

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027676.D
 Acq On : 01 Sep 2022 18:59
 Operator : SY/MD
 Sample : N4366-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

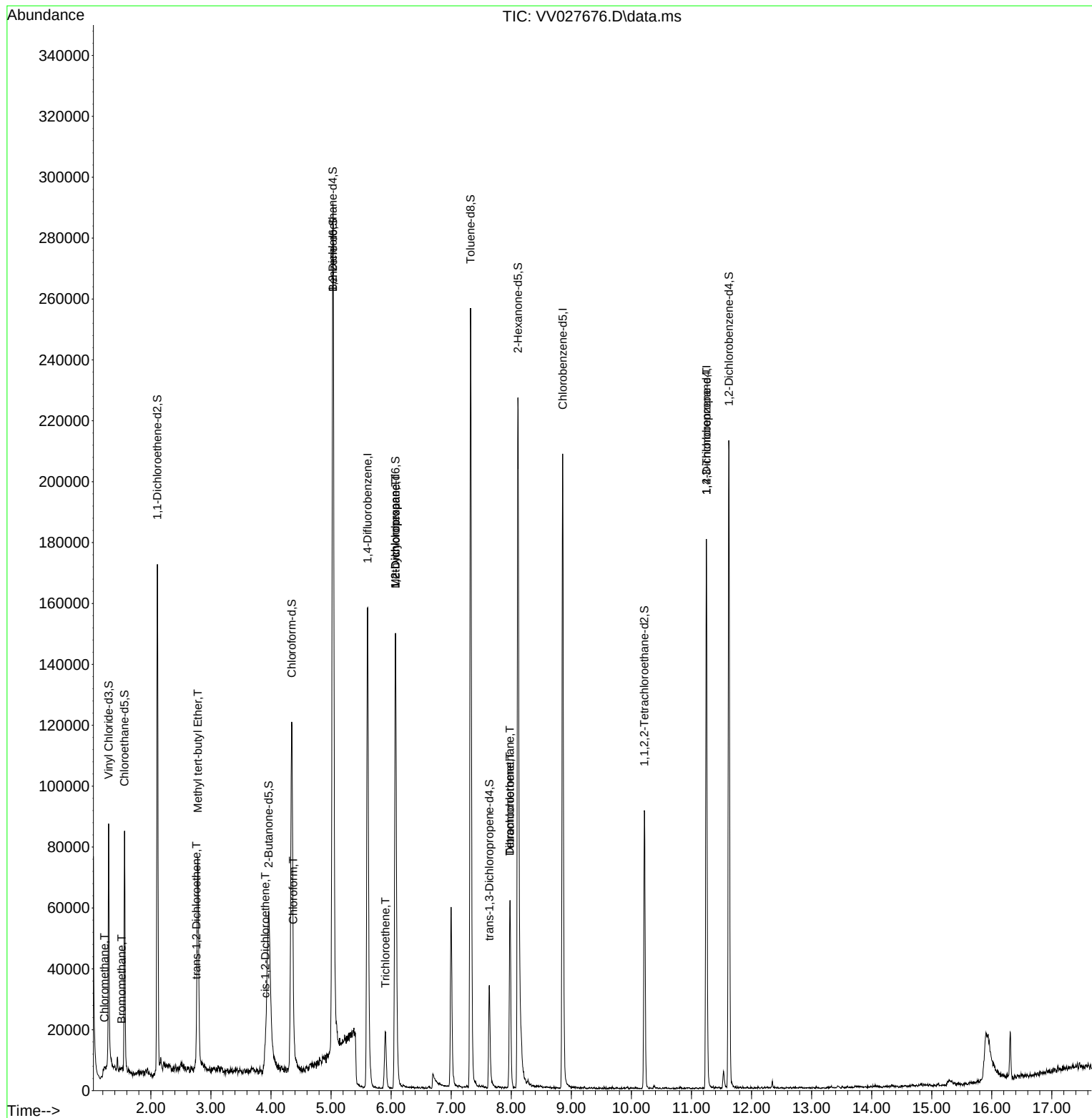
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	135243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	113337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59504	4.050	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.561	69	49467	4.024	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.108	63	88328	3.072	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.400%	
20) 2-Butanone-d5	3.960	46	136777	55.061	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.120%	
24) Chloroform-d	4.346	84	117142	3.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
26) 1,2-Dichloroethane-d4	5.027	65	63692	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.034	84	221770	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.072	67	72305	5.035	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.323	98	169009	4.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.635	79	19853	4.488	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.111	63	75247	45.232	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42667	4.617	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54829	5.177	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						Qvalue
3) Chloromethane	1.227	50	862	0.049	ug/L	87
6) Bromomethane	1.513	94	418	0.053	ug/L	74
17) Methyl tert-butyl Ether	2.783	73	68510	2.841	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	436	0.034	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	2501	0.196	ug/L	98
25) Chloroform	4.371	83	3476	0.132	ug/L	99
34) Trichloroethene	5.905	95	5478	0.504	ug/L	98
35) Methylcyclohexane	6.072	83	17697	1.049	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	8885	0.796	ug/L #	89
47) Tetrachloroethene	7.979	164	13876	1.575	ug/L	94
49) Dibromochloromethane	7.979	129	13339	1.564	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5773	1.206	ug/L #	67

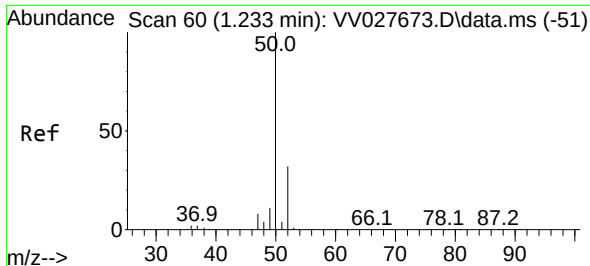
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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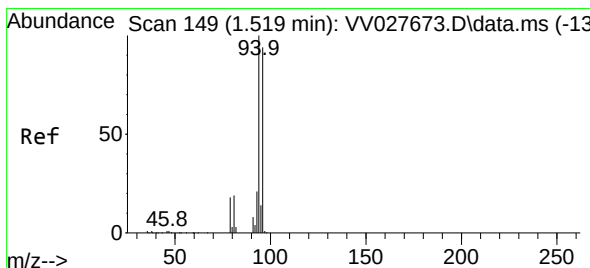
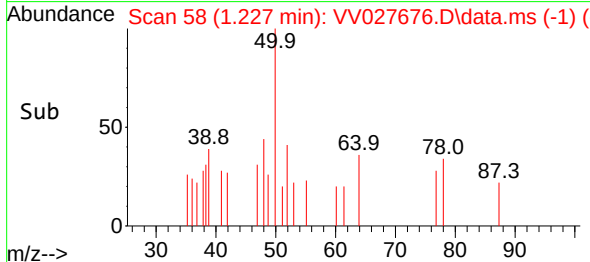
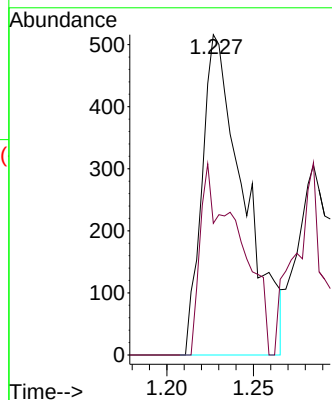
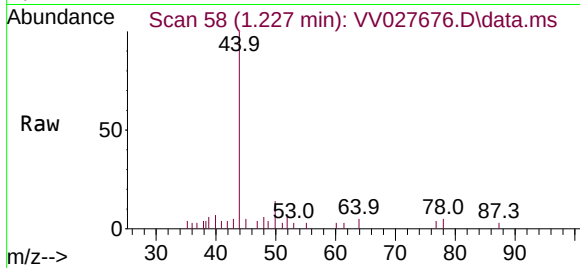




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.227 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

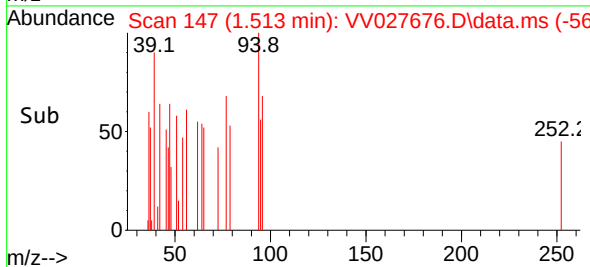
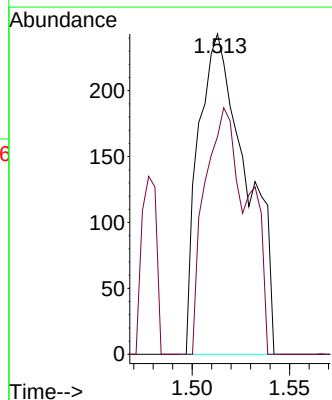
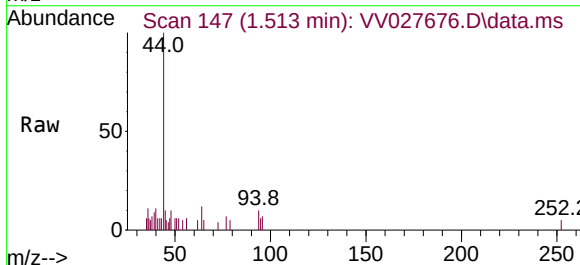
Instrument :
MSVOA_V
ClientSampleId :

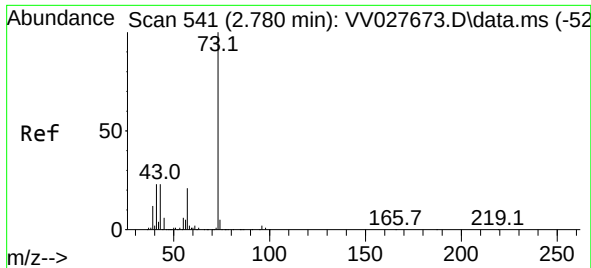
Tgt Ion: 50 Resp: 862
Ion Ratio Lower Upper
50 100
52 41.1 23.5 43.7



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.006 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 67.9 65.1 120.9

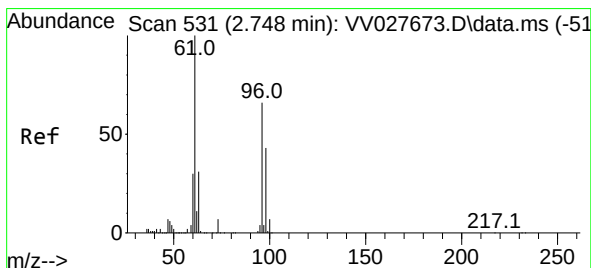
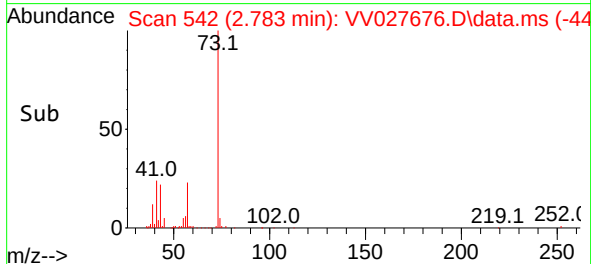
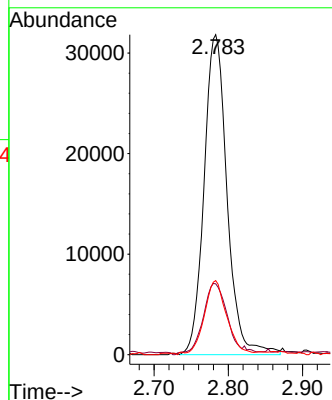
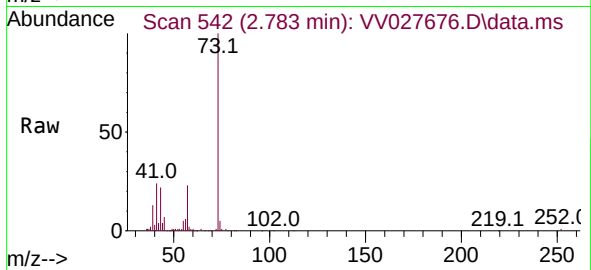




#17
Methyl tert-butyl Ether
Concen: 2.841 ug/L
RT: 2.783 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

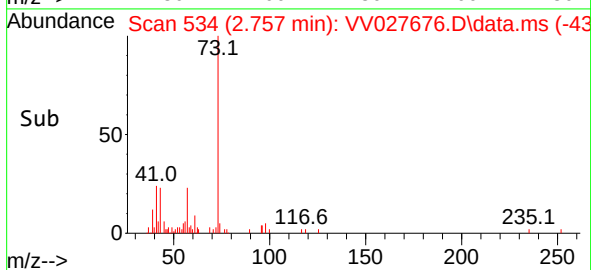
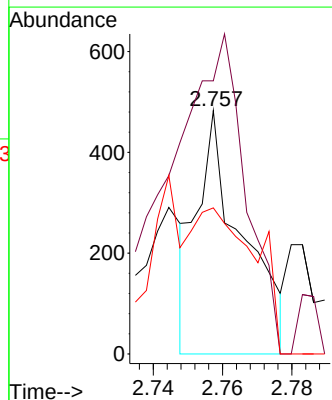
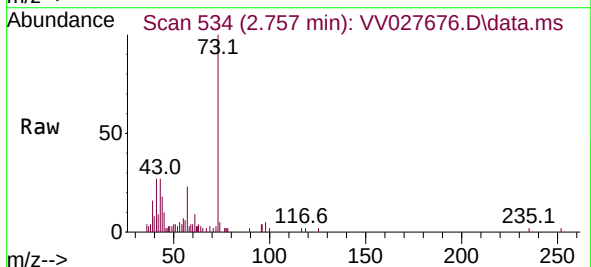
Instrument :
MSVOA_V
ClientSampleId :

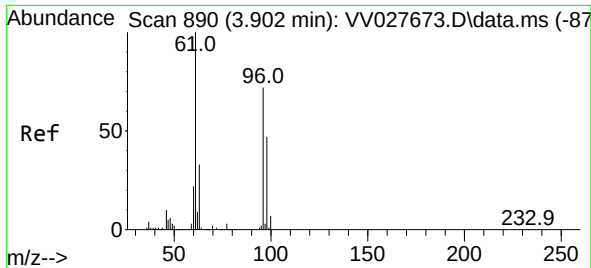
Tgt Ion: 73 Resp: 68510
Ion Ratio Lower Upper
73 100
43 23.9 16.5 24.7
57 21.2 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 0.034 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.010 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

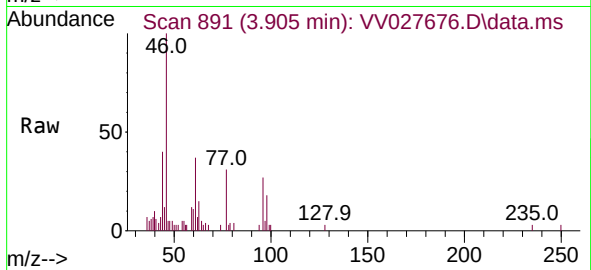
Tgt Ion: 96 Resp: 436
Ion Ratio Lower Upper
96 100
61 112.2 101.8 189.0
98 60.0 44.9 83.3



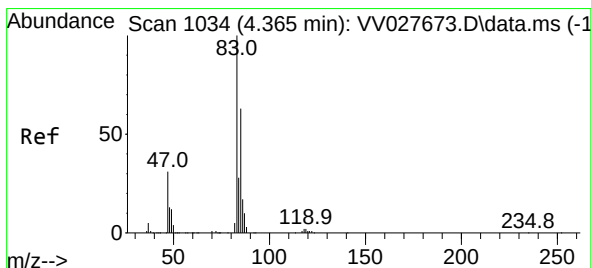
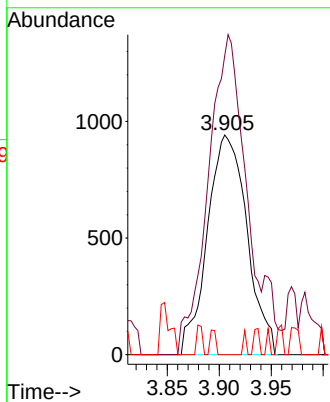
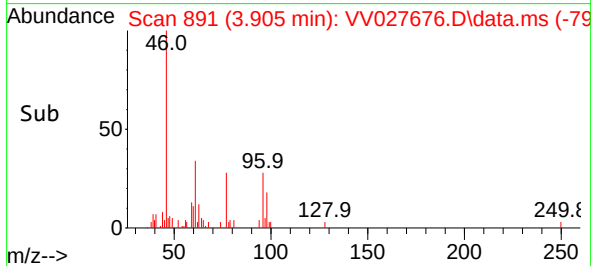


#22
 cis-1,2-Dichloroethene
 Concen: 0.196 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027676.D
 Acq: 01 Sep 2022 18:59

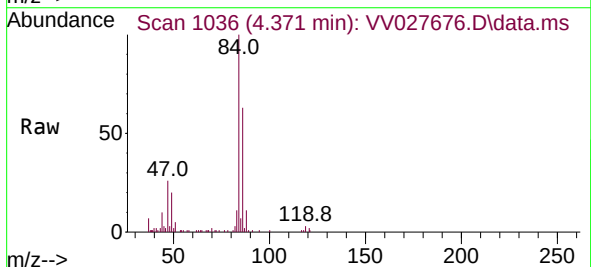
Instrument :
 MSVOA_V
 ClientSampleId :



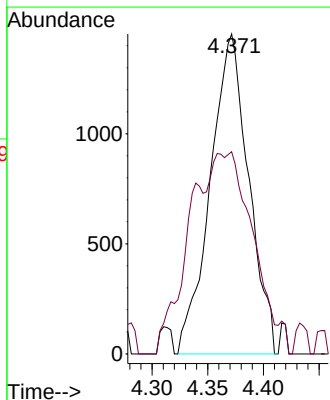
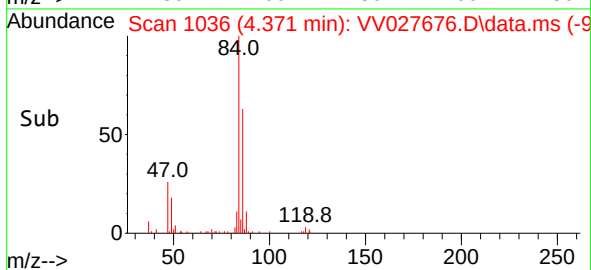
Tgt Ion: 96 Resp: 2501
 Ion Ratio Lower Upper
 96 100
 61 136.2 96.9 180.1
 68 0.0 0.0 0.0

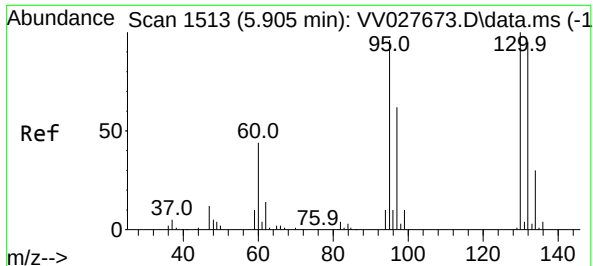


#25
 Chloroform
 Concen: 0.132 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV027676.D
 Acq: 01 Sep 2022 18:59



Tgt Ion: 83 Resp: 3476
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.7 83.1

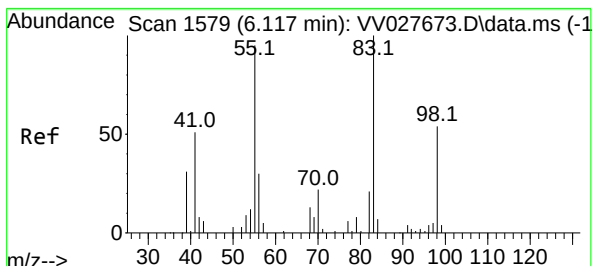
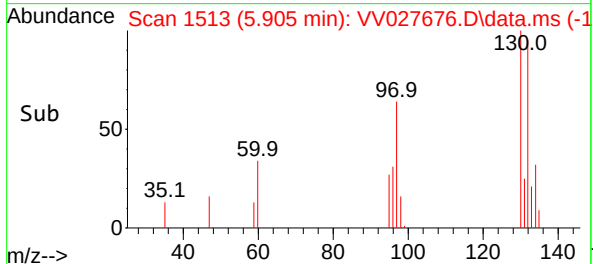
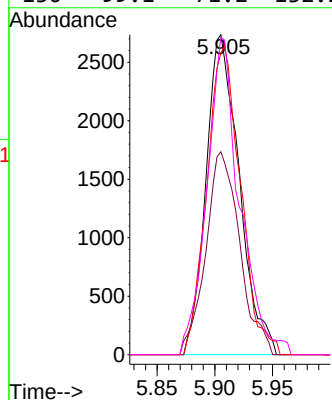
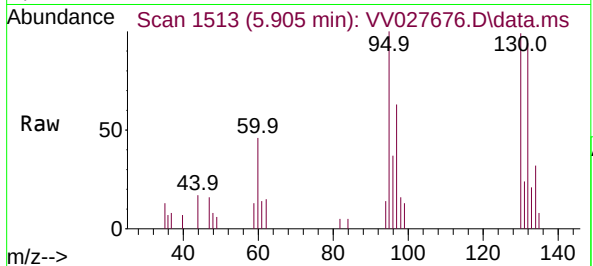




#34
Trichloroethene
Concen: 0.504 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

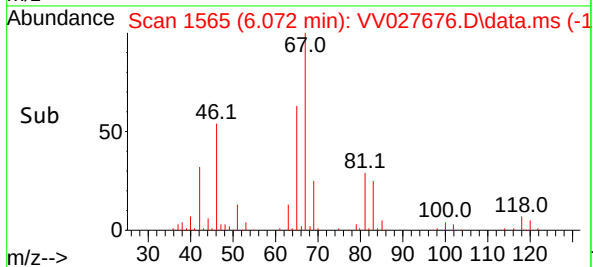
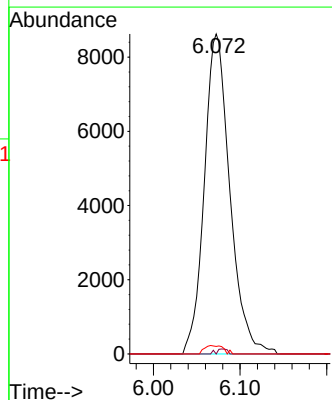
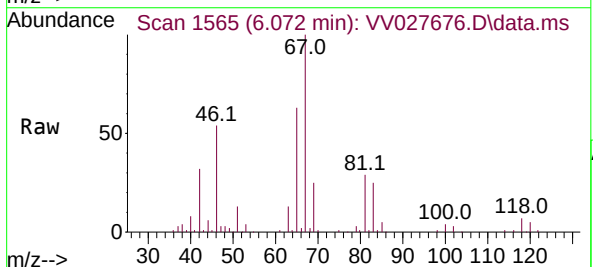
Instrument :
MSVOA_V
ClientSampleId :

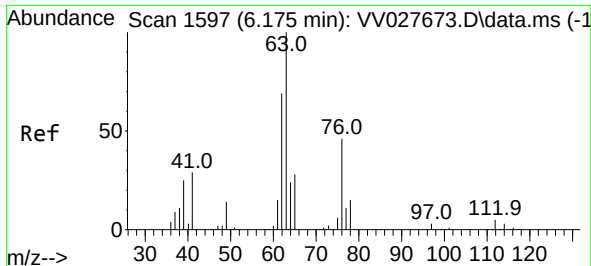
Tgt Ion:	95	Resp:	5478
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.1	85.5
132	94.2	67.3	125.1
130	99.1	71.2	132.2



#35
Methylcyclohexane
Concen: 1.049 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.045 min
Lab File: VV027676.D
Acq: 01 Sep 2022 18:59

Tgt Ion:	83	Resp:	17697
Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.0	99.0#
98	1.9	36.9	55.3#





#37

1,2-Dichloropropane

Concen: 0.796 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027676.D

Acq: 01 Sep 2022 18:59

Instrument :

MSVOA_V

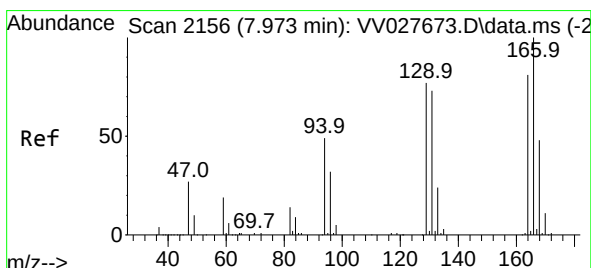
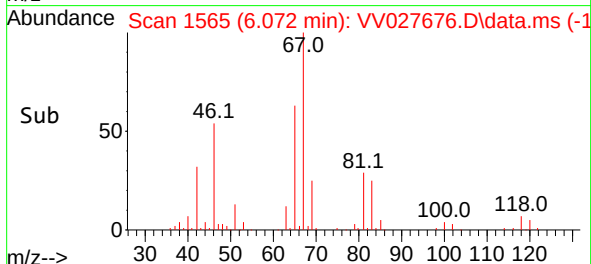
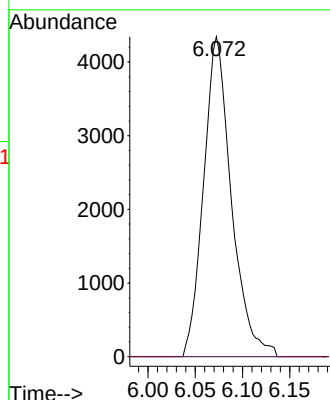
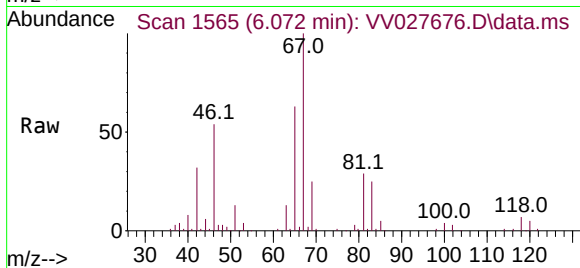
ClientSampleId :

Tgt Ion: 63 Resp: 8885

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#47

Tetrachloroethene

Concen: 1.575 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027676.D

Acq: 01 Sep 2022 18:59

Tgt Ion: 164 Resp: 13876

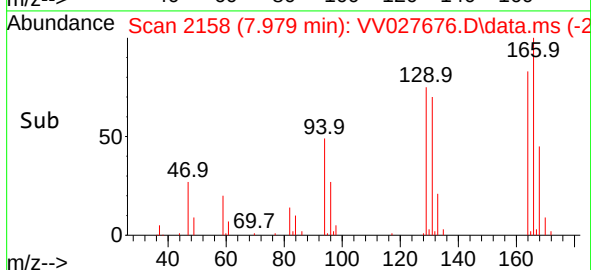
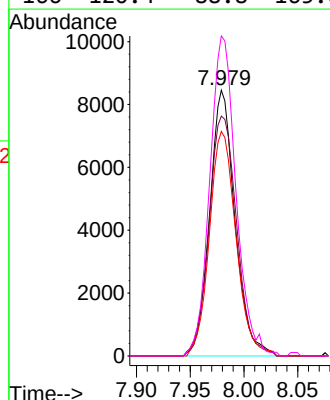
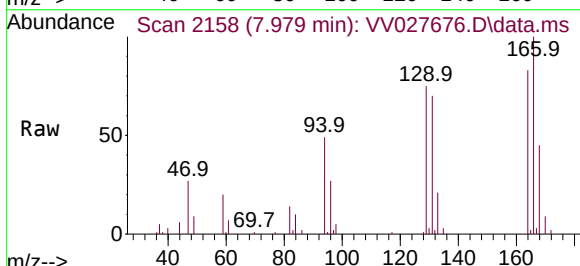
Ion Ratio Lower Upper

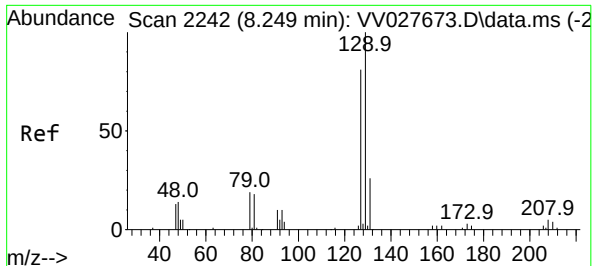
164 100

129 90.2 65.9 122.3

131 84.5 64.5 119.7

166 120.4 88.8 165.0





#49

Dibromochloromethane

Concen: 1.564 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV027676.D

Acq: 01 Sep 2022 18:59

Instrument :

MSVOA_V

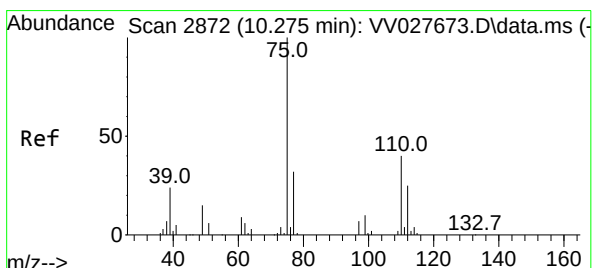
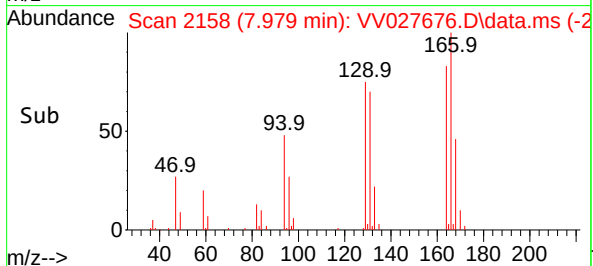
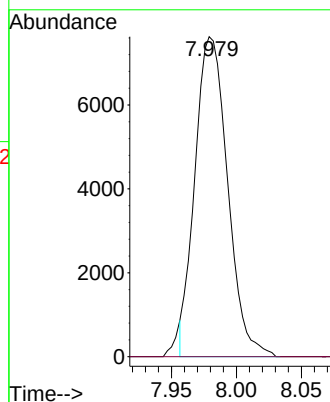
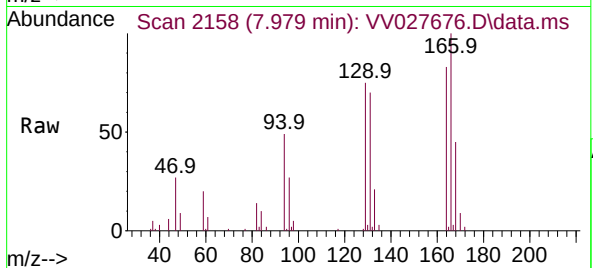
ClientSampleId :

Tgt Ion:129 Resp: 13339

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV027676.D

Acq: 01 Sep 2022 18:59

Tgt Ion: 75 Resp: 5773

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

110 1.6 29.8 44.8#

