

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026396.D
 Acq On : 17 Jun 2022 21:40
 Operator : SY/MD
 Sample : N3278-03 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 01:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

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

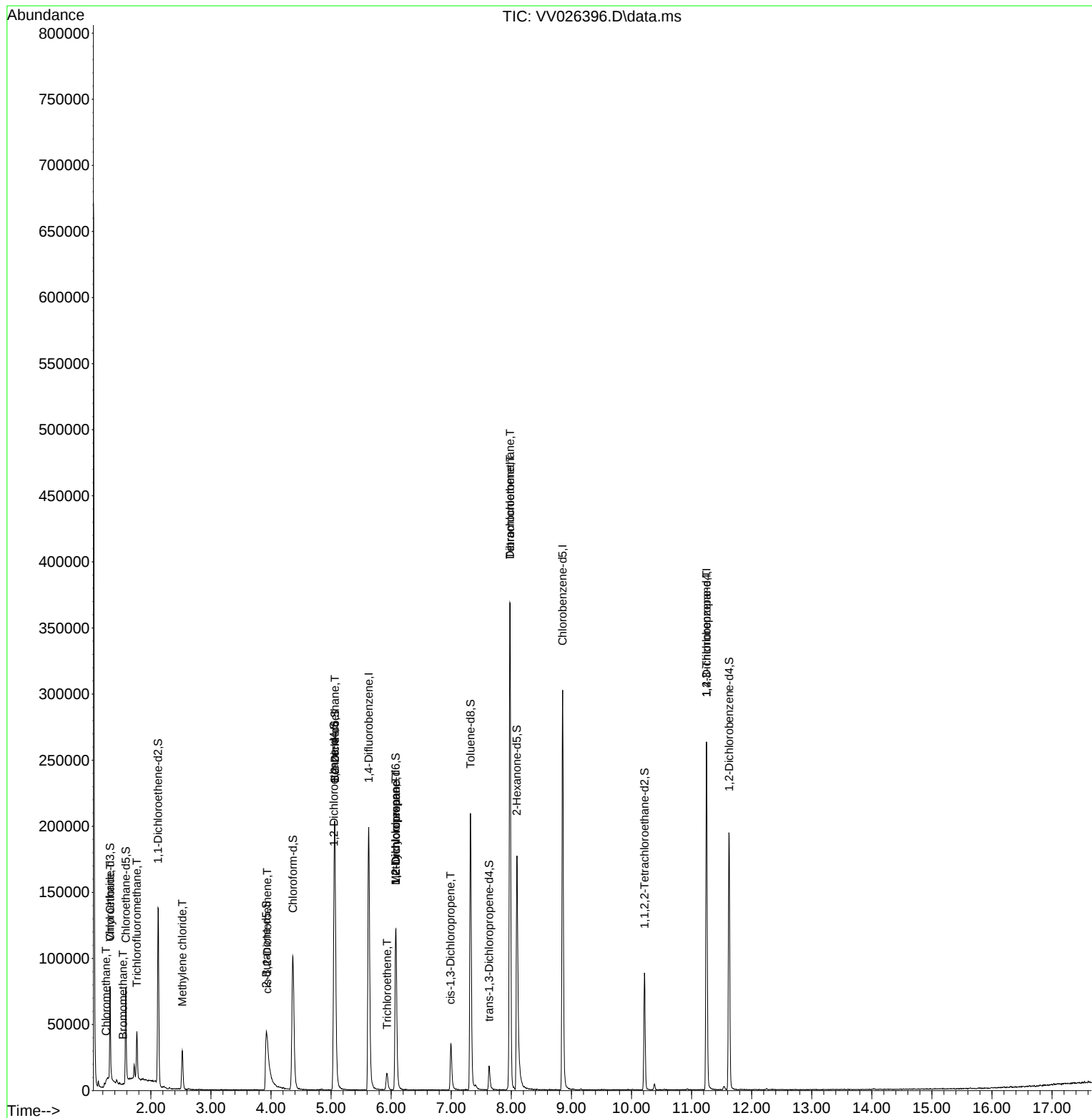
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	178322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	48578	3.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.584	69	46878	3.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.121	63	71571	2.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.800%#
20) 2-Butanone-d5	3.921	46	86586	57.292	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.580%
24) Chloroform-d	4.365	84	110827	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.047	65	44742	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.063	84	190137	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.075	67	63492	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	146486	3.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.632	79	11835	2.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.000%#
46) 2-Hexanone-d5	8.091	63	61625	46.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43366	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53326	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	752	0.051	ug/L #	64
6) Bromomethane	1.535	94	428	0.050	ug/L	98
8) Chloroethane	1.320	64	7740	0.810	ug/L	96
9) Trichlorofluoromethane	1.767	101	20974	0.987	ug/L	98
16) Methylene chloride	2.523	84	12912	0.898	ug/L	96
22) cis-1,2-Dichloroethene	3.937	96	639	0.058	ug/L #	60
27) 1,2-Dichloroethane	5.063	62	992	0.096	ug/L #	71
34) Trichloroethene	5.934	95	4491	0.370	ug/L	93
35) Methylcyclohexane	6.075	83	15403	0.918	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6564	0.565	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	923	0.070	ug/L #	70
47) Tetrachloroethene	7.979	164	83089	9.244	ug/L	97
49) Dibromochloromethane	7.979	129	75025	8.879	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8108	1.793	ug/L #	68

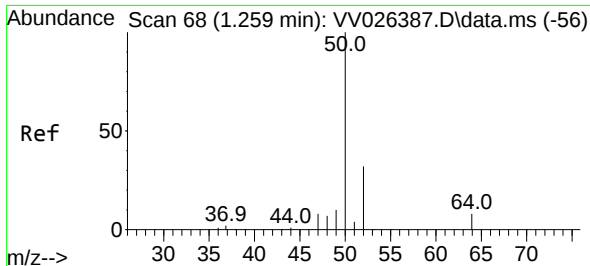
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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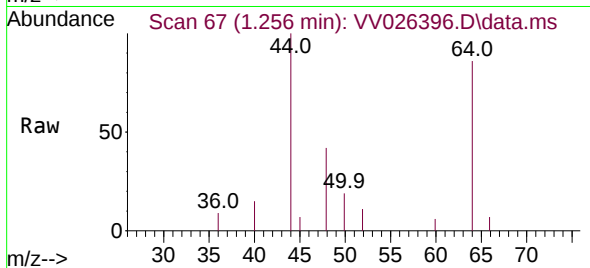
Quant Time: Jun 18 01:18:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
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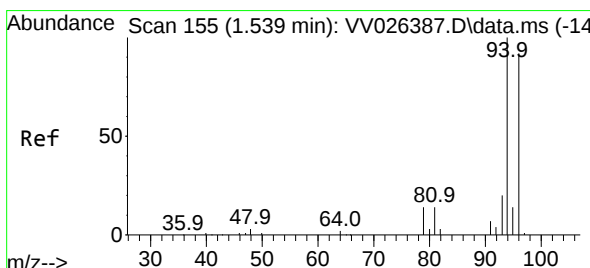
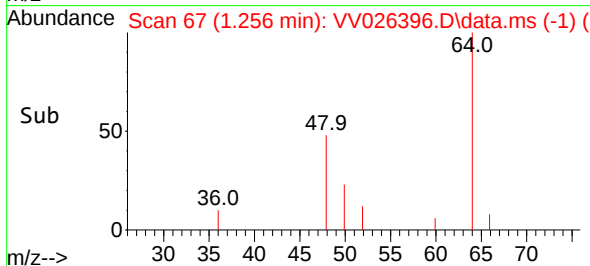
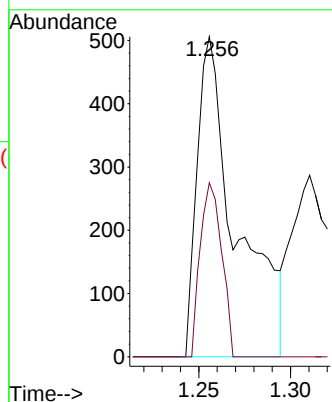


#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026396.D
Acq: 17 Jun 2022 21:40

Instrument :
MSVOA_V
ClientSampleId :

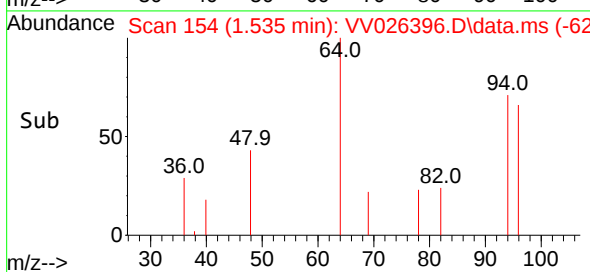
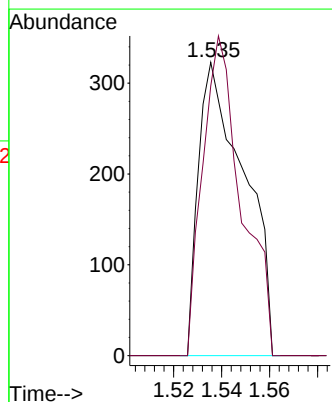
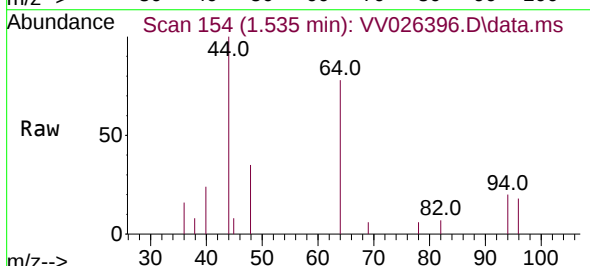


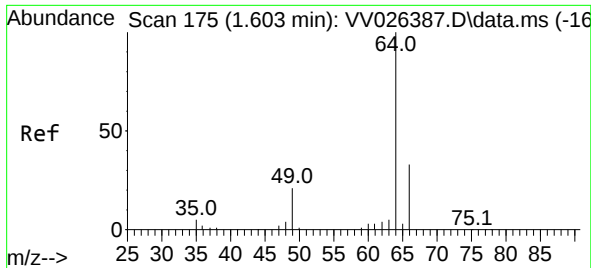
Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 54.3 23.7 44.1#



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.003 min
Lab File: VV026396.D
Acq: 17 Jun 2022 21:40

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 92.0 65.7 121.9





#8

Chloroethane

Concen: 0.810 ug/L

RT: 1.320 min Scan# 81

Delta R.T. -0.283 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Instrument :

MSVOA_V

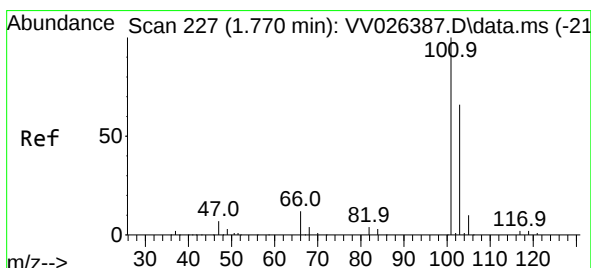
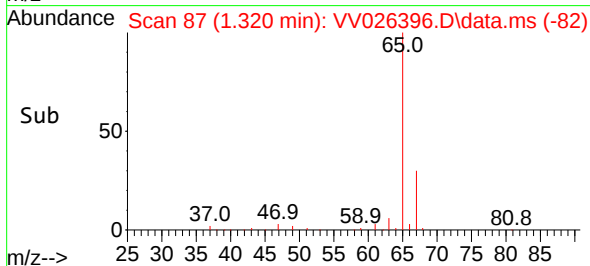
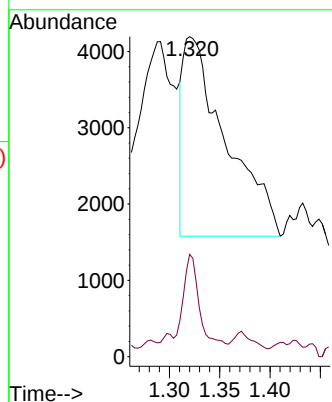
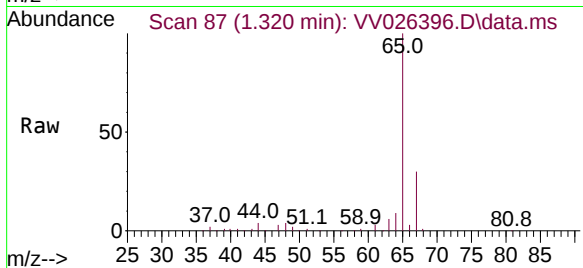
ClientSampleId :

Tgt Ion: 64 Resp: 7740

Ion Ratio Lower Upper

64 100

66 32.0 24.1 44.7



#9

Trichlorofluoromethane

Concen: 0.987 ug/L

RT: 1.767 min Scan# 226

Delta R.T. -0.003 min

Lab File: VV026396.D

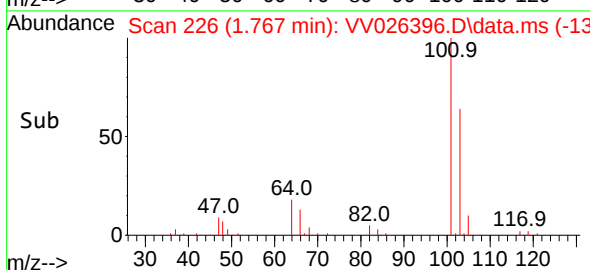
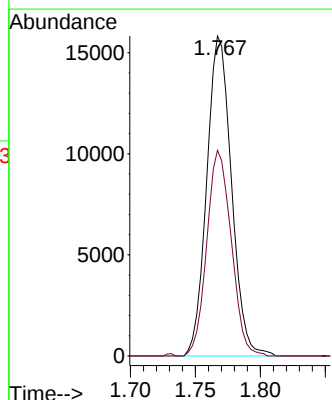
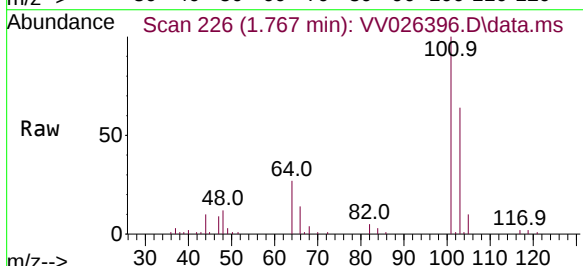
Acq: 17 Jun 2022 21:40

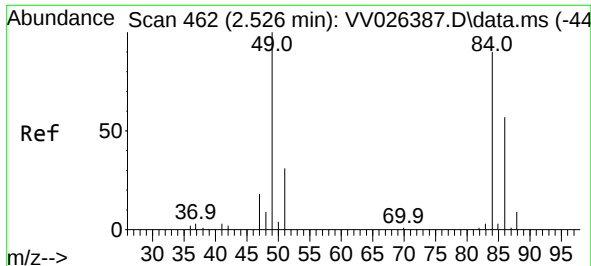
Tgt Ion:101 Resp: 20974

Ion Ratio Lower Upper

101 100

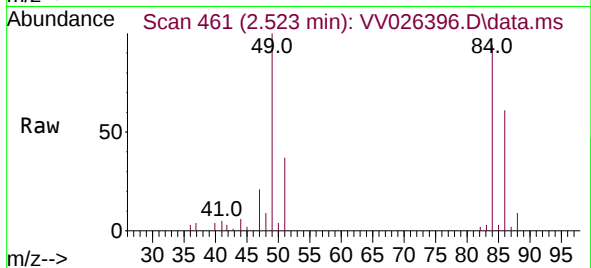
103 63.5 52.3 78.5



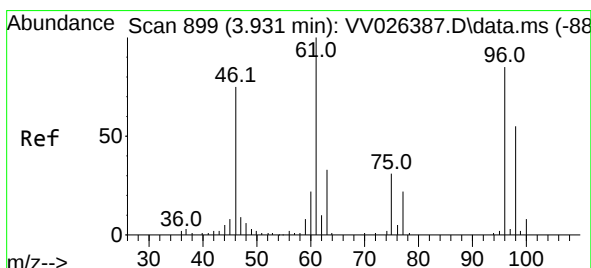
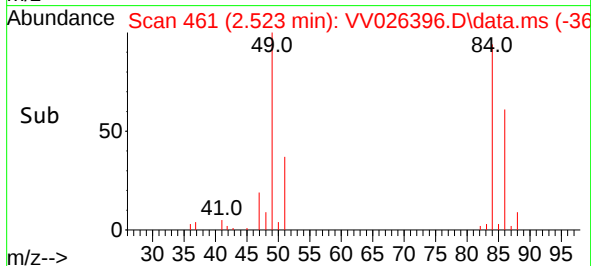
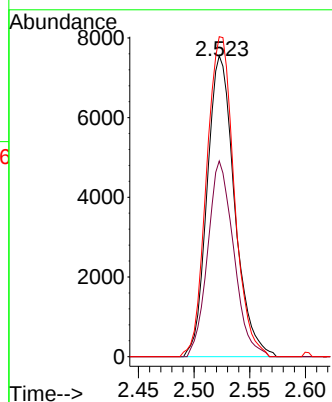


#16
Methylene chloride
Concen: 0.898 ug/L
RT: 2.523 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026396.D
Acq: 17 Jun 2022 21:40

Instrument :
MSVOA_V
ClientSampleId :

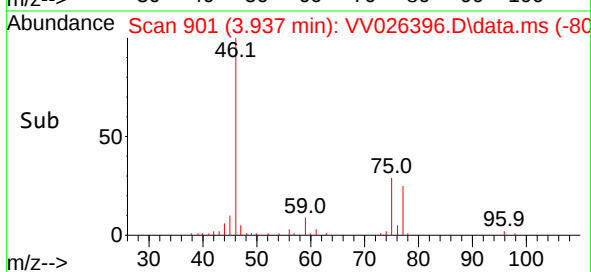
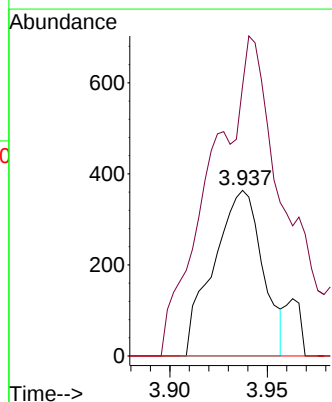
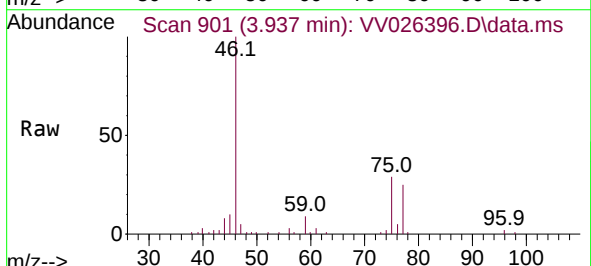


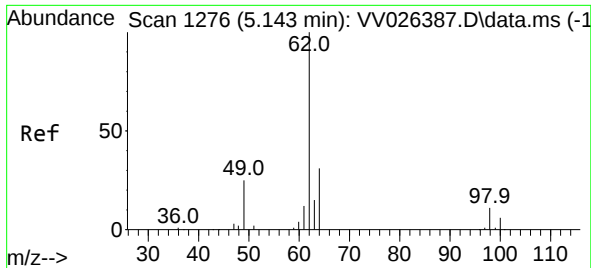
Tgt Ion: 84 Resp: 12912
Ion Ratio Lower Upper
84 100
86 65.0 44.0 81.8
49 106.3 77.3 143.7



#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 3.937 min Scan# 901
Delta R.T. 0.006 min
Lab File: VV026396.D
Acq: 17 Jun 2022 21:40

Tgt Ion: 96 Resp: 639
Ion Ratio Lower Upper
96 100
61 163.2 83.6 155.2#
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.063 min Scan# 1

Delta R.T. -0.081 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Instrument :

MSVOA_V

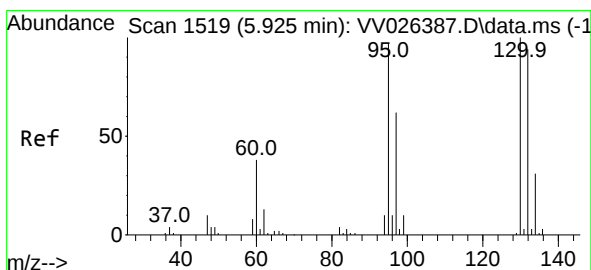
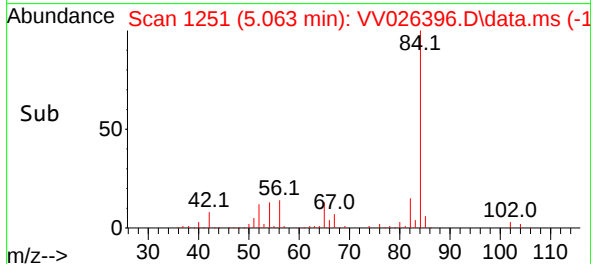
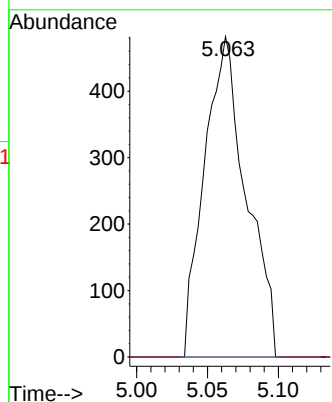
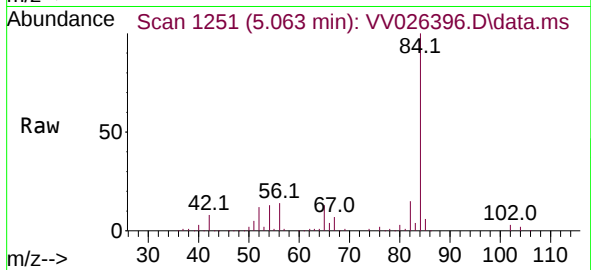
ClientSampleId :

Tgt Ion: 62 Resp: 992

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.370 ug/L

RT: 5.934 min Scan# 1522

Delta R.T. 0.009 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Tgt Ion: 95 Resp: 4491

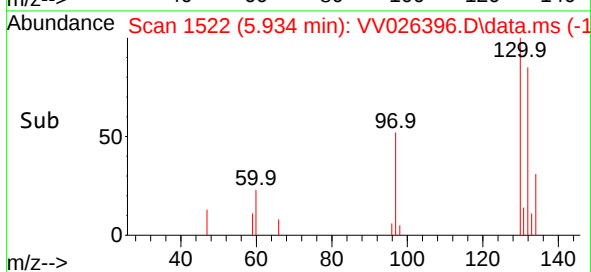
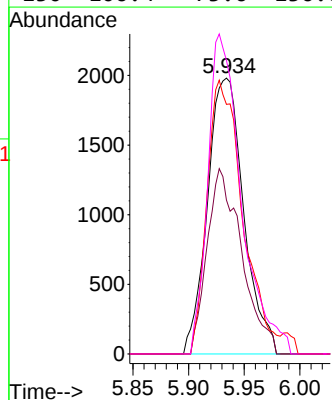
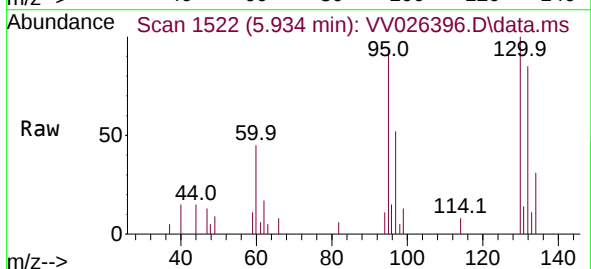
Ion Ratio Lower Upper

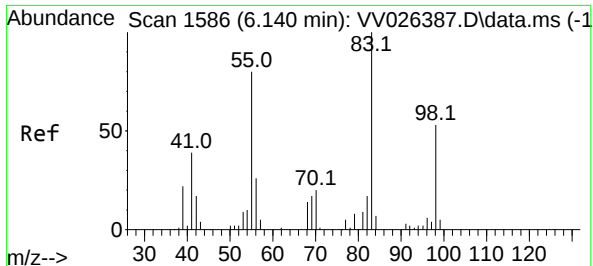
95 100

97 55.8 46.5 86.3

132 90.5 68.8 127.8

130 106.4 73.6 136.6





#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.064 min

Lab File: VV026396.D

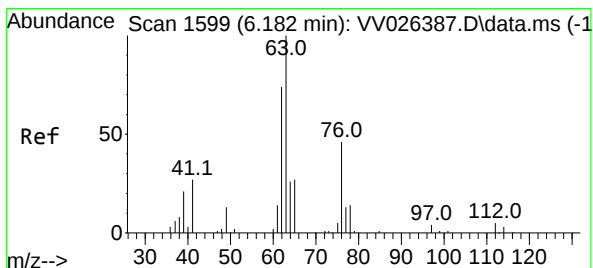
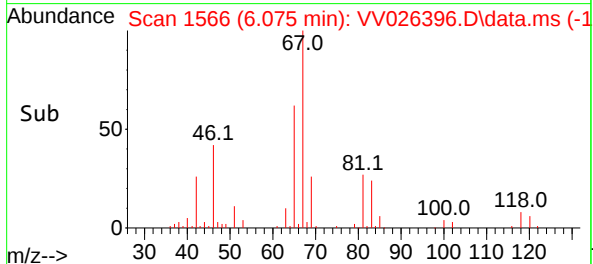
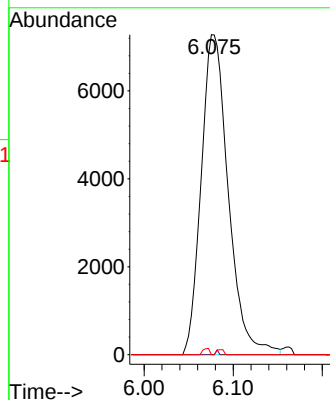
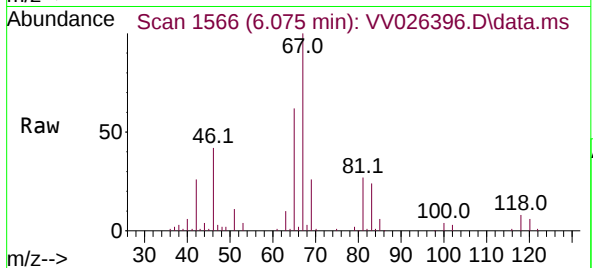
Acq: 17 Jun 2022 21:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15403
Ion Ratio	Lower Upper
83 100	
55 0.0	59.3 88.9#
98 0.5	39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

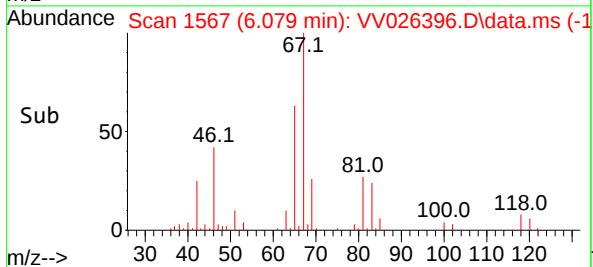
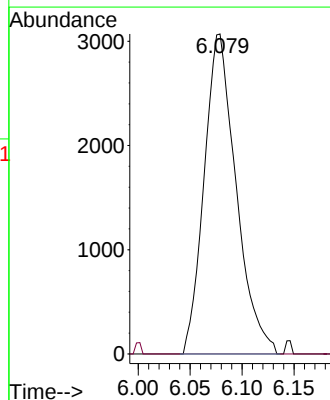
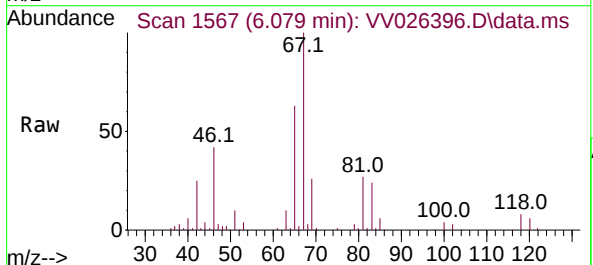
RT: 6.079 min Scan# 1567

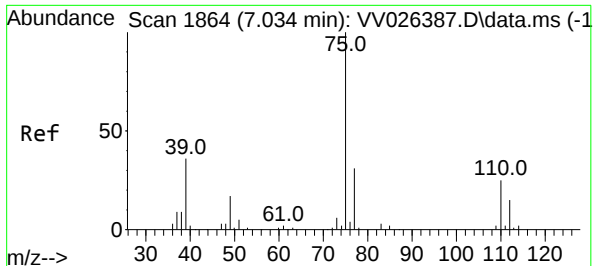
Delta R.T. -0.103 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Tgt Ion: 63	Resp: 6564
Ion Ratio	Lower Upper
63 100	
112 0.6	3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Instrument :

MSVOA_V

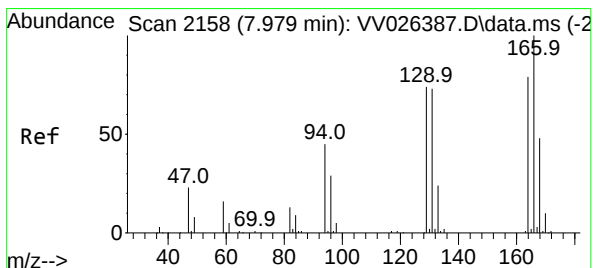
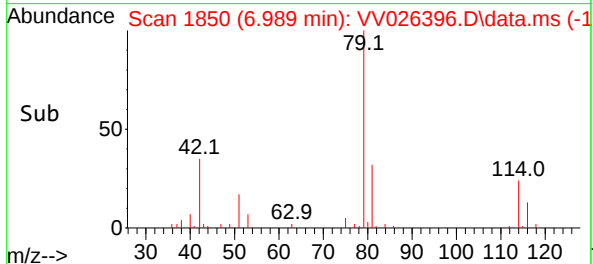
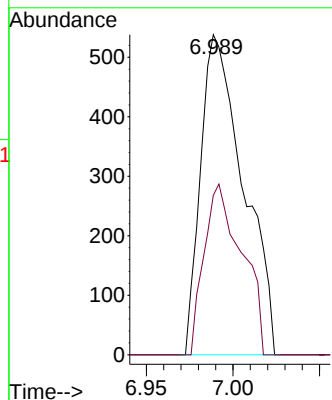
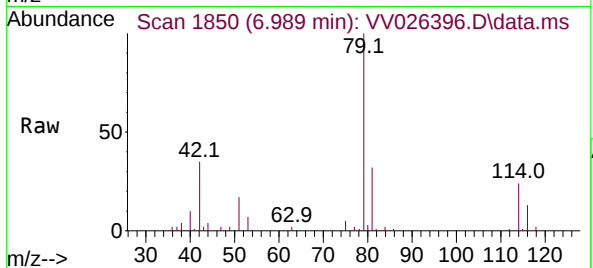
ClientSampleId :

Tgt Ion: 75 Resp: 923

Ion Ratio Lower Upper

75 100

77 49.8 23.0 42.6#



#47

Tetrachloroethene

Concen: 9.244 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Tgt Ion: 164 Resp: 83089

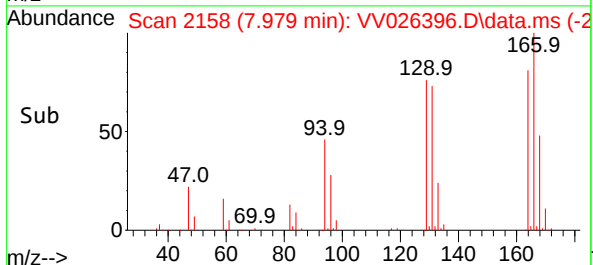
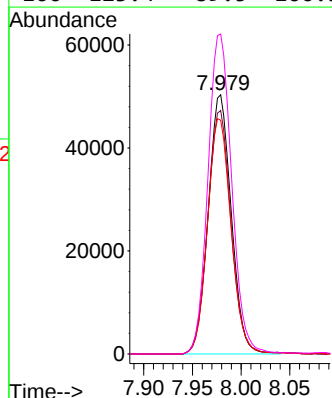
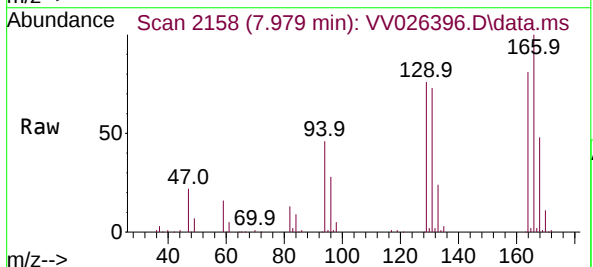
Ion Ratio Lower Upper

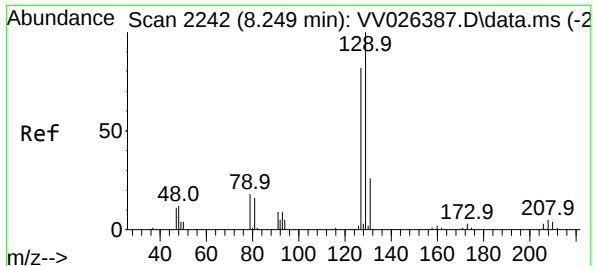
164 100

129 93.9 67.5 125.3

131 90.2 63.8 118.4

166 123.4 89.5 166.3





#49

Dibromochloromethane

Concen: 8.879 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Instrument :

MSVOA_V

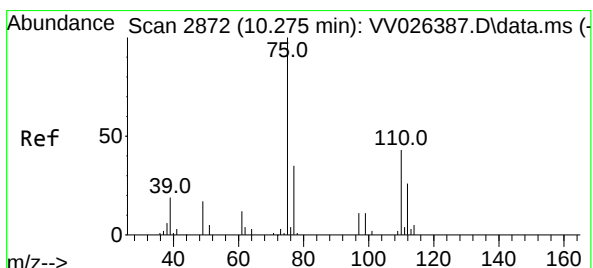
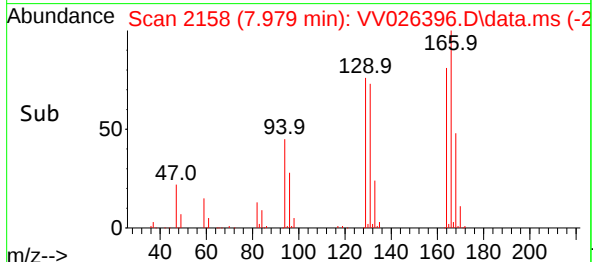
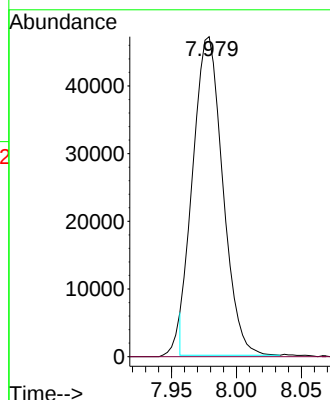
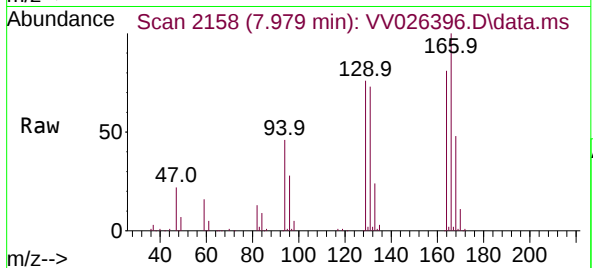
ClientSampleId :

Tgt Ion:129 Resp: 75025

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.793 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026396.D

Acq: 17 Jun 2022 21:40

Tgt Ion: 75 Resp: 8108

Ion Ratio Lower Upper

75 100

77 33.3 26.9 40.3

110 1.9 30.7 46.1#

