

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028289.D
 Acq On : 03 Oct 2022 19:36
 Operator : SY/MD
 Sample : N4856-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:47:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

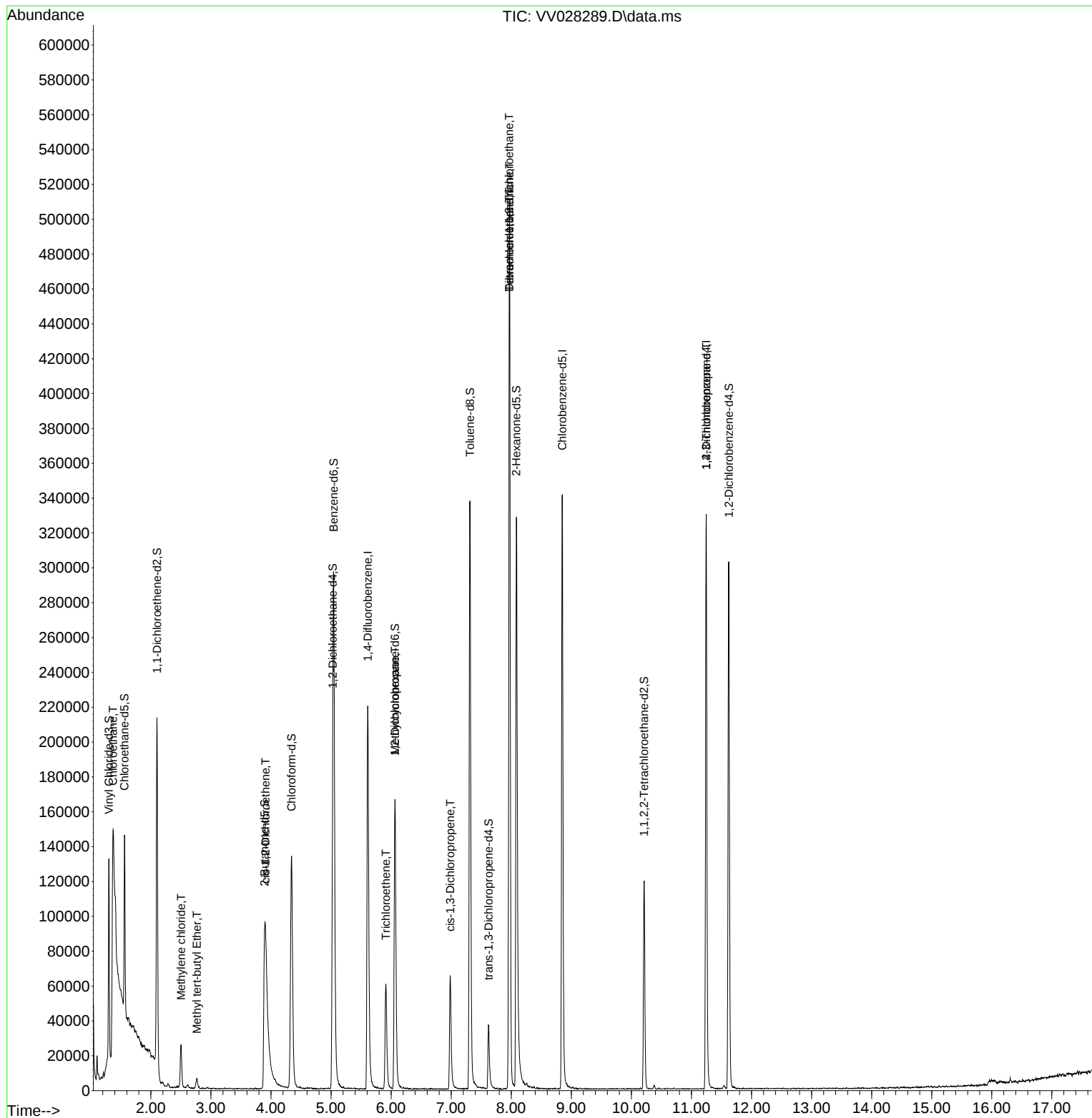
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	202198	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	203157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71529	4.708	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.561	69	62930	4.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.101	63	102491	3.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.892	46	145628	56.652	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.300%	
24) Chloroform-d	4.342	84	145053	5.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.400%	
26) 1,2-Dichloroethane-d4	5.027	65	67237	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.043	84	285571	5.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.063	67	87604	5.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.600%	
41) Toluene-d8	7.313	98	238695	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.622	79	24049	3.950	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.085	63	127662	51.224	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.440%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60283	4.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	84283	5.265	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
8) Chloroethane	1.372	64	418910	36.215	ug/L #	50
16) Methylene chloride	2.503	84	11609	0.711	ug/L	83
17) Methyl tert-butyl Ether	2.767	73	4329	0.145	ug/L #	91
22) cis-1,2-Dichloroethene	3.908	96	3175	0.209	ug/L	88
34) Trichloroethene	5.912	95	22070	1.457	ug/L	95
35) Methylcyclohexane	6.066	83	21012	0.850	ug/L #	17
39) cis-1,3-Dichloropropene	6.985	75	1620	0.081	ug/L #	70
45) 1,1,2-Trichloroethane	7.966	97	995	0.096	ug/L #	3
47) Tetrachloroethene	7.969	164	118827	8.979	ug/L	98
49) Dibromochloromethane	7.969	129	103974	7.907	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9623	1.341	ug/L #	67

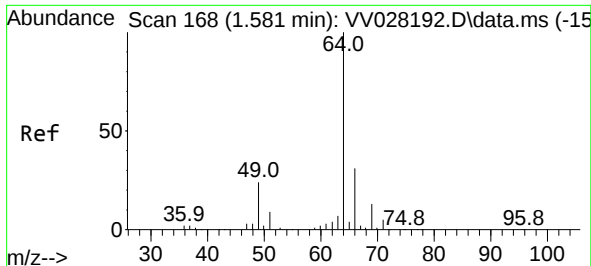
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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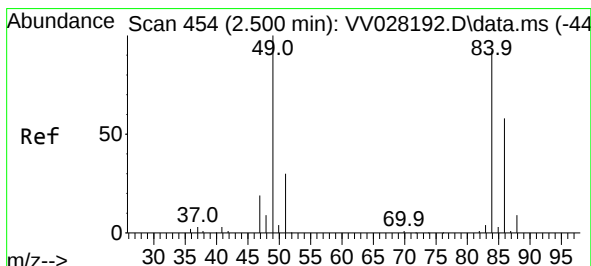
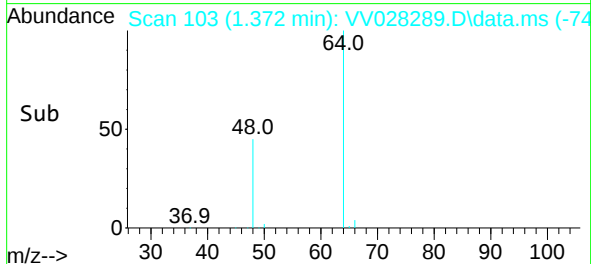
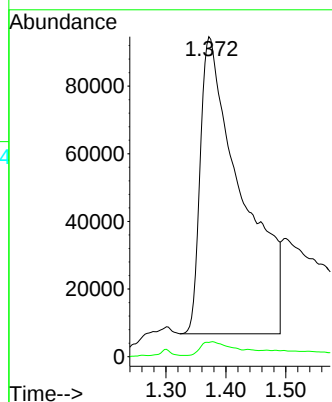
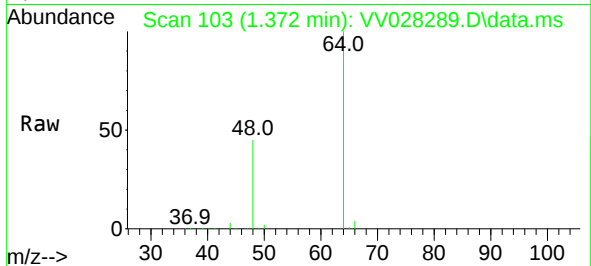




#8
Chloroethane
Concen: 36.215 ug/L
RT: 1.372 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

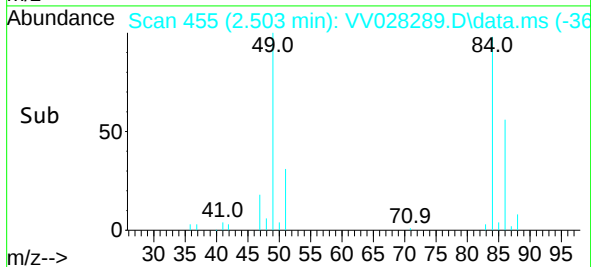
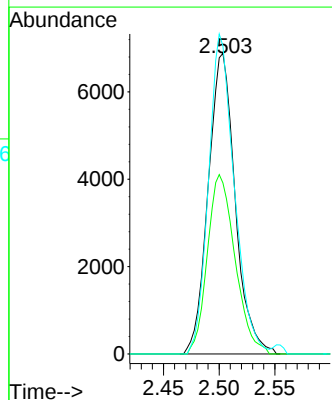
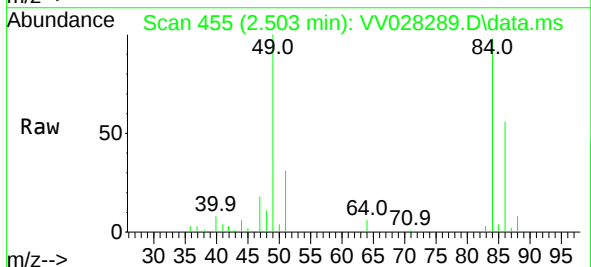
Instrument :
MSVOA_V
ClientSampleId :

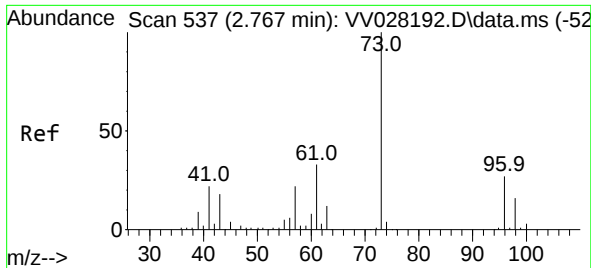
Tgt Ion: 64 Resp: 418910
Ion Ratio Lower Upper
64 100
66 4.5 23.0 42.8#



#16
Methylene chloride
Concen: 0.711 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

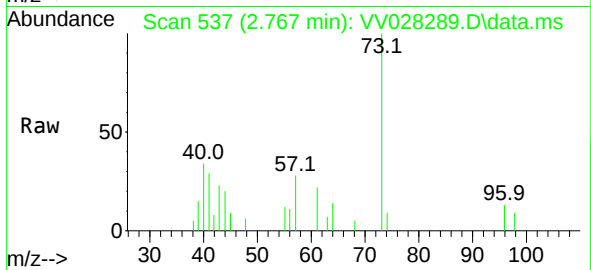
Tgt Ion: 84 Resp: 11609
Ion Ratio Lower Upper
84 100
86 56.9 46.8 86.8
49 102.5 87.5 162.5



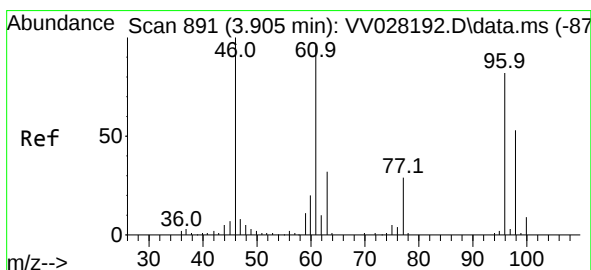
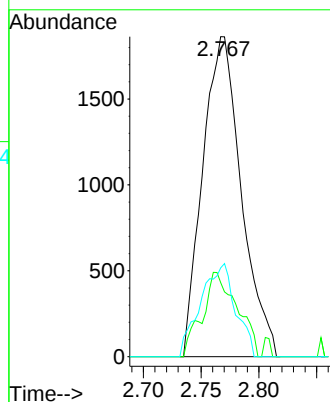
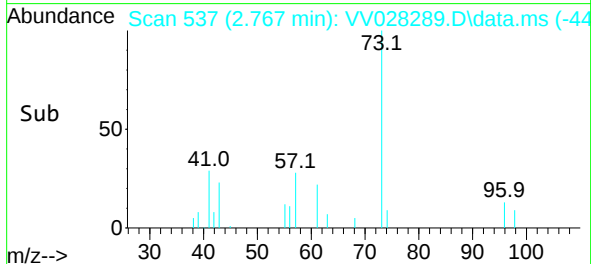


#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

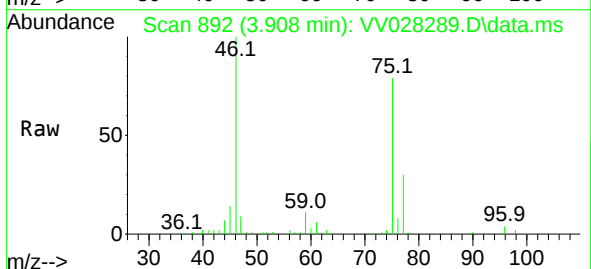
Instrument :
MSVOA_V
ClientSampleId :



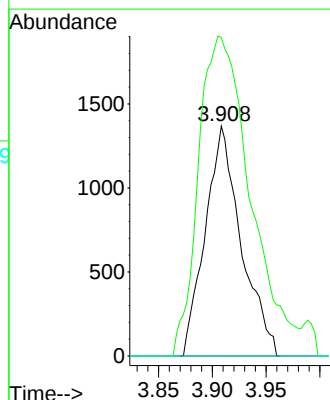
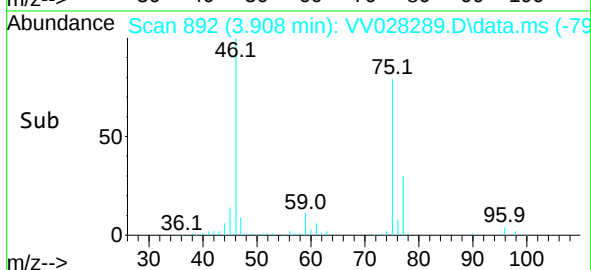
Tgt Ion: 73 Resp: 4329
Ion Ratio Lower Upper
73 100
43 24.0 15.7 23.5#
57 26.3 17.8 26.8

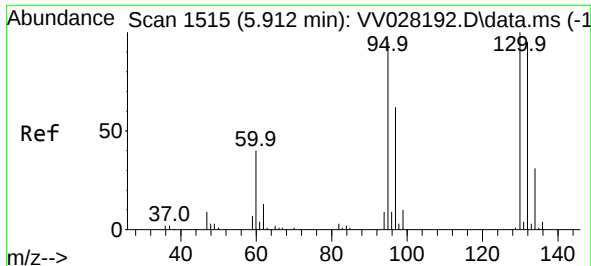


#22
cis-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36



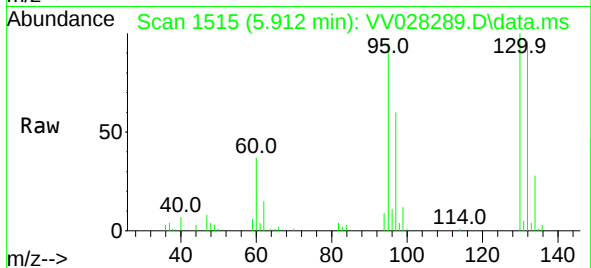
Tgt Ion: 96 Resp: 3175
Ion Ratio Lower Upper
96 100
61 138.4 87.2 161.9
68 0.0 0.0 0.0



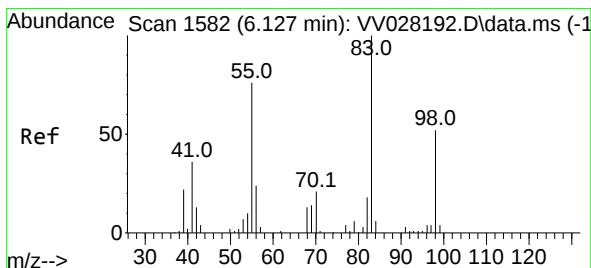
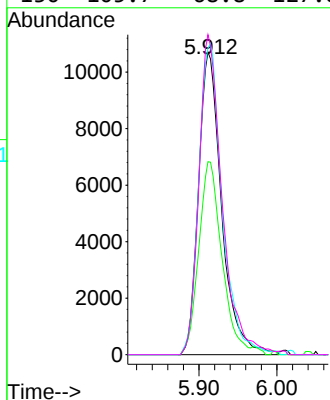
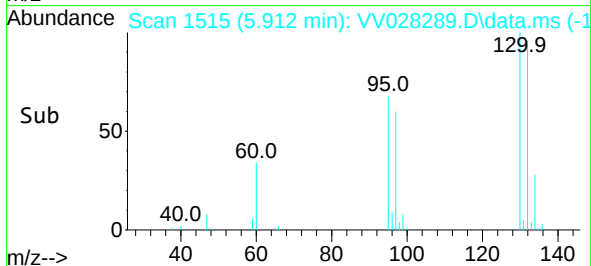


#34
Trichloroethene
Concen: 1.457 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

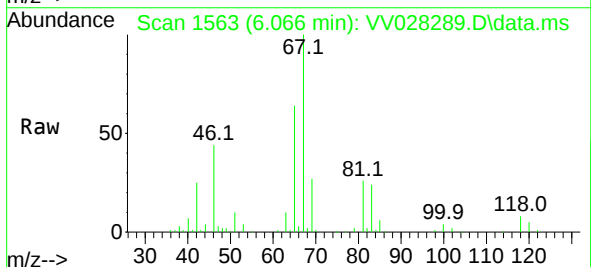
Instrument :
MSVOA_V
ClientSampleId :



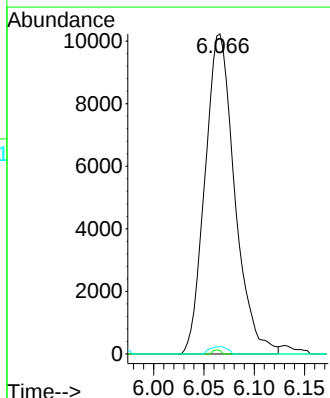
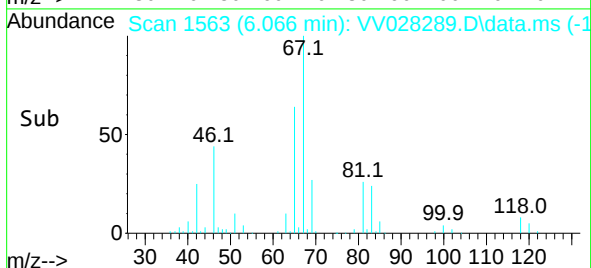
Tgt Ion: 95 Resp: 22070
Ion Ratio Lower Upper
95 100
97 63.8 44.2 82.0
132 101.3 67.8 126.0
130 105.7 68.8 127.8

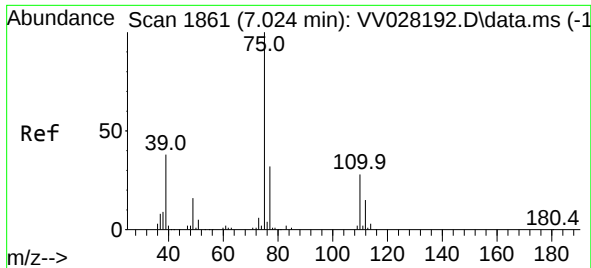


#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36



Tgt Ion: 83 Resp: 21012
Ion Ratio Lower Upper
83 100
55 0.3 64.7 97.1#
98 1.4 39.5 59.3#

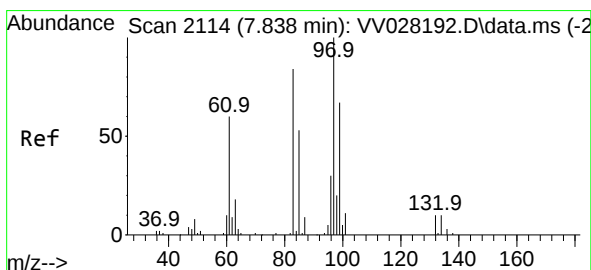
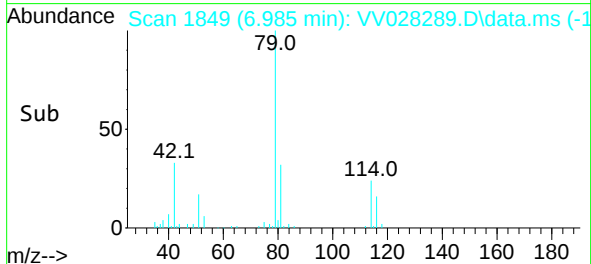
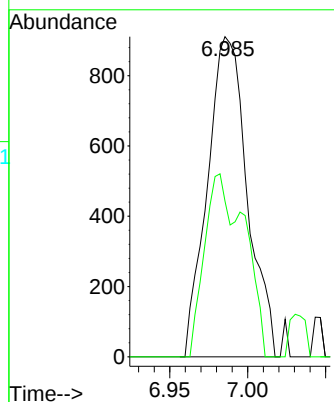
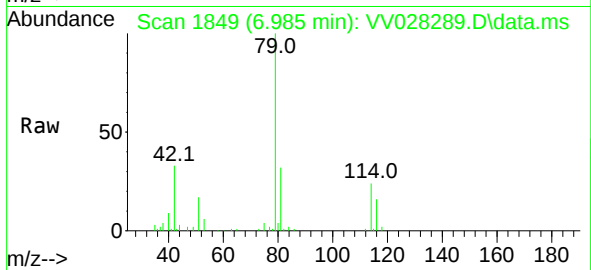




#39
cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 6.985 min Scan# 11
Delta R.T. -0.038 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

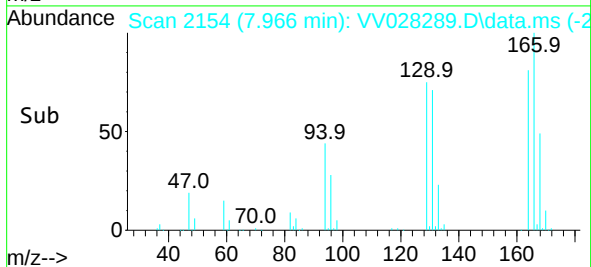
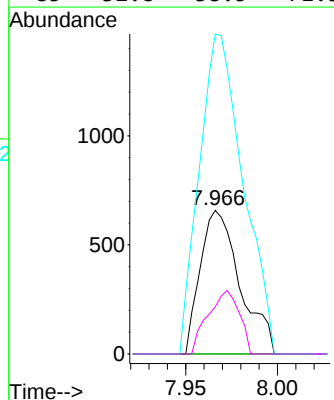
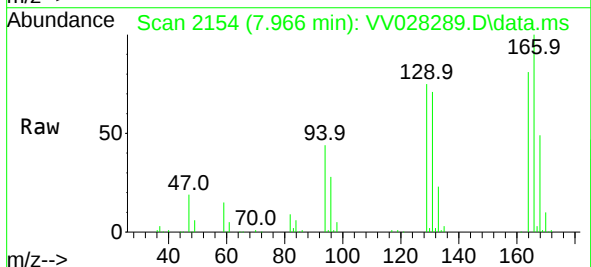
Instrument :
MSVOA_V
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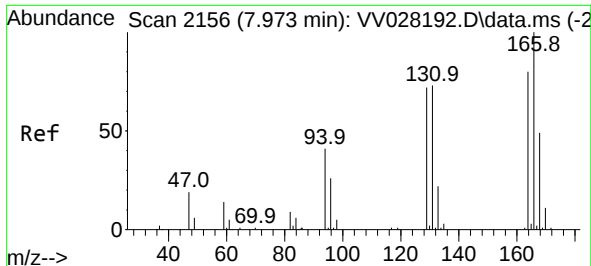
Tgt Ion: 75 Resp: 1620
Ion Ratio Lower Upper
75 100
77 48.6 22.4 41.6#



#45
1,1,2-Trichloroethane
Concen: 0.096 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.129 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

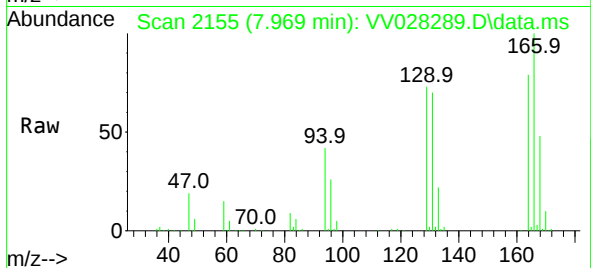
Tgt Ion: 97 Resp: 995
Ion Ratio Lower Upper
97 100
99 0.0 43.2 80.2#
83 222.9 59.1 109.9#
85 32.8 38.5 71.5#



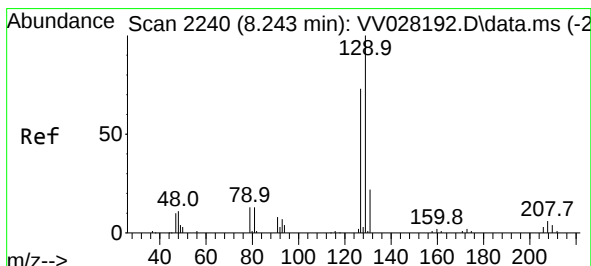
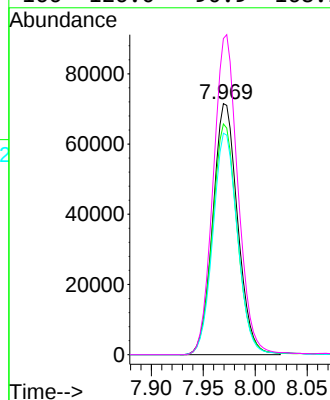
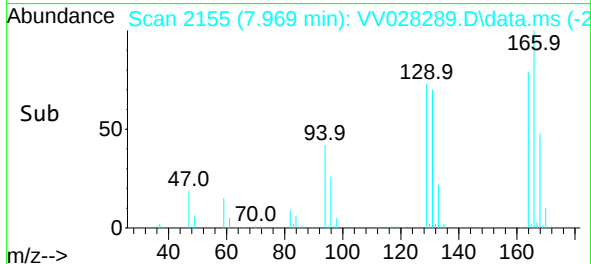


#47
Tetrachloroethene
Concen: 8.979 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

Instrument :
MSVOA_V
ClientSampleId :

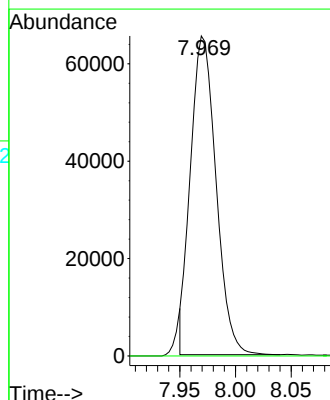
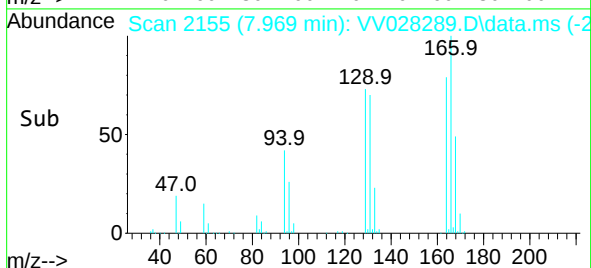
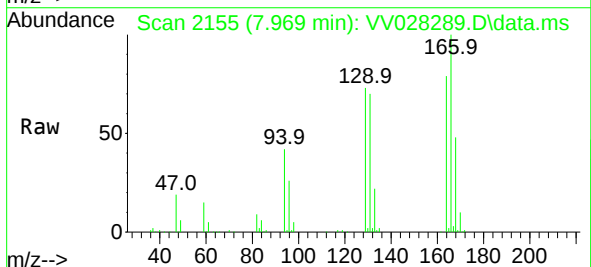


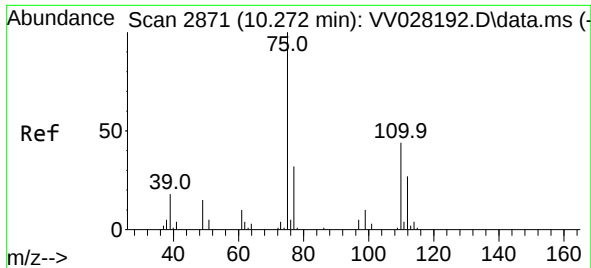
Tgt Ion:164 Resp: 118827
Ion Ratio Lower Upper
164 100
129 91.9 66.7 123.9
131 88.2 61.7 114.5
166 126.0 90.9 168.9



#49
Dibromochloromethane
Concen: 7.907 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.273 min
Lab File: VV028289.D
Acq: 03 Oct 2022 19:36

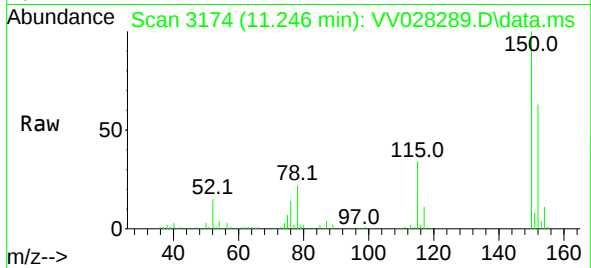
Tgt Ion:129 Resp: 103974
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.341 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.975 min
 Lab File: VV028289.D
 Acq: 03 Oct 2022 19:36

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 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 9623
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.7 40.1
 110 0.8 30.1 45.1#

