

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026214.D
 Acq On : 13 Jun 2022 17:10
 Operator : SY/MD
 Sample : N3272-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

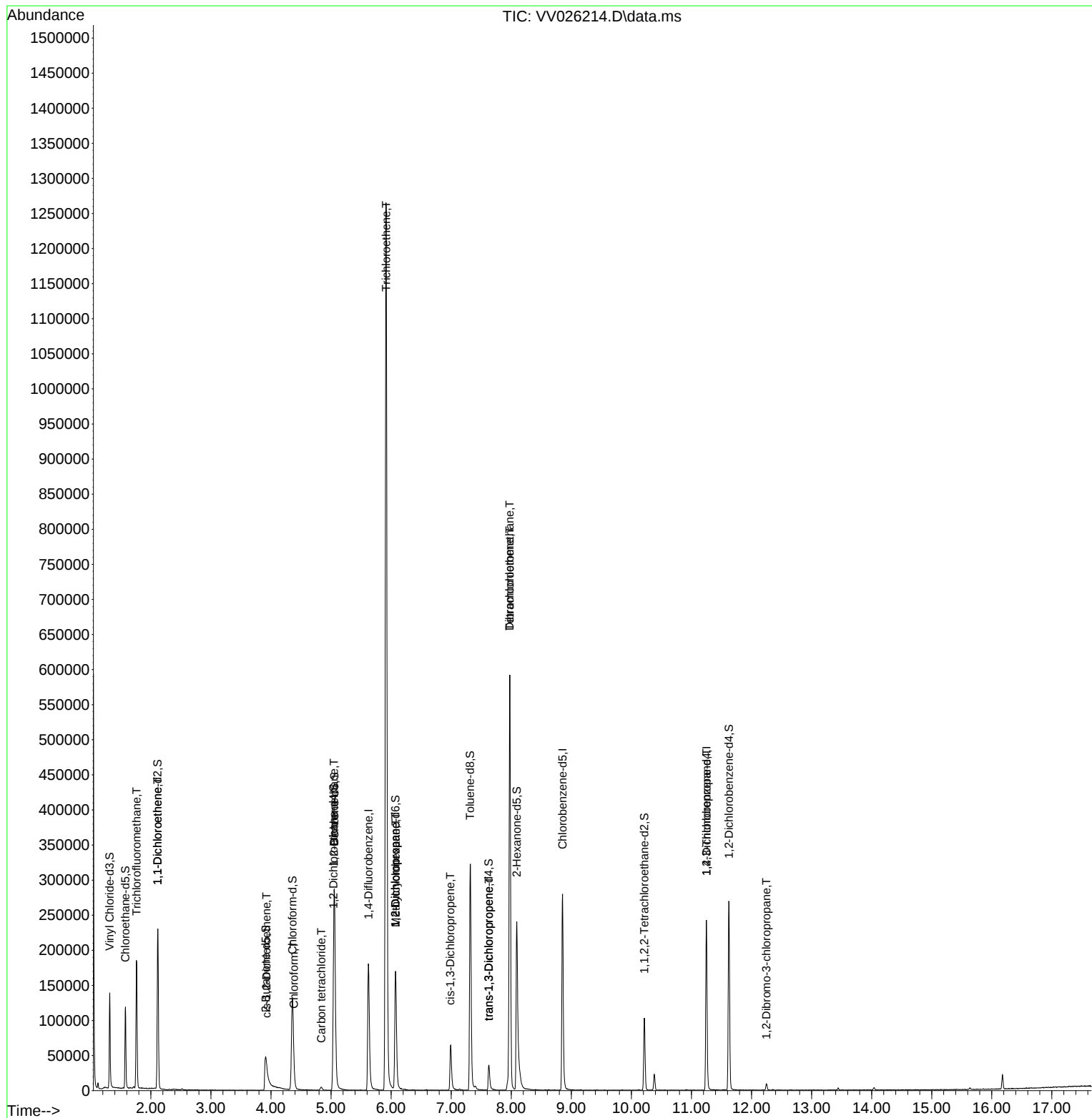
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	162215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	158665	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	92522	4.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.577	69	74996	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.114	63	120986	3.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.912	46	98712	62.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.740%
24) Chloroform-d	4.359	84	142107	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.040	65	59683	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.056	84	273013	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.072	67	86396	4.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	222184	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	23800	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.092	63	89676	53.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52058	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	71897	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.761	101	104950	4.598	ug/L	99
12) 1,1-Dichloroethene	2.114	96	1066	0.086	ug/L #	1
22) cis-1,2-Dichloroethene	3.925	96	607	0.051	ug/L	96
25) Chloroform	4.381	83	3350	0.140	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1323	0.119	ug/L #	73
31) Carbon tetrachloride	4.838	117	3455	0.205	ug/L	94
34) Trichloroethene	5.915	95	447608	34.537	ug/L	99
35) Methylcyclohexane	6.076	83	20853	1.190	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	8762	0.705	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1677	0.121	ug/L #	50
44) trans-1,3-Dichloropropene	7.629	75	924	0.085	ug/L	87
47) Tetrachloroethene	7.976	164	131304	14.108	ug/L	98
49) Dibromochloromethane	7.976	129	122833	14.382	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7259	1.456	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.246	75	264	0.302	ug/L #	31

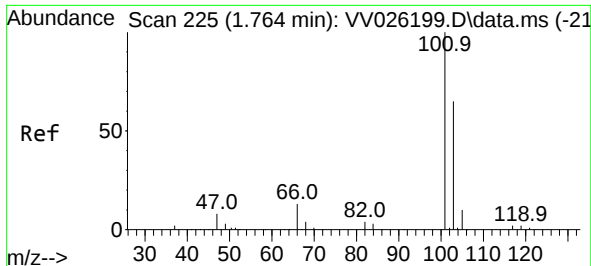
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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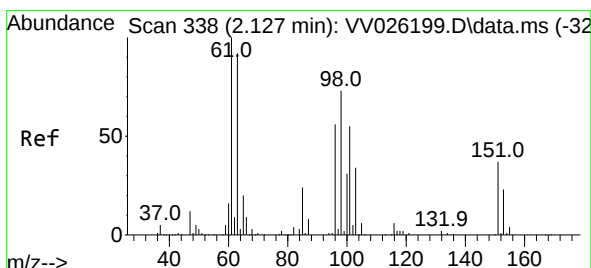
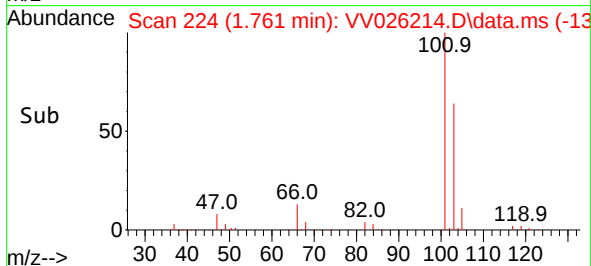
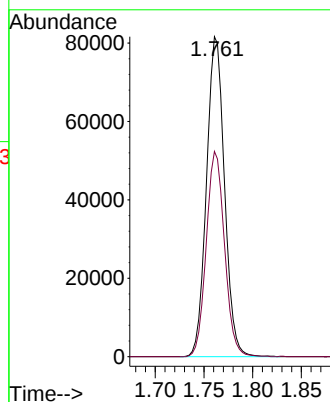
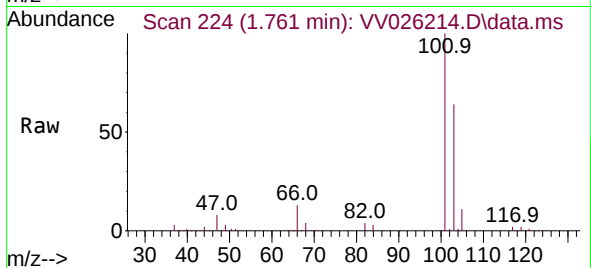




#9
 Trichlorofluoromethane
 Concen: 4.598 ug/L
 RT: 1.761 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV026214.D
 Acq: 13 Jun 2022 17:10

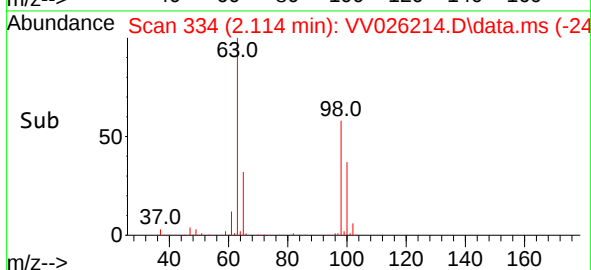
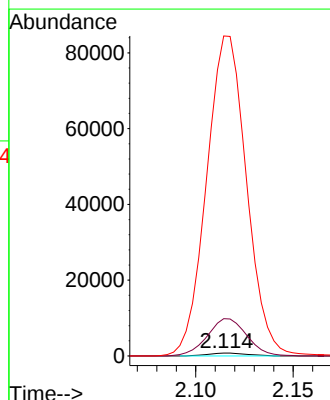
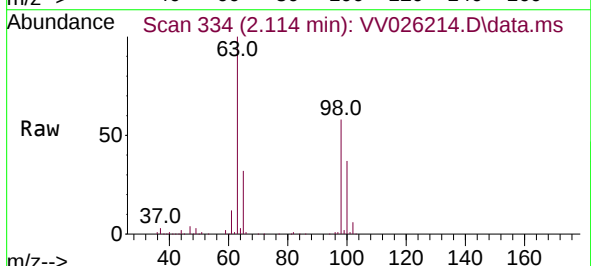
Instrument :
 MSVOA_V
 ClientSampleId :

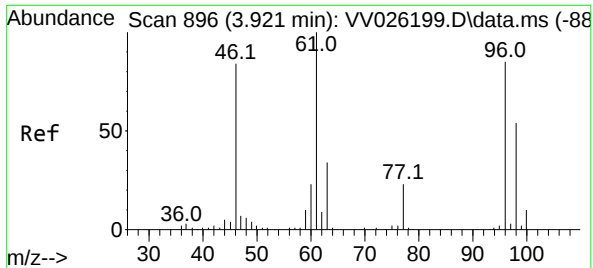
Tgt Ion:101 Resp: 104950
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 0.086 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.013 min
 Lab File: VV026214.D
 Acq: 13 Jun 2022 17:10

Tgt Ion: 96 Resp: 1066
 Ion Ratio Lower Upper
 96 100
 61 1313.3 120.5 223.7#
 63 11260.8 129.3 240.1#





#22

cis-1,2-Dichloroethene

Concen: 0.051 ug/L

RT: 3.925 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

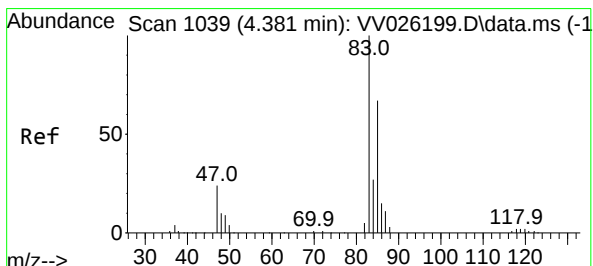
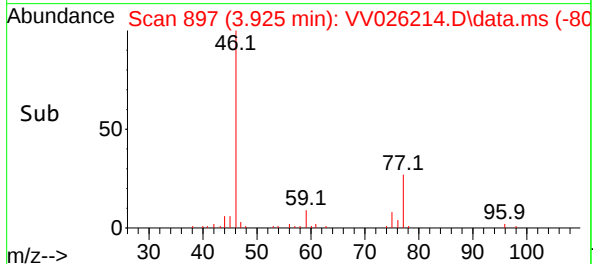
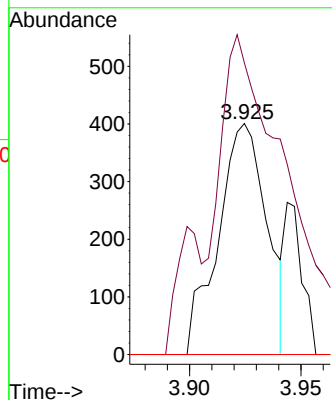
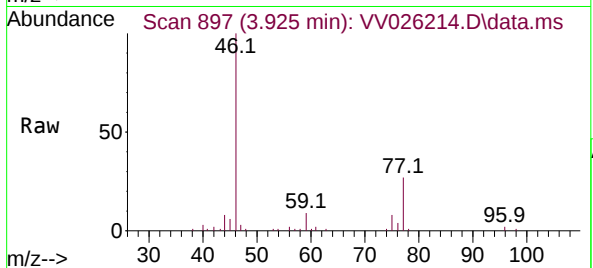
Tgt Ion: 96 Resp: 607

Ion Ratio Lower Upper

96 100

61 126.2 85.2 158.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.140 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV026214.D

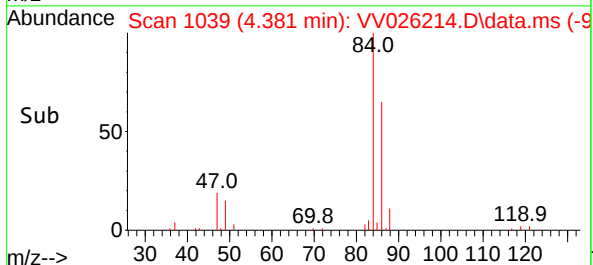
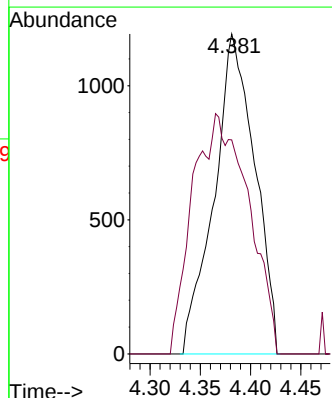
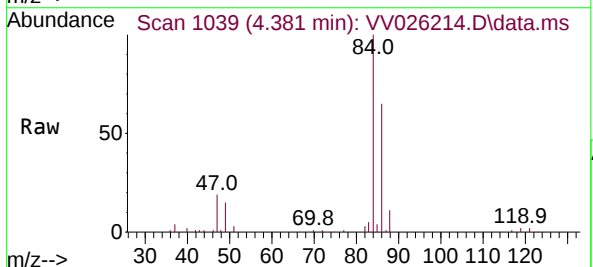
Acq: 13 Jun 2022 17:10

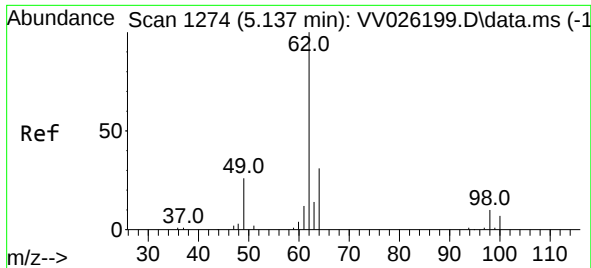
Tgt Ion: 83 Resp: 3350

Ion Ratio Lower Upper

83 100

85 66.9 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

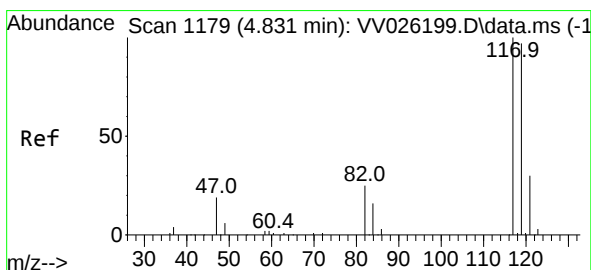
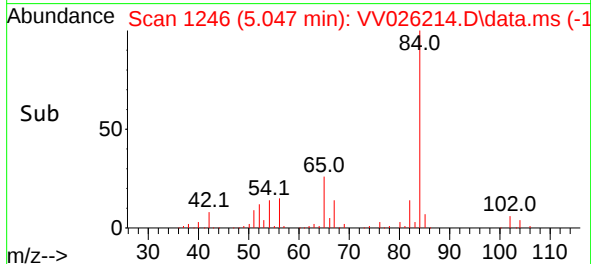
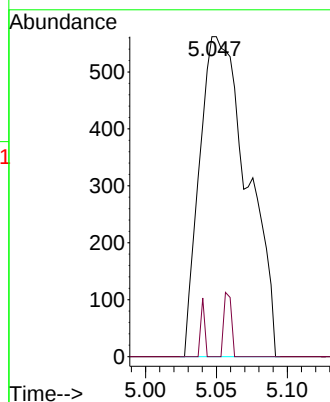
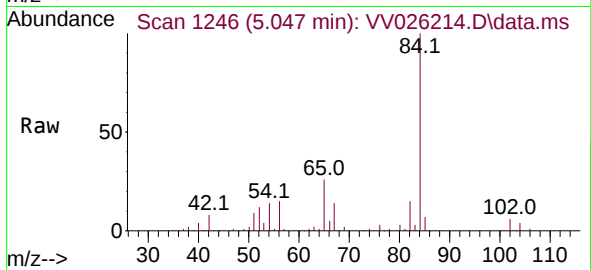
ClientSampleId :

Tgt Ion: 62 Resp: 1323

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#31

Carbon tetrachloride

Concen: 0.205 ug/L

RT: 4.838 min Scan# 1181

Delta R.T. 0.007 min

Lab File: VV026214.D

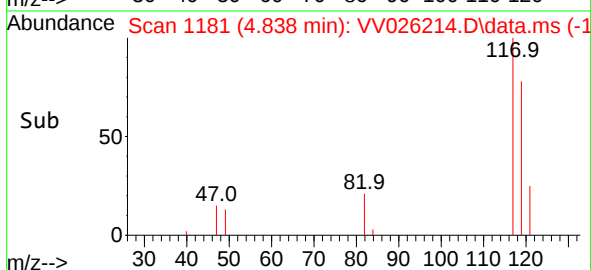
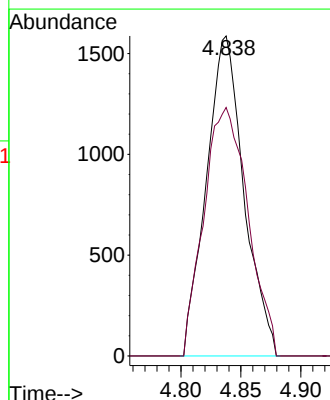
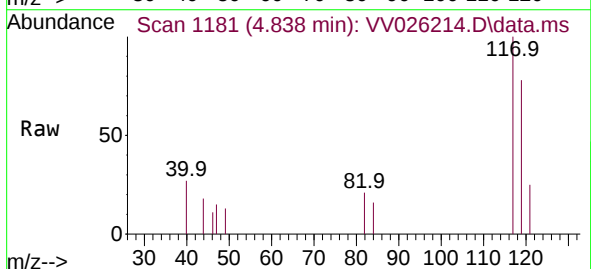
Acq: 13 Jun 2022 17:10

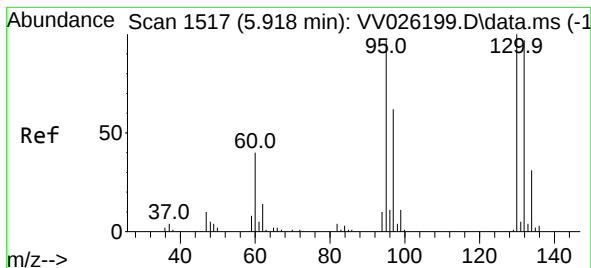
Tgt Ion: 117 Resp: 3455

Ion Ratio Lower Upper

117 100

119 91.4 77.8 116.8





#34

Trichloroethene

Concen: 34.537 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 447608

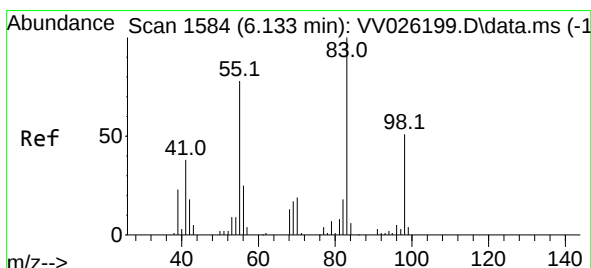
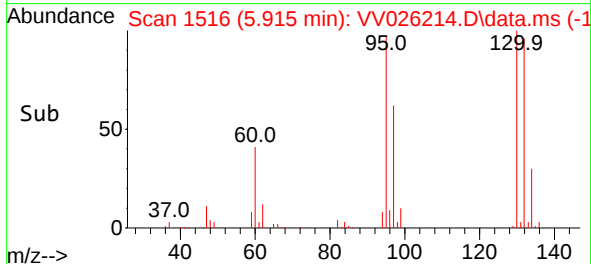
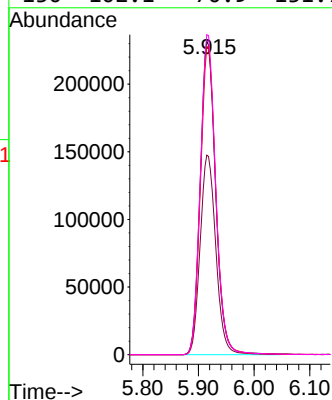
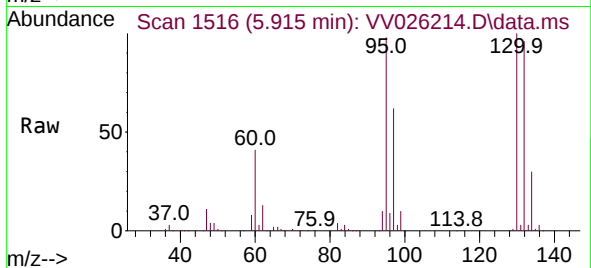
Ion Ratio Lower Upper

95 100

97 63.7 43.3 80.3

132 98.0 67.5 125.4

130 102.1 70.9 131.7



#35

Methylcyclohexane

Concen: 1.190 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

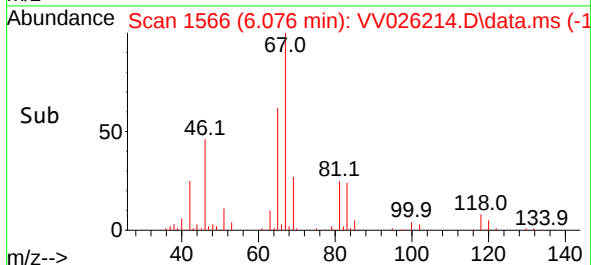
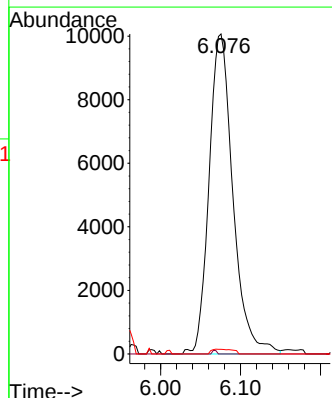
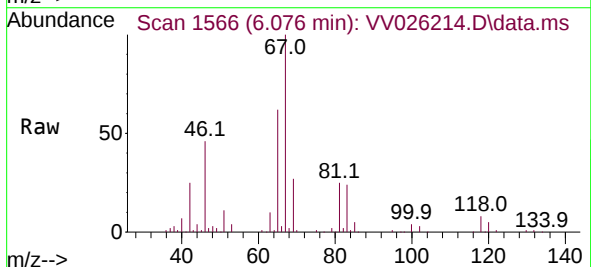
Tgt Ion: 83 Resp: 20853

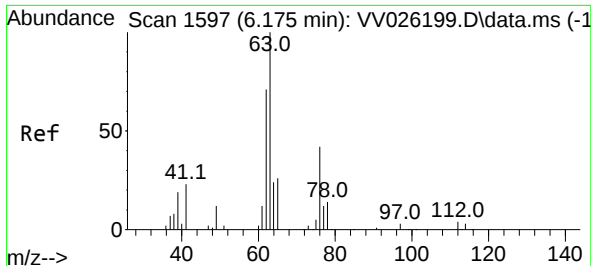
Ion Ratio Lower Upper

83 100

55 0.2 59.5 89.3#

98 2.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

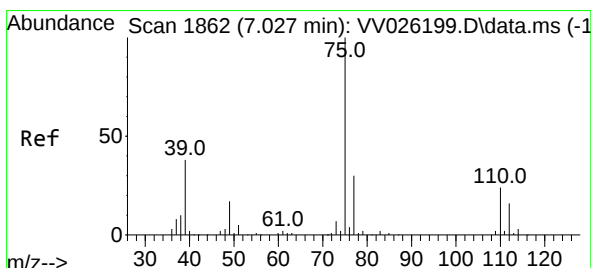
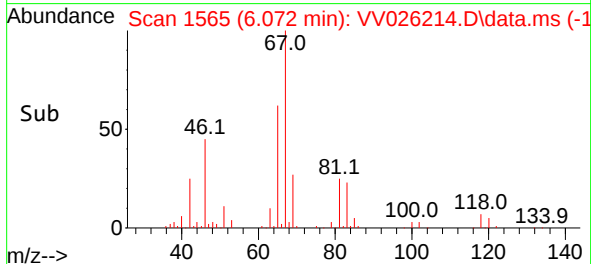
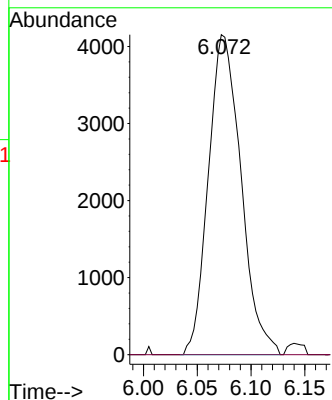
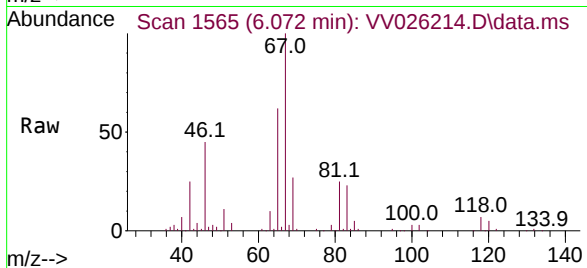
ClientSampleId :

Tgt Ion: 63 Resp: 8762

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV026214.D

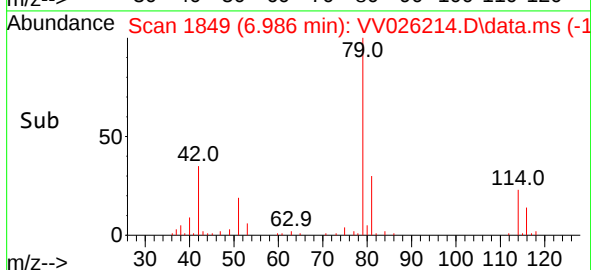
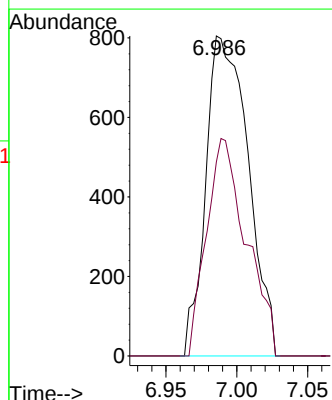
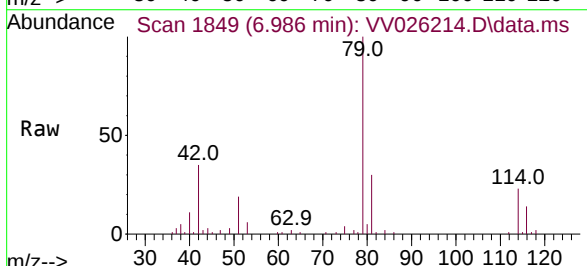
Acq: 13 Jun 2022 17:10

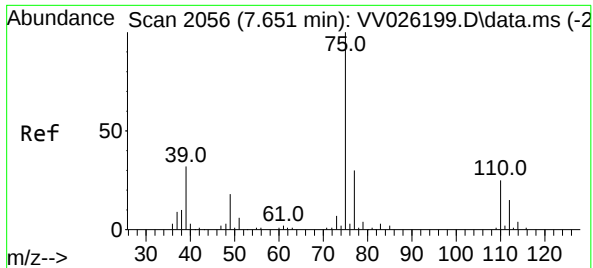
Tgt Ion: 75 Resp: 1677

Ion Ratio Lower Upper

75 100

77 60.6 22.9 42.5#

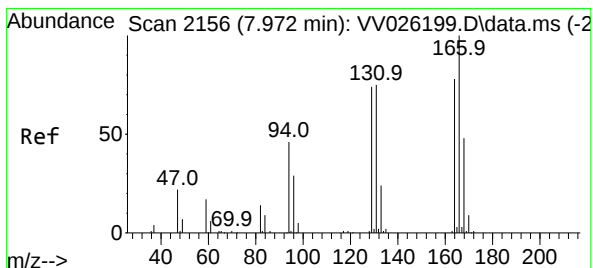
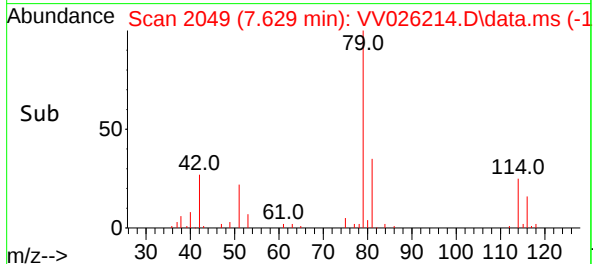
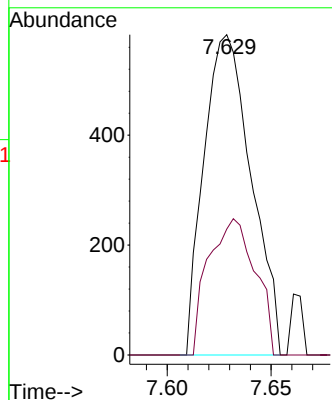
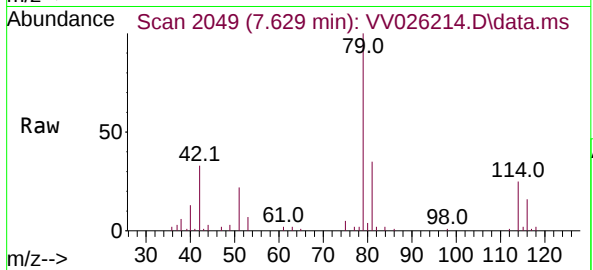




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.629 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VV026214.D
Acq: 13 Jun 2022 17:10

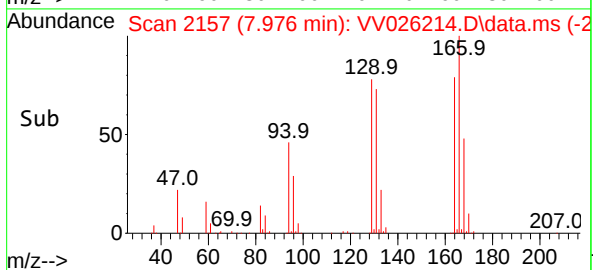
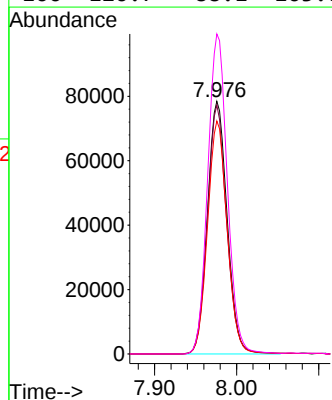
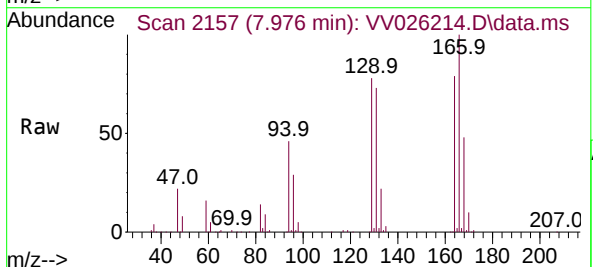
Instrument :
MSVOA_V
ClientSampleId :

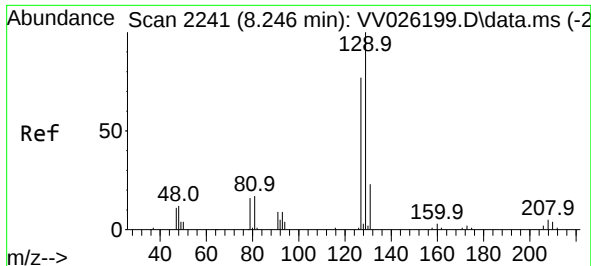
Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 39.3 22.3 41.3



#47
Tetrachloroethene
Concen: 14.108 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026214.D
Acq: 13 Jun 2022 17:10

Tgt Ion:164 Resp: 131304
Ion Ratio Lower Upper
164 100
129 98.5 66.1 122.7
131 92.2 65.0 120.6
166 126.7 88.1 163.7





#49

Dibromochloromethane

Concen: 14.382 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

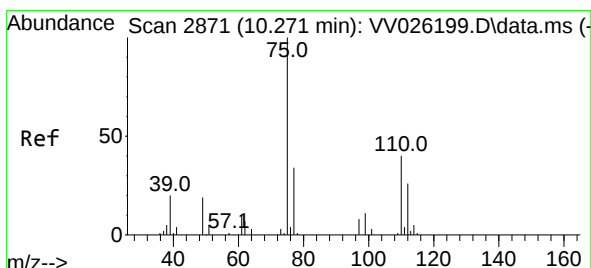
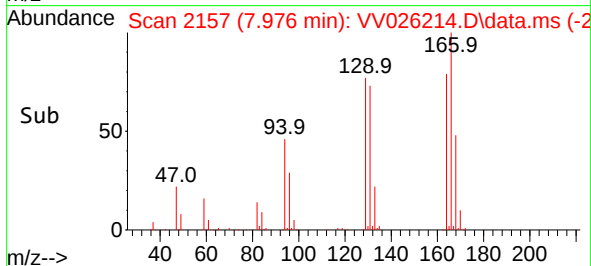
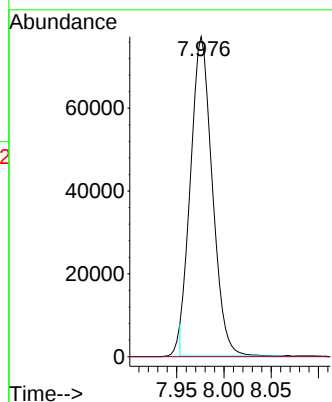
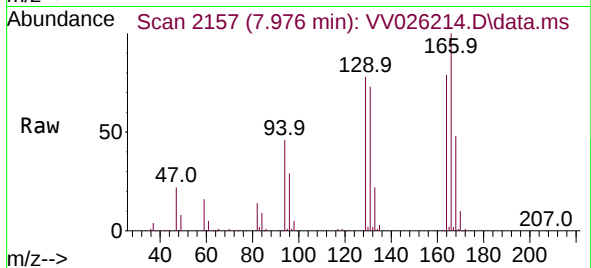
ClientSampleId :

Tgt Ion:129 Resp: 122833

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.456 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

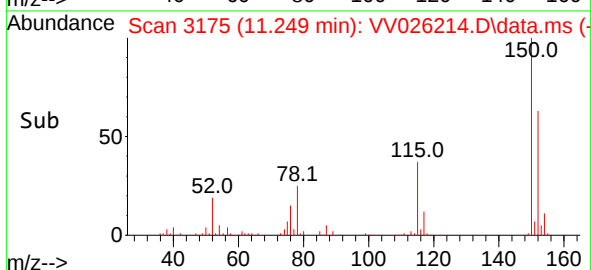
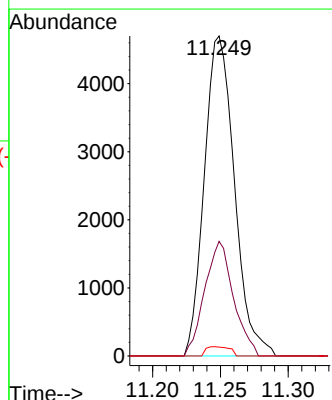
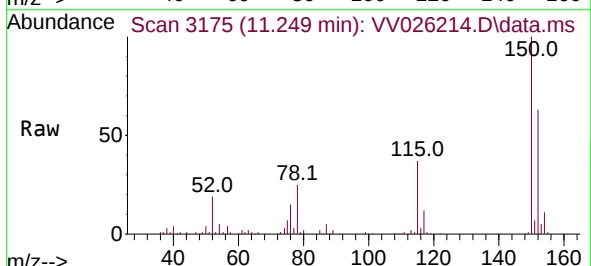
Tgt Ion: 75 Resp: 7259

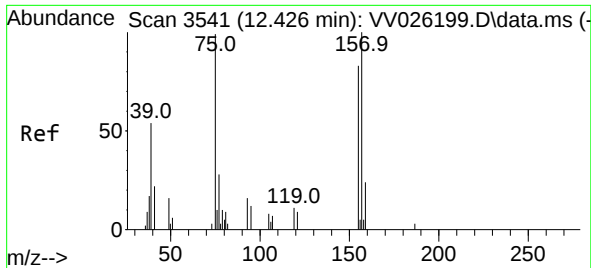
Ion Ratio Lower Upper

75 100

77 34.2 27.8 41.8

110 2.3 33.0 49.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.302 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

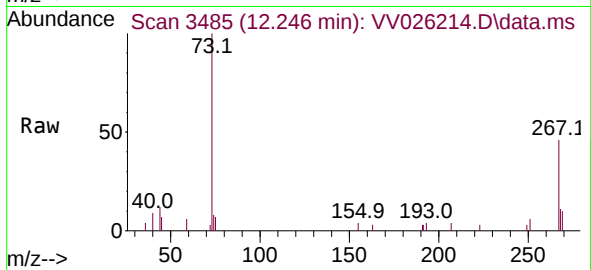
Lab File: VV026214.D

Acq: 13 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 264

Ion Ratio Lower Upper

75 100

155 53.4 67.0 100.6#

157 0.0 77.7 116.5#

