

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022720.D
 Acq On : 11 Oct 2021 11:30
 Operator : SY/MD
 Sample : M4022-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:39:25 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)

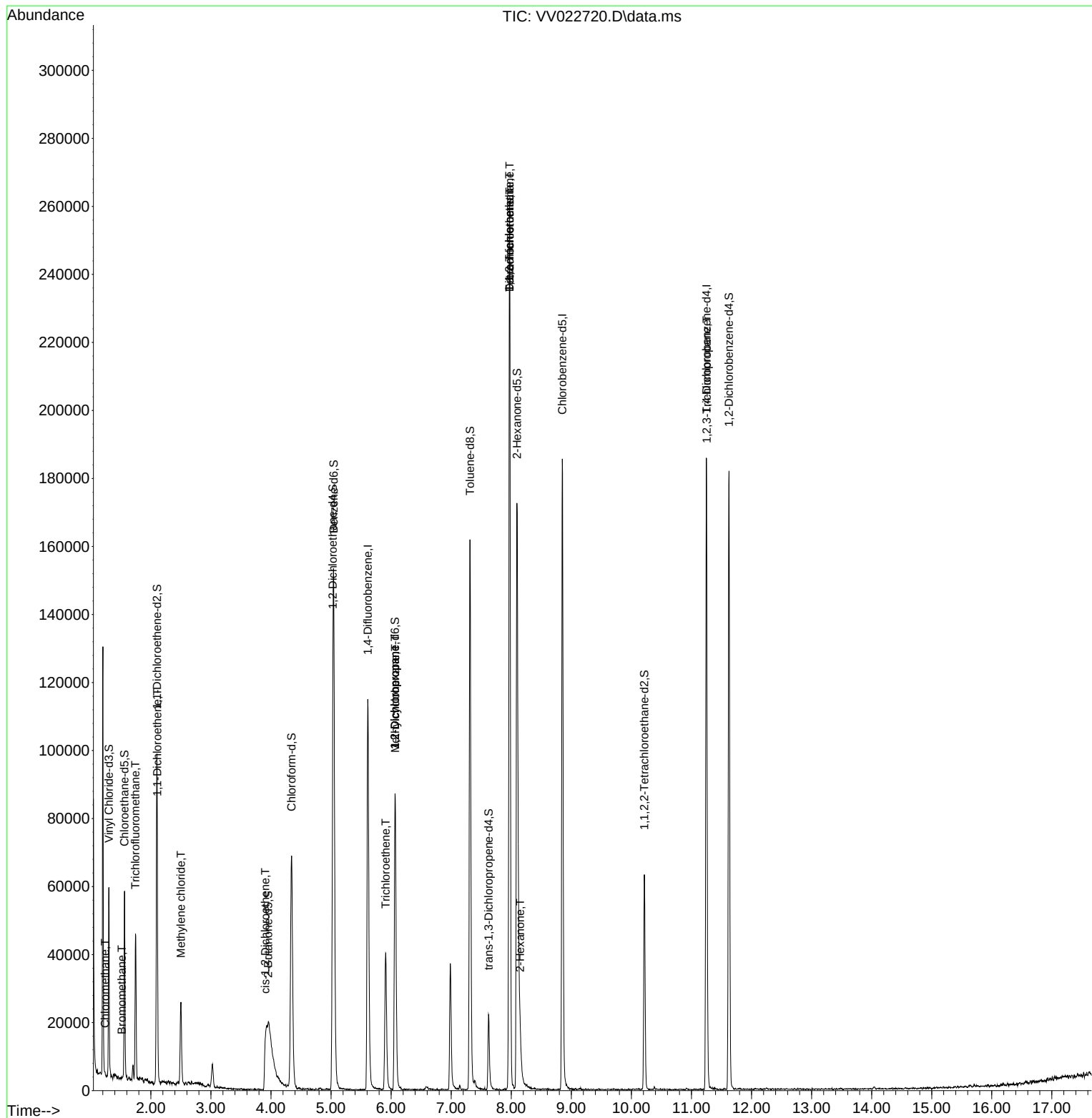
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	103638	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	106275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31929	4.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.561	69	31468	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.101	63	49529	3.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.953	46	92113	49.268	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.540%
24) Chloroform-d	4.342	84	71925	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.031	65	34450	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.043	84	135170	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.066	67	42698	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.313	98	109771	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	13183	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.095	63	62655	50.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30326	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49070	5.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	384	0.051	ug/L #	80
6) Bromomethane	1.516	94	231	0.047	ug/L #	65
9) Trichlorofluoromethane	1.744	101	24319	2.117	ug/L	98
12) 1,1-Dichloroethene	2.108	96	487	0.078	ug/L #	1
16) Methylene chloride	2.500	84	9545	1.108	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	901	0.126	ug/L	94
34) Trichloroethene	5.908	95	12882	1.655	ug/L	96
35) Methylcyclohexane	6.069	83	10561	0.968	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	4700	0.683	ug/L #	84
45) 1,1,2-Trichloroethane	7.969	97	399	0.078	ug/L #	1
47) Tetrachloroethene	7.973	164	60184	9.561	ug/L	98
48) 2-Hexanone	8.146	43	6832	2.526	ug/L #	81
49) Dibromochloromethane	7.973	129	51112	8.547	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5616	1.587	ug/L #	60

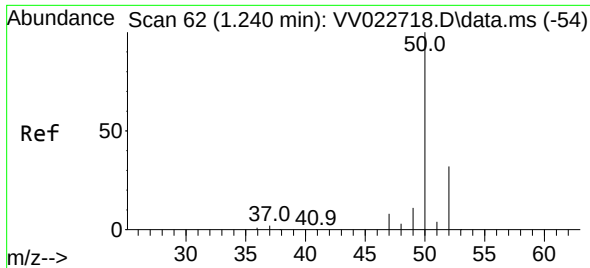
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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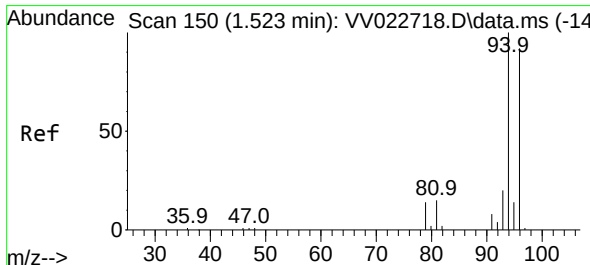
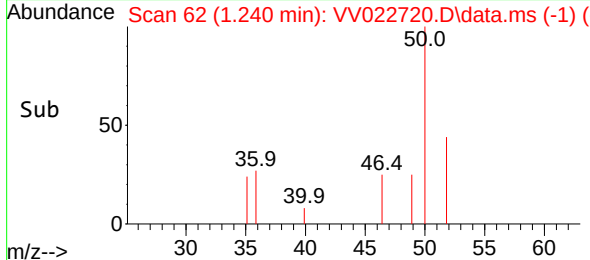
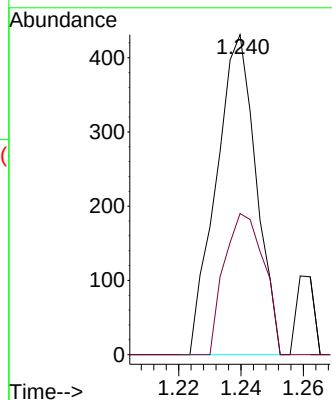
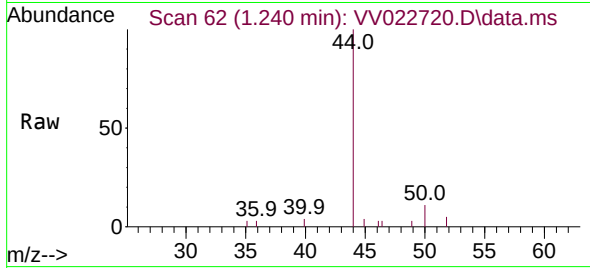




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

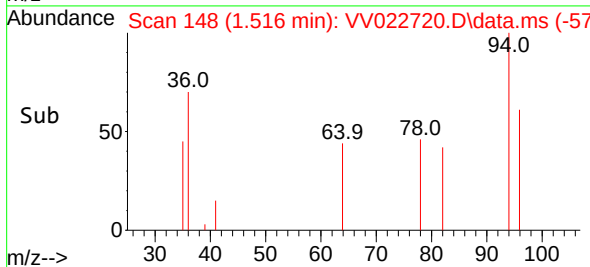
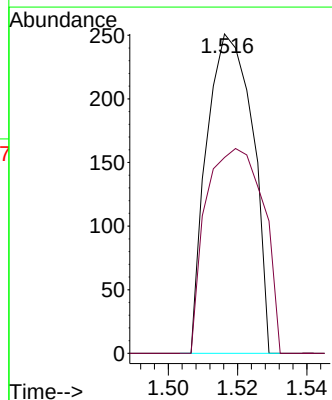
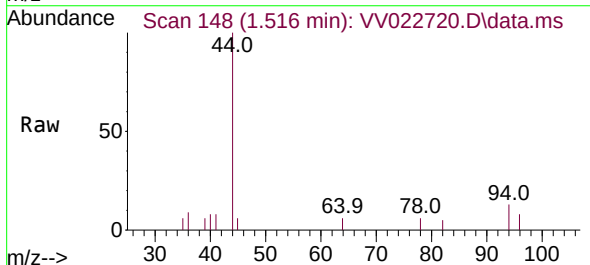
Instrument :
MSVOA_V
ClientSampled :

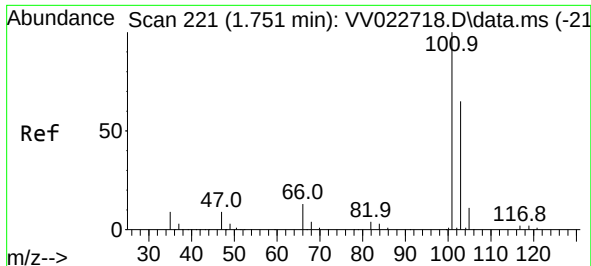
Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 44.1 22.9 42.5#



#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.006 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 61.4 67.2 124.8#

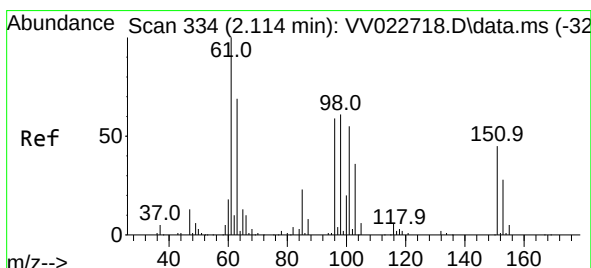
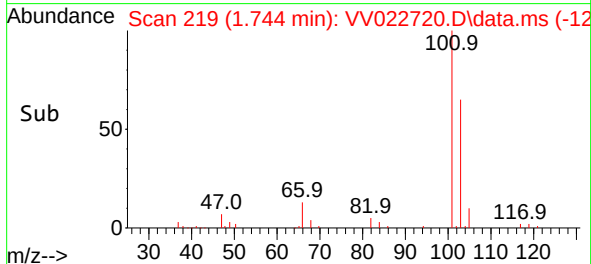
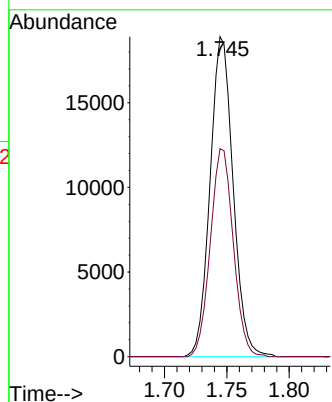
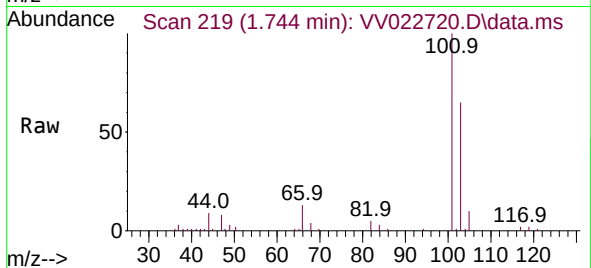




#9
 Trichlorofluoromethane
 Concen: 2.117 ug/L
 RT: 1.744 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VV022720.D
 Acq: 11 Oct 2021 11:30

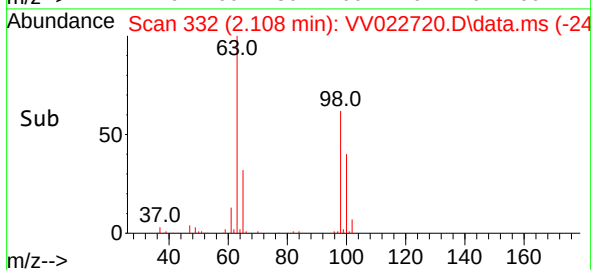
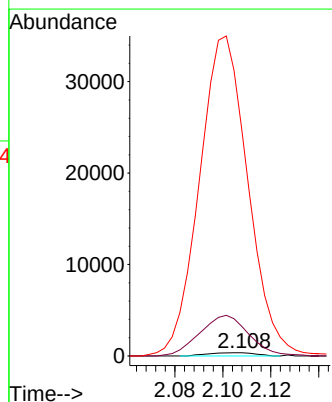
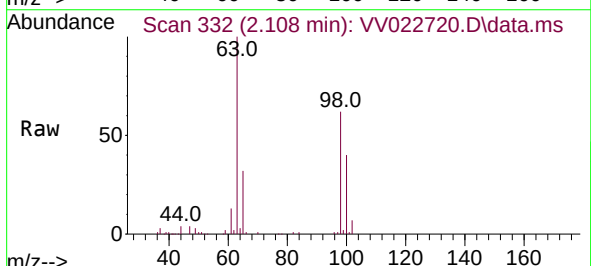
Instrument :
 MSVOA_V
 ClientSampled :

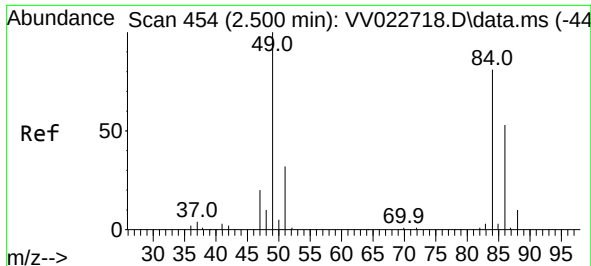
Tgt Ion:101 Resp: 24319
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.3 75.5



#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV022720.D
 Acq: 11 Oct 2021 11:30

Tgt Ion: 96 Resp: 487
 Ion Ratio Lower Upper
 96 100
 61 905.8 127.3 236.5#
 63 6937.0 106.2 197.2#

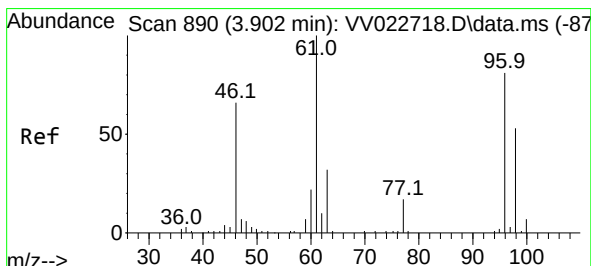
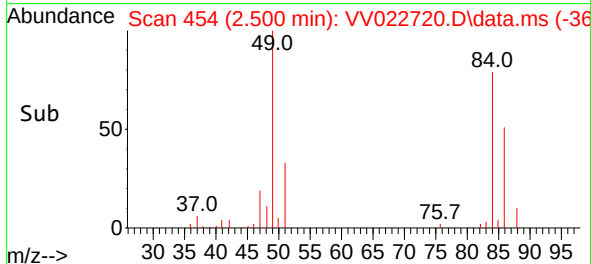
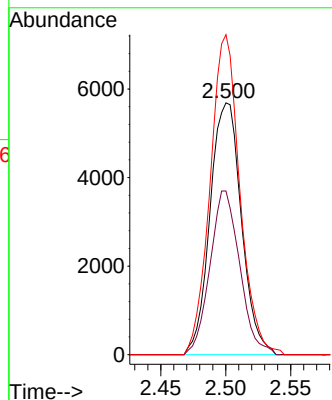
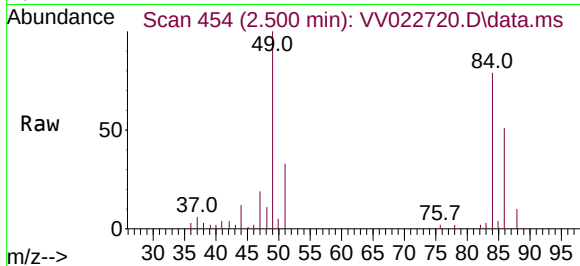




#16
Methylene chloride
Concen: 1.108 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

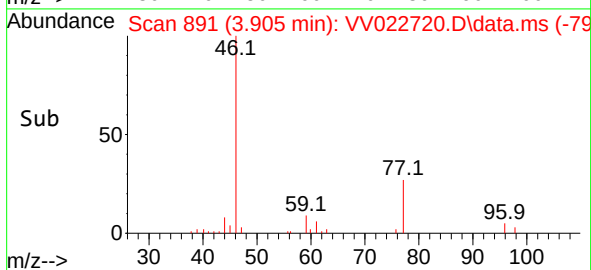
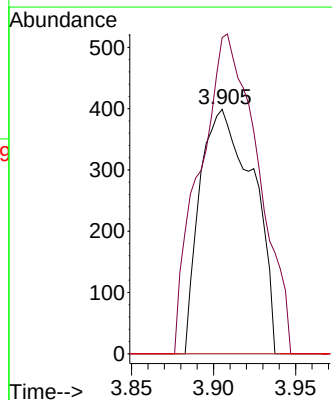
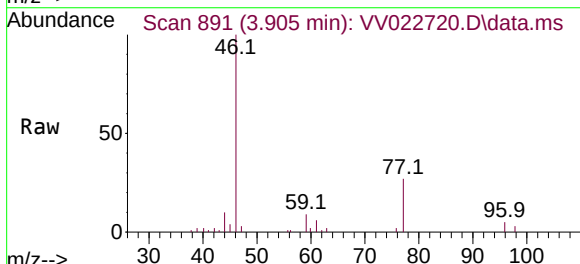
Instrument :
MSVOA_V
ClientSampleId :

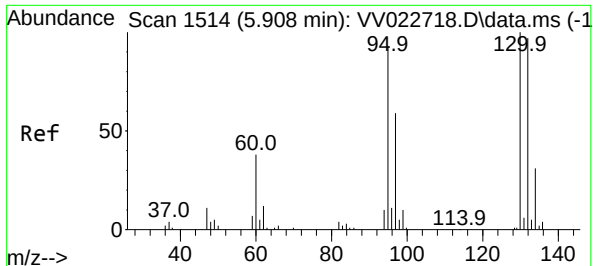
Tgt Ion:	84	Resp:	9545
Ion	Ratio	Lower	Upper
84	100		
86	65.0	45.8	85.2
49	127.0	90.3	167.7



#22
cis-1,2-Dichloroethene
Concen: 0.126 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

Tgt Ion:	96	Resp:	901
Ion	Ratio	Lower	Upper
96	100		
61	129.3	86.0	159.6
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 1.655 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV022720.D

Acq: 11 Oct 2021 11:30

Tgt Ion: 95 Resp: 12882

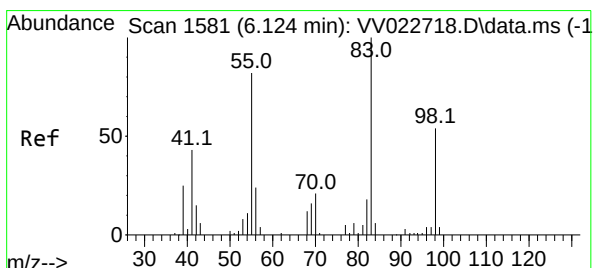
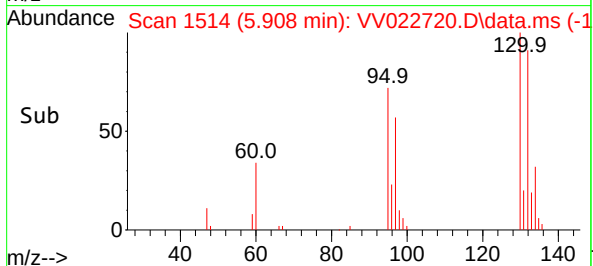
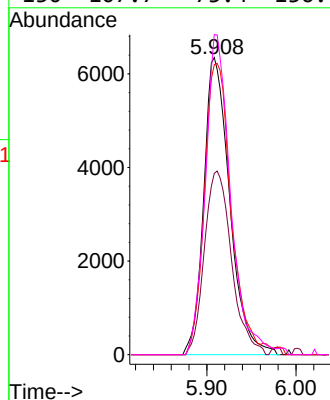
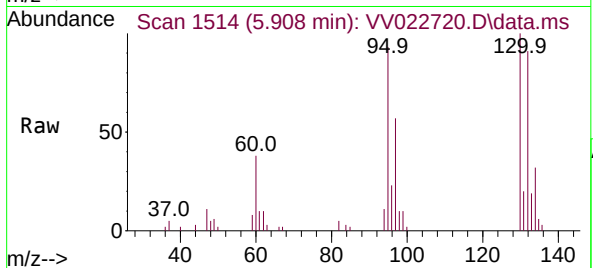
Ion Ratio Lower Upper

95 100

97 61.0 45.8 85.2

132 97.6 72.2 134.0

130 107.7 73.4 136.4



#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV022720.D

Acq: 11 Oct 2021 11:30

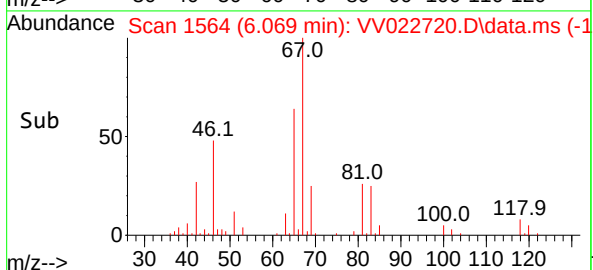
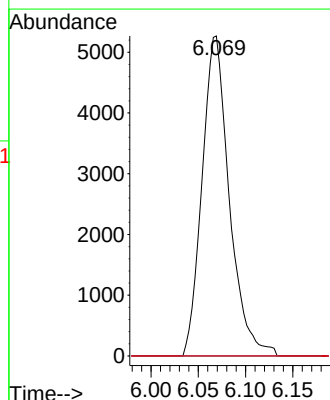
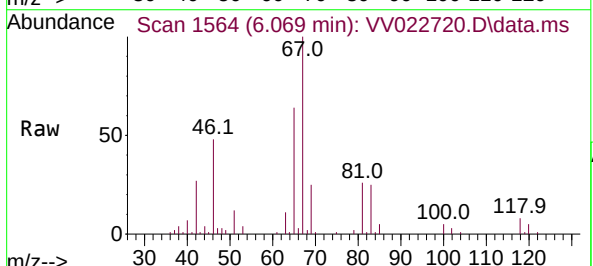
Tgt Ion: 83 Resp: 10561

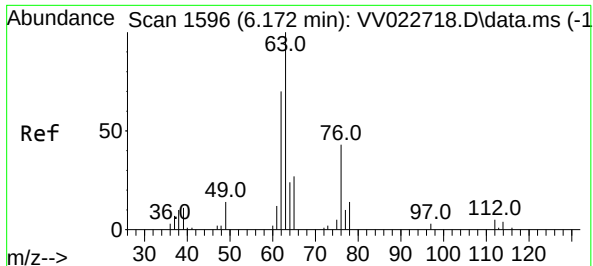
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 2.2 42.1 63.1#



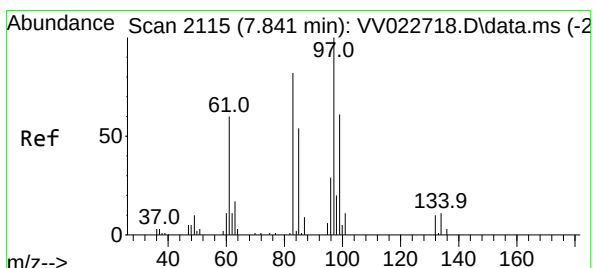
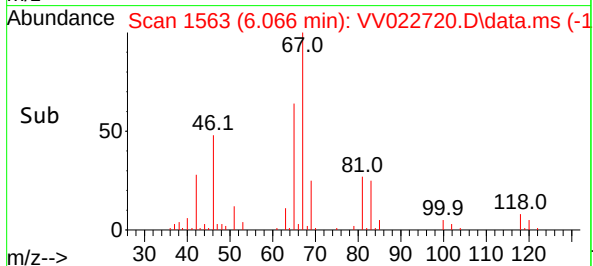
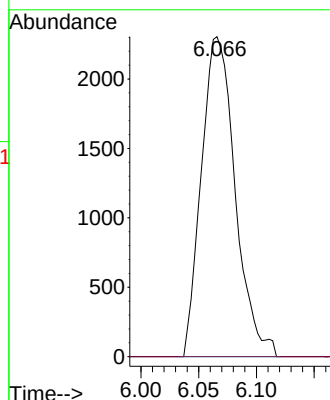
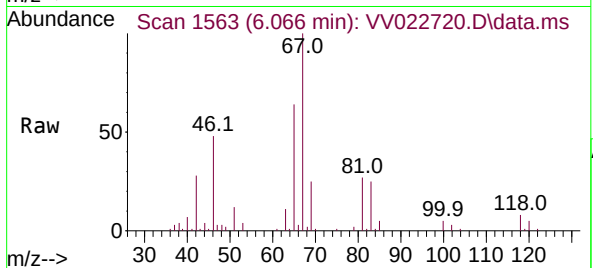


#37

1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

Instrument :
MSVOA_V
ClientSampled :

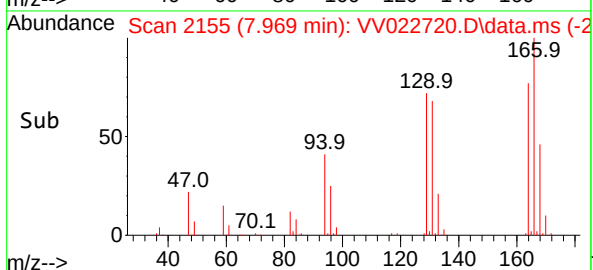
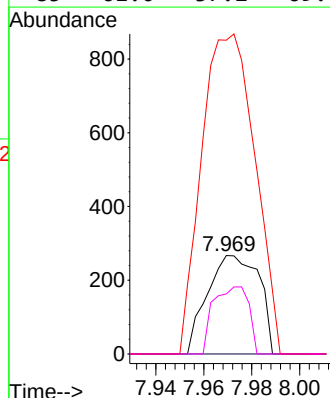
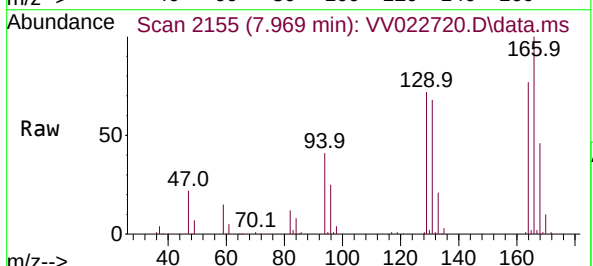
Tgt Ion: 63 Resp: 4700
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

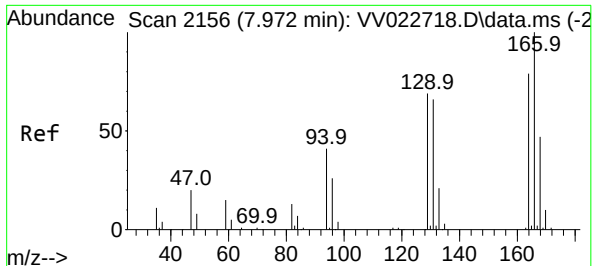


#45

1,1,2-Trichloroethane
Concen: 0.078 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.129 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

Tgt Ion: 97 Resp: 399
Ion Ratio Lower Upper
97 100
99 0.0 44.5 82.7#
83 318.7 56.6 105.0#
85 61.0 37.2 69.0

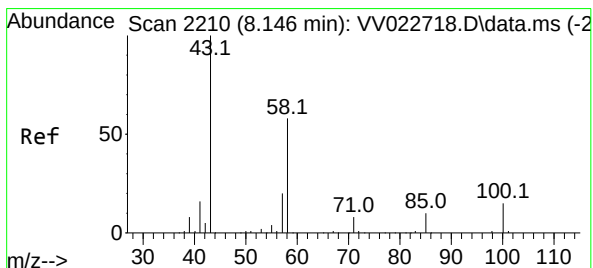
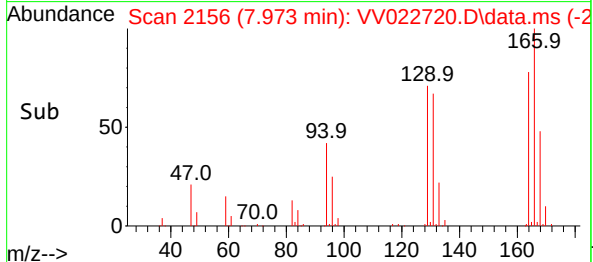
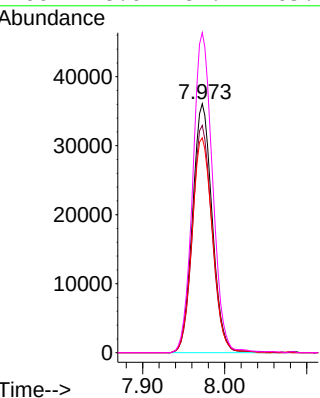
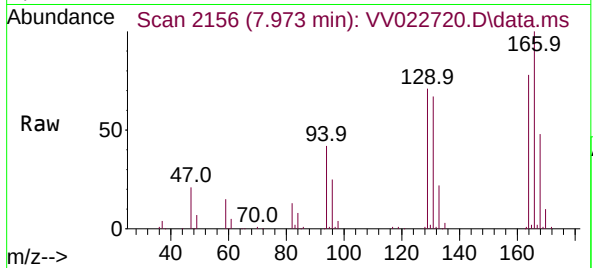




#47
Tetrachloroethene
Concen: 9.561 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

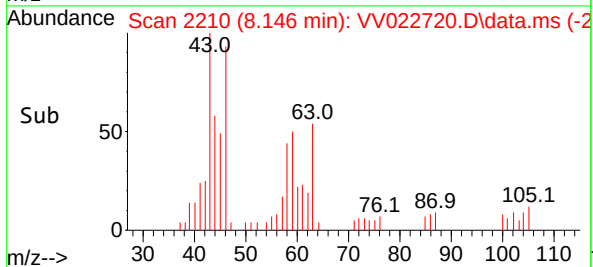
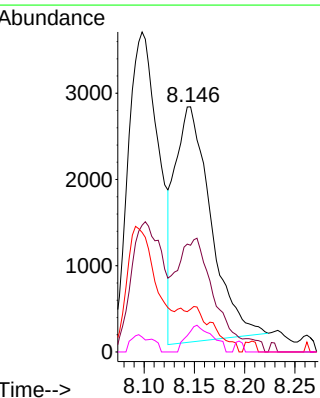
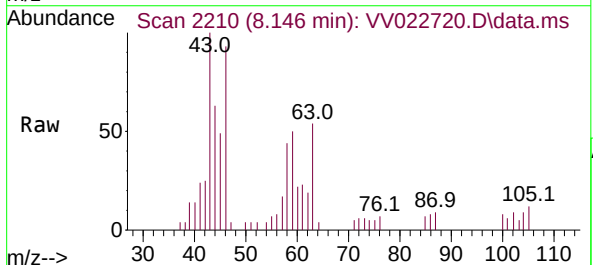
Instrument :
MSVOA_V
ClientSampled :

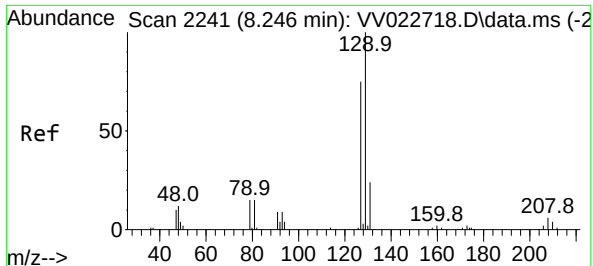
Tgt Ion:164 Resp: 60184
Ion Ratio Lower Upper
164 100
129 91.3 65.0 120.6
131 86.4 62.2 115.4
166 128.6 89.2 165.8



#48
2-Hexanone
Concen: 2.526 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VV022720.D
Acq: 11 Oct 2021 11:30

Tgt Ion: 43 Resp: 6832
Ion Ratio Lower Upper
43 100
58 49.7 47.4 71.0
57 0.0 15.3 22.9#
100 8.0 10.4 15.6#





#49

Dibromochloromethane

Concen: 8.547 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV022720.D

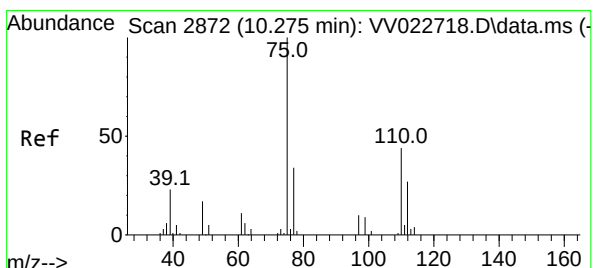
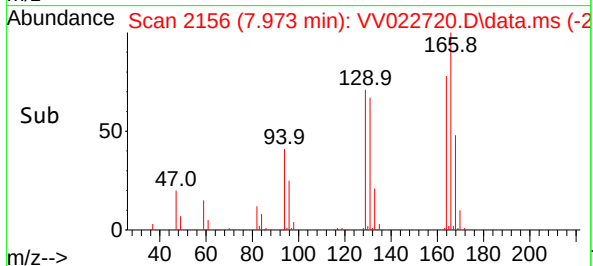
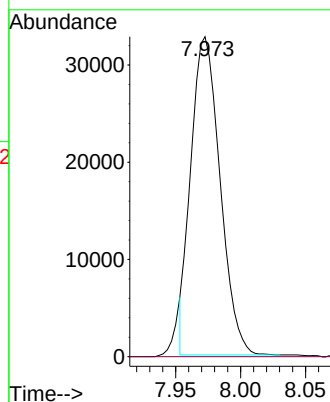
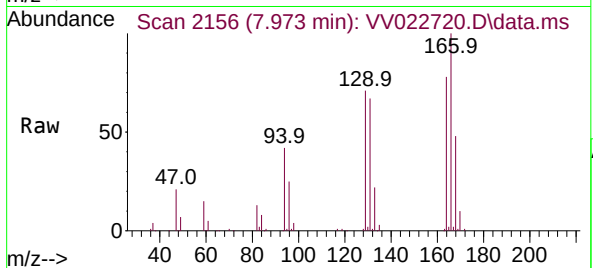
Acq: 11 Oct 2021 11:30

Tgt Ion:129 Resp: 51112

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.587 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022720.D

Acq: 11 Oct 2021 11:30

Tgt Ion: 75 Resp: 5616

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.2

110 2.0 34.2 51.4#

