

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034619.D
 Acq On : 14 Mar 2024 21:50
 Operator : SY/MD
 Sample : P1751-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

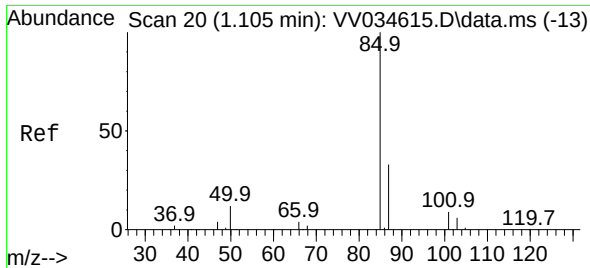
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 06:54:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229674	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	219273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94693	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109398	54.945	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.900%		
7) Chloroethane-d5	1.532	69	95119	61.321	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 122.640%		
11) 1,1-Dichloroethene-d2	2.060	65	51527	57.224	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 114.440%		
21) 2-Butanone-d5	3.793	46	179358	134.706	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 134.710%#		
24) Chloroform-d	4.246	84	214308	60.877	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 121.760%		
26) 1,2-Dichloroethane-d4	4.941	65	146149	63.530	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 127.060%#		
32) Benzene-d6	4.957	84	413453	62.477	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 124.960%		
36) 1,2-Dichloropropane-d6	5.986	67	129865	64.302	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 128.600%#		
41) Toluene-d8	7.243	98	358393	59.845	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 119.680%		
43) trans-1,3-Dichloroprop...	7.555	79	57006	56.209	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 112.420%		
47) 2-Hexanone-d5	8.024	63	128981	127.894	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 127.890%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	175310	65.962	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 131.920%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	134815	69.652	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 139.300%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.192	85	40947	16.997	ug/L	100
8) Chloroethane	1.192	64	25121	18.393	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1479	0.797	ug/L #	20
12) 1,1-Dichloroethene	2.069	96	16376	9.522	ug/L #	1
13) Acetone	2.127	43	91051	56.884	ug/L	100
15) Methyl Acetate	2.298	43	280351	136.905	ug/L #	53
19) 1,1-Dichloroethane	3.118	63	4487	1.376	ug/L #	85
30) 1,1,1-Trichloroethane	4.513	97	12032	3.827	ug/L #	81
39) cis-1,3-Dichloropropene	6.915	75	4391	1.521	ug/L #	60

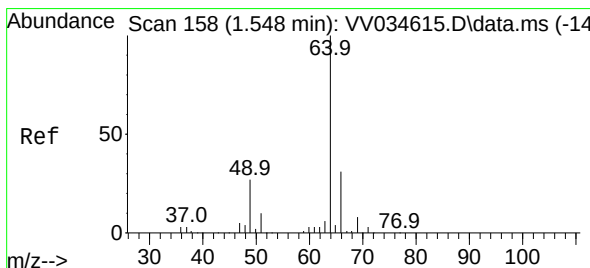
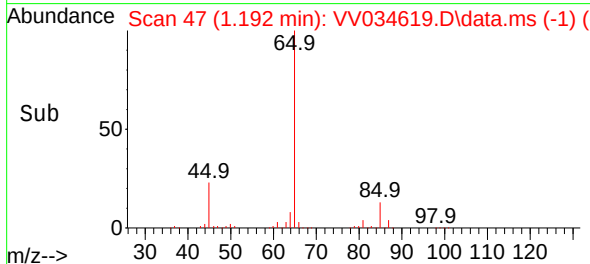
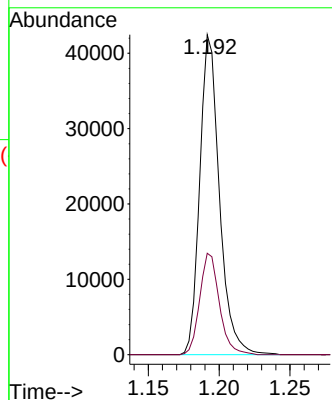
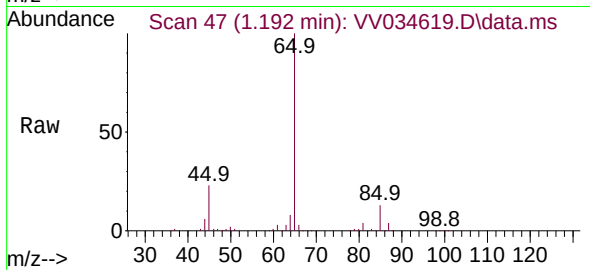
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 16.997 ug/L
 RT: 1.192 min Scan# 47
 Delta R.T. 0.087 min
 Lab File: VV034619.D
 Acq: 14 Mar 2024 21:50

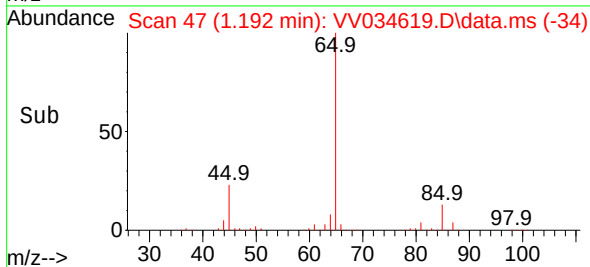
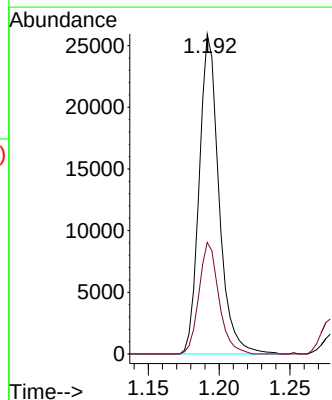
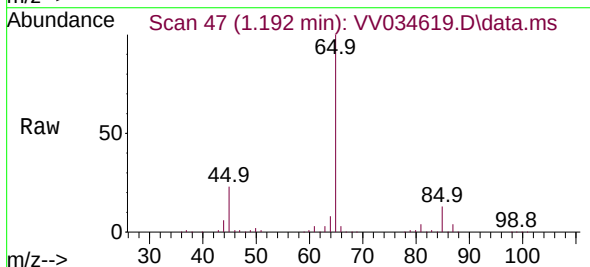
Instrument :
 MSVOA_V
 ClientSampleId :

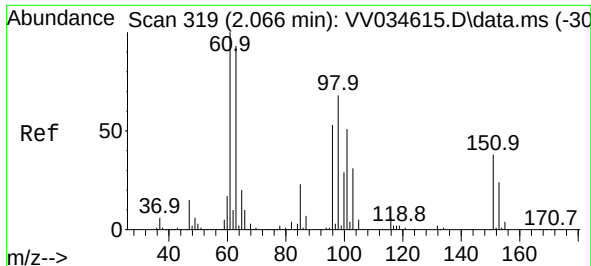
Tgt Ion: 85 Resp: 40947
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.5 38.3



#8
 Chloroethane
 Concen: 18.393 ug/L
 RT: 1.192 min Scan# 47
 Delta R.T. -0.357 min
 Lab File: VV034619.D
 Acq: 14 Mar 2024 21:50

Tgt Ion: 64 Resp: 25121
 Ion Ratio Lower Upper
 64 100
 66 34.9 22.0 40.8





#10

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

Concen: 0.797 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

Lab File: VV034619.D

Acq: 14 Mar 2024 21:50

Instrument :

MSVOA_V

ClientSampleId :

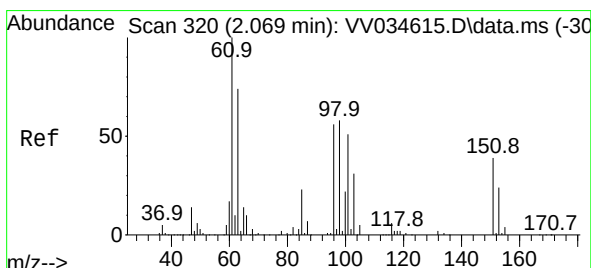
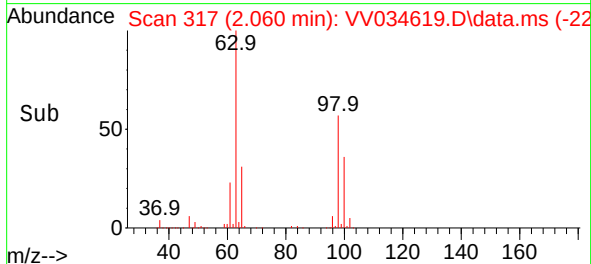
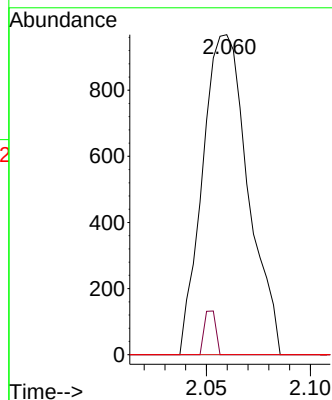
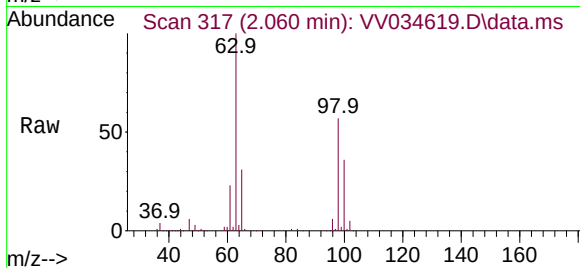
Tgt Ion:101 Resp: 1479

Ion Ratio Lower Upper

101 100

85 3.4 37.4 56.0#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 9.522 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034619.D

Acq: 14 Mar 2024 21:50

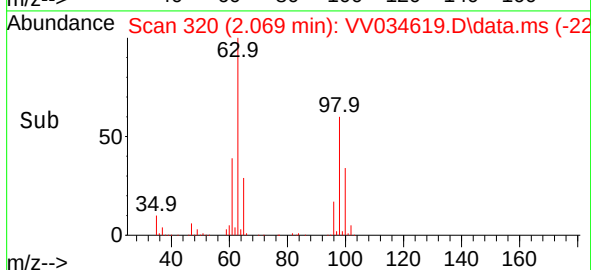
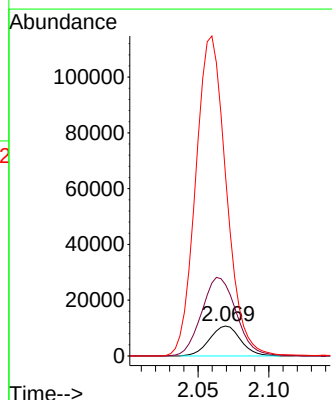
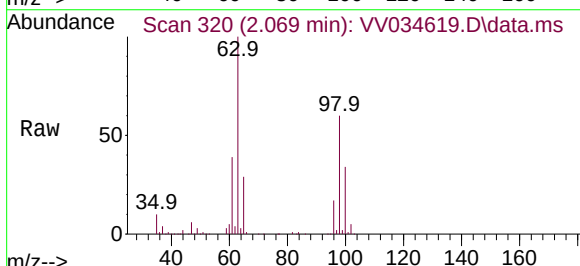
Tgt Ion: 96 Resp: 16376

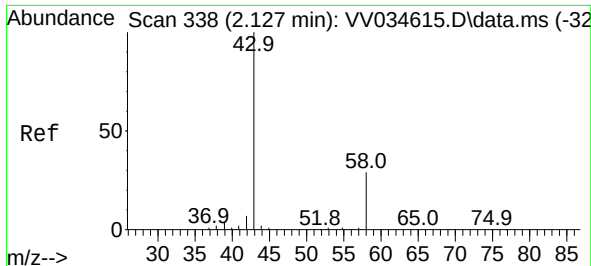
Ion Ratio Lower Upper

96 100

61 238.0 128.9 239.3

63 603.6 98.0 182.0#





#13

Acetone

Concen: 56.884 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV034619.D

Acq: 14 Mar 2024 21:50

Instrument :

MSVOA_V

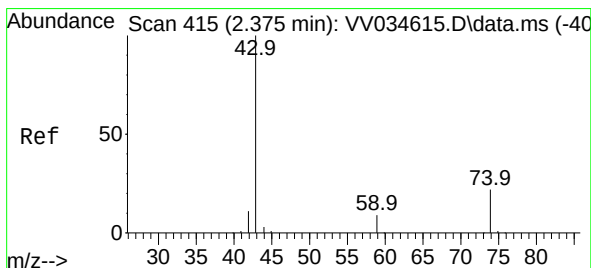
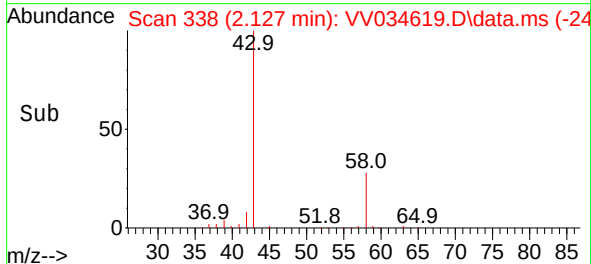
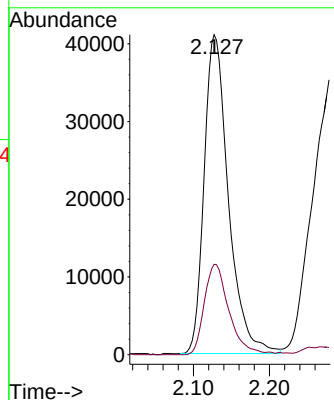
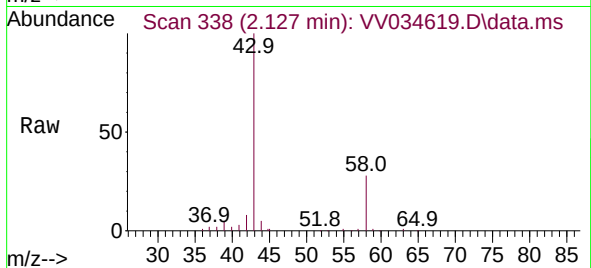
ClientSampleId :

Tgt Ion: 43 Resp: 91051

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.2



#15

Methyl Acetate

Concen: 136.905 ug/L

RT: 2.298 min Scan# 391

Delta R.T. -0.077 min

Lab File: VV034619.D

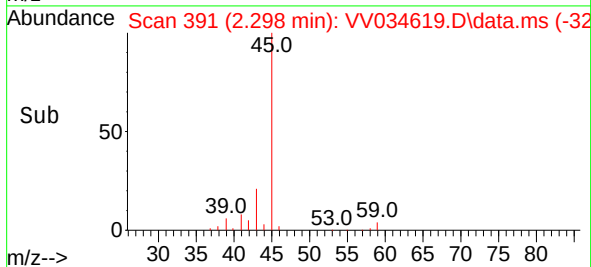
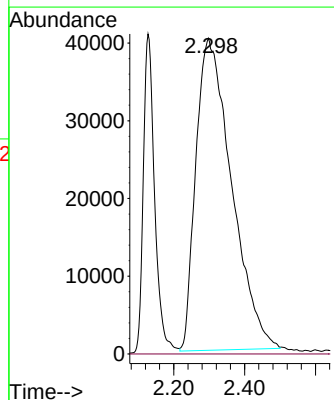
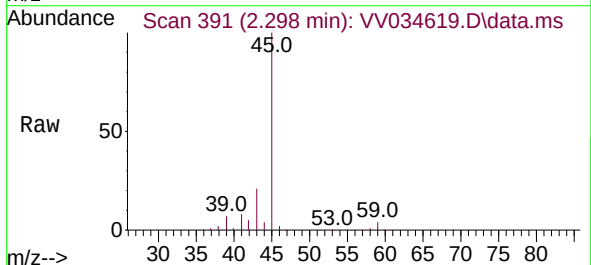
Acq: 14 Mar 2024 21:50

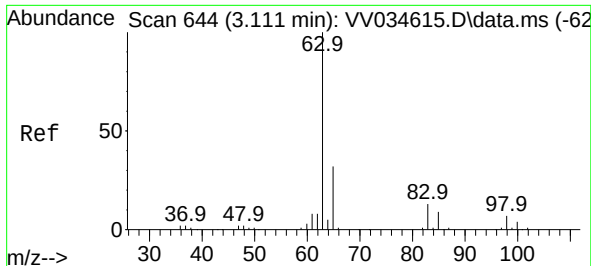
Tgt Ion: 43 Resp: 280351

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

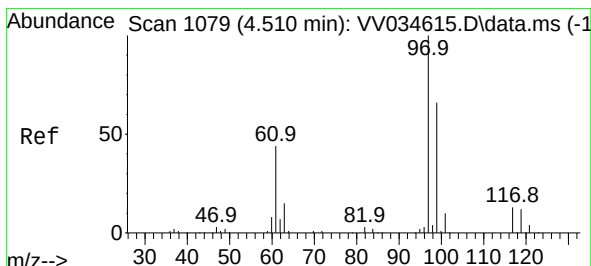
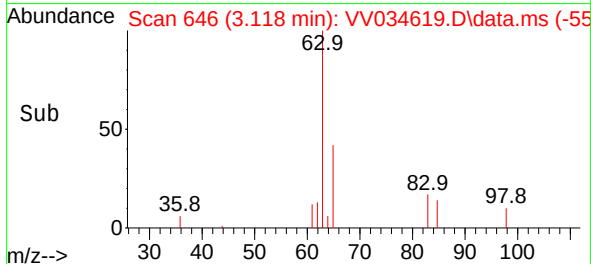
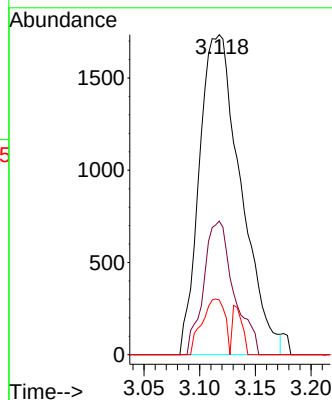
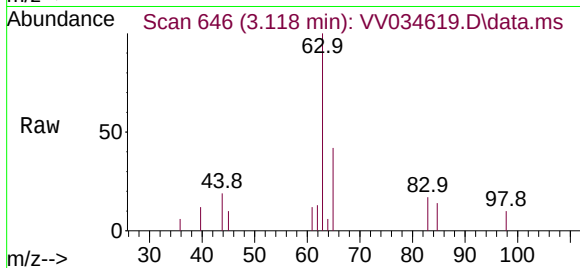




#19
1,1-Dichloroethane
Concen: 1.376 ug/L
RT: 3.118 min Scan# 64
Delta R.T. 0.007 min
Lab File: VV034619.D
Acq: 14 Mar 2024 21:50

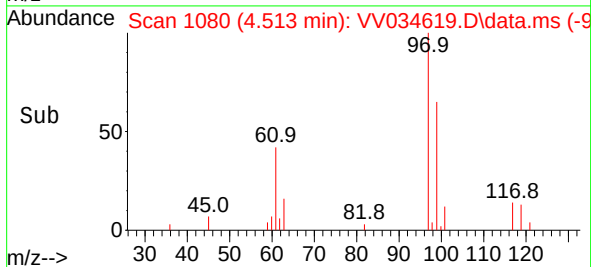
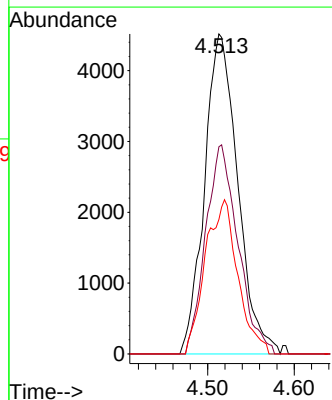
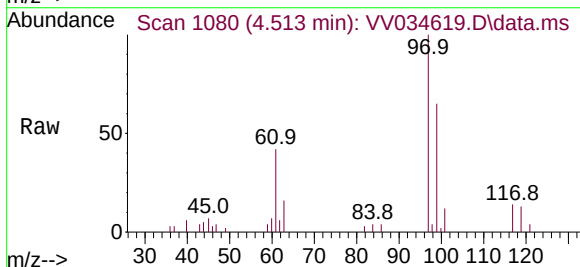
Instrument :
MSVOA_V
ClientSampleId :

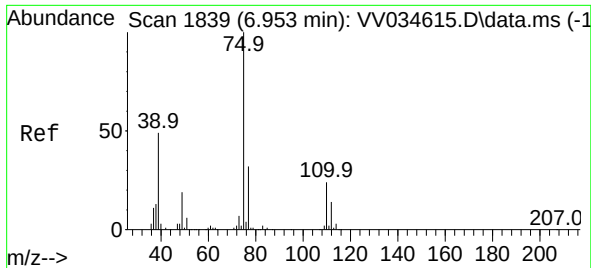
Tgt Ion: 63 Resp: 4487
Ion Ratio Lower Upper
63 100
65 41.7 22.1 41.1#
83 17.1 9.9 18.3



#30
1,1,1-Trichloroethane
Concen: 3.827 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV034619.D
Acq: 14 Mar 2024 21:50

Tgt Ion: 97 Resp: 12032
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 16.0 36.0 54.0#





#39
 cis-1,3-Dichloropropene
 Concen: 1.521 ug/L
 RT: 6.915 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV034619.D
 Acq: 14 Mar 2024 21:50

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 4391
 Ion Ratio Lower Upper
 75 100
 77 51.7 20.9 38.9#

