

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027606.D
 Acq On : 30 Aug 2022 23:50
 Operator : SY/MD
 Sample : N4368-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F07DL

Quant Time: Aug 31 07:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

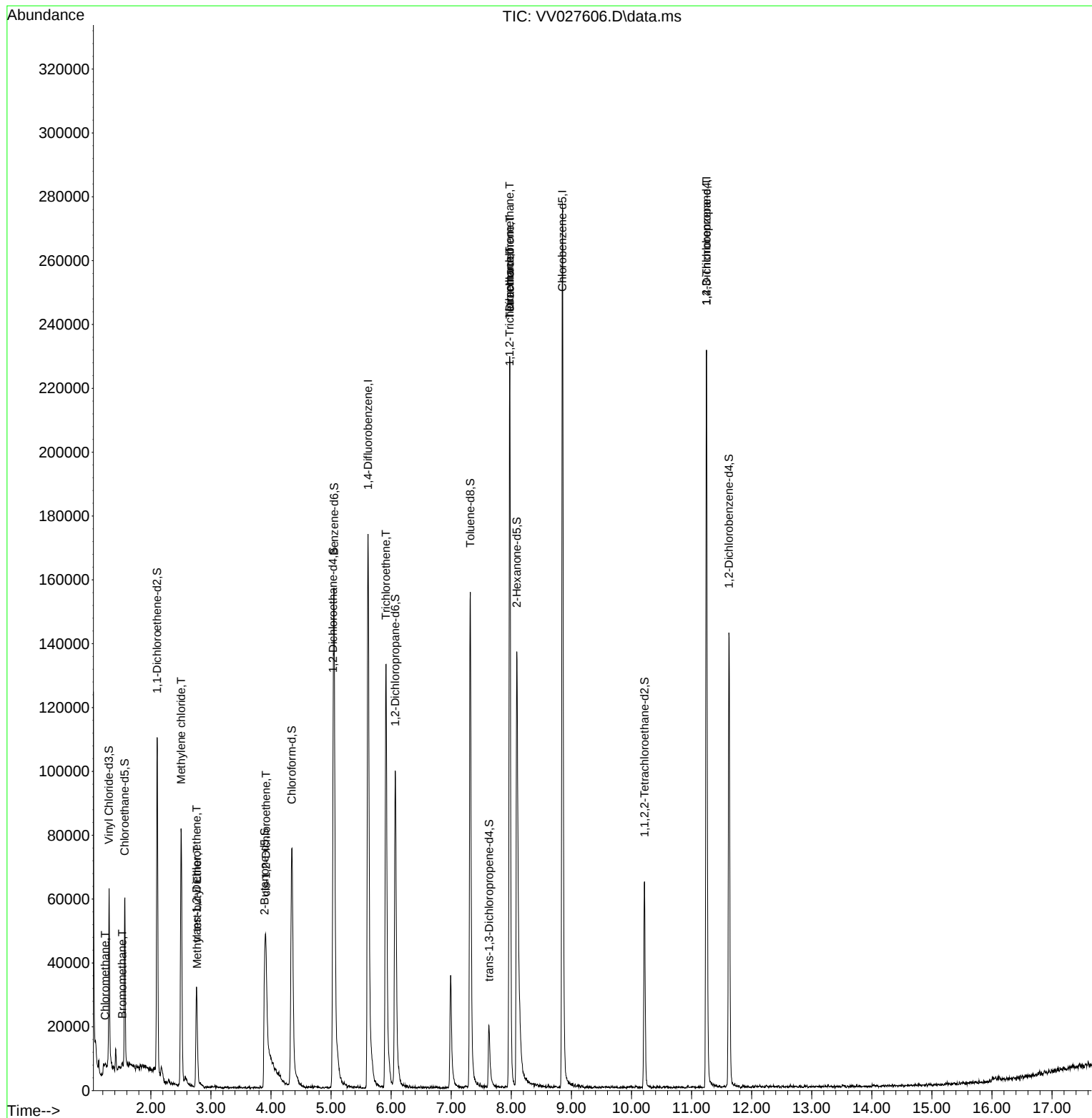
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38975	3.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.565	69	33093	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.105	63	56886	2.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	3.892	46	49377	36.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.040%
24) Chloroform-d	4.346	84	85524	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.034	65	38735	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.050	84	145844	3.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.800%#
36) 1,2-Dichloropropane-d6	6.069	67	49563	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.317	98	106596	2.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
43) trans-1,3-Dichloroprop...	7.629	79	13454	3.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.092	63	53306	38.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31924	4.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	36912	4.157	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1070	0.076	ug/L	93
6) Bromomethane	1.523	94	980	0.139	ug/L	96
16) Methylene chloride	2.503	84	32453	1.864	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	2252	0.094	ug/L #	91
18) trans-1,2-Dichloroethene	2.761	96	11020	0.926	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	13843	1.092	ug/L	93
34) Trichloroethene	5.912	95	48788	3.699	ug/L	98
45) 1,1,2-Trichloroethane	7.969	97	545	0.064	ug/L #	19
47) Tetrachloroethene	7.976	164	51216	4.985	ug/L	95
49) Dibromochloromethane	7.973	129	47484	4.520	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7395	1.407	ug/L #	67

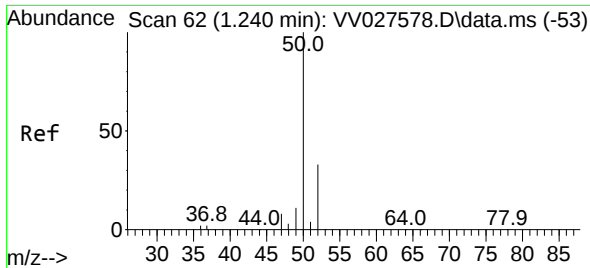
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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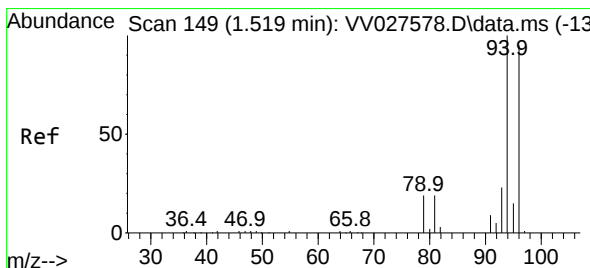
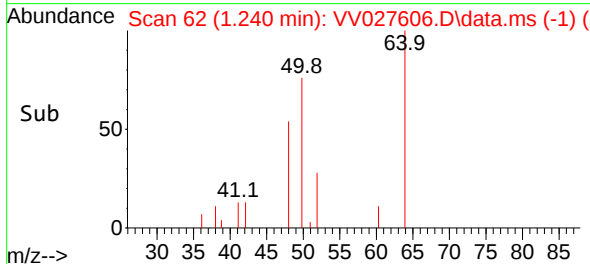
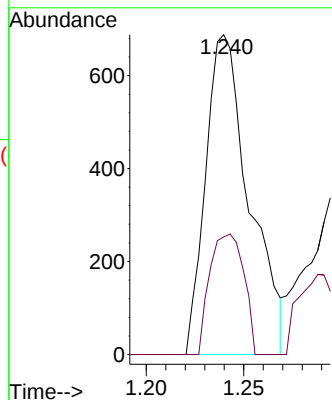
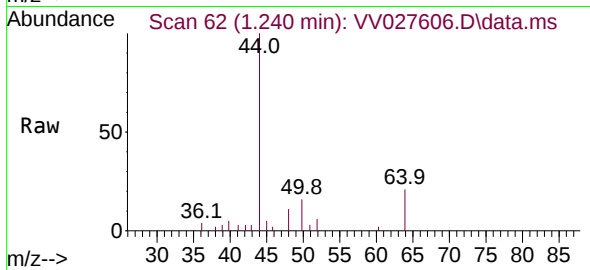




#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

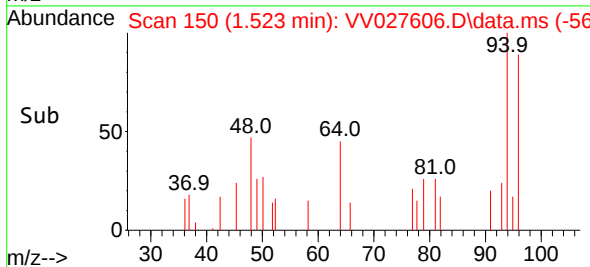
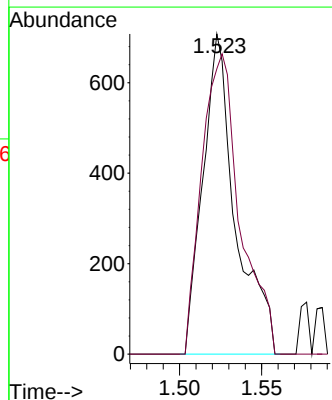
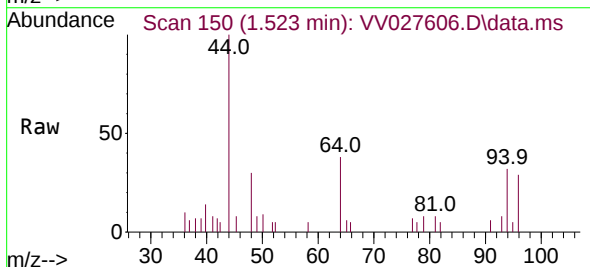
Instrument :
MSVOA_V
ClientSampleId :
F5F07DL

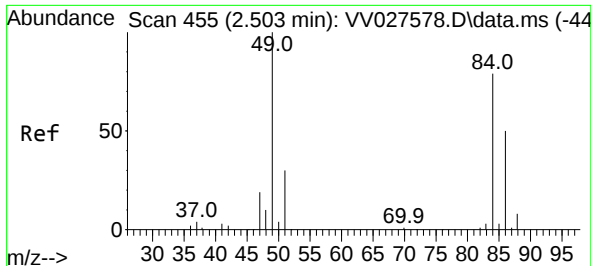
Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 36.8 22.8 42.4



#6
Bromomethane
Concen: 0.139 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion: 94 Resp: 980
Ion Ratio Lower Upper
94 100
96 89.1 65.2 121.0

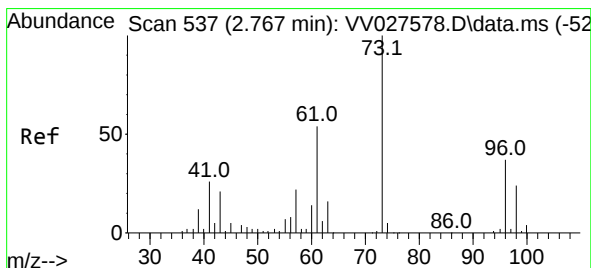
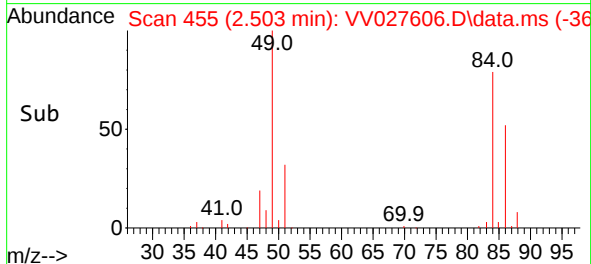
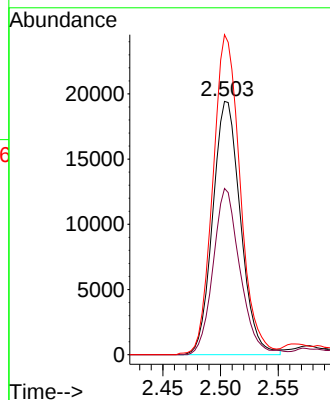
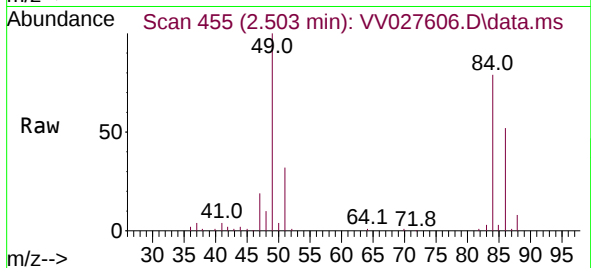




#16
Methylene chloride
Concen: 1.864 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

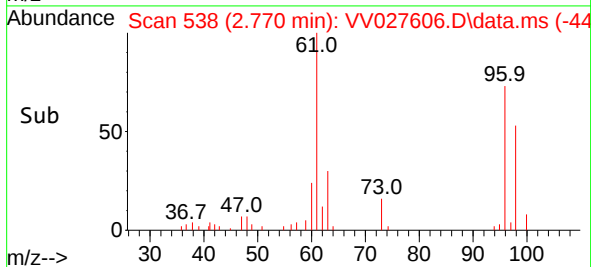
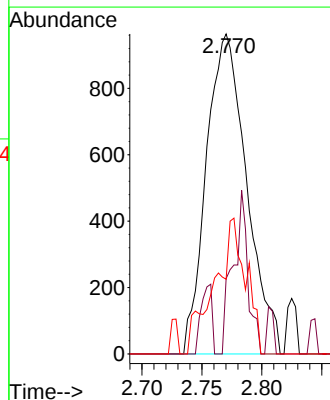
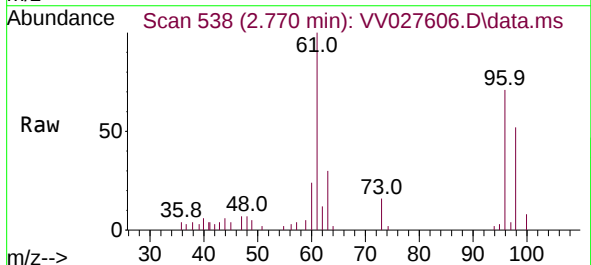
Instrument :
MSVOA_V
ClientSampleId :
F5F07DL

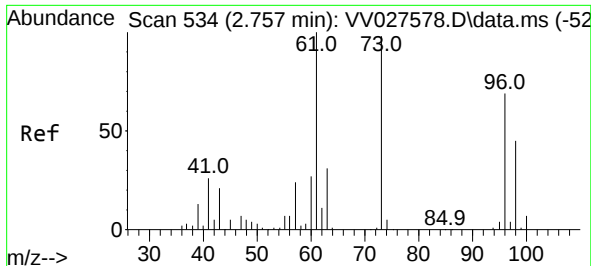
Tgt Ion: 84 Resp: 32453
Ion Ratio Lower Upper
84 100
86 65.6 44.0 81.6
49 126.3 89.4 166.0



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion: 73 Resp: 2252
Ion Ratio Lower Upper
73 100
43 19.1 15.6 23.4
57 28.8 17.0 25.6#

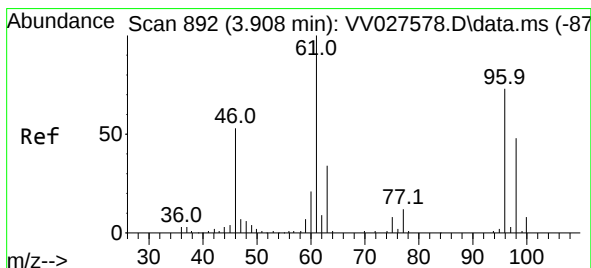
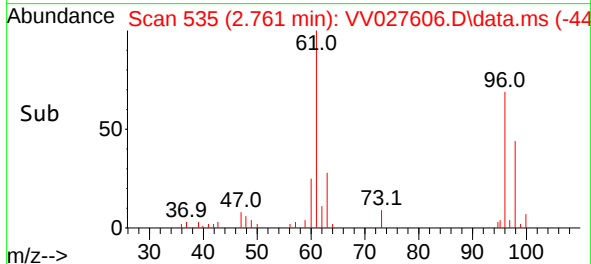
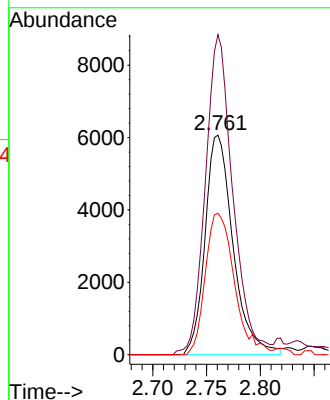
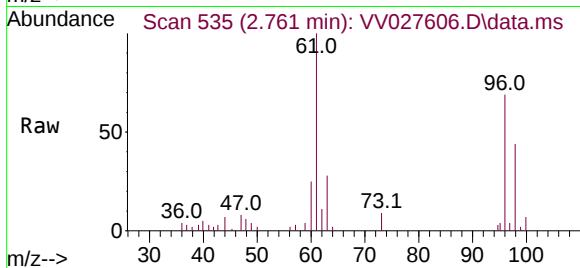




#18
trans-1,2-Dichloroethene
Concen: 0.926 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

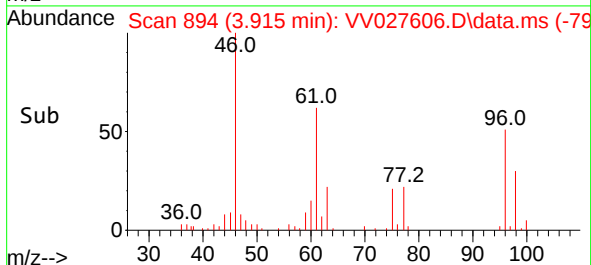
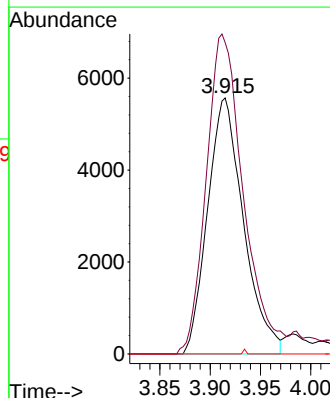
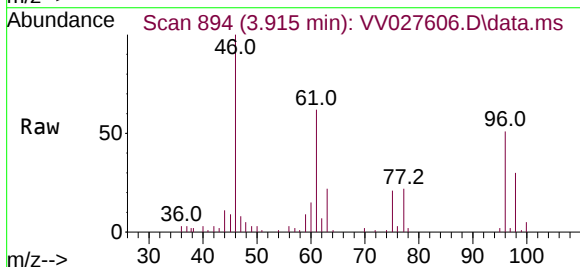
Instrument :
MSVOA_V
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F5F07DL

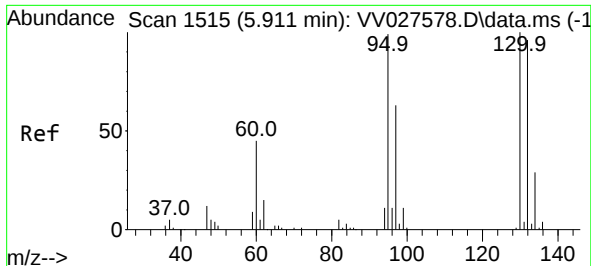
Tgt Ion: 96 Resp: 11020
Ion Ratio Lower Upper
96 100
61 145.8 97.6 181.4
98 64.4 45.9 85.3



#22
cis-1,2-Dichloroethene
Concen: 1.092 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion: 96 Resp: 13843
Ion Ratio Lower Upper
96 100
61 121.6 90.6 168.2
68 0.0 0.0 0.0



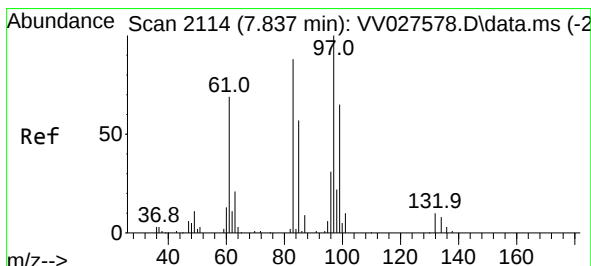
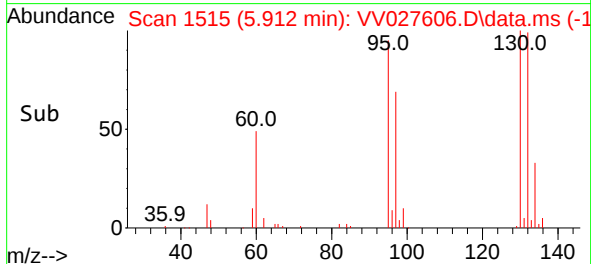
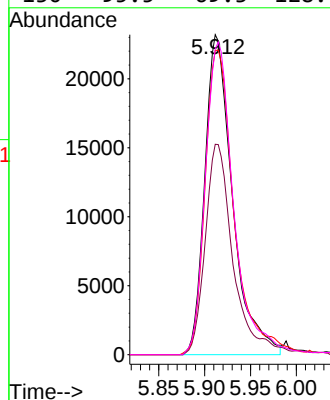
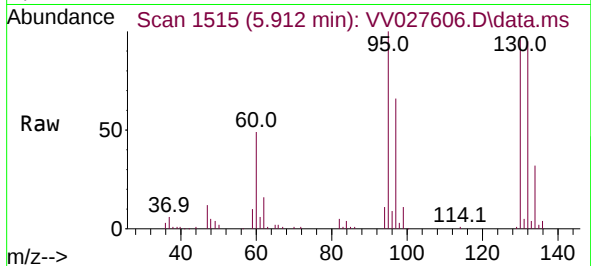


#34
Trichloroethene
Concen: 3.699 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Instrument :
MSVOA_V
ClientSampleId :
F5F07DL

Tgt Ion: 95 Resp: 48788

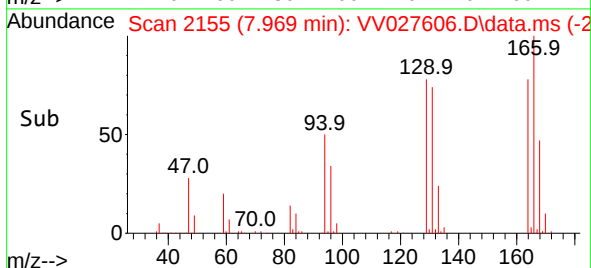
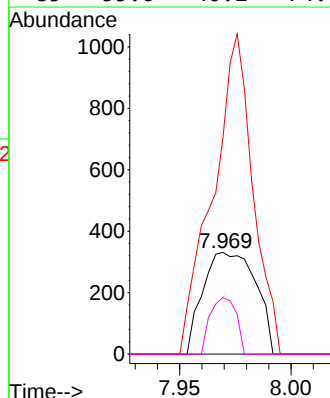
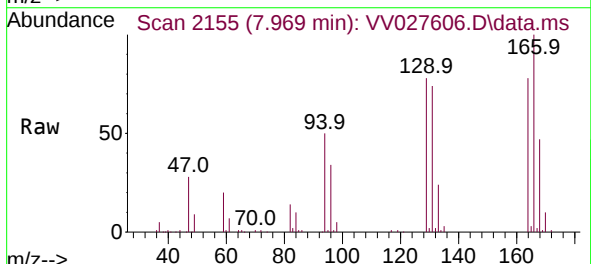
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.0	83.6
132	95.0	65.7	121.9
130	95.5	69.3	128.7

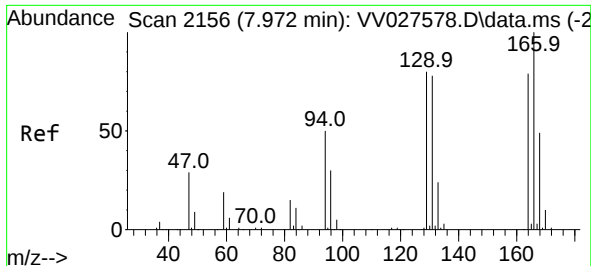


#45
1,1,2-Trichloroethane
Concen: 0.064 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.132 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion: 97 Resp: 545

Ion	Ratio	Lower	Upper
97	100		
99	0.0	46.1	85.7#
83	212.4	63.0	117.0#
85	55.6	40.2	74.6

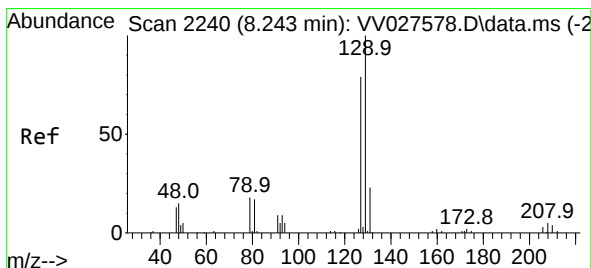
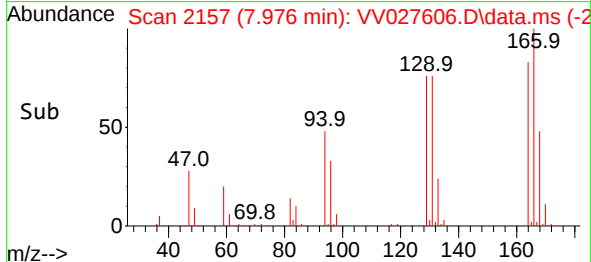
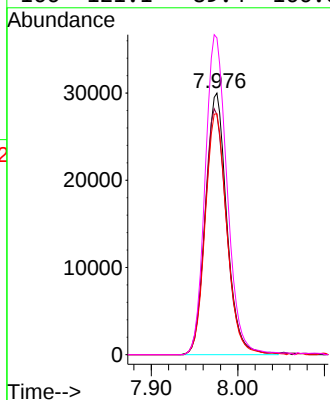
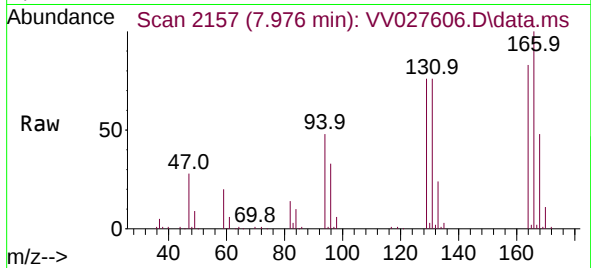




#47
Tetrachloroethene
Concen: 4.985 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

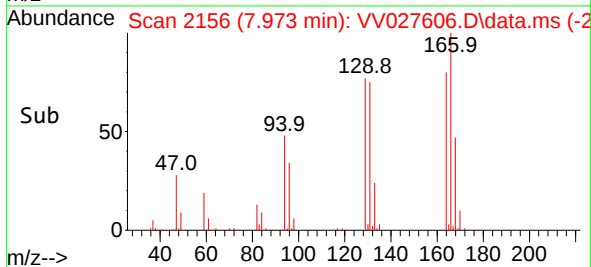
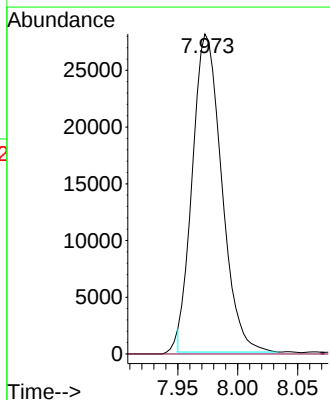
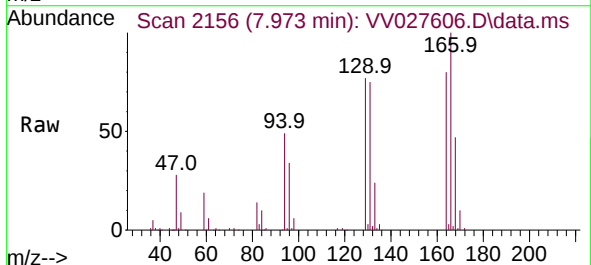
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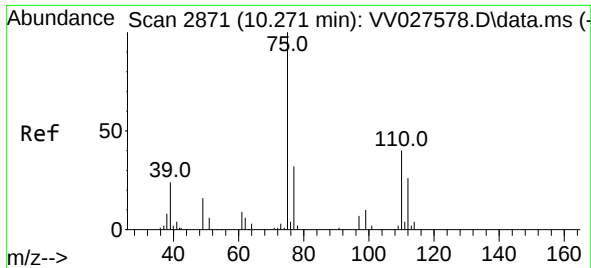
Tgt Ion:164	Resp:	51216
Ion Ratio	Lower	Upper
164	100	
129	91.8	71.1 132.1
131	92.1	64.5 119.9
166	121.1	89.4 166.0



#49
Dibromochloromethane
Concen: 4.520 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

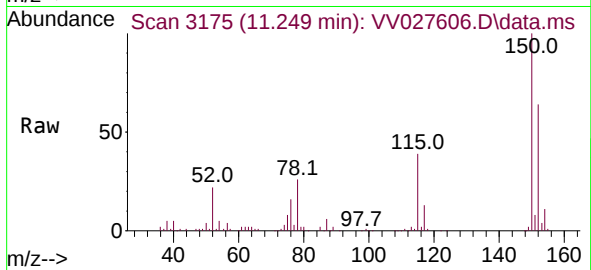
Tgt Ion:129	Resp:	47484
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.407 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027606.D
 Acq: 30 Aug 2022 23:50

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Tgt Ion:	75	Resp:	7395
Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.2	39.2
110	2.9	29.9	44.9#

