

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022764.D
 Acq On : 13 Oct 2021 16:14
 Operator : SY/MD
 Sample : M4109-10DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:14:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

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

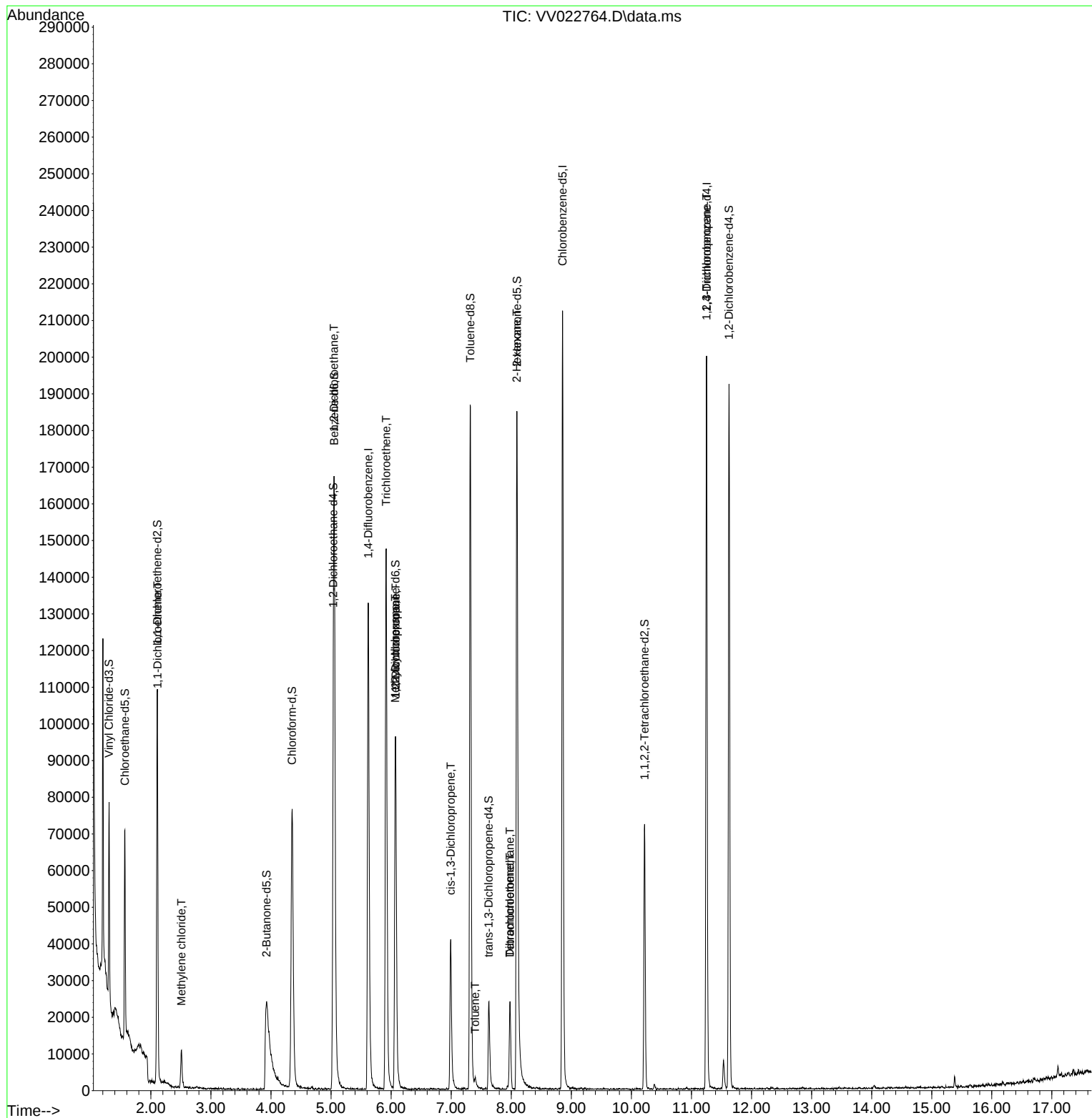
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34477	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.568	69	34693	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.108	63	54550	3.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.928	46	82547	39.036	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.080%
24) Chloroform-d	4.352	84	81022	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.037	65	36619	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.053	84	150948	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.072	67	48953	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.320	98	127074	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	14808	4.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.095	63	74797	51.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.580%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34422	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	51912	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	600	0.085	ug/L #	1
16) Methylene chloride	2.510	84	4458	0.457	ug/L	87
27) 1,2-Dichloroethane	5.050	62	771	0.096	ug/L #	69
34) Trichloroethene	5.915	95	51531	5.742	ug/L	99
35) Methylcyclohexane	6.069	83	12685	1.009	ug/L #	16
37) 1,2-Dichloropropane	6.076	63	5194	0.654	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1187	0.113	ug/L #	80
42) Toluene	7.400	91	2159	0.064	ug/L #	70
47) Tetrachloroethene	7.979	164	5365	0.739	ug/L	97
48) 2-Hexanone	8.092	43	8217	2.635	ug/L #	66
49) Dibromochloromethane	7.979	129	5367	0.778	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5794	1.512	ug/L #	61

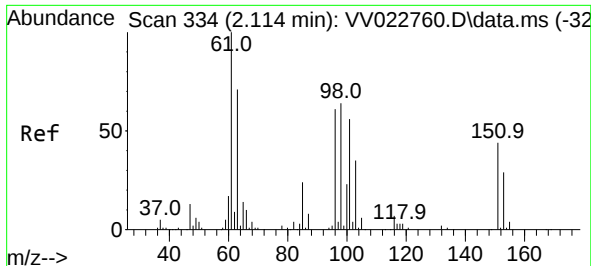
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

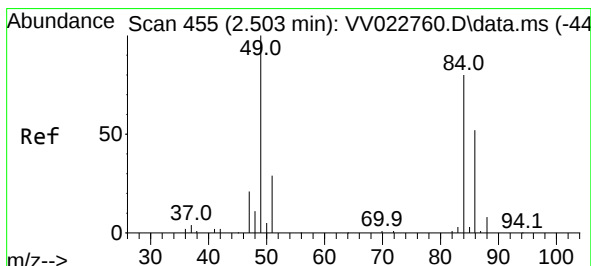
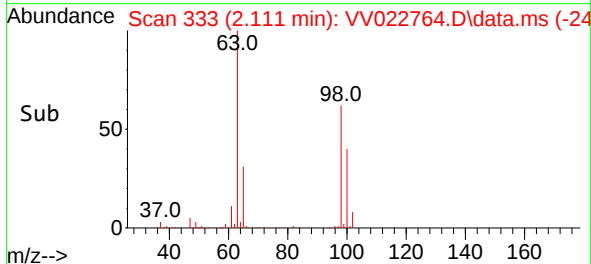
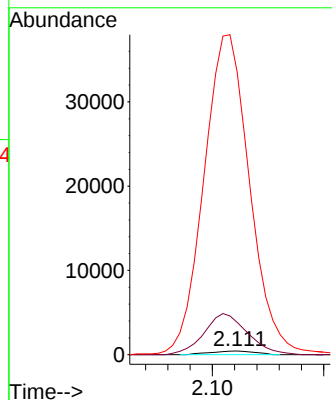
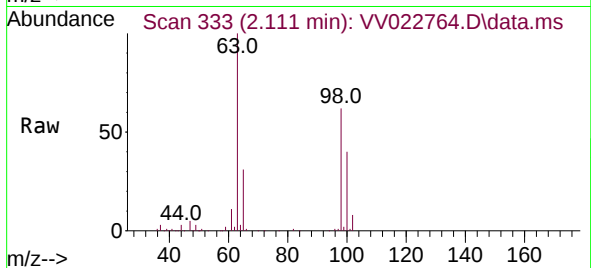
Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion: 96 Resp: 600

Ion	Ratio	Lower	Upper
96	100		
61	889.4	127.3	236.5#
63	7770.4	106.2	197.2#

Instrument :
MSVOA_V
ClientSampleId :



#16

Methylene chloride

Concen: 0.457 ug/L

RT: 2.510 min Scan# 457

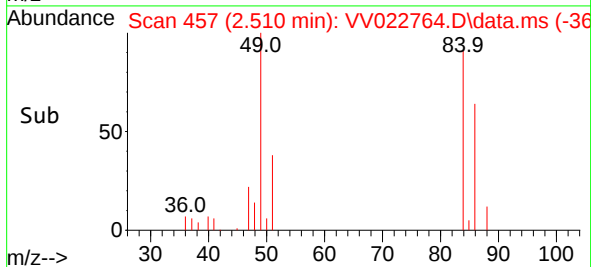
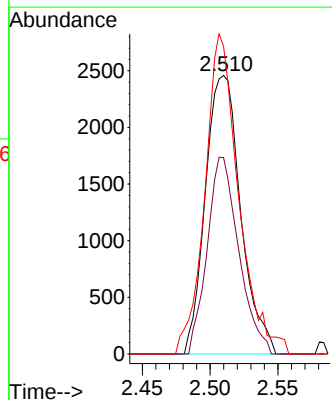
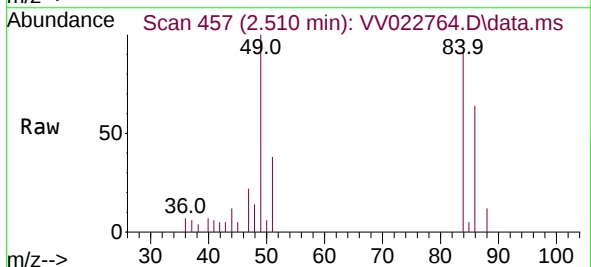
Delta R.T. 0.006 min

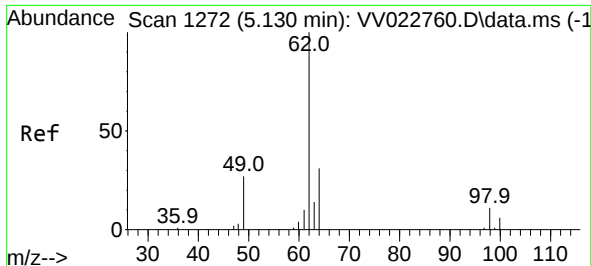
Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion: 84 Resp: 4458

Ion	Ratio	Lower	Upper
84	100		
86	70.5	45.8	85.2
49	110.5	90.3	167.7





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion: 62 Resp: 771

Ion Ratio Lower Upper

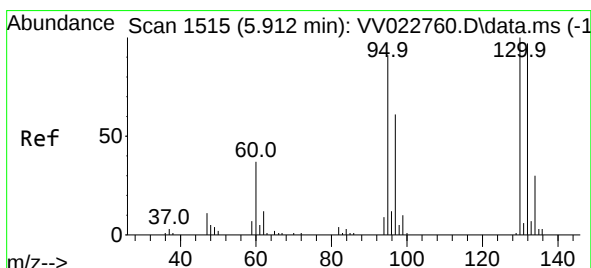
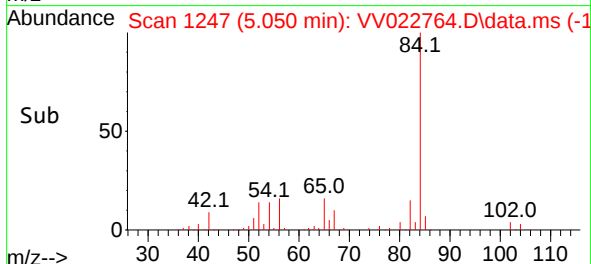
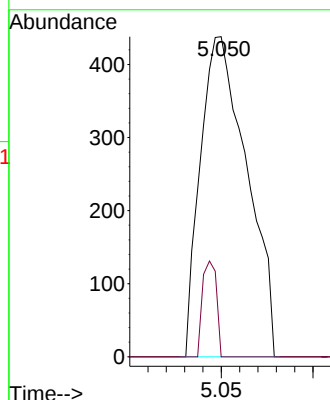
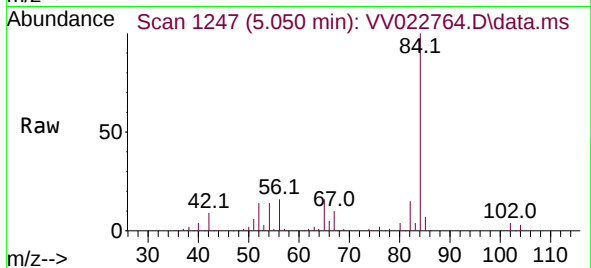
62 100

98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampled :



#34

Trichloroethene

Concen: 5.742 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion: 95 Resp: 51531

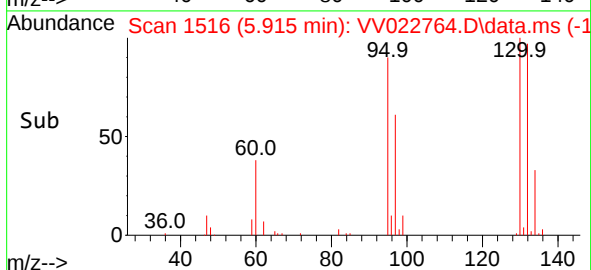
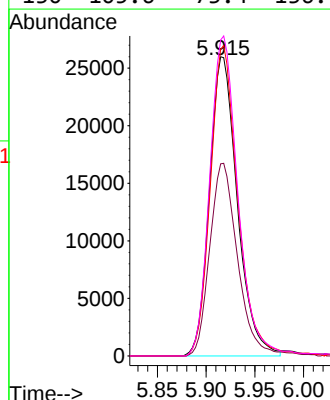
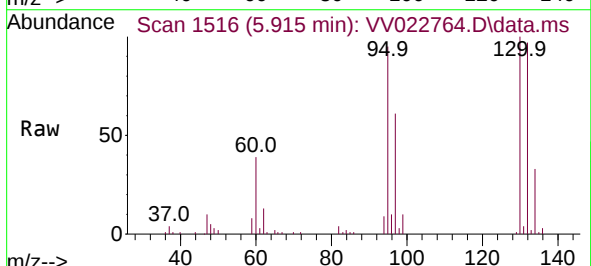
Ion Ratio Lower Upper

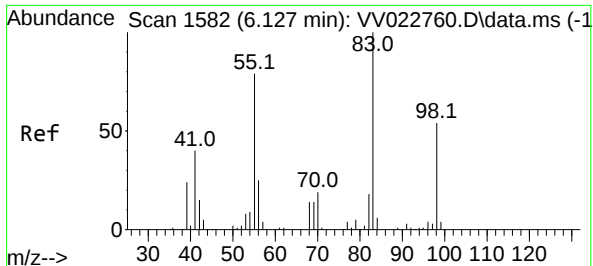
95 100

97 64.2 45.8 85.2

132 102.5 72.2 134.0

130 105.6 73.4 136.4





#35

Methylcyclohexane

Concen: 1.009 ug/L

RT: 6.069 min Scan# 1564

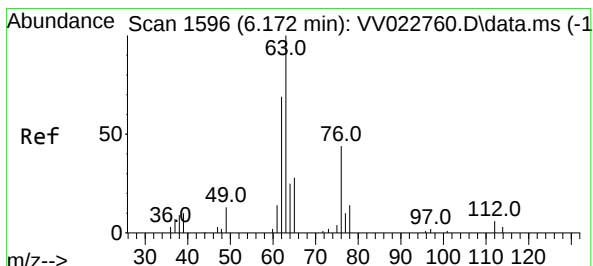
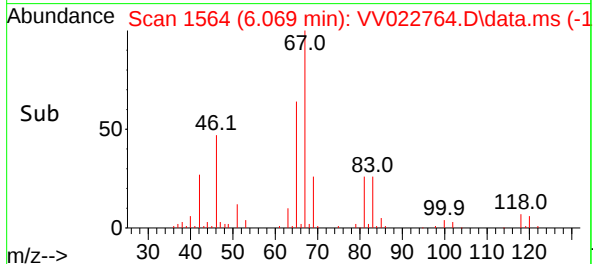
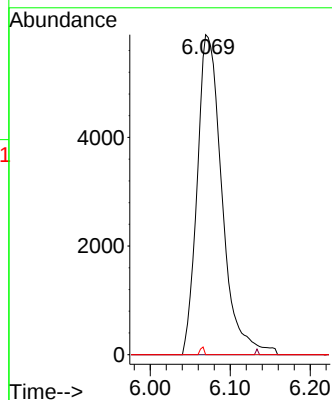
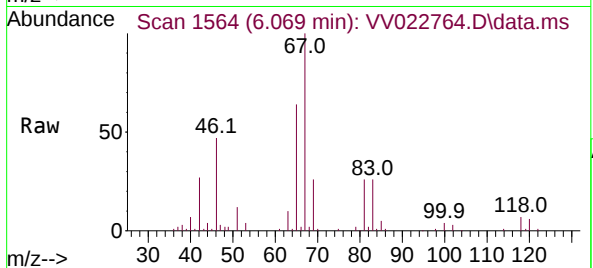
Delta R.T. -0.058 min

Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion:	83	Resp:	12685
Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.8	95.6#
98	0.4	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

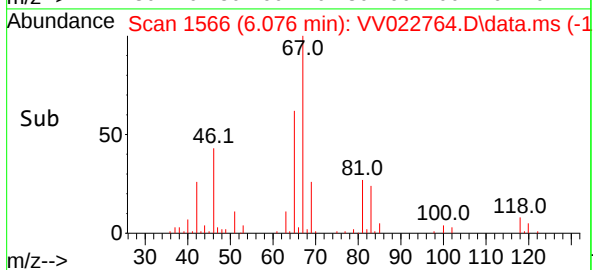
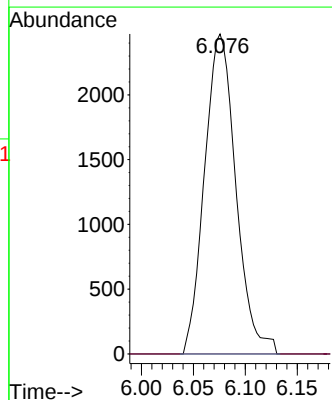
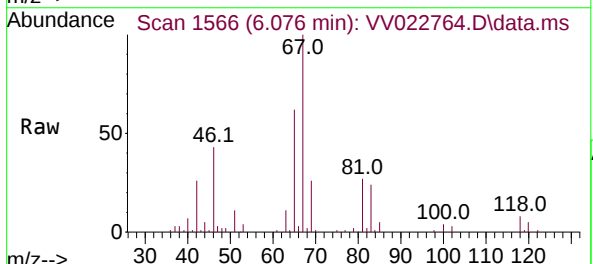
RT: 6.076 min Scan# 1566

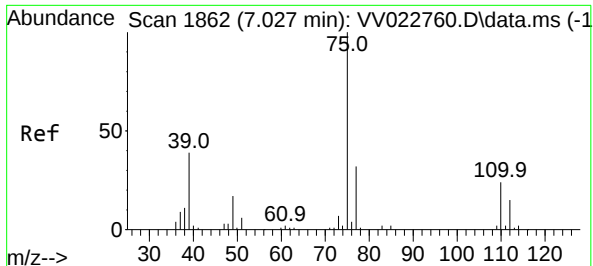
Delta R.T. -0.096 min

Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion:	63	Resp:	5194
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

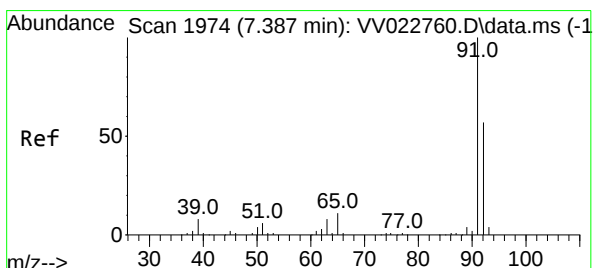
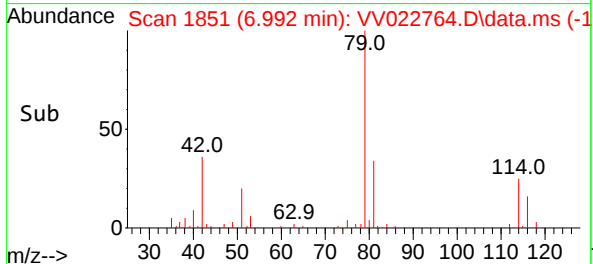
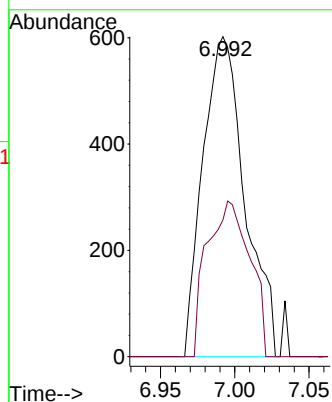
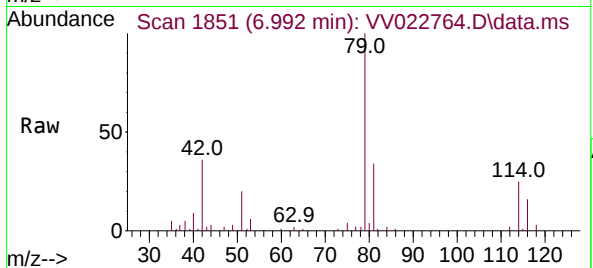




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022764.D
 Acq: 13 Oct 2021 16:14

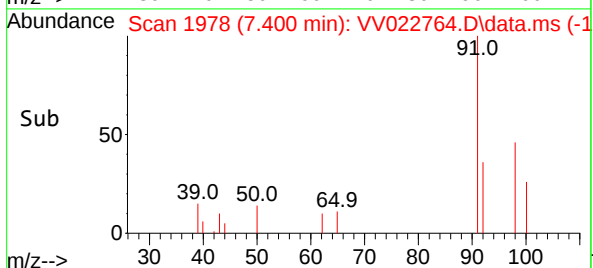
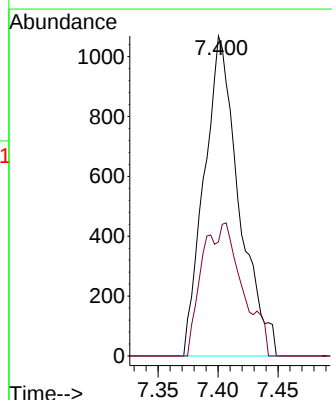
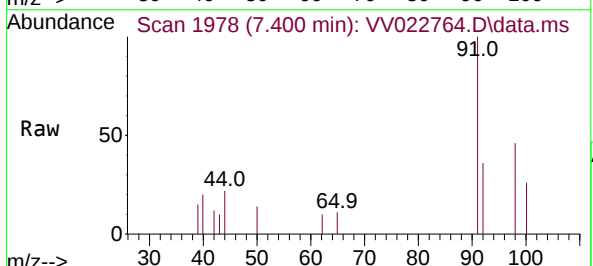
Instrument :
 MSVOA_V
 ClientSampled :

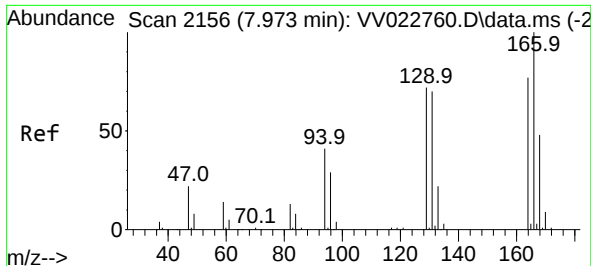
Tgt Ion: 75 Resp: 1187
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.3 41.3#



#42
 Toluene
 Concen: 0.064 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.013 min
 Lab File: VV022764.D
 Acq: 13 Oct 2021 16:14

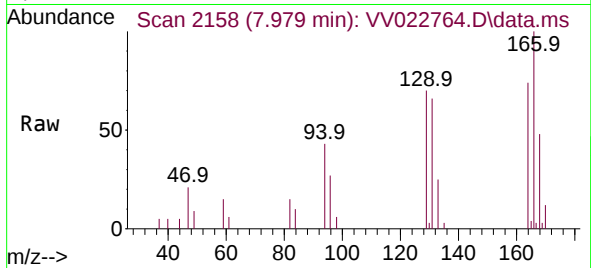
Tgt Ion: 91 Resp: 2159
 Ion Ratio Lower Upper
 91 100
 92 35.6 40.7 75.7#



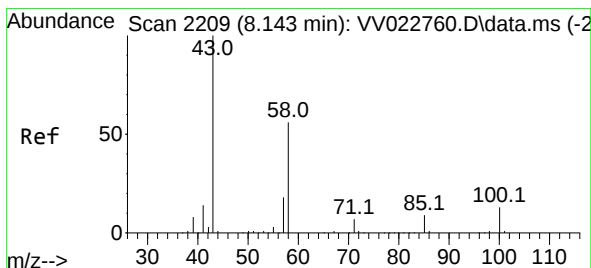
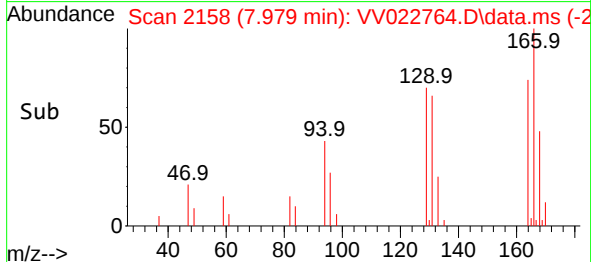
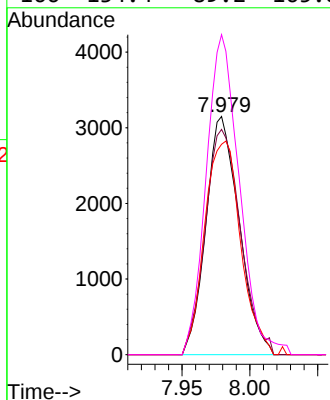


#47
Tetrachloroethene
Concen: 0.739 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022764.D
Acq: 13 Oct 2021 16:14

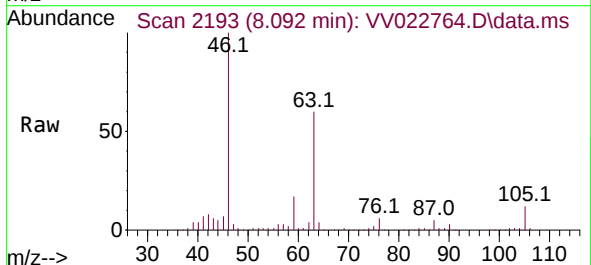
Instrument :
MSVOA_V
ClientSampled :



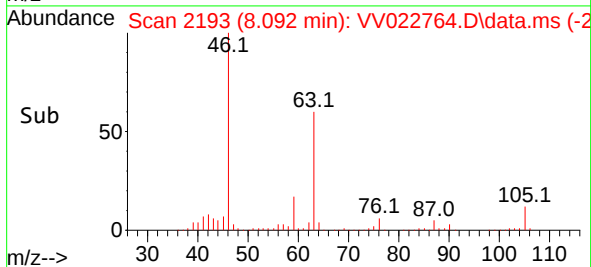
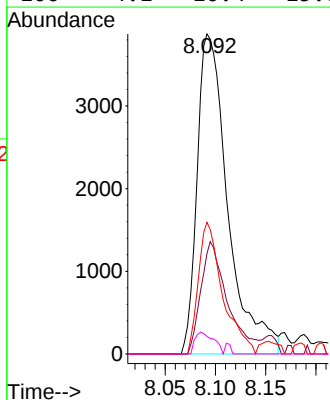
Tgt Ion:	164	Resp:	5365
Ion	Ratio	Lower	Upper
164	100		
129	94.6	65.0	120.6
131	88.3	62.2	115.4
166	134.4	89.2	165.8

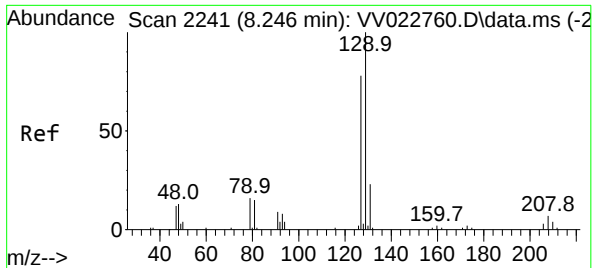


#48
2-Hexanone
Concen: 2.635 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022764.D
Acq: 13 Oct 2021 16:14



Tgt Ion:	43	Resp:	8217
Ion	Ratio	Lower	Upper
43	100		
58	30.6	47.4	71.0#
57	32.5	15.3	22.9#
100	4.1	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.778 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022764.D

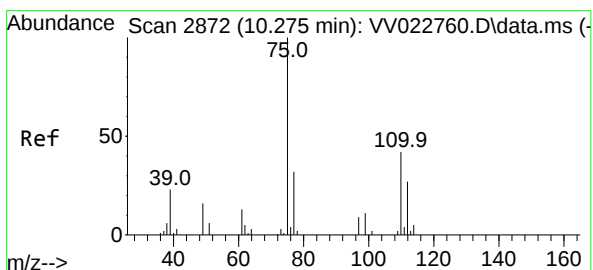
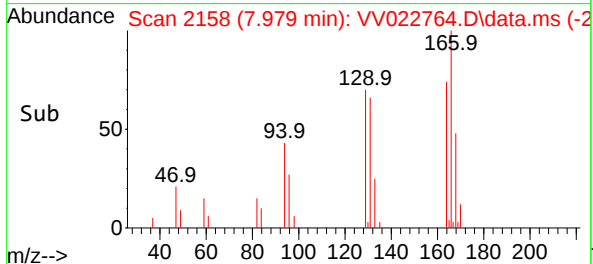
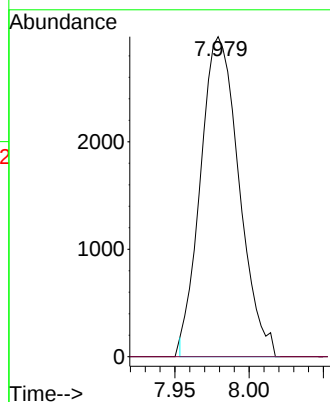
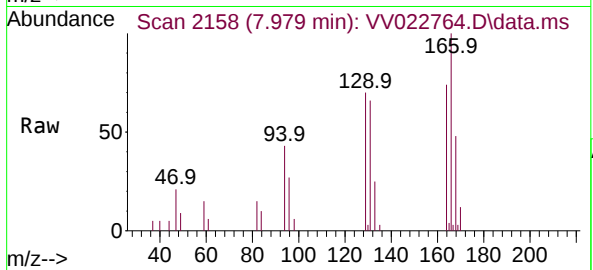
Acq: 13 Oct 2021 16:14

Tgt Ion: 129 Resp: 5367

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.512 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022764.D

Acq: 13 Oct 2021 16:14

Tgt Ion: 75 Resp: 5794

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

110 2.8 34.2 51.4#

