

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027517.D
 Acq On : 26 Aug 2022 00:48
 Operator : SY/MD
 Sample : N4367-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

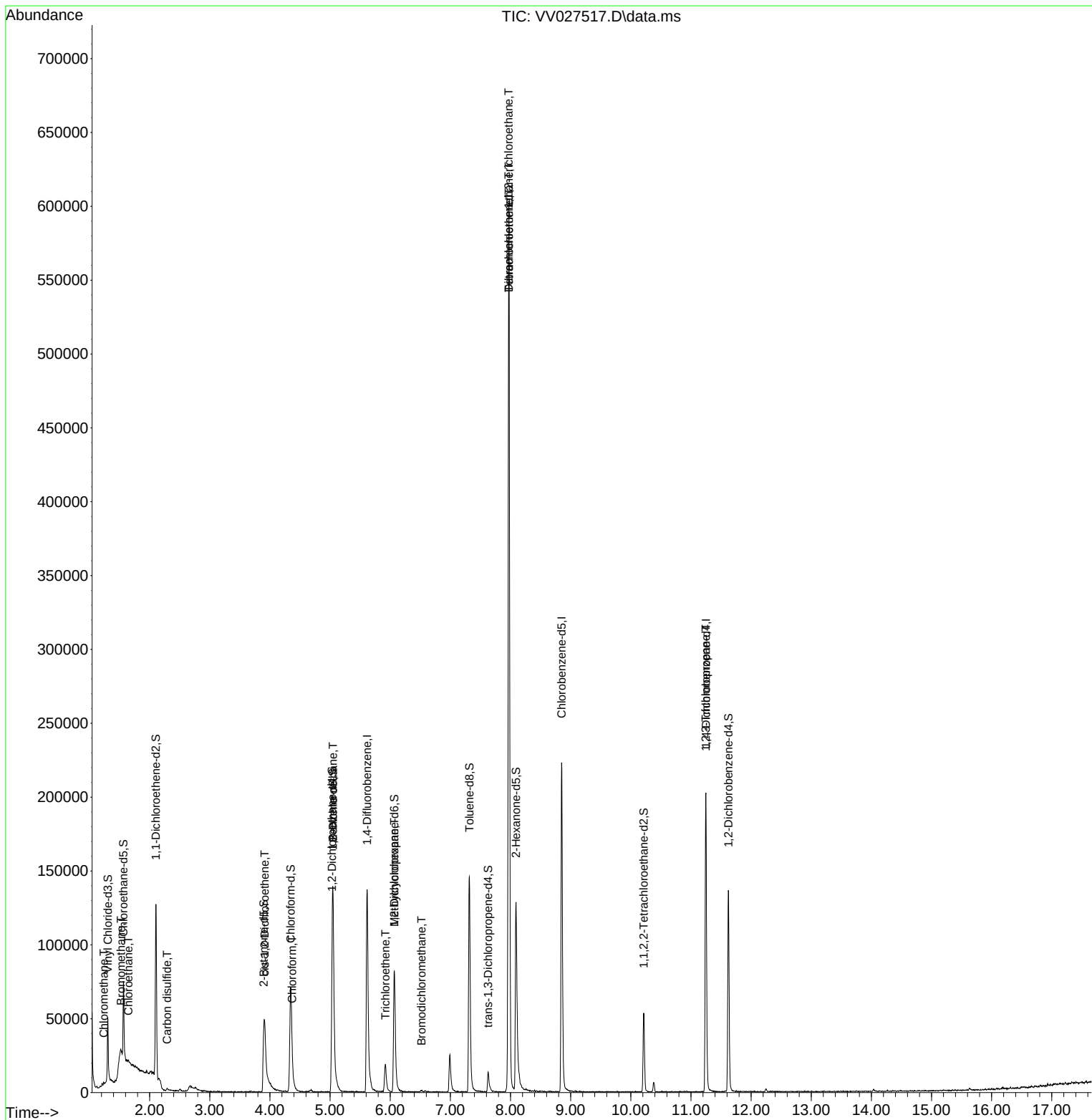
Quant Time: Aug 26 02:03:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

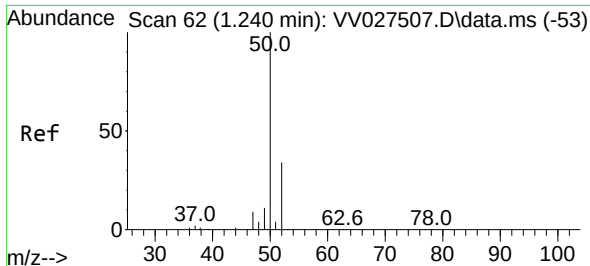
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126434	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32043	3.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.564	69	33725	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.105	63	61352	2.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.895	46	54289	48.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.960%
24) Chloroform-d	4.346	84	77386	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	34951	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.047	84	130033	3.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.069	67	40168	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.317	98	105459	3.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.628	79	8787	2.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.200%#
46) 2-Hexanone-d5	8.091	63	45358	40.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26266	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	35318	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1222	0.104	ug/L	98
6) Bromomethane	1.523	94	755	0.129	ug/L #	69
8) Chloroethane	1.648	64	880	0.128	ug/L #	49
14) Carbon disulfide	2.291	76	1812	0.069	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	15471	1.473	ug/L	95
25) Chloroform	4.371	83	4034	0.182	ug/L	94
27) 1,2-Dichloroethane	5.050	62	730	0.065	ug/L #	74
34) Trichloroethene	5.921	95	7190	0.659	ug/L	90
35) Methylcyclohexane	6.069	83	9952	0.648	ug/L #	15
38) Bromodichloromethane	6.522	83	1075	0.077	ug/L #	73
45) 1,1,2-Trichloroethane	7.969	97	1100	0.156	ug/L #	8
47) Tetrachloroethene	7.972	164	132594	15.598	ug/L	97
49) Dibromochloromethane	7.972	129	121542	13.984	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6540	1.363	ug/L #	68

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

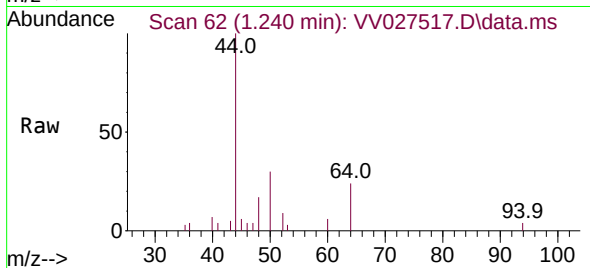
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 26 01:50:00 2022
Response via : Initial Calibration



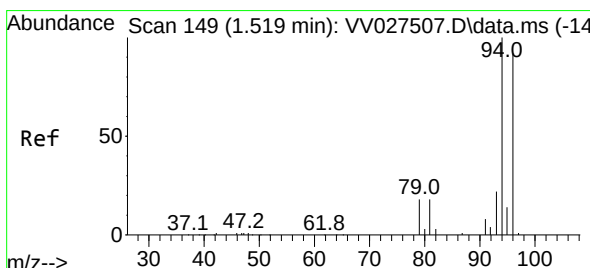
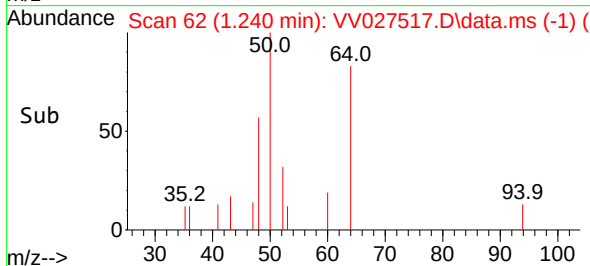
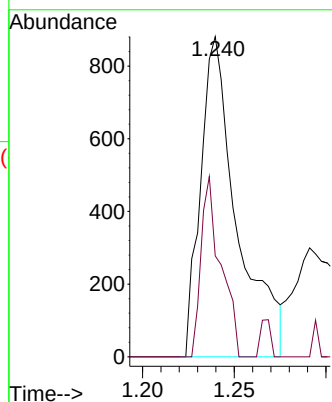


#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

Instrument :
MSVOA_V
ClientSampleId :

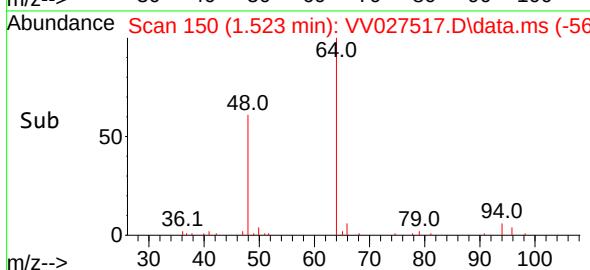
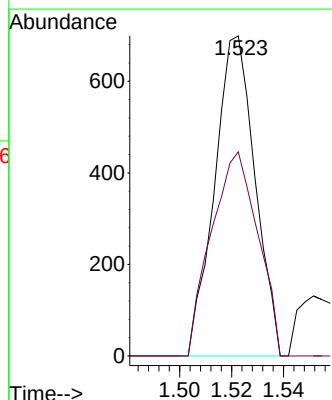
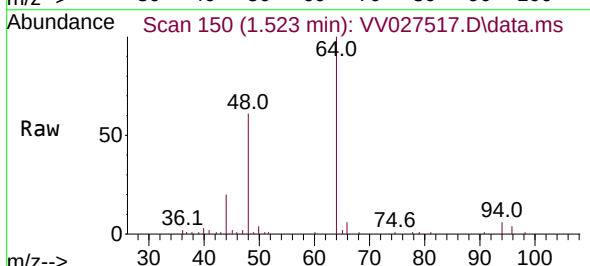


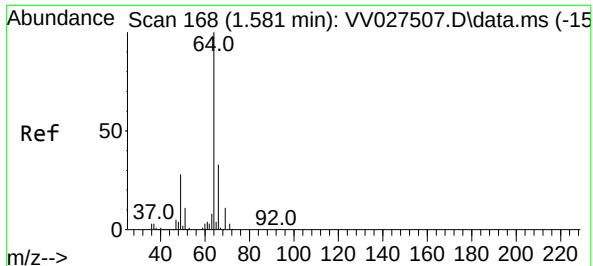
Tgt Ion: 50 Resp: 1222
Ion Ratio Lower Upper
50 100
52 31.6 22.8 42.4



#6
Bromomethane
Concen: 0.129 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

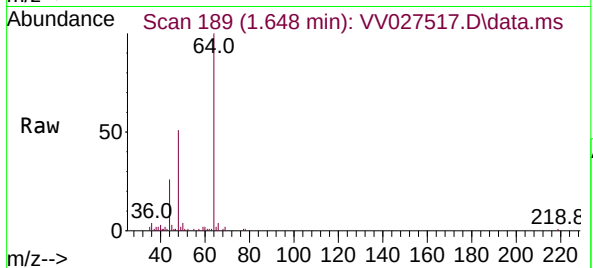
Tgt Ion: 94 Resp: 755
Ion Ratio Lower Upper
94 100
96 63.8 65.2 121.0#



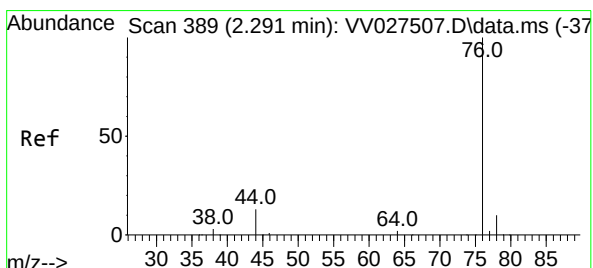
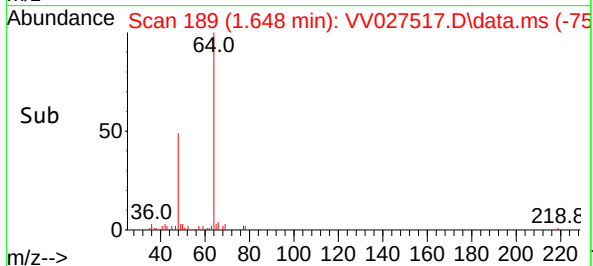
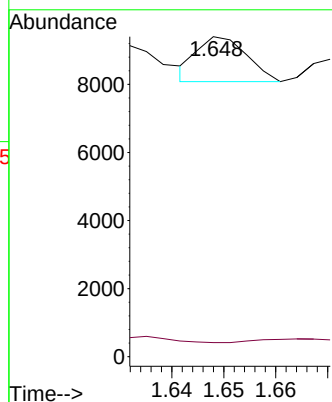


#8
Chloroethane
Concen: 0.128 ug/L
RT: 1.648 min Scan# 11
Delta R.T. 0.067 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

Instrument :
MSVOA_V
ClientSampleId :

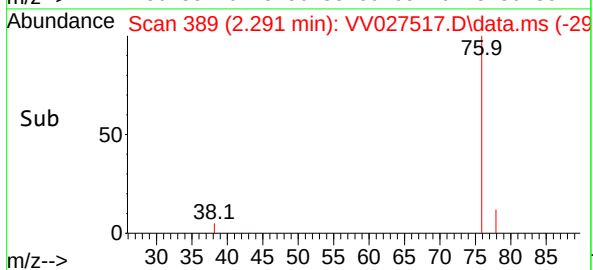
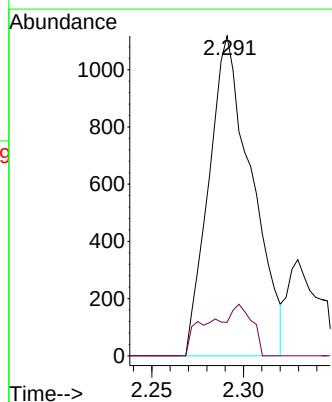
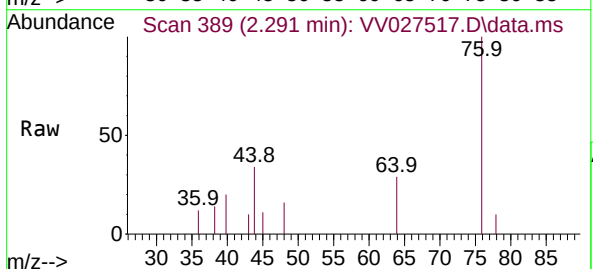


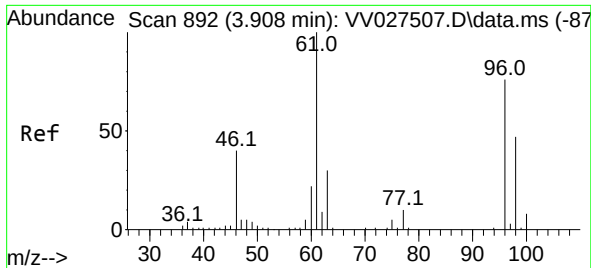
Tgt Ion: 64 Resp: 880
Ion Ratio Lower Upper
64 100
66 4.4 23.3 43.3#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

Tgt Ion: 76 Resp: 1812
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

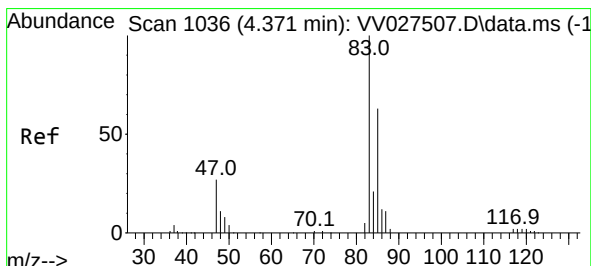
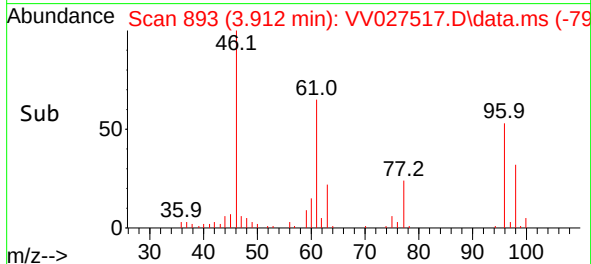
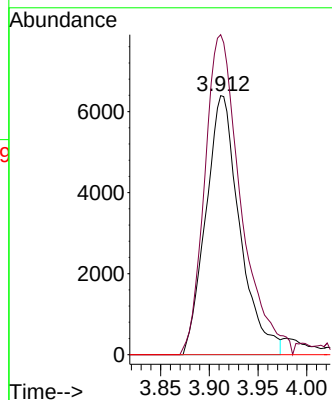
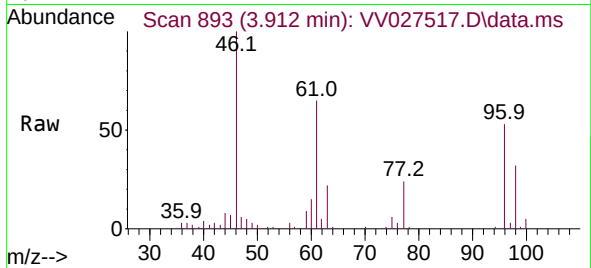




#22
 cis-1,2-Dichloroethene
 Concen: 1.473 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV027517.D
 Acq: 26 Aug 2022 00:48

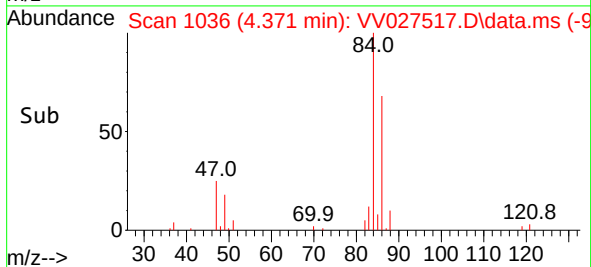
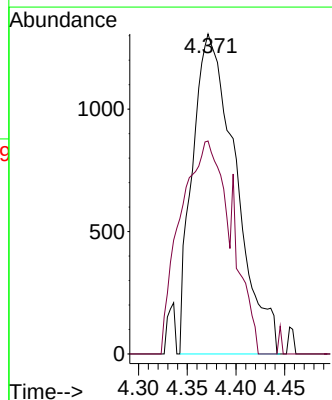
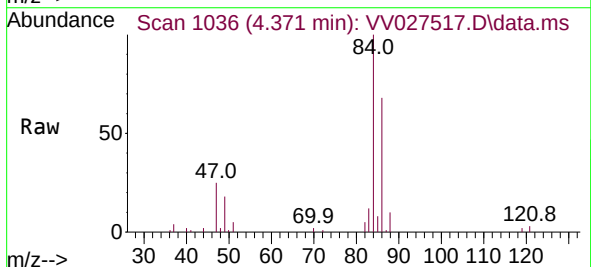
Instrument :
 MSVOA_V
 ClientSampleId :

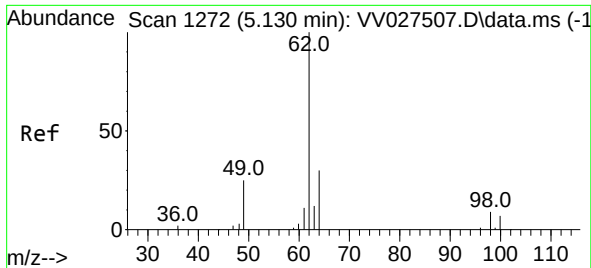
Tgt Ion: 96 Resp: 15471
 Ion Ratio Lower Upper
 96 100
 61 123.6 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.182 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV027517.D
 Acq: 26 Aug 2022 00:48

Tgt Ion: 83 Resp: 4034
 Ion Ratio Lower Upper
 83 100
 85 66.6 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV027517.D

Acq: 26 Aug 2022 00:48

Instrument :

MSVOA_V

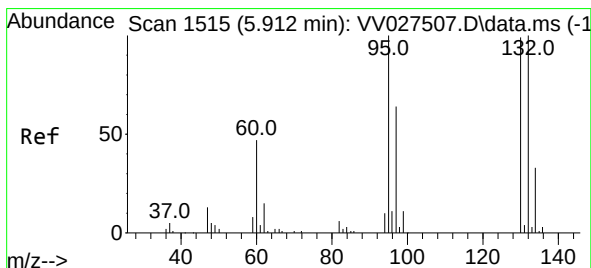
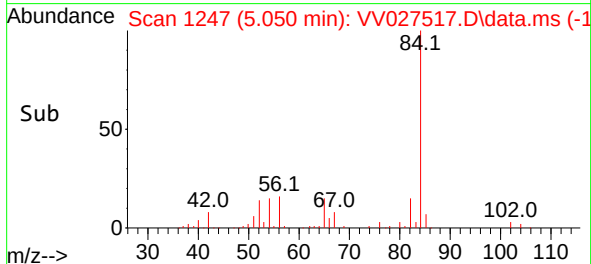
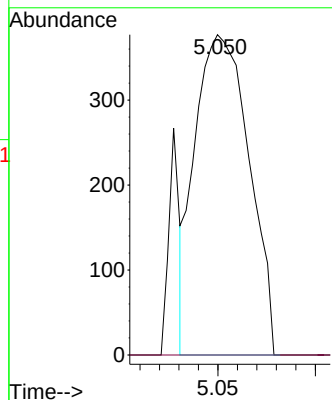
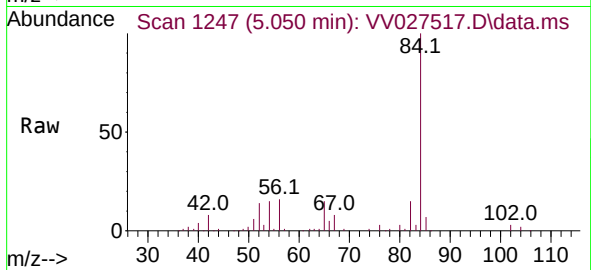
ClientSampleId :

Tgt Ion: 62 Resp: 730

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#34

Trichloroethene

Concen: 0.659 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV027517.D

Acq: 26 Aug 2022 00:48

Tgt Ion: 95 Resp: 7190

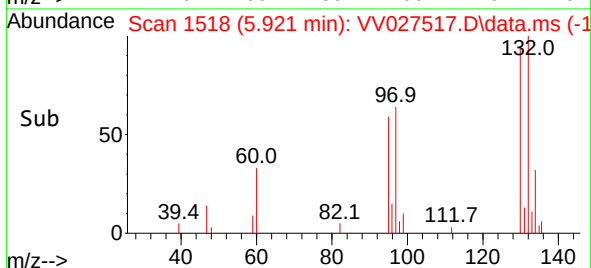
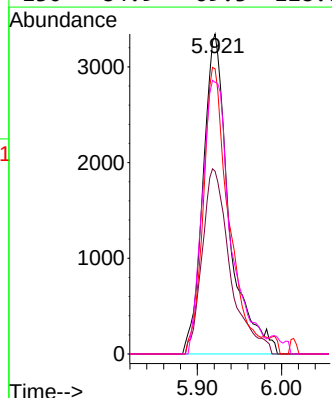
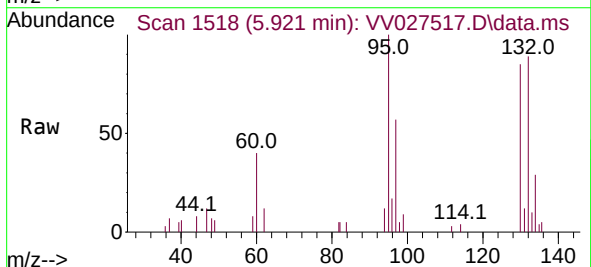
Ion Ratio Lower Upper

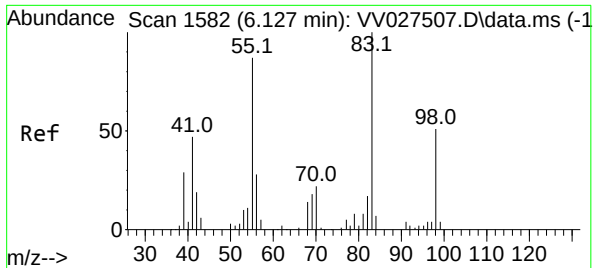
95 100

97 57.1 45.0 83.6

132 89.1 65.7 121.9

130 84.9 69.3 128.7





#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV027517.D

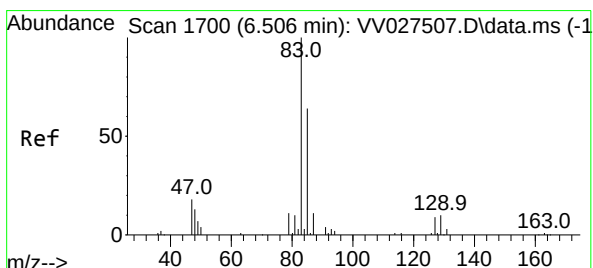
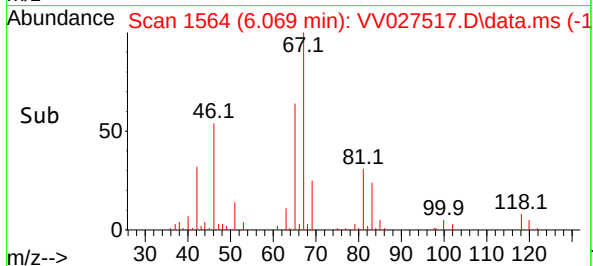
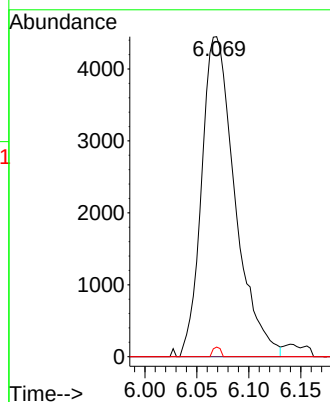
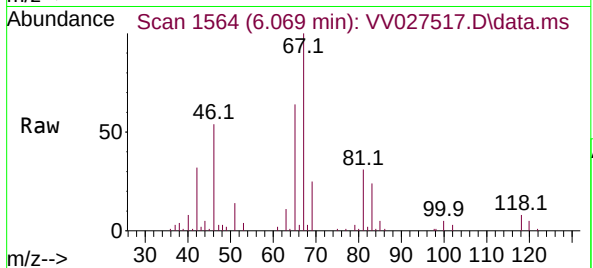
Acq: 26 Aug 2022 00:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	9952
Ion	Ratio	Lower Upper
83	100	
55	0.0	68.2 102.4#
98	0.7	39.0 58.4#



#38

Bromodichloromethane

Concen: 0.077 ug/L

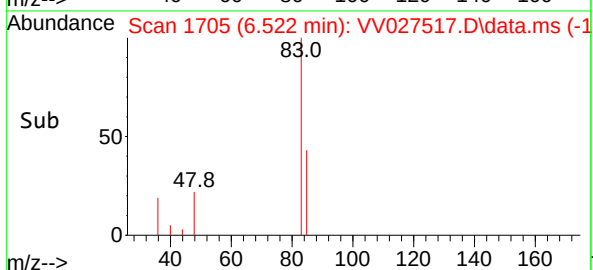
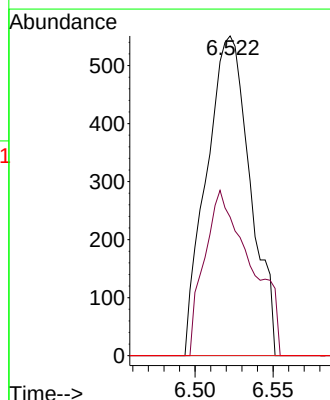
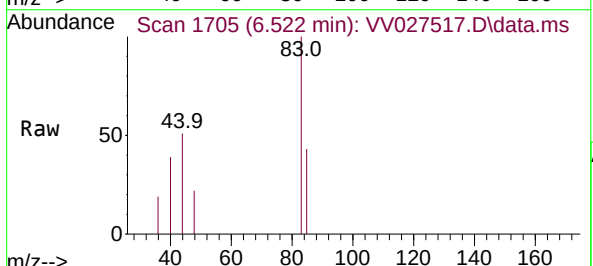
RT: 6.522 min Scan# 1705

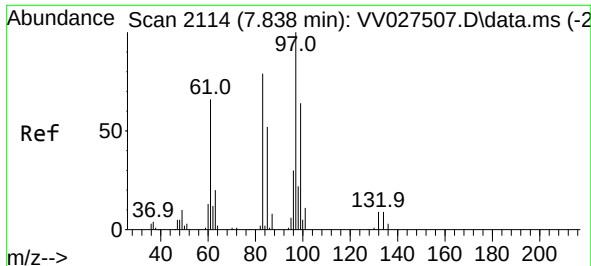
Delta R.T. 0.016 min

Lab File: VV027517.D

Acq: 26 Aug 2022 00:48

Tgt Ion: 83	Resp:	1075
Ion	Ratio	Lower Upper
83	100	
85	43.4	45.3 84.1#
127	0.0	7.2 10.8#

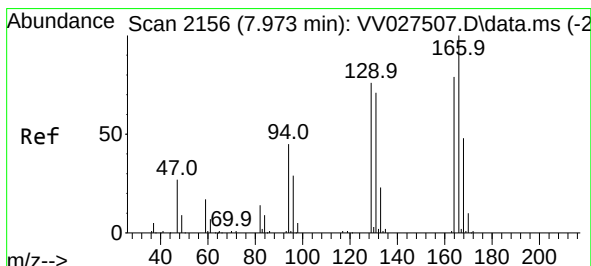
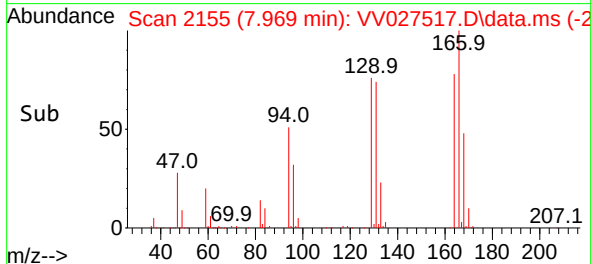
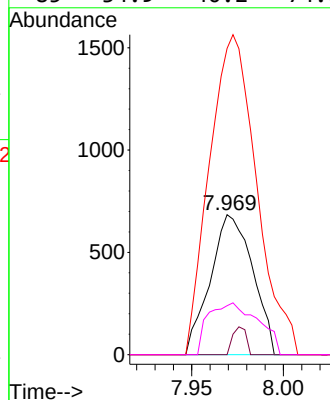
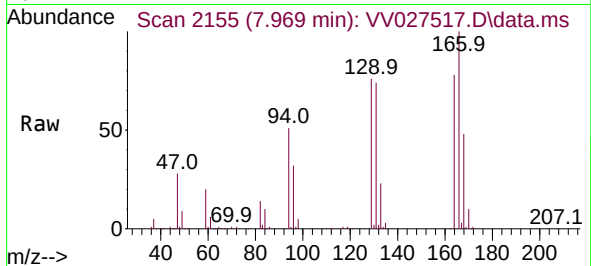




#45
1,1,2-Trichloroethane
Concen: 0.156 ug/L
RT: 7.969 min Scan# 2115
Delta R.T. 0.132 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

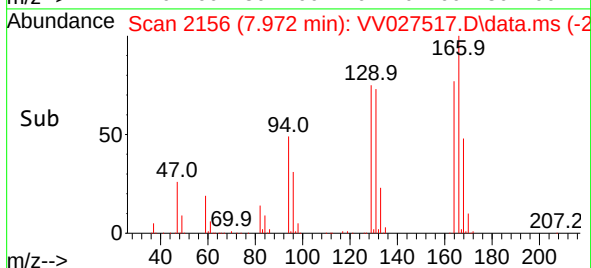
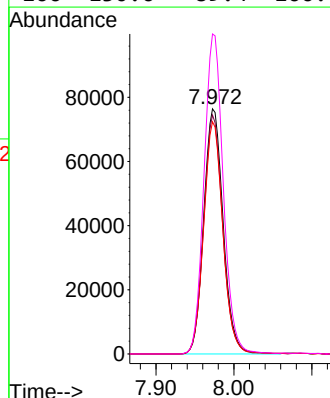
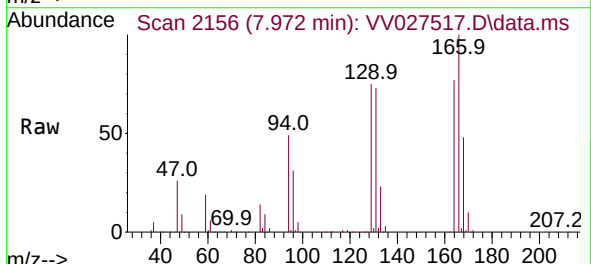
Instrument :
MSVOA_V
ClientSampleId :

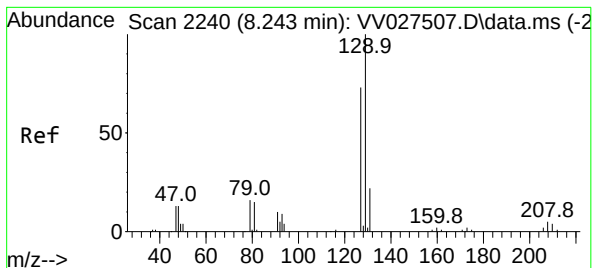
Tgt Ion: 97	Resp: 1100
Ion Ratio	Lower Upper
97	100
99	0.0 46.1 85.7#
83	218.9 63.0 117.0#
85	34.9 40.2 74.6#



#47
Tetrachloroethene
Concen: 15.598 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027517.D
Acq: 26 Aug 2022 00:48

Tgt Ion: 164	Resp: 132594
Ion Ratio	Lower Upper
164	100
129	97.5 71.1 132.1
131	94.8 64.5 119.9
166	130.6 89.4 166.0





#49

Dibromochloromethane

Concen: 13.984 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027517.D

Acq: 26 Aug 2022 00:48

Instrument :

MSVOA_V

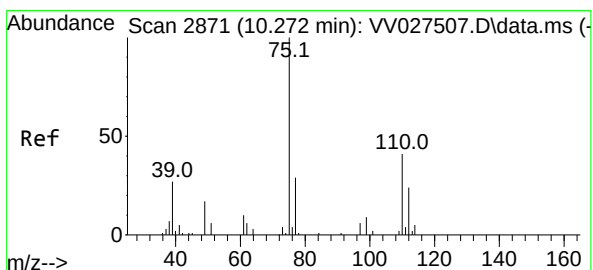
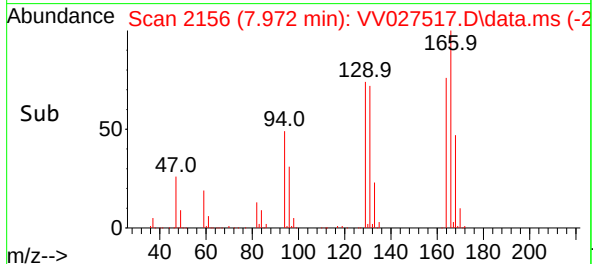
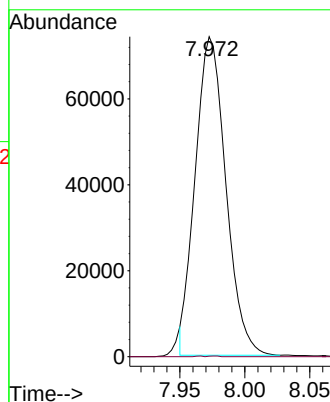
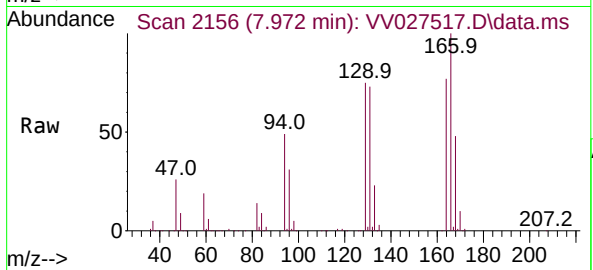
ClientSampleId :

Tgt Ion:129 Resp: 121542

Ion Ratio Lower Upper

129 100

127 0.2 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.363 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027517.D

Acq: 26 Aug 2022 00:48

Tgt Ion: 75 Resp: 6540

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 1.8 29.9 44.9#

