

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021395.D
 Acq On : 15 Dec 2021 17:30
 Operator : SY/VA
 Sample : M5101-12
 Misc : 6.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

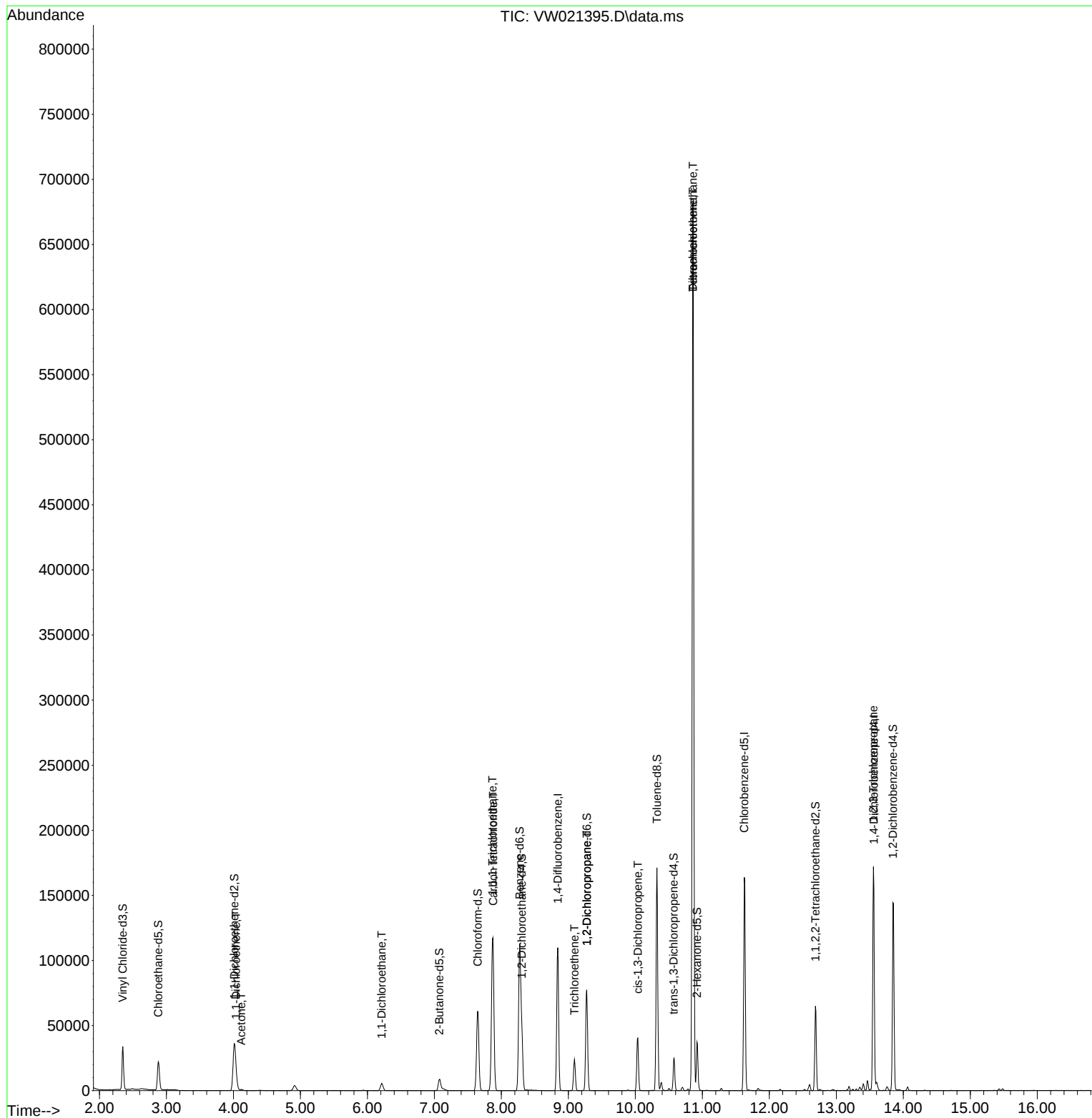
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	95700	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	92329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	44717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31156	17.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.520%
7) Chloroethane-d5	2.879	69	25965	22.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	4.013	63	34101	14.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.720%
21) 2-Butanone-d5	7.074	46	14920	60.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.460%
24) Chloroform-d	7.647	84	61494	23.058	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.240%
26) 1,2-Dichloroethane-d4	8.305	65	34272	24.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.640%
32) Benzene-d6	8.275	84	114007	22.527	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	9.274	67	33287	24.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.323	98	108937	21.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.573	79	13494	21.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.360%
47) 2-Hexanone-d5	10.920	63	12614	62.849	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29379	25.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	38703	22.333	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.320%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	2893	2.439	ug/L #	1
13) Acetone	4.117	43	1540	6.992	ug/L	75
19) 1,1-Dichloroethane	6.214	63	7446	3.694	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	94199	45.472	ug/L	95
31) Carbon tetrachloride	7.878	117	12655	6.622	ug/L	100
34) Trichloroethene	9.091	95	7628	5.403	ug/L	93
37) 1,2-Dichloropropane	9.274	63	4291	3.825	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1221	0.690	ug/L	89
46) Tetrachloroethene	10.859	164	149867	111.737	ug/L	98
49) Dibromochloromethane	10.859	129	125171	110.574	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5298	8.141	ug/L #	67

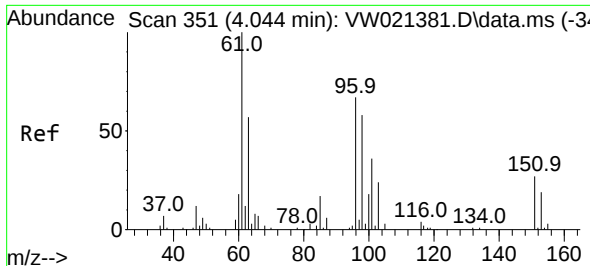
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

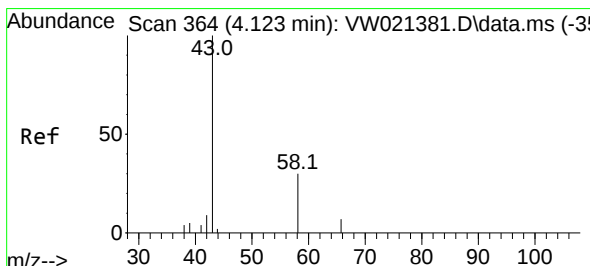
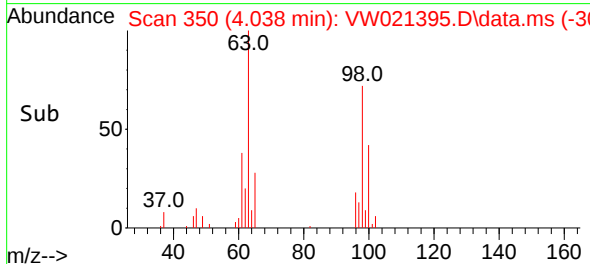
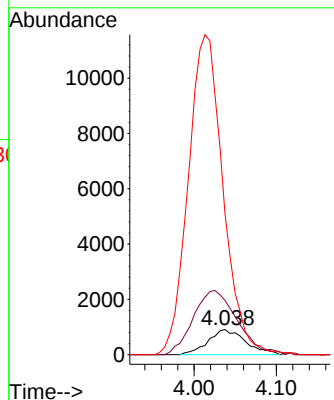
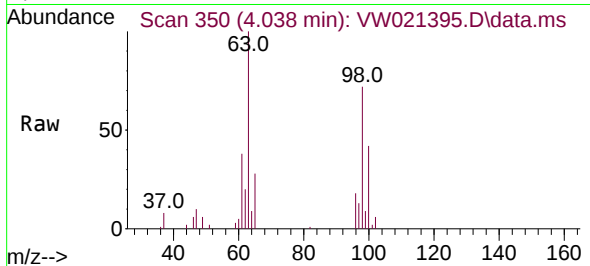




#12
 1,1-Dichloroethene
 Concen: 2.439 ug/L
 RT: 4.038 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021395.D
 Acq: 15 Dec 2021 17:30

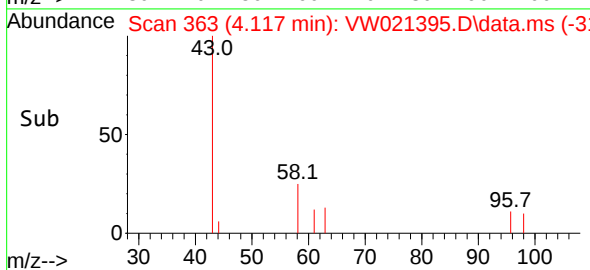
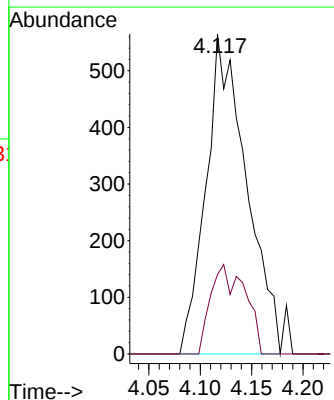
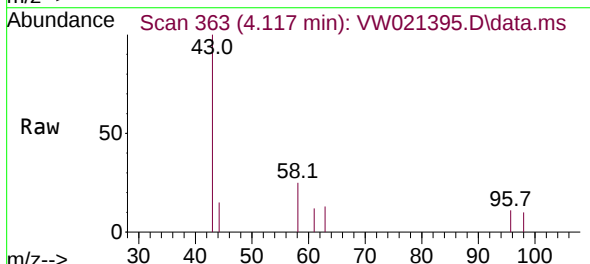
Instrument :
 MSVOA_W
 ClientSampleId :

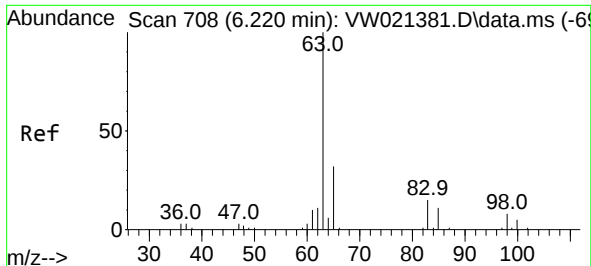
Tgt Ion: 96 Resp: 2893
 Ion Ratio Lower Upper
 96 100
 61 216.0 138.3 256.9
 63 561.3 82.6 153.4#



#13
 Acetone
 Concen: 6.992 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: VW021395.D
 Acq: 15 Dec 2021 17:30

Tgt Ion: 43 Resp: 1540
 Ion Ratio Lower Upper
 43 100
 58 13.6 0.0 52.8





#19

1,1-Dichloroethane

Concen: 3.694 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021395.D

Acq: 15 Dec 2021 17:30

Instrument :

MSVOA_W

ClientSampleId :

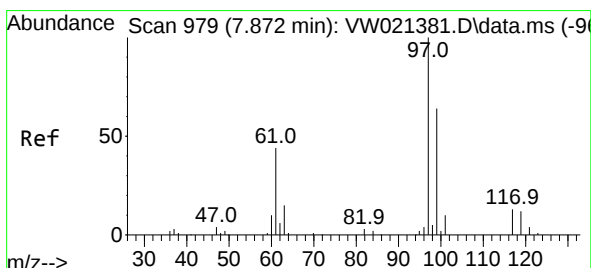
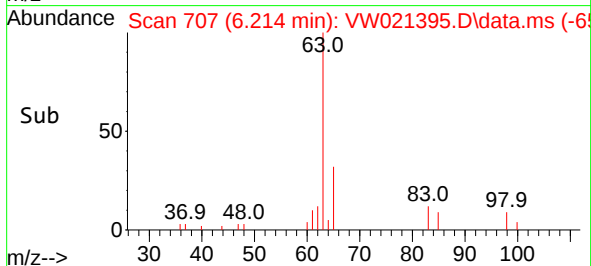
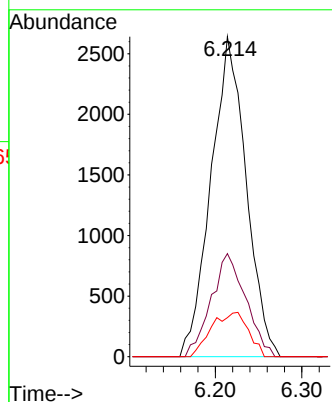
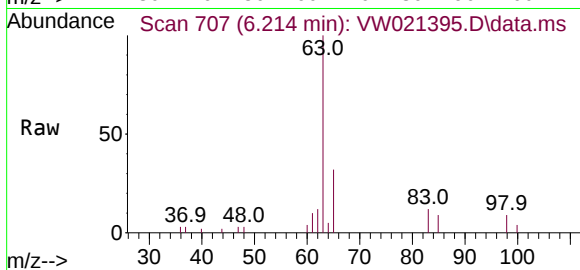
Tgt Ion: 63 Resp: 7446

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 12.2 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 45.472 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW021395.D

Acq: 15 Dec 2021 17:30

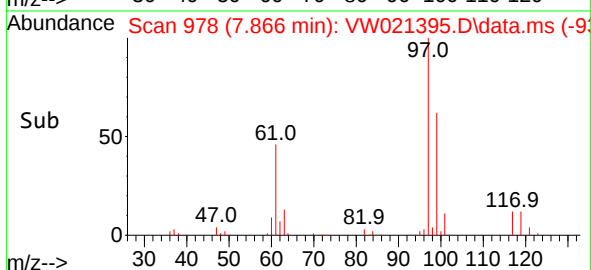
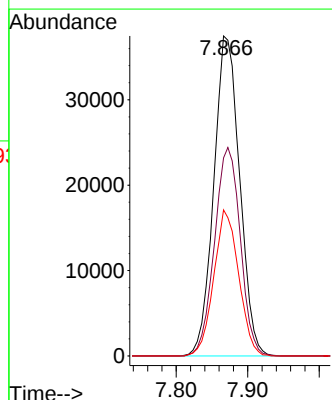
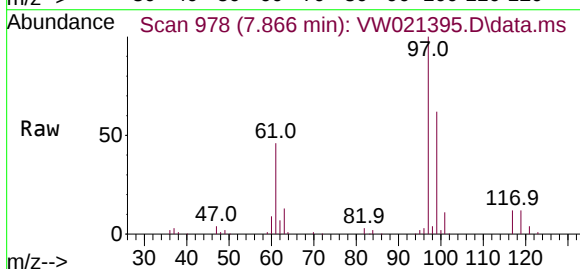
Tgt Ion: 97 Resp: 94199

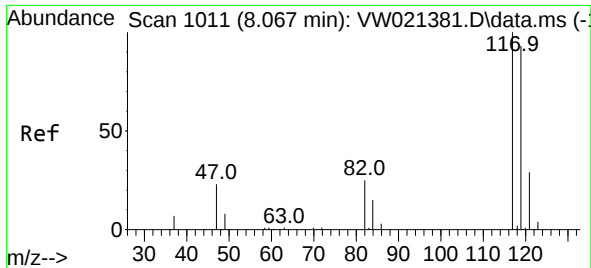
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 43.9 40.9 61.3

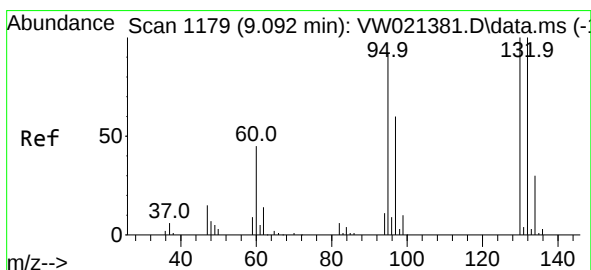
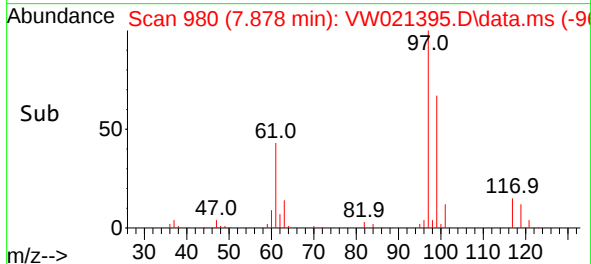
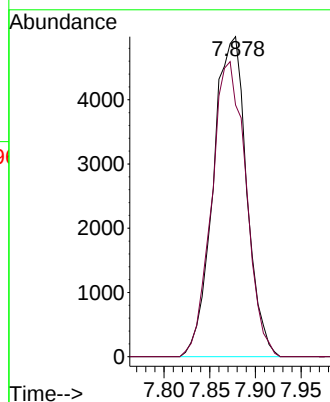
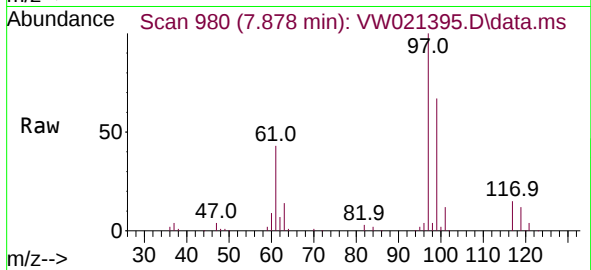




#31
Carbon tetrachloride
Concen: 6.622 ug/L
RT: 7.878 min Scan# 91
Delta R.T. -0.189 min
Lab File: VW021395.D
Acq: 15 Dec 2021 17:30

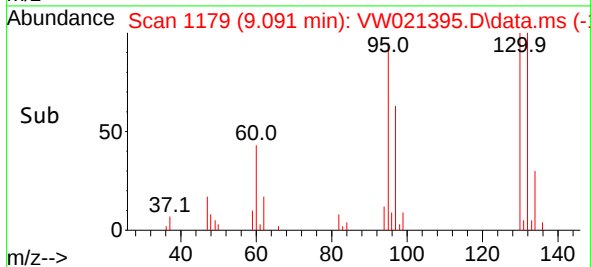
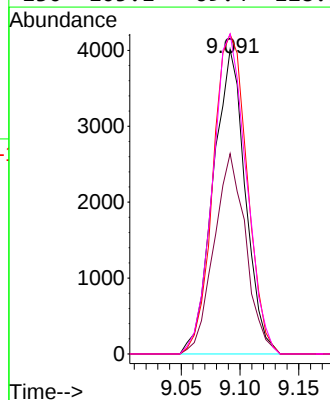
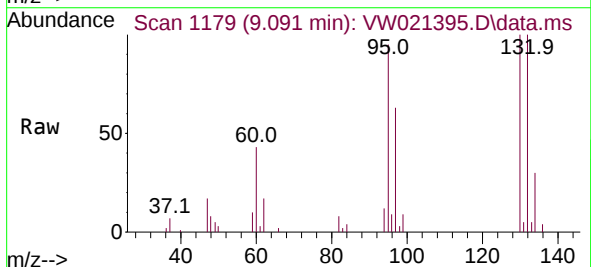
Instrument :
MSVOA_W
ClientSampleId :

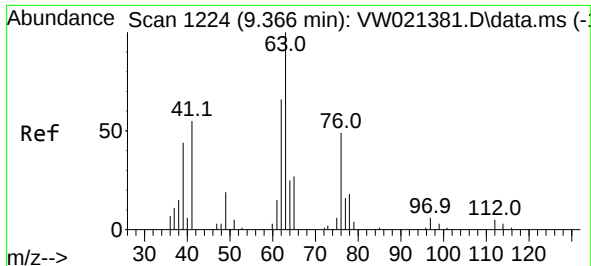
Tgt Ion:117 Resp: 12655
Ion Ratio Lower Upper
117 100
119 94.4 75.7 113.5



#34
Trichloroethene
Concen: 5.403 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021395.D
Acq: 15 Dec 2021 17:30

Tgt Ion: 95 Resp: 7628
Ion Ratio Lower Upper
95 100
97 65.8 47.0 87.2
132 105.1 65.5 121.6
130 105.1 69.4 128.8





#37

1,2-Dichloropropane

Concen: 3.825 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021395.D

Acq: 15 Dec 2021 17:30

Instrument :

MSVOA_W

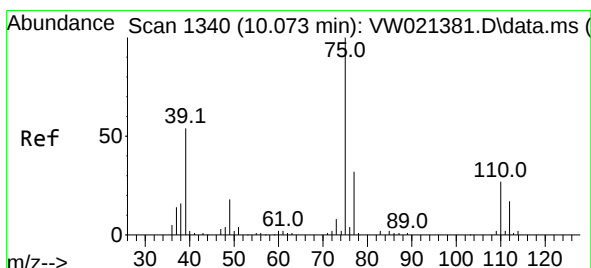
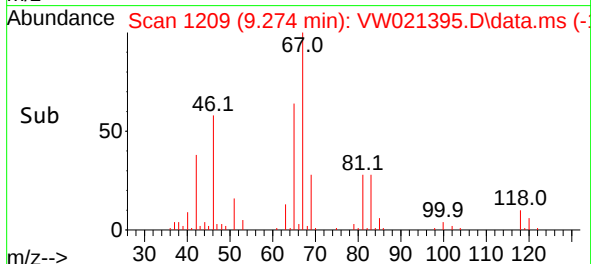
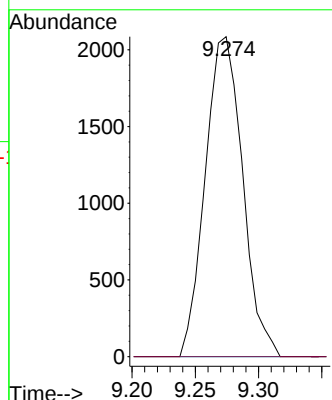
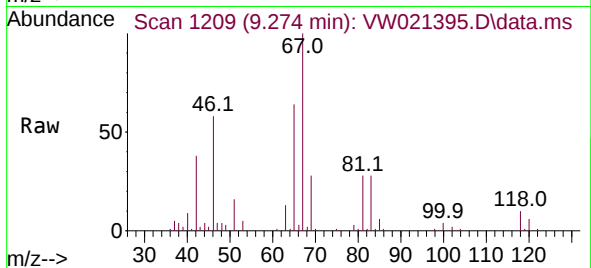
ClientSampleId :

Tgt Ion: 63 Resp: 4291

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.690 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021395.D

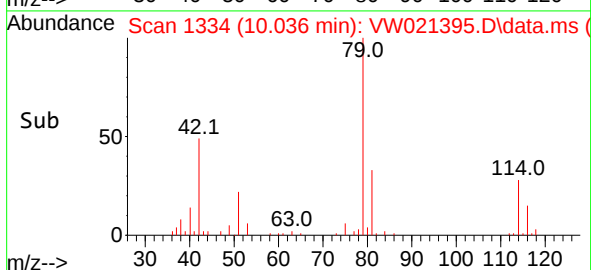
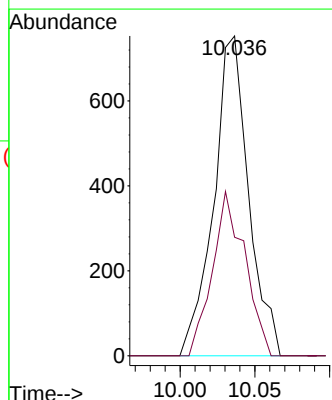
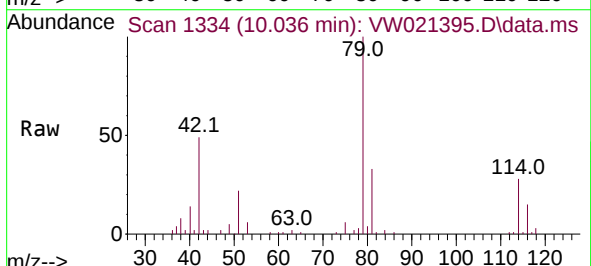
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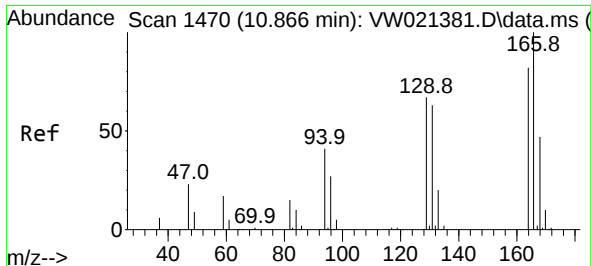
Tgt Ion: 75 Resp: 1221

Ion Ratio Lower Upper

75 100

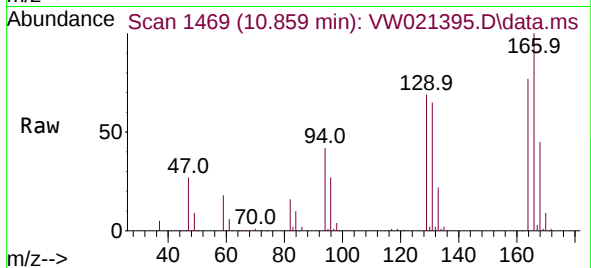
77 37.1 21.8 40.6



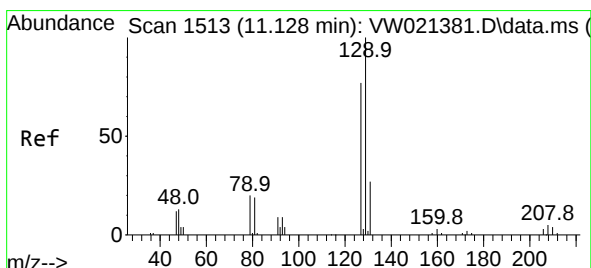
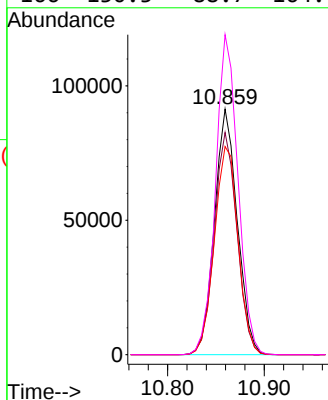
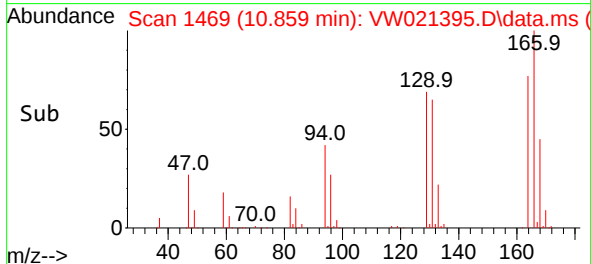


#46
Tetrachloroethene
Concen: 111.737 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021395.D
Acq: 15 Dec 2021 17:30

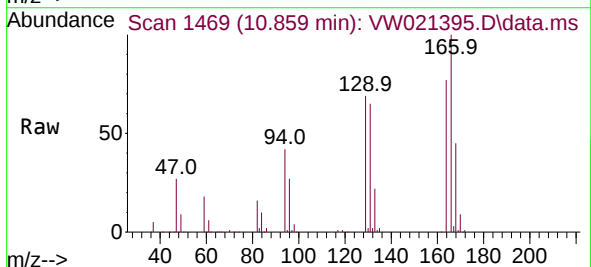
Instrument :
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ClientSampleId :



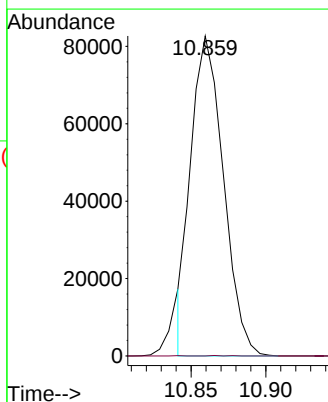
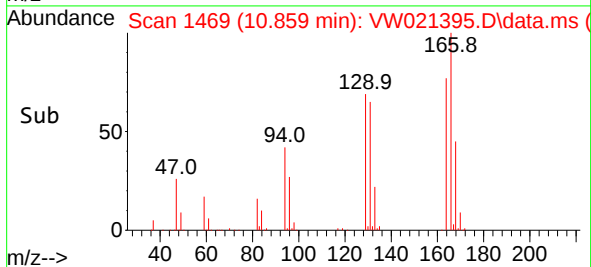
Tgt Ion:164 Resp: 149867
Ion Ratio Lower Upper
164 100
129 90.5 65.5 121.7
131 84.8 59.7 110.9
166 130.3 88.7 164.7

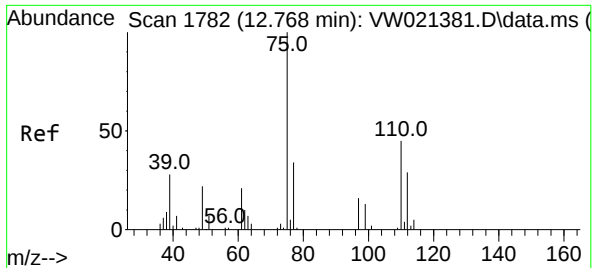


#49
Dibromochloromethane
Concen: 110.574 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021395.D
Acq: 15 Dec 2021 17:30



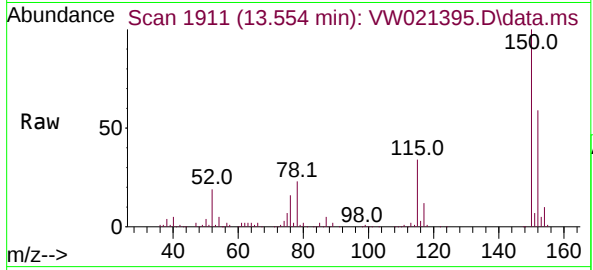
Tgt Ion:129 Resp: 125171
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 8.141 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021395.D
 Acq: 15 Dec 2021 17:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 5298

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.8	38.8
110	3.0	29.0	43.4#

