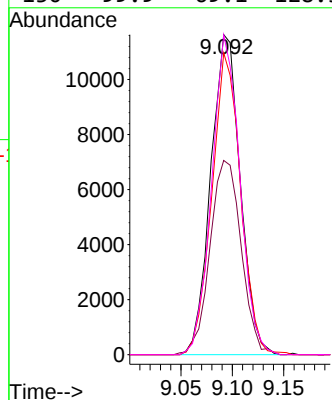
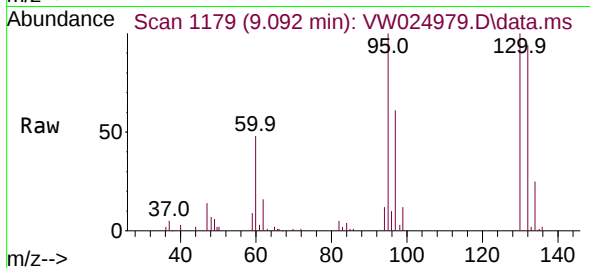
Ion Ratio Lower Upper

95 100

97 60.7 44.7 83.1

132 94.3 62.6 116.2

130 99.9 69.1 128.3



#35

Methylcyclohexane

Concen: 5.174 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

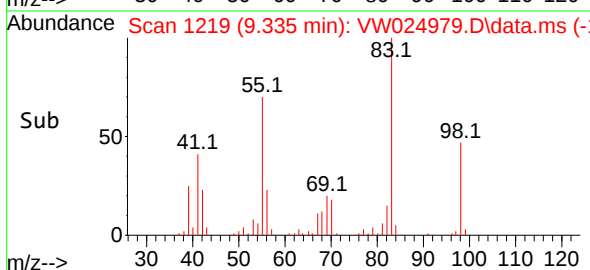
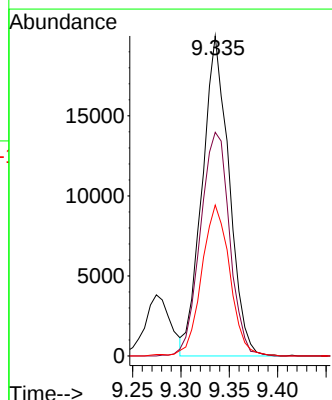
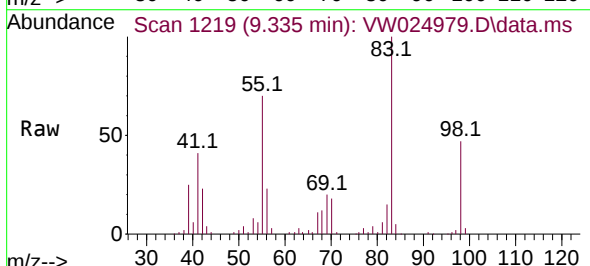
Tgt Ion: 83 Resp: 38658

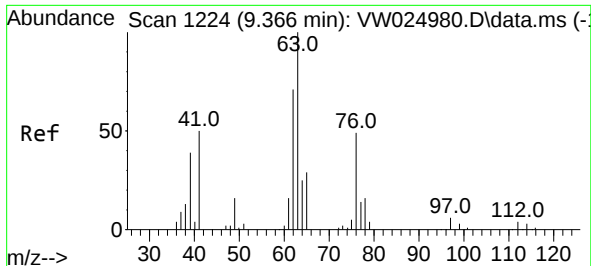
Ion Ratio Lower Upper

83 100

55 75.8 60.4 90.6

98 49.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.148 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

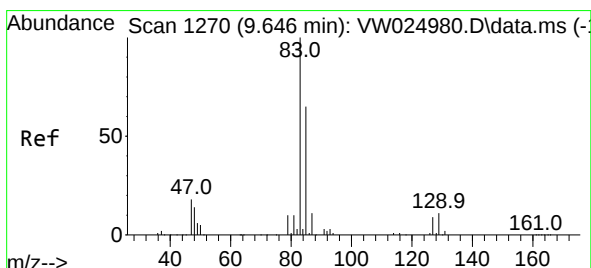
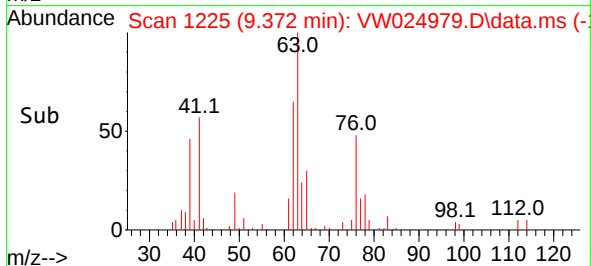
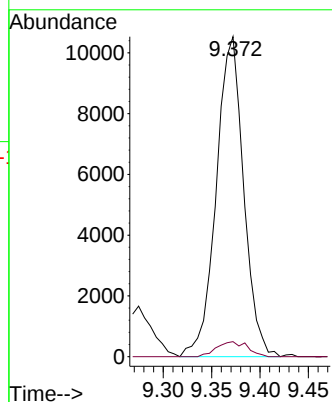
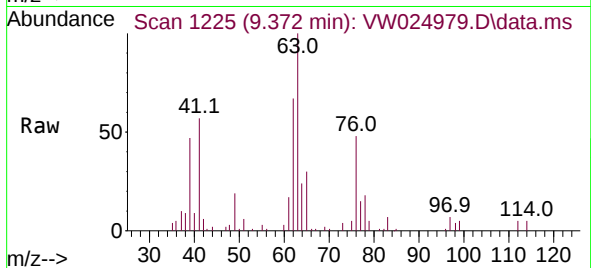
VSTD005462

Tgt Ion: 63 Resp: 20752

Ion Ratio Lower Upper

63 100

112 5.3 3.6 5.4



#38

Bromodichloromethane

Concen: 5.205 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

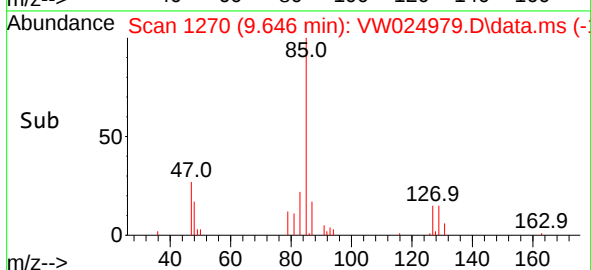
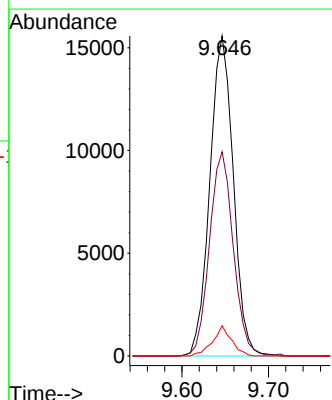
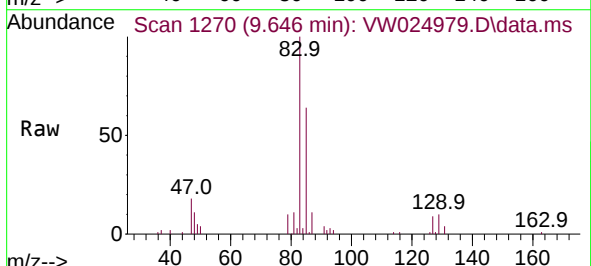
Tgt Ion: 83 Resp: 29285

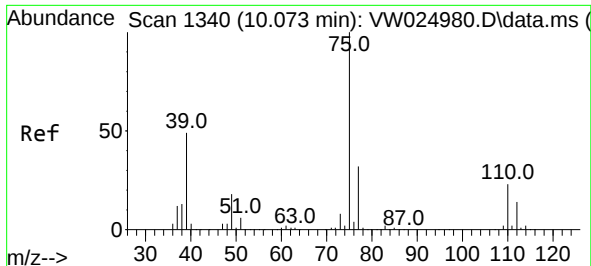
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0

127 9.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.817 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

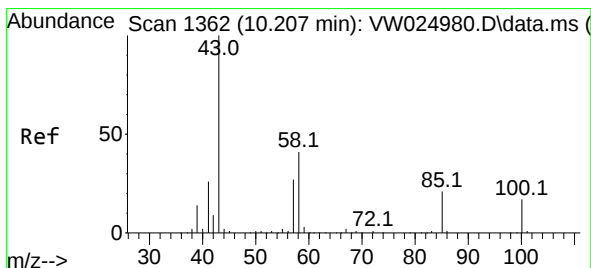
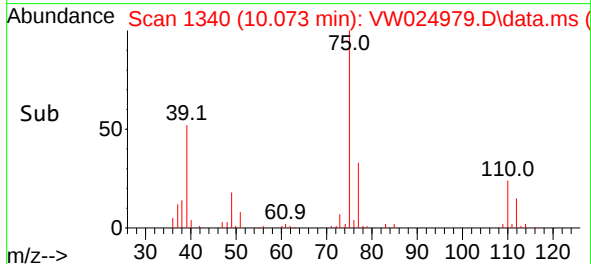
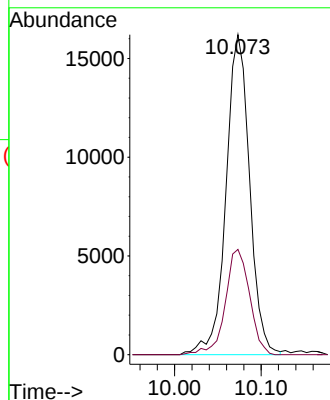
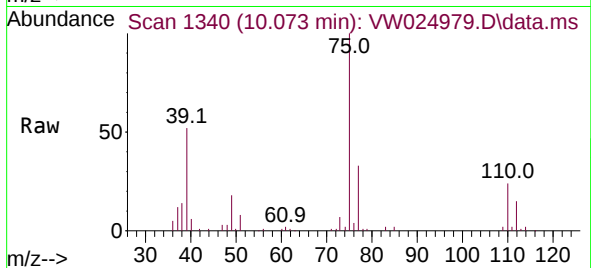
VSTD005462

Tgt Ion: 75 Resp: 30698

Ion Ratio Lower Upper

75 100

77 32.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 9.107 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

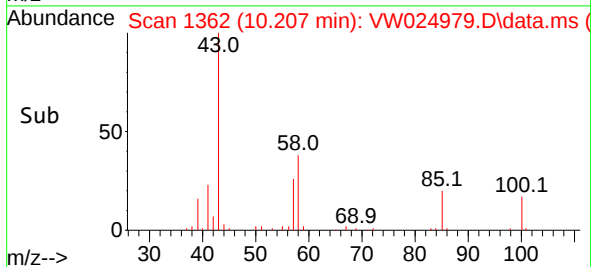
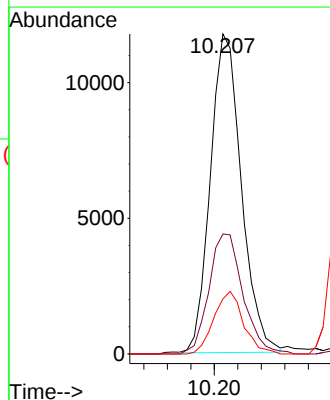
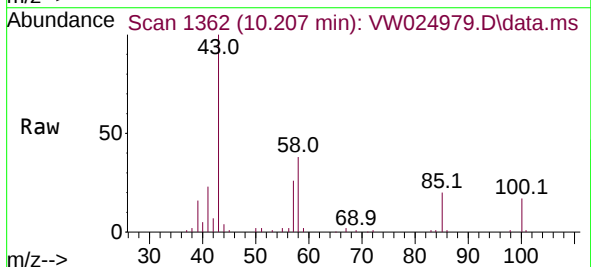
Tgt Ion: 43 Resp: 21546

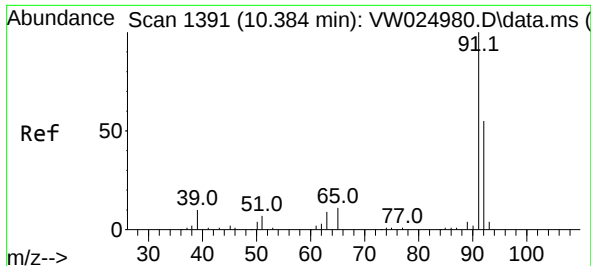
Ion Ratio Lower Upper

43 100

58 41.2 32.6 48.8

100 18.7 14.0 21.0





#42

Toluene

Concen: 5.126 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

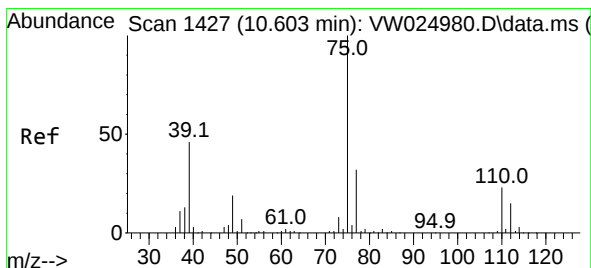
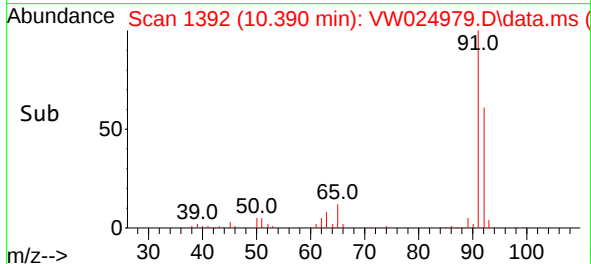
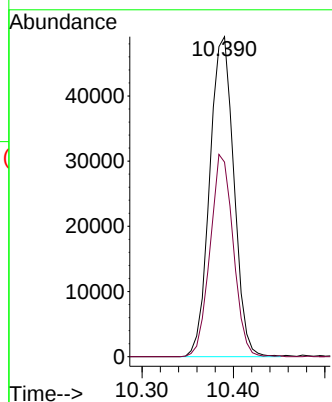
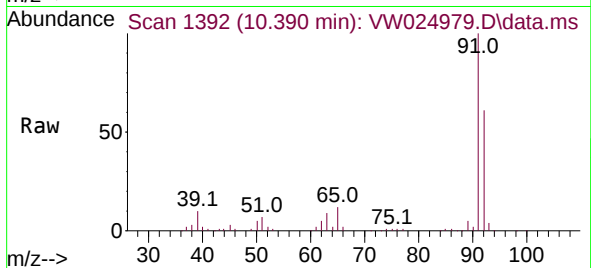
VSTD005462

Tgt Ion: 91 Resp: 90401

Ion Ratio Lower Upper

91 100

92 60.8 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 4.735 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024979.D

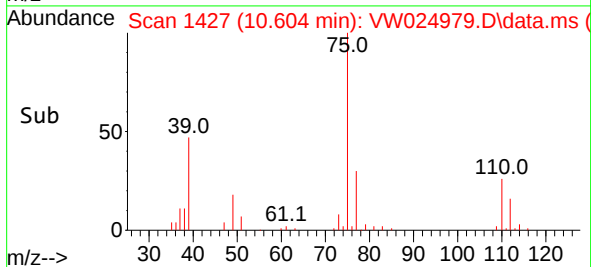
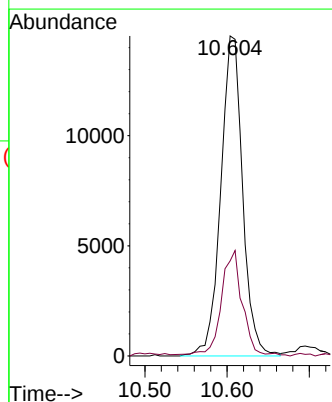
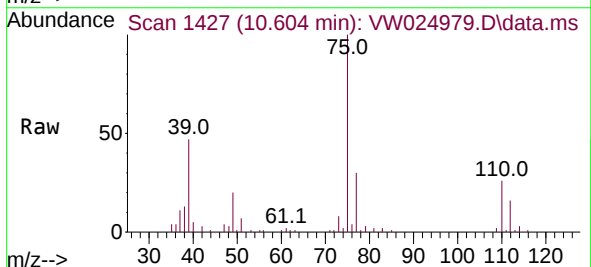
Acq: 26 Oct 2022 10:53

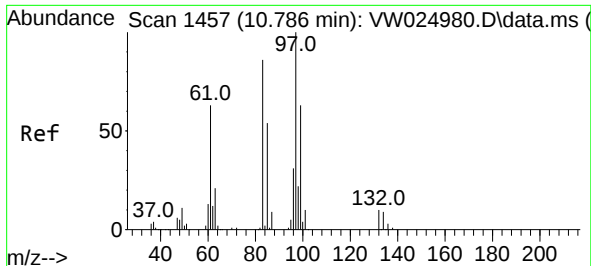
Tgt Ion: 75 Resp: 26827

Ion Ratio Lower Upper

75 100

77 29.7 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.020 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

Tgt Ion: 97 Resp: 15279

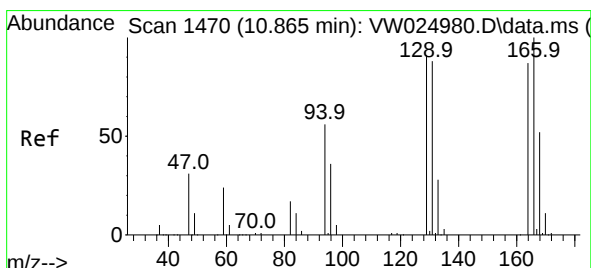
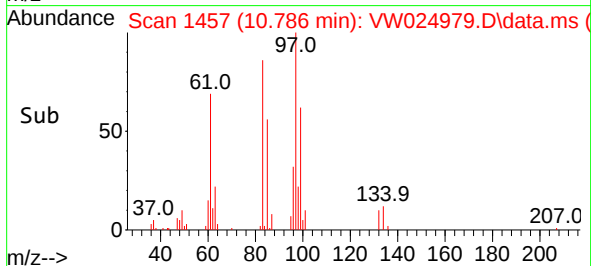
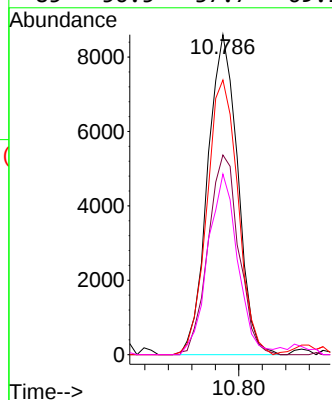
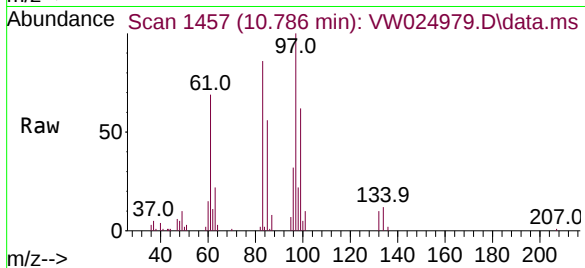
Ion Ratio Lower Upper

97 100

99 62.4 44.0 81.6

83 85.9 59.9 111.3

85 56.5 37.7 69.9



#46

Tetrachloroethene

Concen: 5.255 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Tgt Ion:164 Resp: 16524

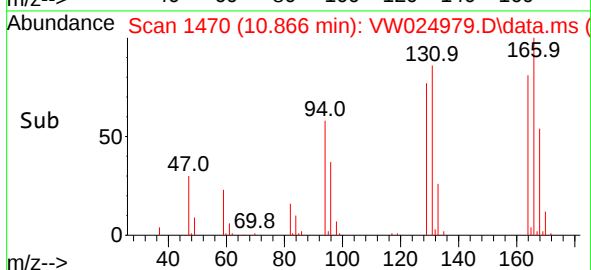
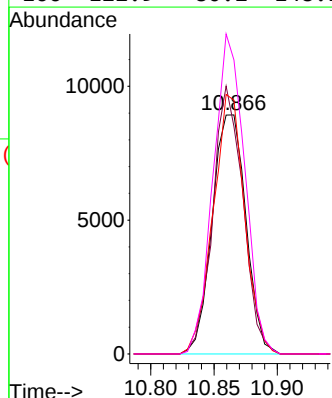
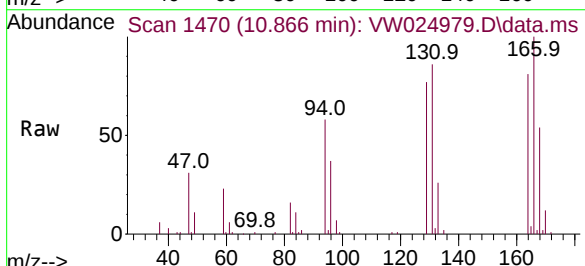
Ion Ratio Lower Upper

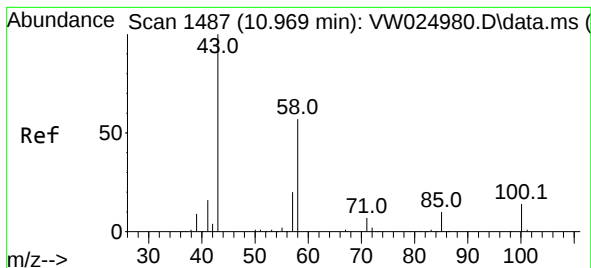
164 100

129 95.1 72.9 135.5

131 106.2 70.1 130.3

166 122.9 80.2 148.9

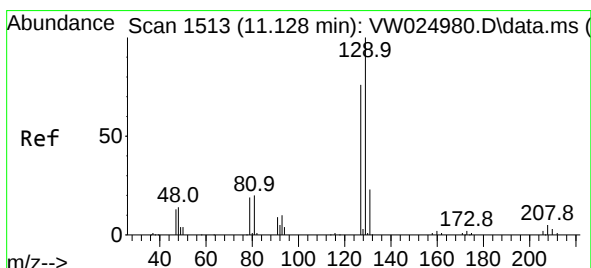
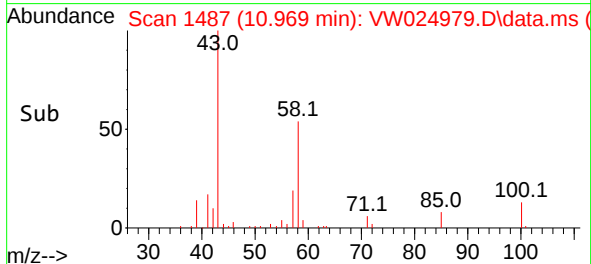
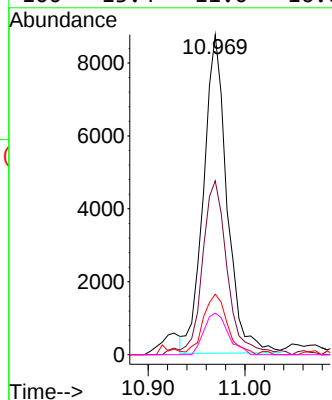
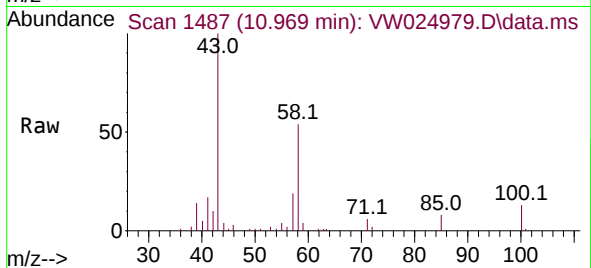




#48
2-Hexanone
Concen: 9.043 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

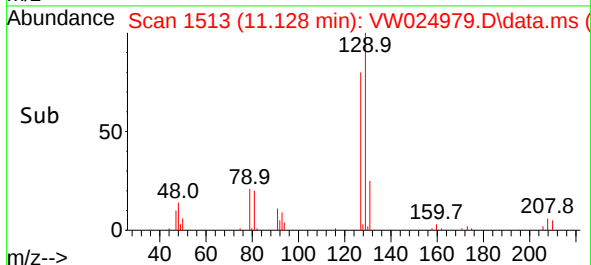
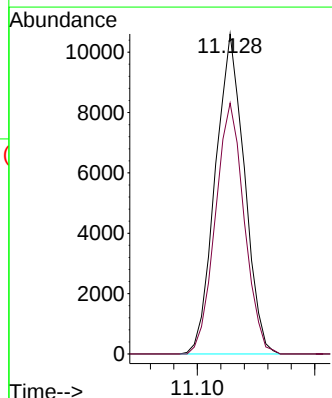
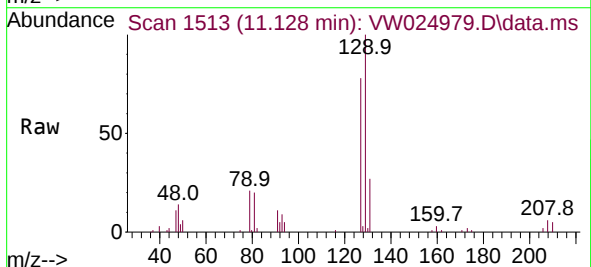
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

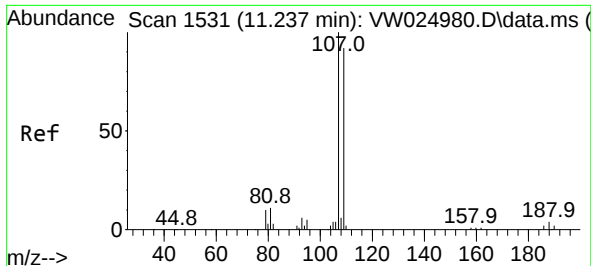
Tgt Ion: 43	Resp: 14796
Ion Ratio	Lower Upper
43 100	
58 56.7	46.1 69.1
57 19.4	16.2 24.2
100 13.4	11.0 16.6



#49
Dibromochloromethane
Concen: 4.920 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion:129	Resp:	18255	
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.2	98.8





#50

1,2-Dibromoethane

Concen: 5.034 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

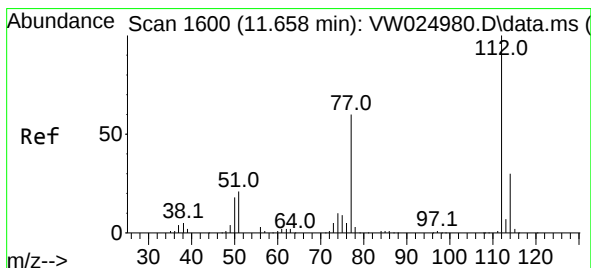
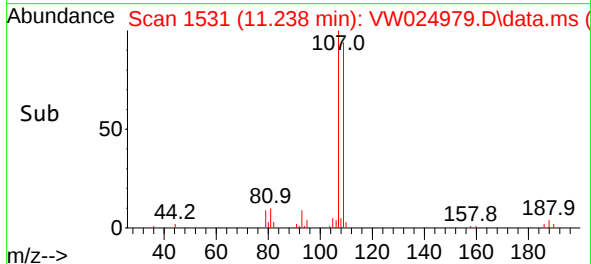
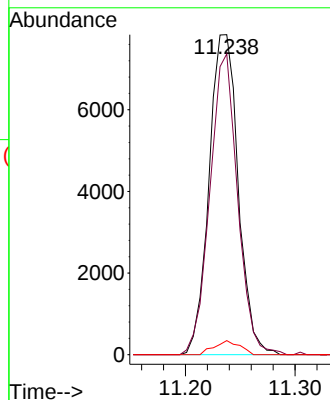
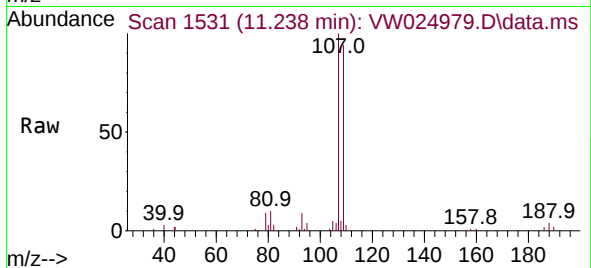
Tgt Ion:107 Resp: 14492

Ion Ratio Lower Upper

107 100

109 94.0 64.5 119.7

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 5.182 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

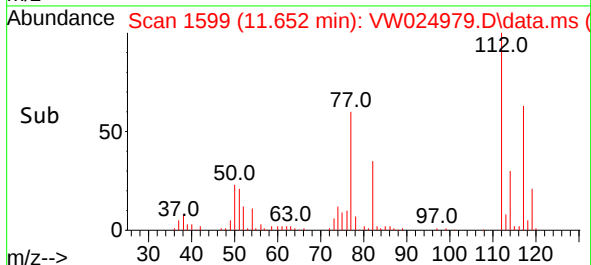
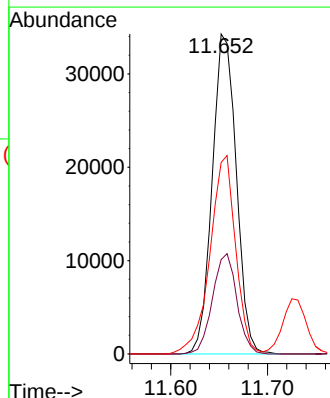
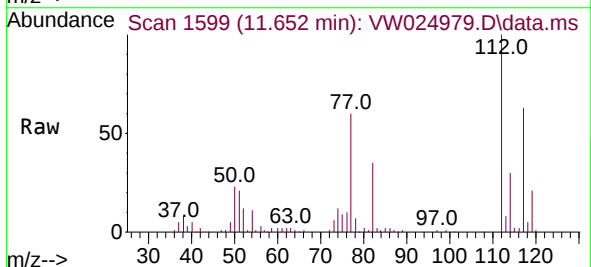
Tgt Ion:112 Resp: 59237

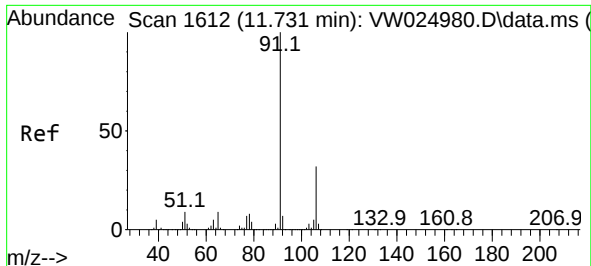
Ion Ratio Lower Upper

112 100

114 29.5 20.8 38.6

77 59.8 48.2 72.2

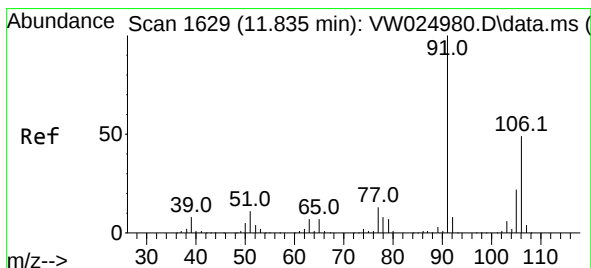
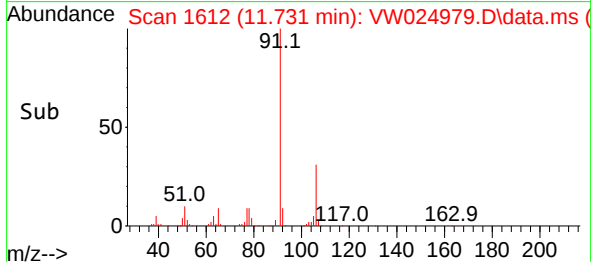
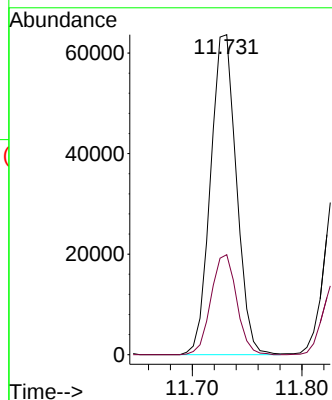
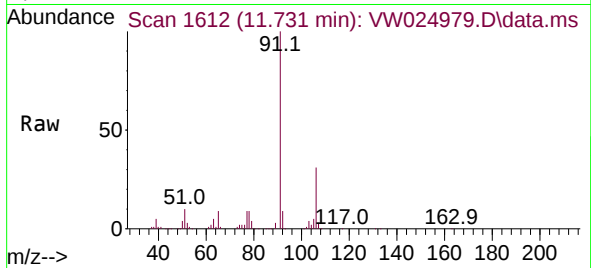




#52
Ethylbenzene
Concen: 5.139 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

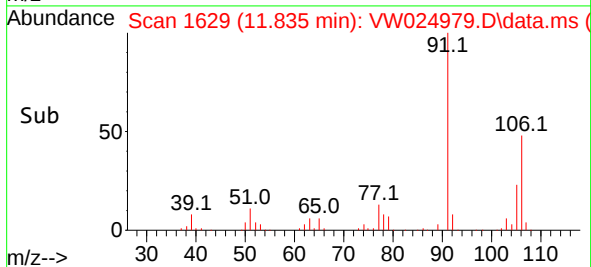
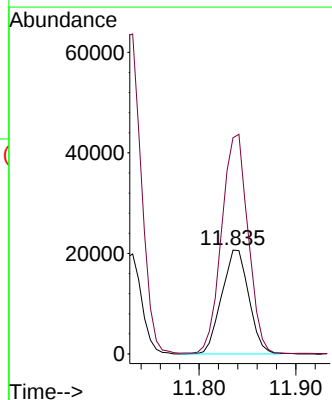
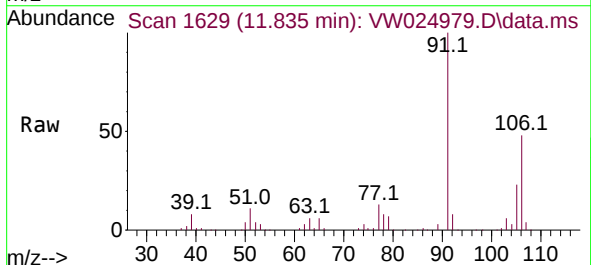
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

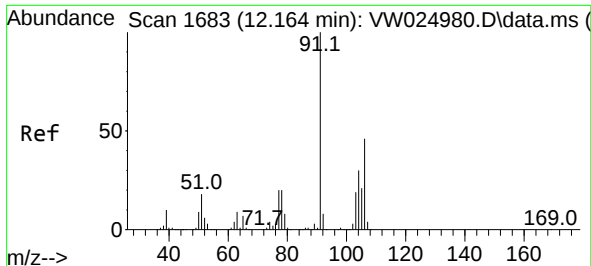
Tgt Ion: 91 Resp: 104609
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-Xylene
Concen: 5.103 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion:106 Resp: 40210
Ion Ratio Lower Upper
106 100
91 208.2 143.9 267.2

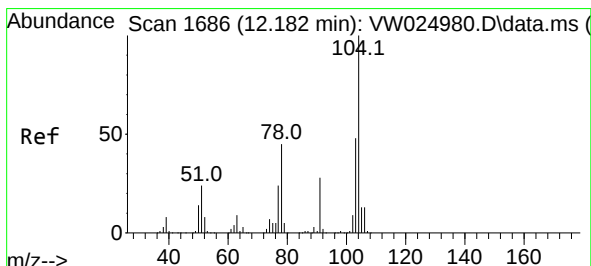
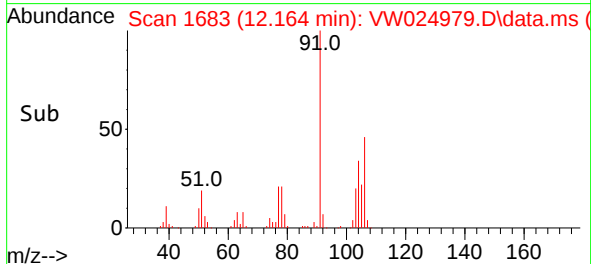
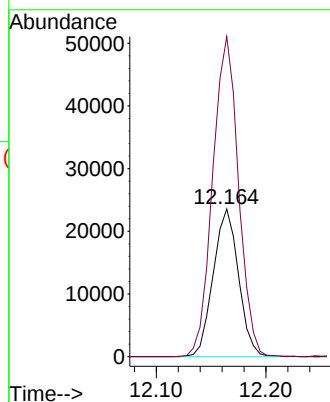
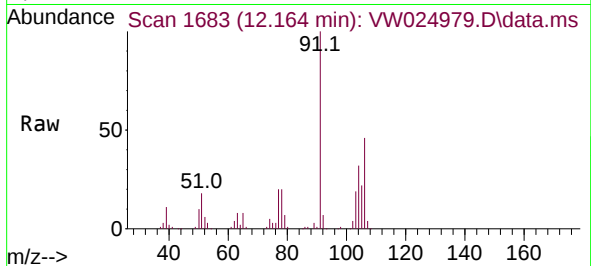




#54
o-Xylene
Concen: 5.083 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

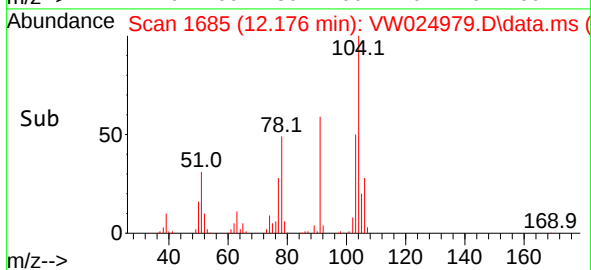
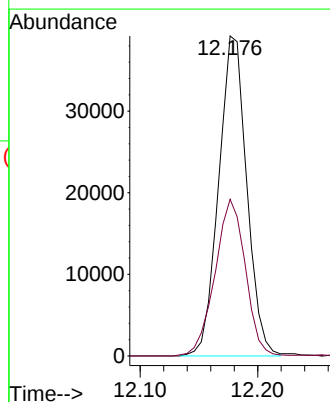
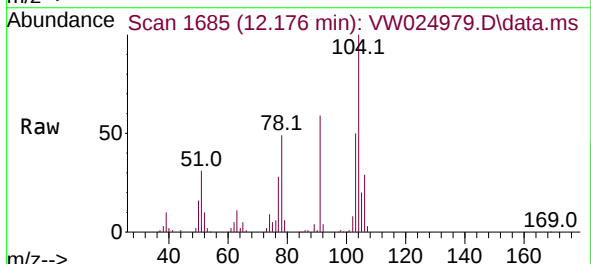
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

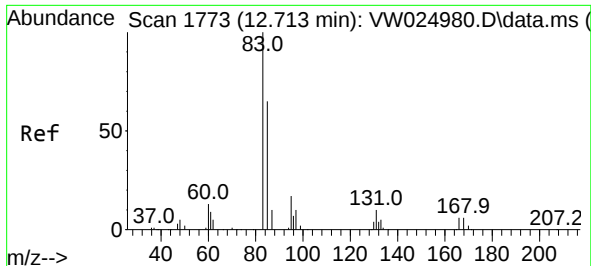
Tgt Ion:106 Resp: 37781
Ion Ratio Lower Upper
106 100
91 216.7 153.5 285.1



#55
Styrene
Concen: 5.047 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion:104 Resp: 65156
Ion Ratio Lower Upper
104 100
78 48.9 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.899 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

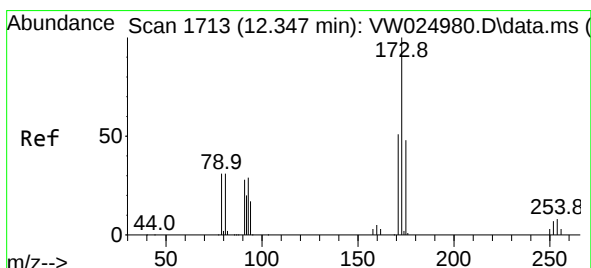
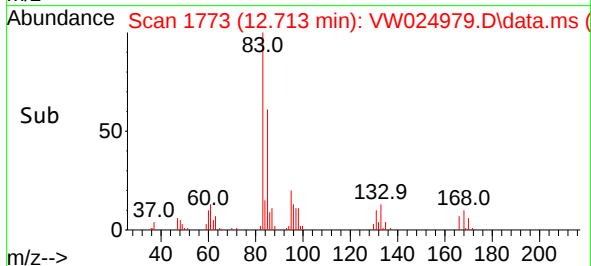
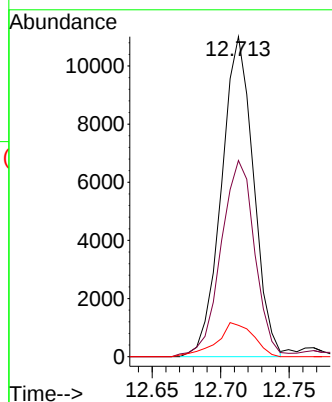
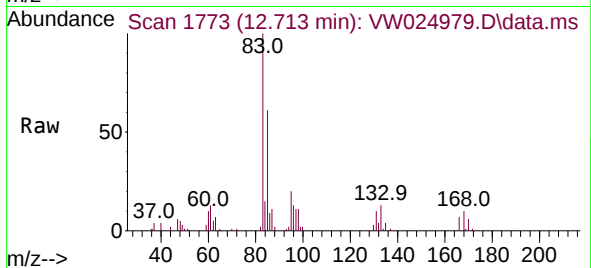
Tgt Ion: 83 Resp: 17888

Ion Ratio Lower Upper

83 100

85 61.3 46.4 86.2

131 9.8 8.2 12.4



#59

Bromoform

Concen: 4.833 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

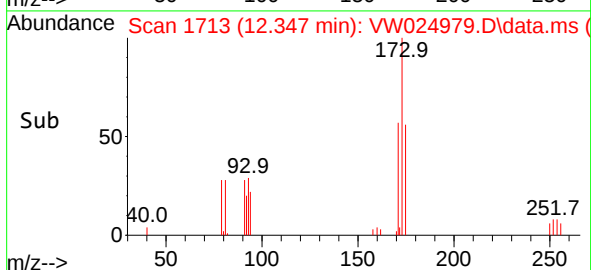
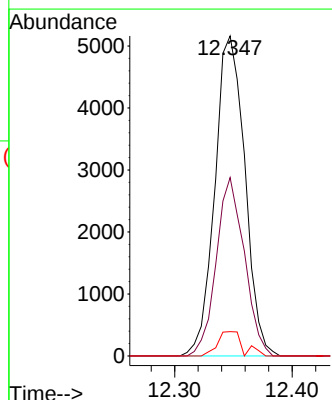
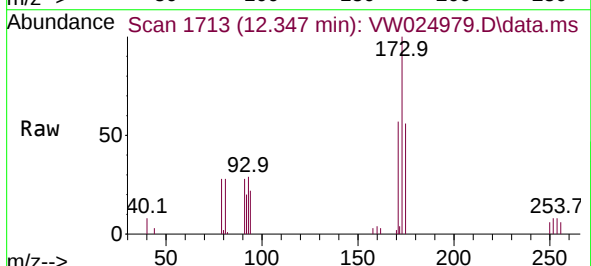
Tgt Ion: 173 Resp: 9146

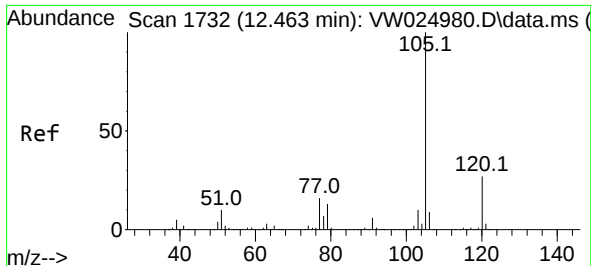
Ion Ratio Lower Upper

173 100

175 52.2 37.4 56.2

254 5.5 5.8 8.8#

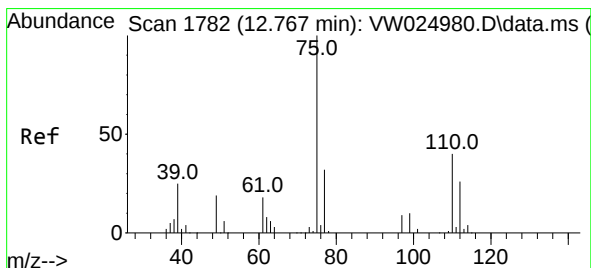
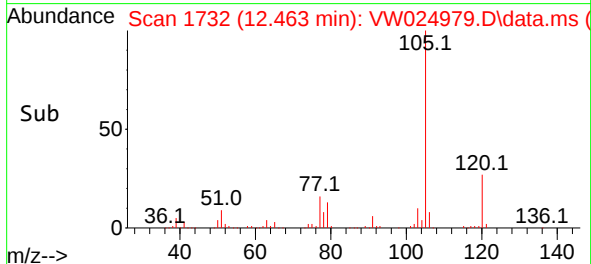
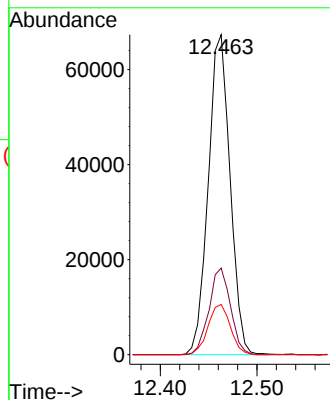
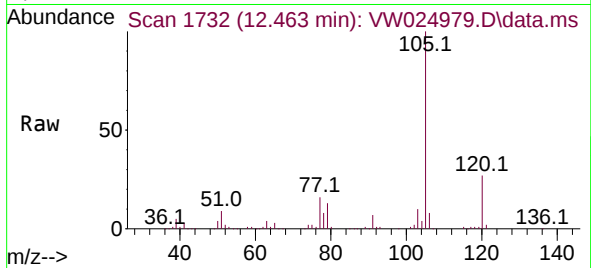




#60
Isopropylbenzene
Concen: 5.256 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

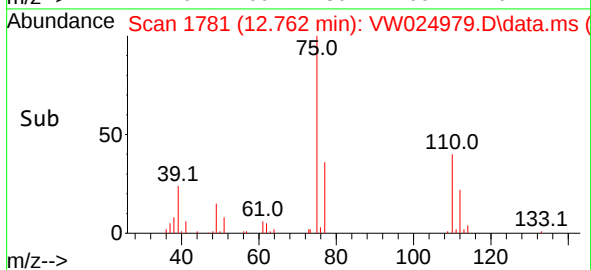
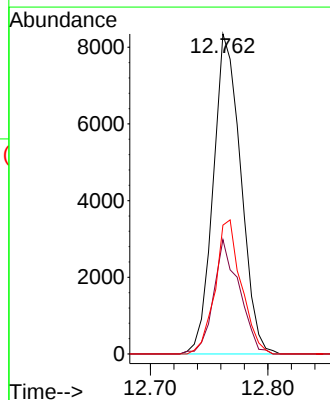
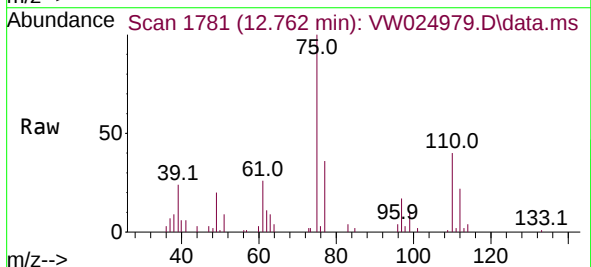
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

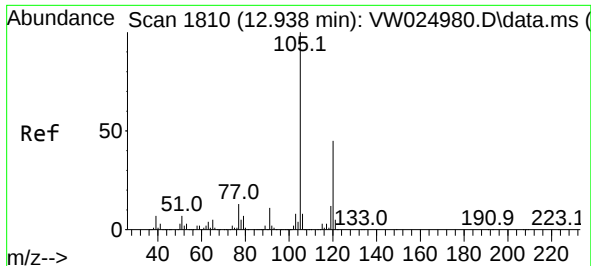
Tgt Ion:105 Resp: 105728
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.064 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion: 75 Resp: 13611
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5
110 39.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 5.197 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

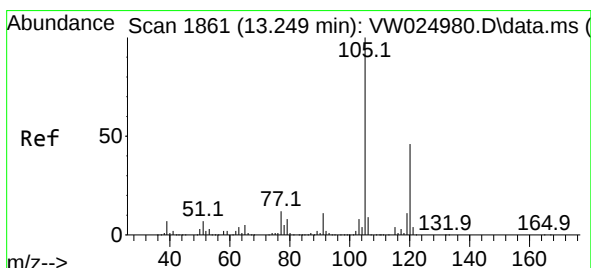
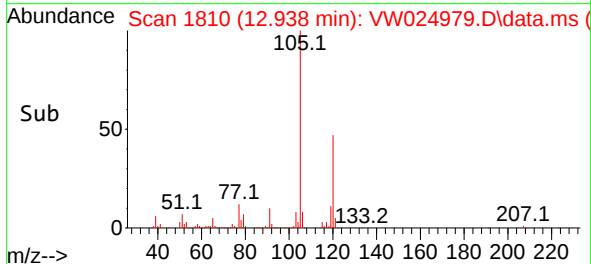
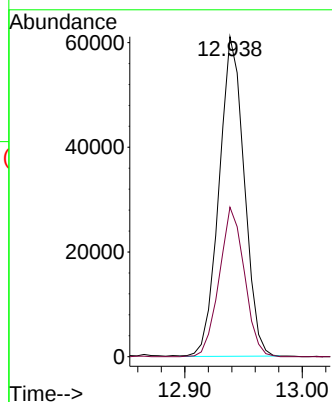
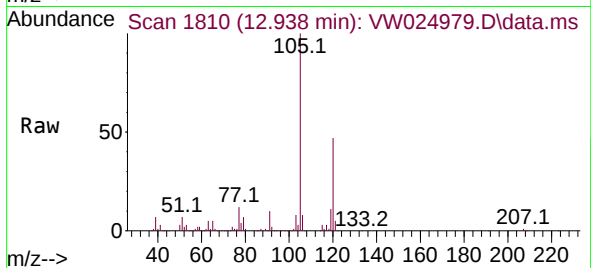
VSTD005462

Tgt Ion:105 Resp: 90749

Ion Ratio Lower Upper

105 100

120 46.7 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 5.263 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024979.D

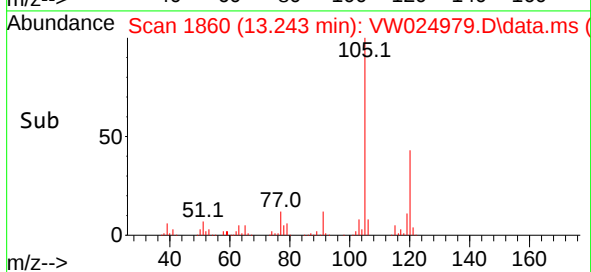
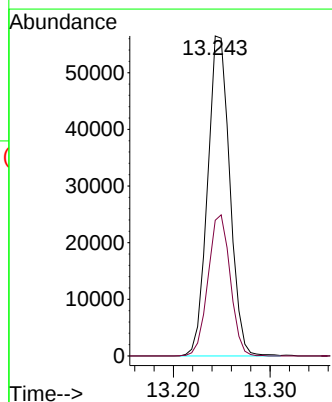
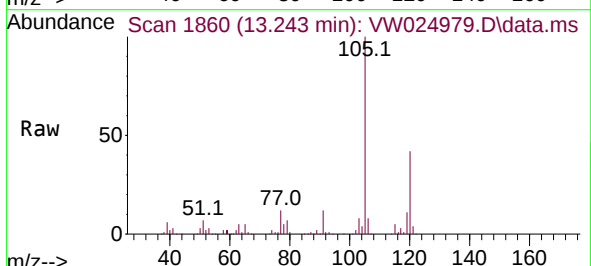
Acq: 26 Oct 2022 10:53

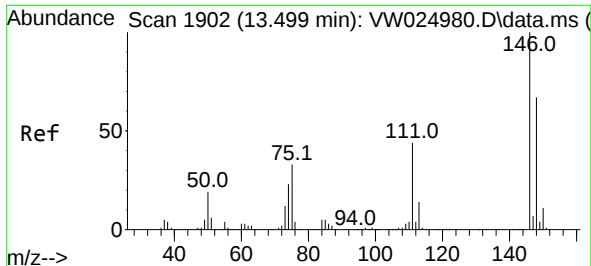
Tgt Ion:105 Resp: 90119

Ion Ratio Lower Upper

105 100

120 44.0 35.7 53.5

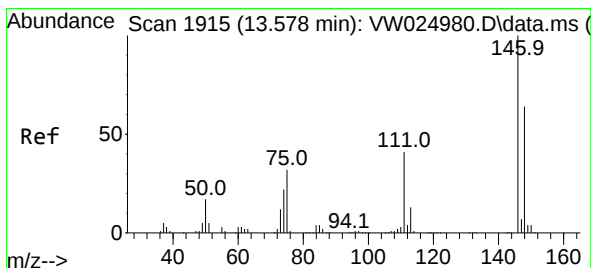
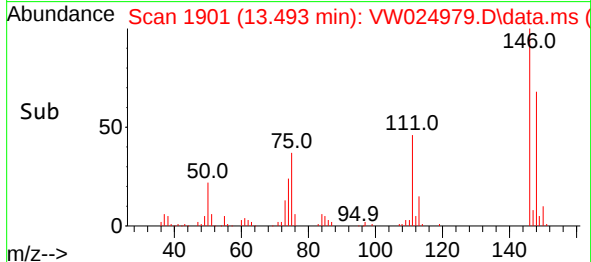
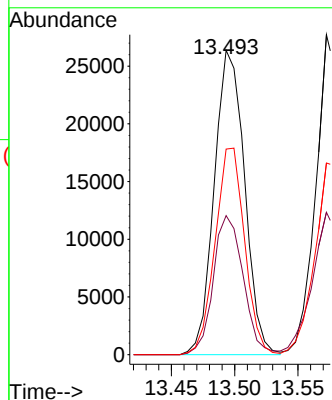
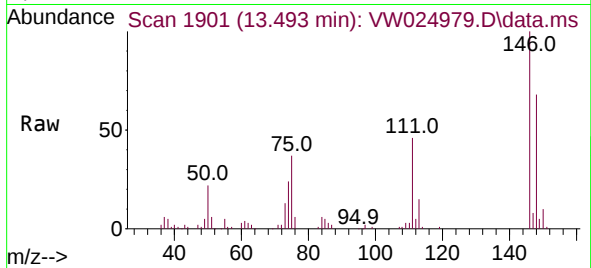




#64
1,3-Dichlorobenzene
Concen: 5.241 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

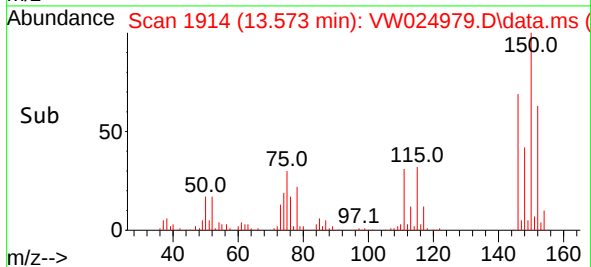
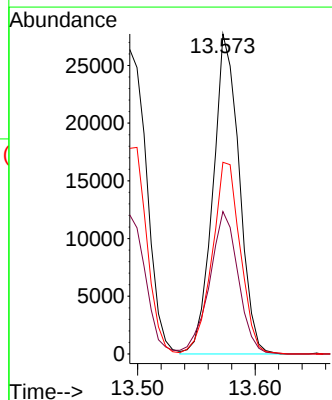
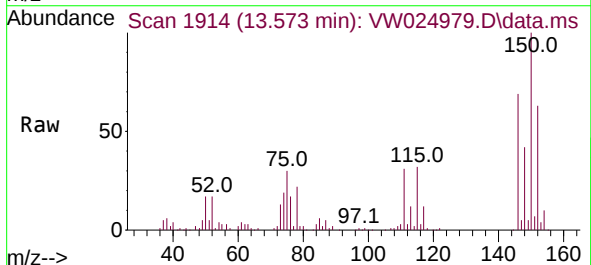
Instrument :
MSVOA_W
ClientSampleId :
VSTD005462

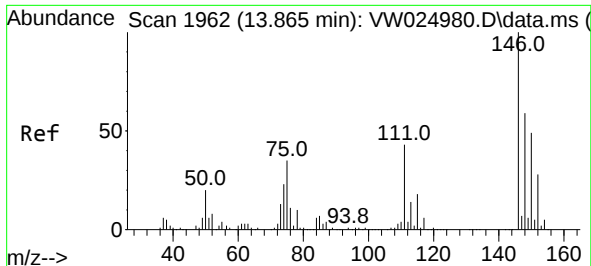
Tgt Ion:146 Resp: 43967
Ion Ratio Lower Upper
146 100
111 45.7 31.1 57.7
148 67.5 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 5.135 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024979.D
Acq: 26 Oct 2022 10:53

Tgt Ion:146 Resp: 42983
Ion Ratio Lower Upper
146 100
111 44.5 28.8 53.6
148 59.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.368 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

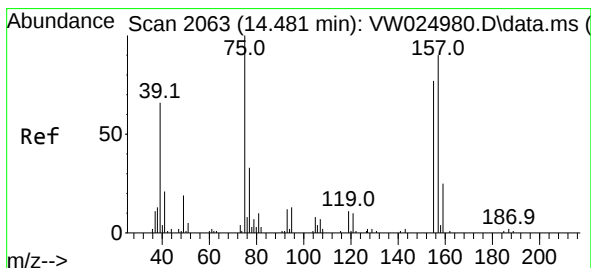
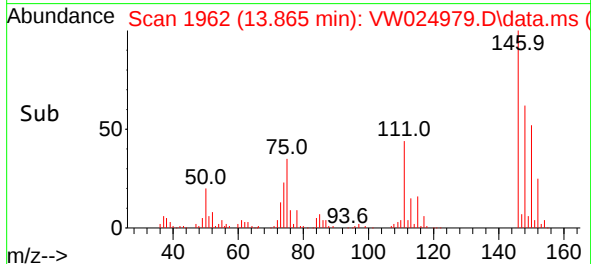
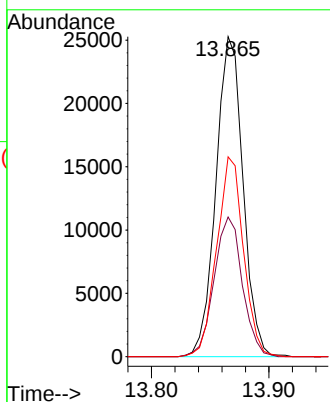
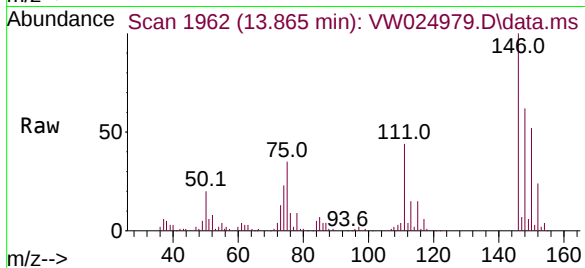
Tgt Ion:146 Resp: 40492

Ion Ratio Lower Upper

146 100

111 43.6 34.2 51.4

148 62.4 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.810 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

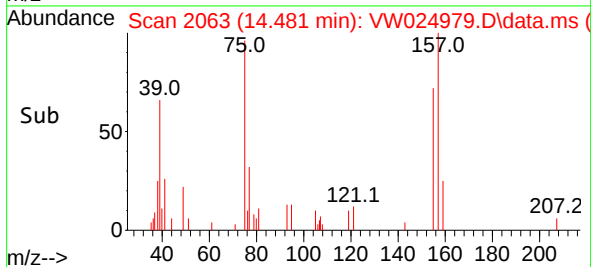
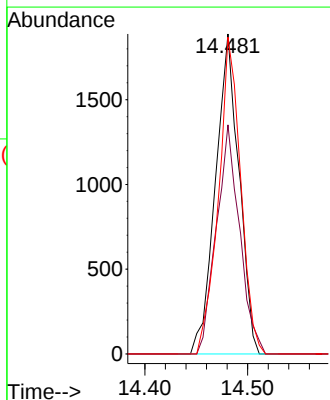
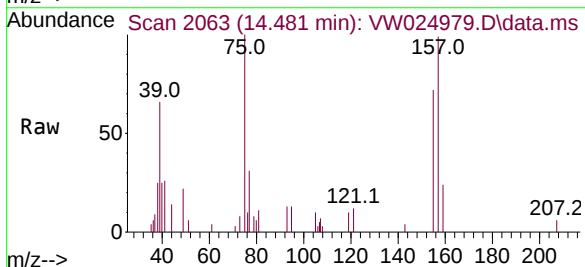
Tgt Ion: 75 Resp: 2988

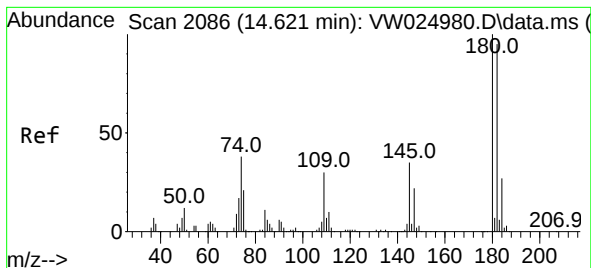
Ion Ratio Lower Upper

75 100

155 71.6 61.2 91.8

157 99.0 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 5.287 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

Tgt Ion:180 Resp: 29381

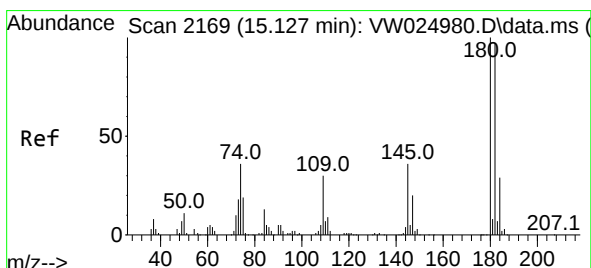
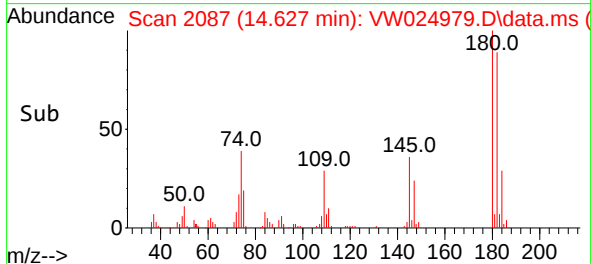
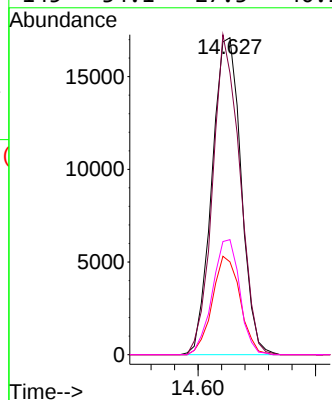
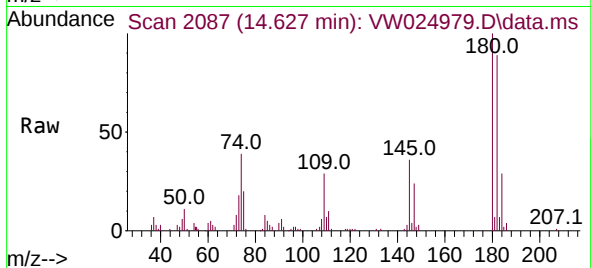
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

184 29.9 23.4 35.2

145 34.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 4.806 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

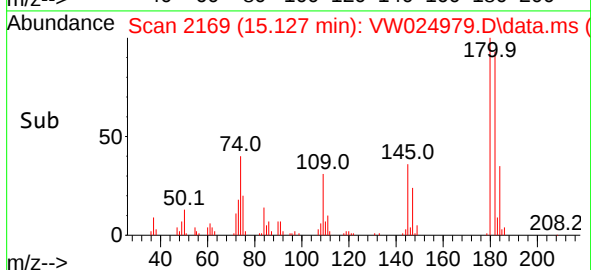
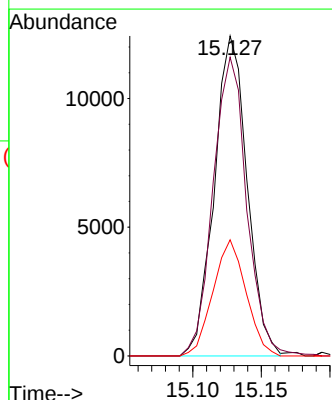
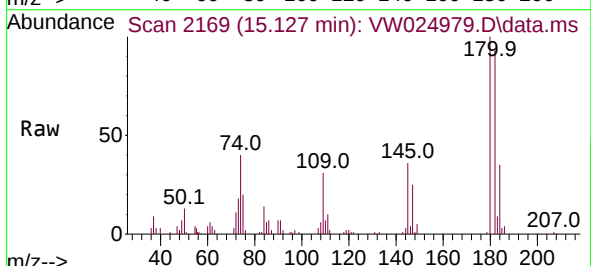
Tgt Ion:180 Resp: 20758

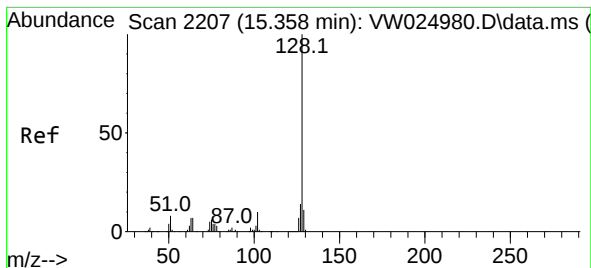
Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

145 36.5 27.0 40.4





#71

Naphthalene

Concen: 4.351 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD005462

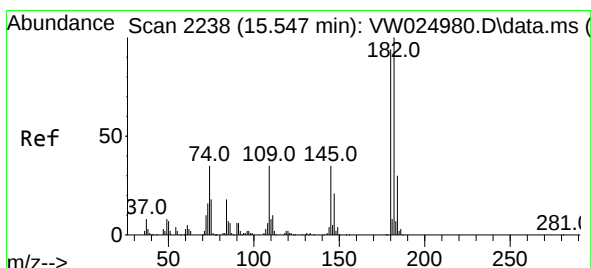
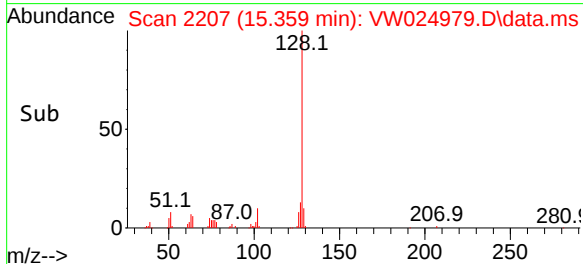
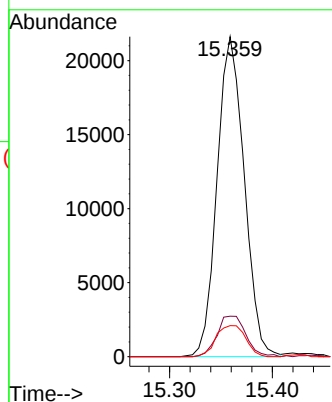
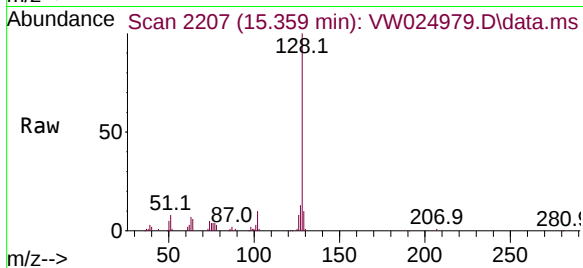
Tgt Ion:128 Resp: 39645

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.841 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024979.D

Acq: 26 Oct 2022 10:53

Tgt Ion:180 Resp: 18216

Ion Ratio Lower Upper

180 100

182 98.3 74.1 111.1

145 37.1 28.2 42.2

