

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034650.D
 Acq On : 15 Mar 2024 13:55
 Operator : SY/MD
 Sample : P1752-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

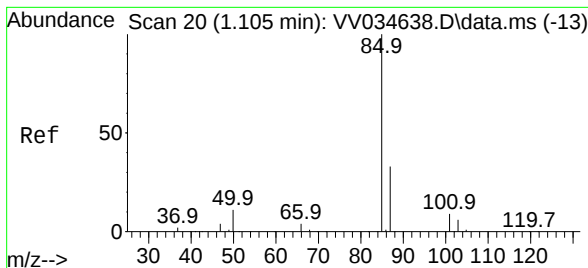
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:34:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	369356	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155478	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	106667	33.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.620%		
7) Chloroethane-d5	1.532	69	95826	38.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.820%		
11) 1,1-Dichloroethene-d2	2.060	65	53033	36.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.240%		
21) 2-Butanone-d5	3.793	46	195356	91.234	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.230%		
24) Chloroform-d	4.249	84	226230	39.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.920%		
26) 1,2-Dichloroethane-d4	4.941	65	155910	42.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.280%		
32) Benzene-d6	4.960	84	434750	43.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.460%		
36) 1,2-Dichloropropane-d6	5.989	67	140128	45.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.320%		
41) Toluene-d8	7.243	98	371692	40.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.680%		
43) trans-1,3-Dichloroprop...	7.555	79	58315	37.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.680%		
47) 2-Hexanone-d5	8.024	63	136892	89.317	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.320%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	185508	45.928	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.860%		
66) 1,2-Dichlorobenzene-d4	11.561	152	142229	44.754	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.195	85	12065	3.114	ug/L	99
8) Chloroethane	1.192	64	7827	3.563	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2091	0.701	ug/L #	31
12) 1,1-Dichloroethene	2.069	96	83313	30.123	ug/L	91
13) Acetone	2.124	43	189654	73.677	ug/L	99
15) Methyl Acetate	2.285	43	136624	41.487	ug/L #	53
19) 1,1-Dichloroethane	3.114	63	15454	2.947	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	24787	8.534	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	18465	3.864	ug/L	96

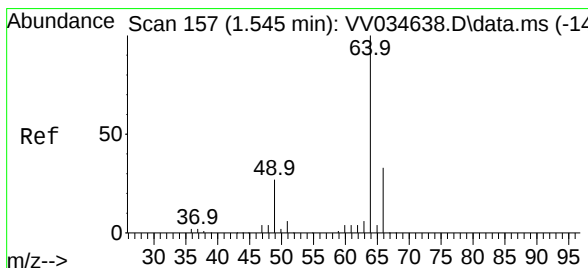
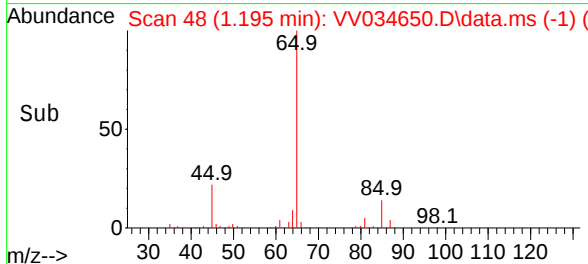
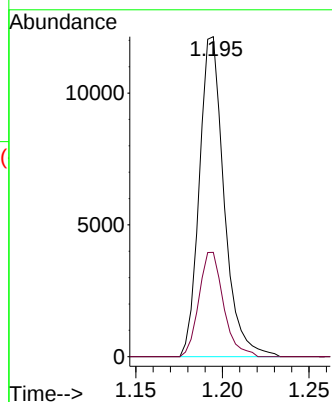
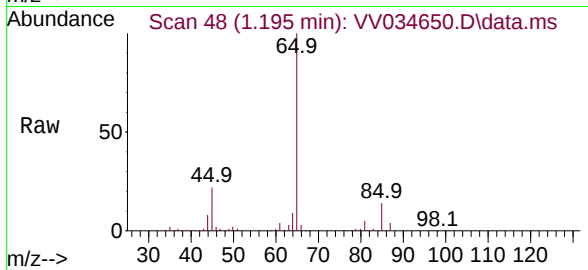
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.114 ug/L
 RT: 1.195 min Scan# 41
 Delta R.T. 0.090 min
 Lab File: VV034650.D
 Acq: 15 Mar 2024 13:55

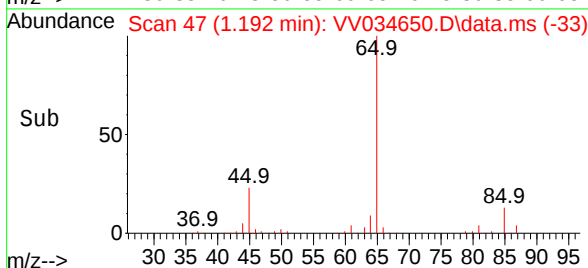
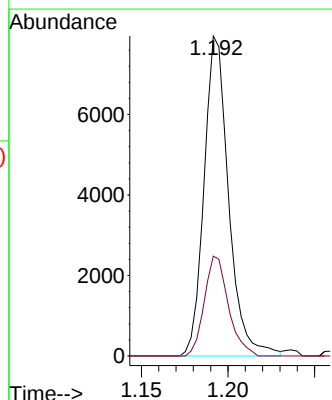
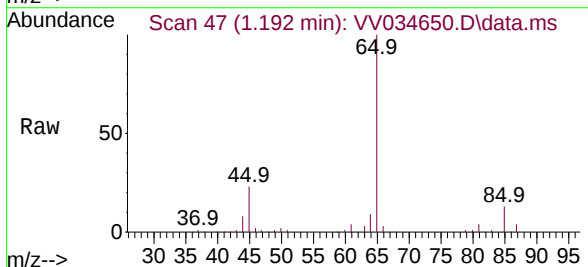
Instrument :
 MSVOA_V
 ClientSampleId :

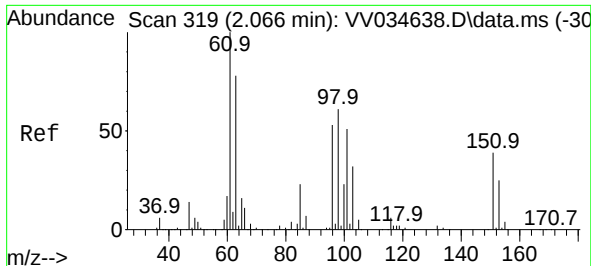
Tgt Ion: 85 Resp: 12065
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.5 38.3



#8
 Chloroethane
 Concen: 3.563 ug/L
 RT: 1.192 min Scan# 47
 Delta R.T. -0.354 min
 Lab File: VV034650.D
 Acq: 15 Mar 2024 13:55

Tgt Ion: 64 Resp: 7827
 Ion Ratio Lower Upper
 64 100
 66 31.2 22.0 40.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.701 ug/L

RT: 2.060 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV034650.D

Acq: 15 Mar 2024 13:55

Instrument :

MSVOA_V

ClientSampleId :

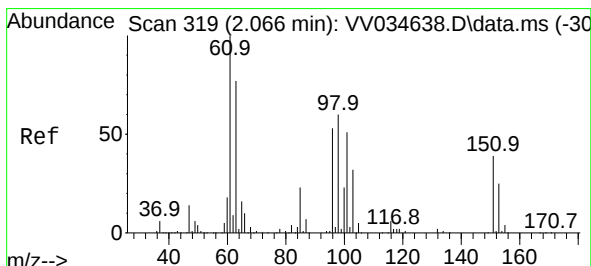
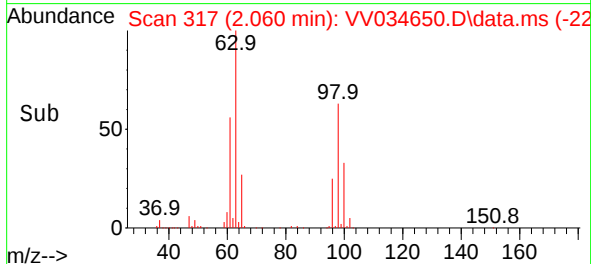
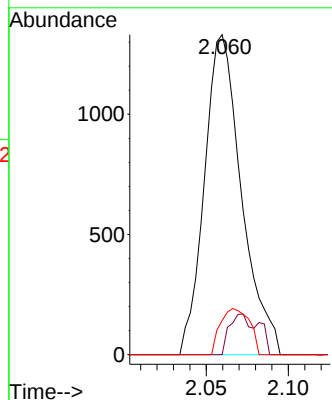
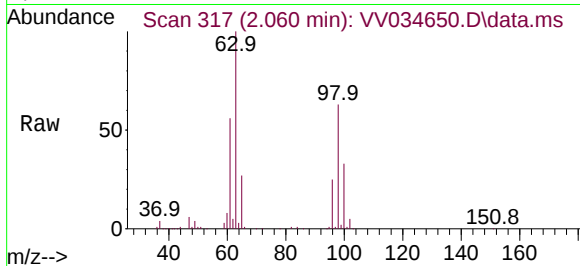
Tgt Ion:101 Resp: 2091

Ion Ratio Lower Upper

101 100

85 7.5 37.4 56.0#

151 11.3 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 30.123 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034650.D

Acq: 15 Mar 2024 13:55

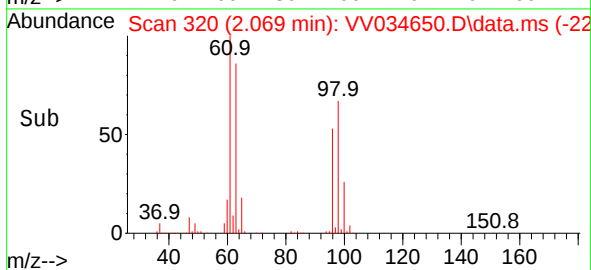
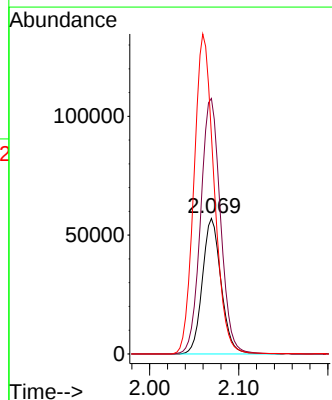
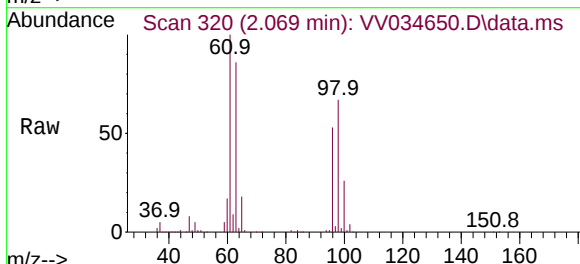
Tgt Ion: 96 Resp: 83313

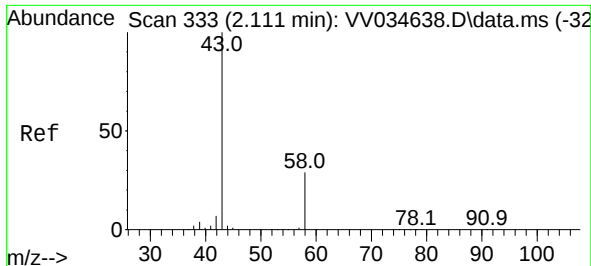
Ion Ratio Lower Upper

96 100

61 188.4 128.9 239.3

63 161.6 98.0 182.0





#13

Acetone

Concen: 73.677 ug/L

RT: 2.124 min Scan# 333

Delta R.T. 0.013 min

Lab File: VV034650.D

Acq: 15 Mar 2024 13:55

Instrument :

MSVOA_V

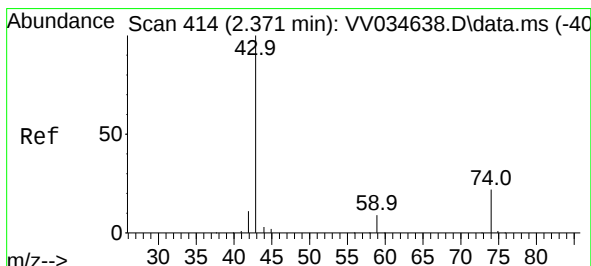
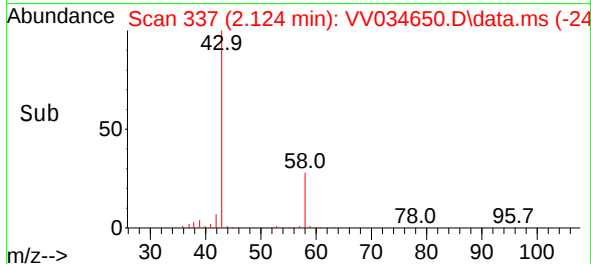
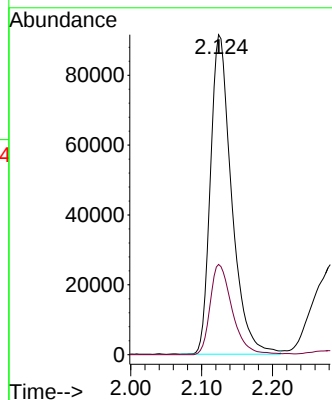
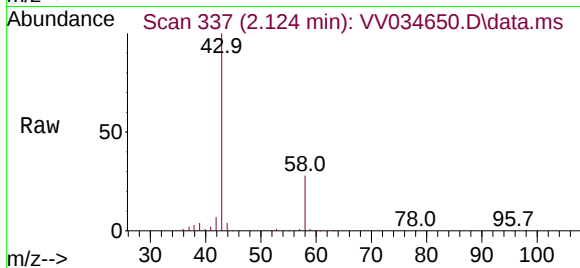
ClientSampleId :

Tgt Ion: 43 Resp: 189654

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#15

Methyl Acetate

Concen: 41.487 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.087 min

Lab File: VV034650.D

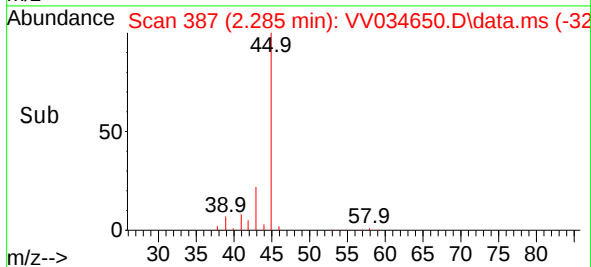
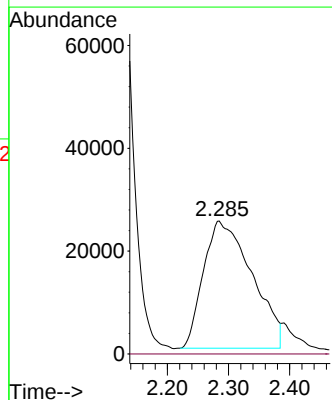
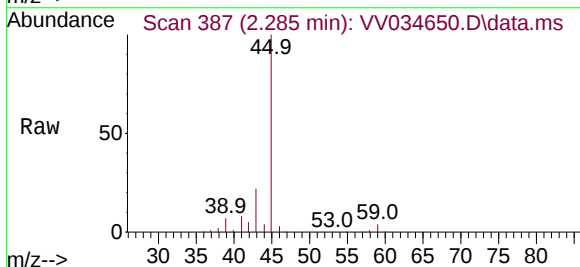
Acq: 15 Mar 2024 13:55

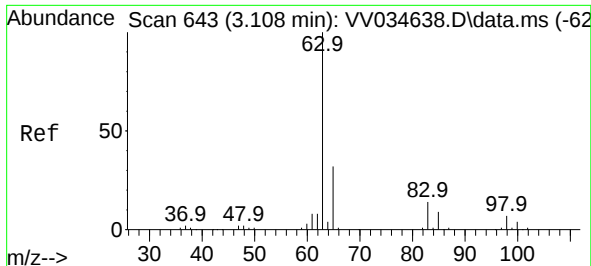
Tgt Ion: 43 Resp: 136624

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#19

1,1-Dichloroethane

Concen: 2.947 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV034650.D

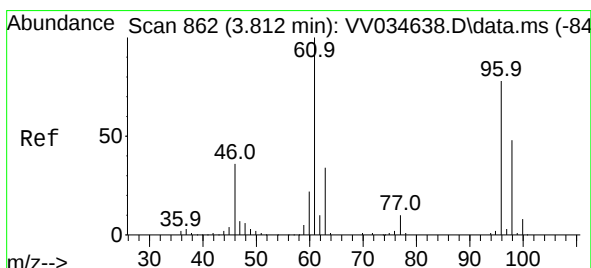
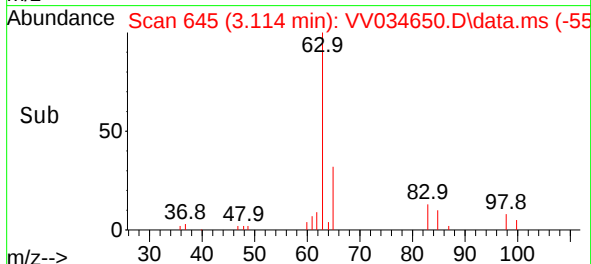
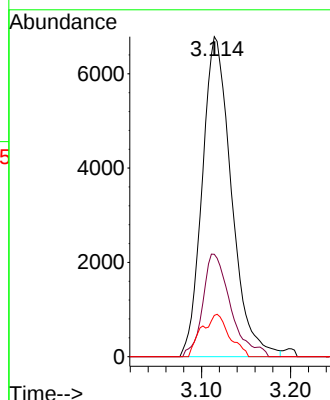
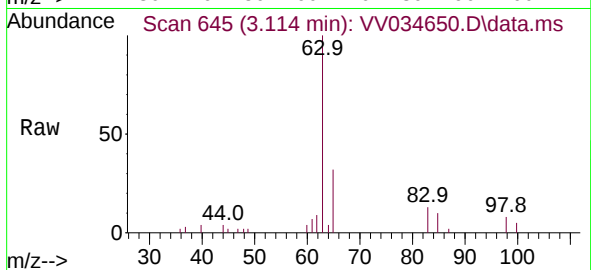
Acq: 15 Mar 2024 13:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	15454
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.1	41.1
83	12.9	9.9	18.3



#20

cis-1,2-Dichloroethene

Concen: 8.534 ug/L

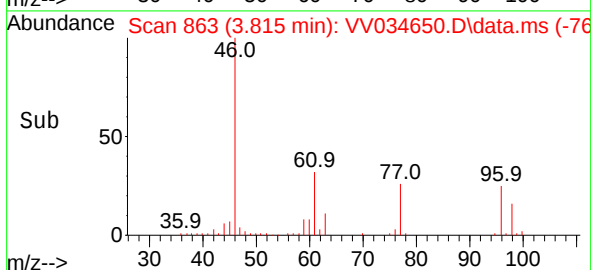
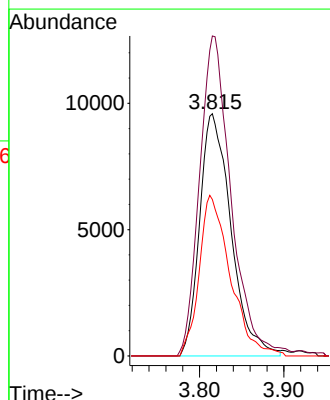
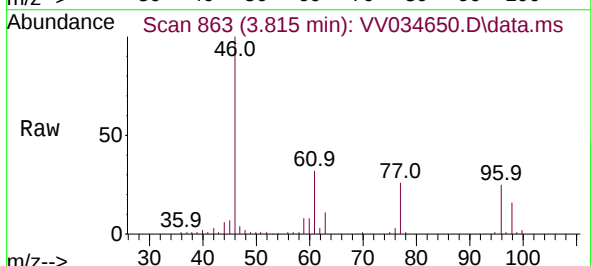
RT: 3.815 min Scan# 863

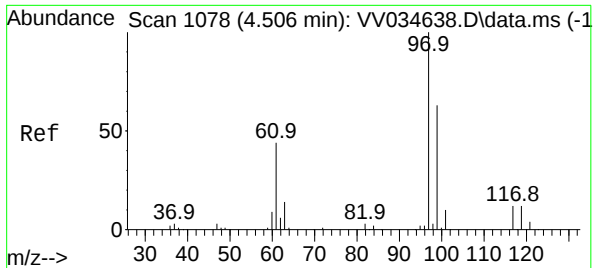
Delta R.T. 0.003 min

Lab File: VV034650.D

Acq: 15 Mar 2024 13:55

Tgt Ion:	96	Resp:	24787
Ion	Ratio	Lower	Upper
96	100		
61	132.1	96.0	178.4
98	64.6	46.0	85.4





#30
 1,1,1-Trichloroethane
 Concen: 3.864 ug/L
 RT: 4.516 min Scan# 10
 Delta R.T. 0.010 min
 Lab File: VV034650.D
 Acq: 15 Mar 2024 13:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97	Resp:	18465
Ion	Ratio	Lower Upper
97	100	
99	66.6	51.3 76.9
61	47.8	36.0 54.0

