

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026095.D
 Acq On : 10 Jun 2022 16:06
 Operator : SY/MD
 Sample : N3247-01RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

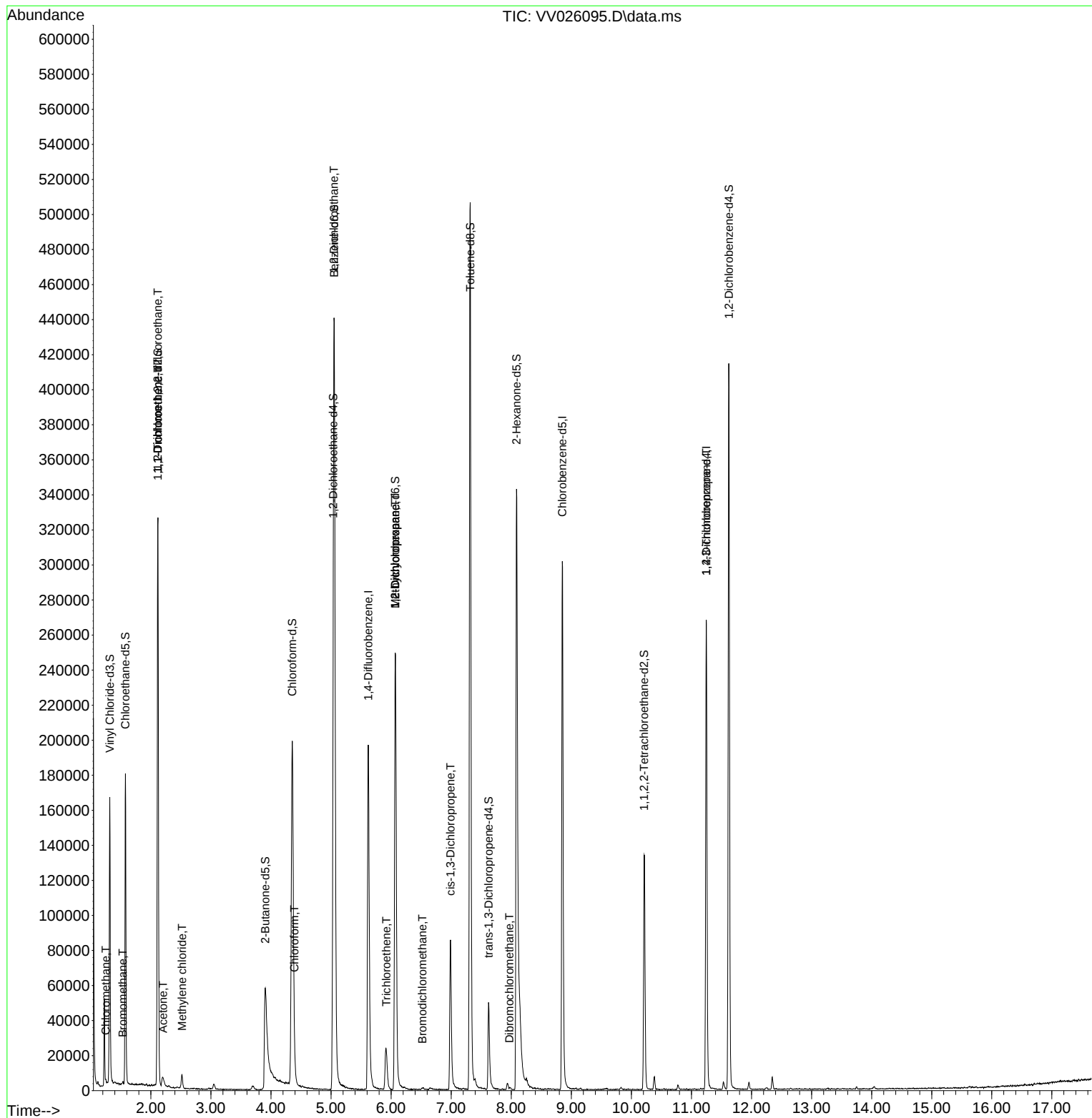
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	175470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	105996	10.290	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 205.800%#		
7) Chloroethane-d5	1.577	69	113414	10.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 210.600%#		
11) 1,1-Dichloroethene-d2	2.117	63	173843	7.307	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 146.200%#		
20) 2-Butanone-d5	3.905	46	121933	80.037	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 160.080%#		
24) Chloroform-d	4.355	84	207087	9.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 189.800%#		
26) 1,2-Dichloroethane-d4	5.037	65	87905	9.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 197.400%#		
32) Benzene-d6	5.053	84	420987	10.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 204.400%#		
36) 1,2-Dichloropropane-d6	6.069	67	126471	9.928	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 198.600%#		
41) Toluene-d8	7.317	98	345585	9.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 190.000%#		
43) trans-1,3-Dichloroprop...	7.622	79	31312	8.348	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 167.000%#		
46) 2-Hexanone-d5	8.088	63	138656	84.008	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 168.020%#		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	69080	8.042	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 160.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	105233	9.680	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 193.600%#		
Target Compounds						
						Qvalue
3) Chloromethane	1.249	50	1304	0.067	ug/L	84
6) Bromomethane	1.532	94	685	0.059	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1722	0.117	ug/L #	21
12) 1,1-Dichloroethene	2.117	96	1493	0.106	ug/L #	1
13) Acetone	2.201	43	11202	9.220	ug/L	83
16) Methylene chloride	2.519	84	3139	0.223	ug/L	96
25) Chloroform	4.387	83	8628	0.347	ug/L	97
27) 1,2-Dichloroethane	5.050	62	2222	0.181	ug/L #	72
34) Trichloroethene	5.921	95	5117	0.366	ug/L	95
35) Methylcyclohexane	6.069	83	30570	1.417	ug/L #	26
37) 1,2-Dichloropropane	6.069	63	13339	1.028	ug/L #	86
38) Bromodichloromethane	6.522	83	797	0.051	ug/L #	94
39) cis-1,3-Dichloropropene	6.989	75	2478	0.155	ug/L #	54
49) Dibromochloromethane	7.969	129	277	0.030	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8507	1.534	ug/L #	66

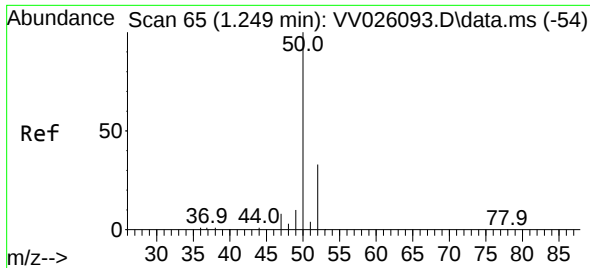
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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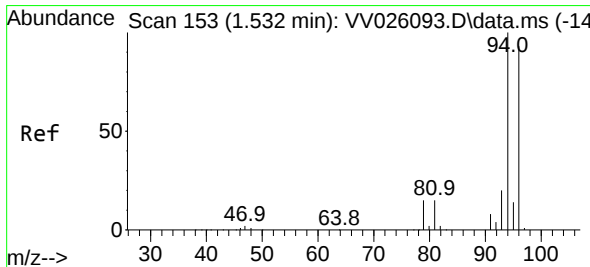
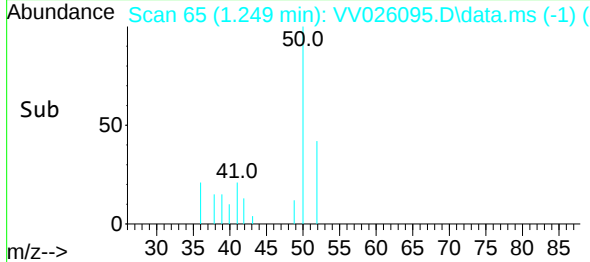
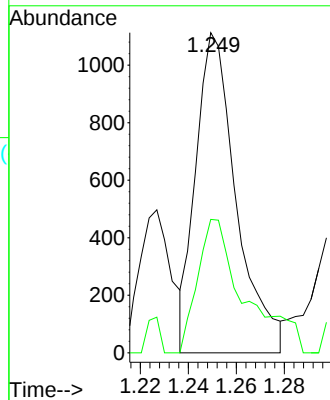
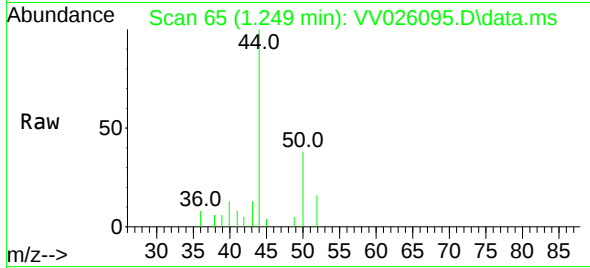




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

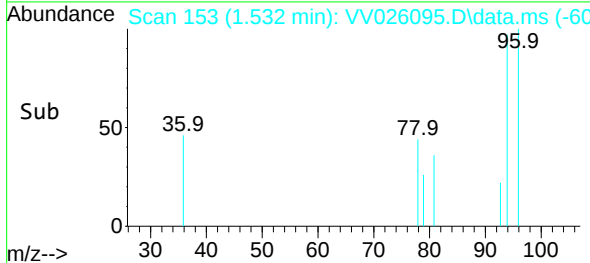
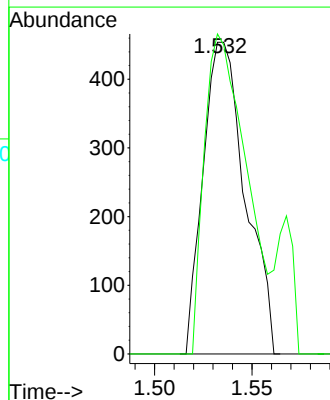
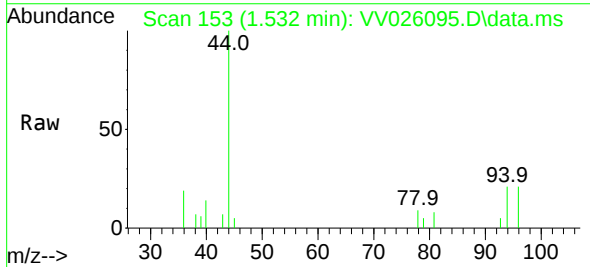
Instrument :
MSVOA_V
ClientSampleId :

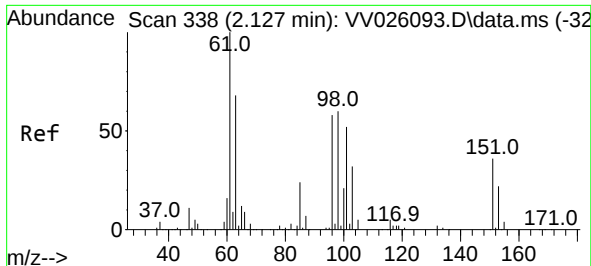
Tgt Ion: 50 Resp: 1304
Ion Ratio Lower Upper
50 100
52 41.7 23.0 42.6



#6
Bromomethane
Concen: 0.059 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 102.6 65.5 121.6

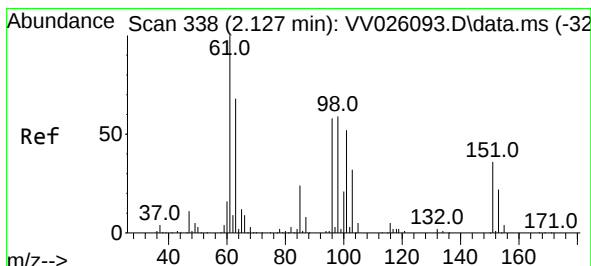
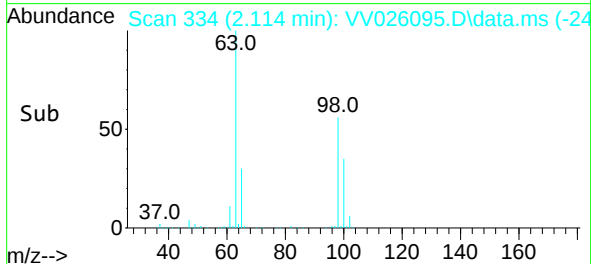
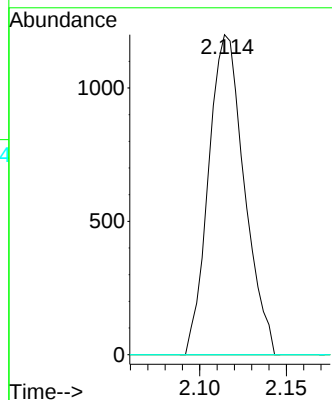
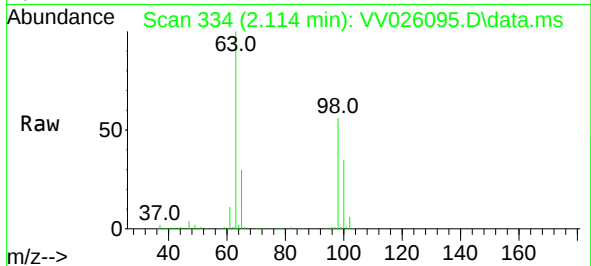




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.117 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VV026095.D
 Acq: 10 Jun 2022 16:06

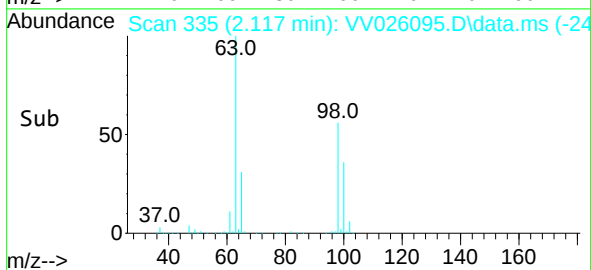
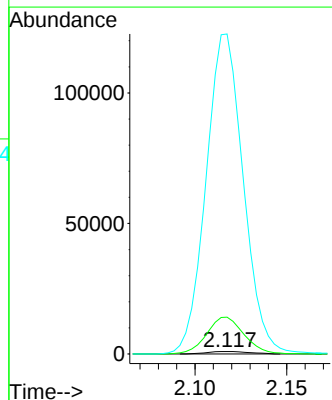
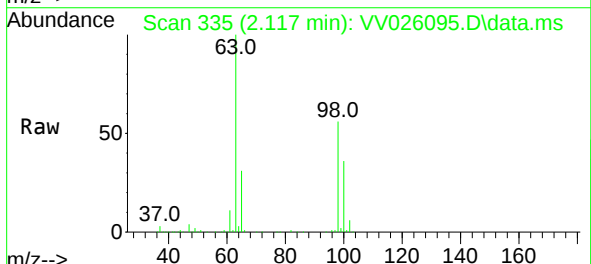
Instrument :
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 ClientSampleId :

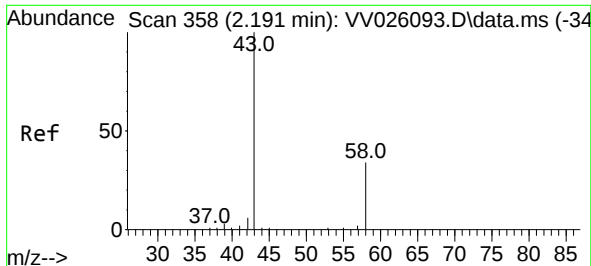
Tgt Ion:101 Resp: 1722
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 56.4 84.6#



#12
 1,1-Dichloroethene
 Concen: 0.106 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.010 min
 Lab File: VV026095.D
 Acq: 10 Jun 2022 16:06

Tgt Ion: 96 Resp: 1493
 Ion Ratio Lower Upper
 96 100
 61 1480.3 122.6 227.6#
 63 12878.2 78.5 145.9#

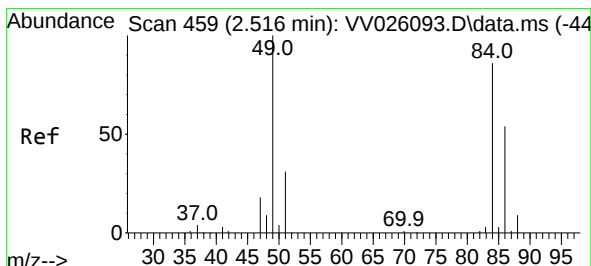
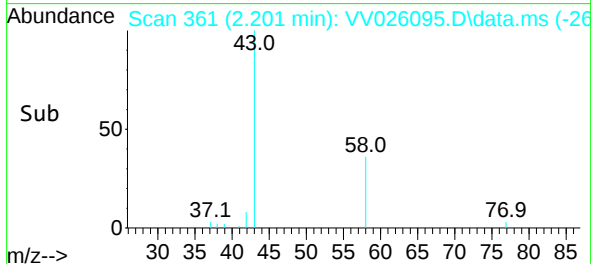
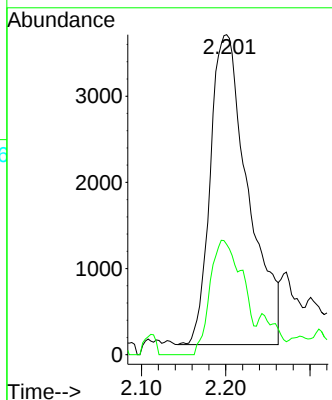
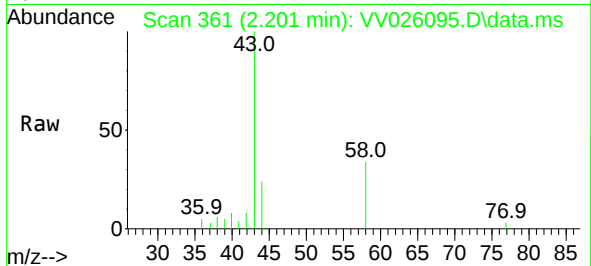




#13
Acetone
Concen: 9.220 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

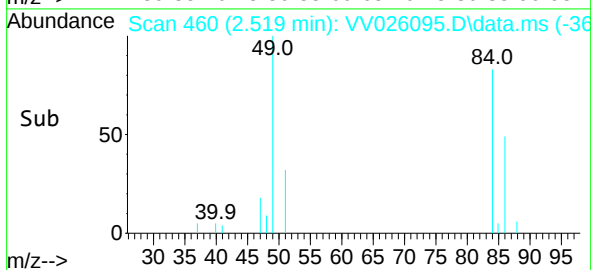
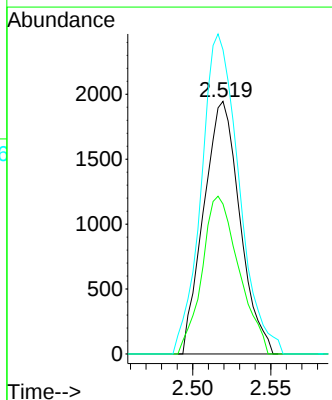
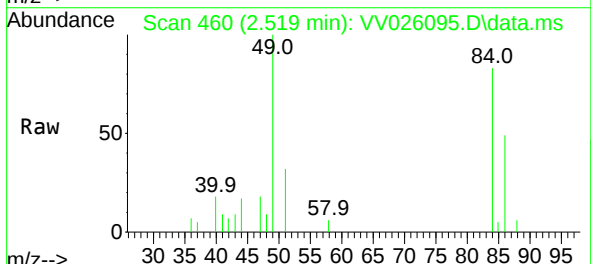
Instrument :
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ClientSampleId :

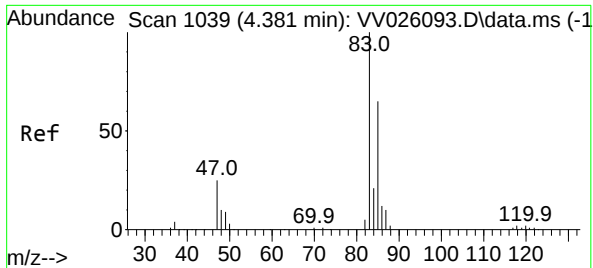
Tgt Ion: 43 Resp: 11202
Ion Ratio Lower Upper
43 100
58 32.1 0.0 47.6



#16
Methylene chloride
Concen: 0.223 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

Tgt Ion: 84 Resp: 3139
Ion Ratio Lower Upper
84 100
86 59.4 45.6 84.6
49 120.4 82.9 153.9

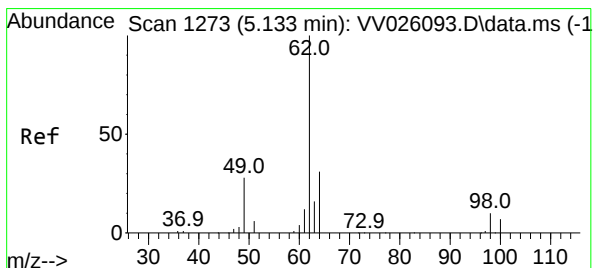
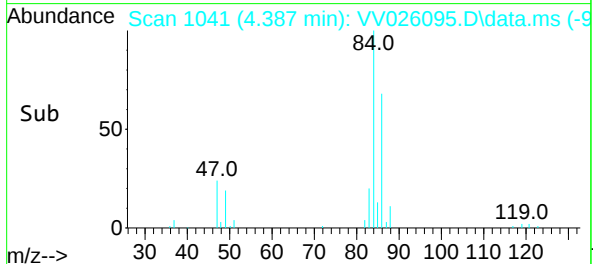
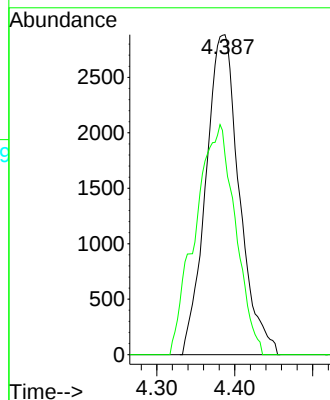
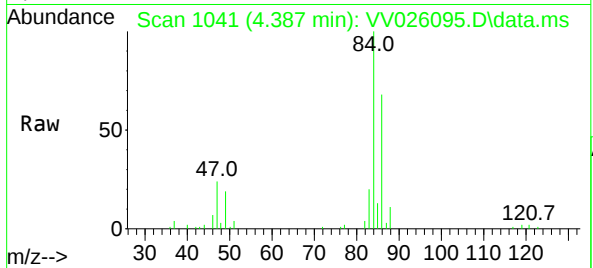




#25
Chloroform
Concen: 0.347 ug/L
RT: 4.387 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

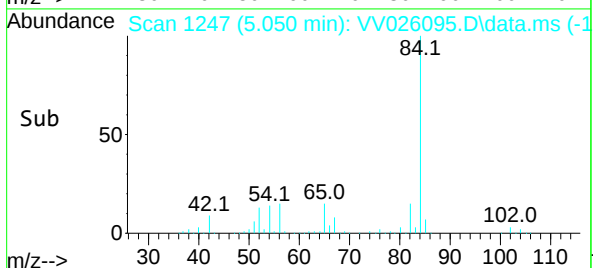
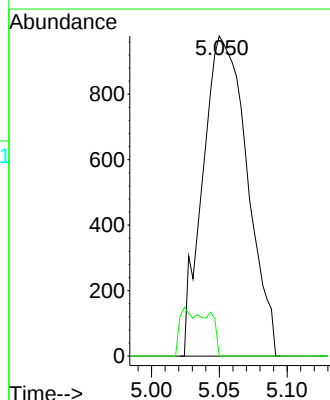
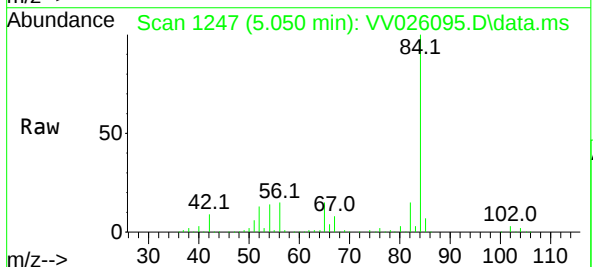
Instrument :
MSVOA_V
ClientSampleId :

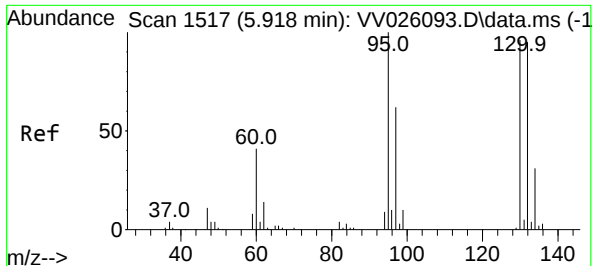
Tgt Ion: 83 Resp: 8628
Ion Ratio Lower Upper
83 100
85 62.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.084 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

Tgt Ion: 62 Resp: 2222
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#



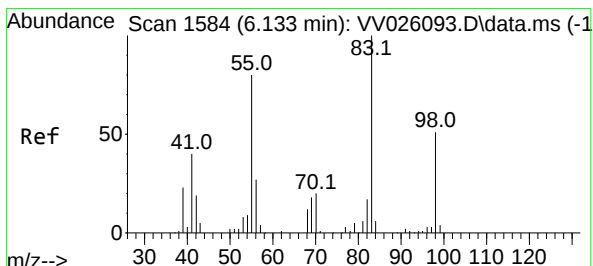
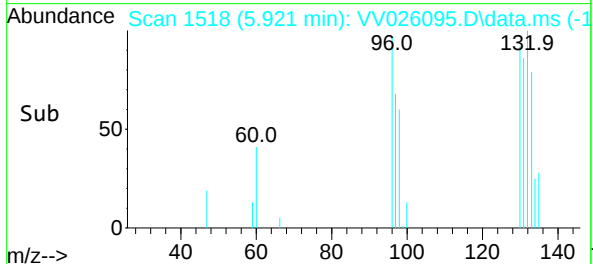
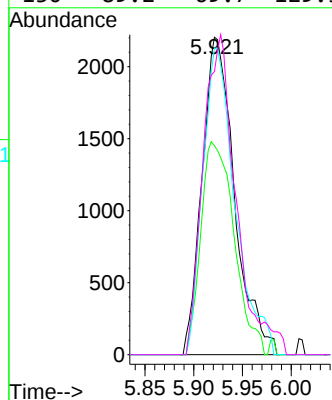
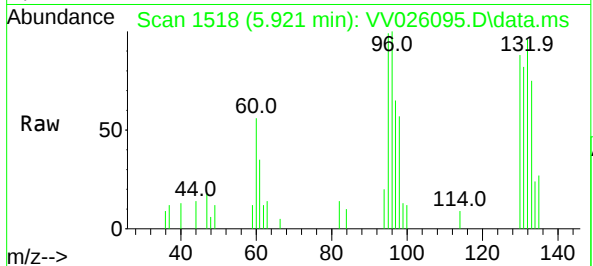


#34
Trichloroethene
Concen: 0.366 ug/L
RT: 5.921 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5117

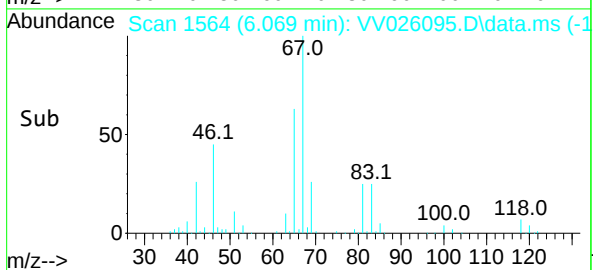
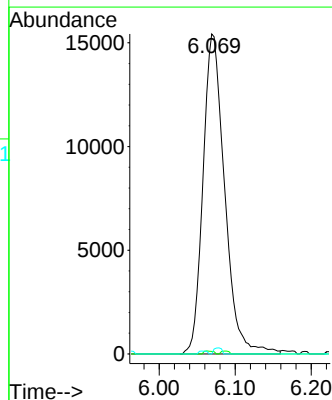
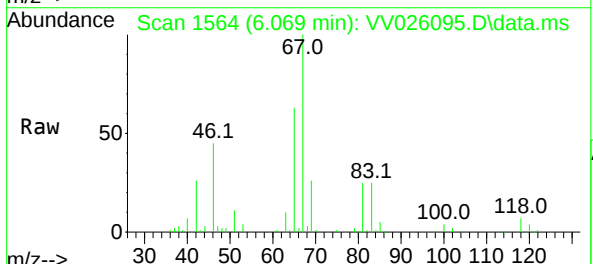
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.0	81.6
132	96.6	67.5	125.4
130	89.2	69.7	129.5

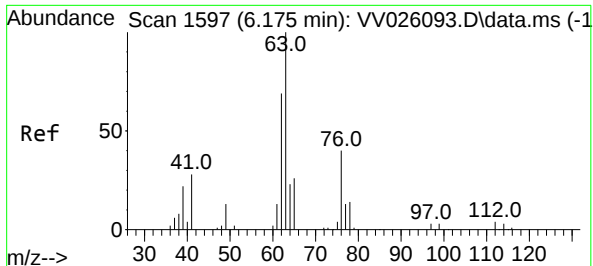


#35
Methylcyclohexane
Concen: 1.417 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV026095.D
Acq: 10 Jun 2022 16:06

Tgt Ion: 83 Resp: 30570

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	12.3	38.9	58.3#





#37

1,2-Dichloropropane

Concen: 1.028 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026095.D

Acq: 10 Jun 2022 16:06

Instrument :

MSVOA_V

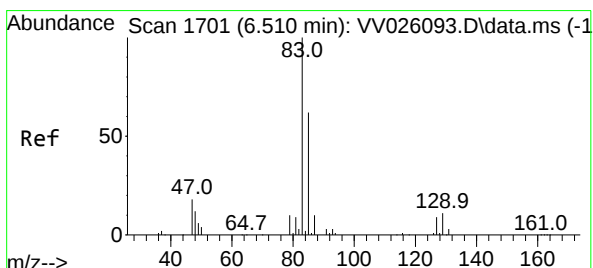
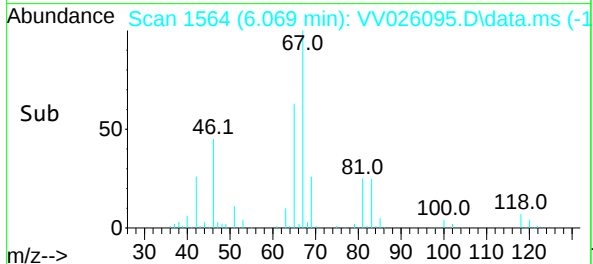
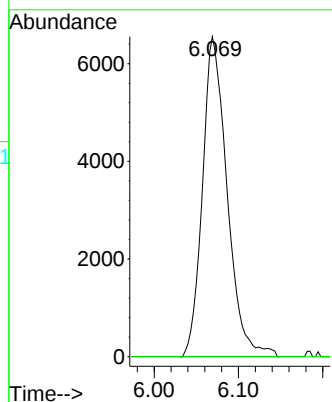
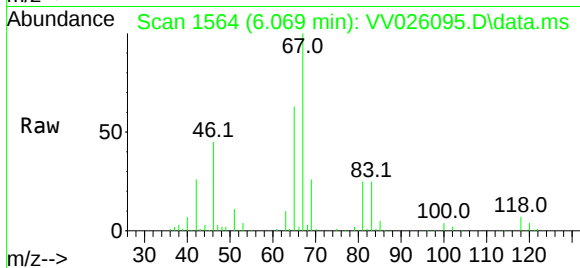
ClientSampleId :

Tgt Ion: 63 Resp: 13339

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.051 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV026095.D

Acq: 10 Jun 2022 16:06

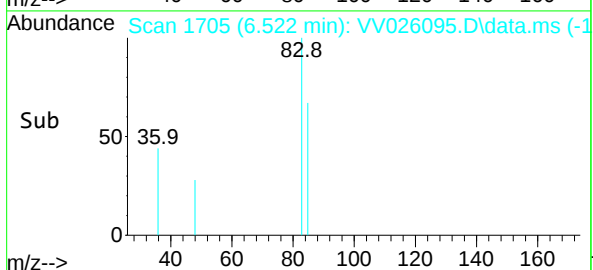
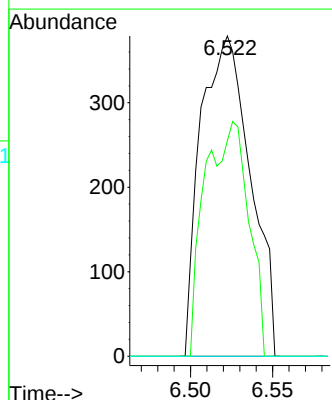
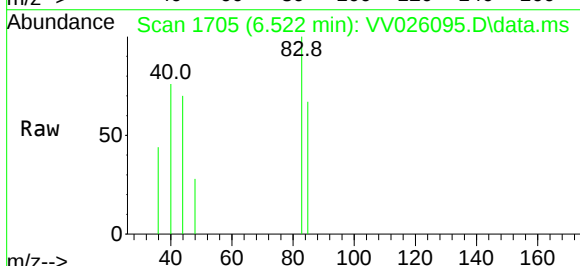
Tgt Ion: 83 Resp: 797

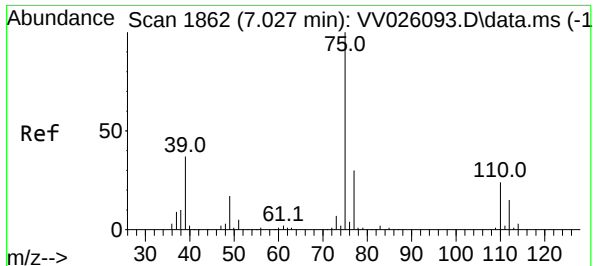
Ion Ratio Lower Upper

83 100

85 67.3 44.8 83.2

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.155 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026095.D

Acq: 10 Jun 2022 16:06

Instrument :

MSVOA_V

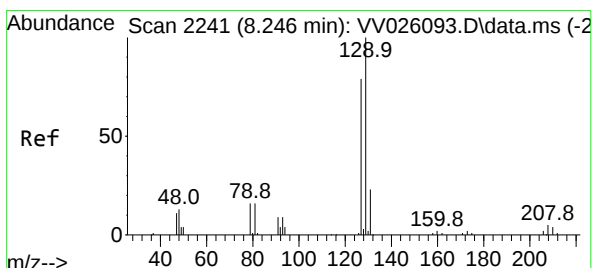
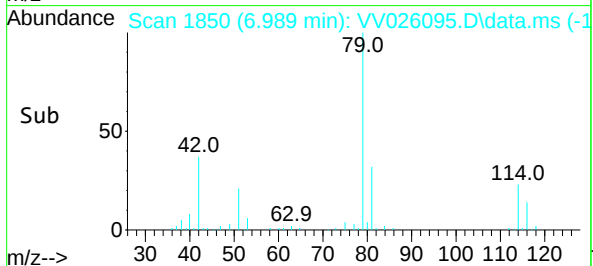
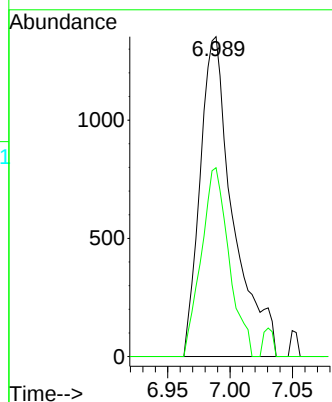
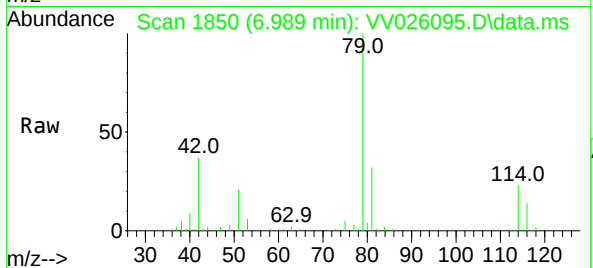
ClientSampleId :

Tgt Ion: 75 Resp: 2478

Ion Ratio Lower Upper

75 100

77 59.1 23.2 43.0#



#49

Dibromochloromethane

Concen: 0.030 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.277 min

Lab File: VV026095.D

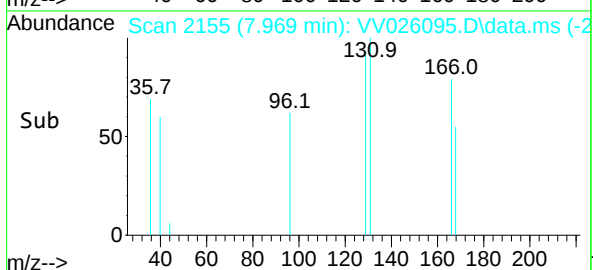
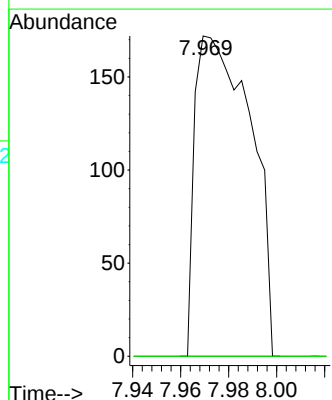
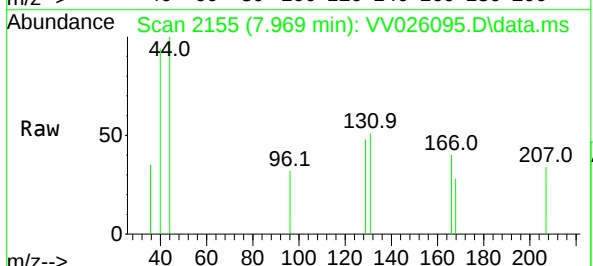
Acq: 10 Jun 2022 16:06

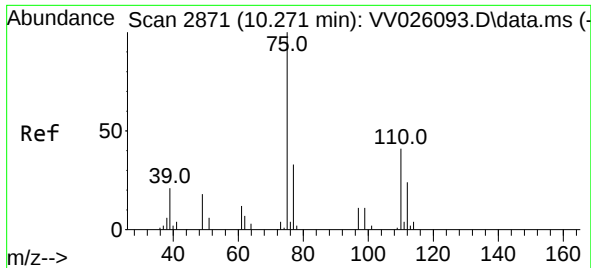
Tgt Ion: 129 Resp: 277

Ion Ratio Lower Upper

129 100

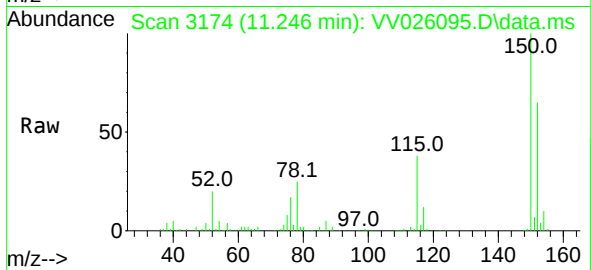
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.534 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026095.D
 Acq: 10 Jun 2022 16:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	8507
Ion	Ratio	Lower Upper
75	100	
77	33.0	26.6 40.0
110	1.7	32.0 48.0#

