

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026124.D
 Acq On : 11 Jun 2022 12:57
 Operator : SY/MD
 Sample : N3273-05DL 40X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:18:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

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

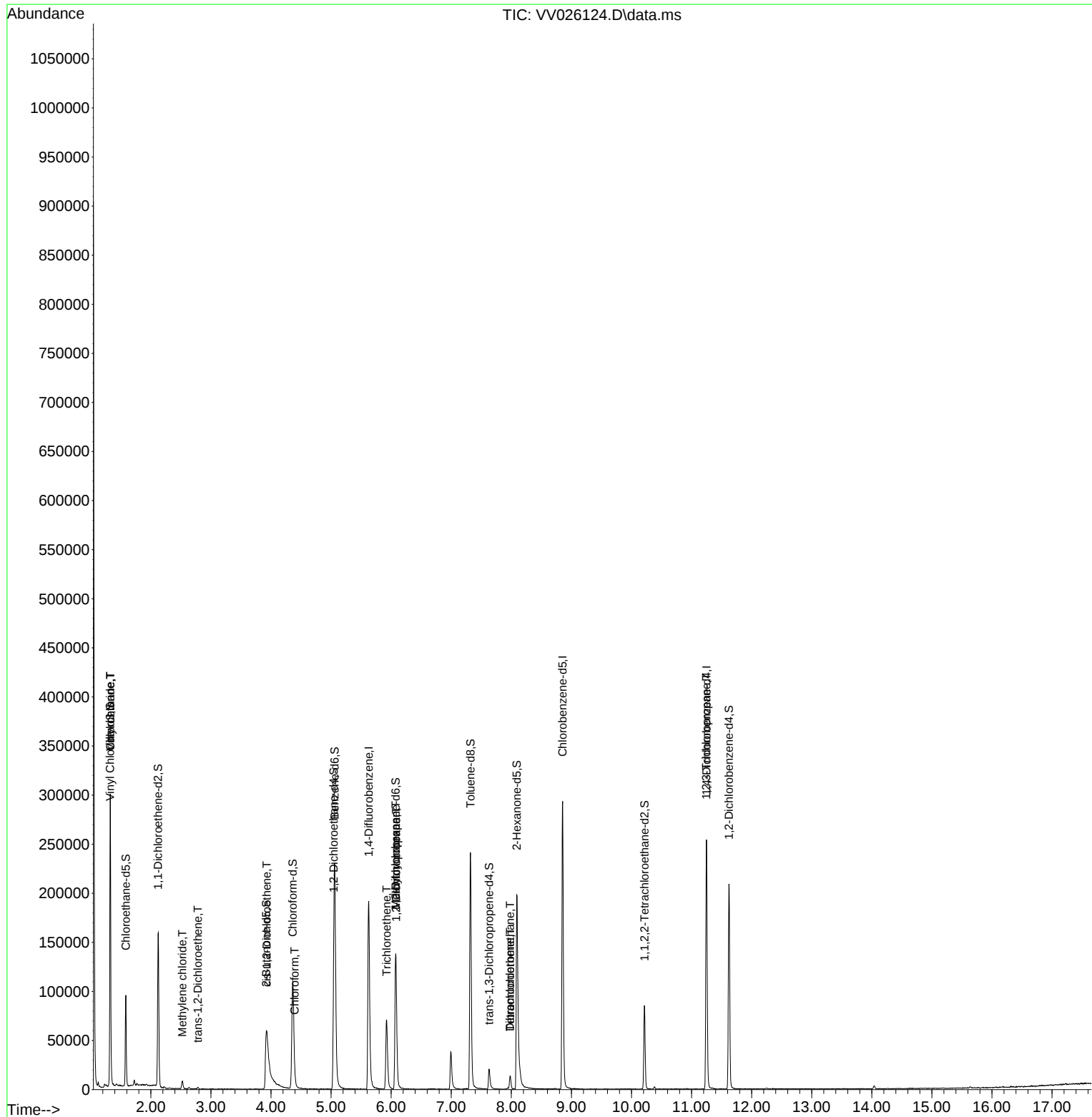
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	171963	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	166160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51751	5.127	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.584	69	59333	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.400%	
11) 1,1-Dichloroethene-d2	2.121	63	83966	3.601	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.000%	
20) 2-Butanone-d5	3.921	46	93075	62.341	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.680%	
24) Chloroform-d	4.362	84	117098	5.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.043	65	49271	5.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.060	84	220305	5.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
36) 1,2-Dichloropropane-d6	6.076	67	71847	5.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.600%	
41) Toluene-d8	7.320	98	166533	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.629	79	13521	3.697	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.000%	
46) 2-Hexanone-d5	8.092	63	73228	45.501	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42934	5.126	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55658	5.321	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
5) Vinyl chloride	1.327	62	148122	7.485	ug/L	98
8) Chloroethane	1.327	64	46183	3.794	ug/L #	46
16) Methylene chloride	2.523	84	3281	0.238	ug/L	98
18) trans-1,2-Dichloroethene	2.783	96	570	0.044	ug/L	92
22) cis-1,2-Dichloroethene	3.931	96	3192	0.248	ug/L	76
25) Chloroform	4.391	83	2015	0.083	ug/L	86
34) Trichloroethene	5.925	95	25416	1.863	ug/L	98
35) Methylcyclohexane	6.076	83	16964	0.807	ug/L #	20
37) 1,2-Dichloropropane	6.082	63	7093	0.560	ug/L #	86
47) Tetrachloroethene	7.982	164	3228	0.306	ug/L	95
49) Dibromochloromethane	7.982	129	3171	0.353	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	7930	1.486	ug/L #	66

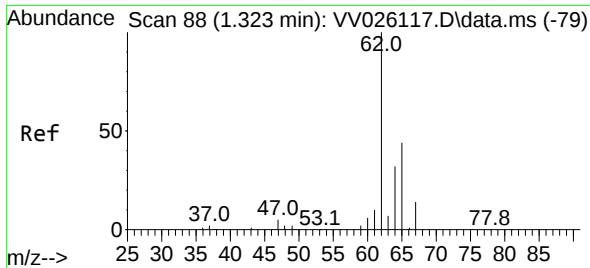
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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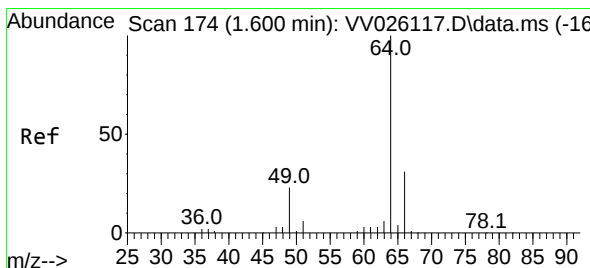
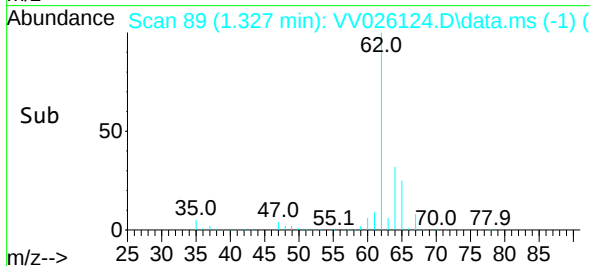
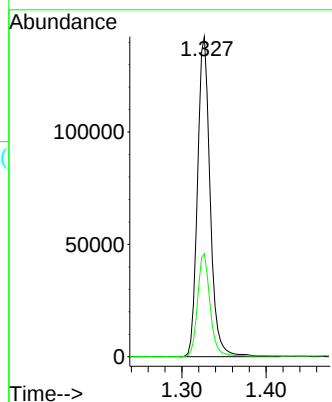
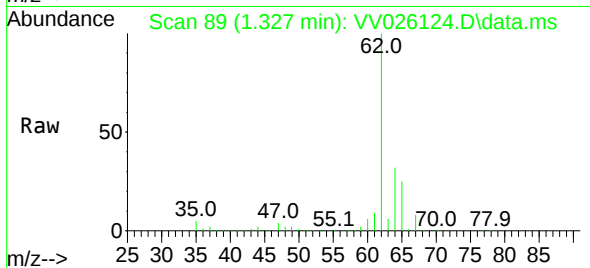




#5
 Vinyl chloride
 Concen: 7.485 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026124.D
 Acq: 11 Jun 2022 12:57

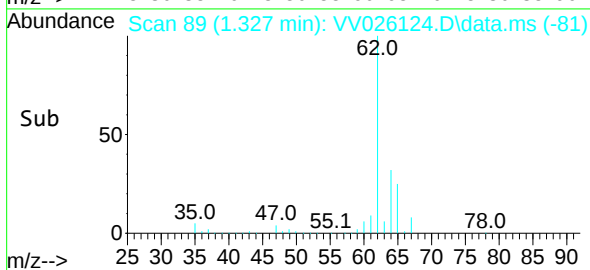
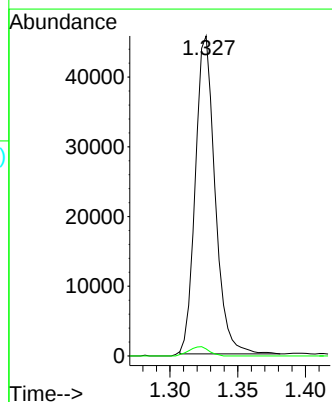
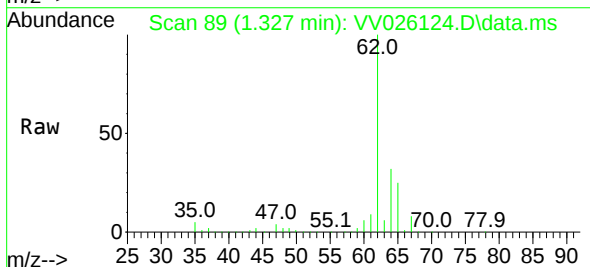
Instrument :
 MSVOA_V
 ClientSampleId :

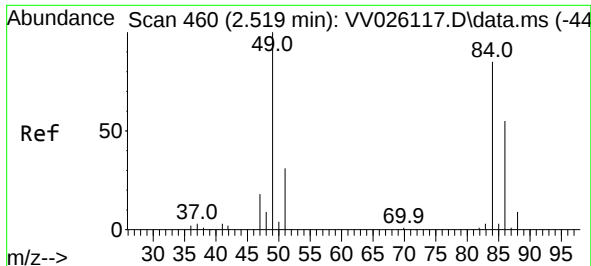
Tgt Ion: 62 Resp: 148122
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#8
 Chloroethane
 Concen: 3.794 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. -0.273 min
 Lab File: VV026124.D
 Acq: 11 Jun 2022 12:57

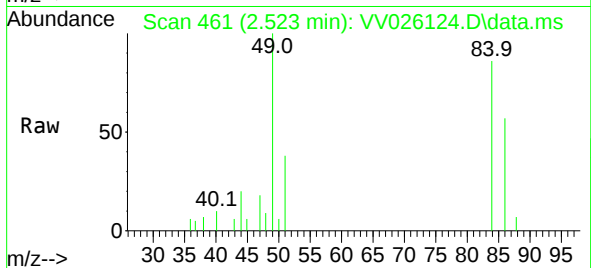
Tgt Ion: 64 Resp: 46183
 Ion Ratio Lower Upper
 64 100
 66 2.2 23.0 42.8#



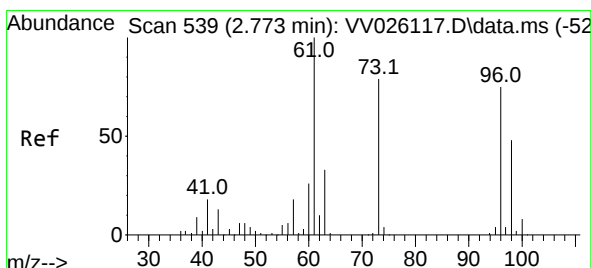
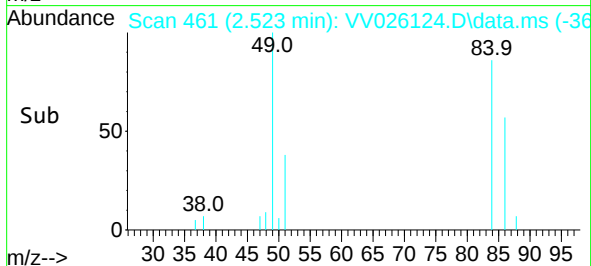
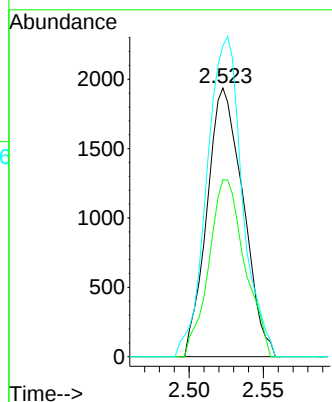


#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026124.D
Acq: 11 Jun 2022 12:57

Instrument :
MSVOA_V
ClientSampleId :

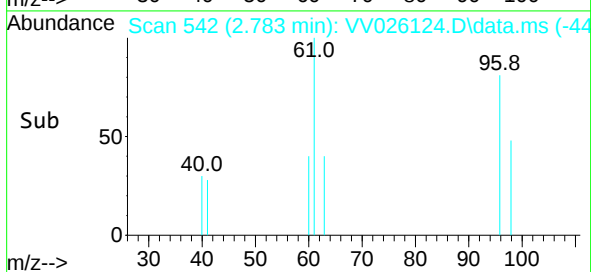
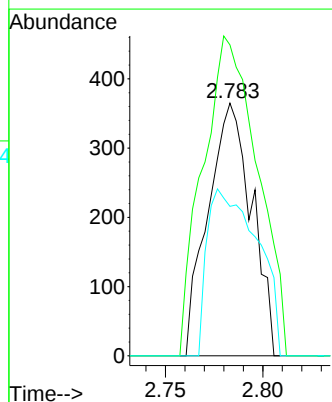
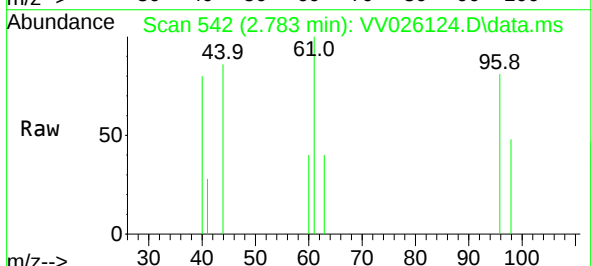


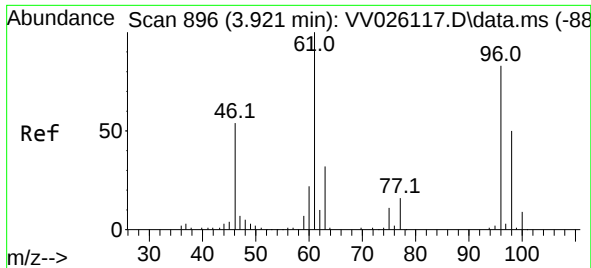
Tgt Ion: 84 Resp: 3281
Ion Ratio Lower Upper
84 100
86 65.9 45.6 84.6
49 115.8 82.9 153.9



#18
trans-1,2-Dichloroethene
Concen: 0.044 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026124.D
Acq: 11 Jun 2022 12:57

Tgt Ion: 96 Resp: 570
Ion Ratio Lower Upper
96 100
61 123.0 94.3 175.1
98 59.2 44.4 82.5

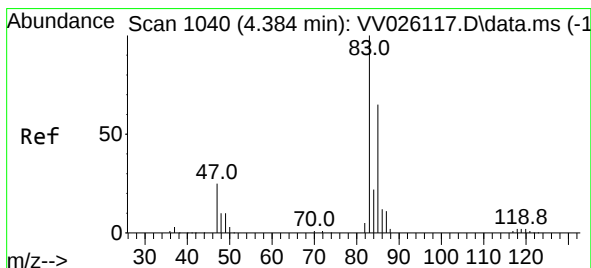
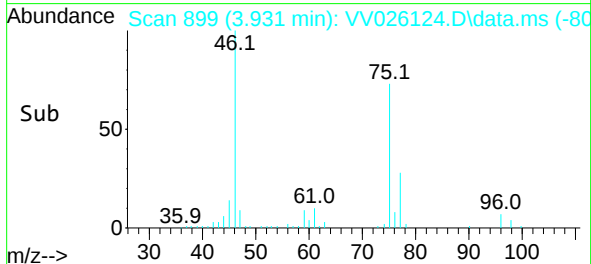
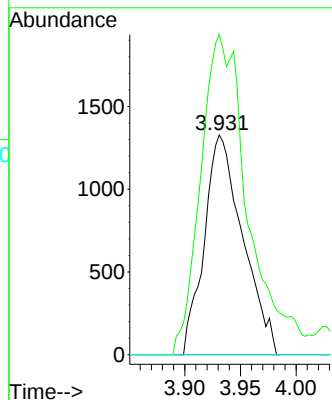
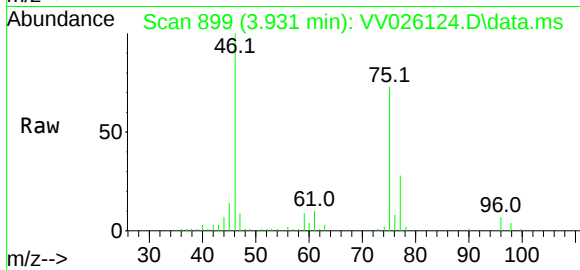




#22
 cis-1,2-Dichloroethene
 Concen: 0.248 ug/L
 RT: 3.931 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV026124.D
 Acq: 11 Jun 2022 12:57

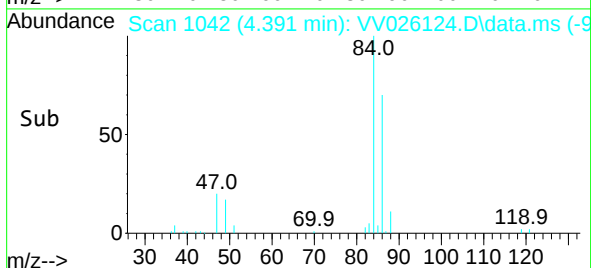
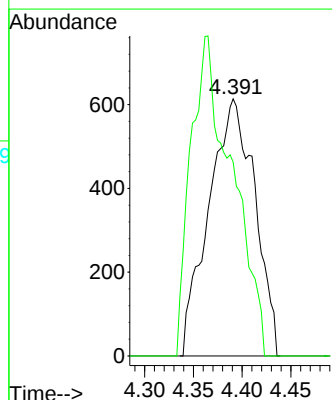
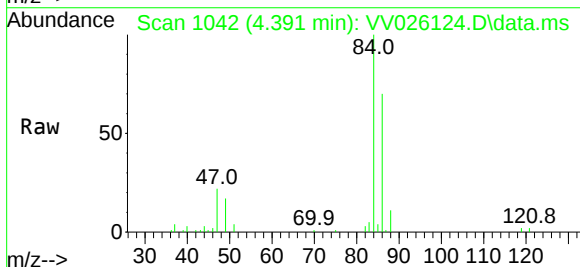
Instrument :
 MSVOA_V
 ClientSampleId :

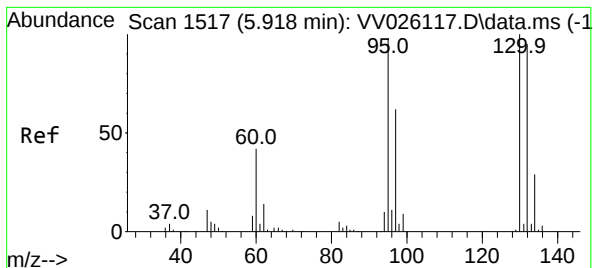
Tgt Ion: 96 Resp: 3192
 Ion Ratio Lower Upper
 96 100
 61 145.5 83.1 154.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.083 ug/L
 RT: 4.391 min Scan# 1042
 Delta R.T. 0.006 min
 Lab File: VV026124.D
 Acq: 11 Jun 2022 12:57

Tgt Ion: 83 Resp: 2015
 Ion Ratio Lower Upper
 83 100
 85 75.4 45.2 84.0





#34

Trichloroethene

Concen: 1.863 ug/L

RT: 5.925 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 25416

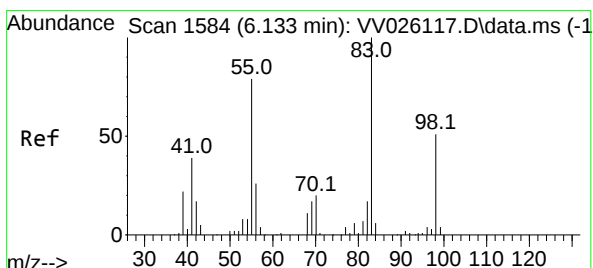
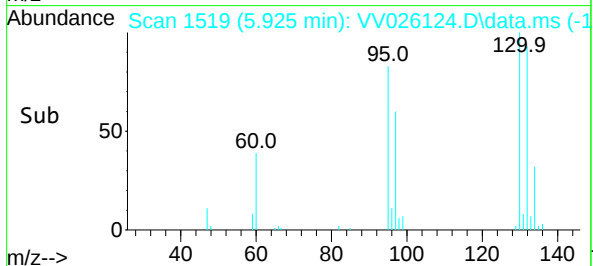
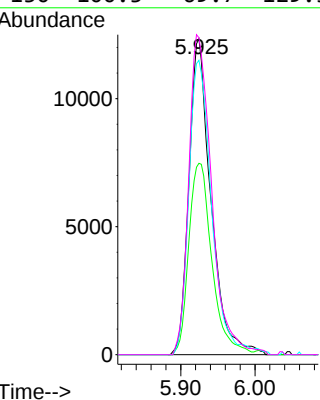
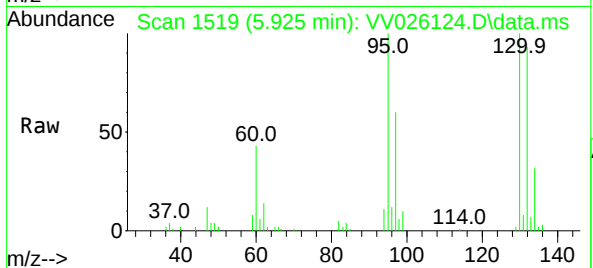
Ion Ratio Lower Upper

95 100

97 60.6 44.0 81.6

132 93.2 67.5 125.4

130 100.3 69.7 129.5



#35

Methylcyclohexane

Concen: 0.807 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

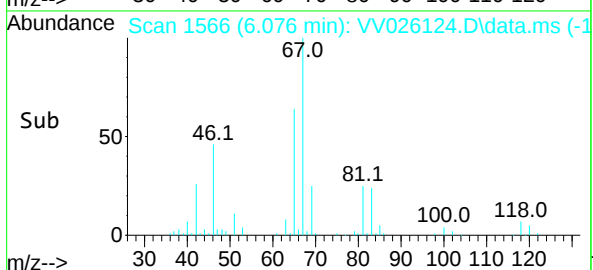
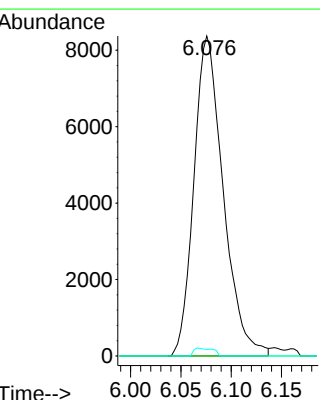
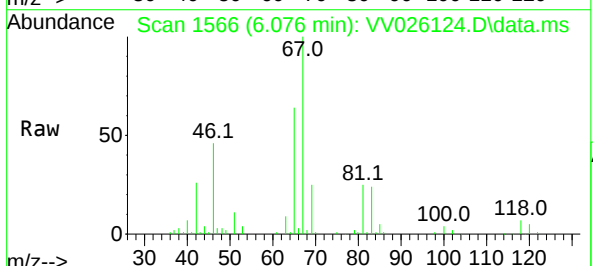
Tgt Ion: 83 Resp: 16964

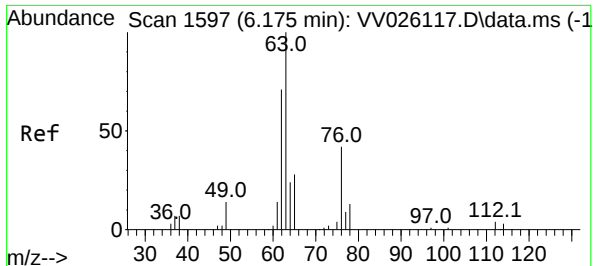
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 1.6 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.082 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

Instrument :

MSVOA_V

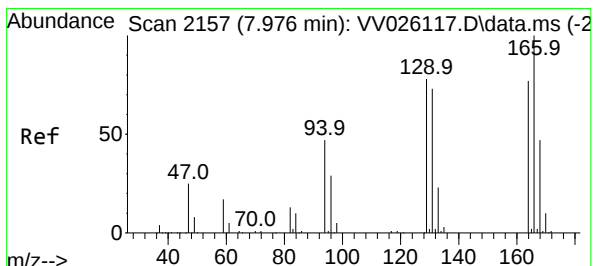
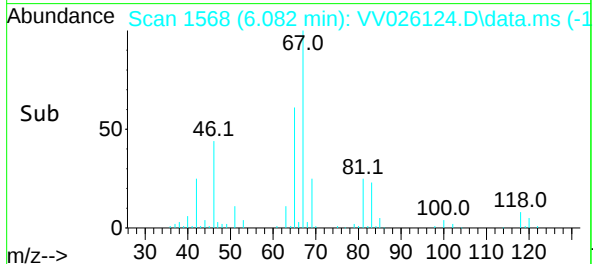
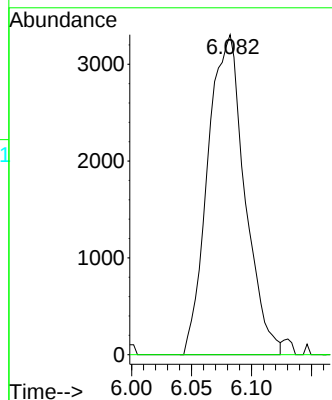
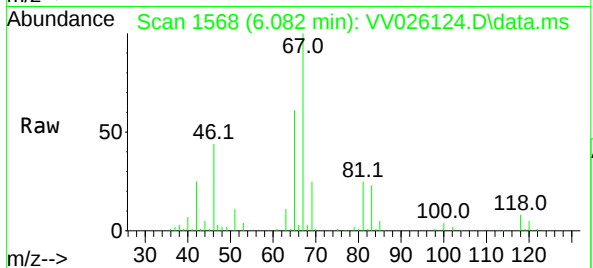
ClientSampleId :

Tgt Ion: 63 Resp: 7093

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

Tgt Ion: 164 Resp: 3228

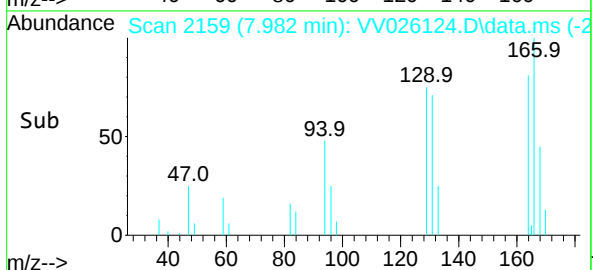
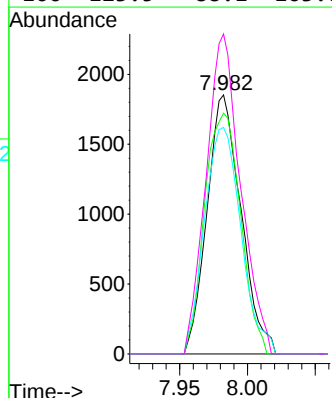
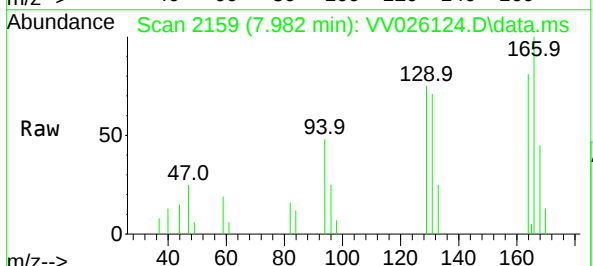
Ion Ratio Lower Upper

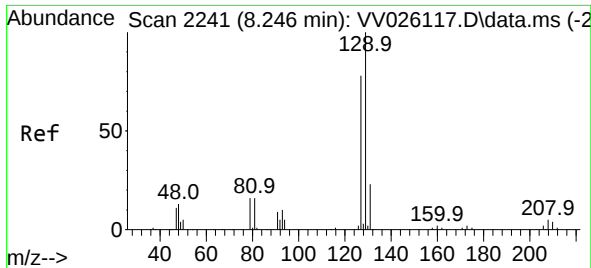
164 100

129 92.9 68.3 126.9

131 87.4 66.5 123.5

166 123.5 88.1 163.7





#49

Dibromochloromethane

Concen: 0.353 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

Instrument :

MSVOA_V

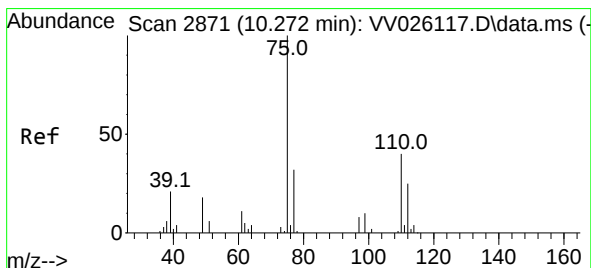
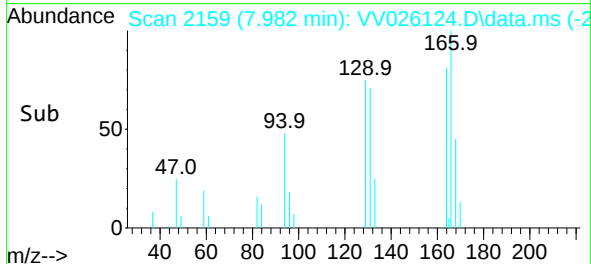
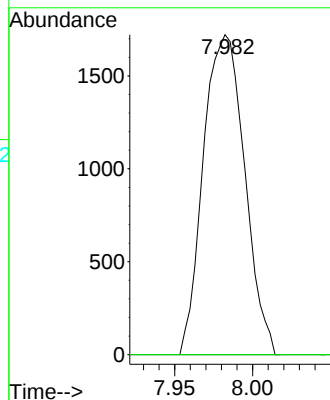
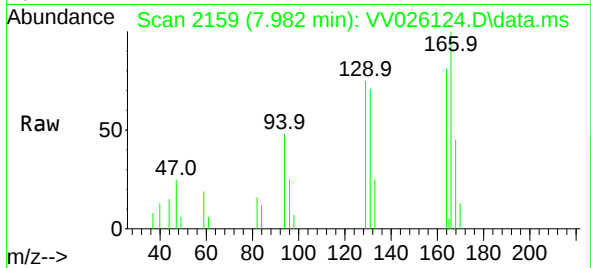
ClientSampleId :

Tgt Ion:129 Resp: 3171

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.486 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026124.D

Acq: 11 Jun 2022 12:57

Tgt Ion: 75 Resp: 7930

Ion Ratio Lower Upper

75 100

77 33.3 26.6 40.0

110 1.2 32.0 48.0#

