

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
 Data File : VV024297.D
 Acq On : 06 Jan 2022 15:50
 Operator : SY/MD
 Sample : N1053-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 07 01:39:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

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

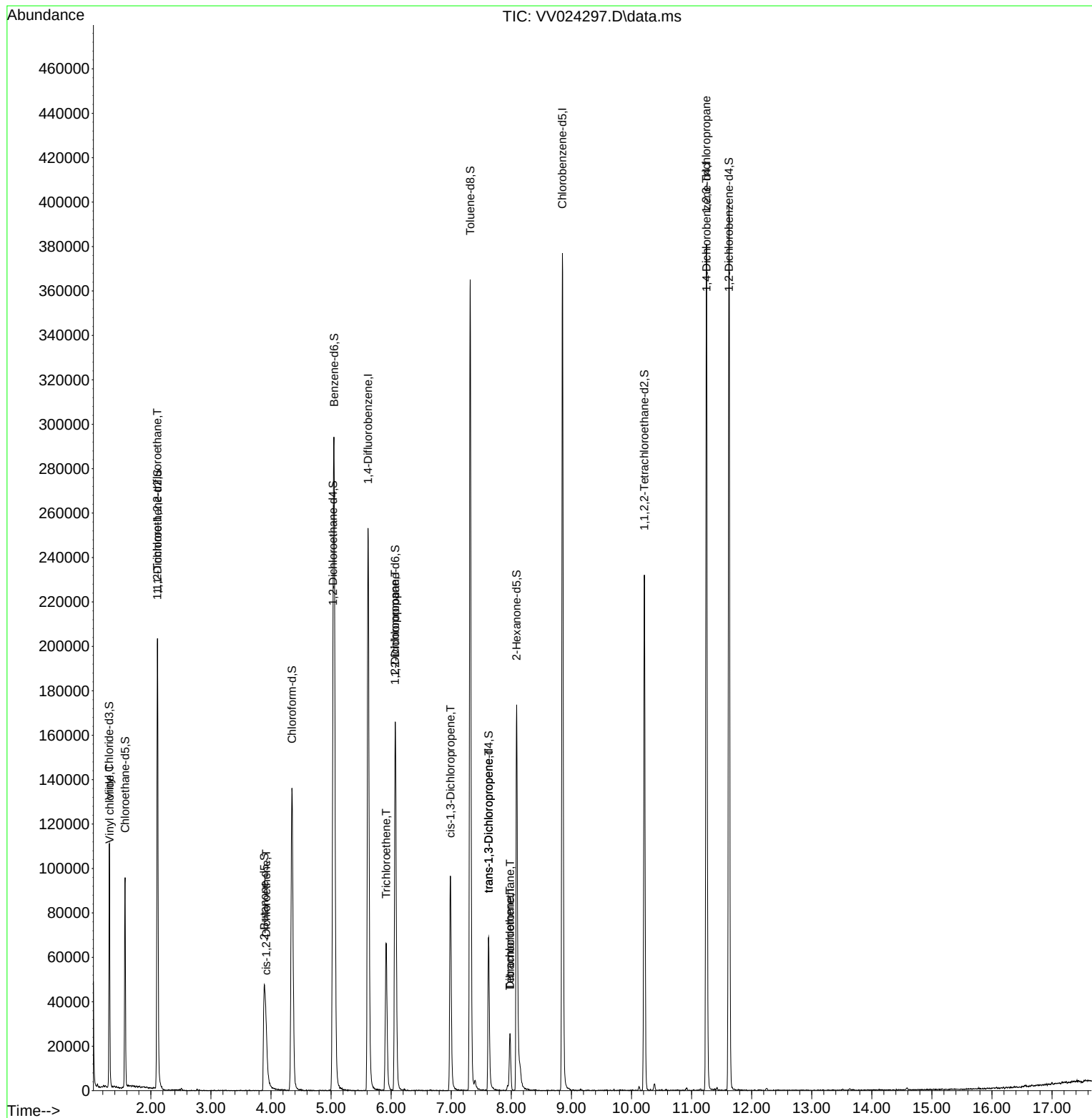
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	223656	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	210528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	103956	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65775	40.864	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.720%		
7) Chloroethane-d5	1.571	69	53093	43.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.840%		
11) 1,1-Dichloroethene-d2	2.111	63	101134	33.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.240%		
21) 2-Butanone-d5	3.889	46	79697	88.869	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.870%		
24) Chloroform-d	4.349	84	133042	45.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
26) 1,2-Dichloroethane-d4	5.030	65	91953	46.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.380%		
32) Benzene-d6	5.050	84	256814	46.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.500%		
36) 1,2-Dichloropropane-d6	6.069	67	73514	47.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.500%		
41) Toluene-d8	7.317	98	243054	45.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.380%		
43) trans-1,3-Dichloroprop...	7.622	79	39885	44.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.980%		
47) 2-Hexanone-d5	8.088	63	57483	85.933	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.930%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	98441	44.739	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.480%		
66) 1,2-Dichlorobenzene-d4	11.622	152	103183	49.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	4366	2.722	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1018	0.722	ug/L #	16
20) cis-1,2-Dichloroethene	3.918	96	6848	4.568	ug/L	94
34) Trichloroethene	5.915	95	21452	14.532	ug/L	97
37) 1,2-Dichloropropane	6.066	63	9081	7.212	ug/L #	82
39) cis-1,3-Dichloropropene	6.989	75	2922	1.381	ug/L	87
44) trans-1,3-Dichloropropene	7.622	75	2078	0.968	ug/L	89
46) Tetrachloroethene	7.976	164	6391	4.757	ug/L	92
49) Dibromochloromethane	7.979	129	5162	2.917	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9648	6.320	ug/L #	58

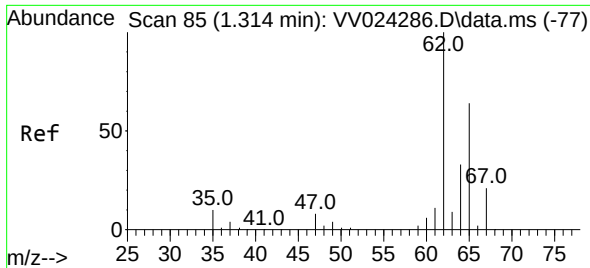
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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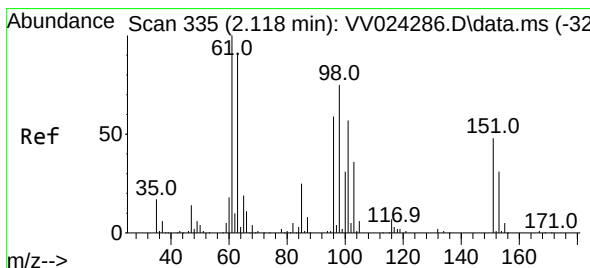
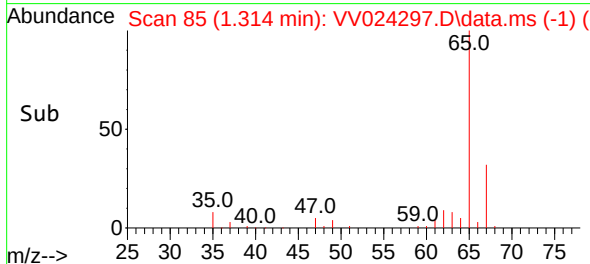
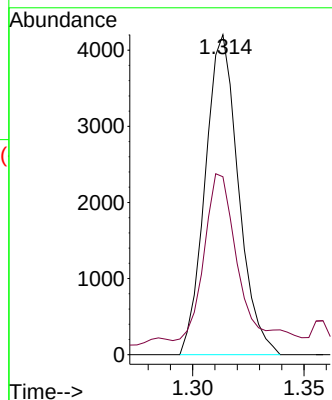
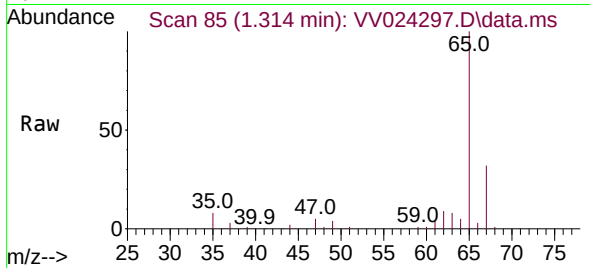




#5
 Vinyl chloride
 Concen: 2.722 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024297.D
 Acq: 06 Jan 2022 15:50

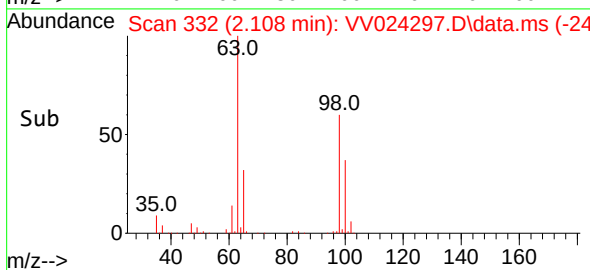
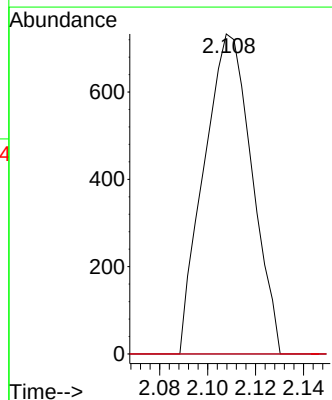
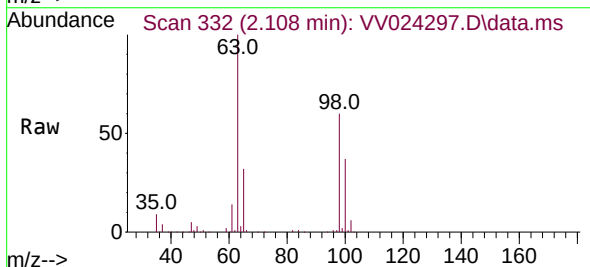
Instrument :
 MSVOA_V
 ClientSampleId :

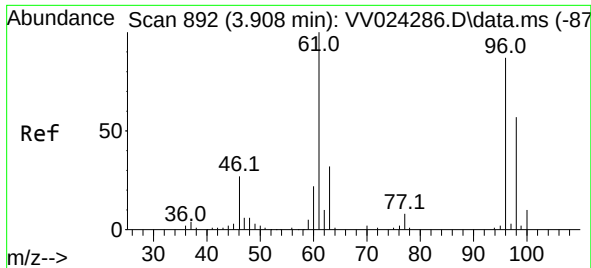
Tgt Ion: 62 Resp: 4366
 Ion Ratio Lower Upper
 62 100
 64 55.6 25.0 46.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.722 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV024297.D
 Acq: 06 Jan 2022 15:50

Tgt Ion: 101 Resp: 1018
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 67.1 100.7#

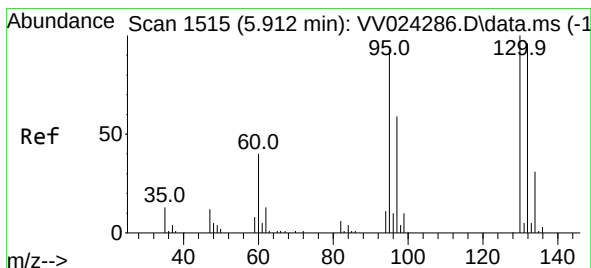
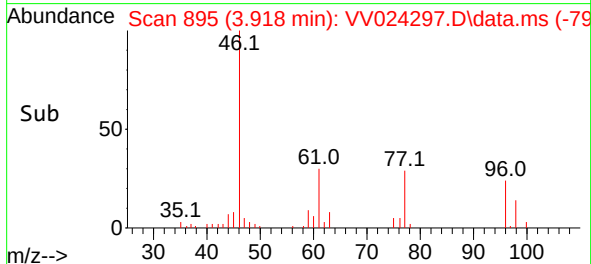
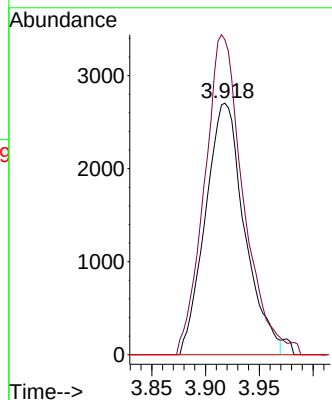
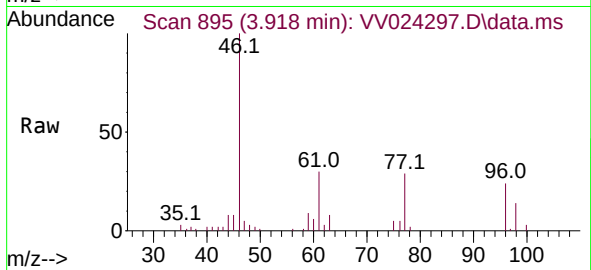




#20
 cis-1,2-Dichloroethene
 Concen: 4.568 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV024297.D
 Acq: 06 Jan 2022 15:50

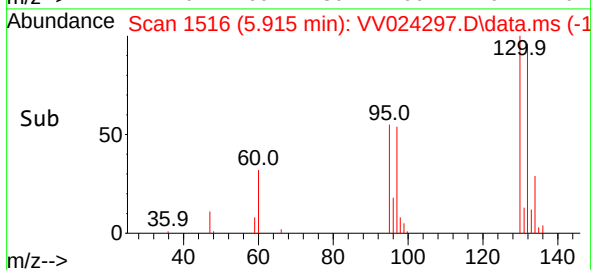
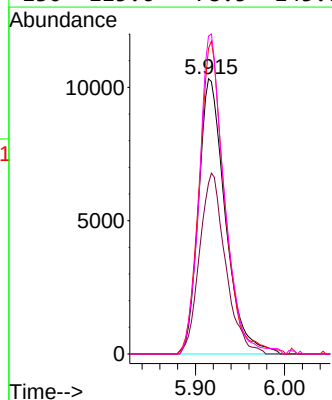
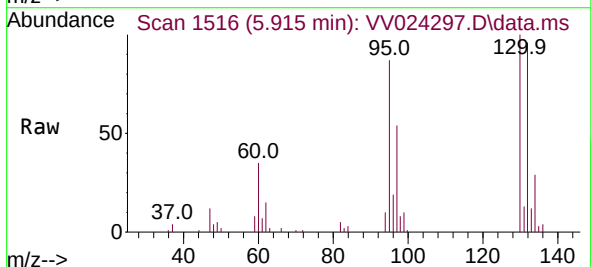
Instrument :
 MSVOA_V
 ClientSampleId :

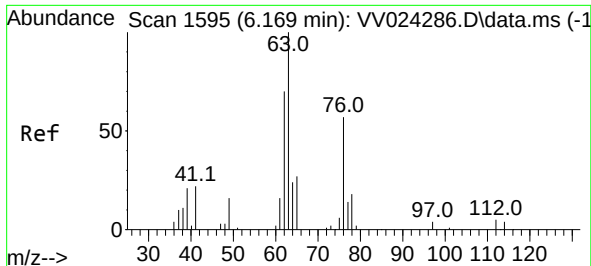
Tgt Ion: 96 Resp: 6848
 Ion Ratio Lower Upper
 96 100
 61 125.3 82.9 153.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 14.532 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV024297.D
 Acq: 06 Jan 2022 15:50

Tgt Ion: 95 Resp: 21452
 Ion Ratio Lower Upper
 95 100
 97 62.0 44.1 81.9
 132 111.0 75.1 139.5
 130 115.6 78.5 145.7





#37

1,2-Dichloropropane

Concen: 7.212 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024297.D

Acq: 06 Jan 2022 15:50

Instrument :

MSVOA_V

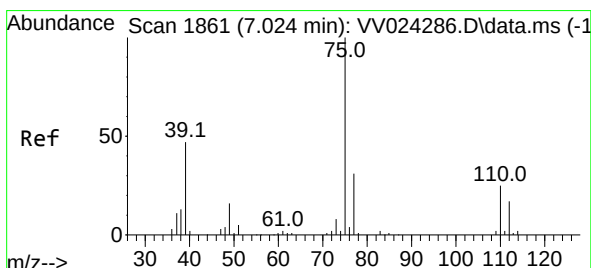
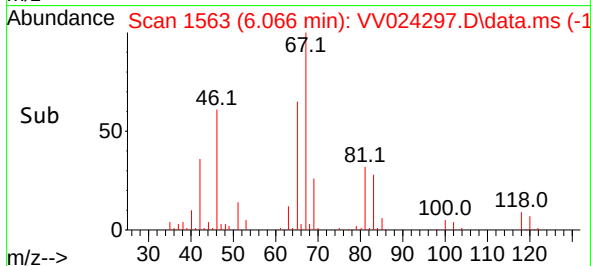
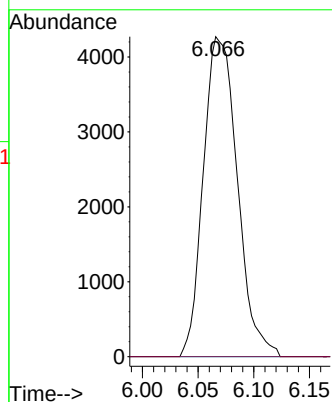
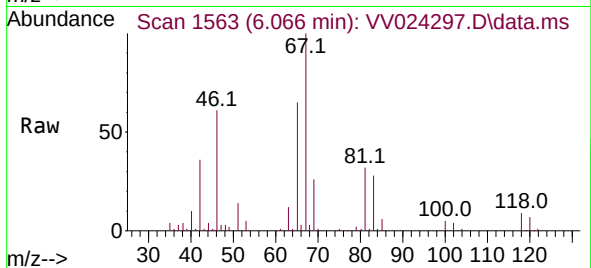
ClientSampleId :

Tgt Ion: 63 Resp: 9081

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#39

cis-1,3-Dichloropropene

Concen: 1.381 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024297.D

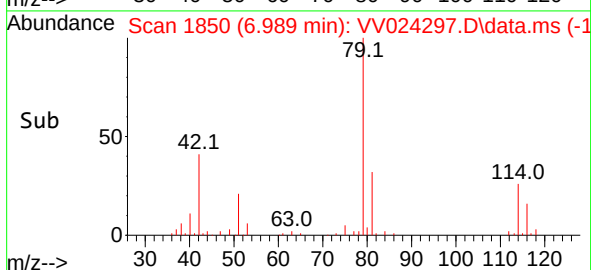
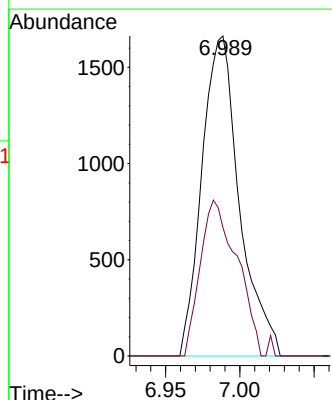
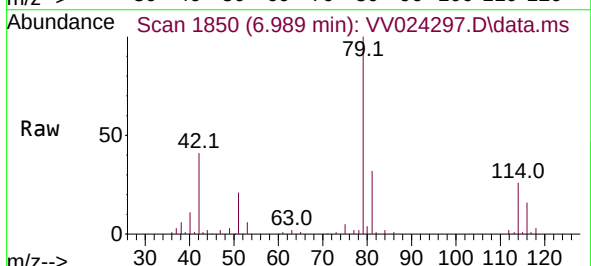
Acq: 06 Jan 2022 15:50

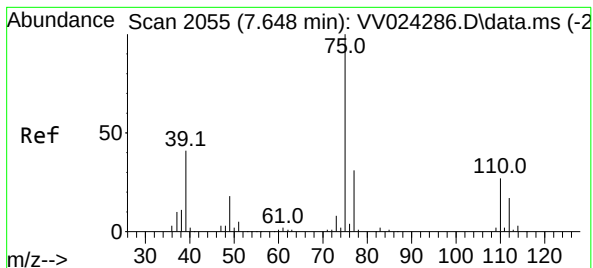
Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 40.2 23.0 42.8





#44

trans-1,3-Dichloropropene

Concen: 0.968 ug/L

RT: 7.622 min Scan# 2055

Delta R.T. -0.026 min

Lab File: VV024297.D

Acq: 06 Jan 2022 15:50

Instrument :

MSVOA_V

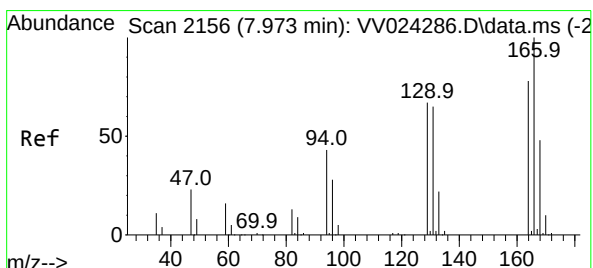
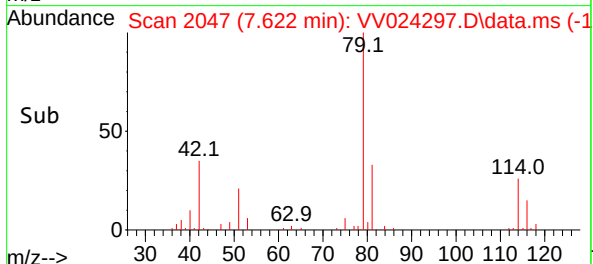
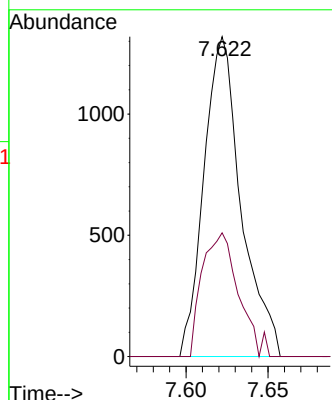
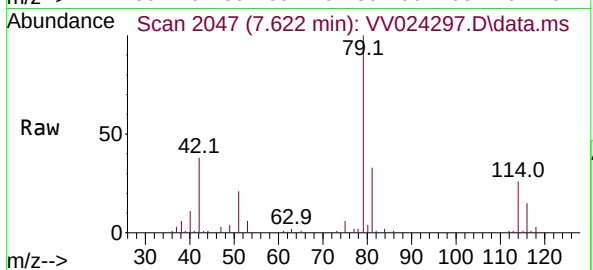
ClientSampleId :

Tgt Ion: 75 Resp: 2078

Ion Ratio Lower Upper

75 100

77 38.7 22.7 42.1



#46

Tetrachloroethene

Concen: 4.757 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024297.D

Acq: 06 Jan 2022 15:50

Tgt Ion: 164 Resp: 6391

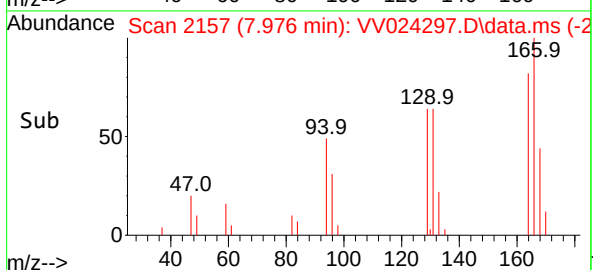
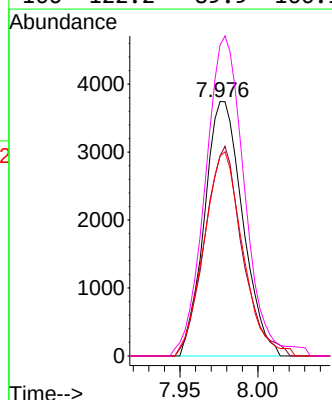
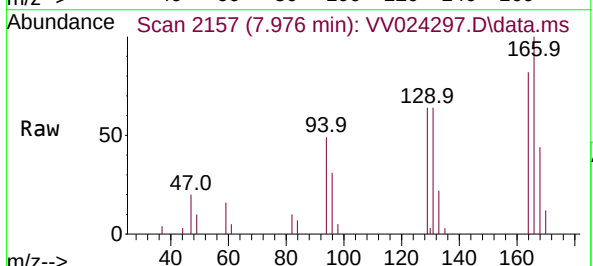
Ion Ratio Lower Upper

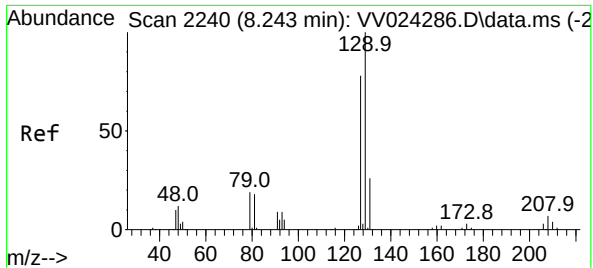
164 100

129 78.6 61.5 114.1

131 78.6 62.2 115.4

166 122.2 89.9 166.9





#49

Dibromochloromethane

Concen: 2.917 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024297.D

Acq: 06 Jan 2022 15:50

Instrument :

MSVOA_V

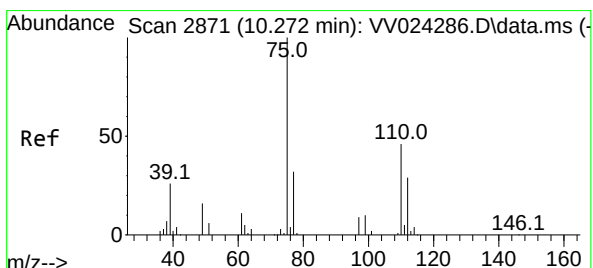
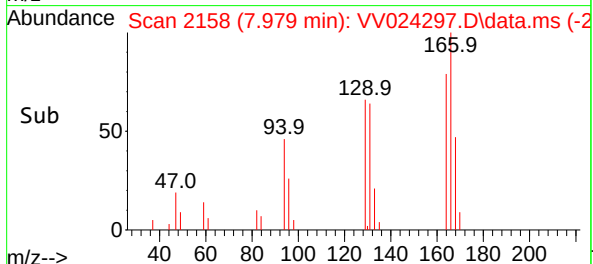
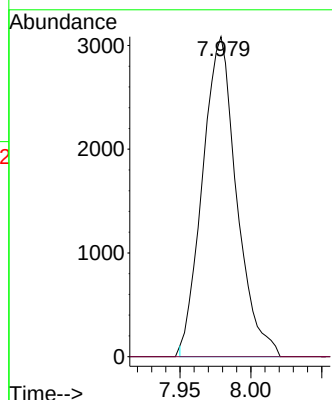
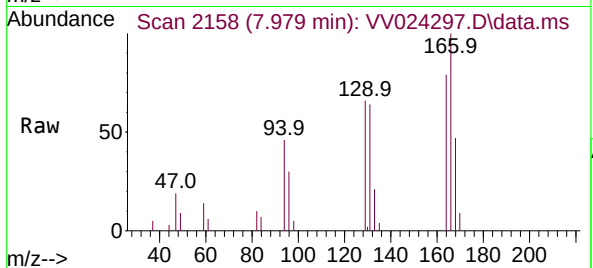
ClientSampleId :

Tgt Ion:129 Resp: 5162

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 6.320 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024297.D

Acq: 06 Jan 2022 15:50

Tgt Ion: 75 Resp: 9648

Ion Ratio Lower Upper

75 100

77 39.6 26.9 40.3

110 3.9 37.1 55.7#

