

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037572.D
 Acq On : 27 Sep 2024 00:48
 Operator : SY/MD
 Sample : P4184-18
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

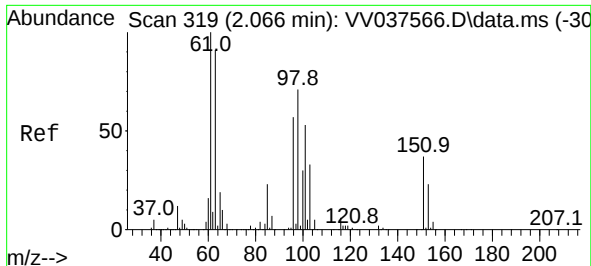
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664545	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252299	43.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.500%		
7) Chloroethane-d5	1.532	69	200474	44.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.540%		
11) 1,1-Dichloroethene-d2	2.060	65	108378	44.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.940%		
21) 2-Butanone-d5	3.793	46	190296	91.584	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.580%		
24) Chloroform-d	4.243	84	450344	43.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
26) 1,2-Dichloroethane-d4	4.937	65	269764	44.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
32) Benzene-d6	4.953	84	898120	45.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.982	67	286126	45.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.120%		
41) Toluene-d8	7.236	98	801223	44.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
43) trans-1,3-Dichloroprop...	7.551	79	122104	41.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.720%		
47) 2-Hexanone-d5	8.024	63	116588	87.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.920%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319651	43.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.620%		
66) 1,2-Dichlorobenzene-d4	11.554	152	300128	46.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3596	0.759	ug/L #	27
13) Acetone	2.114	43	38852	19.074	ug/L	100
19) 1,1-Dichloroethane	3.105	63	170282	18.989	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	94725	18.086	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	2162404	278.583	ug/L	100
34) Trichloroethene	5.828	95	186456	36.836	ug/L	99
46) Tetrachloroethene	7.899	164	408871	105.648	ug/L	99
48) 2-Hexanone	8.027	43	13460	4.332	ug/L #	70

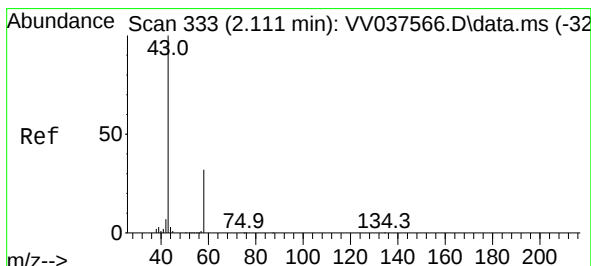
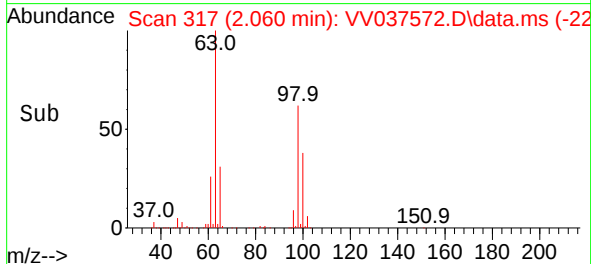
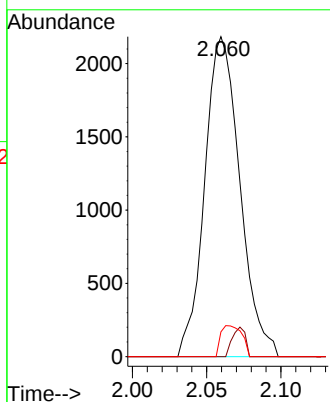
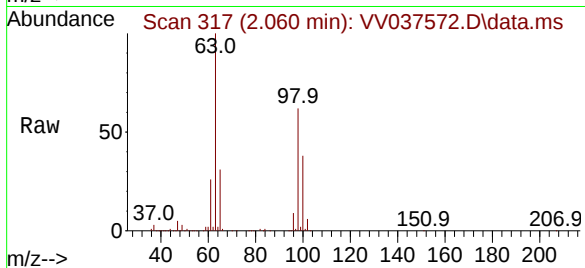
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.759 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

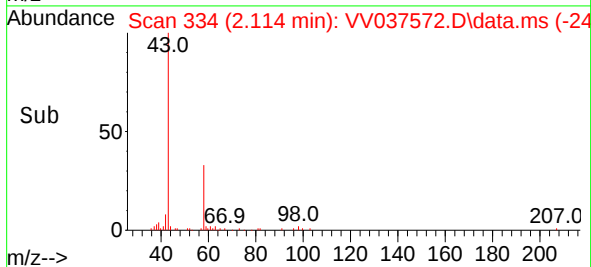
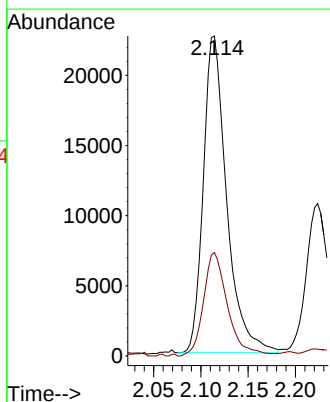
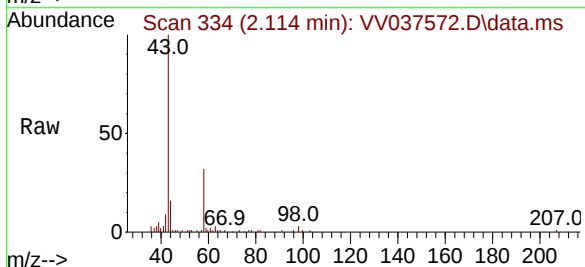
Instrument :
MSVOA_V
ClientSampleId :

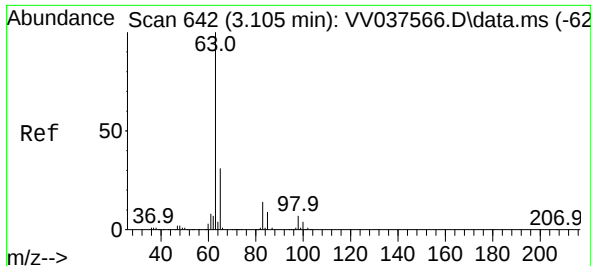
Tgt Ion:101 Resp: 3596
Ion Ratio Lower Upper
101 100
85 3.4 34.6 52.0#
151 5.8 57.5 86.3#



#13
Acetone
Concen: 19.074 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

Tgt Ion: 43 Resp: 38852
Ion Ratio Lower Upper
43 100
58 33.6 0.0 66.6





#19

1,1-Dichloroethane

Concen: 18.989 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

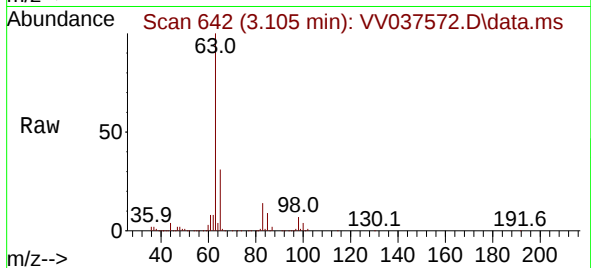
Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

Instrument :

MSVOA_V

ClientSampleId :



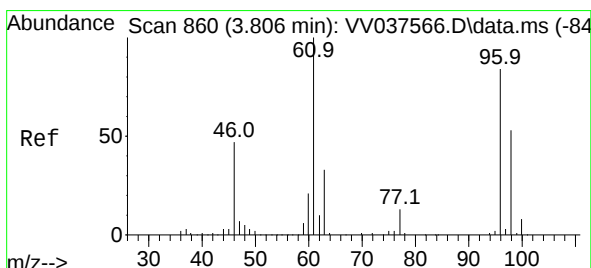
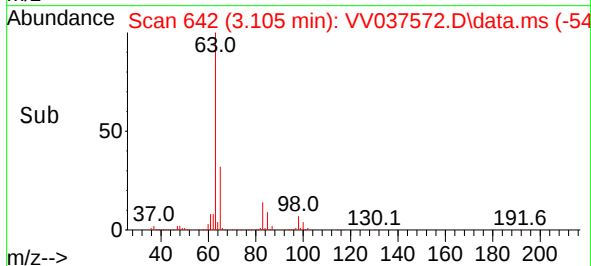
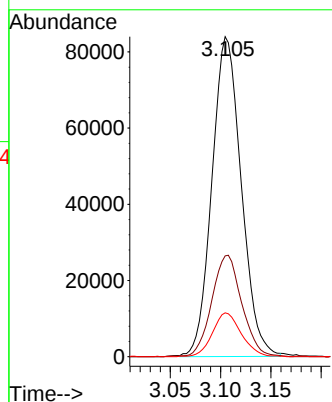
Tgt Ion: 63 Resp: 170282

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 18.086 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

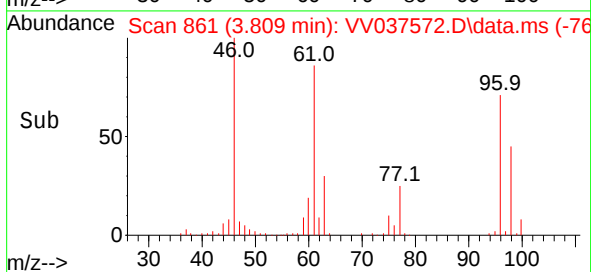
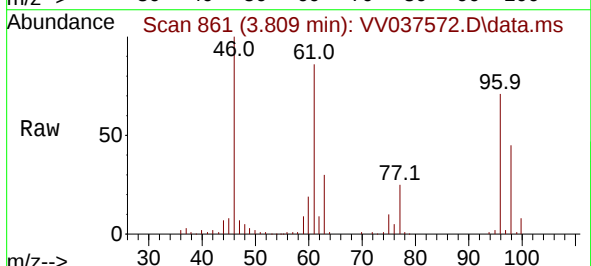
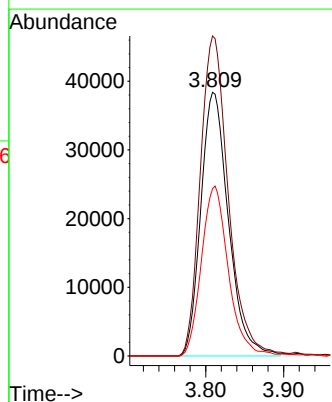
Tgt Ion: 96 Resp: 94725

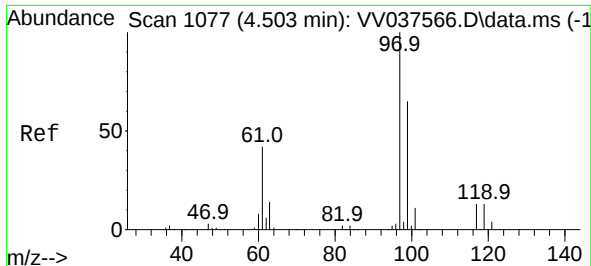
Ion Ratio Lower Upper

96 100

61 121.4 85.0 157.8

98 63.4 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 278.583 ug/L

RT: 4.503 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

Instrument :

MSVOA_V

ClientSampleId :

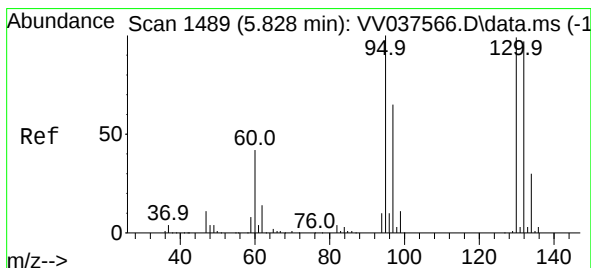
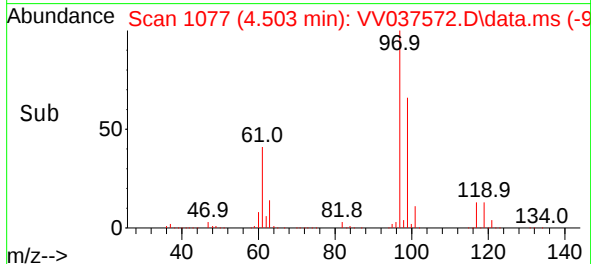
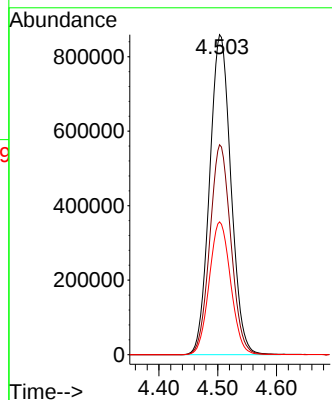
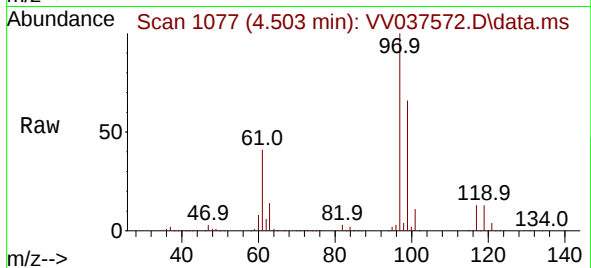
Tgt Ion: 97 Resp: 2162404

Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 41.8 33.6 50.4



#34

Trichloroethene

Concen: 36.836 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

Tgt Ion: 95 Resp: 186456

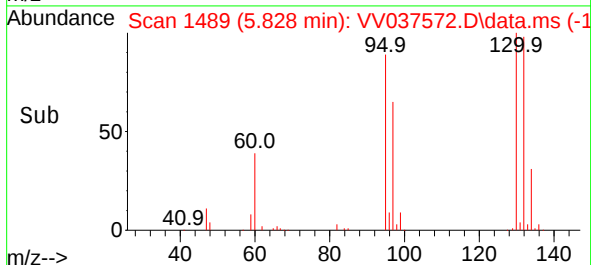
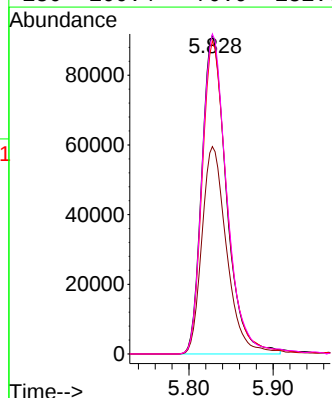
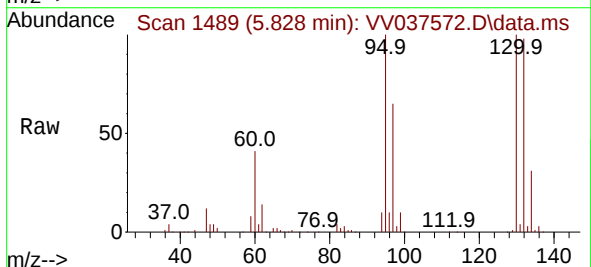
Ion Ratio Lower Upper

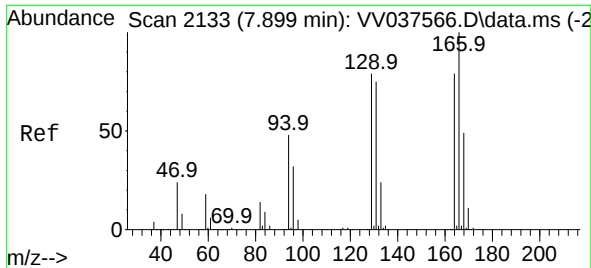
95 100

97 65.0 46.3 85.9

132 98.2 68.6 127.4

130 100.4 70.9 131.7





#46

Tetrachloroethene

Concen: 105.648 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

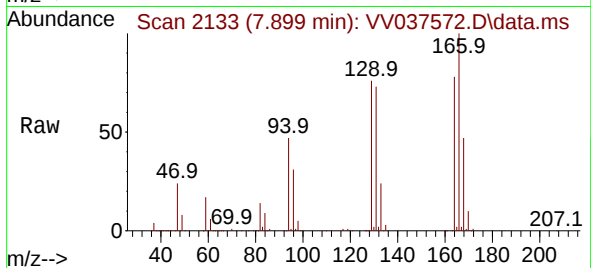
Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 408871

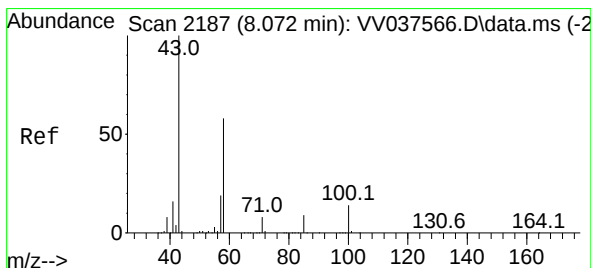
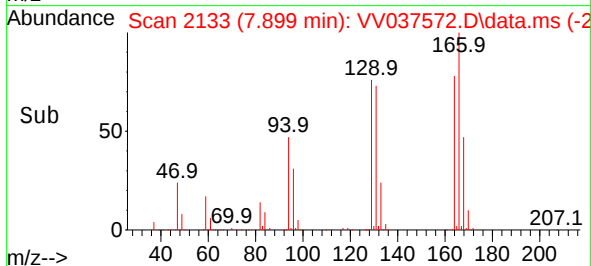
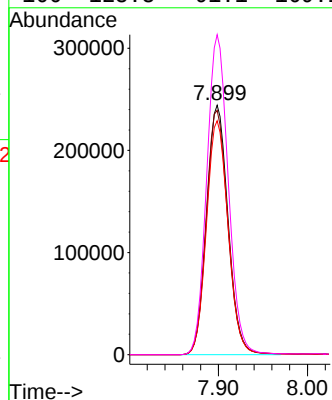
Ion Ratio Lower Upper

164 100

129 97.9 68.2 126.6

131 93.8 66.1 122.8

166 128.3 91.1 169.1



#48

2-Hexanone

Concen: 4.332 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.045 min

Lab File: VV037572.D

Acq: 27 Sep 2024 00:48

Tgt Ion: 43 Resp: 13460

Ion Ratio Lower Upper

43 100

58 36.1 46.5 69.7#

57 33.1 15.1 22.7#

100 1.3 10.7 16.1#

