

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037407.D
 Acq On : 20 Sep 2024 01:54
 Operator : SY/MD
 Sample : P3994-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

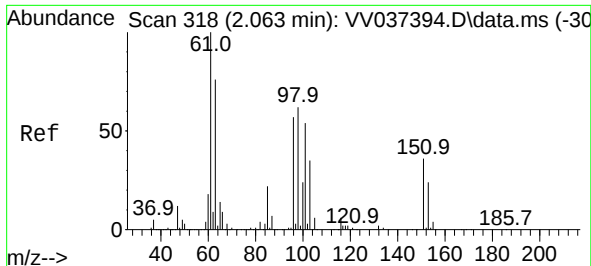
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B22

Quant Time: Sep 20 04:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	304347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	145390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62731	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	80386	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.053	65	35660	3.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.802	46	269886	50.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.243	84	203884	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.940	65	100638	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.953	84	368963	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.982	67	130360	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.239	98	306145	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.561	79	27635	3.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.024	63	219687	52.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109998	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	132277	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5234	0.234	ug/L	95
12) 1,1-Dichloroethene	2.066	96	41076	1.926	ug/L #	75
19) 1,1-Dichloroethane	3.114	63	11009	0.257	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	44487	1.834	ug/L	93
25) Chloroform	4.268	83	28163	0.652	ug/L	100
31) Carbon tetrachloride	4.728	117	58418	1.839	ug/L	99
34) Trichloroethene	5.825	95	357062	13.971	ug/L	97
47) Tetrachloroethene	7.899	164	104739	5.726	ug/L	97

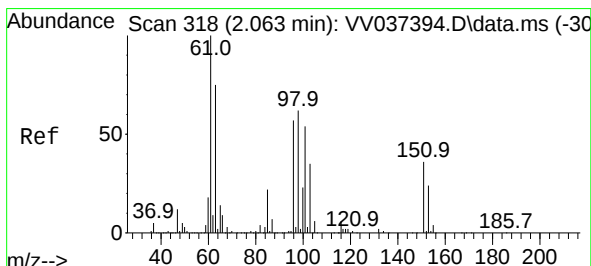
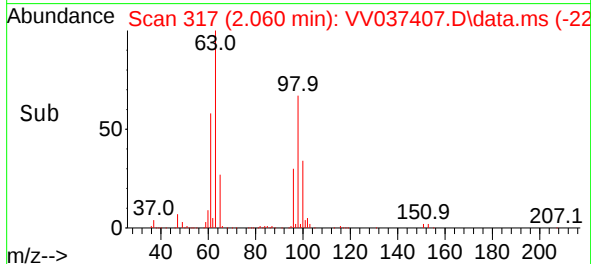
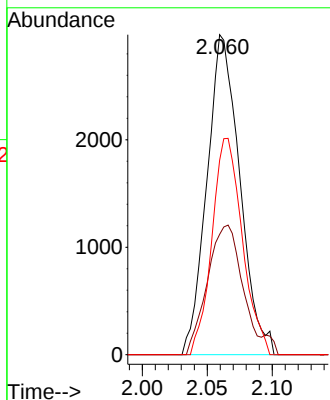
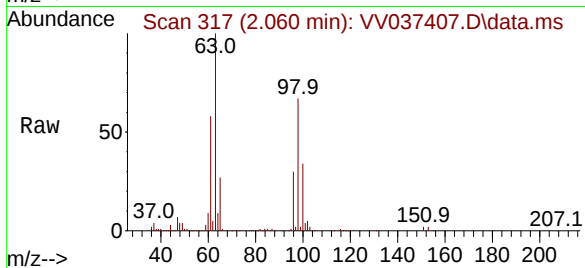
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.234 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV037407.D
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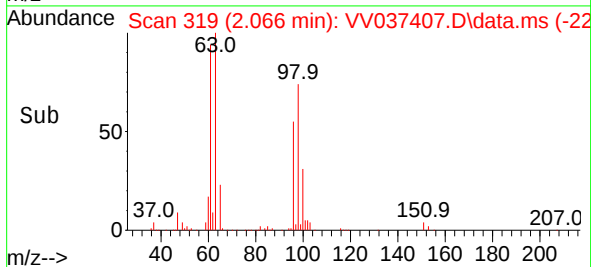
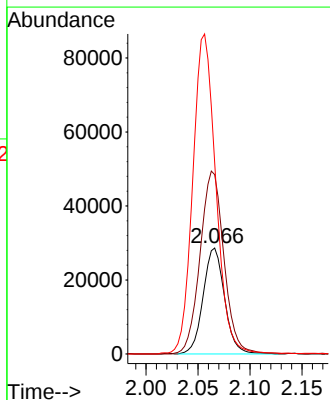
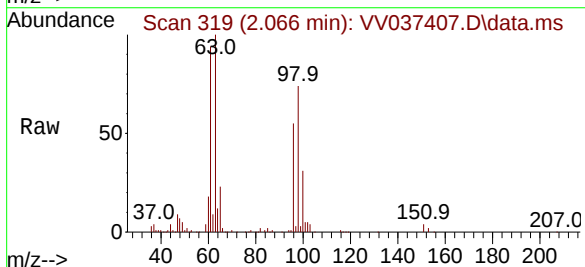
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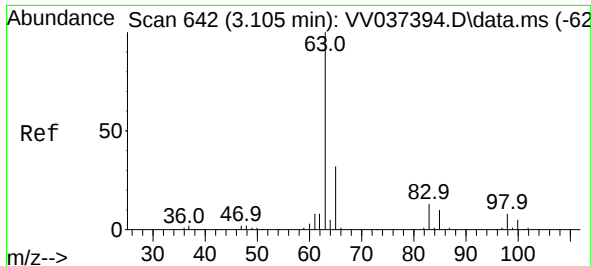
Tgt Ion:101 Resp: 5234
Ion Ratio Lower Upper
101 100
85 44.8 35.1 52.7
151 62.7 55.3 82.9



#12
1,1-Dichloroethene
Concen: 1.926 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion: 96 Resp: 41076
Ion Ratio Lower Upper
96 100
61 169.5 119.9 222.7
63 180.7 81.4 151.2#

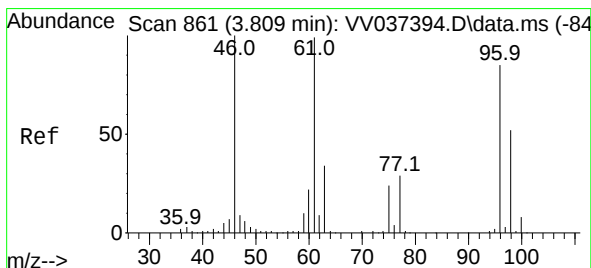
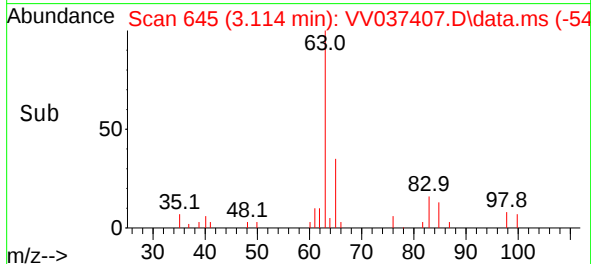
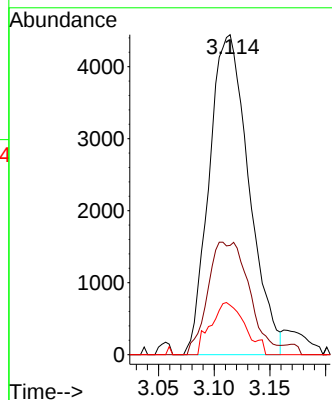
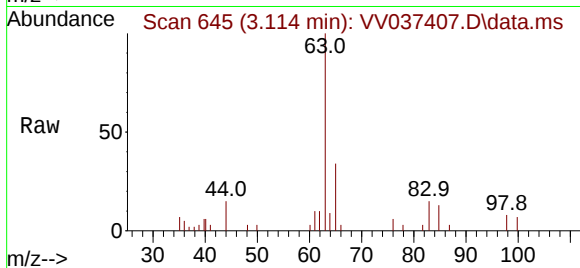




#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

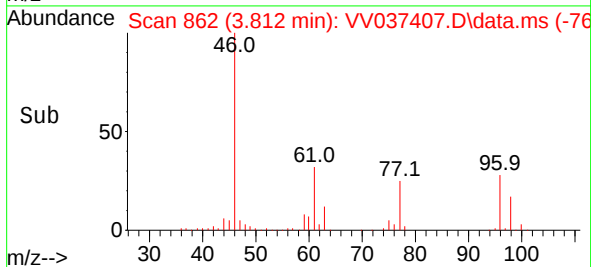
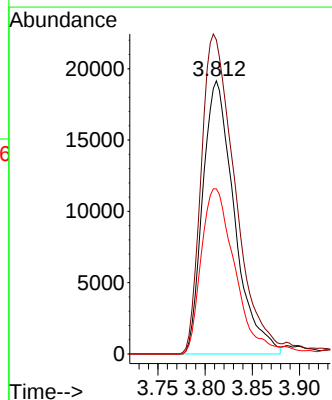
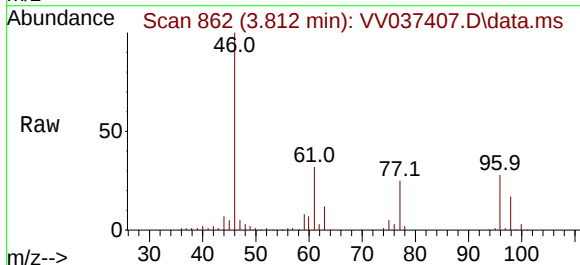
Instrument :
MSVOA_V
ClientSampleId :
C0B22

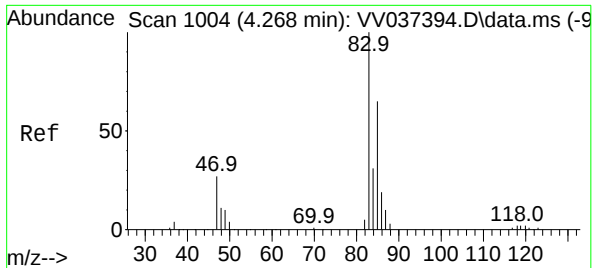
Tgt Ion: 63 Resp: 11009
Ion Ratio Lower Upper
63 100
65 34.2 22.5 41.7
83 15.4 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 1.834 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037407.D
Acq: 20 Sep 2024 01:54

Tgt Ion: 96 Resp: 44487
Ion Ratio Lower Upper
96 100
61 115.0 87.6 162.6
98 60.5 44.9 83.5





#25

Chloroform

Concen: 0.652 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037407.D

Acq: 20 Sep 2024 01:54

Instrument :

MSVOA_V

ClientSampleId :

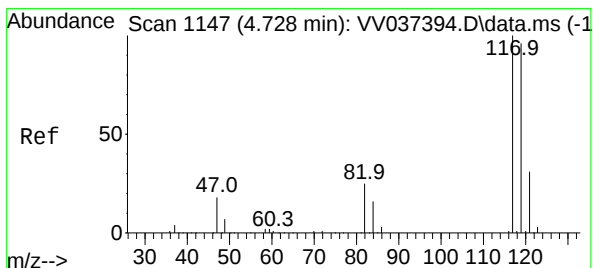
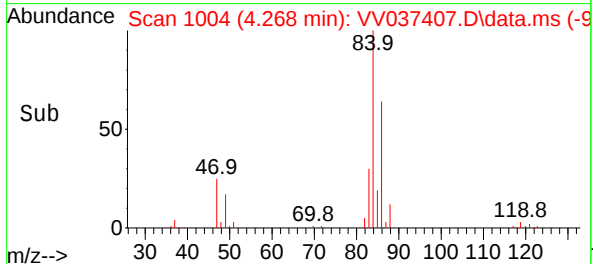
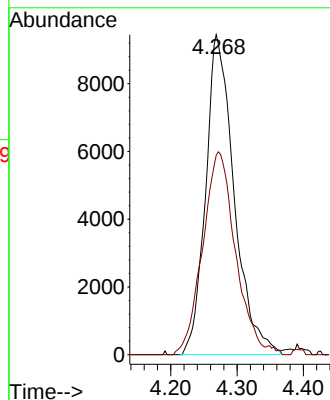
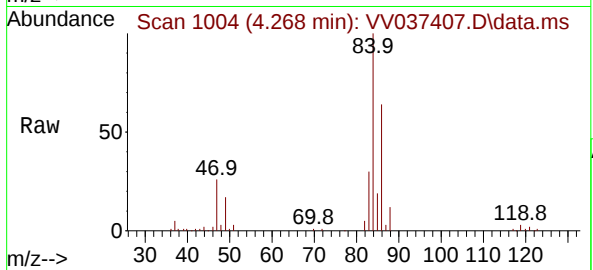
C0B22

Tgt Ion: 83 Resp: 28163

Ion Ratio Lower Upper

83 100

85 62.3 43.8 81.4



#31

Carbon tetrachloride

Concen: 1.839 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV037407.D

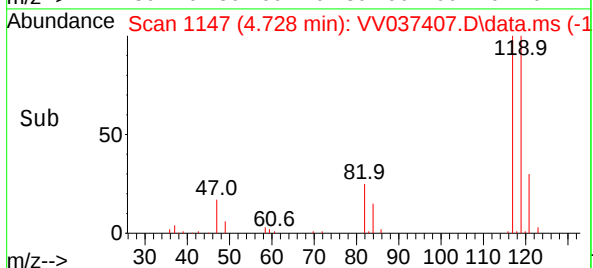
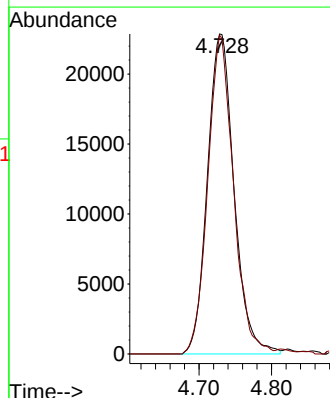
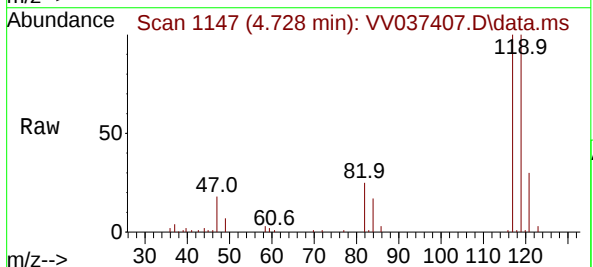
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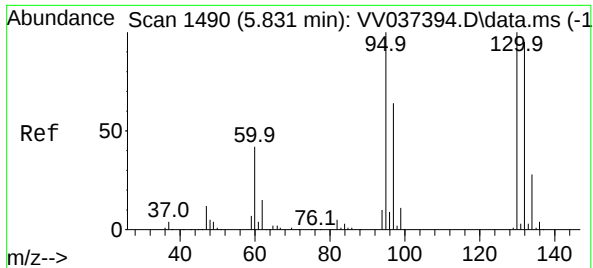
Tgt Ion: 117 Resp: 58418

Ion Ratio Lower Upper

117 100

119 95.9 76.2 114.4

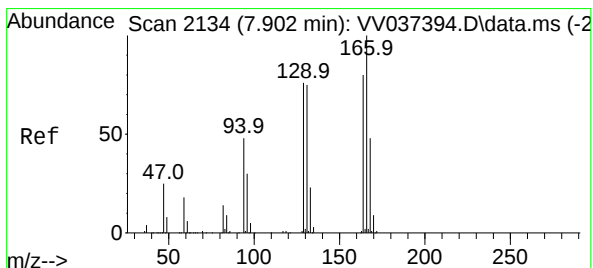
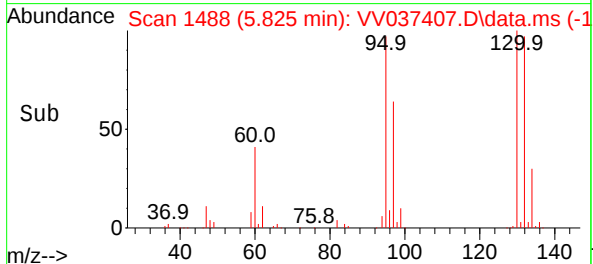
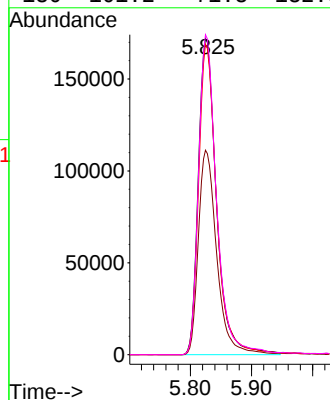
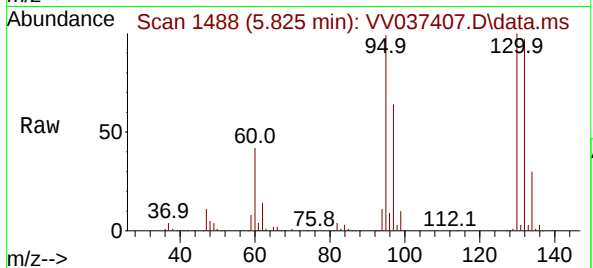




#34
 Trichloroethene
 Concen: 13.971 ug/L
 RT: 5.825 min Scan# 1490
 Delta R.T. -0.006 min
 Lab File: VV037407.D
 Acq: 20 Sep 2024 01:54

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B22

Tgt Ion: 95 Resp: 357062
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.5 86.5
 132 98.2 65.5 121.7
 130 101.2 71.3 132.3



#47
 Tetrachloroethene
 Concen: 5.726 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. -0.003 min
 Lab File: VV037407.D
 Acq: 20 Sep 2024 01:54

Tgt Ion: 164 Resp: 104739
 Ion Ratio Lower Upper
 164 100
 129 94.2 69.2 128.4
 131 89.9 66.6 123.8
 166 125.7 88.8 165.0

