

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026312.D
 Acq On : 16 Jun 2022 05:18
 Operator : SY/MD
 Sample : N3274-18 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC1

Quant Time: Jun 16 06:59:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

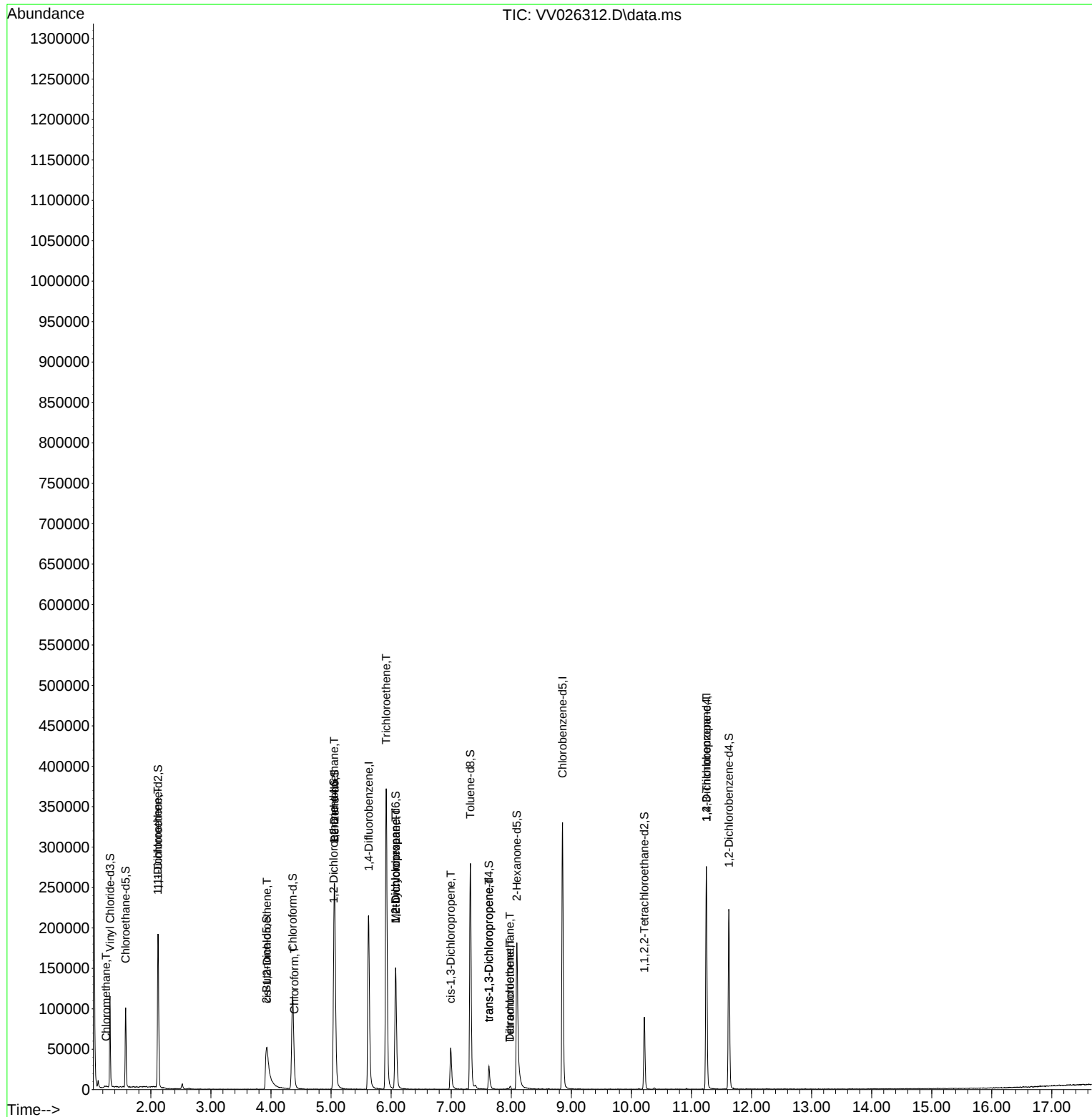
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	195155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	188880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75180	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.580	69	62966	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.121	63	100394	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.928	46	80073	48.412	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.362	84	126522	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.043	65	52666	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.059	84	241461	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.075	67	75055	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.320	98	191857	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.628	79	18071	3.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.091	63	65736	45.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44620	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	60950	5.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	698	0.043	ug/L	99
12) 1,1-Dichloroethene	2.117	96	1007	0.082	ug/L #	1
22) cis-1,2-Dichloroethene	3.934	96	4070	0.336	ug/L	86
25) Chloroform	4.387	83	2396	0.097	ug/L	92
27) 1,2-Dichloroethane	5.053	62	1285	0.114	ug/L #	71
34) Trichloroethene	5.918	95	132479	10.021	ug/L	99
35) Methylcyclohexane	6.075	83	18841	1.030	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8262	0.652	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1451	0.100	ug/L	84
44) trans-1,3-Dichloropropene	7.628	75	871	0.075	ug/L #	80
47) Tetrachloroethene	7.979	164	914	0.093	ug/L	87
49) Dibromochloromethane	7.979	129	738	0.080	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8101	1.665	ug/L #	68

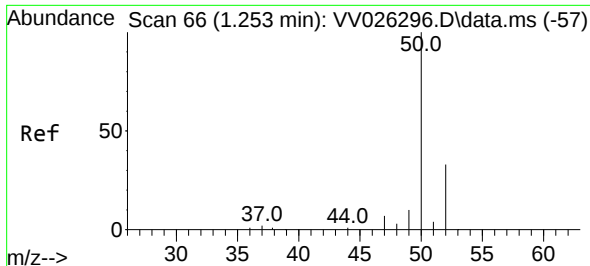
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
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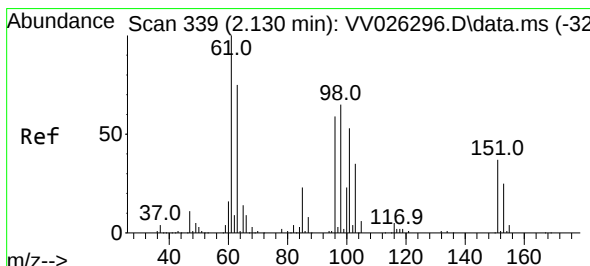
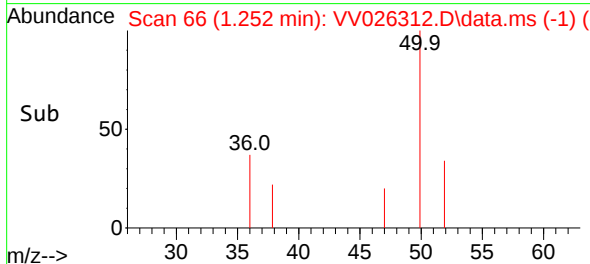
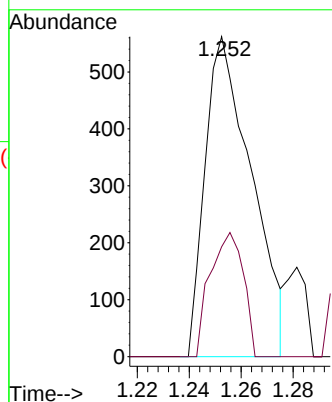
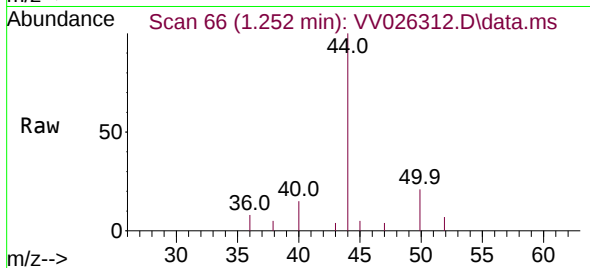




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.252 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV026312.D
Acq: 16 Jun 2022 05:18

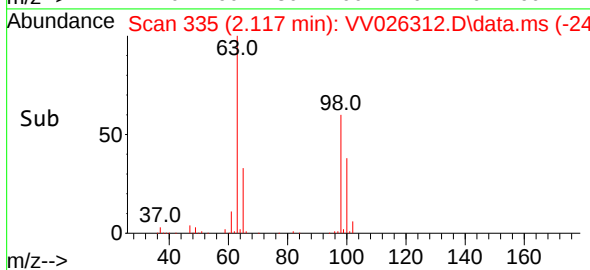
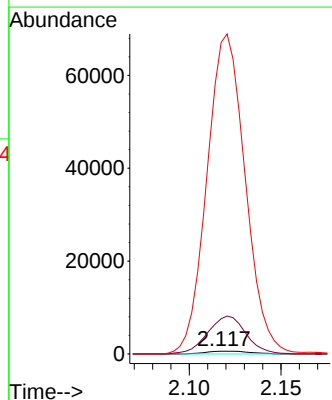
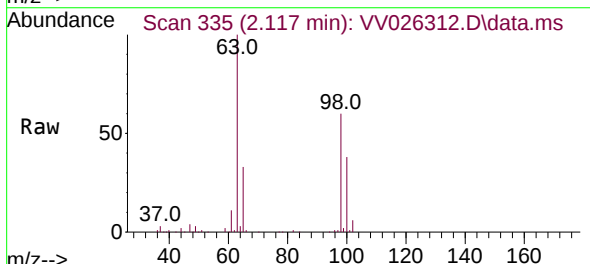
Instrument :
MSVOA_V
ClientSampleId :
C0BC1

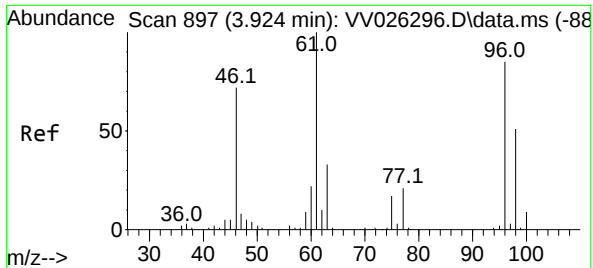
Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 34.3 23.7 44.1



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.013 min
Lab File: VV026312.D
Acq: 16 Jun 2022 05:18

Tgt Ion: 96 Resp: 1007
Ion Ratio Lower Upper
96 100
61 1264.4 117.1 217.5#
63 11165.4 92.8 172.4#

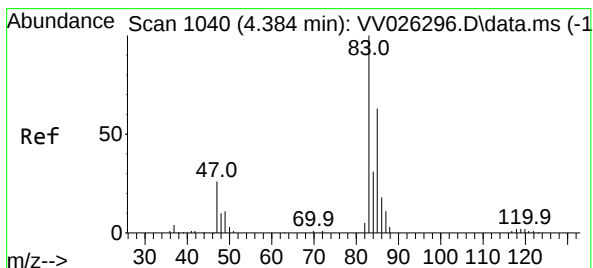
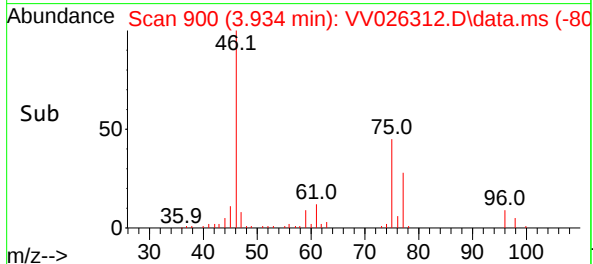
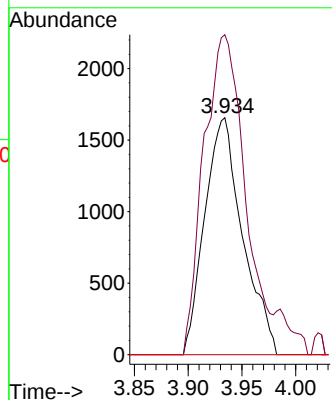
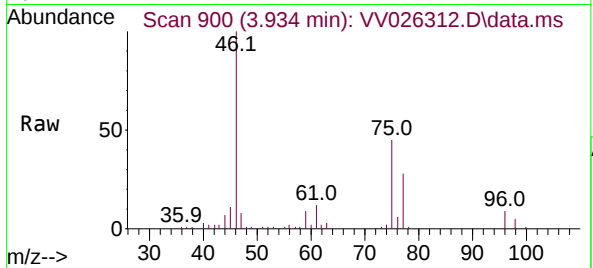




#22
 cis-1,2-Dichloroethene
 Concen: 0.336 ug/L
 RT: 3.934 min Scan# 90
 Delta R.T. 0.010 min
 Lab File: VV026312.D
 Acq: 16 Jun 2022 05:18

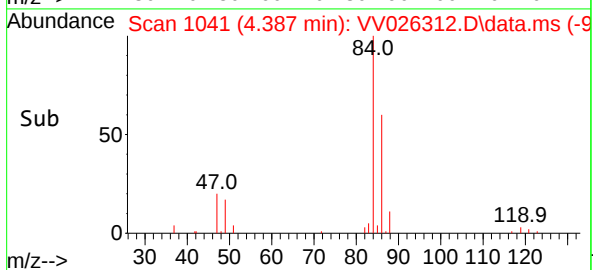
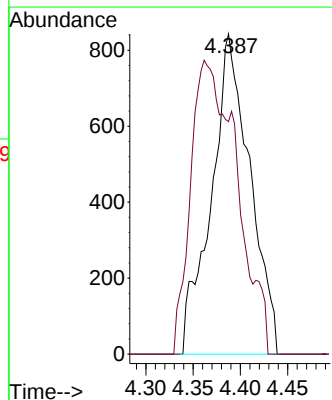
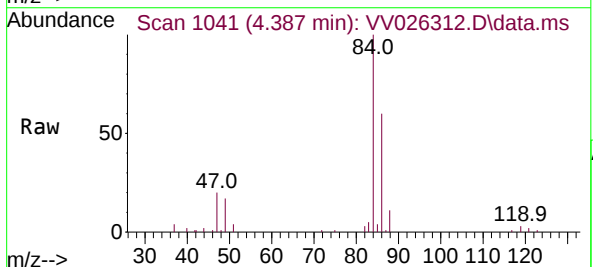
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC1

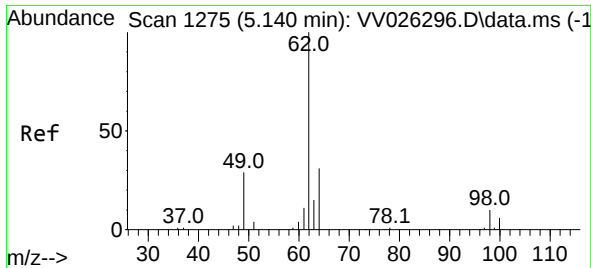
Tgt Ion: 96 Resp: 4070
 Ion Ratio Lower Upper
 96 100
 61 135.0 83.6 155.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.097 ug/L
 RT: 4.387 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VV026312.D
 Acq: 16 Jun 2022 05:18

Tgt Ion: 83 Resp: 2396
 Ion Ratio Lower Upper
 83 100
 85 72.6 46.5 86.3

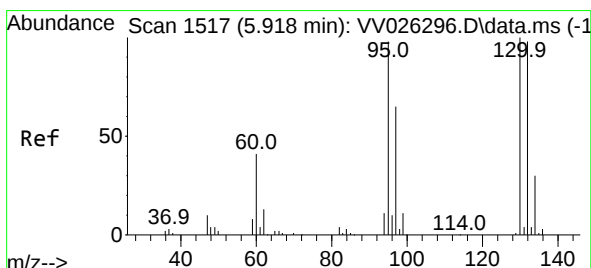
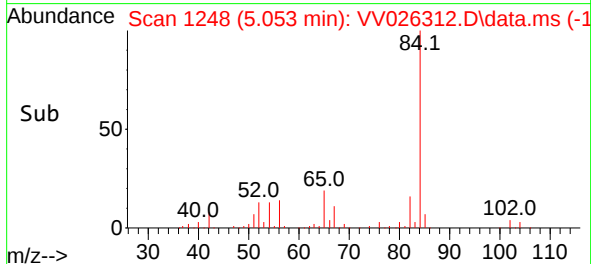
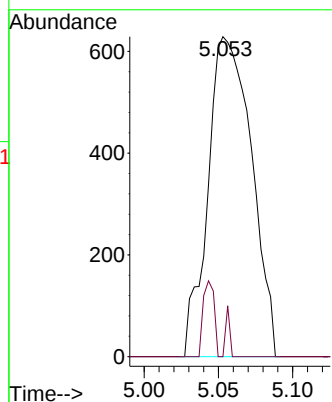
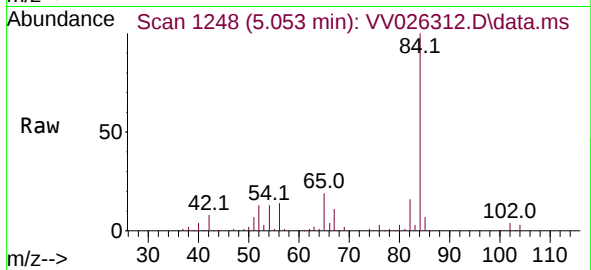




#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV026312.D
Acq: 16 Jun 2022 05:18

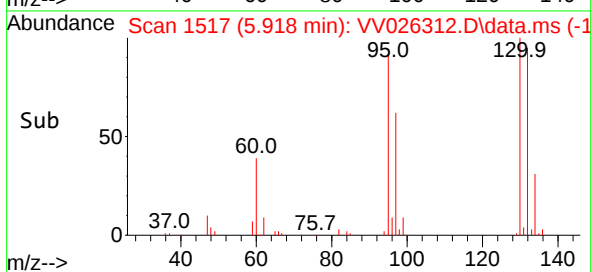
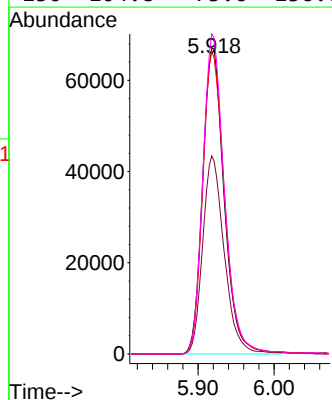
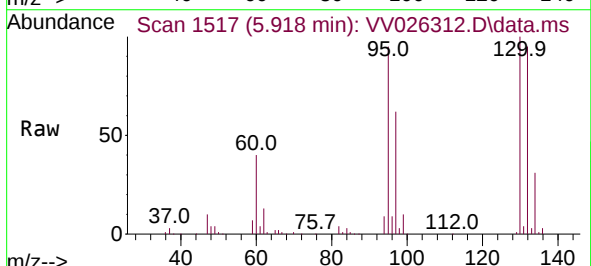
Instrument :
MSVOA_V
ClientSampleId :
C0BC1

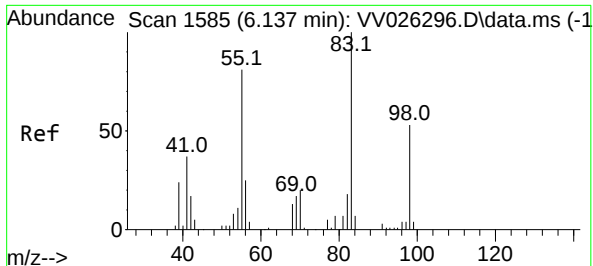
Tgt Ion: 62 Resp: 1285
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#



#34
Trichloroethene
Concen: 10.021 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026312.D
Acq: 16 Jun 2022 05:18

Tgt Ion: 95 Resp: 132479
Ion Ratio Lower Upper
95 100
97 64.8 46.5 86.3
132 99.2 68.8 127.8
130 104.8 73.6 136.6





#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026312.D

Acq: 16 Jun 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

C0BC1

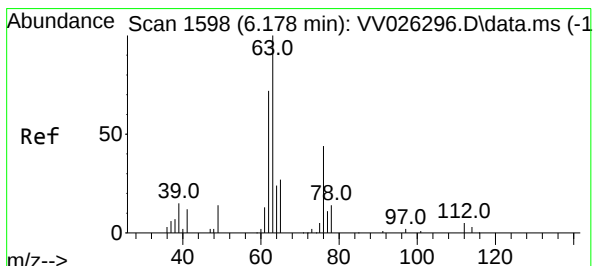
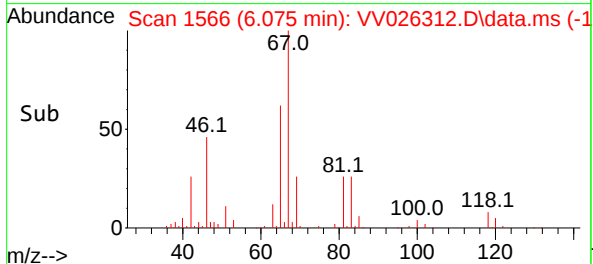
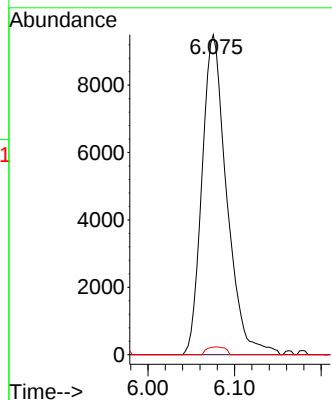
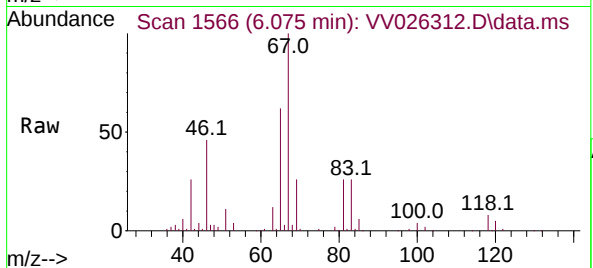
Tgt Ion: 83 Resp: 18841

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.8 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026312.D

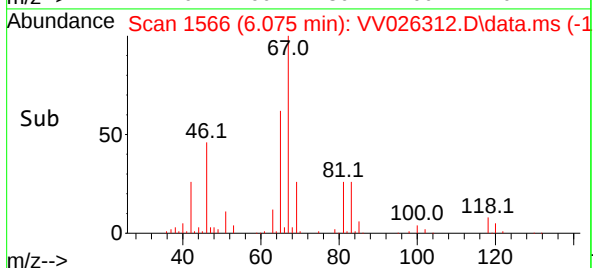
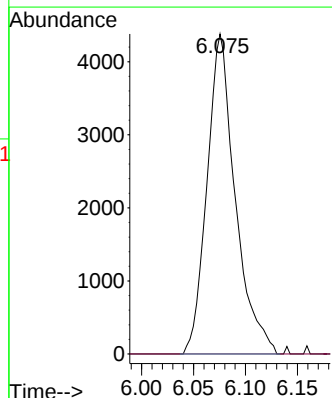
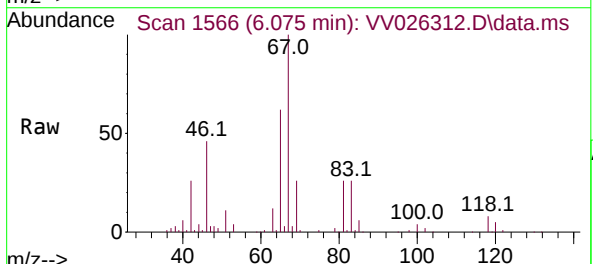
Acq: 16 Jun 2022 05:18

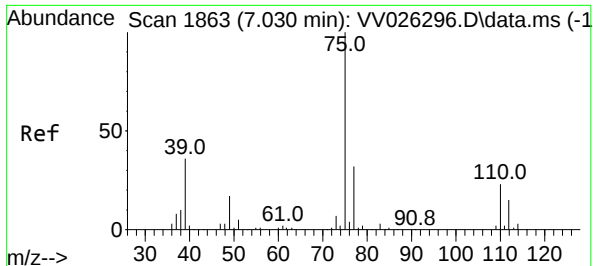
Tgt Ion: 63 Resp: 8262

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026312.D

Acq: 16 Jun 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

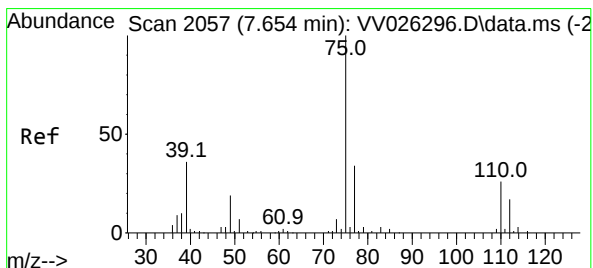
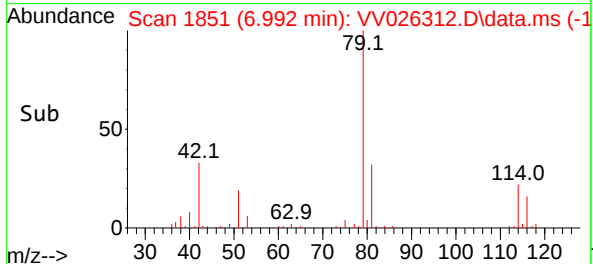
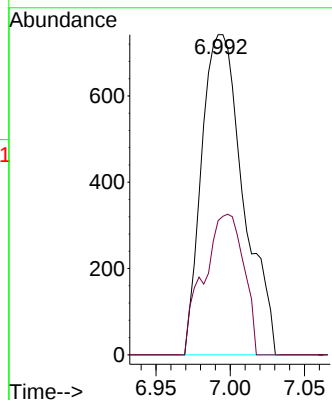
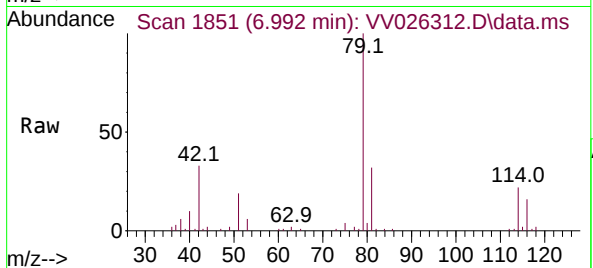
C0BC1

Tgt Ion: 75 Resp: 1451

Ion Ratio Lower Upper

75 100

77 41.9 23.0 42.6



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026312.D

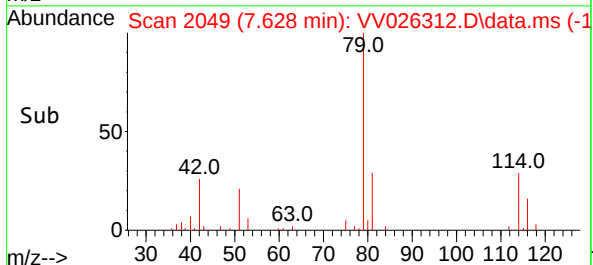
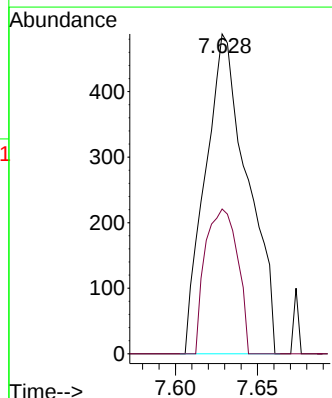
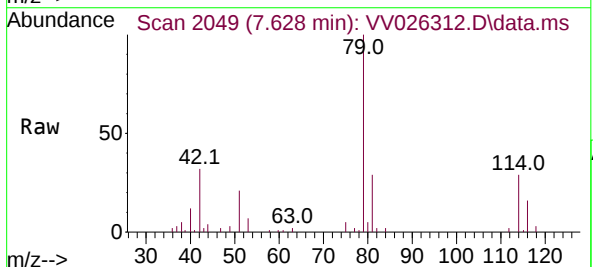
Acq: 16 Jun 2022 05:18

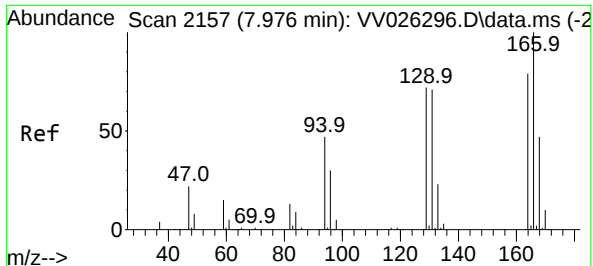
Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

77 45.3 23.7 43.9#





#47

Tetrachloroethene

Concen: 0.093 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026312.D

Acq: 16 Jun 2022 05:18

Instrument :

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ClientSampleId :

C0BC1

Tgt Ion:164 Resp: 914

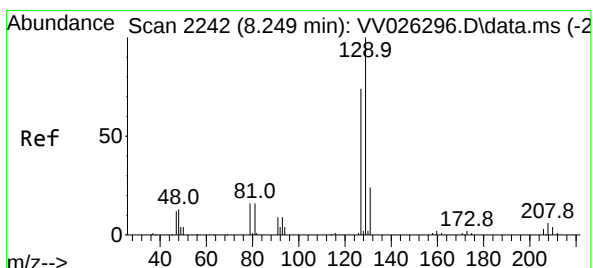
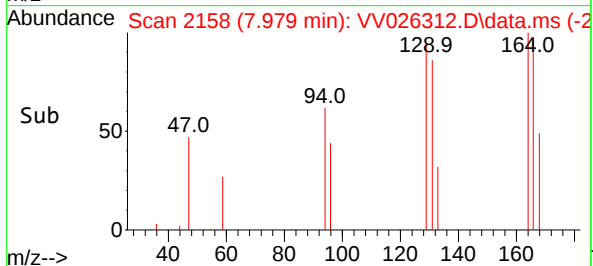
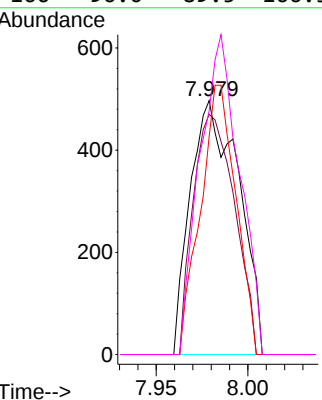
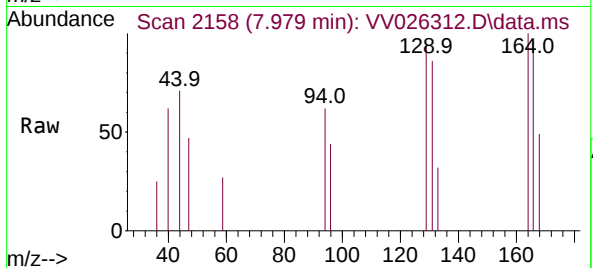
Ion Ratio Lower Upper

164 100

129 94.6 67.5 125.3

131 85.9 63.8 118.4

166 96.0 89.5 166.3



#49

Dibromochloromethane

Concen: 0.080 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026312.D

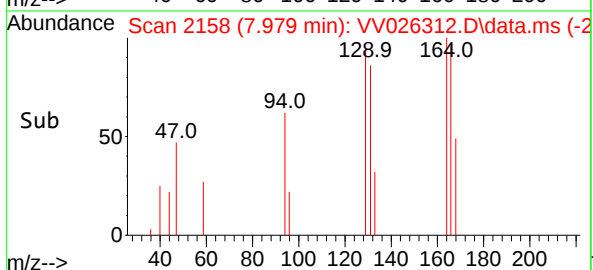
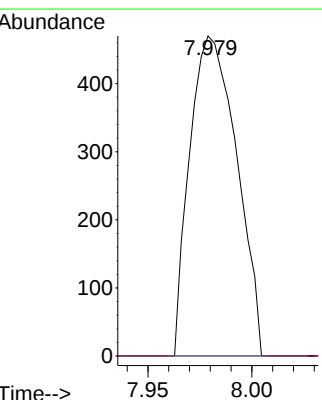
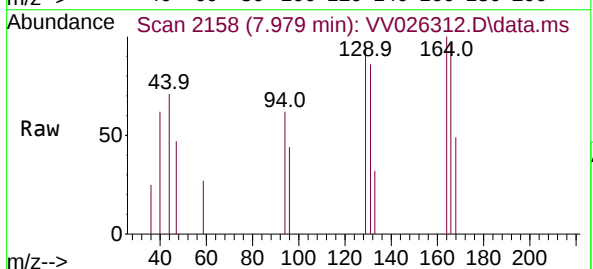
Acq: 16 Jun 2022 05:18

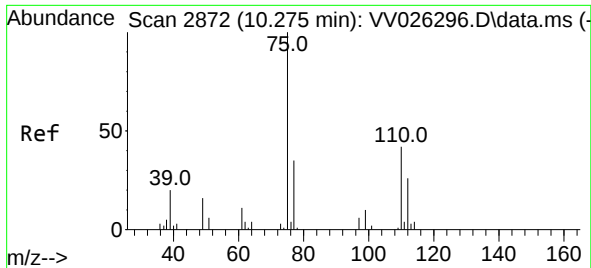
Tgt Ion:129 Resp: 738

Ion Ratio Lower Upper

129 100

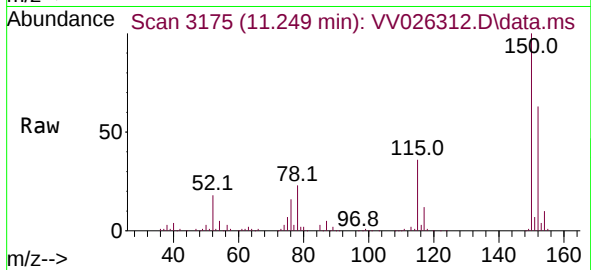
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.665 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026312.D
 Acq: 16 Jun 2022 05:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC1



Tgt Ion:	75	Resp:	8101
Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.9	40.3
110	2.1	30.7	46.1#

