

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026176.D
 Acq On : 12 Jun 2022 21:31
 Operator : SY/MD
 Sample : VV0612WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

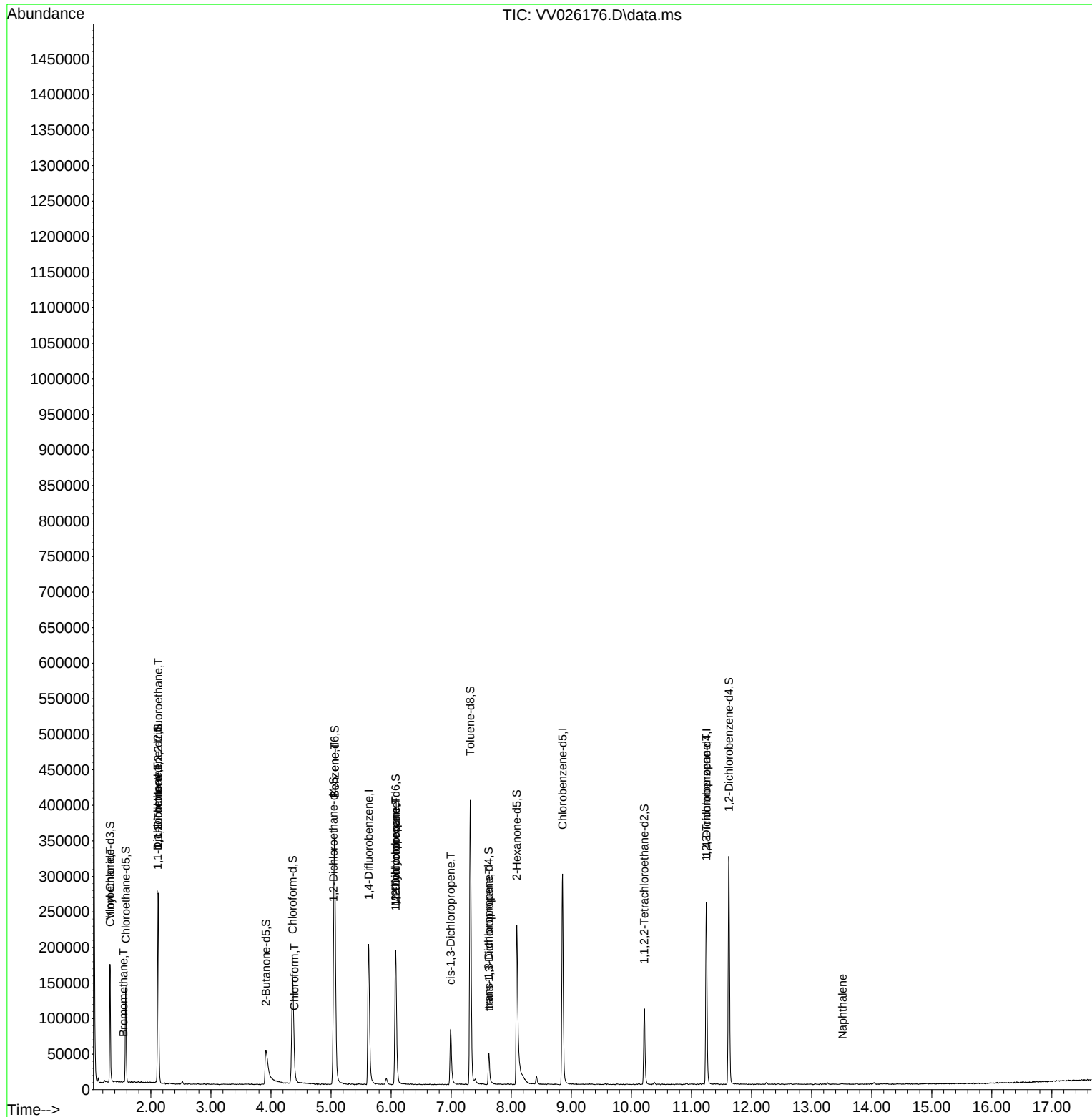
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	178732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	166863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	108536	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.584	69	88005	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.121	63	141516	3.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.915	46	90849	52.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.362	84	156678	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.040	65	67670	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.059	84	329624	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.076	67	98588	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.320	98	271257	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	27977	4.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.092	63	83767	47.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54668	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	83719	5.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.542	94	633	0.058	ug/L #	53
8) Chloroethane	1.323	64	1510	0.130	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	1293	0.090	ug/L #	21
12) 1,1-Dichloroethene	2.117	96	1449	0.106	ug/L #	1
25) Chloroform	4.391	83	3109	0.118	ug/L	95
33) Benzene	5.059	78	2585	0.051	ug/L	100
35) Methylcyclohexane	6.076	83	22692	1.231	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	9747	0.746	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	2088	0.143	ug/L #	68
44) trans-1,3-Dichloropropene	7.632	75	1315	0.115	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	8598	1.626	ug/L #	65
71) Naphthalene	13.519	128	1070	0.070	ug/L #	69

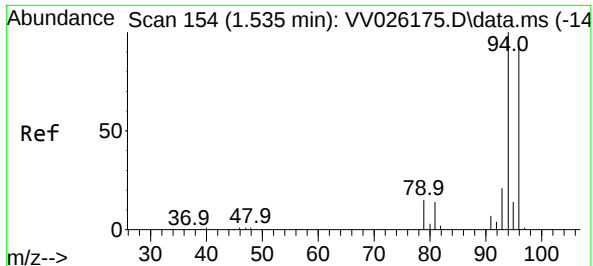
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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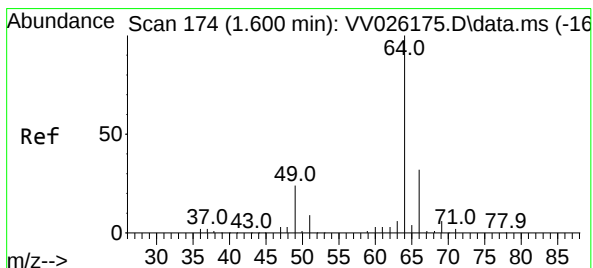
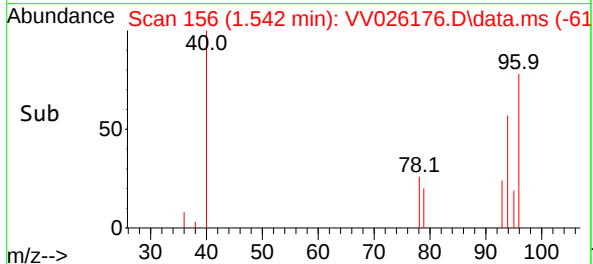
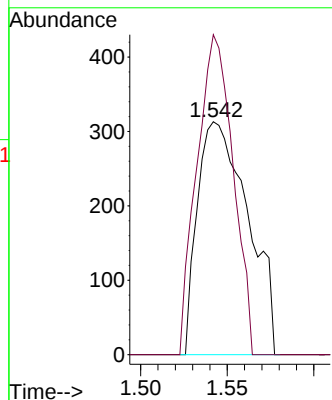
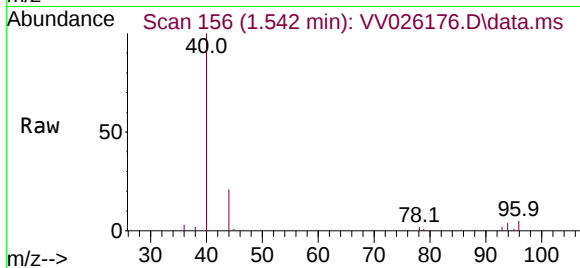




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

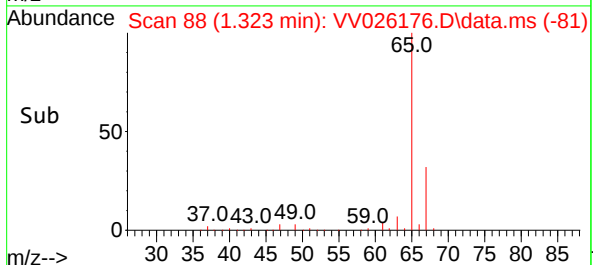
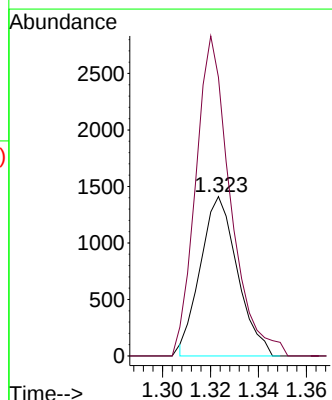
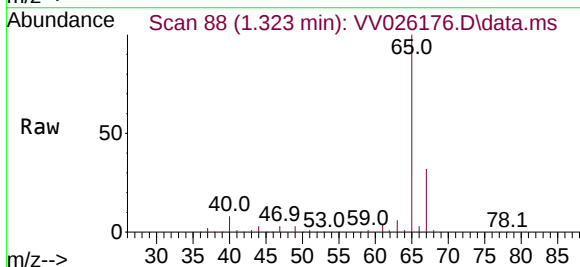
Instrument :
MSVOA_V
ClientSampleId :

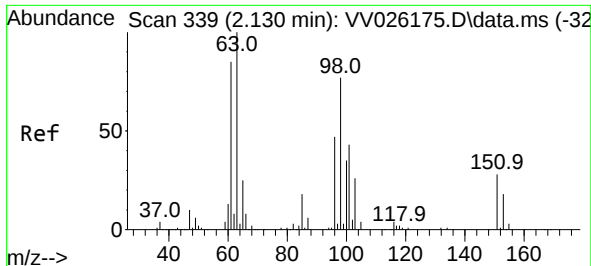
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 137.4 64.5 119.7#



#8
Chloroethane
Concen: 0.130 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.276 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

Tgt Ion: 64 Resp: 1510
Ion Ratio Lower Upper
64 100
66 174.8 22.4 41.6#

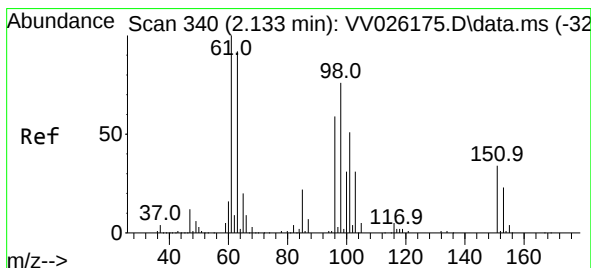
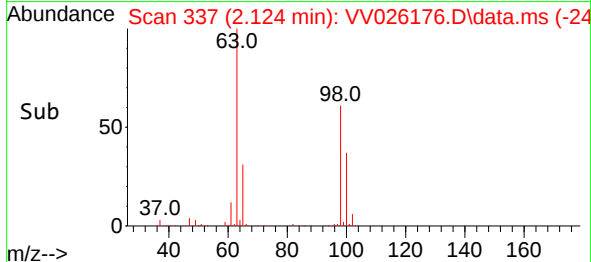
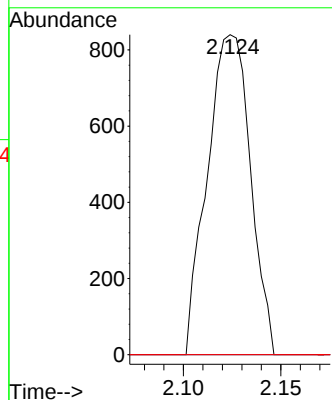
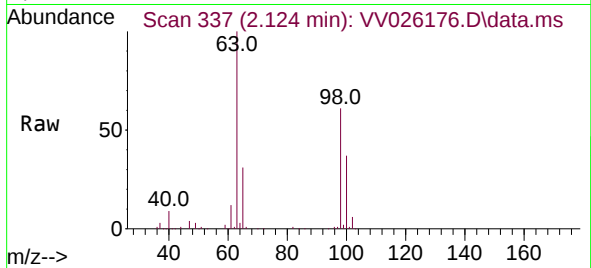




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

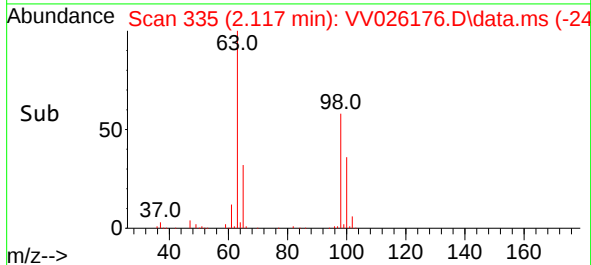
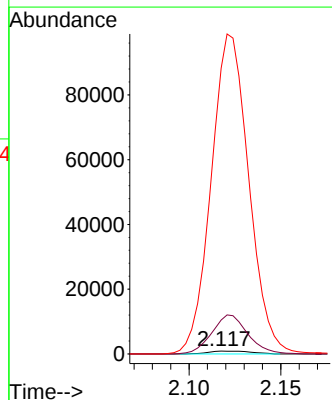
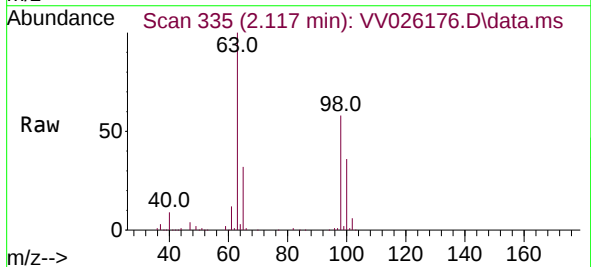
Instrument :
MSVOA_V
ClientSampleId :

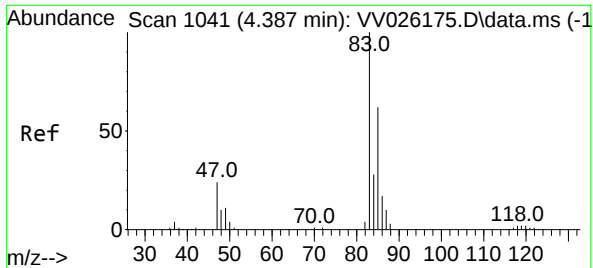
Tgt Ion:101 Resp: 1293
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.5 84.7#



#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.016 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

Tgt Ion: 96 Resp: 1449
Ion Ratio Lower Upper
96 100
61 1156.1 120.5 223.7#
63 9718.1 129.3 240.1#

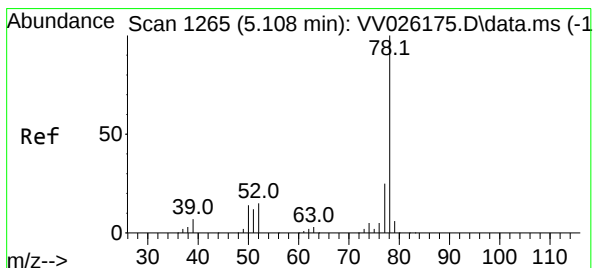
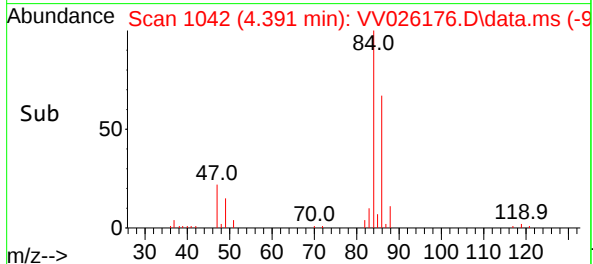
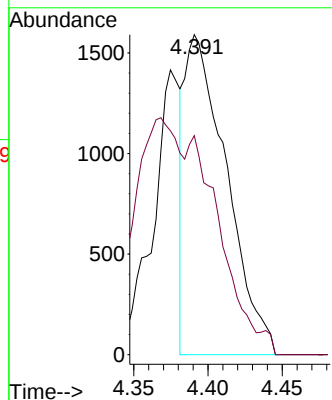
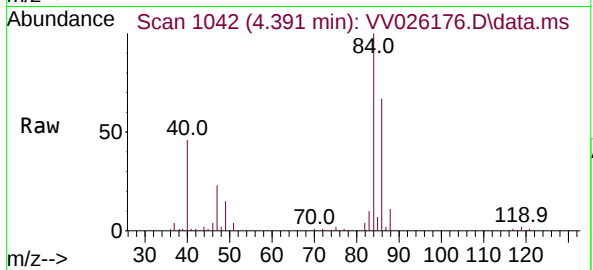




#25
Chloroform
Concen: 0.118 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.003 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

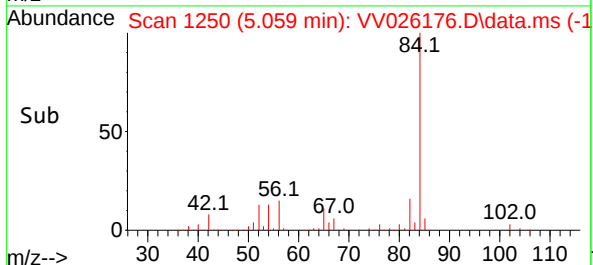
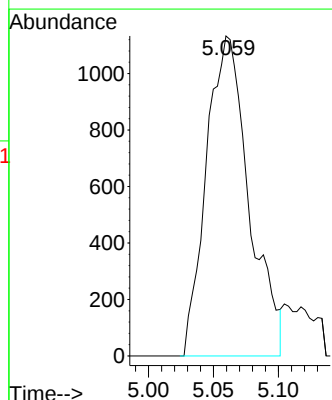
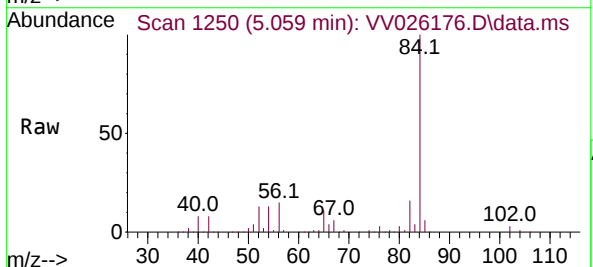
Instrument :
MSVOA_V
ClientSampleId :

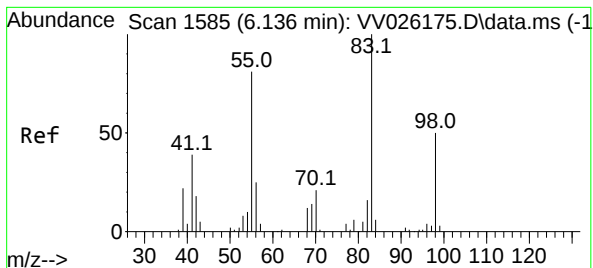
Tgt Ion: 83 Resp: 3109
Ion Ratio Lower Upper
83 100
85 68.4 45.3 84.1



#33
Benzene
Concen: 0.051 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.048 min
Lab File: VV026176.D
Acq: 12 Jun 2022 21:31

Tgt Ion: 78 Resp: 2585





#35

Methylcyclohexane

Concen: 1.231 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026176.D

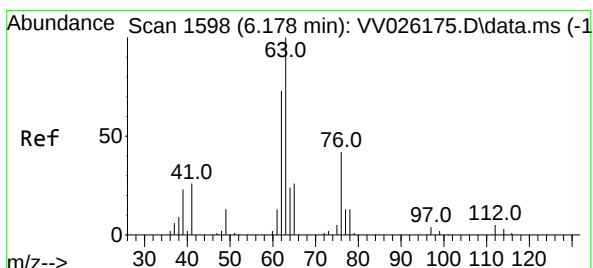
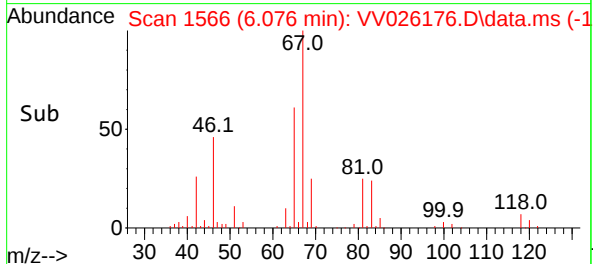
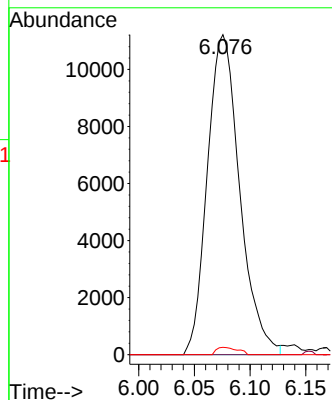
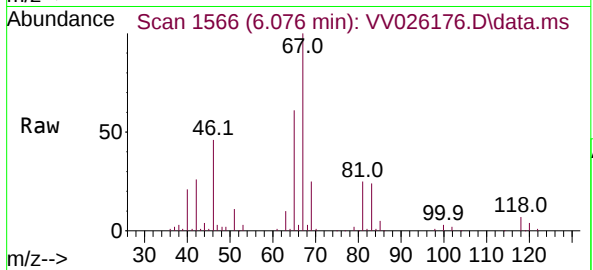
Acq: 12 Jun 2022 21:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	22692
Ion Ratio	Lower	Upper	
83	100		
55	0.3	59.5	89.3#
98	1.5	38.4	57.6#



#37

1,2-Dichloropropane

Concen: 0.746 ug/L

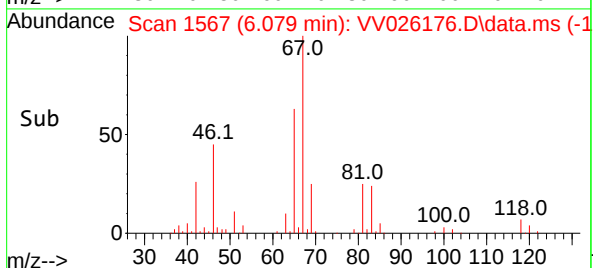
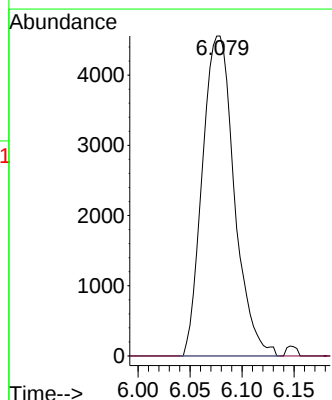
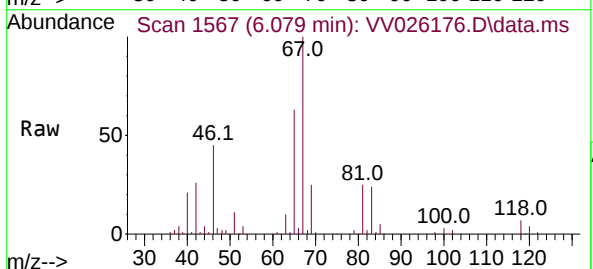
RT: 6.079 min Scan# 1567

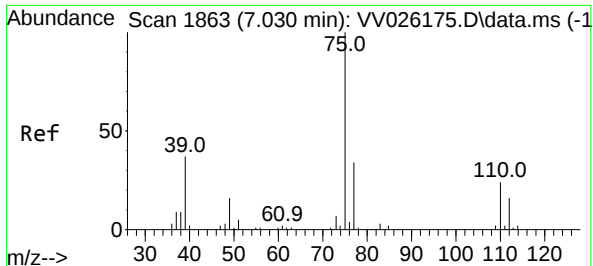
Delta R.T. -0.100 min

Lab File: VV026176.D

Acq: 12 Jun 2022 21:31

Tgt Ion:	63	Resp:	9747
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.9	5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.143 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026176.D

Acq: 12 Jun 2022 21:31

Instrument :

MSVOA_V

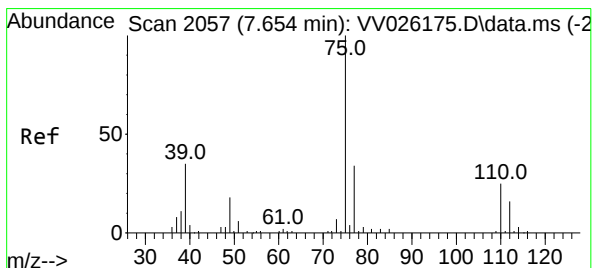
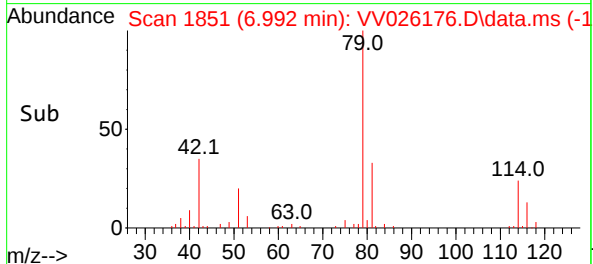
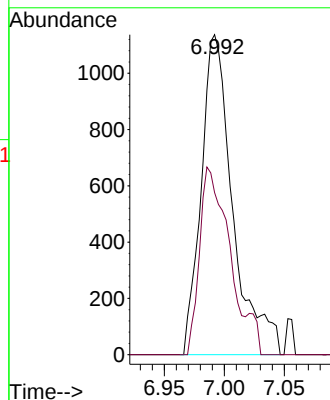
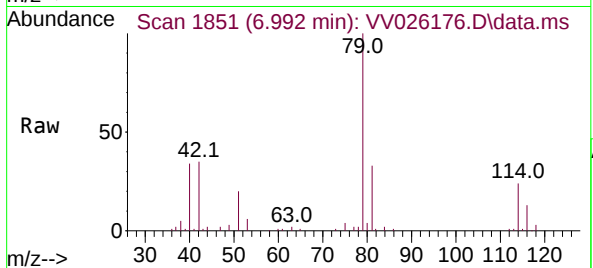
ClientSampleId :

Tgt Ion: 75 Resp: 2088

Ion Ratio Lower Upper

75 100

77 50.7 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.022 min

Lab File: VV026176.D

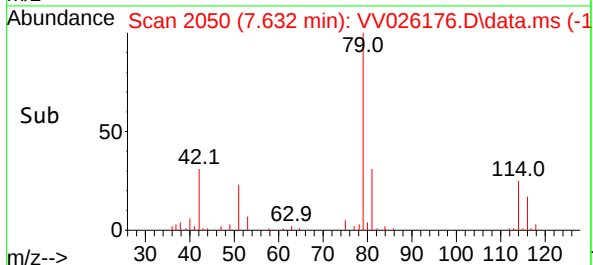
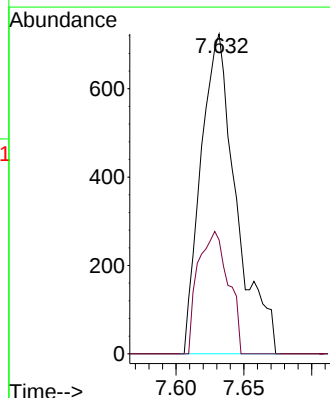
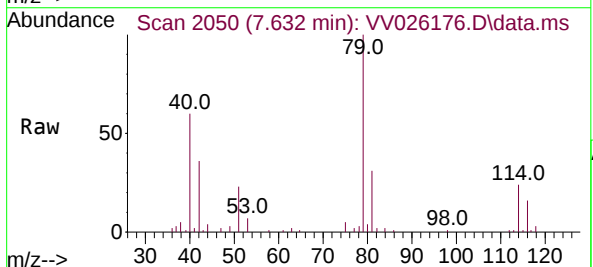
Acq: 12 Jun 2022 21:31

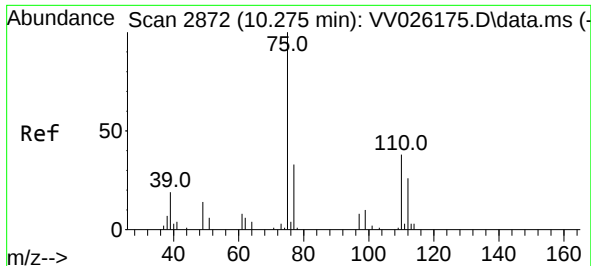
Tgt Ion: 75 Resp: 1315

Ion Ratio Lower Upper

75 100

77 35.6 22.3 41.3





#61

1,2,3-Trichloropropane

Concen: 1.626 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV026176.D

Acq: 12 Jun 2022 21:31

Instrument :

MSVOA_V

ClientSampleId :

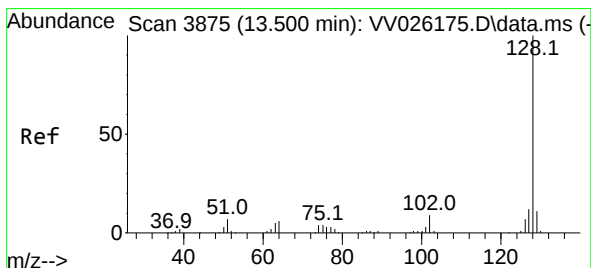
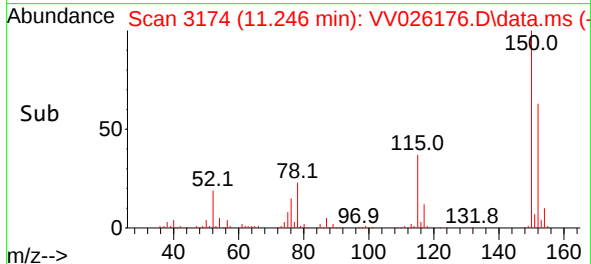
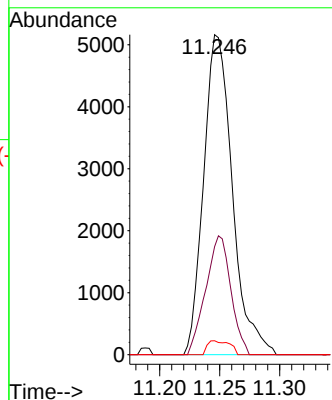
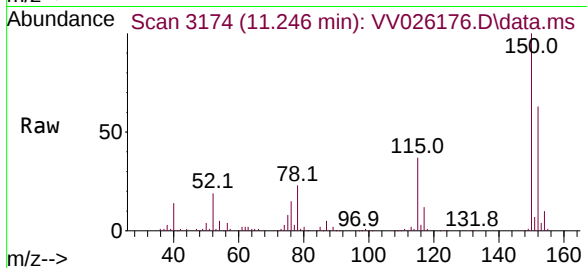
Tgt Ion: 75 Resp: 8598

Ion Ratio Lower Upper

75 100

77 32.4 27.8 41.8

110 3.3 33.0 49.4#



#71

Naphthalene

Concen: 0.070 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.019 min

Lab File: VV026176.D

Acq: 12 Jun 2022 21:31

Tgt Ion:128 Resp: 1070

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 0.0 10.5 15.7#

