

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031422\
 Data File : VV024981.D
 Acq On : 14 Mar 2022 12:40
 Operator : SY/MD
 Sample : N1880-14
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC8

Quant Time: Mar 15 02:20:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 15 02:18:50 2022
 Response via : Initial Calibration

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

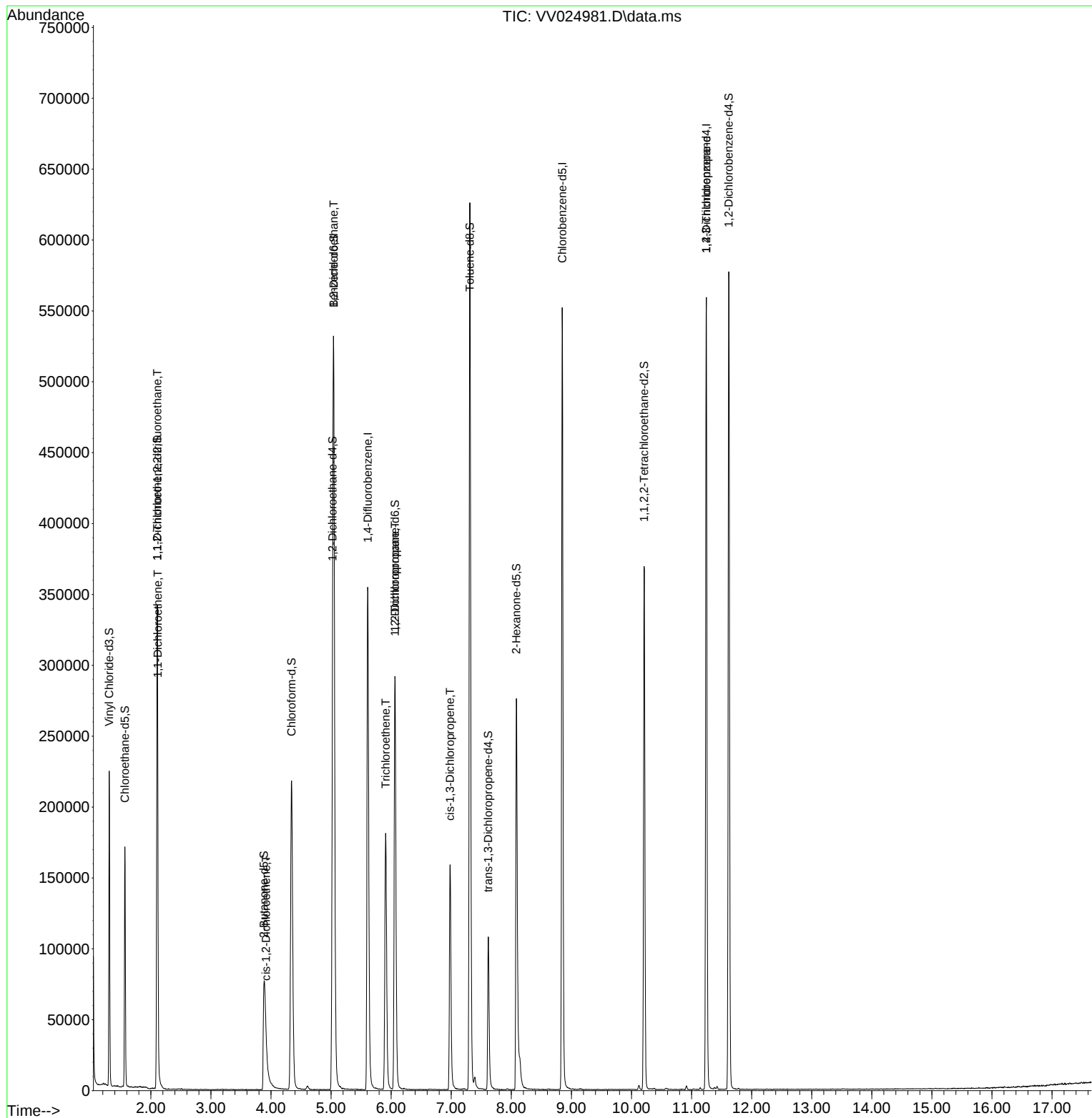
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	316949	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	306132	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	140380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	137276	42.596	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.200%		
7) Chloroethane-d5	1.568	69	107454	42.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.000%		
11) 1,1-Dichloroethene-d2	2.108	63	176417	32.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.220%		
21) 2-Butanone-d5	3.883	46	155007	84.515	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.510%		
24) Chloroform-d	4.343	84	234447	41.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.340%		
26) 1,2-Dichloroethane-d4	5.024	65	140284	42.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.520%		
32) Benzene-d6	5.043	84	487518	42.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.920%		
36) 1,2-Dichloropropane-d6	6.063	67	153908	43.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.080%		
41) Toluene-d8	7.310	98	423392	42.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.240%		
43) trans-1,3-Dichloroprop...	7.616	79	65414	42.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.160%		
47) 2-Hexanone-d5	8.085	63	103724	77.297	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.300%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	182399	43.499	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	11.619	152	145454	44.981	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1670	0.693	ug/L #	23
12) 1,1-Dichloroethene	2.114	96	5171	2.204	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	4456	1.622	ug/L	95
27) 1,2-Dichloroethane	5.043	62	2467	0.744	ug/L	97
34) Trichloroethene	5.908	95	63194	22.312	ug/L	99
37) 1,2-Dichloropropane	6.066	63	15518	5.986	ug/L #	86
39) cis-1,3-Dichloropropene	6.979	75	3686	0.945	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	18164	6.467	ug/L #	66

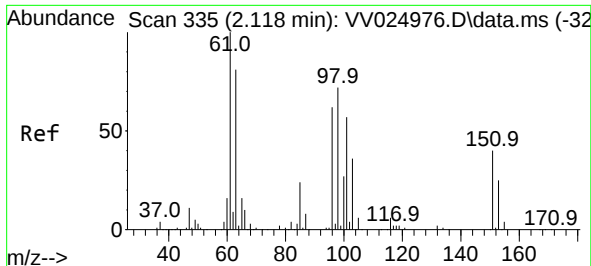
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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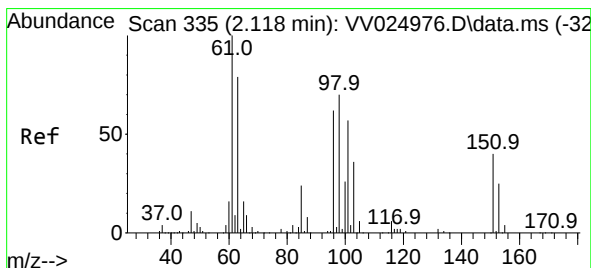
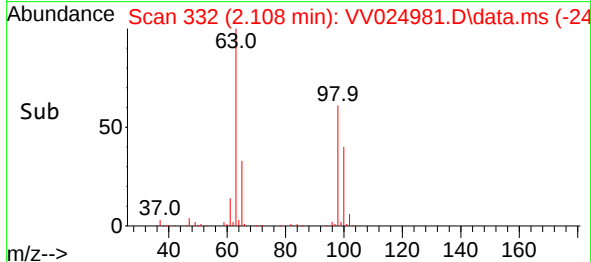
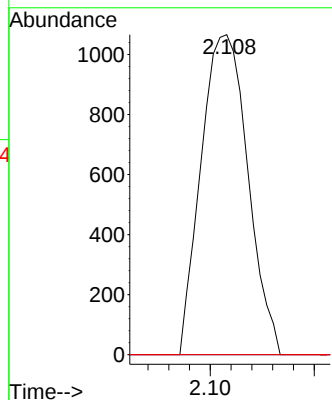
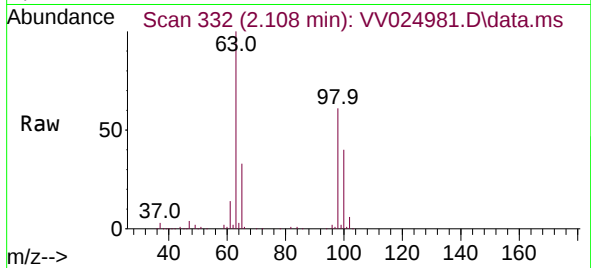




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.693 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV024981.D
Acq: 14 Mar 2022 12:40

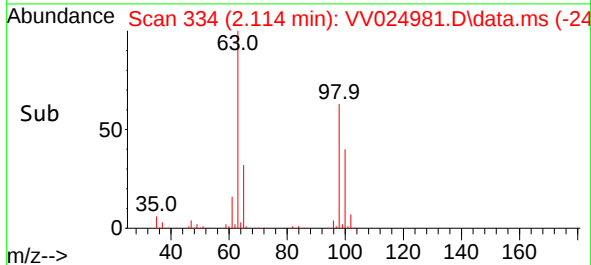
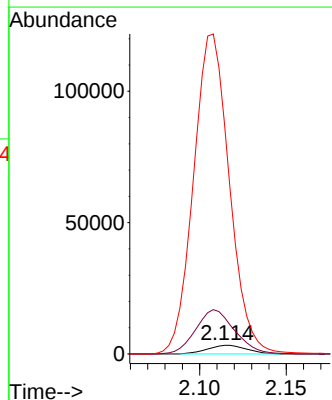
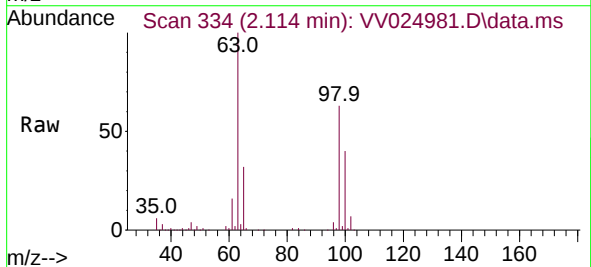
Instrument :
MSVOA_V
ClientSampleId :
C0DC8

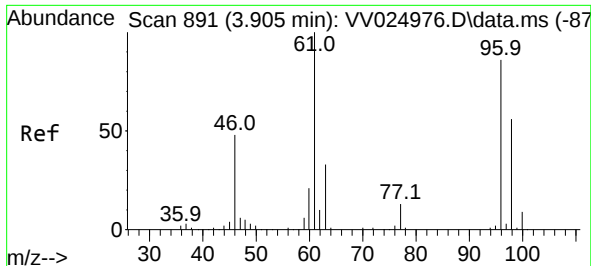
Tgt Ion:101 Resp: 1670
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 0.0 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 2.204 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024981.D
Acq: 14 Mar 2022 12:40

Tgt Ion: 96 Resp: 5171
Ion Ratio Lower Upper
96 100
61 420.6 117.6 218.4#
63 2652.7 105.3 195.5#

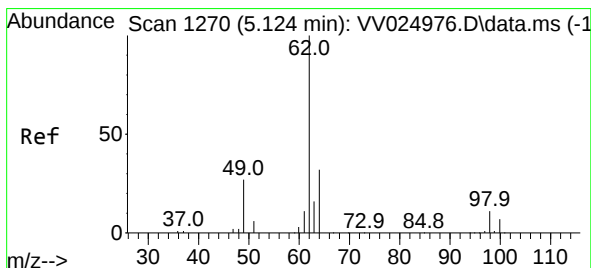
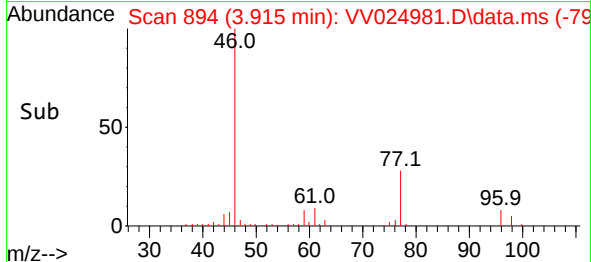
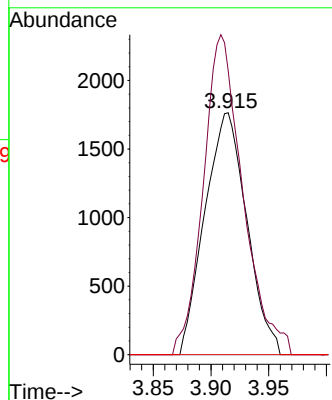
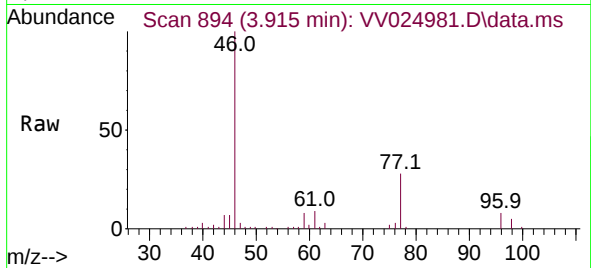




#20
 cis-1,2-Dichloroethene
 Concen: 1.622 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024981.D
 Acq: 14 Mar 2022 12:40

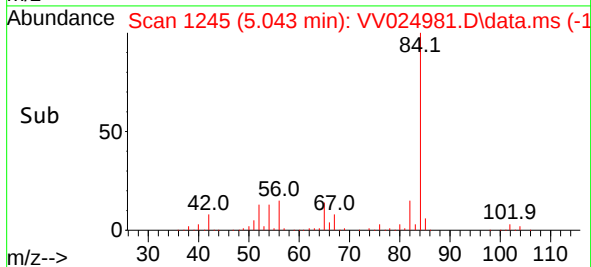
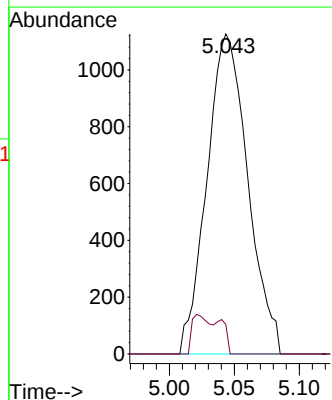
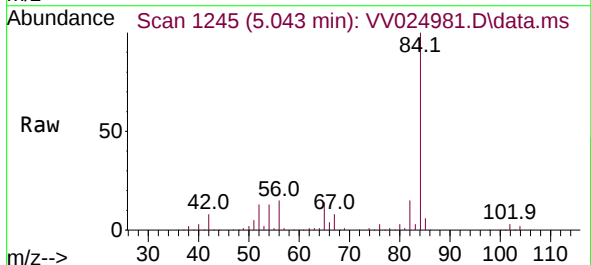
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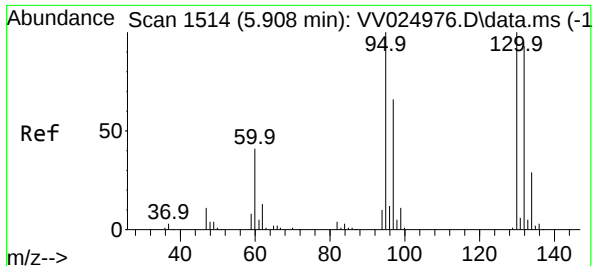
Tgt Ion: 96 Resp: 4456
 Ion Ratio Lower Upper
 96 100
 61 117.4 86.1 159.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.744 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.080 min
 Lab File: VV024981.D
 Acq: 14 Mar 2022 12:40

Tgt Ion: 62 Resp: 2467
 Ion Ratio Lower Upper
 62 100
 98 9.2 8.2 12.4

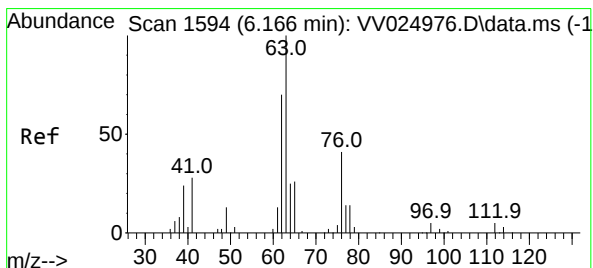
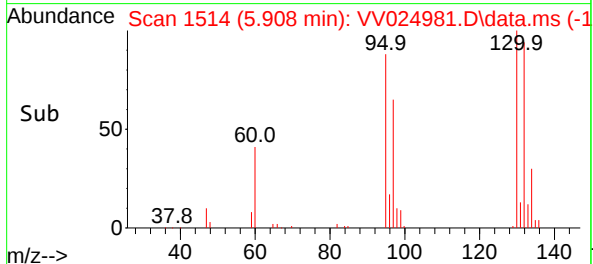
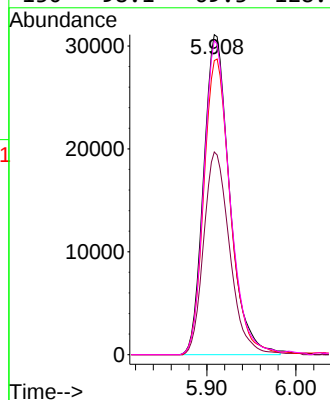
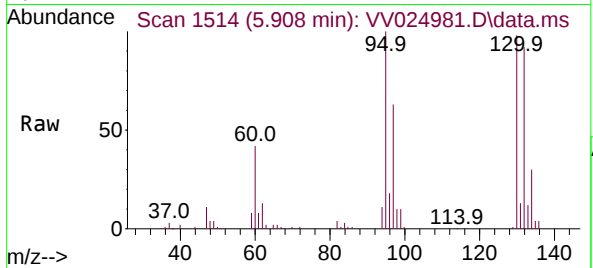




#34
Trichloroethene
Concen: 22.312 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024981.D
Acq: 14 Mar 2022 12:40

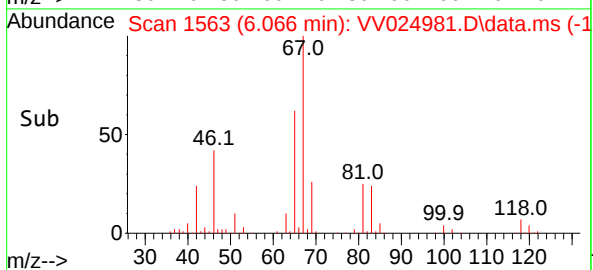
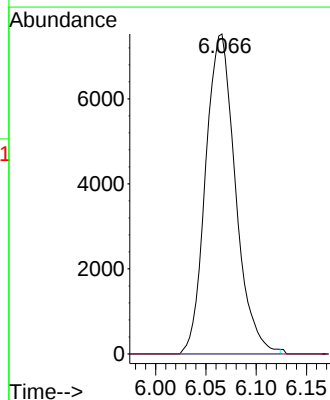
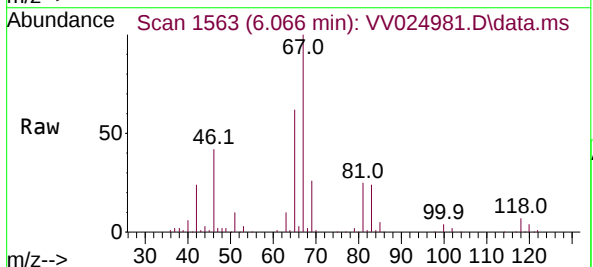
Instrument :
MSVOA_V
ClientSampleId :
C0DC8

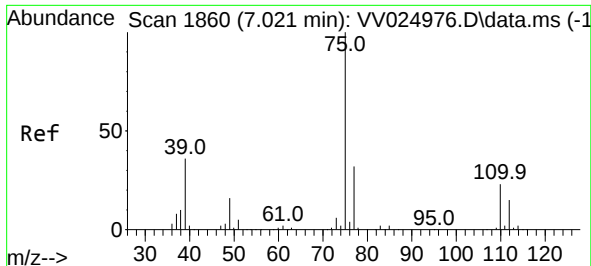
Tgt Ion: 95 Resp: 63194
Ion Ratio Lower Upper
95 100
97 63.3 45.3 84.1
132 91.9 65.0 120.6
130 98.1 69.3 128.7



#37
1,2-Dichloropropane
Concen: 5.986 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV024981.D
Acq: 14 Mar 2022 12:40

Tgt Ion: 63 Resp: 15518
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV024981.D

Acq: 14 Mar 2022 12:40

Instrument :

MSVOA_V

ClientSampleId :

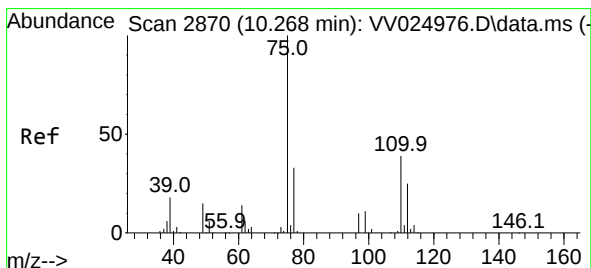
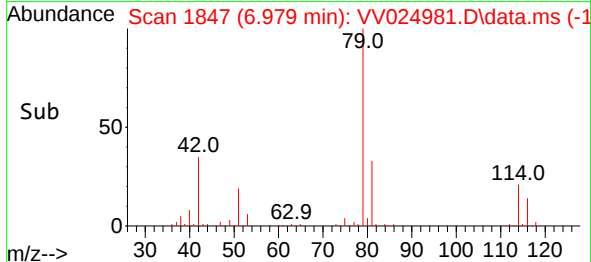
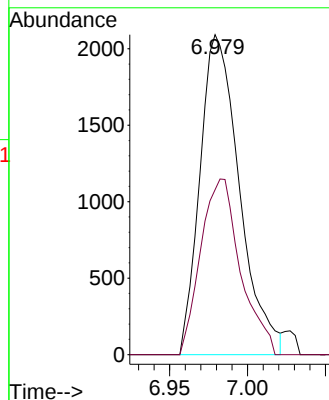
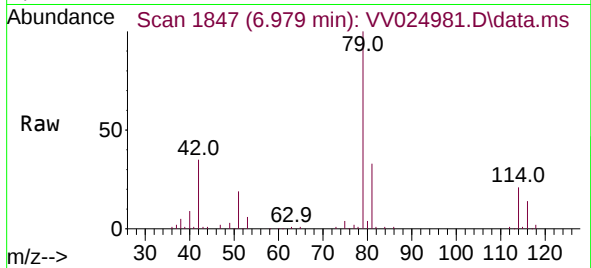
C0DC8

Tgt Ion: 75 Resp: 3686

Ion Ratio Lower Upper

75 100

77 51.5 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.467 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV024981.D

Acq: 14 Mar 2022 12:40

Tgt Ion: 75 Resp: 18164

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

110 2.6 31.4 47.2#

