

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027702.D
 Acq On : 02 Sep 2022 06:18
 Operator : SY/MD
 Sample : N4402-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:13:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

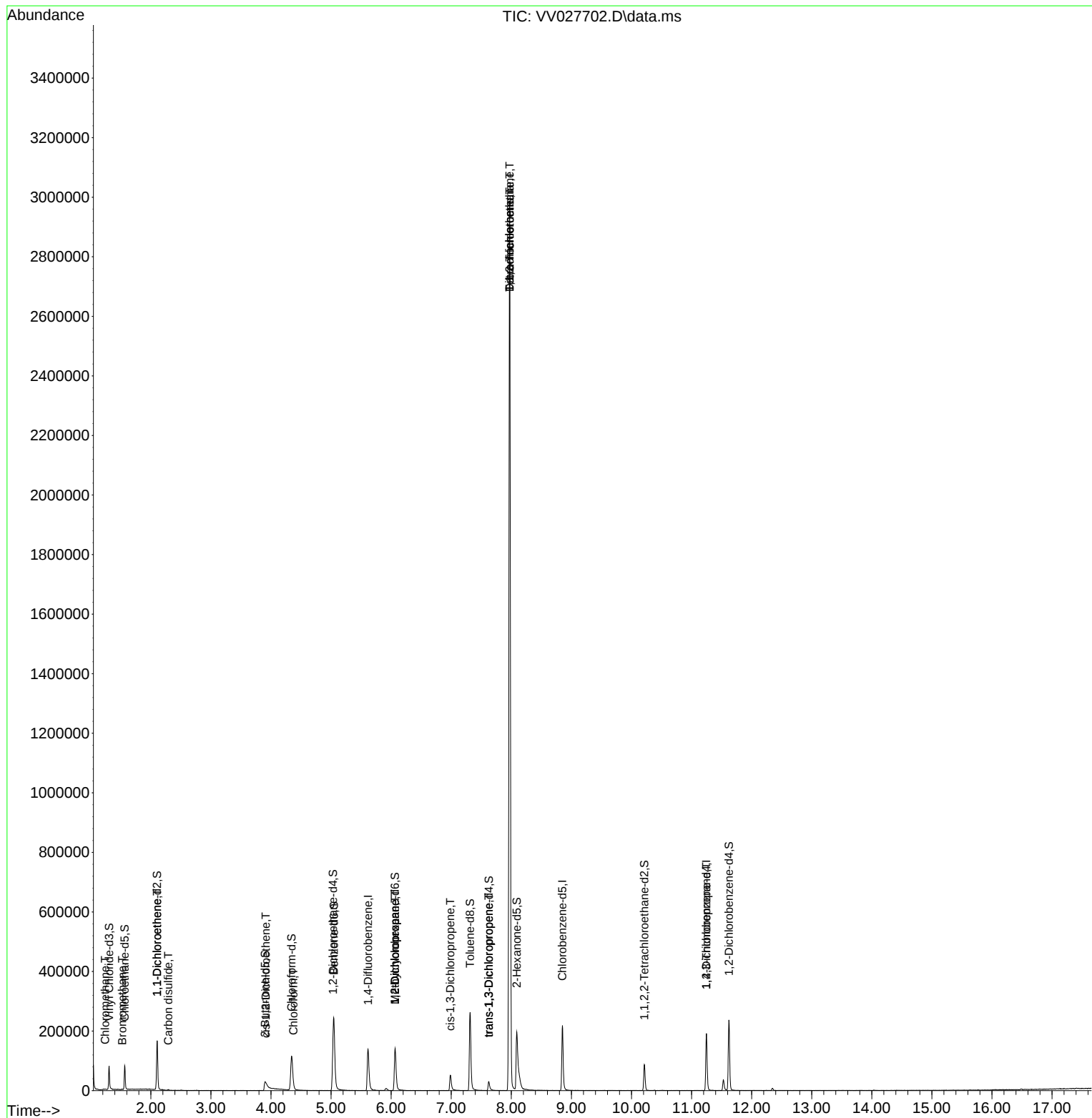
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	52305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56067	4.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.564	69	51490	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	87297	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.899	46	52802	23.706	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	47.420%
24) Chloroform-d	4.343	84	120327	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.031	65	55895	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	223805	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	66598	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.313	98	178423	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	19603	4.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.092	63	86889	49.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40400	4.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62207	5.312	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	915	0.058	ug/L	92
6) Bromomethane	1.523	94	731	0.103	ug/L	85
12) 1,1-Dichloroethene	2.105	96	845	0.083	ug/L #	1
14) Carbon disulfide	2.291	76	2062	0.064	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	2239	0.196	ug/L	76
25) Chloroform	4.371	83	3252	0.138	ug/L	85
35) Methylcyclohexane	6.066	83	17266	0.970	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7859	0.667	ug/L #	89
39) cis-1,3-Dichloropropene	6.985	75	1320	0.092	ug/L #	61
44) trans-1,3-Dichloropropene	7.622	75	910	0.078	ug/L	86
45) 1,1,2-Trichloroethane	7.969	97	5516	0.725	ug/L #	1
47) Tetrachloroethene	7.973	164	641395	68.938	ug/L	97
49) Dibromochloromethane	7.973	129	600884	66.701	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	5606	1.059	ug/L #	66

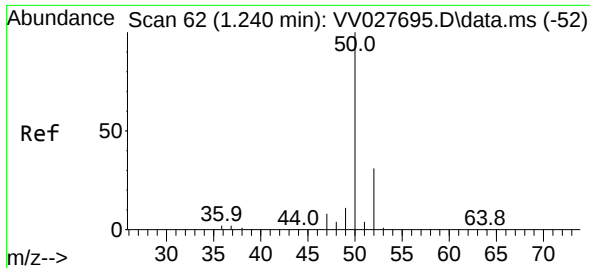
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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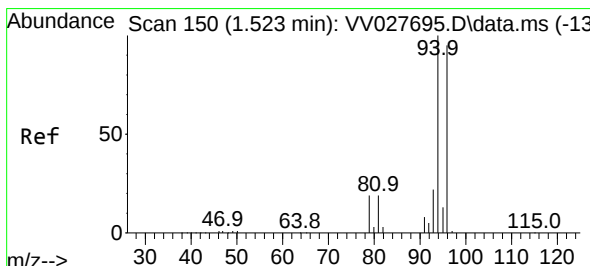
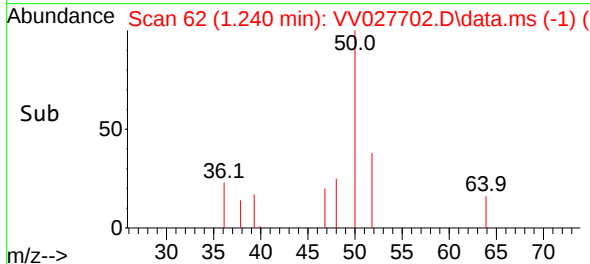
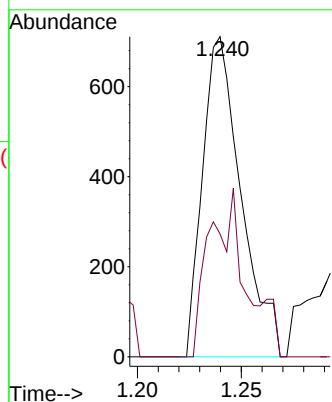
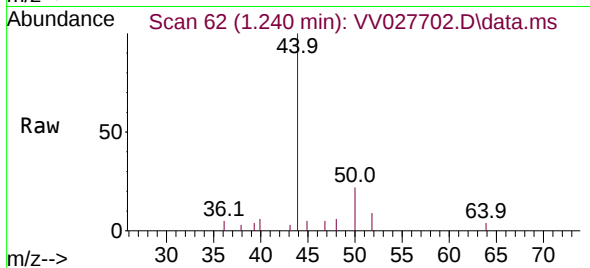




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027702.D
Acq: 02 Sep 2022 06:18

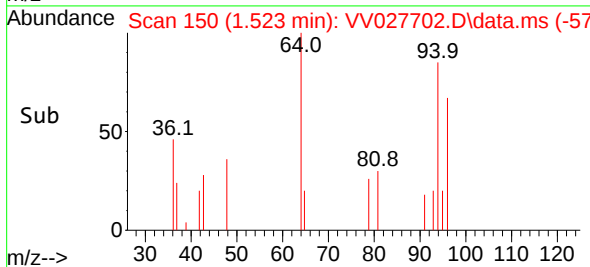
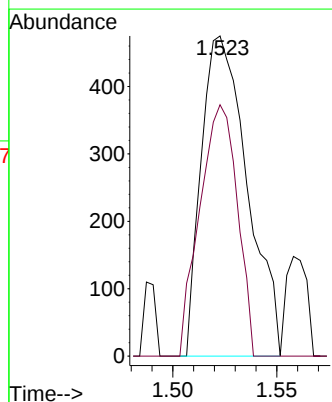
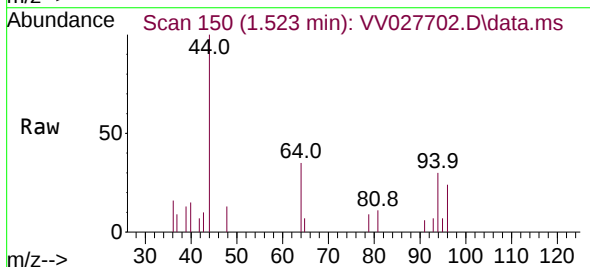
Instrument :
MSVOA_V
ClientSampleId :

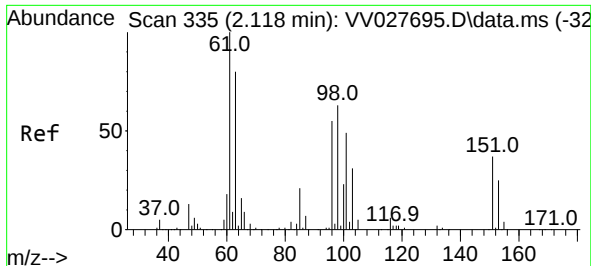
Tgt Ion: 50 Resp: 915
Ion Ratio Lower Upper
50 100
52 38.4 23.5 43.7



#6
Bromomethane
Concen: 0.103 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV027702.D
Acq: 02 Sep 2022 06:18

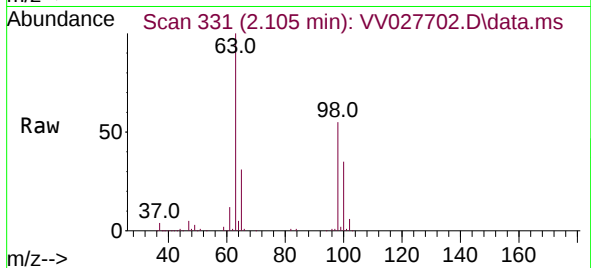
Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 78.5 65.1 120.9



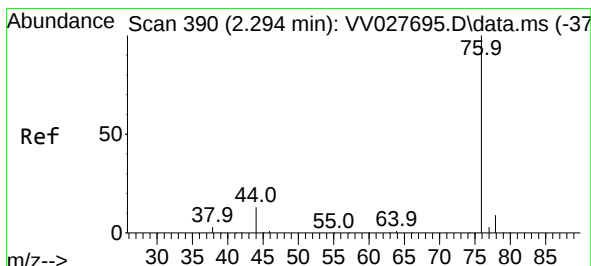
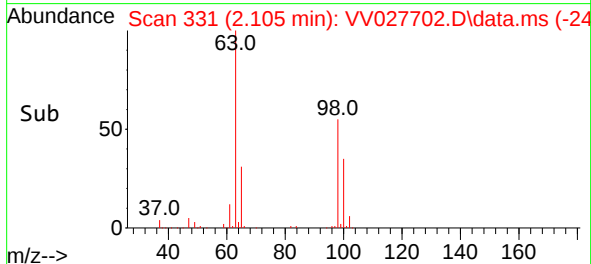
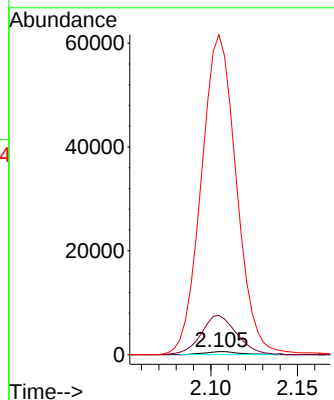


#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV027702.D
Acq: 02 Sep 2022 06:18

Instrument :
MSVOA_V
ClientSampleId :

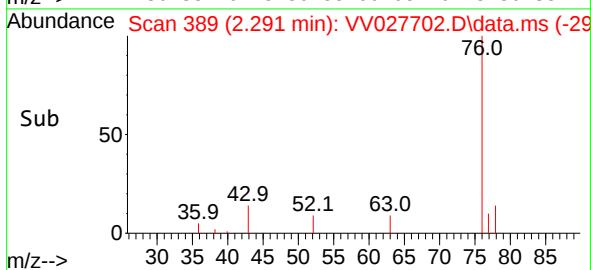
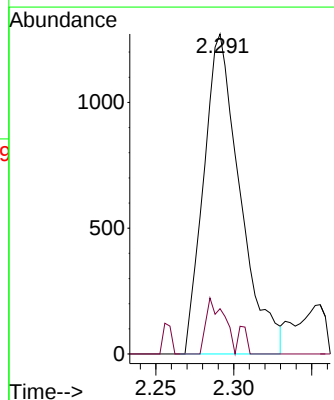
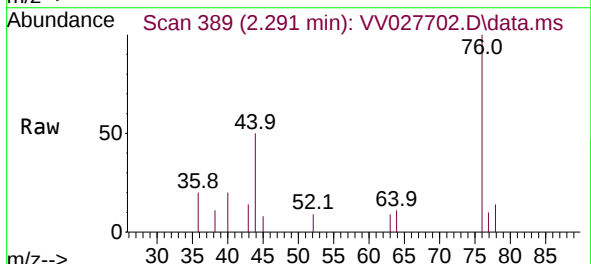


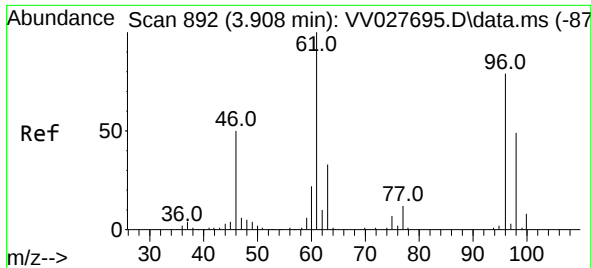
Tgt Ion: 96 Resp: 845
Ion Ratio Lower Upper
96 100
61 1274.3 134.3 249.3#
63 10340.9 105.7 196.3#



#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV027702.D
Acq: 02 Sep 2022 06:18

Tgt Ion: 76 Resp: 2062
Ion Ratio Lower Upper
76 100
78 14.2 7.4 11.0#

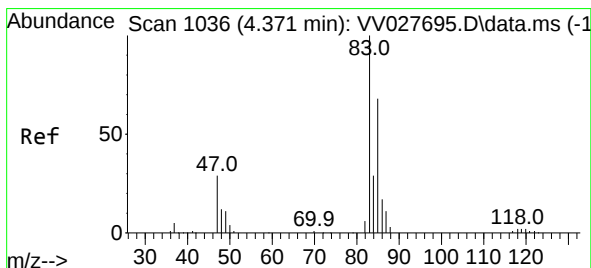
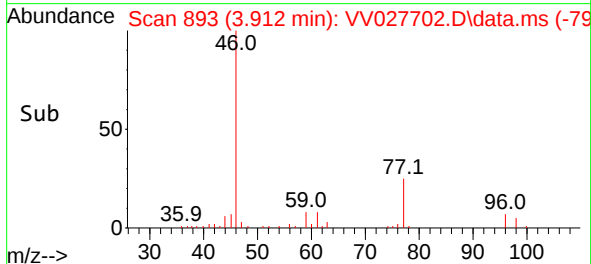
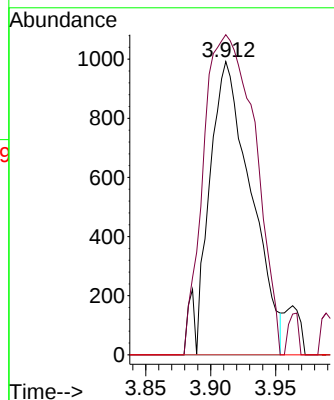
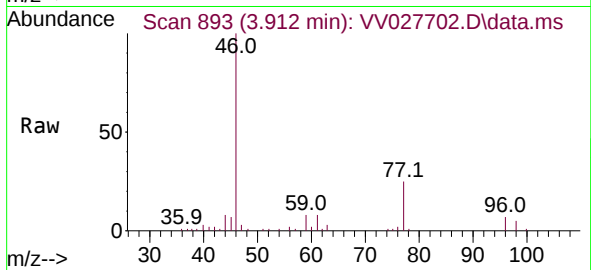




#22
 cis-1,2-Dichloroethene
 Concen: 0.196 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV027702.D
 Acq: 02 Sep 2022 06:18

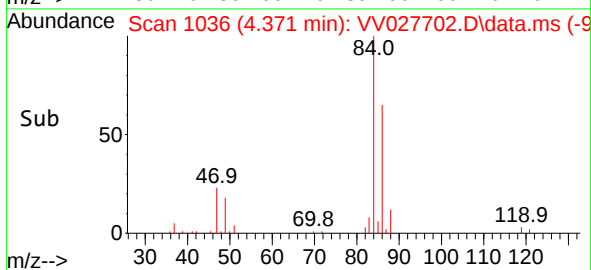
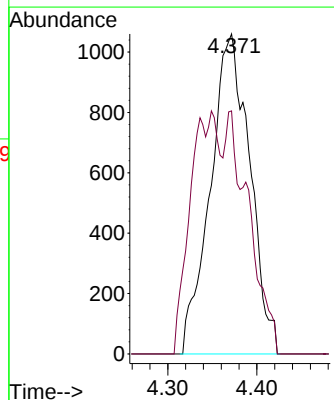
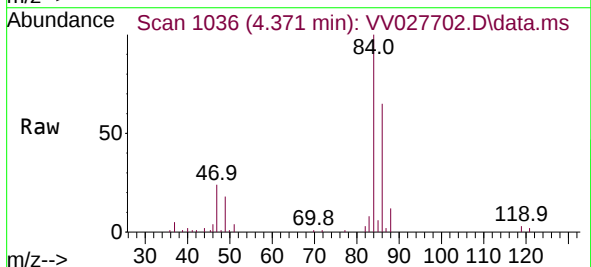
Instrument :
 MSVOA_V
 ClientSampleId :

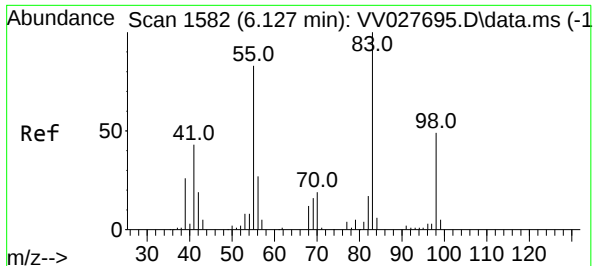
Tgt Ion: 96 Resp: 2239
 Ion Ratio Lower Upper
 96 100
 61 109.2 96.9 180.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.138 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VV027702.D
 Acq: 02 Sep 2022 06:18

Tgt Ion: 83 Resp: 3252
 Ion Ratio Lower Upper
 83 100
 85 75.9 44.7 83.1





#35

Methylcyclohexane

Concen: 0.970 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027702.D

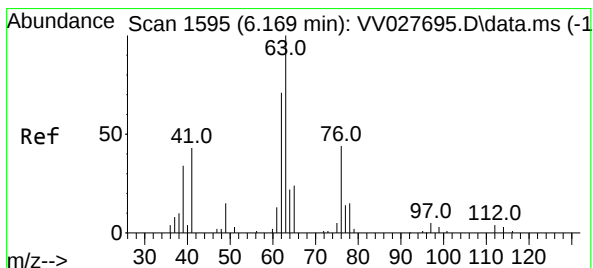
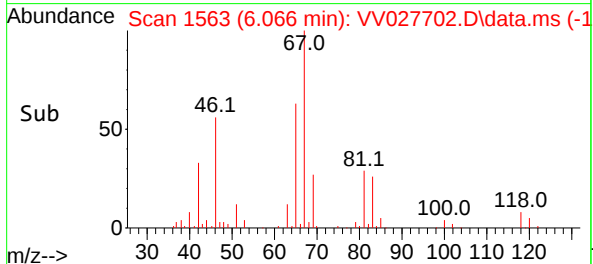
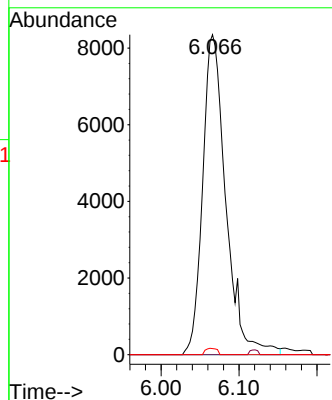
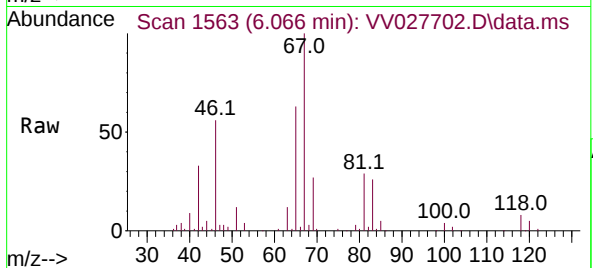
Acq: 02 Sep 2022 06:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17266
Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.0	99.0#
98	1.0	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.667 ug/L

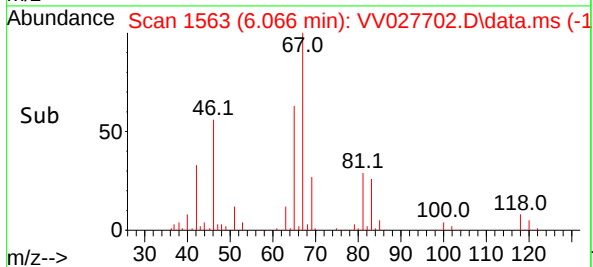
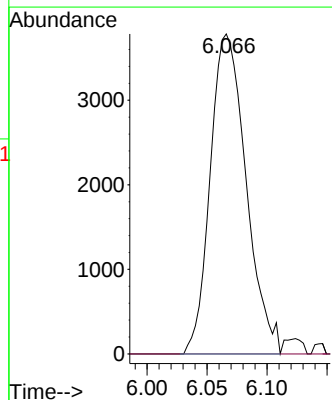
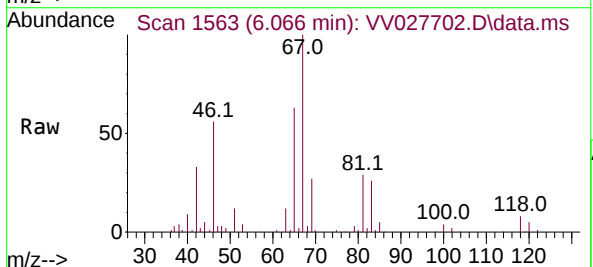
RT: 6.066 min Scan# 1563

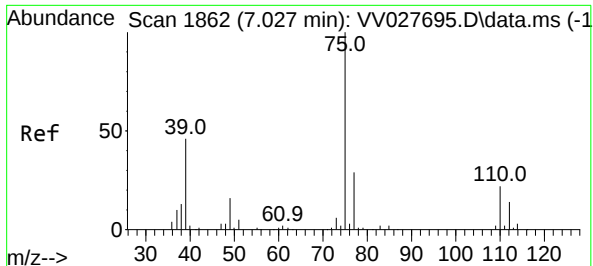
Delta R.T. -0.103 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Tgt Ion:	63	Resp:	7859
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Instrument :

MSVOA_V

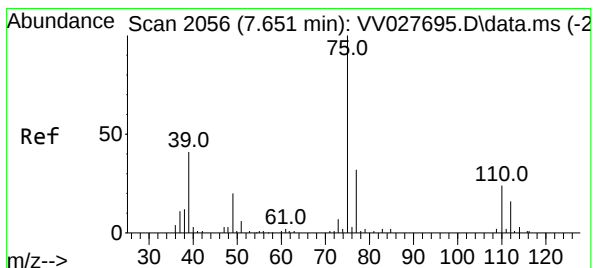
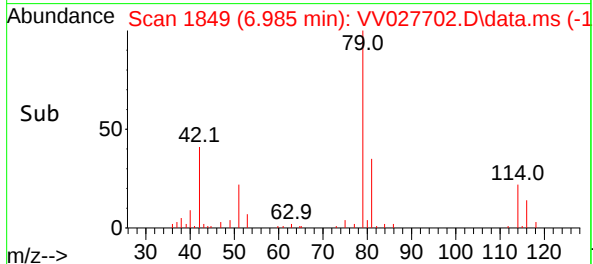
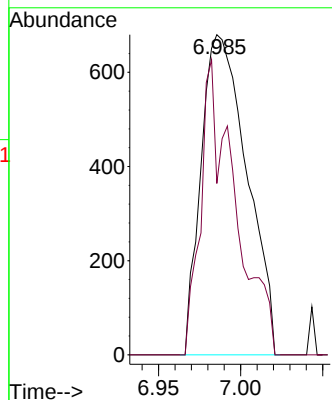
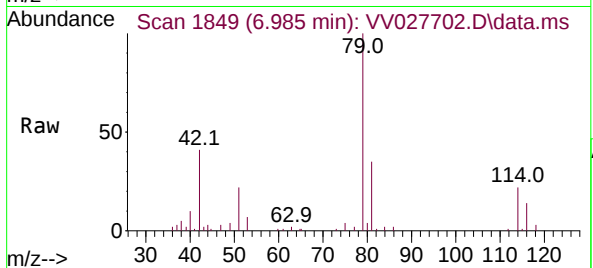
ClientSampleId :

Tgt Ion: 75 Resp: 1320

Ion Ratio Lower Upper

75 100

77 53.5 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV027702.D

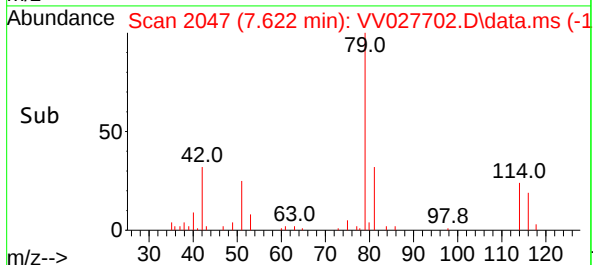
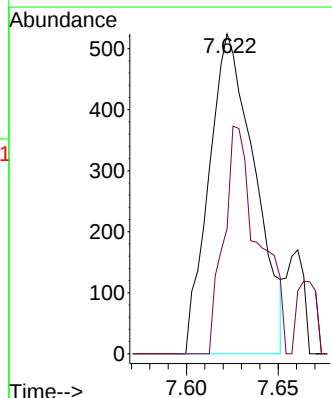
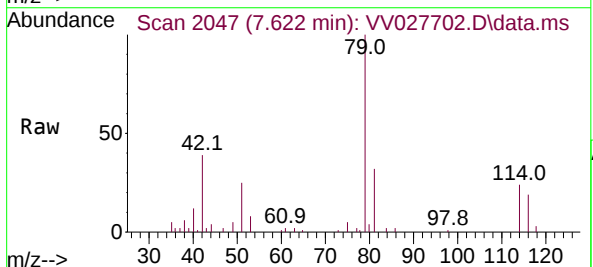
Acq: 02 Sep 2022 06:18

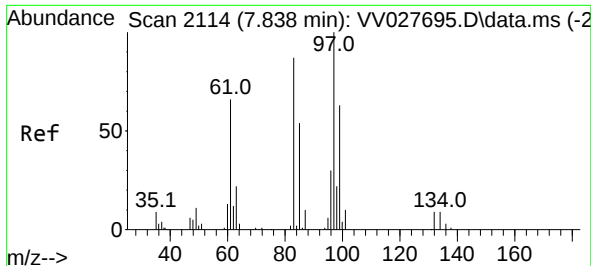
Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 39.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.725 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 5516

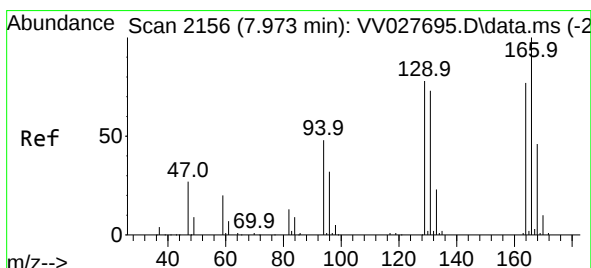
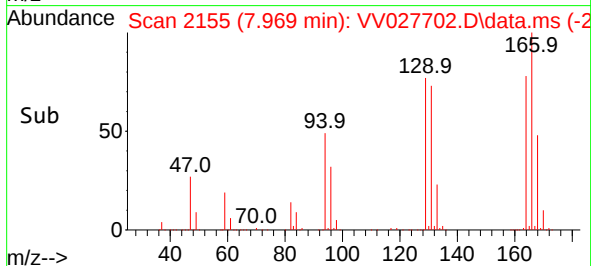
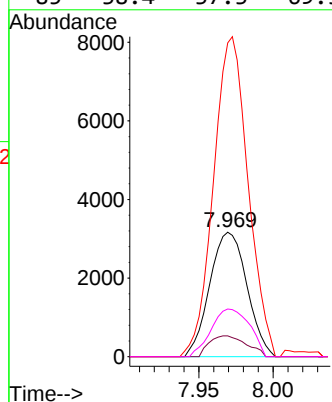
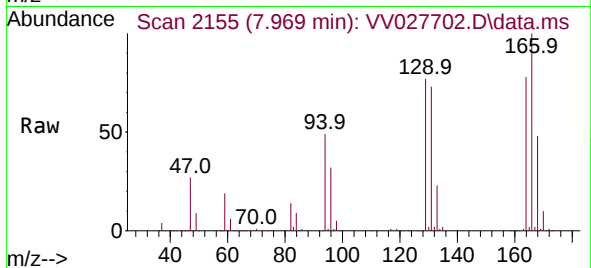
Ion Ratio Lower Upper

97 100

99 16.7 41.3 76.7#

83 252.1 57.5 106.9#

85 38.4 37.3 69.3



#47

Tetrachloroethene

Concen: 68.938 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Tgt Ion:164 Resp: 641395

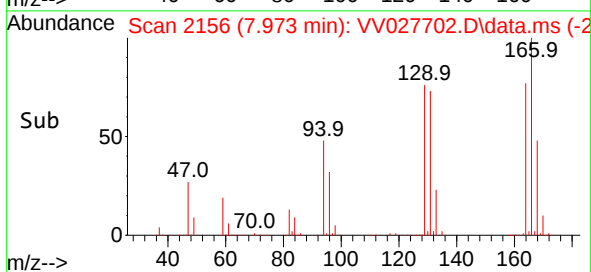
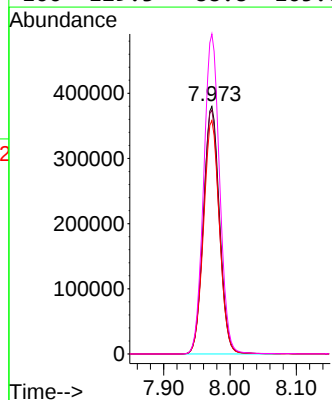
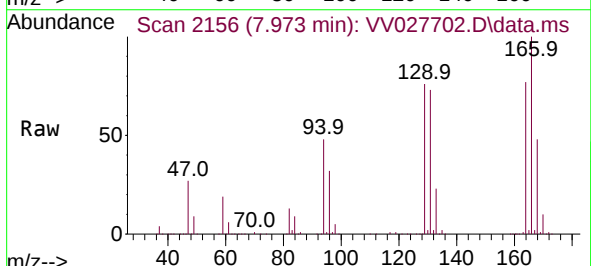
Ion Ratio Lower Upper

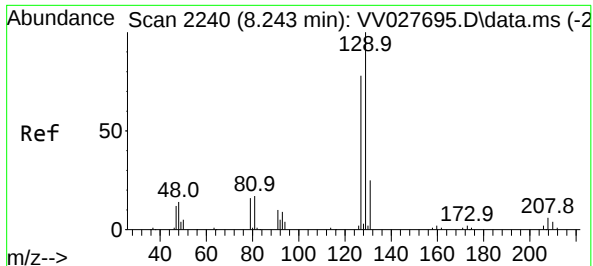
164 100

129 98.6 65.9 122.3

131 94.3 64.5 119.7

166 129.3 88.8 165.0





#49

Dibromochloromethane

Concen: 66.701 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Instrument :

MSVOA_V

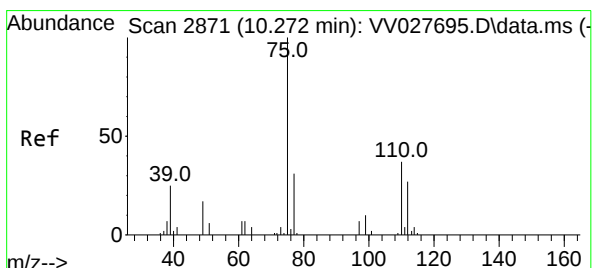
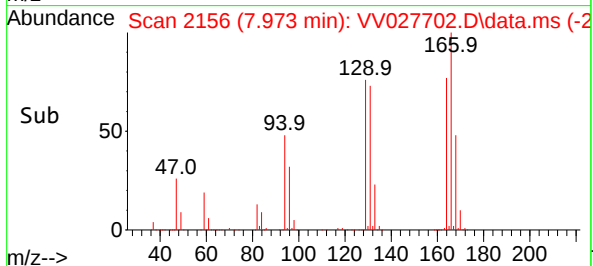
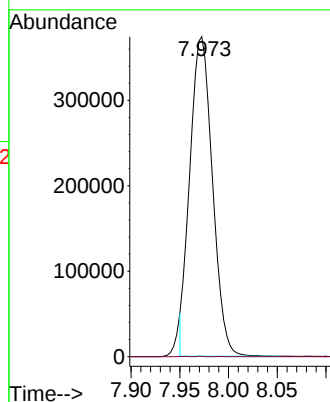
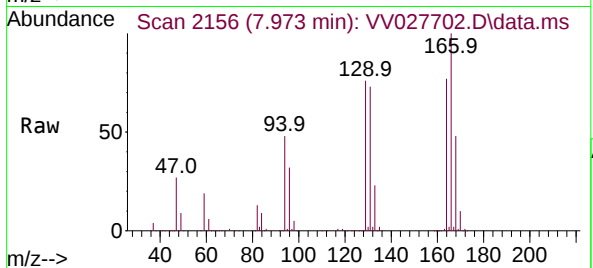
ClientSampleId :

Tgt Ion:129 Resp: 600884

Ion Ratio Lower Upper

129 100

127 0.1 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.059 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027702.D

Acq: 02 Sep 2022 06:18

Tgt Ion: 75 Resp: 5606

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.6

110 0.4 29.8 44.8#

