

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
 Data File : VW021882.D
 Acq On : 13 Jan 2022 11:26
 Operator : SY/VA
 Sample : N1114-09
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLQ1

Quant Time: Jan 14 00:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	140666	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	107045	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	30150	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38430	14.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.800%
7) Chloroethane-d5	2.879	69	32283	13.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.680%
11) 1,1-Dichloroethene-d2	4.038	63	511762	123.984	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	495.920%#
21) 2-Butanone-d5	7.086	46	20125	54.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.080%
24) Chloroform-d	7.653	84	86520	19.039	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	8.305	65	44390	20.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.920%
32) Benzene-d6	8.275	84	170499	24.547	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	9.275	67	43769	23.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	146572	20.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	10.579	79	16425	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.520%
47) 2-Hexanone-d5	10.921	63	13463	54.195	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.400%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29989	20.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	24877	20.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.280%

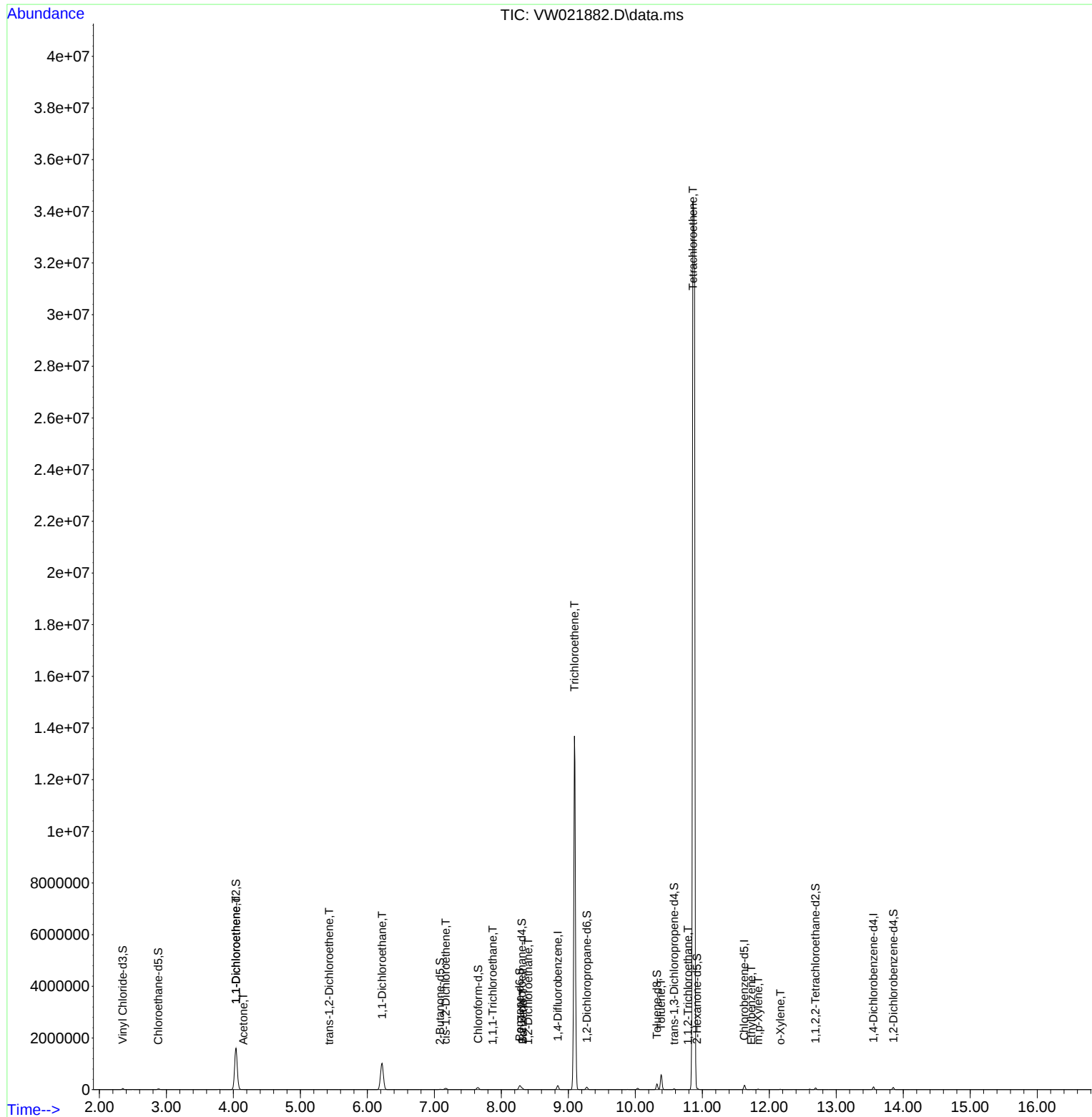
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	954340	454.528	ug/L	# 57
13) Acetone	4.147	43	4034	13.231	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	2724	1.201	ug/L	79
19) 1,1-Dichloroethane	6.220	63	1442273	433.473	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	32652	13.990	ug/L	65
27) 1,2-Dichloroethane	8.403	62	4976	2.183	ug/L	# 89
30) 1,1,1-Trichloroethane	7.872	97	1384	0.499	ug/L	# 76
33) Benzene	8.323	78	5041	0.768	ug/L	100
34) Trichloroethene	9.092	95	3826729	2009.506	ug/L	90
42) Toluene	10.384	91	437948	59.489	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	716	0.590	ug/L	# 72
46) Tetrachloroethene	10.860	164	11806044	6269.454	ug/L	95
52) Ethylbenzene	11.731	91	4860	0.594	ug/L	93
53) m,p-Xylene	11.835	106	6698	1.959	ug/L	77
54) o-Xylene	12.164	106	3914	1.233	ug/L	90

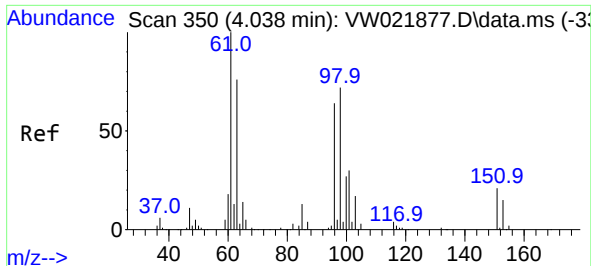
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 23:48:31 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 454.528 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW021882.D

Acq: 13 Jan 2022 11:26

Instrument :

MSVOA_W

ClientSampleId :

BGLQ1

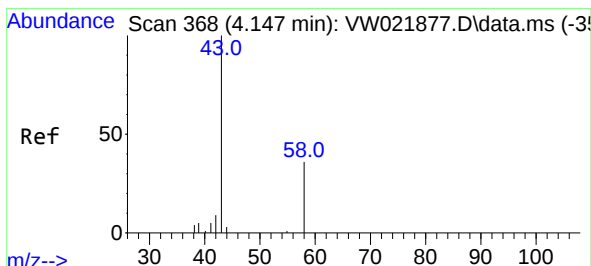
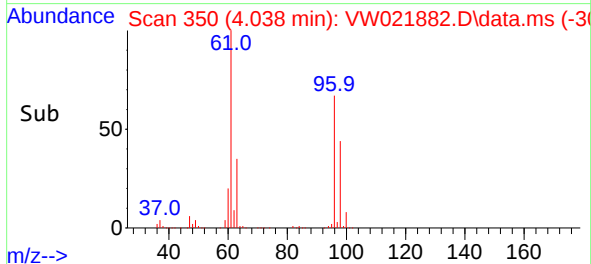
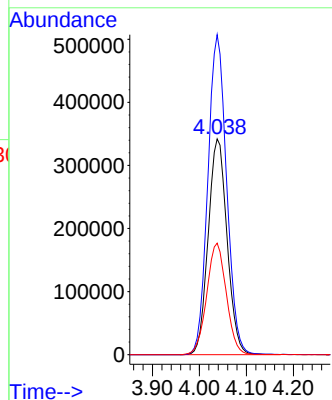
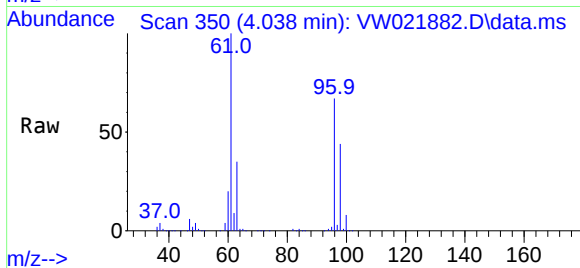
Tgt Ion: 96 Resp: 954340

Ion Ratio Lower Upper

96 100

61 148.2 138.3 256.9

63 51.6 82.6 153.4#



#13

Acetone

Concen: 13.231 ug/L

RT: 4.147 min Scan# 368

Delta R.T. 0.000 min

Lab File: VW021882.D

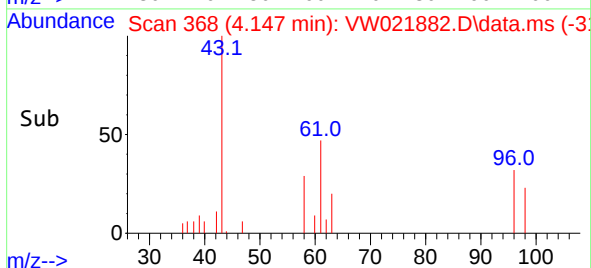
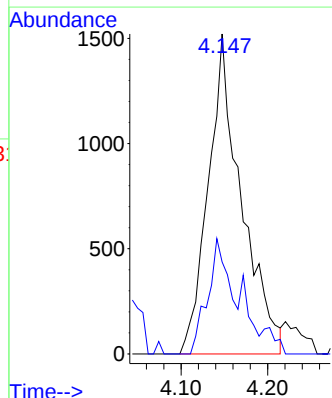
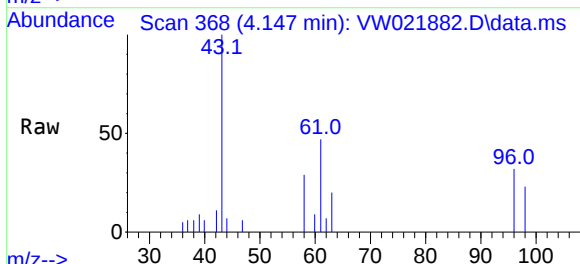
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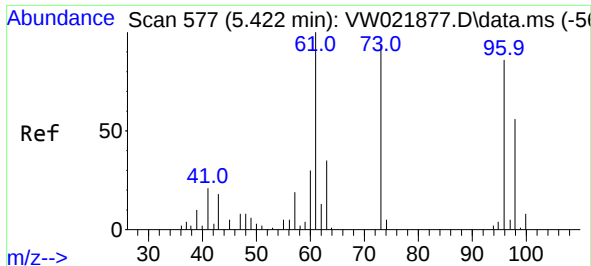
Tgt Ion: 43 Resp: 4034

Ion Ratio Lower Upper

43 100

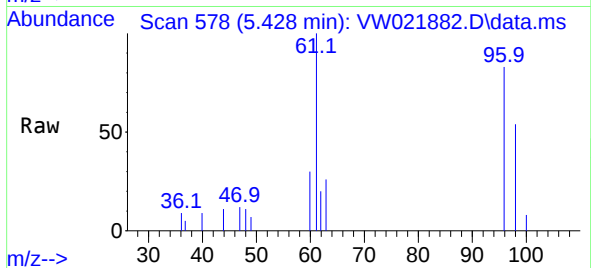
58 24.4 0.0 52.8



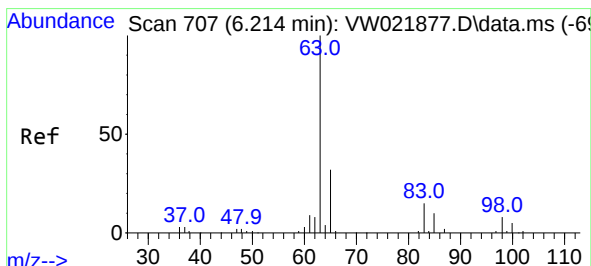
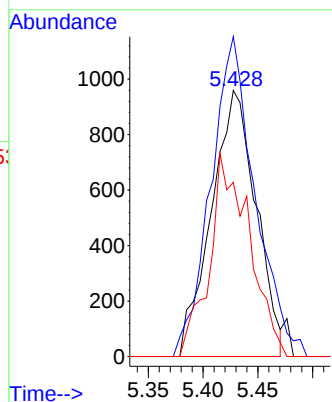


#17
trans-1,2-Dichloroethene
Concen: 1.201 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Instrument :
MSVOA_W
ClientSampleId :
BGLQ1

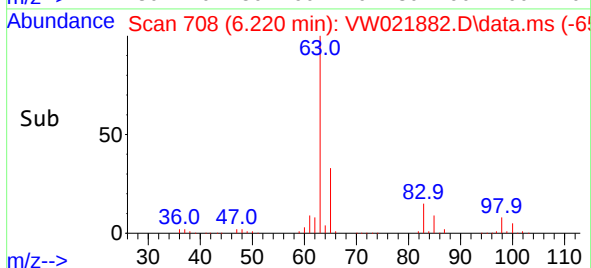
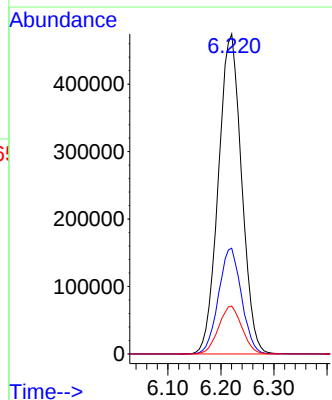
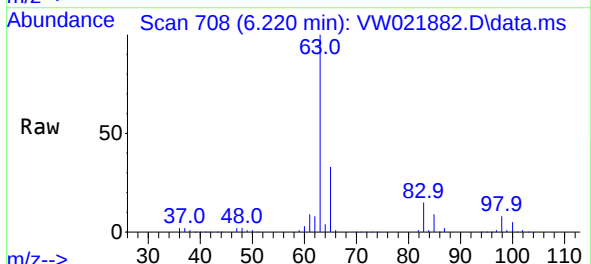


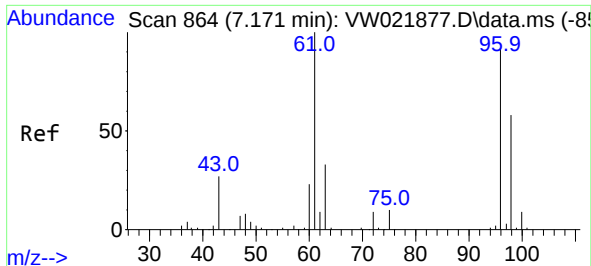
Tgt Ion: 96 Resp: 2724
Ion Ratio Lower Upper
96 100
61 120.2 107.4 199.4
98 65.5 41.2 76.6



#19
1,1-Dichloroethane
Concen: 433.473 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion: 63 Resp: 1442273
Ion Ratio Lower Upper
63 100
65 33.1 22.1 41.1
83 14.9 9.2 17.2

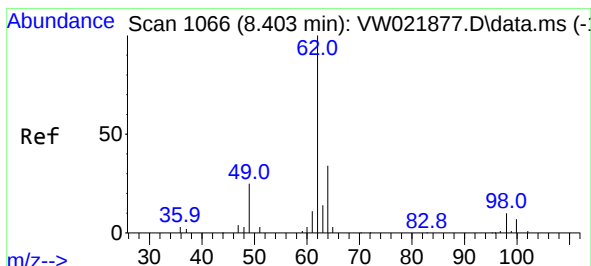
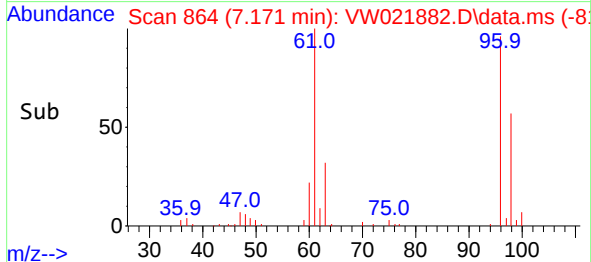
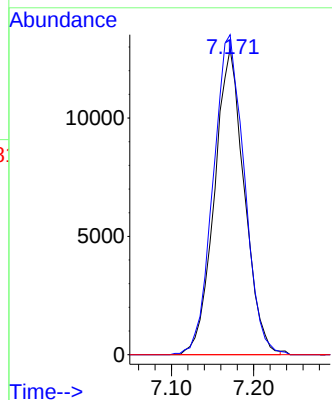
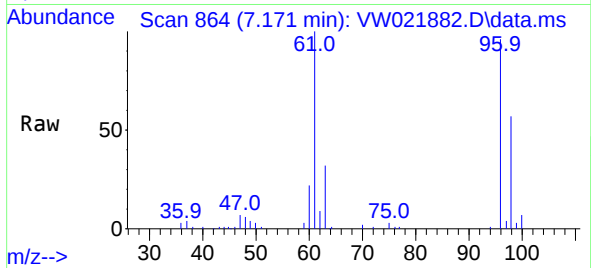




#20
cis-1,2-Dichloroethene
Concen: 13.990 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

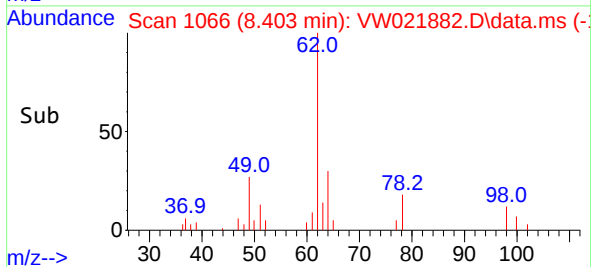
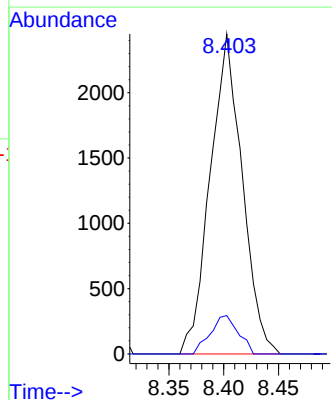
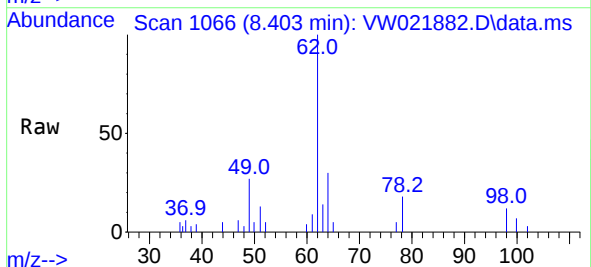
Instrument :
MSVOA_W
ClientSampleId :
BGLQ1

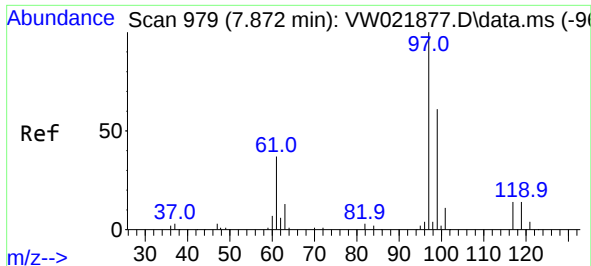
Tgt Ion: 96 Resp: 32652
Ion Ratio Lower Upper
96 100
61 104.6 103.7 192.7
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 2.183 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion: 62 Resp: 4976
Ion Ratio Lower Upper
62 100
98 12.0 6.5 9.7#

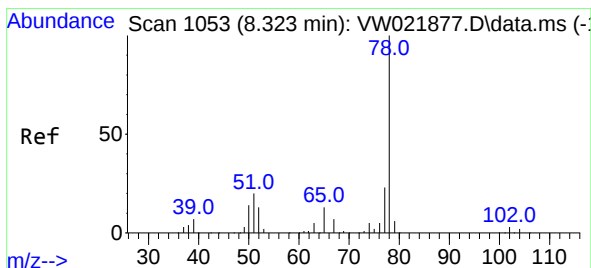
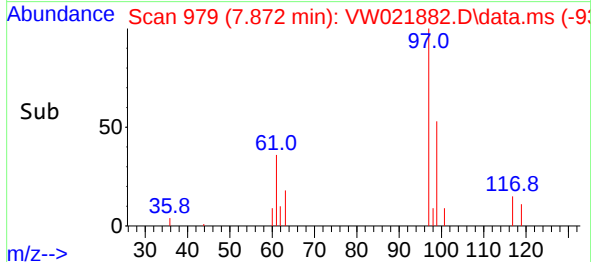
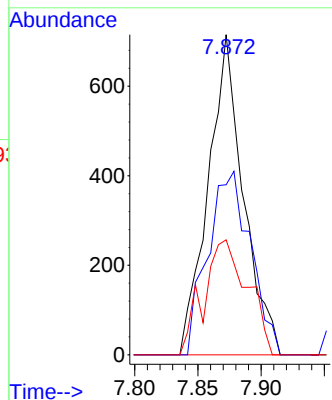
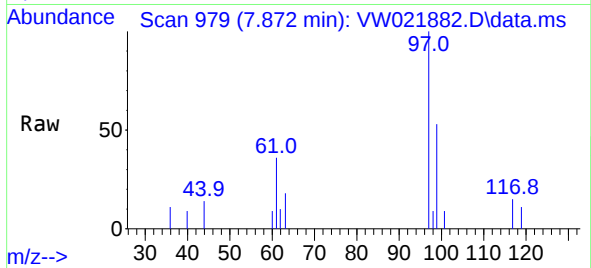




#30
1,1,1-Trichloroethane
Concen: 0.499 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

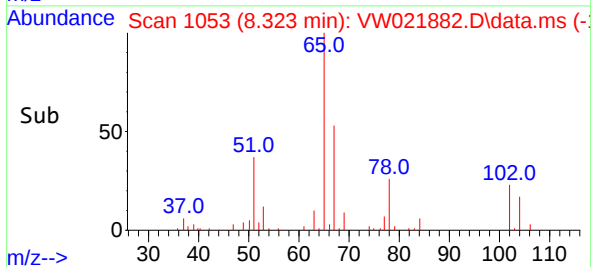
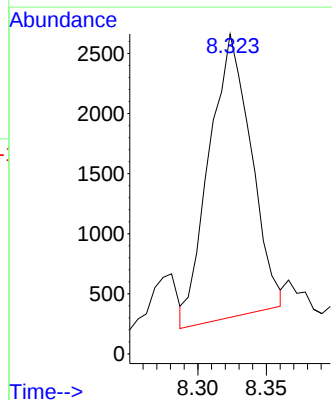
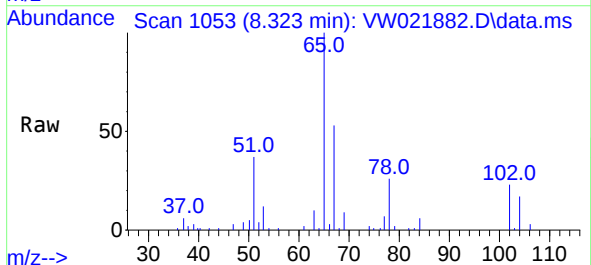
Instrument :
MSVOA_W
ClientSampleId :
BGLQ1

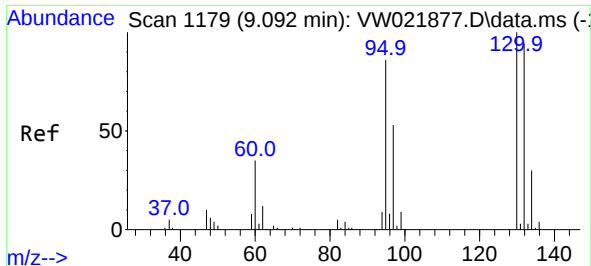
Tgt Ion: 97 Resp: 1384
Ion Ratio Lower Upper
97 100
99 69.7 51.6 77.4
61 19.4 40.9 61.3#



#33
Benzene
Concen: 0.768 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion: 78 Resp: 5041



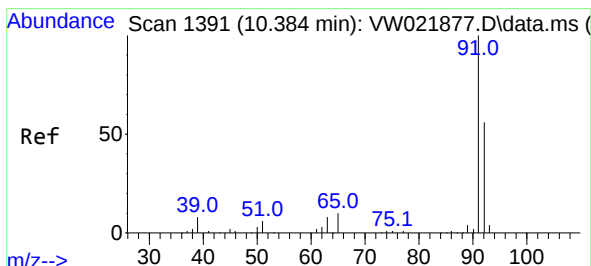
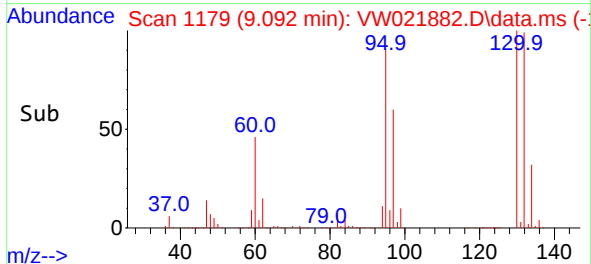
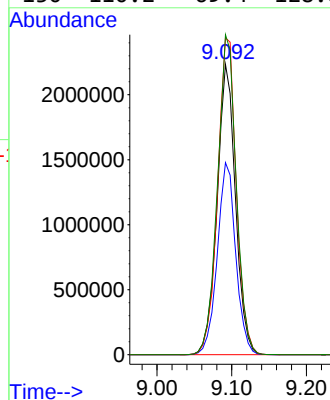
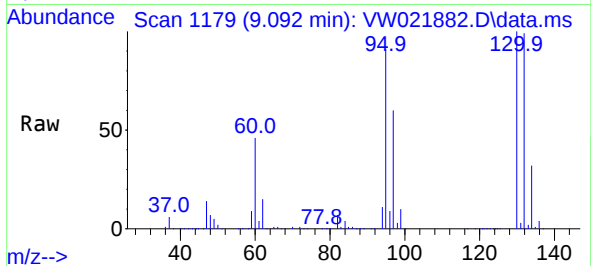


#34
Trichloroethene
Concen: 2009.506 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Instrument :
MSVOA_W
ClientSampleId :
BGLQ1

Tgt Ion: 95 Resp: 3826729

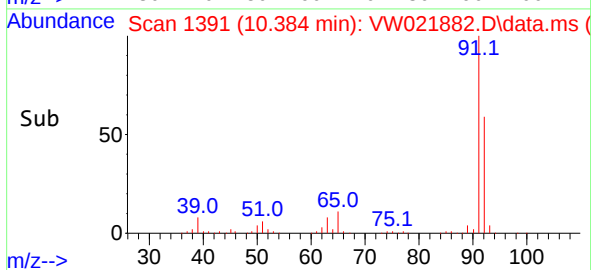
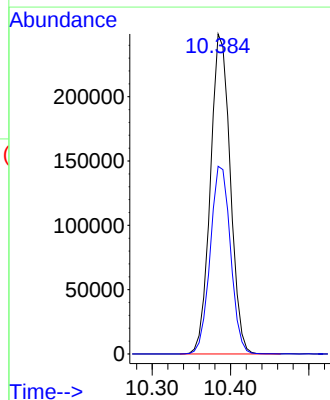
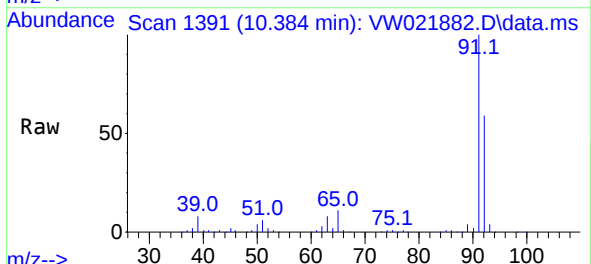
Ion	Ratio	Lower	Upper
95	100		
97	66.1	47.0	87.2
132	109.1	65.5	121.6
130	110.2	69.4	128.8

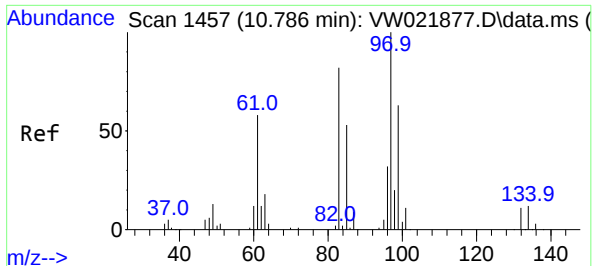


#42
Toluene
Concen: 59.489 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion: 91 Resp: 437948

Ion	Ratio	Lower	Upper
91	100		
92	58.7	41.7	77.5

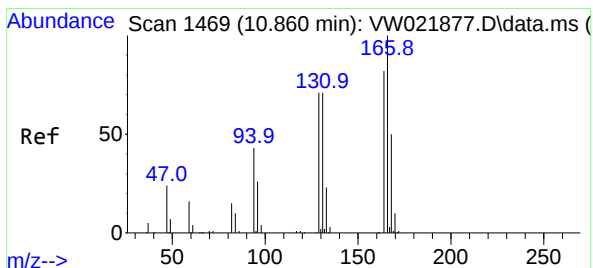
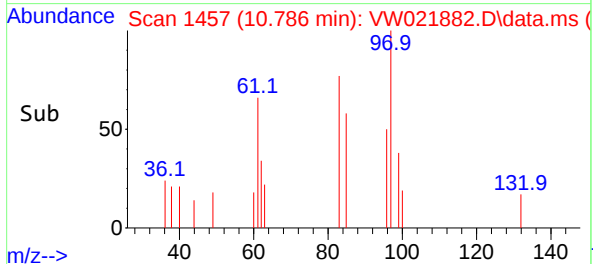
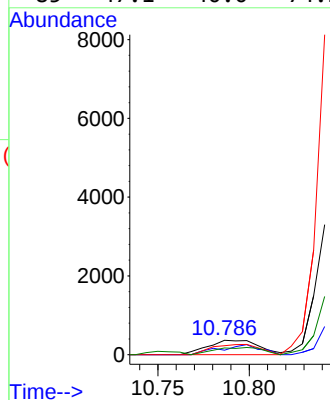
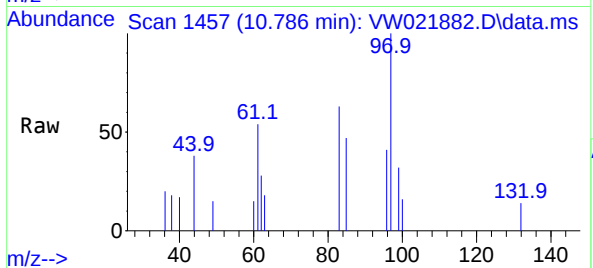




#45
1,1,2-Trichloroethane
Concen: 0.590 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

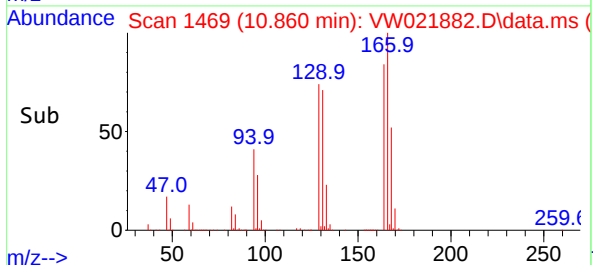
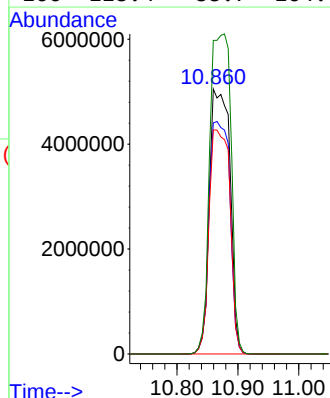
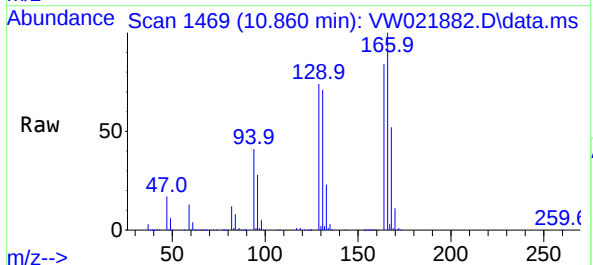
Instrument :
MSVOA_W
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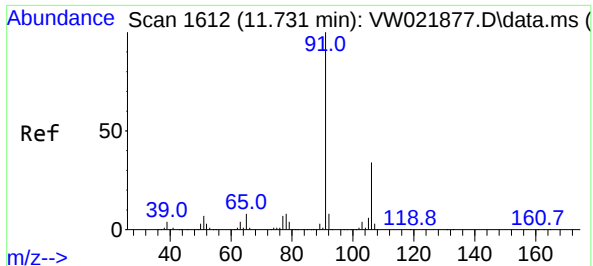
Tgt Ion:	97	Resp:	716
Ion	Ratio	Lower	Upper
97	100		
99	31.5	43.0	79.8#
83	62.7	62.6	116.3
85	47.1	40.0	74.2



#46
Tetrachloroethene
Concen: 6269.454 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion:	164	Resp:	11806044
Ion	Ratio	Lower	Upper
164	100		
129	87.2	65.5	121.7
131	84.5	59.7	110.9
166	118.4	88.7	164.7

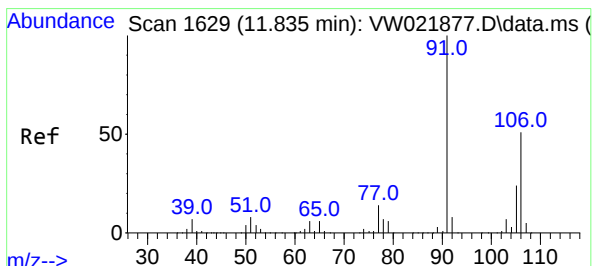
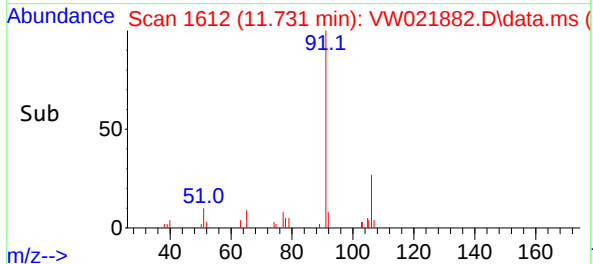
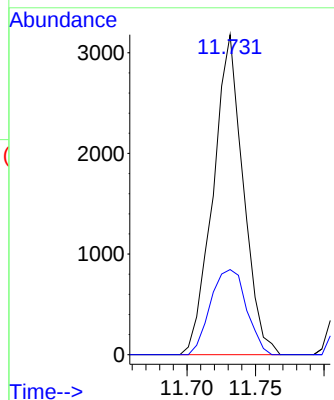
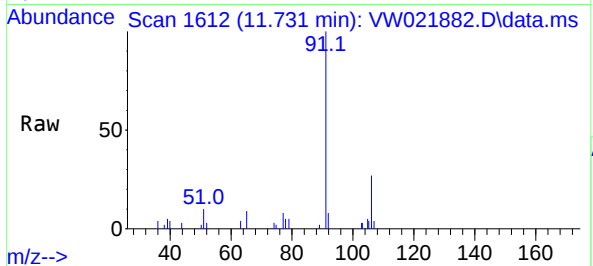




#52
Ethylbenzene
Concen: 0.594 ug/L
RT: 11.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

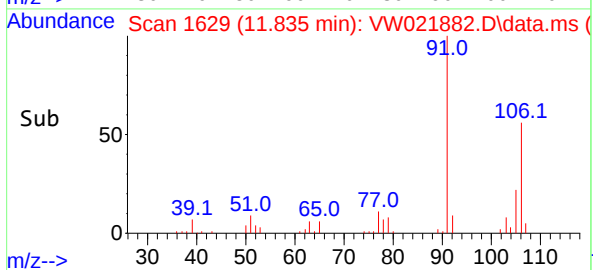
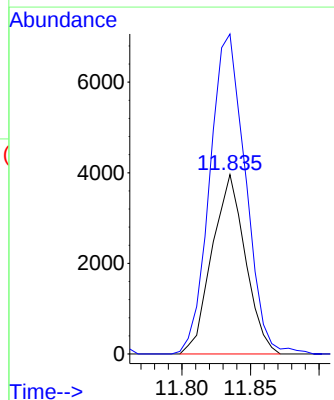
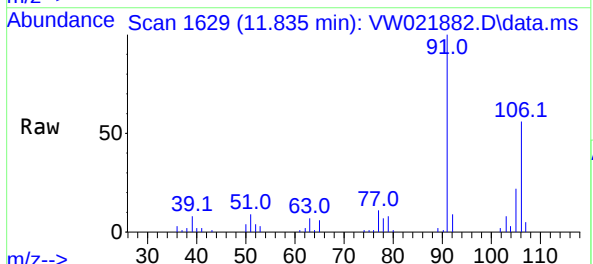
Instrument :
MSVOA_W
ClientSampleId :
BGLQ1

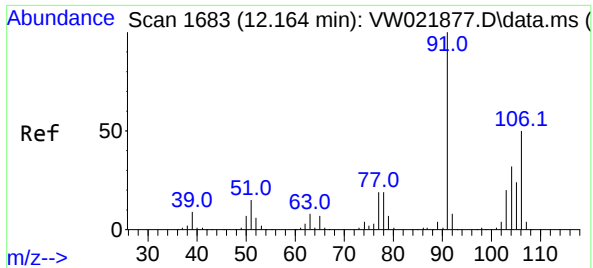
Tgt Ion: 91 Resp: 4860
Ion Ratio Lower Upper
91 100
106 26.6 21.5 39.9



#53
m,p-Xylene
Concen: 1.959 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021882.D
Acq: 13 Jan 2022 11:26

Tgt Ion:106 Resp: 6698
Ion Ratio Lower Upper
106 100
91 178.3 149.9 278.3





#54
 o-Xylene
 Concen: 1.233 ug/L
 RT: 12.164 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021882.D
 Acq: 13 Jan 2022 11:26

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLQ1

Tgt Ion:106 Resp: 3914
 Ion Ratio Lower Upper
 106 100
 91 203.9 153.6 285.3

