

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020818.D
 Acq On : 08 Nov 2021 18:08
 Operator : SY/VA
 Sample : M4464-13RE
 Misc : 5.83g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 07:13:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:39:29 2021
 Response via : Initial Calibration

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

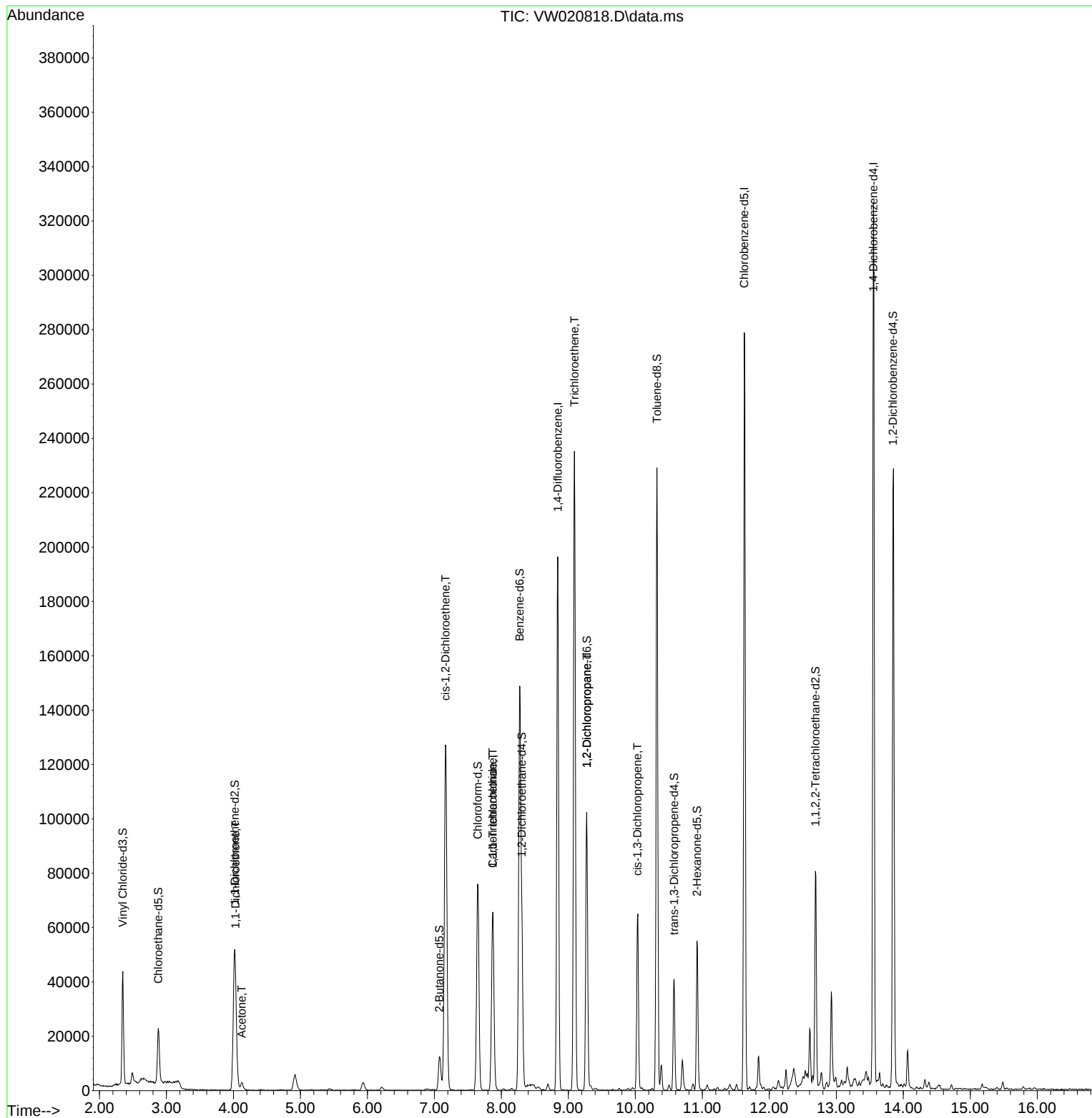
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	166775	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	155639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39087	24.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
7) Chloroethane-d5	2.879	69	23451	26.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
11) 1,1-Dichloroethene-d2	4.019	63	47689	14.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.960%
21) 2-Butanone-d5	7.073	46	21686	41.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.280%
24) Chloroform-d	7.647	84	76033	20.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.080%
26) 1,2-Dichloroethane-d4	8.305	65	42325	21.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.840%
32) Benzene-d6	8.274	84	148928	21.179	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.720%
36) 1,2-Dichloropropane-d6	9.274	67	44698	20.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.120%
41) Toluene-d8	10.323	98	146335	21.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.579	79	22502	20.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.360%
47) 2-Hexanone-d5	10.920	63	18620	42.269	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	169.080%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37491	20.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	60065	21.981	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
12) 1,1-Dichloroethene	4.031	96	3538	1.658	ug/L	# 1
13) Acetone	4.123	43	4992	10.300	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	78071	32.654	ug/L	79
30) 1,1,1-Trichloroethane	7.872	97	53094	14.355	ug/L	94
31) Carbon tetrachloride	7.872	117	6672	1.896	ug/L	99
34) Trichloroethene	9.091	95	78486	31.633	ug/L	94
37) 1,2-Dichloropropane	9.274	63	5585	2.531	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1810	0.504	ug/L	# 82

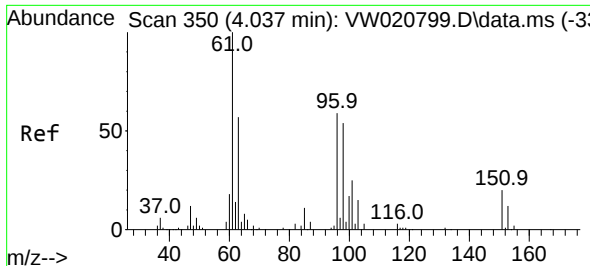
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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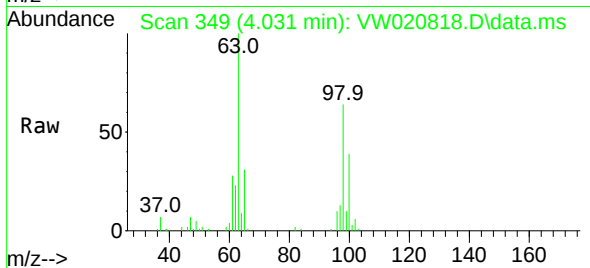
Quant Time: Nov 09 07:13:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:39:29 2021
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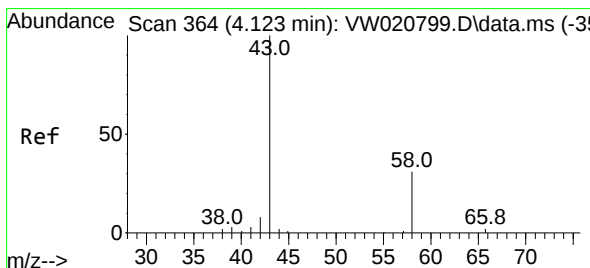
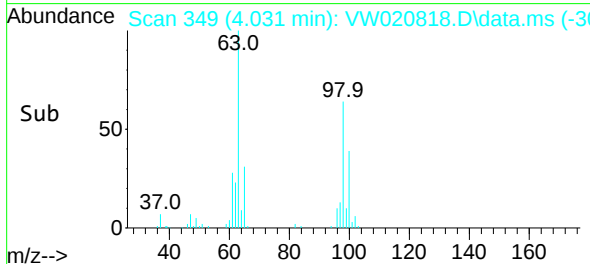
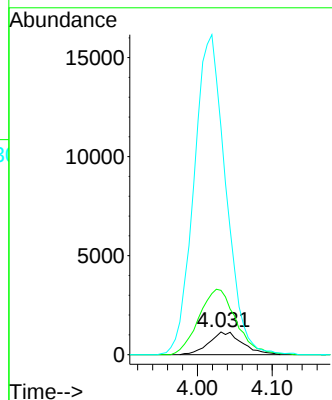


#12
 1,1-Dichloroethene
 Concen: 1.658 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW020818.D
 Acq: 08 Nov 2021 18:08

Instrument :
 MSVOA_W
 ClientSampleId :

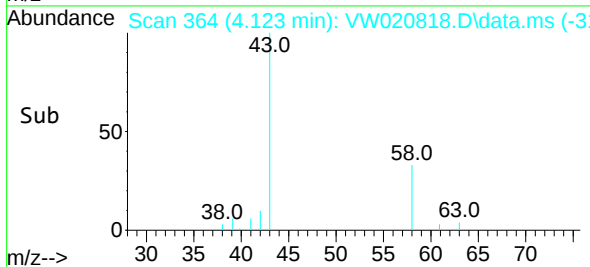
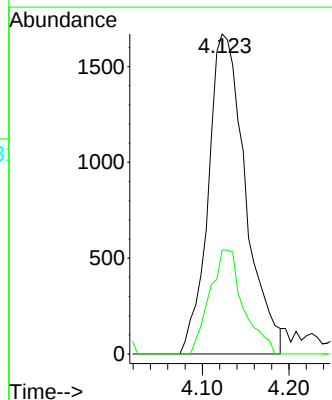
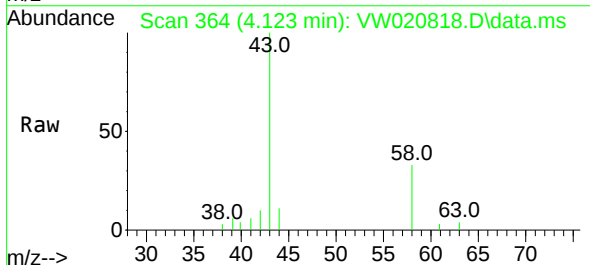


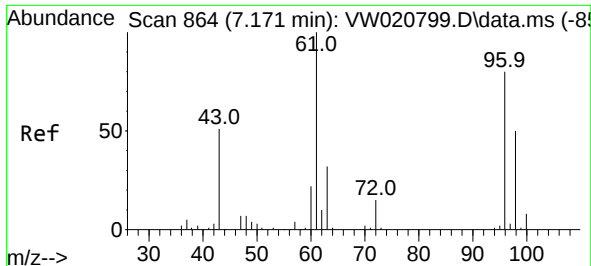
Tgt Ion: 96 Resp: 3538
 Ion Ratio Lower Upper
 96 100
 61 284.2 138.3 256.9#
 63 1002.9 82.6 153.4#



#13
 Acetone
 Concen: 10.300 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW020818.D
 Acq: 08 Nov 2021 18:08

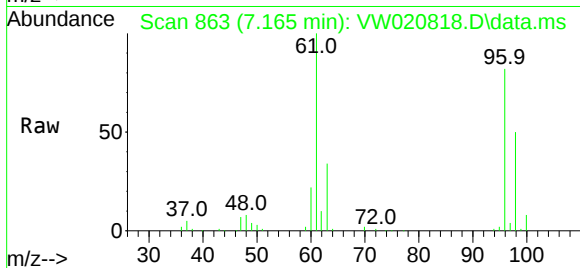
Tgt Ion: 43 Resp: 4992
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 52.8



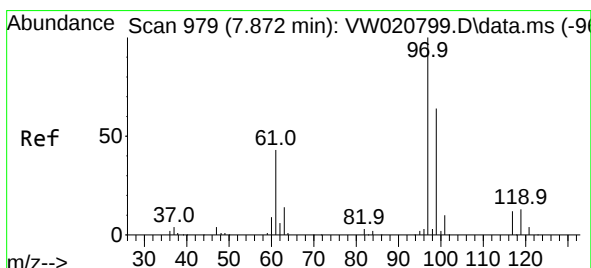
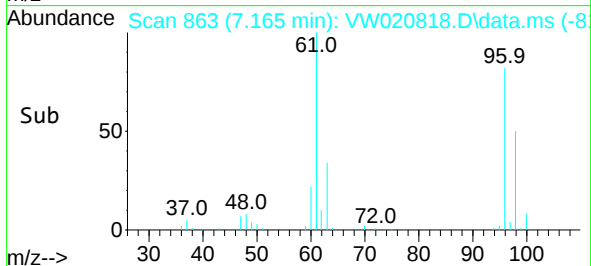
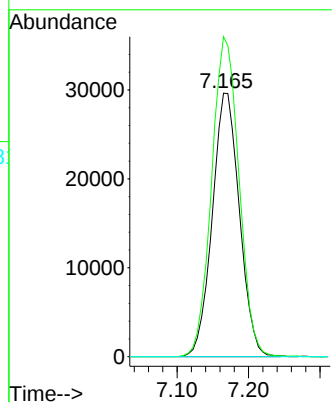


#20
 cis-1,2-Dichloroethene
 Concen: 32.654 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW020818.D
 Acq: 08 Nov 2021 18:08

Instrument :
 MSVOA_W
 ClientSampleId :

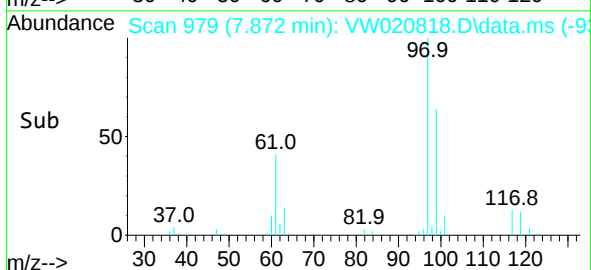
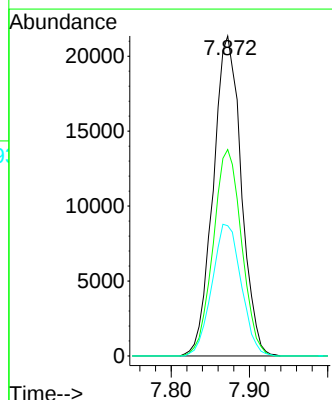
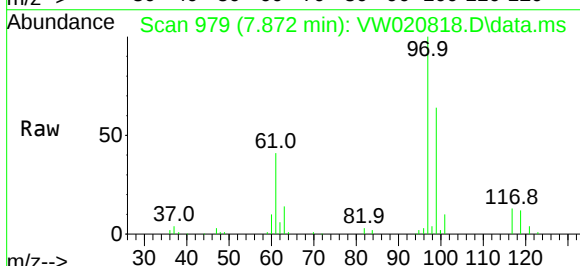


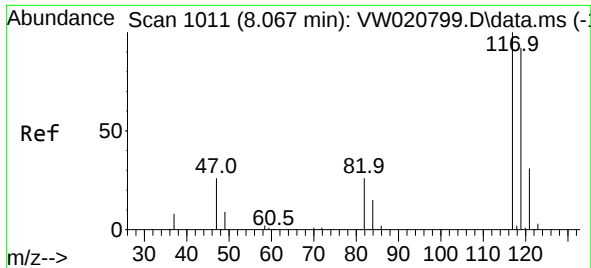
Tgt Ion: 96 Resp: 78071
 Ion Ratio Lower Upper
 96 100
 61 121.4 103.7 192.7
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 14.355 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: VW020818.D
 Acq: 08 Nov 2021 18:08

Tgt Ion: 97 Resp: 53094
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.6 77.4
 61 42.9 40.9 61.3

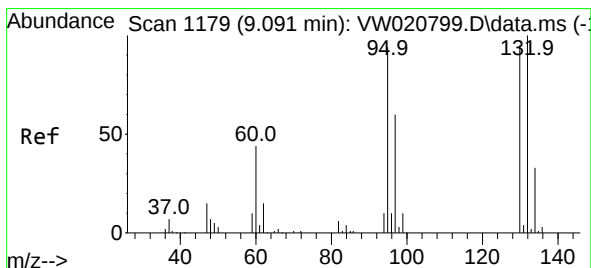
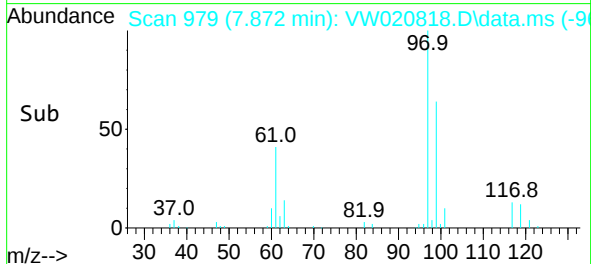
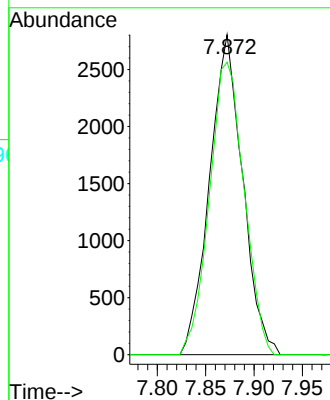
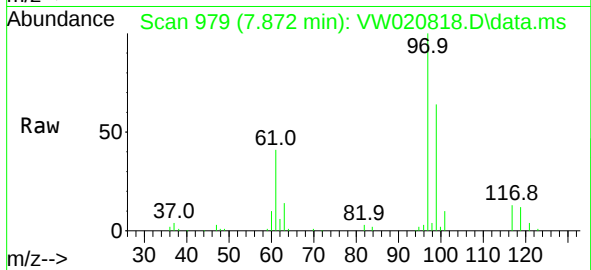




#31
Carbon tetrachloride
Concen: 1.896 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.195 min
Lab File: VW020818.D
Acq: 08 Nov 2021 18:08

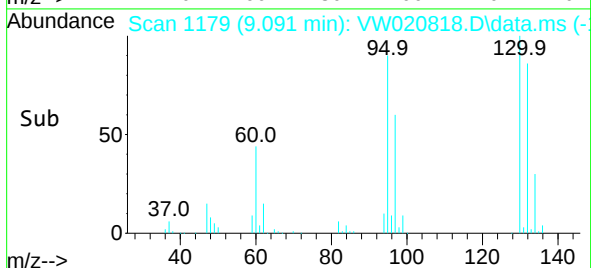
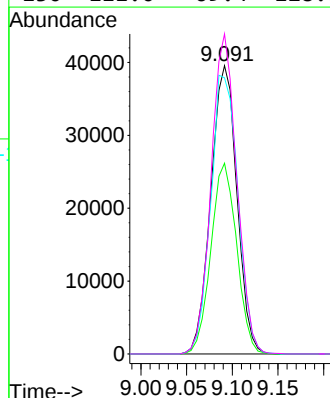
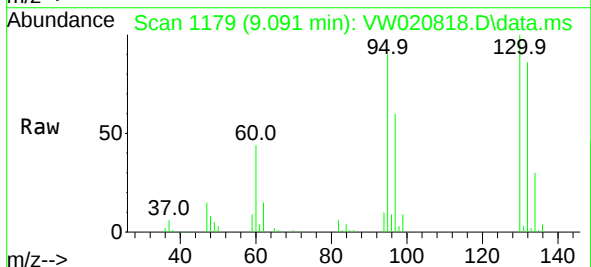
Instrument :
MSVOA_W
ClientSampleId :

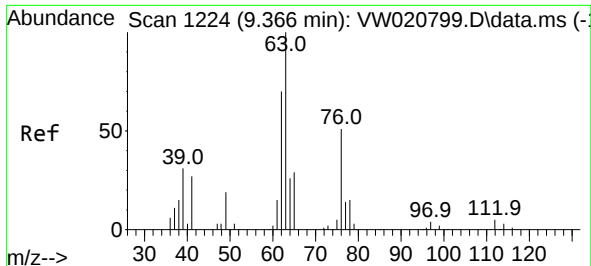
Tgt Ion: 117 Resp: 6672
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#34
Trichloroethene
Concen: 31.633 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020818.D
Acq: 08 Nov 2021 18:08

Tgt Ion: 95 Resp: 78486
Ion Ratio Lower Upper
95 100
97 66.2 47.0 87.2
132 95.8 65.5 121.6
130 111.0 69.4 128.8





#37

1,2-Dichloropropane

Concen: 2.531 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW020818.D

Acq: 08 Nov 2021 18:08

Instrument :

MSVOA_W

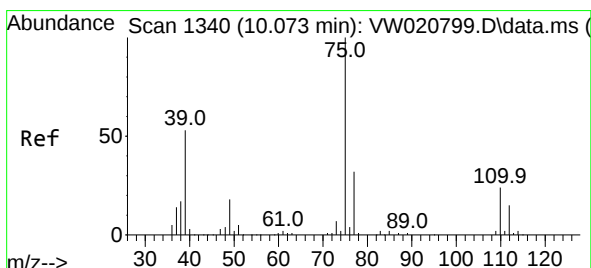
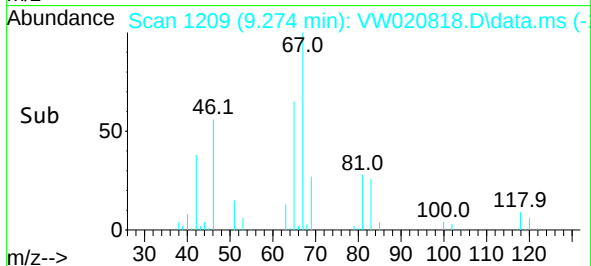
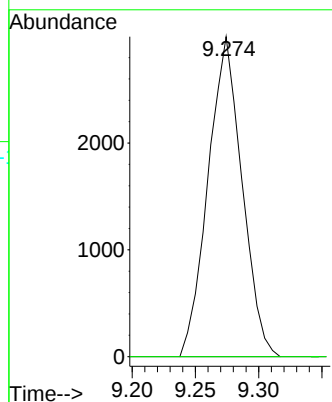
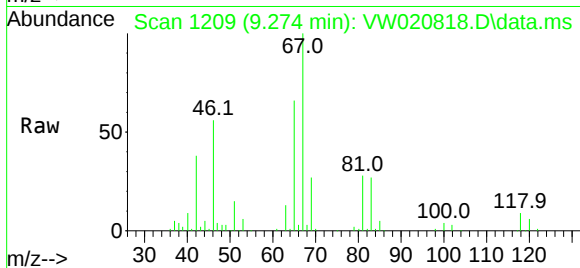
ClientSampleId :

Tgt Ion: 63 Resp: 5585

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW020818.D

Acq: 08 Nov 2021 18:08

Tgt Ion: 75 Resp: 1810

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.6#

