

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027768.D
 Acq On : 07 Sep 2022 02:11
 Operator : SY/MD
 Sample : N4418-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC2

Quant Time: Sep 07 06:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

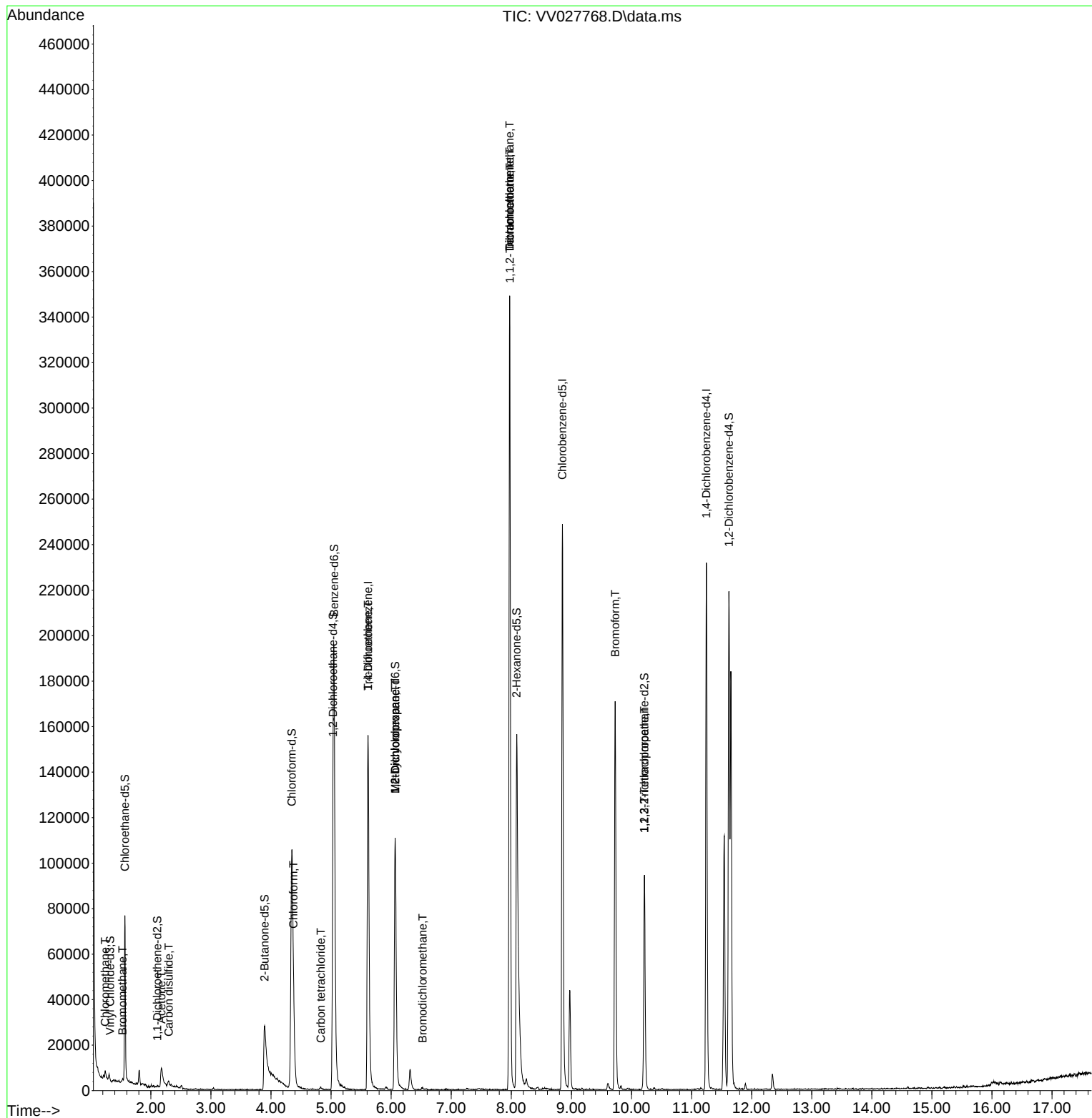
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140864	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	140759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	65070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	41	0.004	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.568	69	45409	5.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.200%
11) 1,1-Dichloroethene-d2	2.108	63	143	0.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.200%#
20) 2-Butanone-d5	3.892	46	62397	30.322	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.640%
24) Chloroform-d	4.346	84	105297	5.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.030	65	50370	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.050	84	183225	4.487	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	51748	4.328	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	0.000	98	0	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.088	63	68852	46.180	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36402	4.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	58190	5.444	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1967	0.156	ug/L	97
6) Bromomethane	1.526	94	673	0.099	ug/L	95
13) Acetone	2.175	43	17512	11.421	ug/L	93
14) Carbon disulfide	2.297	76	1704	0.061	ug/L #	76
25) Chloroform	4.375	83	28614	1.394	ug/L	99
31) Carbon tetrachloride	4.831	117	705	0.038	ug/L	89
34) Trichloroethene	5.616	95	4301	0.370	ug/L #	5
35) Methylcyclohexane	6.066	83	14078	0.788	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6662	0.604	ug/L #	85
38) Bromodichloromethane	6.522	83	882	0.060	ug/L #	83
45) 1,1,2-Trichloroethane	7.976	97	592	0.083	ug/L #	14
47) Tetrachloroethene	7.973	164	78156	8.370	ug/L	98
49) Dibromochloromethane	7.973	129	56563	6.233	ug/L #	10
59) Bromoform	9.728	173	75109	19.069	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	618	0.120	ug/L #	1

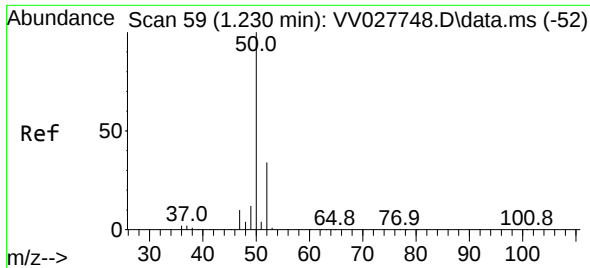
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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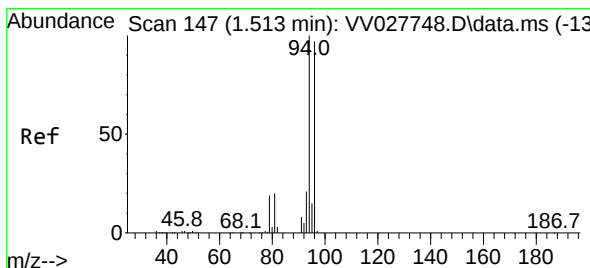
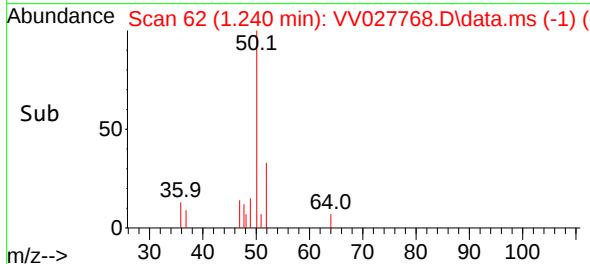
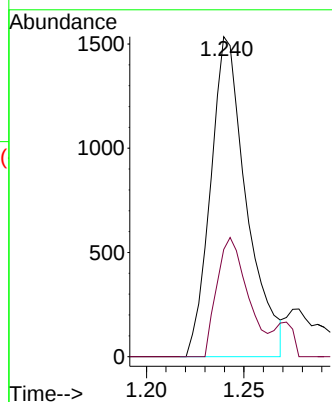
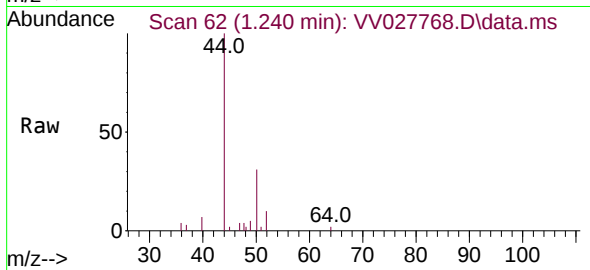




#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027768.D
Acq: 07 Sep 2022 02:11

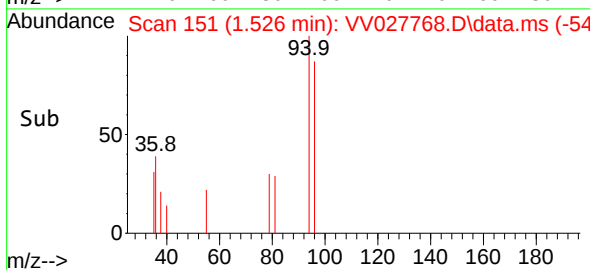
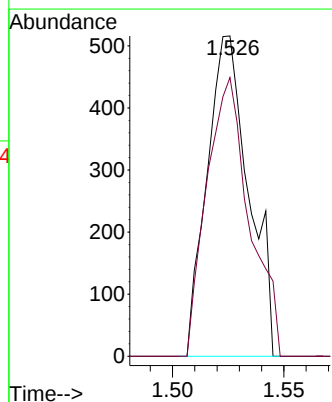
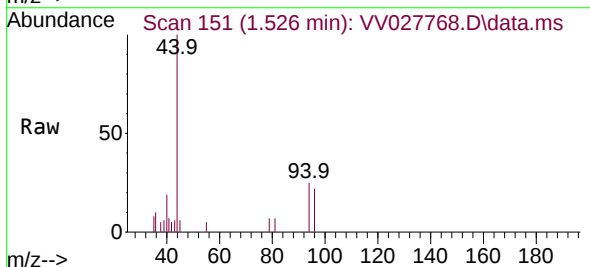
Instrument :
MSVOA_V
ClientSampleId :
DBVC2

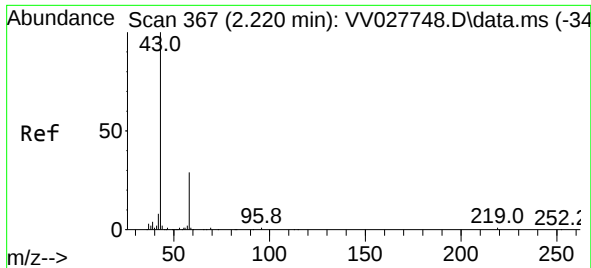
Tgt Ion: 50 Resp: 1967
Ion Ratio Lower Upper
50 100
52 33.5 22.1 41.1



#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.013 min
Lab File: VV027768.D
Acq: 07 Sep 2022 02:11

Tgt Ion: 94 Resp: 673
Ion Ratio Lower Upper
94 100
96 87.0 64.2 119.2

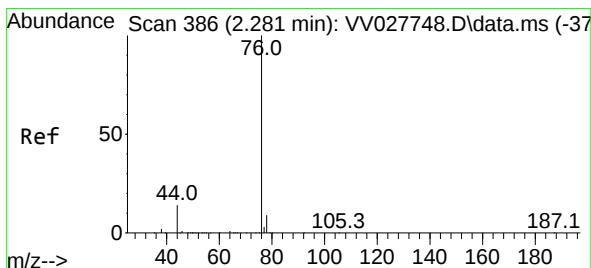
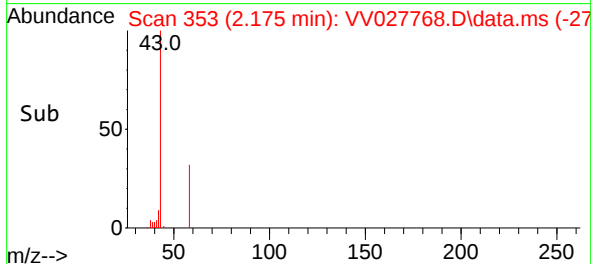
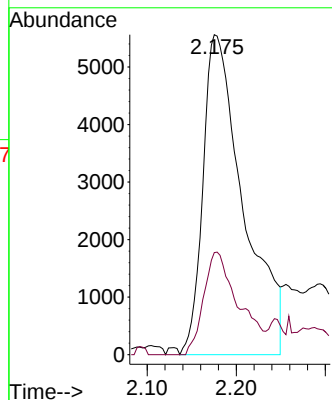
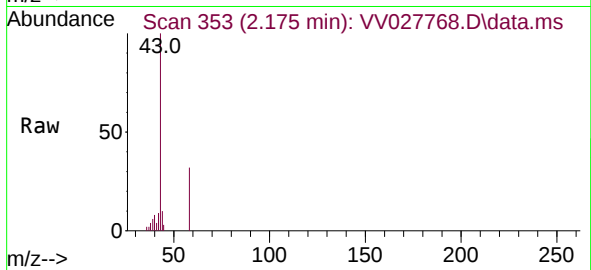




#13
Acetone
Concen: 11.421 ug/L
RT: 2.175 min Scan# 311
Delta R.T. -0.045 min
Lab File: VV027768.D
Acq: 07 Sep 2022 02:11

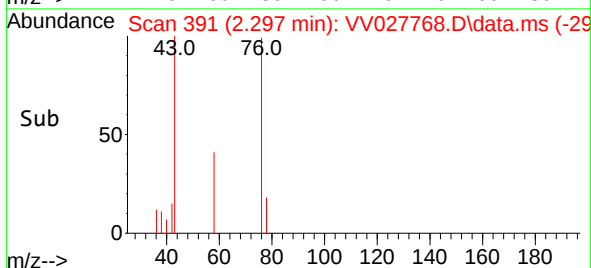
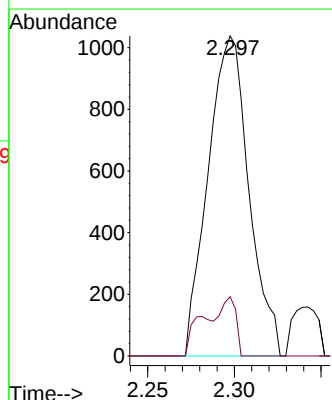
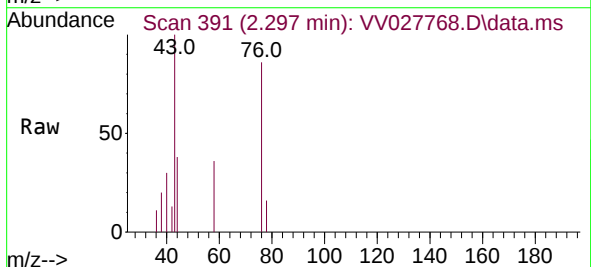
Instrument :
MSVOA_V
ClientSampleId :
DBVC2

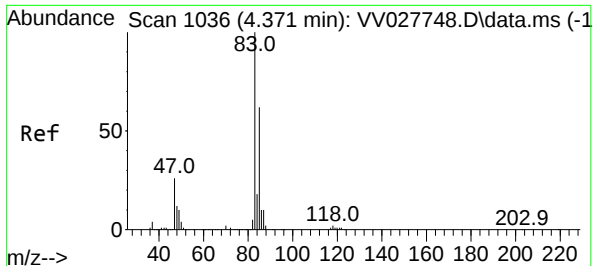
Tgt Ion: 43 Resp: 17512
Ion Ratio Lower Upper
43 100
58 28.2 0.0 49.4



#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.016 min
Lab File: VV027768.D
Acq: 07 Sep 2022 02:11

Tgt Ion: 76 Resp: 1704
Ion Ratio Lower Upper
76 100
78 18.5 7.7 11.5#





#25

Chloroform

Concen: 1.394 ug/L

RT: 4.375 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

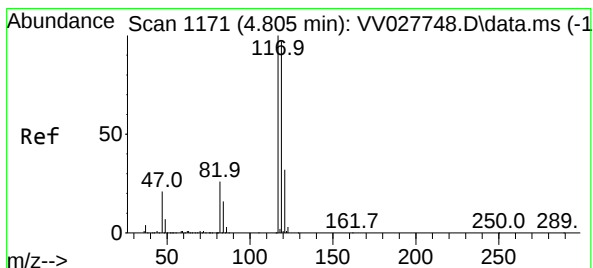
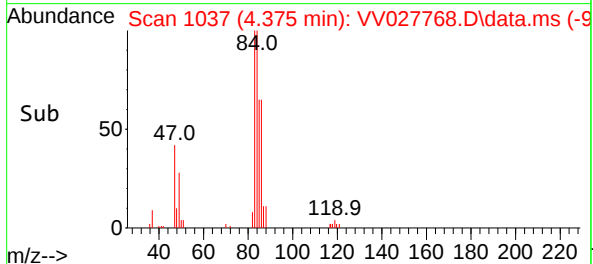
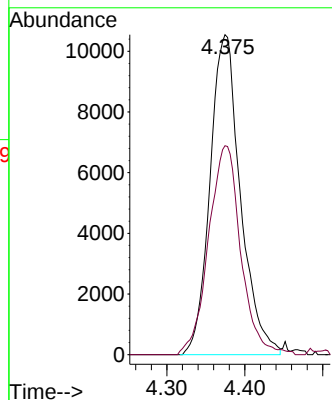
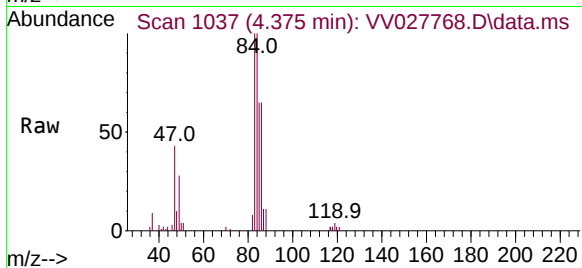
DBVC2

Tgt Ion: 83 Resp: 28614

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#31

Carbon tetrachloride

Concen: 0.038 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.026 min

Lab File: VV027768.D

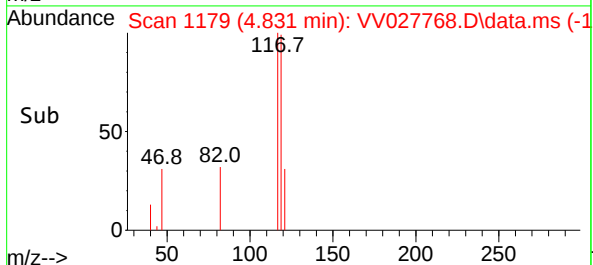
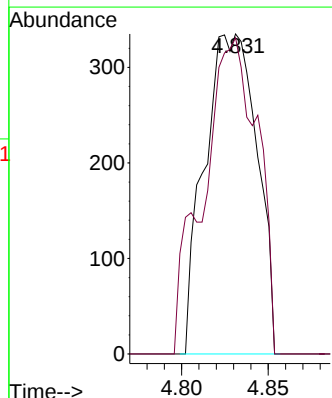
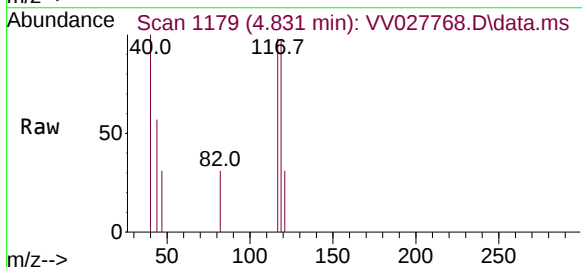
Acq: 07 Sep 2022 02:11

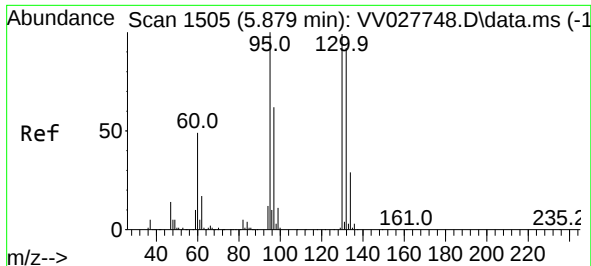
Tgt Ion: 117 Resp: 705

Ion Ratio Lower Upper

117 100

119 83.8 75.8 113.8





#34

Trichloroethene

Concen: 0.370 ug/L

RT: 5.616 min Scan# 14

Delta R.T. -0.264 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

DBVC2

Tgt Ion: 95 Resp: 4301

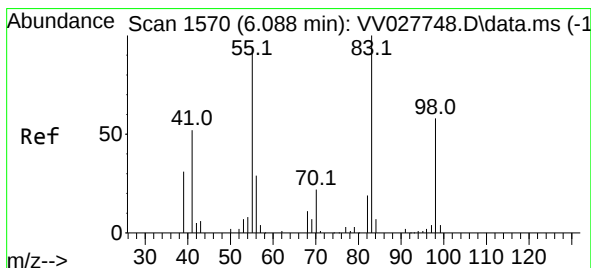
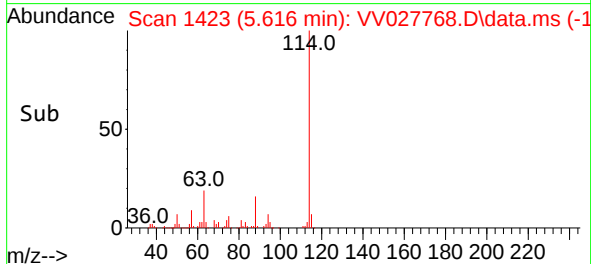
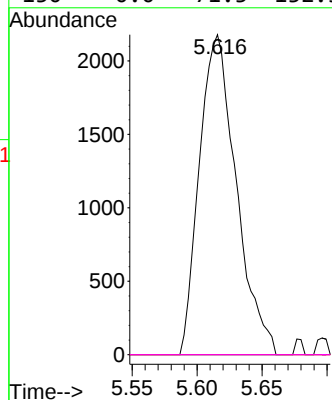
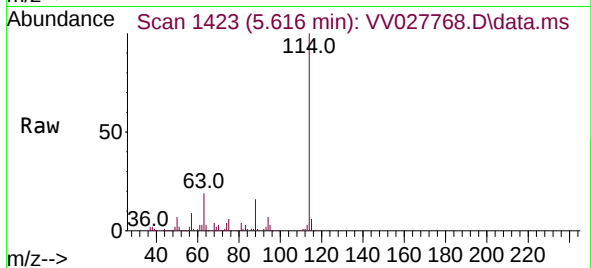
Ion Ratio Lower Upper

95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.022 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

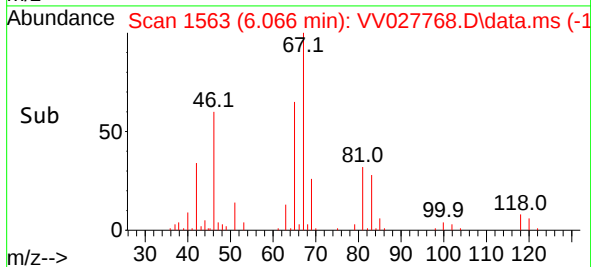
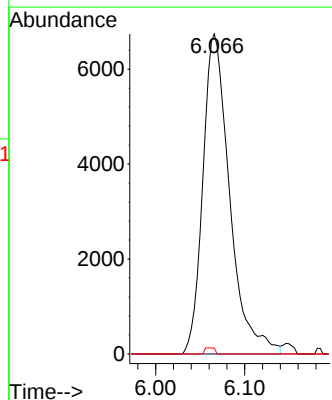
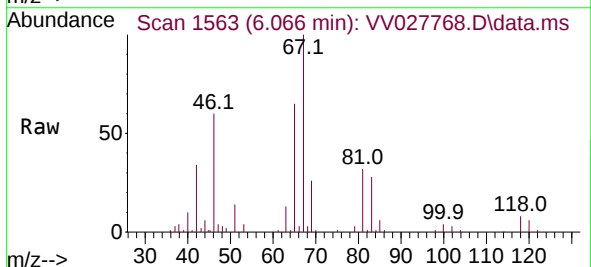
Tgt Ion: 83 Resp: 14078

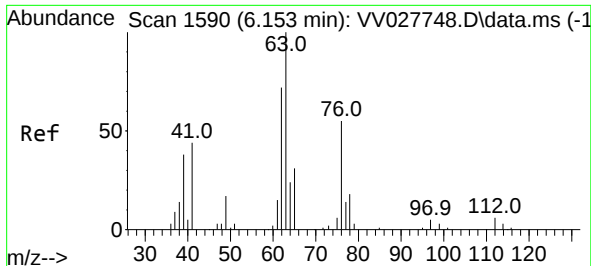
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.7 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

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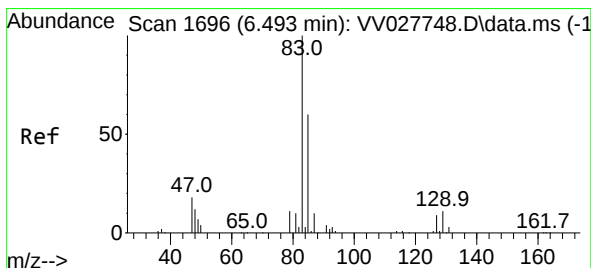
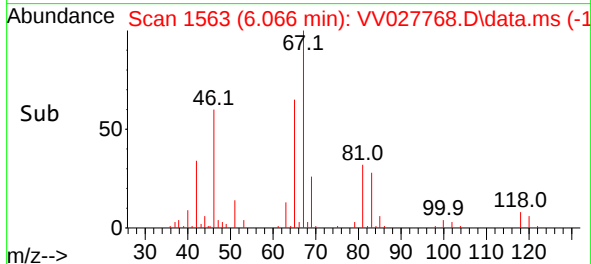
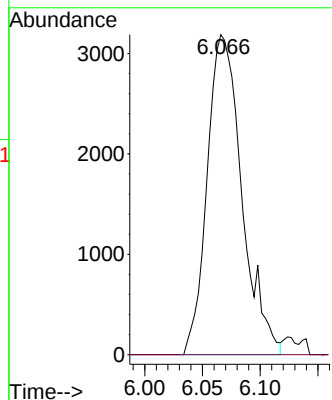
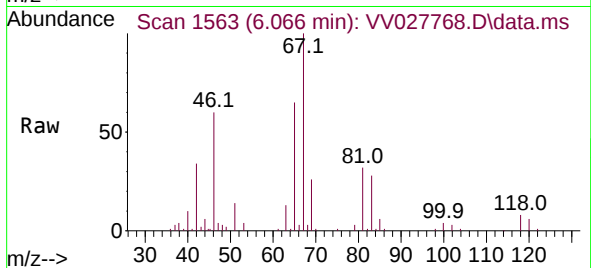
DBVC2

Tgt Ion: 63 Resp: 6662

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.060 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.029 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

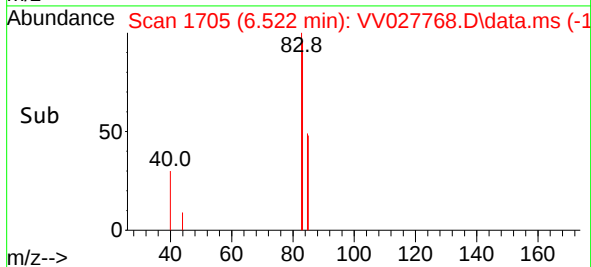
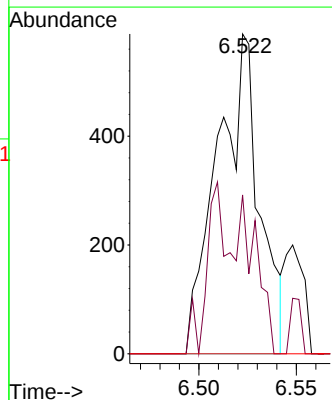
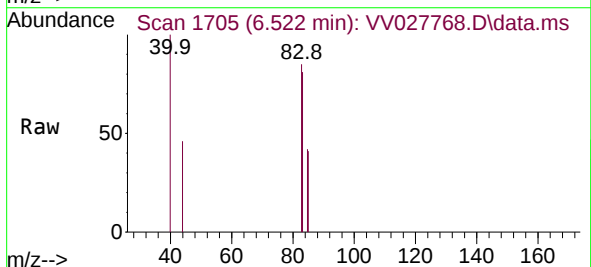
Tgt Ion: 83 Resp: 882

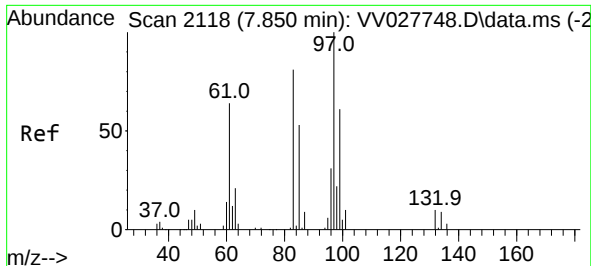
Ion Ratio Lower Upper

83 100

85 49.7 43.3 80.3

127 0.0 7.1 10.7#





#45

1,1,2-Trichloroethane

Concen: 0.083 ug/L

RT: 7.976 min Scan# 2118

Delta R.T. 0.125 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

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DBVC2

Tgt Ion: 97 Resp: 592

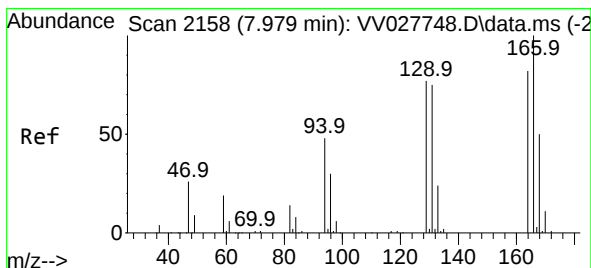
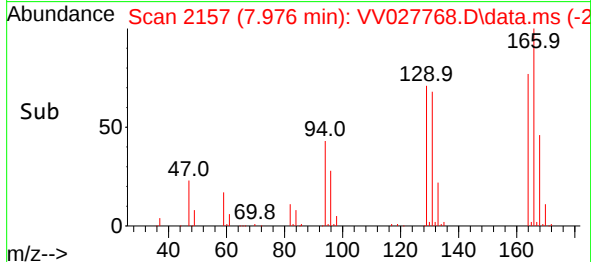
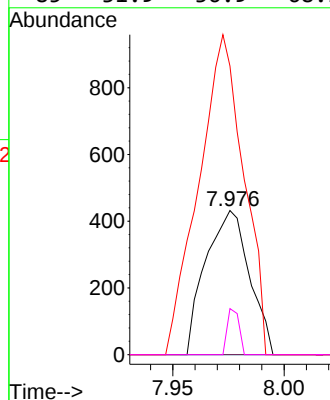
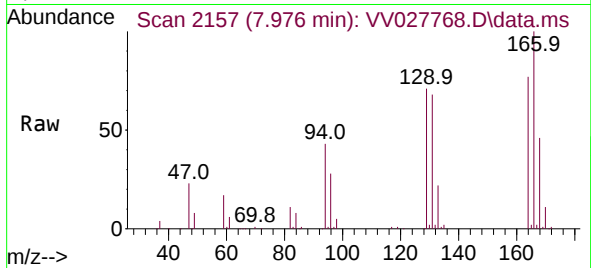
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 200.2 60.3 112.1#

85 31.9 36.9 68.5#



#47

Tetrachloroethene

Concen: 8.370 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

Tgt Ion:164 Resp: 78156

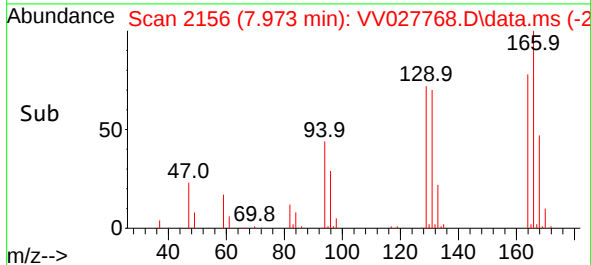
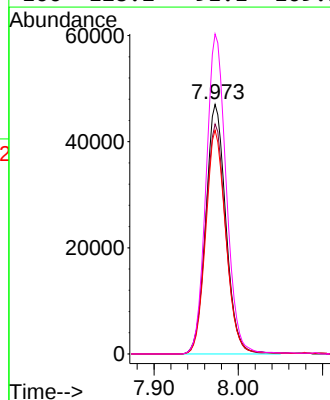
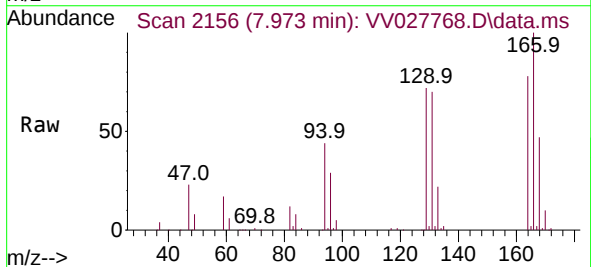
Ion Ratio Lower Upper

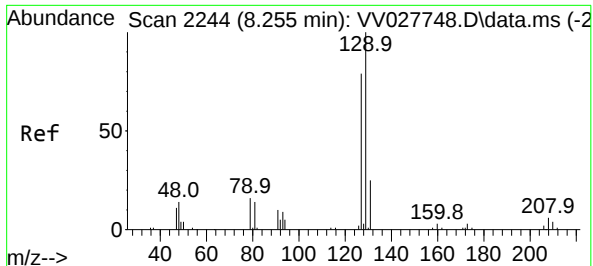
164 100

129 92.1 67.2 124.8

131 89.6 61.5 114.3

166 128.2 91.1 169.3





#49

Dibromochloromethane

Concen: 6.233 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

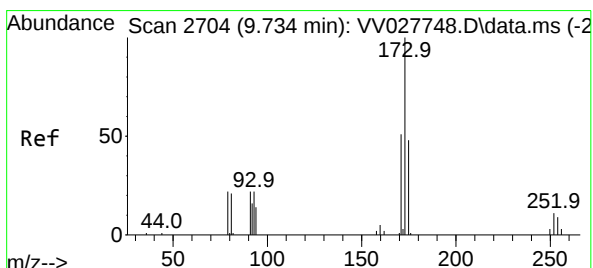
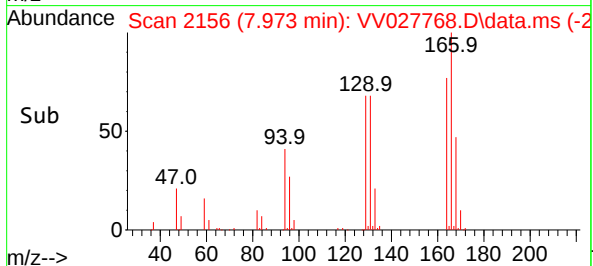
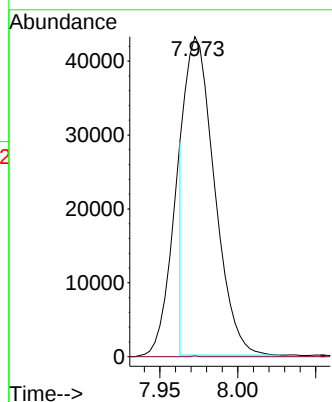
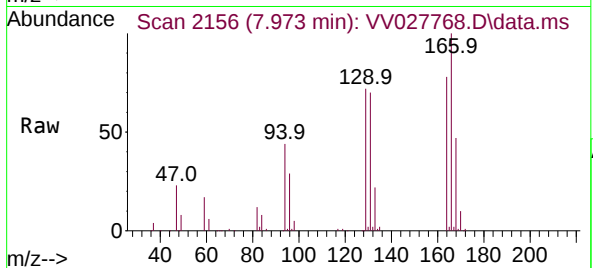
DBVC2

Tgt Ion:129 Resp: 56563

Ion Ratio Lower Upper

129 100

127 0.2 55.2 102.6#



#59

Bromoform

Concen: 19.069 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.006 min

Lab File: VV027768.D

Acq: 07 Sep 2022 02:11

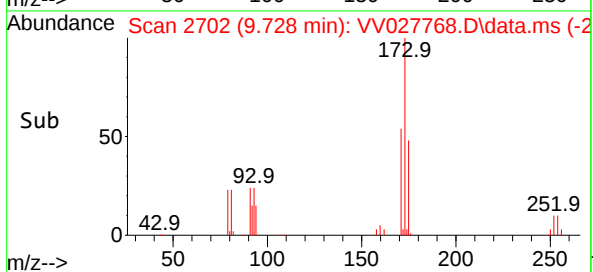
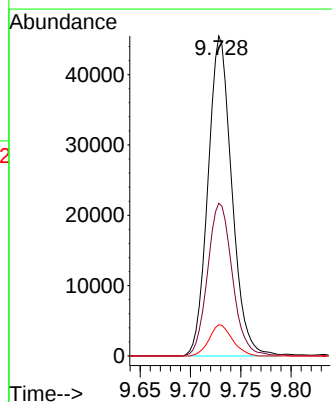
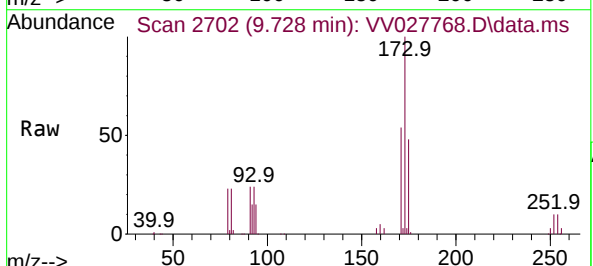
Tgt Ion:173 Resp: 75109

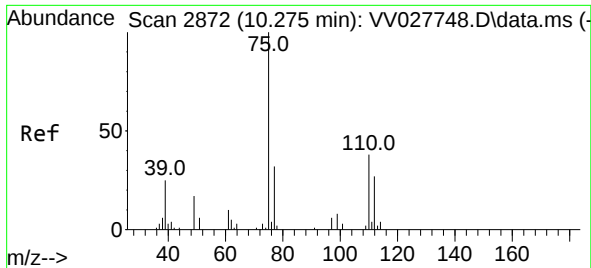
Ion Ratio Lower Upper

173 100

175 49.4 38.4 57.6

254 9.5 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 0.120 ug/L
 RT: 10.214 min Scan# 21
 Delta R.T. -0.061 min
 Lab File: VV027768.D
 Acq: 07 Sep 2022 02:11

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC2

Tgt Ion: 75 Resp: 618
 Ion Ratio Lower Upper
 75 100
 77 1111.5 27.6 41.4#
 110 0.0 35.6 53.4#

