

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022722.D
 Acq On : 11 Oct 2021 12:17
 Operator : SY/MD
 Sample : M4022-20DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:39:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

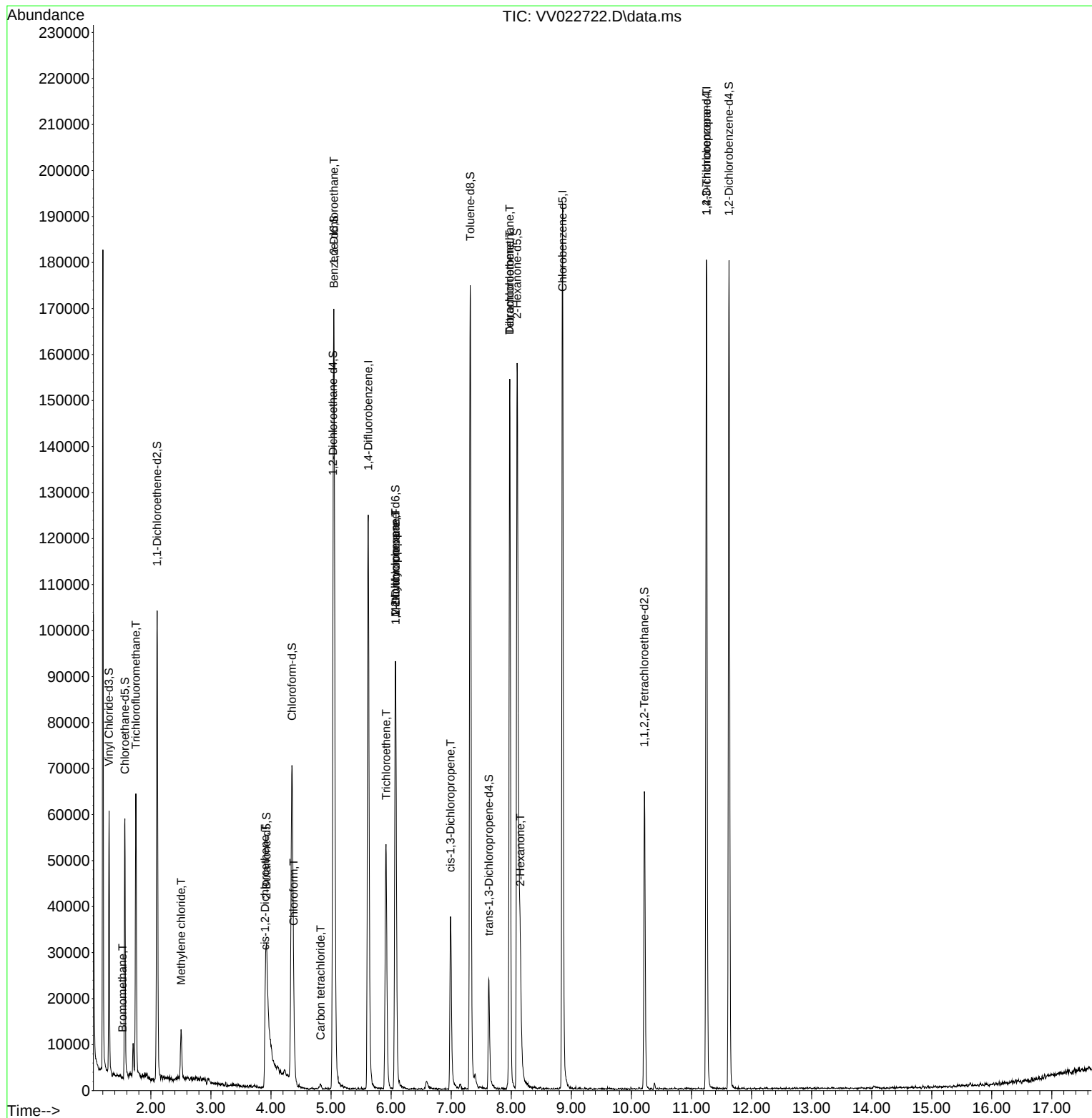
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109677	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34880	4.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	32860	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.105	63	51751	3.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.924	46	81729	41.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.620%
24) Chloroform-d	4.349	84	70898	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	37679	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.050	84	145333	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.072	67	47194	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.317	98	117883	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	13949	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.098	63	64427	48.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32249	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47528	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	215	0.042	ug/L #	32
9) Trichlorofluoromethane	1.751	101	34889	2.869	ug/L	99
16) Methylene chloride	2.503	84	4151	0.455	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	1995	0.264	ug/L	97
25) Chloroform	4.378	83	9280	0.617	ug/L	94
27) 1,2-Dichloroethane	5.047	62	821	0.109	ug/L #	69
31) Carbon tetrachloride	4.825	117	844	0.076	ug/L	92
34) Trichloroethene	5.915	95	17293	2.114	ug/L	99
35) Methylcyclohexane	6.072	83	11504	1.004	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	5062	0.700	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	985	0.103	ug/L #	52
47) Tetrachloroethene	7.976	164	35159	5.314	ug/L	98
48) 2-Hexanone	8.149	43	4159	1.463	ug/L #	83
49) Dibromochloromethane	7.976	129	31800	5.059	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5347	1.540	ug/L #	60

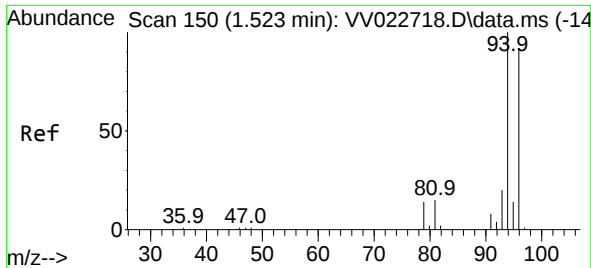
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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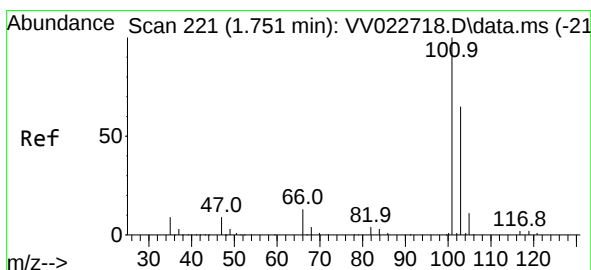
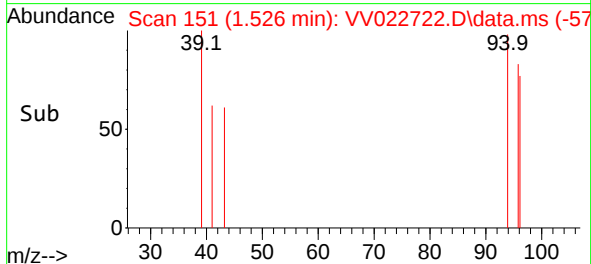
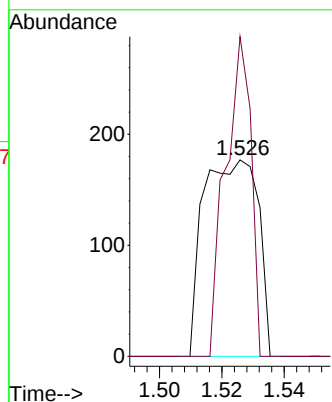
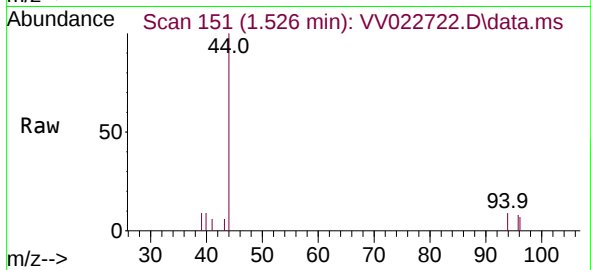




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

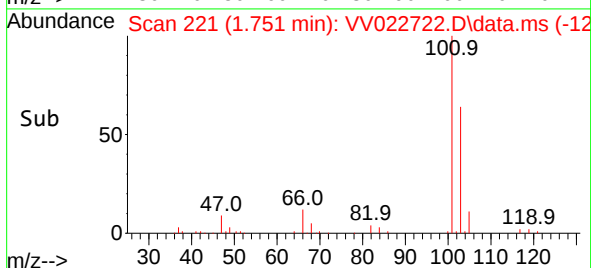
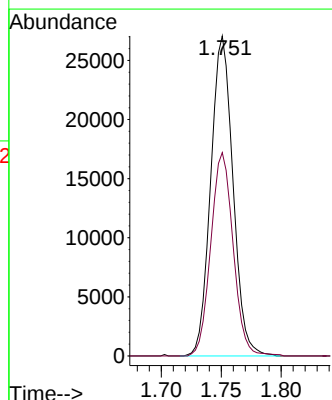
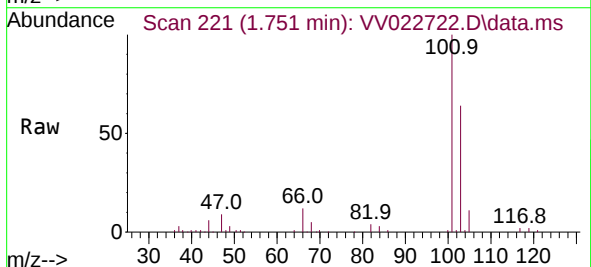
Instrument :
MSVOA_V
ClientSampleId :

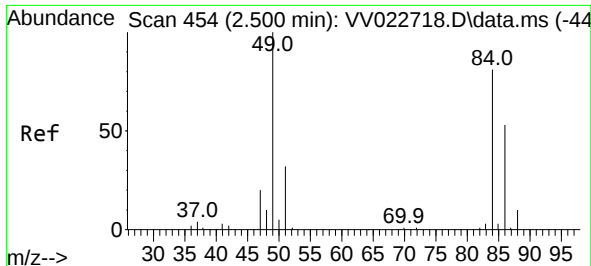
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 162.7 67.2 124.8#



#9
Trichlorofluoromethane
Concen: 2.869 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion:101 Resp: 34889
Ion Ratio Lower Upper
101 100
103 63.9 50.3 75.5

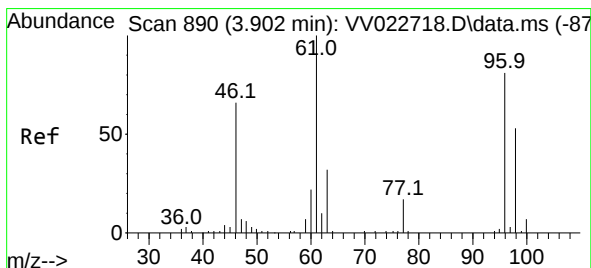
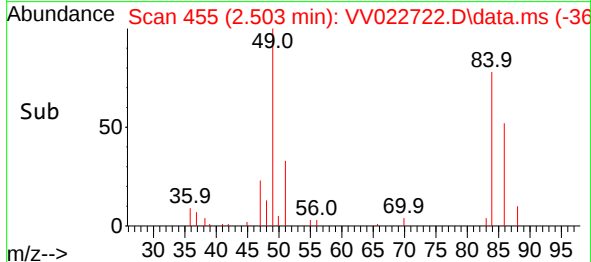
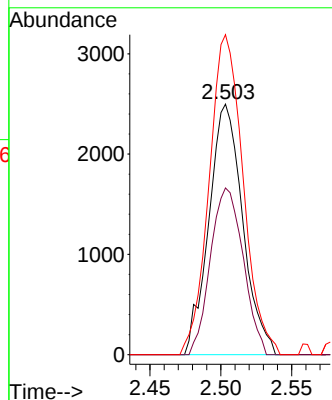
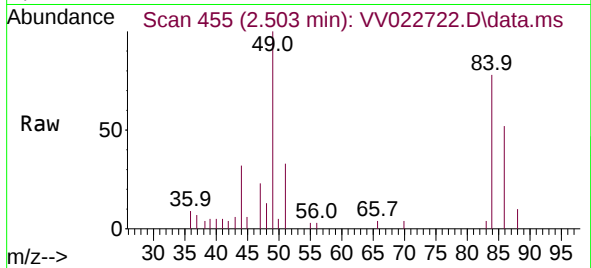




#16
Methylene chloride
Concen: 0.455 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

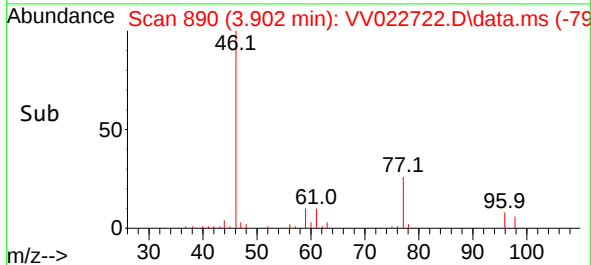
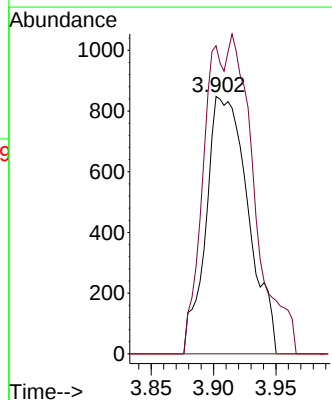
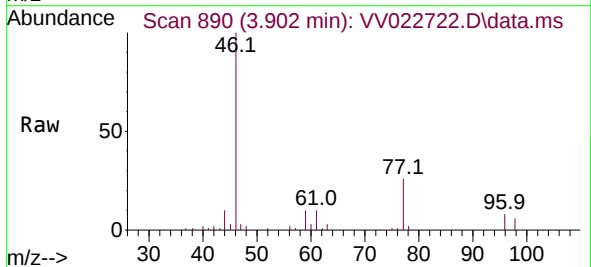
Instrument :
MSVOA_V
ClientSampleId :

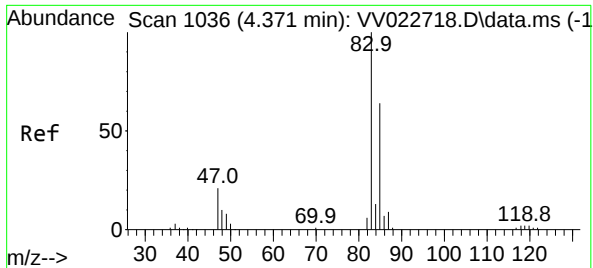
Tgt Ion: 84 Resp: 4151
Ion Ratio Lower Upper
84 100
86 66.5 45.8 85.2
49 127.7 90.3 167.7



#22
cis-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion: 96 Resp: 1995
Ion Ratio Lower Upper
96 100
61 119.7 86.0 159.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.617 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022722.D

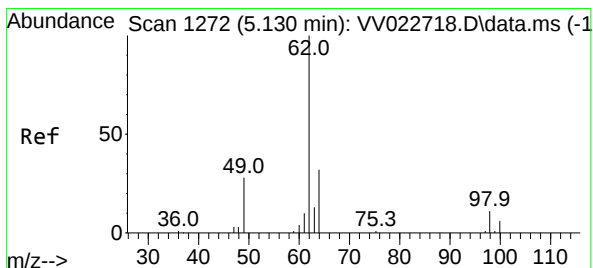
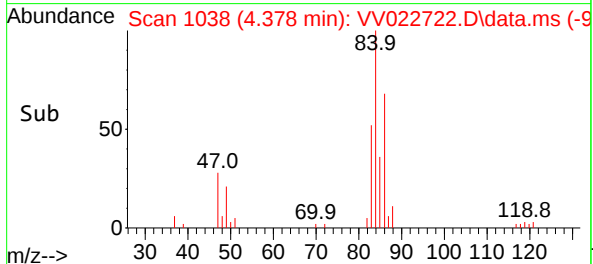
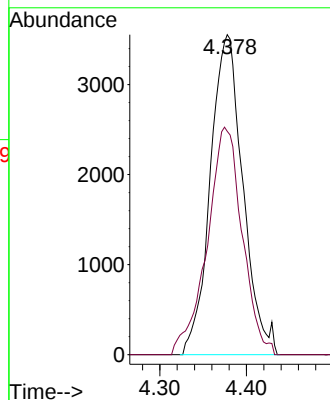
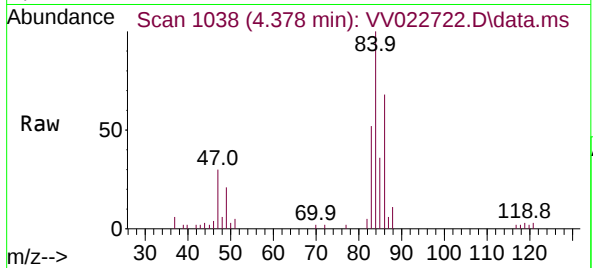
Acq: 11 Oct 2021 12:17

Tgt Ion: 83 Resp: 9280

Ion Ratio Lower Upper

83 100

85 69.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.084 min

Lab File: VV022722.D

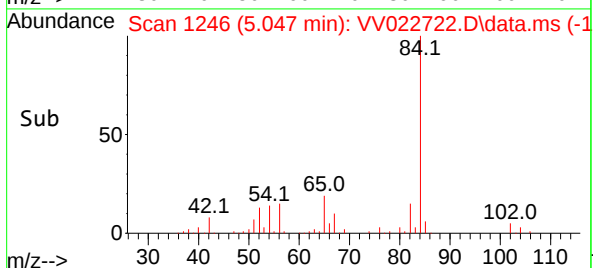
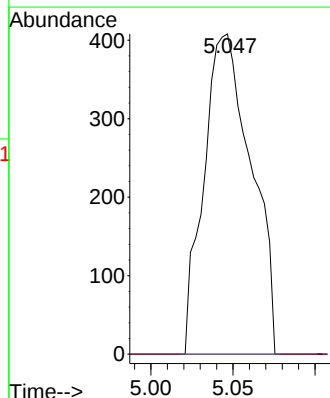
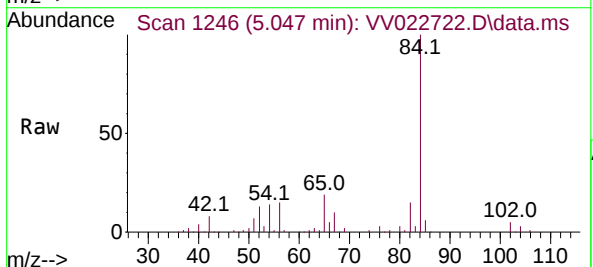
Acq: 11 Oct 2021 12:17

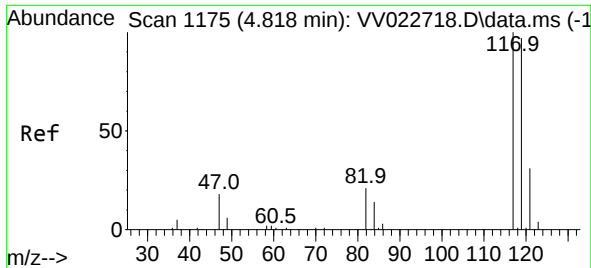
Tgt Ion: 62 Resp: 821

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#

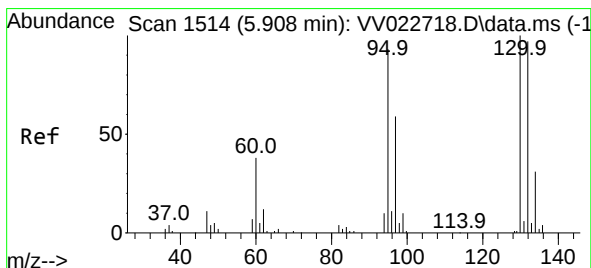
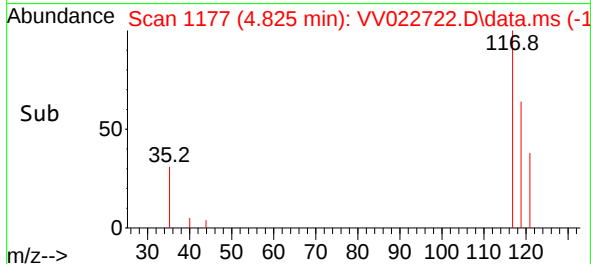
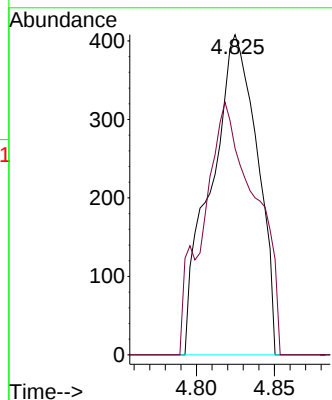
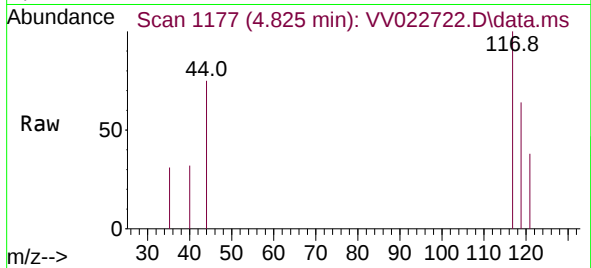




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

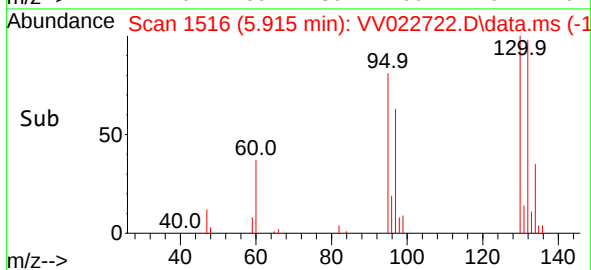
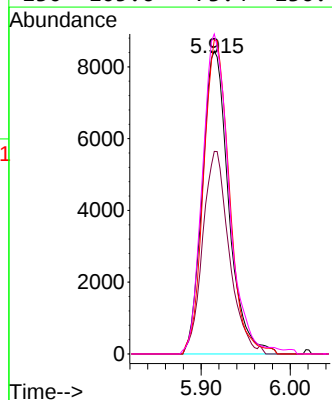
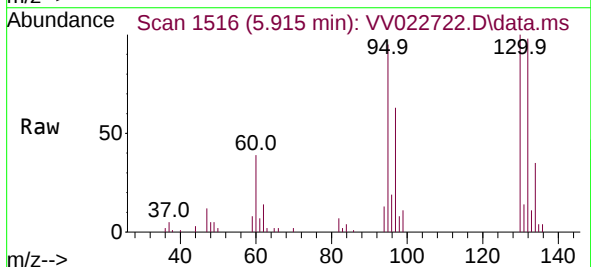
Instrument :
MSVOA_V
ClientSampled :

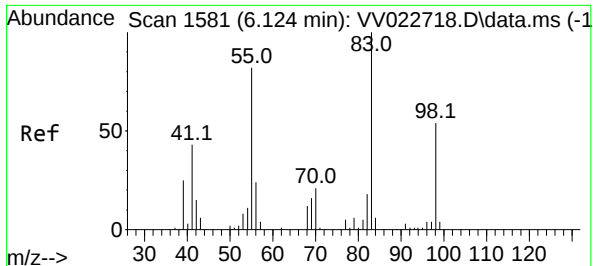
Tgt Ion:117 Resp: 844
Ion Ratio Lower Upper
117 100
119 89.0 77.4 116.0



#34
Trichloroethene
Concen: 2.114 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion: 95 Resp: 17293
Ion Ratio Lower Upper
95 100
97 66.9 45.8 85.2
132 103.6 72.2 134.0
130 105.6 73.4 136.4





#35

Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.072 min Scan# 1565

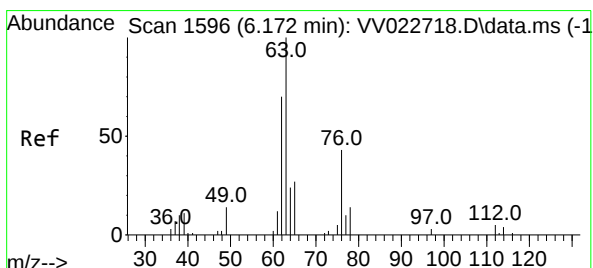
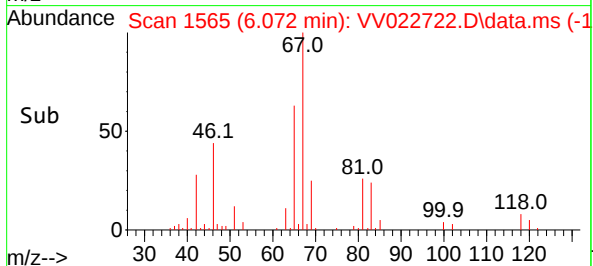
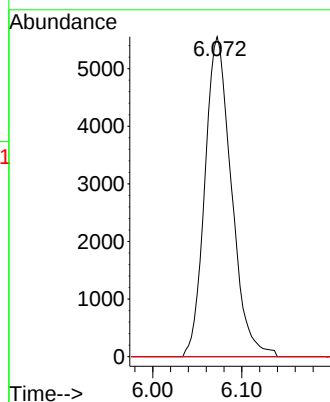
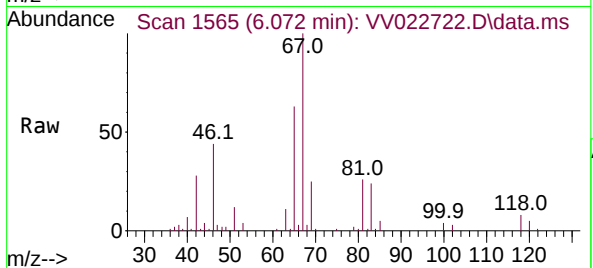
Delta R.T. -0.051 min

Lab File: VV022722.D

Acq: 11 Oct 2021 12:17

Tgt Ion:	83	Resp:	11504
Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.8	95.6#
98	2.5	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.700 ug/L

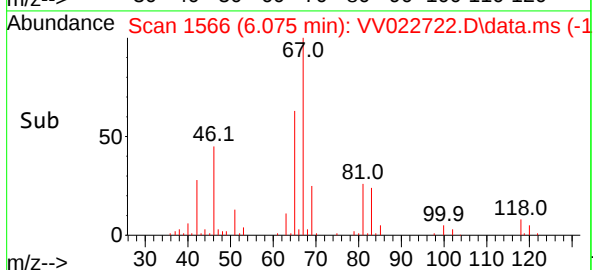
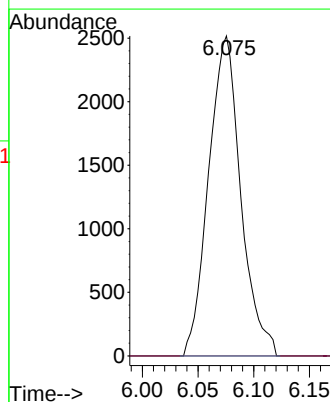
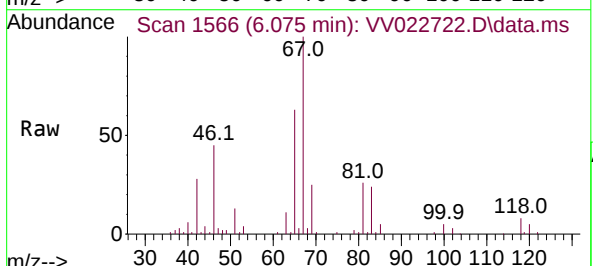
RT: 6.075 min Scan# 1566

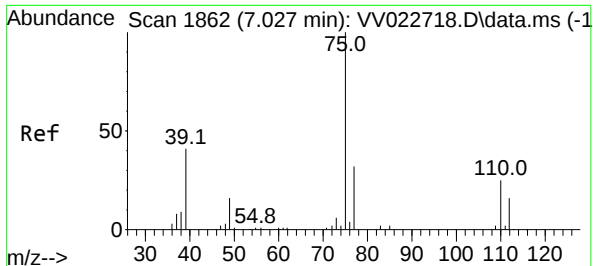
Delta R.T. -0.096 min

Lab File: VV022722.D

Acq: 11 Oct 2021 12:17

Tgt Ion:	63	Resp:	5062
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

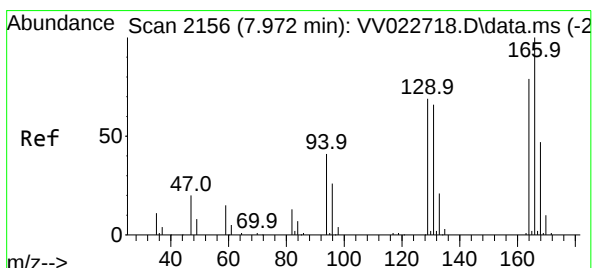
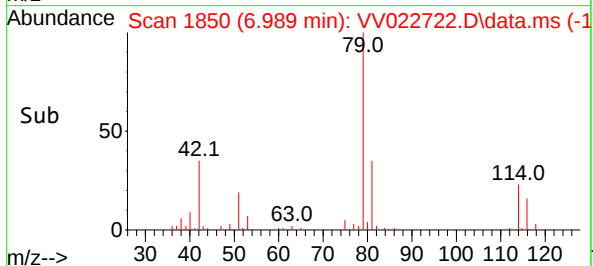
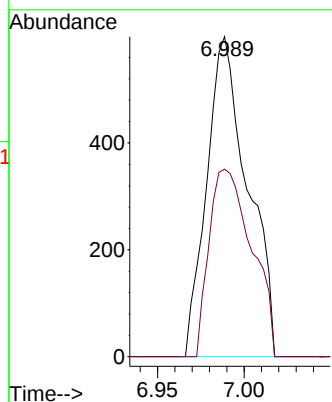
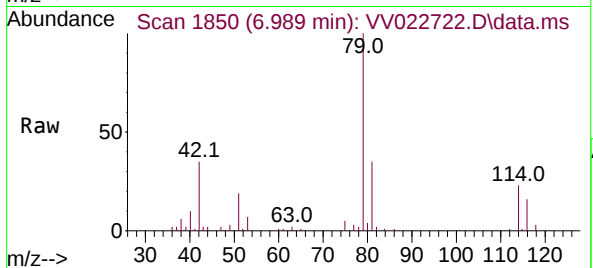




#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

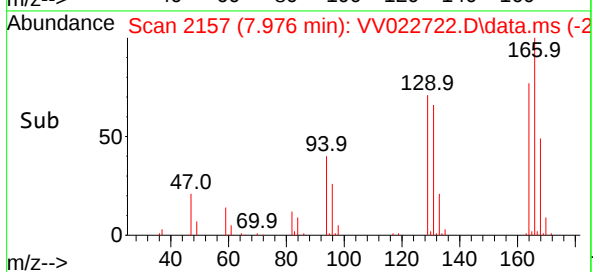
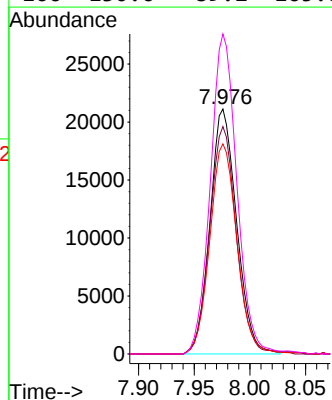
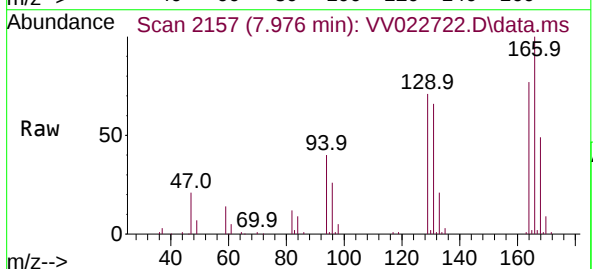
Instrument :
MSVOA_V
ClientSampled :

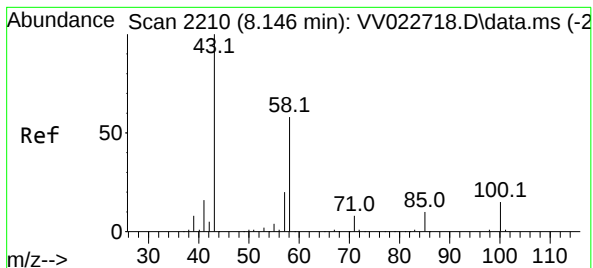
Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
77 58.6 22.3 41.3#



#47
Tetrachloroethene
Concen: 5.314 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion: 164 Resp: 35159
Ion Ratio Lower Upper
164 100
129 92.8 65.0 120.6
131 85.8 62.2 115.4
166 130.6 89.2 165.8





#48

2-Hexanone

Concen: 1.463 ug/L

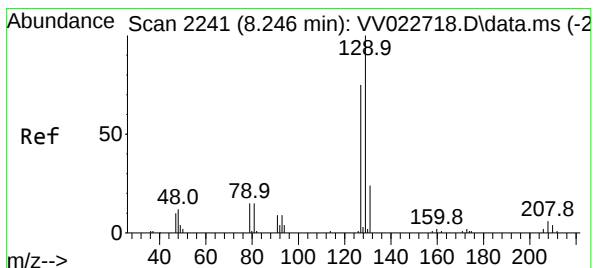
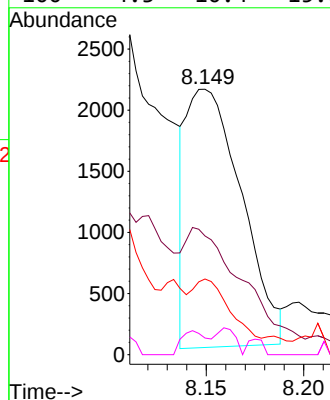
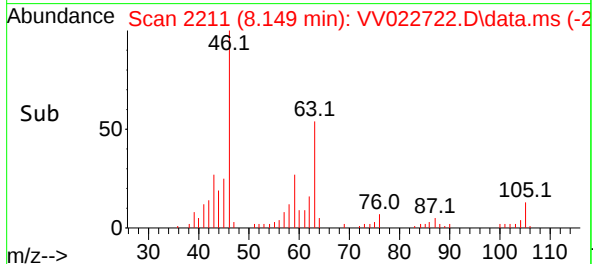
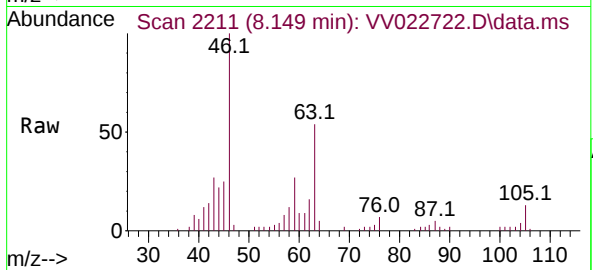
RT: 8.149 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VV022722.D

Acq: 11 Oct 2021 12:17

Tgt Ion:	43	Resp:	4159
Ion	Ratio	Lower	Upper
43	100		
58	44.4	47.4	71.0#
57	15.7	15.3	22.9
100	4.3	10.4	15.6#



#49

Dibromochloromethane

Concen: 5.059 ug/L

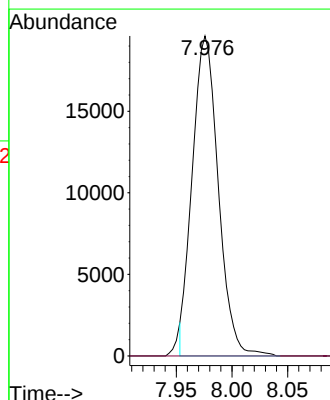
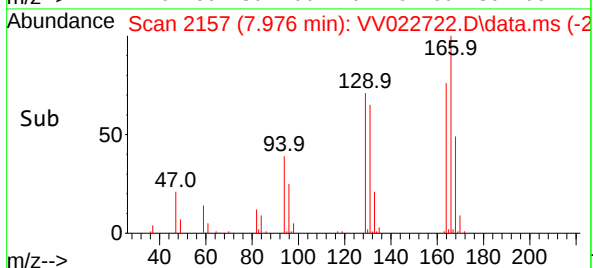
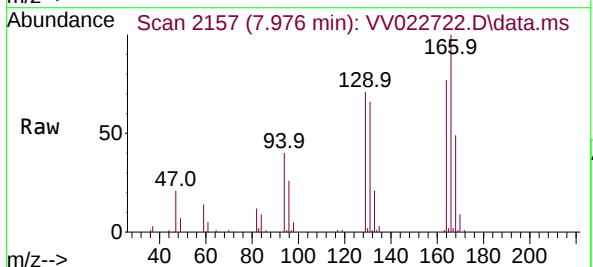
RT: 7.976 min Scan# 2157

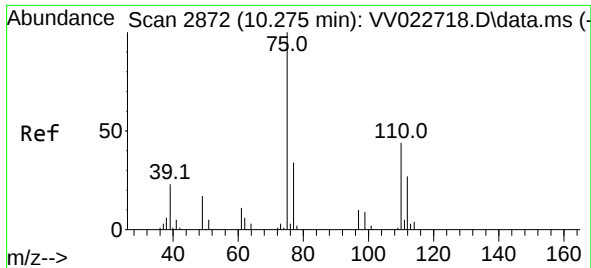
Delta R.T. -0.270 min

Lab File: VV022722.D

Acq: 11 Oct 2021 12:17

Tgt Ion:	129	Resp:	31800
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.540 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022722.D
 Acq: 11 Oct 2021 12:17

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5347
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.2
 110 0.0 34.2 51.4#

