

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
 Data File : VV034344.D
 Acq On : 22 Feb 2024 14:01
 Operator : SY/MD
 Sample : P1498-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

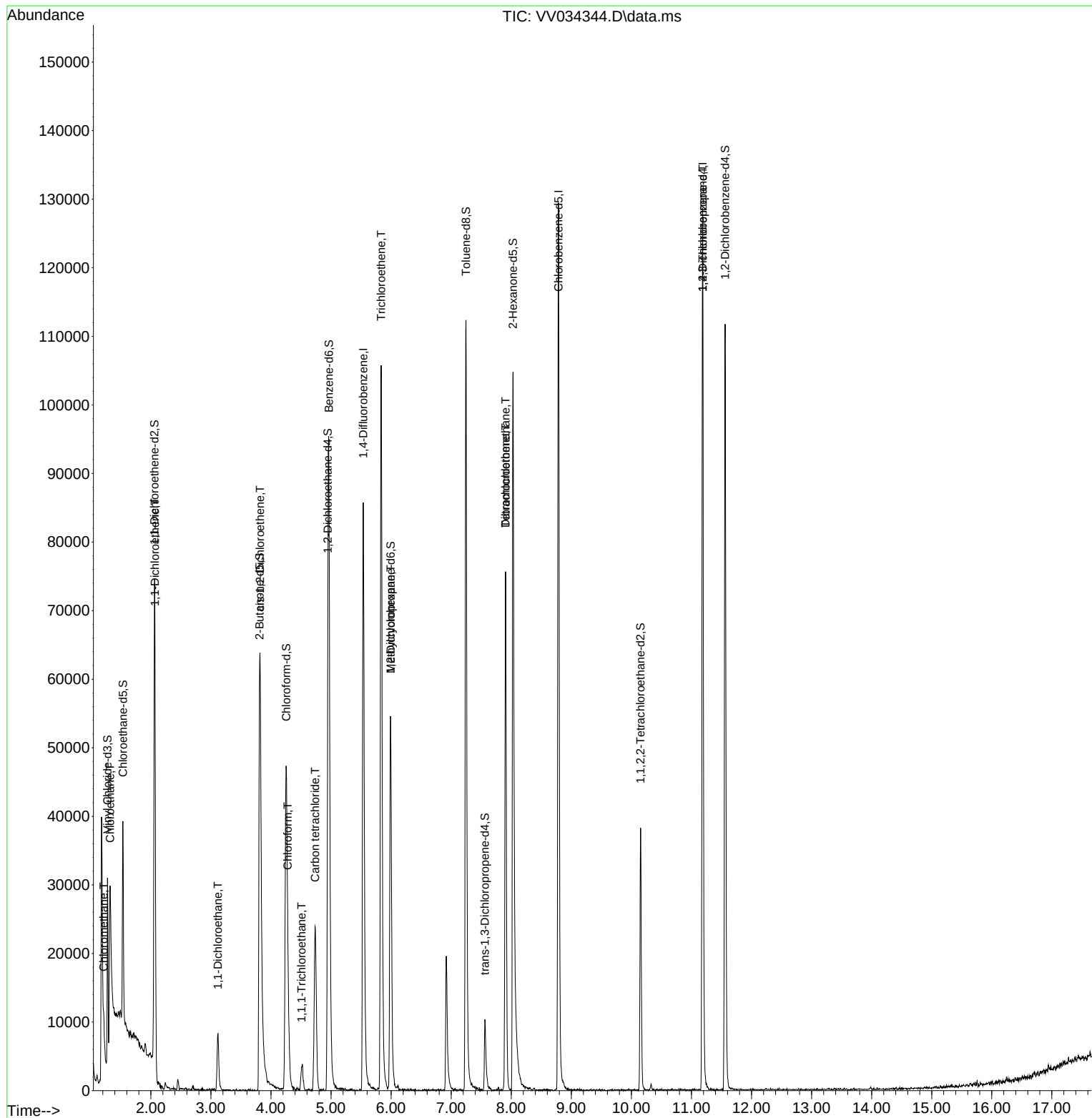
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75234	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18122	3.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.535	69	18094	3.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.060	65	9653	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.809	46	48273	49.330	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.660%
24) Chloroform-d	4.252	84	47977	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.947	65	24257	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.963	84	86348	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	25875	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.246	98	75012	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.561	79	7185	3.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.027	63	38098	48.331	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17717	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	29234	4.724	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2337	0.311	ug/L	98
8) Chloroethane	1.323	64	50005	10.200	ug/L #	53
12) 1,1-Dichloroethene	2.069	96	6508	1.238	ug/L #	16
19) 1,1-Dichloroethane	3.117	63	8412	0.855	ug/L #	82
22) cis-1,2-Dichloroethene	3.818	96	22997	3.786	ug/L	97
25) Chloroform	4.278	83	11023	1.109	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	1702	0.182	ug/L #	21
31) Carbon tetrachloride	4.735	117	18856	2.302	ug/L	99
34) Trichloroethene	5.834	95	36157	5.974	ug/L	96
35) Methylcyclohexane	5.992	83	6720	0.707	ug/L #	17
47) Tetrachloroethene	7.905	164	16574	3.370	ug/L	94
49) Dibromochloromethane	7.905	129	14747	3.967	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	3862	1.651	ug/L #	58

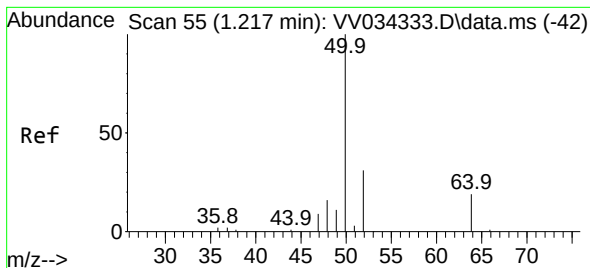
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
Data File : VV034344.D
Acq On : 22 Feb 2024 14:01
Operator : SY/MD
Sample : P1498-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 23 01:17:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.311 ug/L

RT: 1.217 min Scan# 50

Delta R.T. -0.000 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

Instrument :

MSVOA_V

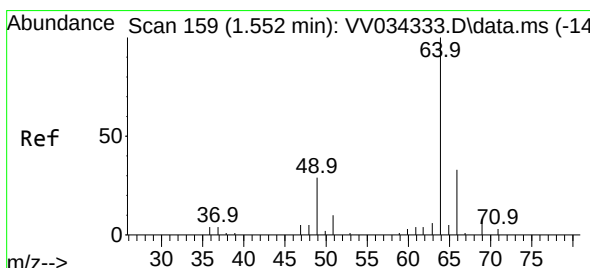
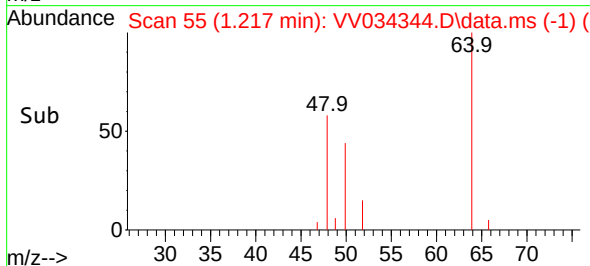
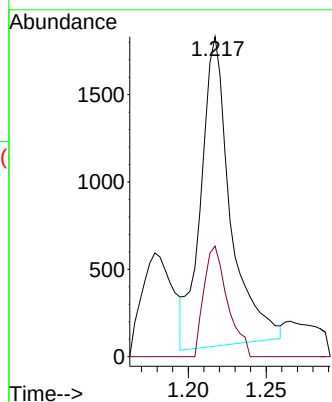
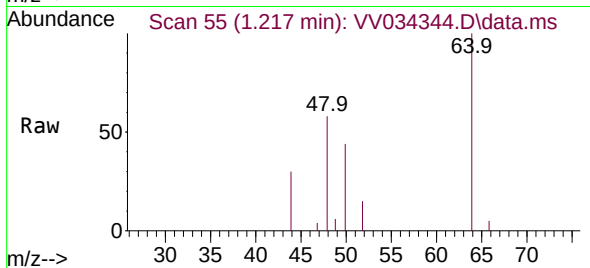
ClientSampleId :

Tgt Ion: 50 Resp: 2337

Ion Ratio Lower Upper

50 100

52 34.6 23.4 43.4



#8

Chloroethane

Concen: 10.200 ug/L

RT: 1.323 min Scan# 88

Delta R.T. -0.228 min

Lab File: VV034344.D

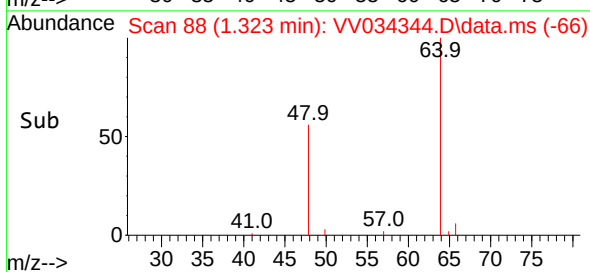
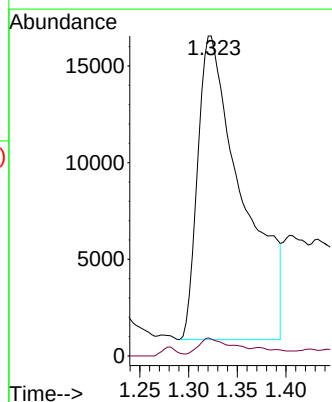
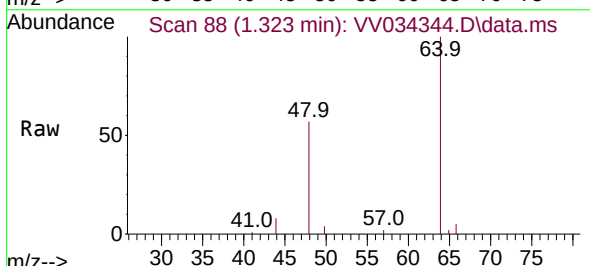
Acq: 22 Feb 2024 14:01

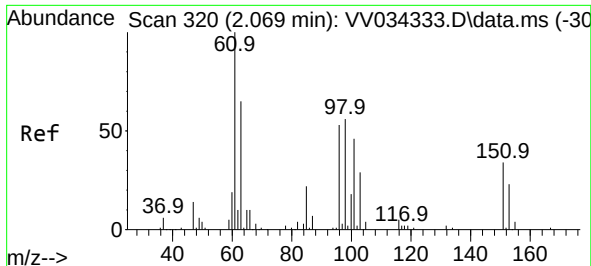
Tgt Ion: 64 Resp: 50005

Ion Ratio Lower Upper

64 100

66 5.3 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 1.238 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

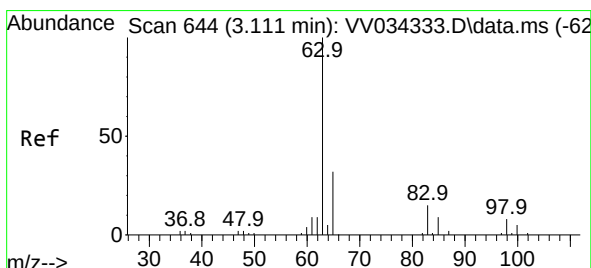
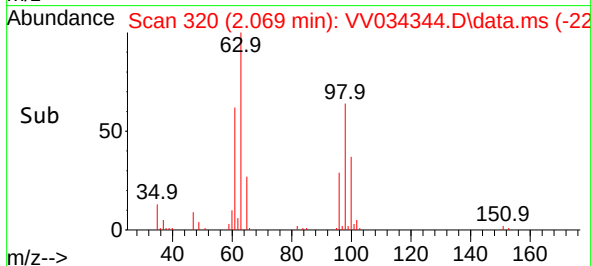
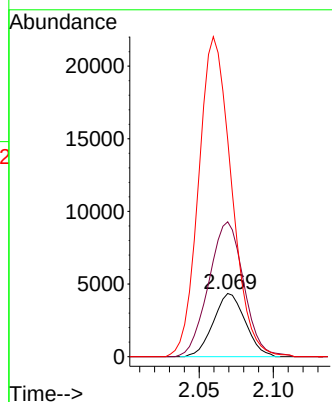
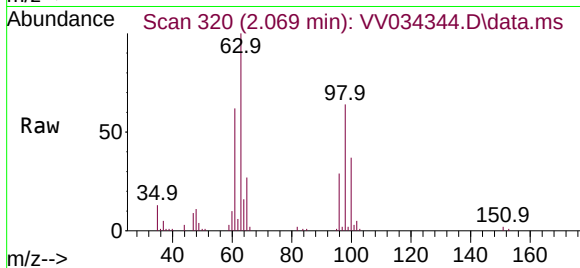
Tgt Ion: 96 Resp: 6508

Ion Ratio Lower Upper

96 100

61 213.1 128.8 239.2

63 343.0 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 0.855 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

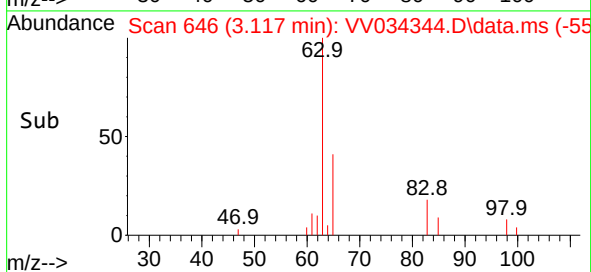
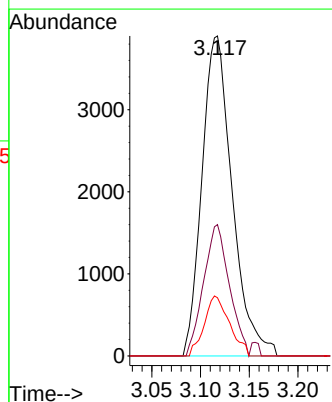
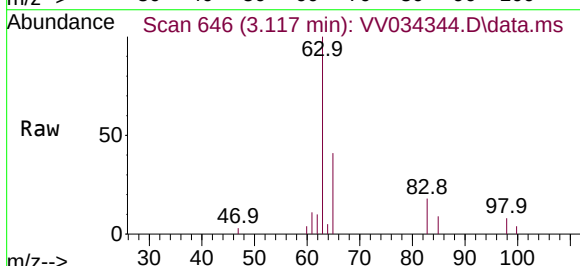
Tgt Ion: 63 Resp: 8412

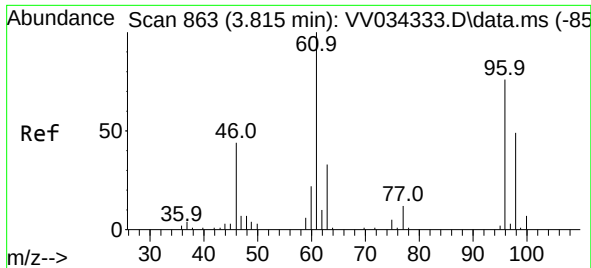
Ion Ratio Lower Upper

63 100

65 41.0 20.8 38.6#

83 18.2 9.4 17.4#





#22

cis-1,2-Dichloroethene

Concen: 3.786 ug/L

RT: 3.818 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

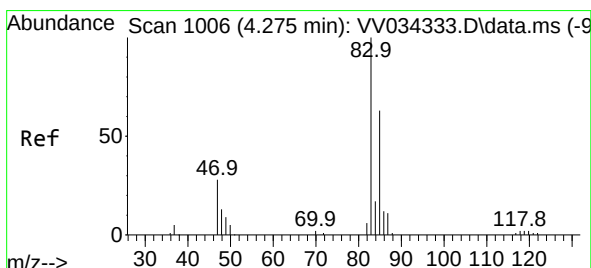
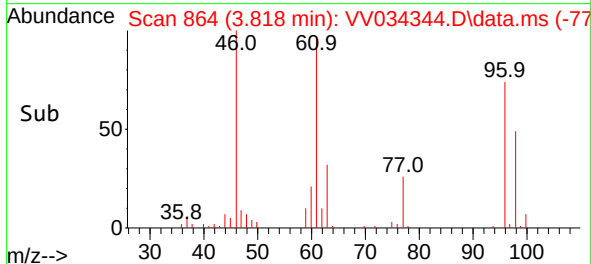
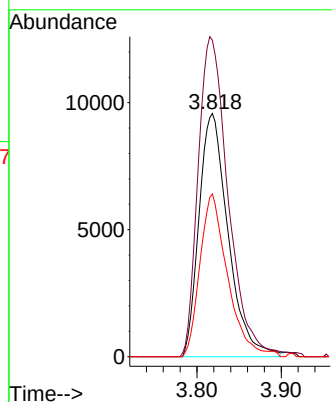
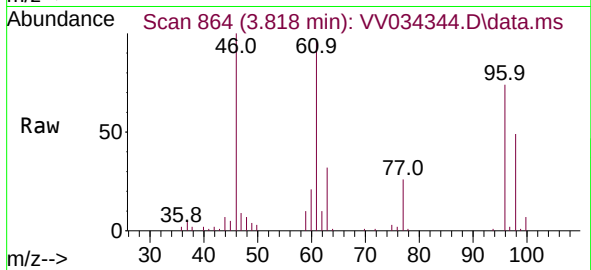
Tgt Ion: 96 Resp: 22997

Ion Ratio Lower Upper

96 100

61 130.1 90.3 167.7

98 67.0 43.2 80.2



#25

Chloroform

Concen: 1.109 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034344.D

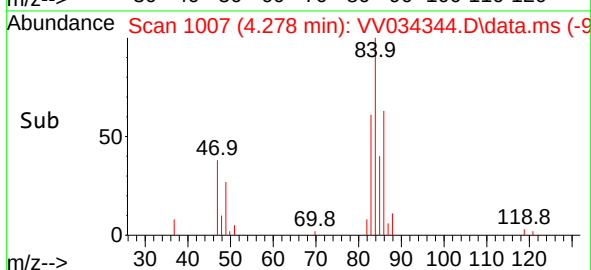
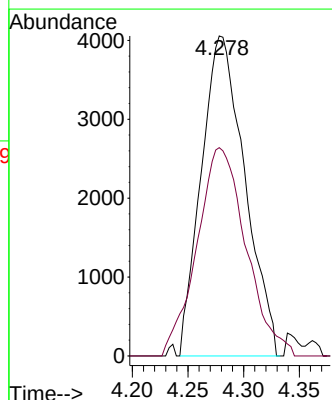
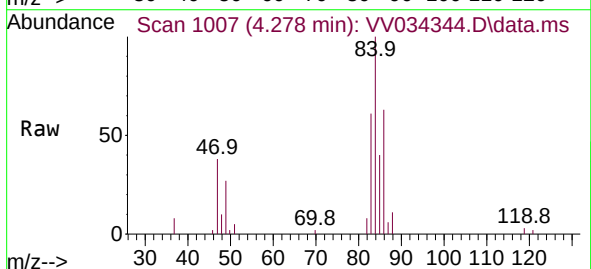
Acq: 22 Feb 2024 14:01

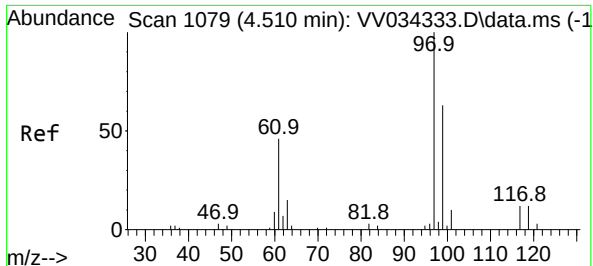
Tgt Ion: 83 Resp: 11023

Ion Ratio Lower Upper

83 100

85 65.1 47.5 88.1

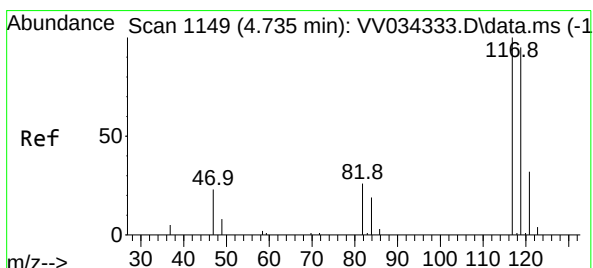
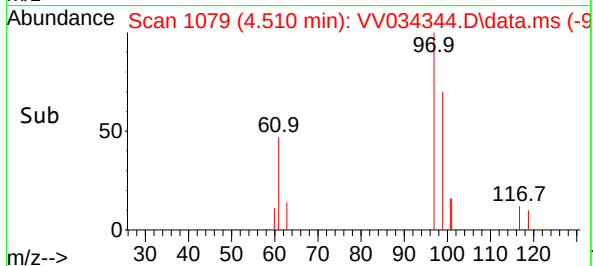
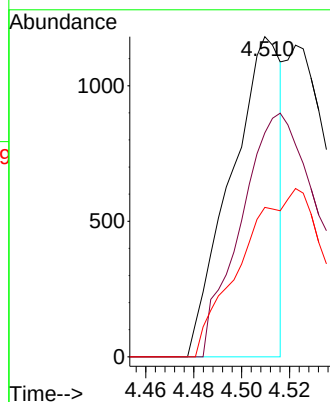
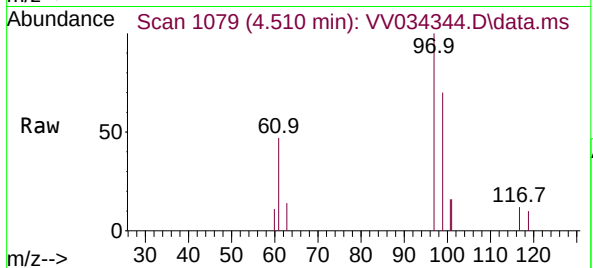




#29
1,1,1-Trichloroethane
Concen: 0.182 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV034344.D
Acq: 22 Feb 2024 14:01

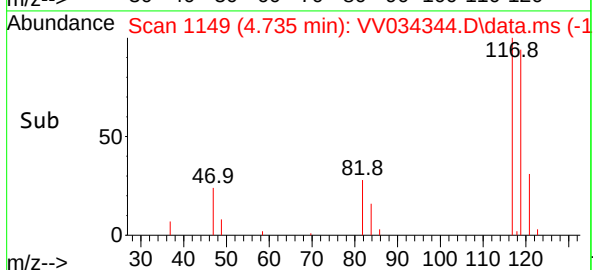
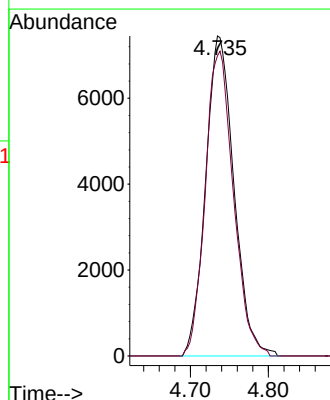
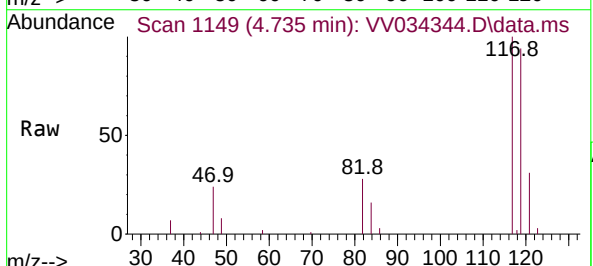
Instrument :
MSVOA_V
ClientSampleId :

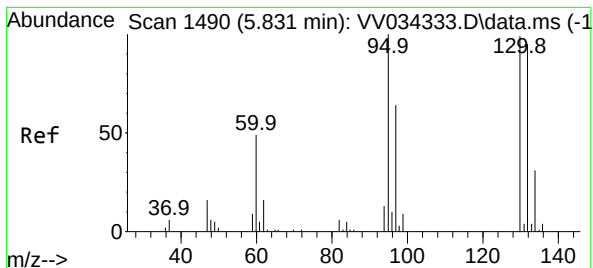
Tgt Ion: 97 Resp: 1702
Ion Ratio Lower Upper
97 100
99 128.4 50.6 75.8#
61 93.2 36.8 55.2#



#31
Carbon tetrachloride
Concen: 2.302 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034344.D
Acq: 22 Feb 2024 14:01

Tgt Ion: 117 Resp: 18856
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1





#34

Trichloroethene

Concen: 5.974 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36157

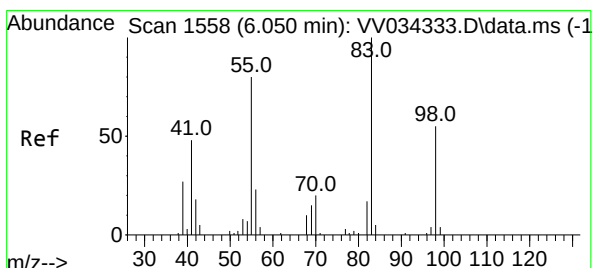
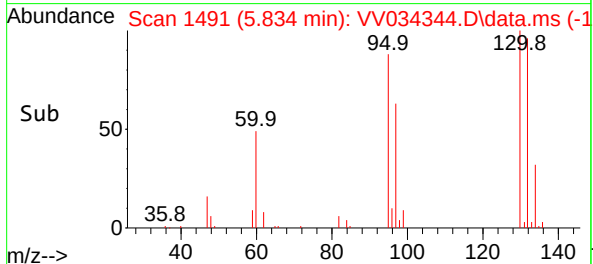
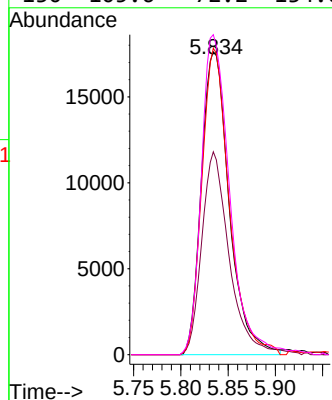
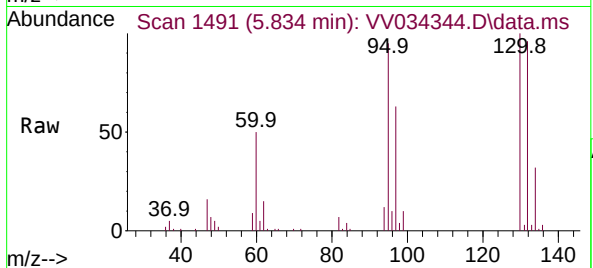
Ion Ratio Lower Upper

95 100

97 67.0 45.1 83.7

132 101.2 66.0 122.6

130 105.6 72.2 134.0



#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

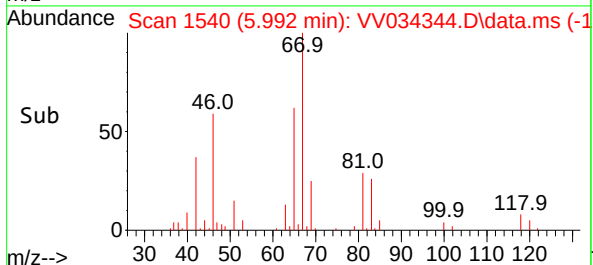
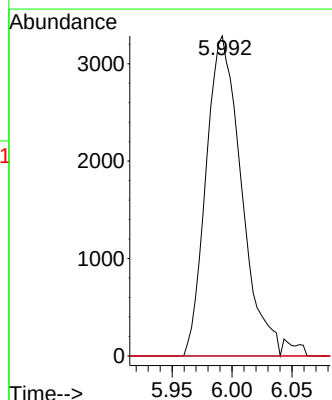
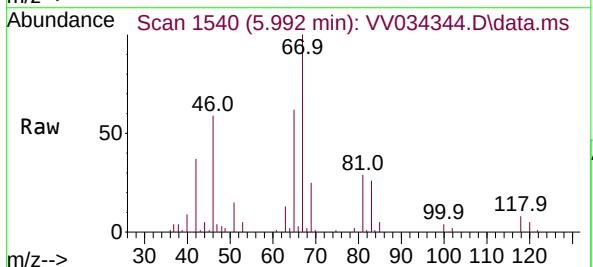
Tgt Ion: 83 Resp: 6720

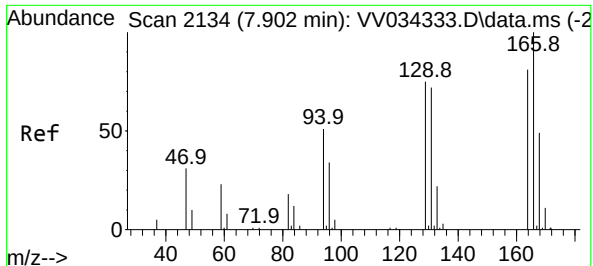
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#47

Tetrachloroethene

Concen: 3.370 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034344.D

Acq: 22 Feb 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 16574

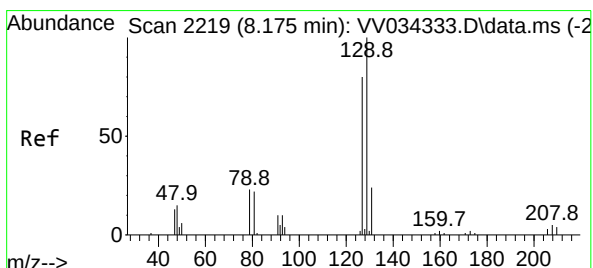
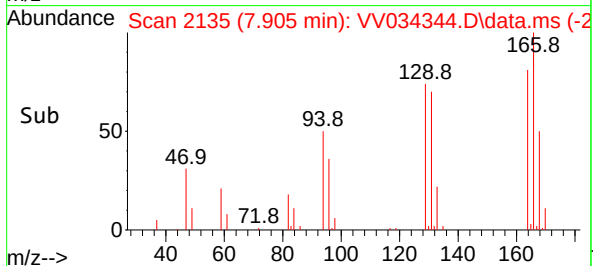
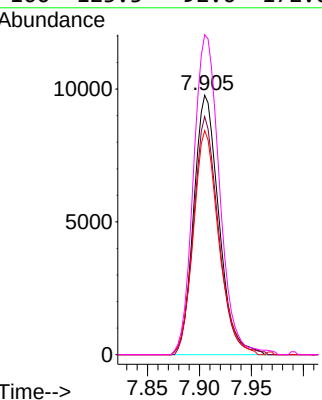
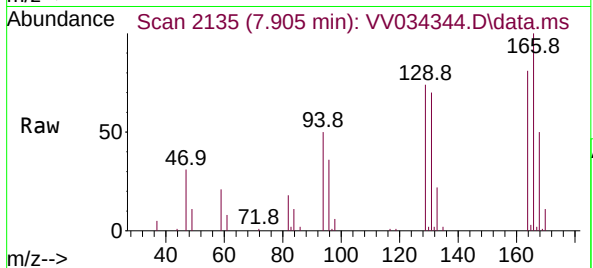
Ion Ratio Lower Upper

164 100

129 91.7 67.8 125.8

131 86.3 63.0 117.0

166 123.3 92.6 172.0



#49

Dibromochloromethane

Concen: 3.967 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034344.D

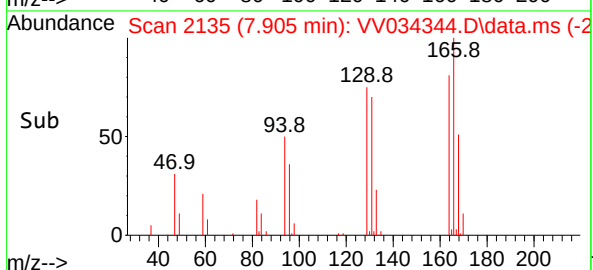
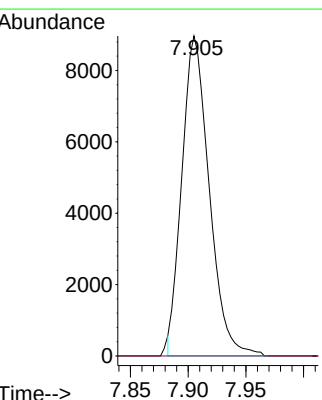
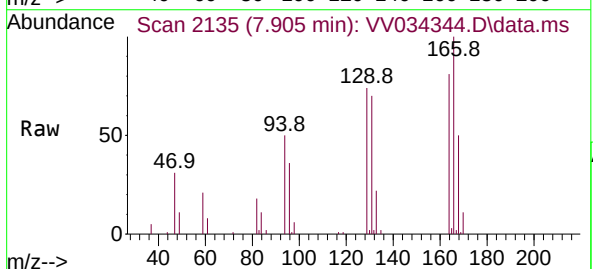
Acq: 22 Feb 2024 14:01

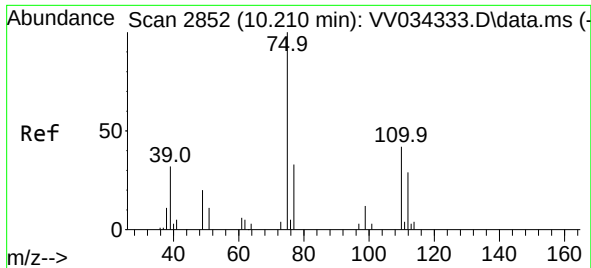
Tgt Ion:129 Resp: 14747

Ion Ratio Lower Upper

129 100

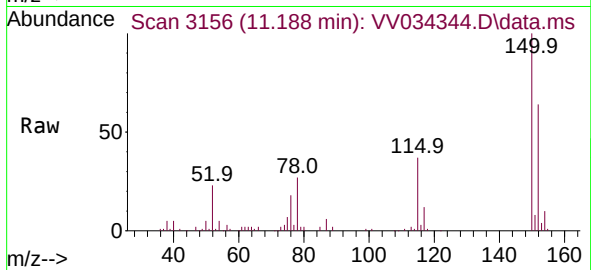
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.651 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV034344.D
 Acq: 22 Feb 2024 14:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 3862
 Ion Ratio Lower Upper
 75 100
 77 41.0 26.9 40.3#
 110 0.0 33.3 49.9#

