

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021422.D
 Acq On : 17 Dec 2021 11:29
 Operator : SY/VA
 Sample : M5101-15
 Misc : 5.89g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 15:16:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

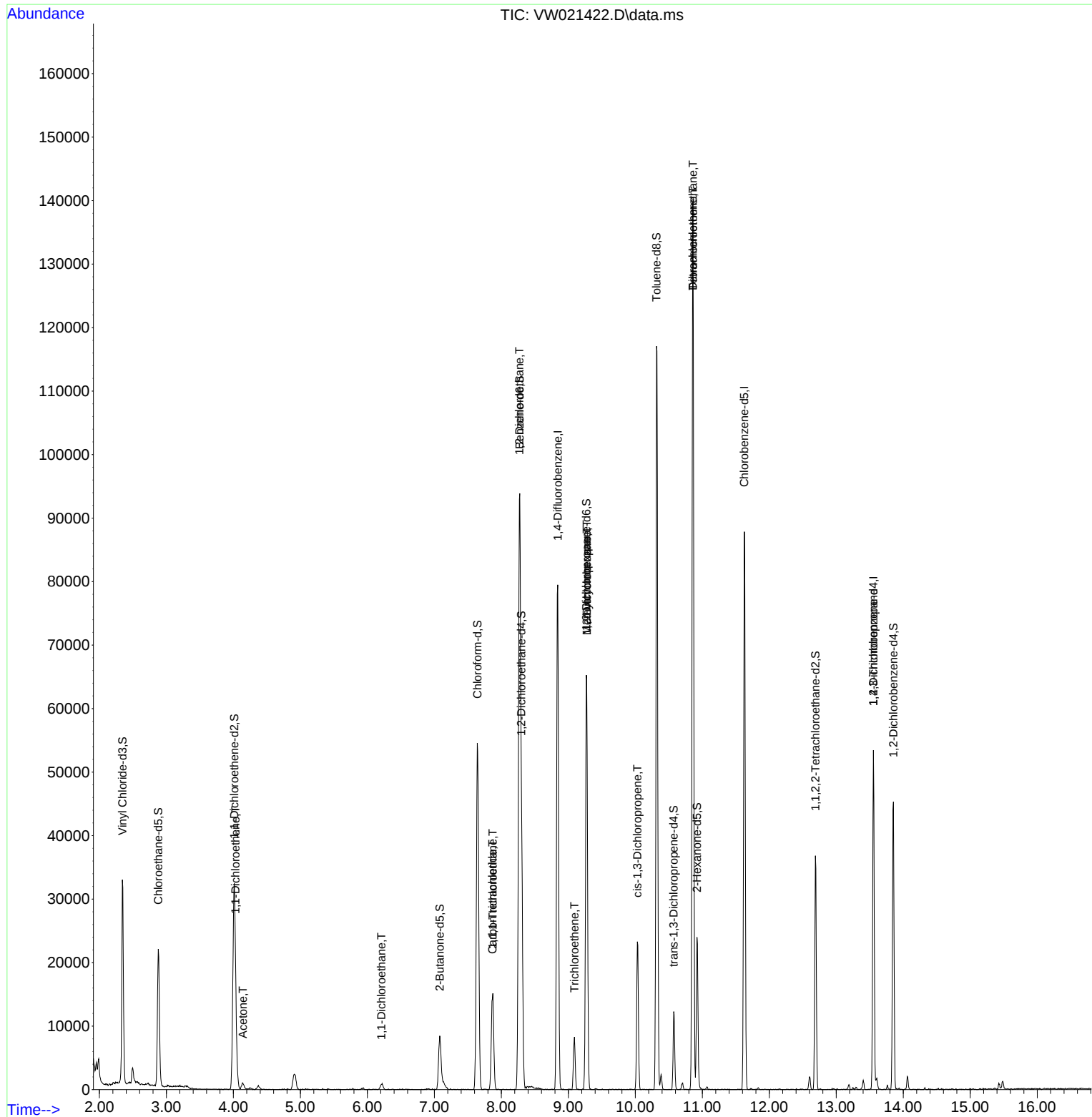
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69450	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	51186	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	31737	25.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.360%	
7) Chloroethane-d5	2.879	69	25294	30.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.000%	
11) 1,1-Dichloroethene-d2	4.013	63	30171	17.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 71.560%	
21) 2-Butanone-d5	7.080	46	14427	80.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 161.840%#	
24) Chloroform-d	7.641	84	54440	28.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.520%	
26) 1,2-Dichloroethane-d4	8.299	65	28333	27.521	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.080%	
32) Benzene-d6	8.275	84	96301	34.323	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 137.280%#	
36) 1,2-Dichloropropane-d6	9.268	67	28177	37.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 149.800%#	
41) Toluene-d8	10.317	98	78484	27.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.520%	
43) trans-1,3-Dichloroprop...	10.573	79	6460	18.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 74.600%	
47) 2-Hexanone-d5	10.920	63	8198	73.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 147.360%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17191	26.577	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.320%	
66) 1,2-Dichlorobenzene-d4	13.853	152	12256	22.064	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.240%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.031	96	1300	1.510	ug/L	# 1
13) Acetone	4.141	43	2055	12.857	ug/L	98
19) 1,1-Dichloroethane	6.208	63	953	0.652	ug/L	98
27) 1,2-Dichloroethane	8.268	62	675	0.628	ug/L	# 77
30) 1,1,1-Trichloroethane	7.872	97	12481	10.868	ug/L	95
31) Carbon tetrachloride	7.866	117	1627	1.536	ug/L	96
34) Trichloroethene	9.092	95	2679	3.423	ug/L	92
35) Methylcyclohexane	9.274	83	7570	5.863	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3599	5.787	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	726	0.740	ug/L	# 54
46) Tetrachloroethene	10.860	164	31276	42.062	ug/L	98
49) Dibromochloromethane	10.860	129	26749	42.623	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	1687	8.087	ug/L	# 66

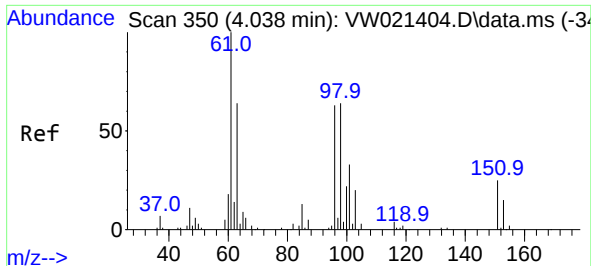
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration

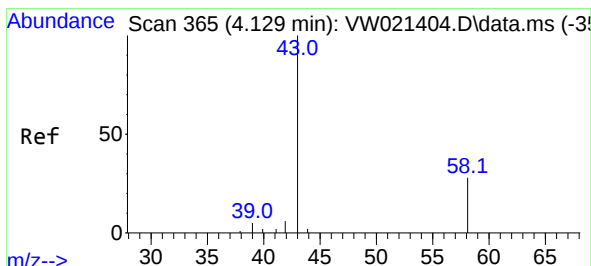
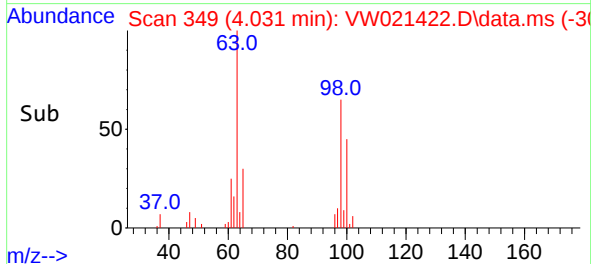
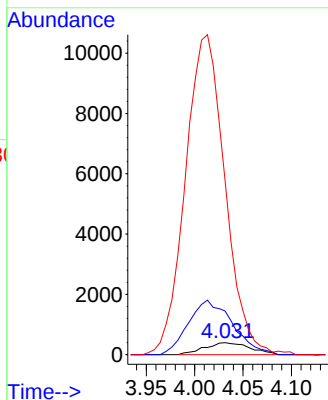
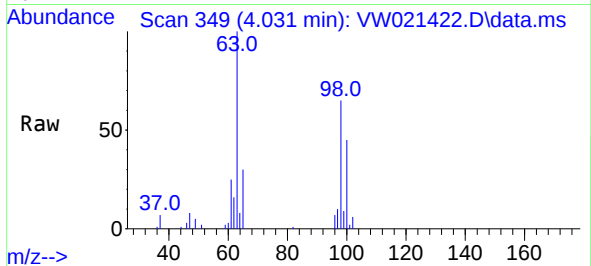




#12
1,1-Dichloroethene
Concen: 1.510 ug/L
RT: 4.031 min Scan# 34
Delta R.T. -0.006 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

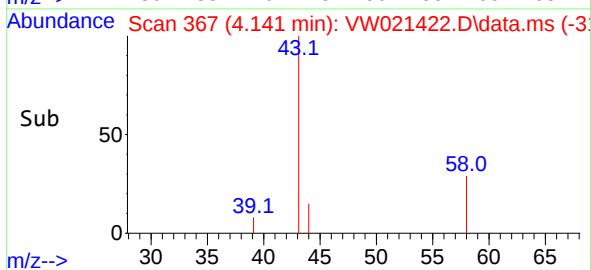
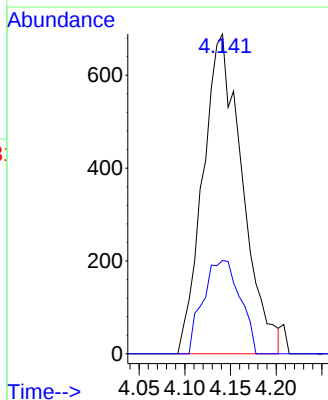
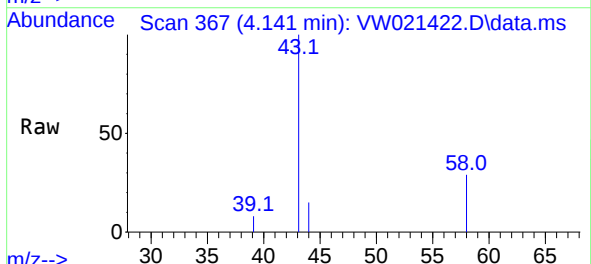
Instrument :
MSVOA_W
ClientSampleId :

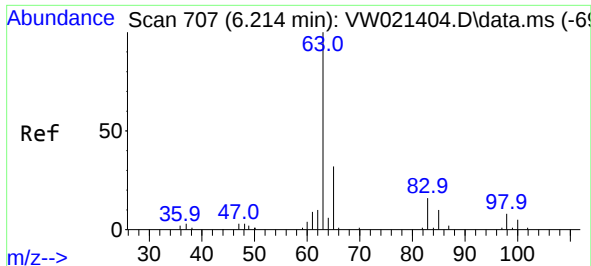
Tgt Ion: 96 Resp: 1300
Ion Ratio Lower Upper
96 100
61 364.6 138.3 256.9#
63 1451.5 82.6 153.4#



#13
Acetone
Concen: 12.857 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
58 27.4 0.0 52.8





#19

1,1-Dichloroethane

Concen: 0.652 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021422.D

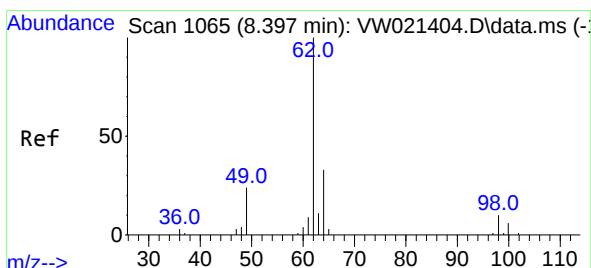
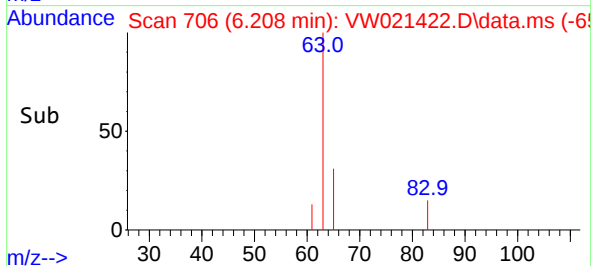
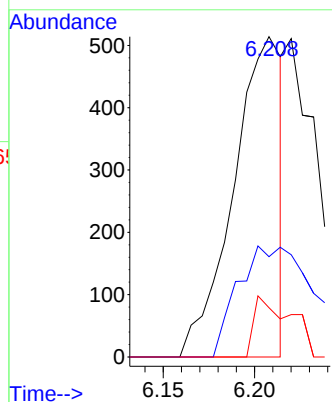
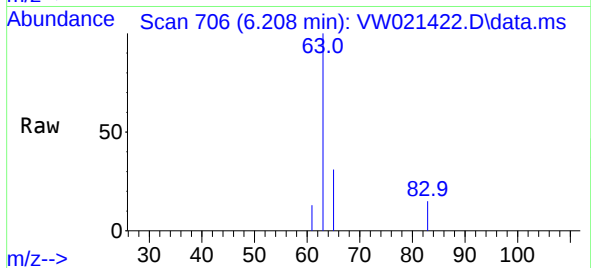
Acq: 17 Dec 2021 11:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	953
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.1	41.1
83	15.4	9.2	17.2



#27

1,2-Dichloroethane

Concen: 0.628 ug/L

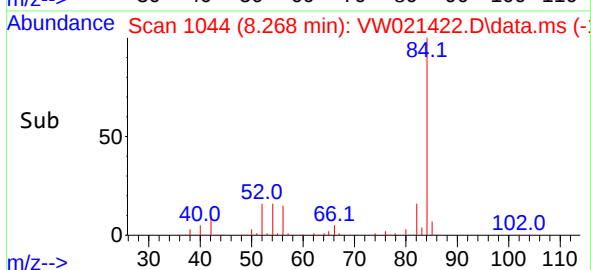
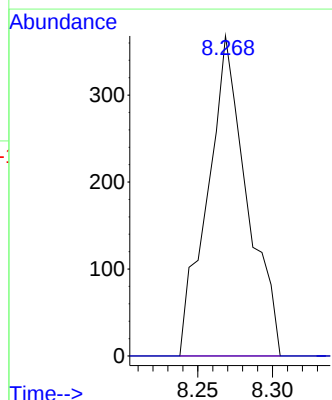
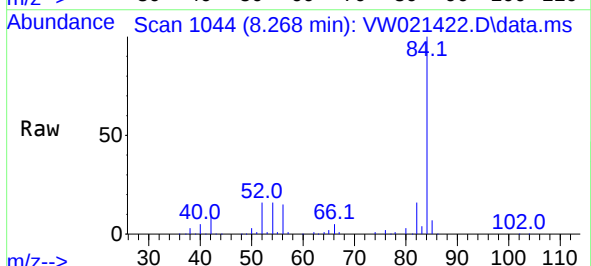
RT: 8.268 min Scan# 1044

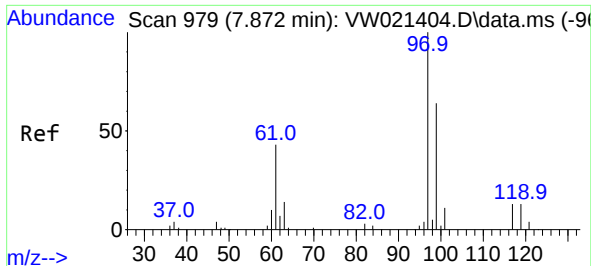
Delta R.T. -0.128 min

Lab File: VW021422.D

Acq: 17 Dec 2021 11:29

Tgt Ion:	62	Resp:	675
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#





#30

1,1,1-Trichloroethane

Concen: 10.868 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW021422.D

Acq: 17 Dec 2021 11:29

Instrument :

MSVOA_W

ClientSampleId :

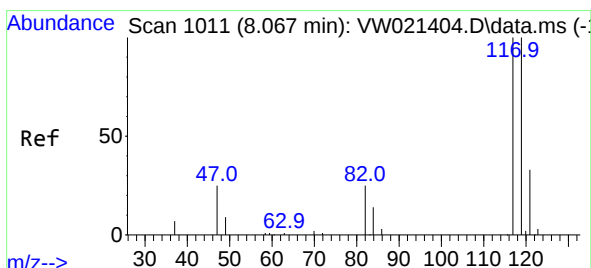
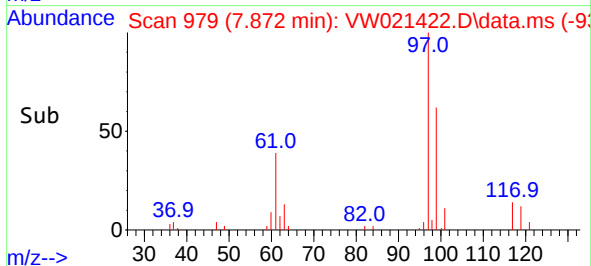
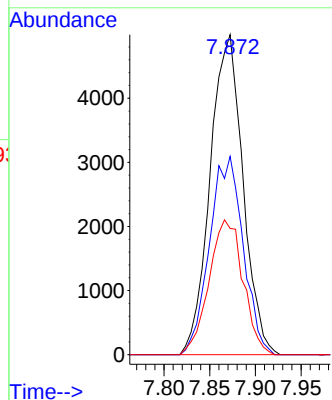
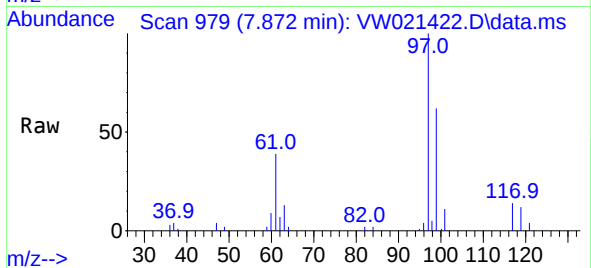
Tgt Ion: 97 Resp: 12481

Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 43.7 40.9 61.3



#31

Carbon tetrachloride

Concen: 1.536 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.201 min

Lab File: VW021422.D

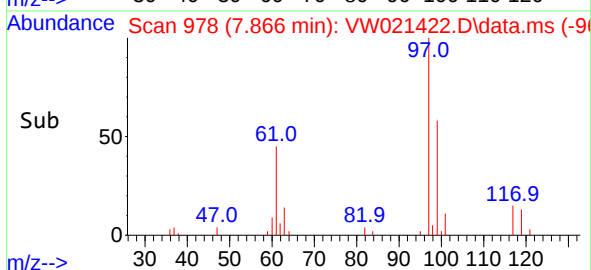
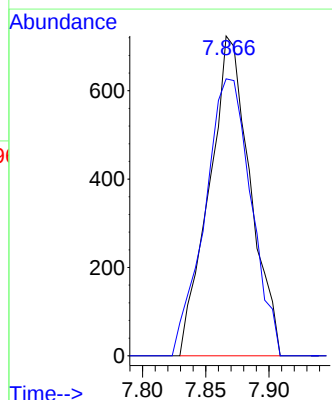
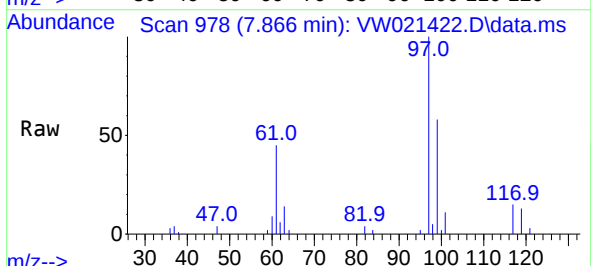
Acq: 17 Dec 2021 11:29

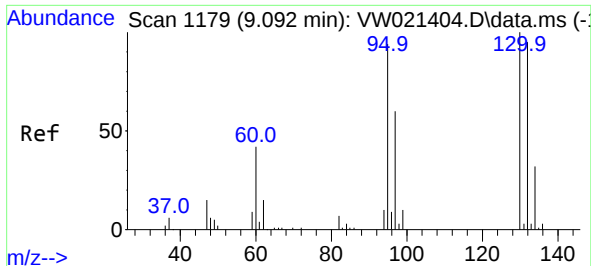
Tgt Ion: 117 Resp: 1627

Ion Ratio Lower Upper

117 100

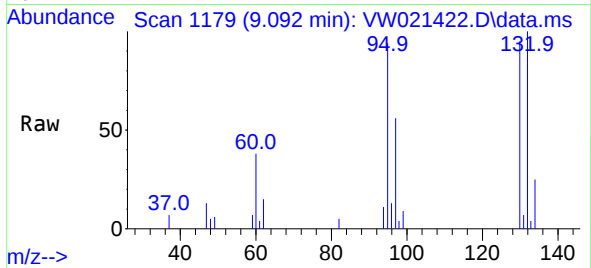
119 98.0 75.7 113.5





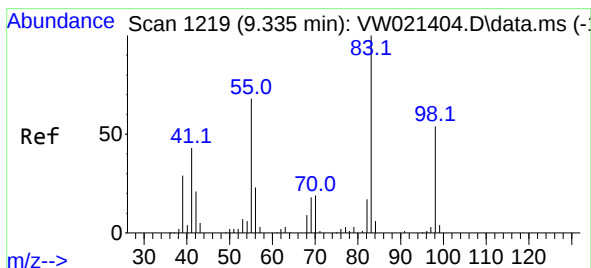
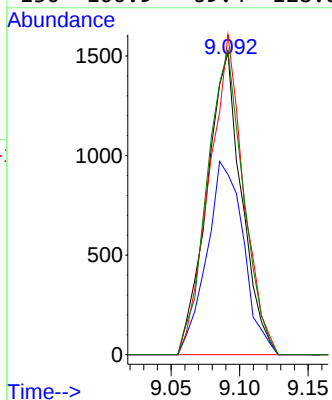
#34
Trichloroethene
Concen: 3.423 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 2679

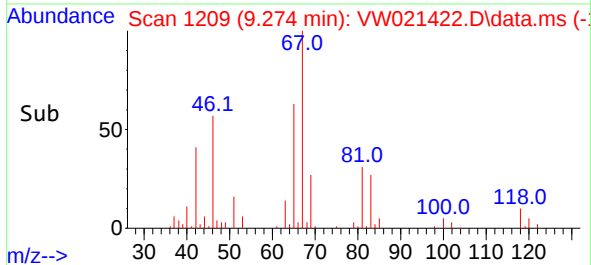
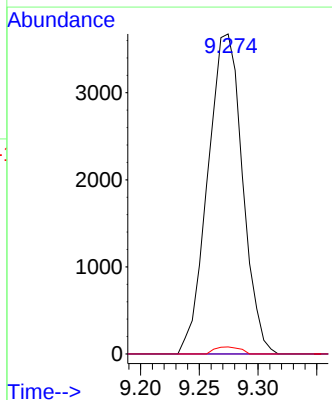
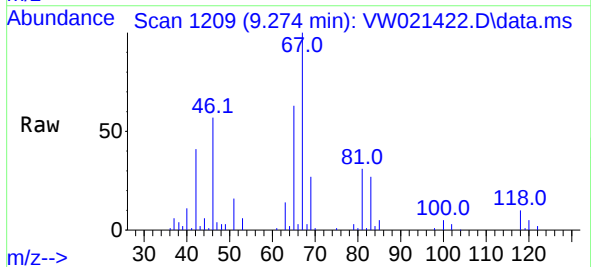
Ion	Ratio	Lower	Upper
95	100		
97	59.7	47.0	87.2
132	105.9	65.5	121.6
130	100.9	69.4	128.8

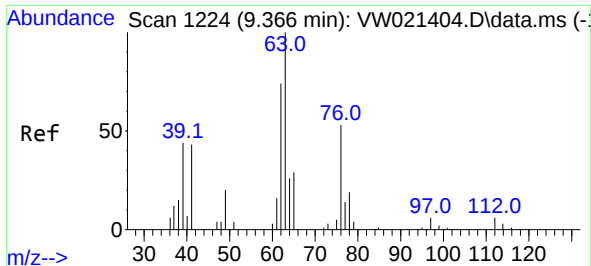


#35
Methylcyclohexane
Concen: 5.863 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

Tgt Ion: 83 Resp: 7570

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.6	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 5.787 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021422.D

Acq: 17 Dec 2021 11:29

Instrument :

MSVOA_W

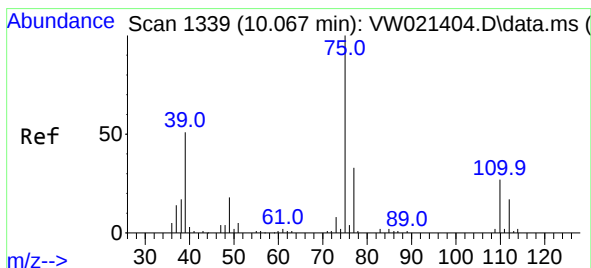
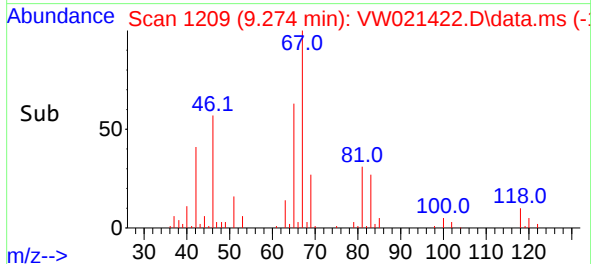
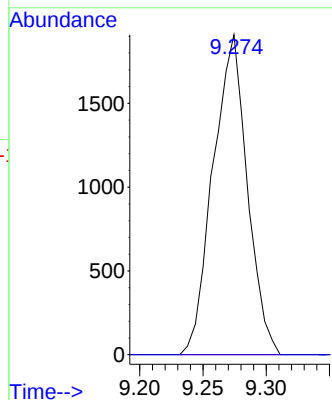
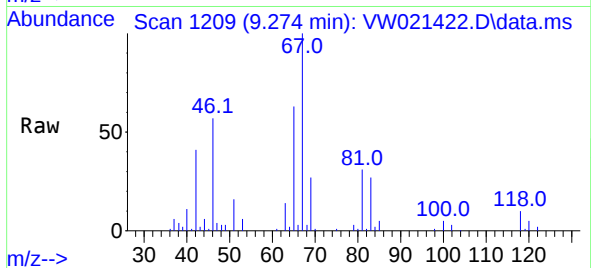
ClientSampleId :

Tgt Ion: 63 Resp: 3599

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021422.D

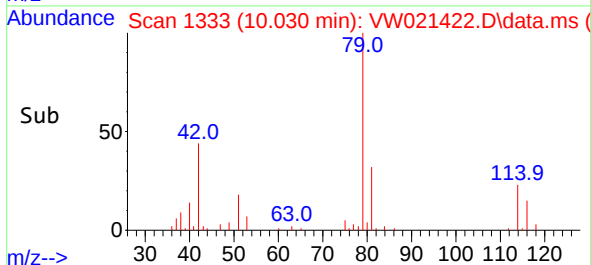
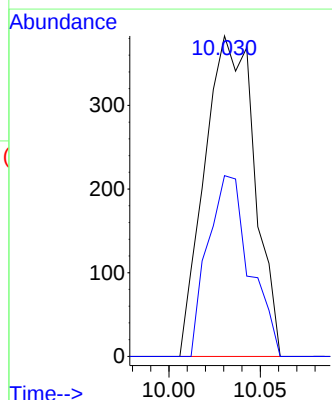
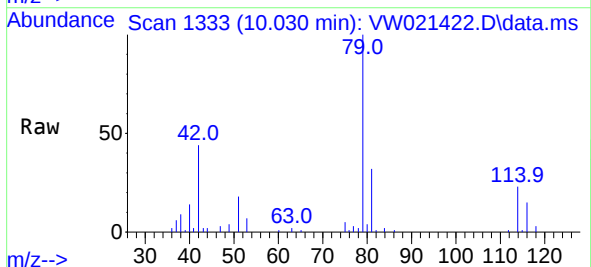
Acq: 17 Dec 2021 11:29

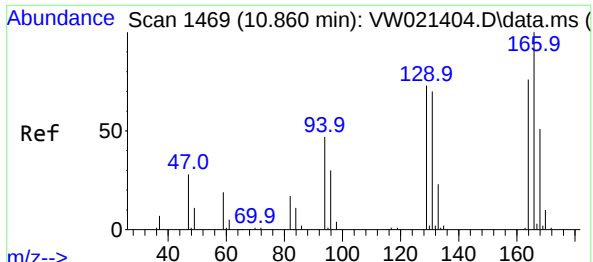
Tgt Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

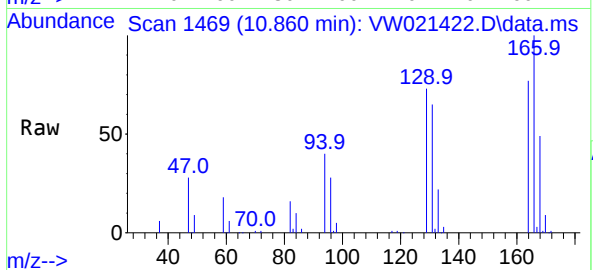
77 56.4 21.8 40.6#





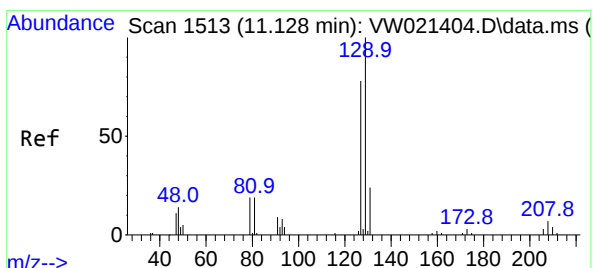
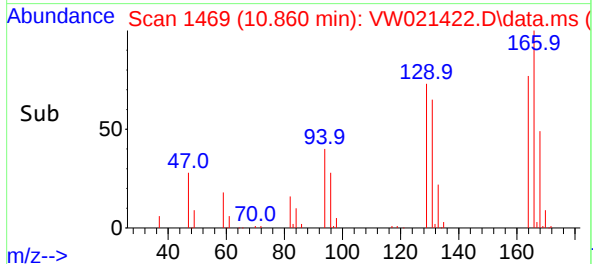
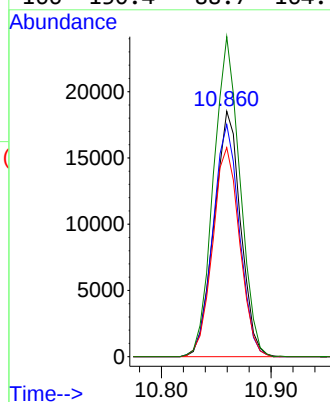
#46
Tetrachloroethene
Concen: 42.062 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

Instrument :
MSVOA_W
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Tgt Ion:164 Resp: 31276

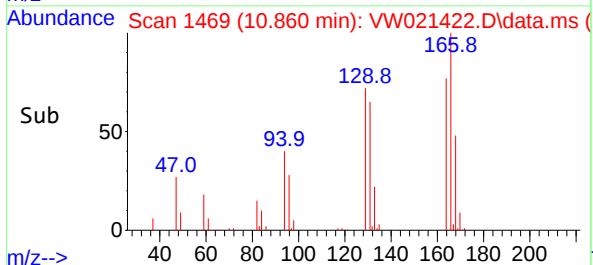
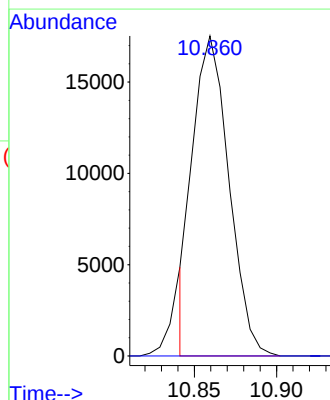
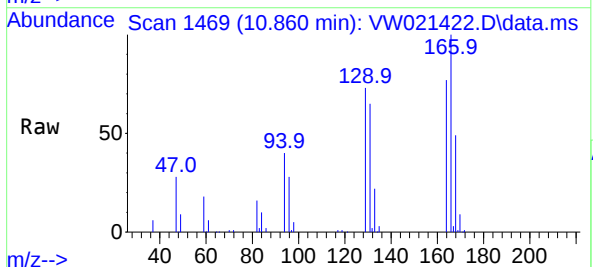
Ion	Ratio	Lower	Upper
164	100		
129	94.6	65.5	121.7
131	85.2	59.7	110.9
166	130.4	88.7	164.7

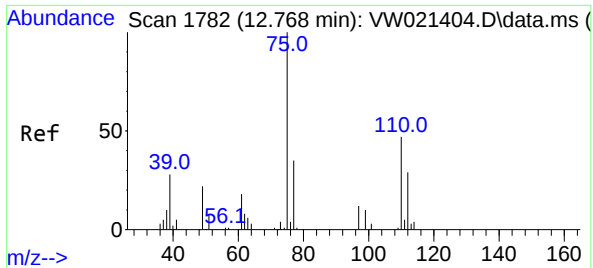


#49
Dibromochloromethane
Concen: 42.623 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021422.D
Acq: 17 Dec 2021 11:29

Tgt Ion:129 Resp: 26749

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 8.087 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021422.D
 Acq: 17 Dec 2021 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75	Resp:	1687
Ion	Ratio	Lower Upper
75	100	
77	33.9	25.8 38.8
110	0.0	29.0 43.4#

