

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030950.D
 Acq On : 01 May 2023 13:02
 Operator : SY/MD
 Sample : 02528-05 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA37

Quant Time: May 02 01:33:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

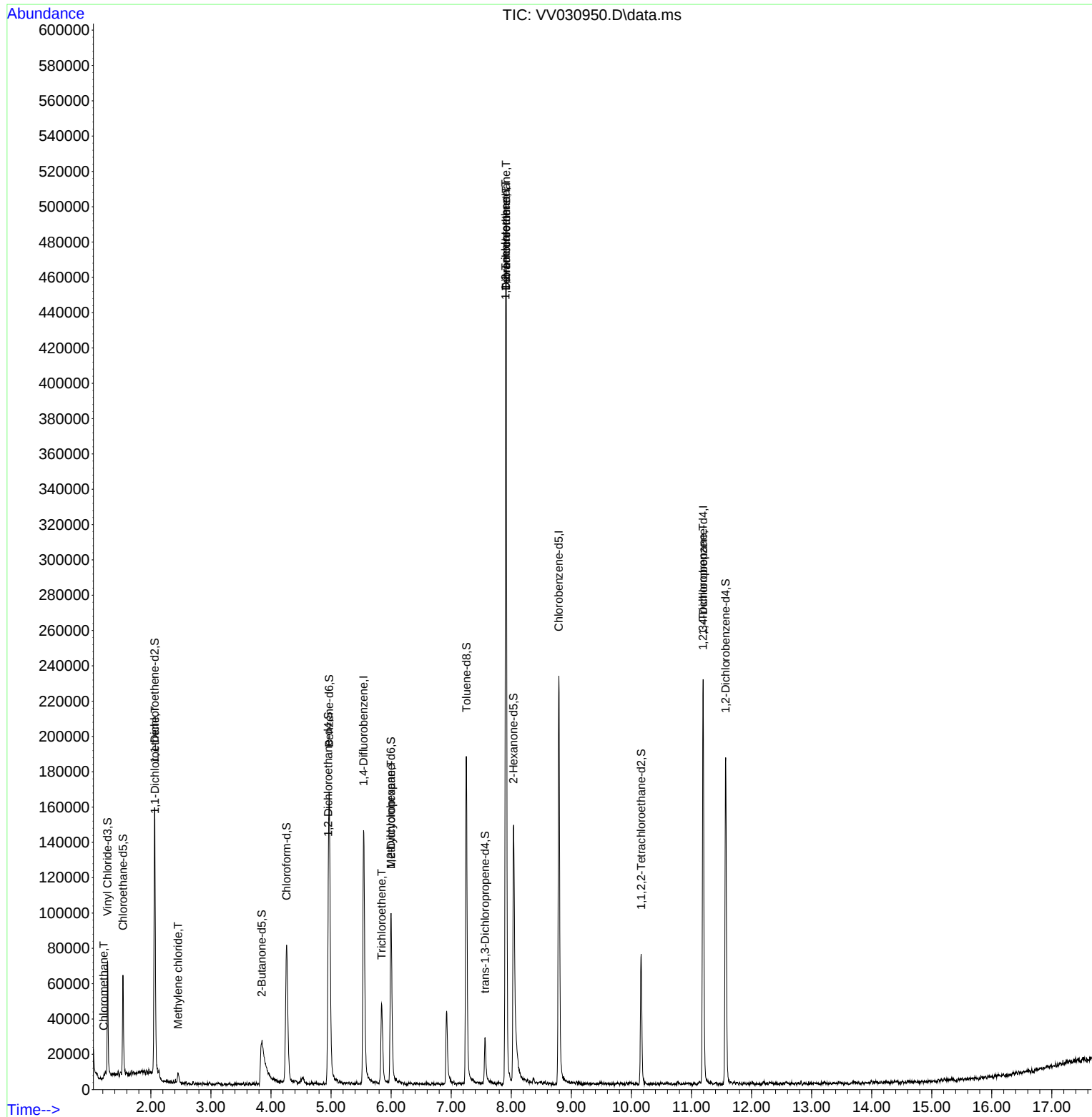
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44015	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.535	69	35676	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.063	65	21827	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.847	46	66346	35.203	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.400%
24) Chloroform-d	4.259	84	82305	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	4.953	65	44800	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	4.969	84	144281	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	5.998	67	41078	3.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.252	98	125114	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.564	79	14545	3.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.037	63	54962	39.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.300%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31285	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	48738	4.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
3) Chloromethane	1.217	50	1070	0.089	ug/L	99
12) 1,1-Dichloroethene	2.069	96	7722	0.889	ug/L #	1
16) Methylene chloride	2.455	84	2355	0.240	ug/L	97
34) Trichloroethene	5.841	95	15318	1.845	ug/L	96
35) Methylcyclohexane	5.998	83	10942	0.850	ug/L #	17
45) 1,1,2-Trichloroethane	7.905	97	952	0.174	ug/L #	11
47) Tetrachloroethene	7.911	164	111804	14.114	ug/L	97
49) Dibromochloromethane	7.911	129	90496	13.122	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6545	1.625	ug/L #	57

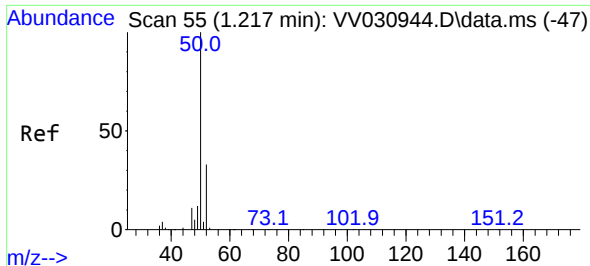
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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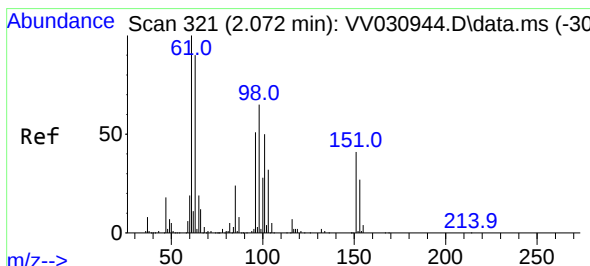
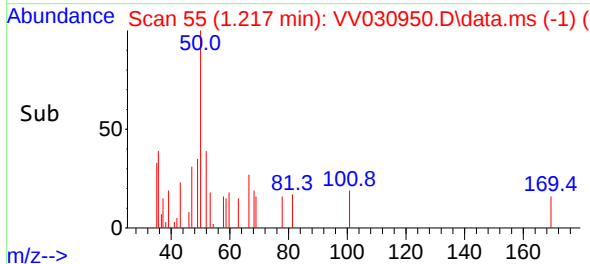
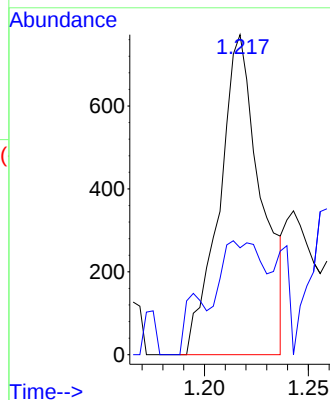
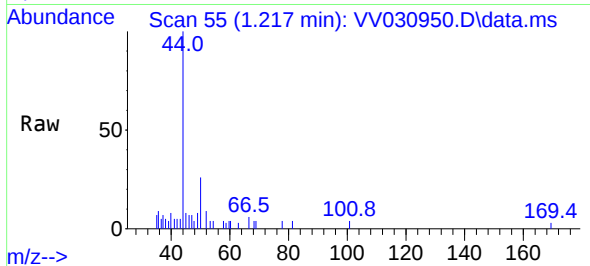




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

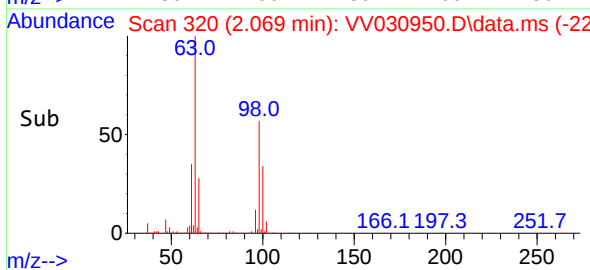
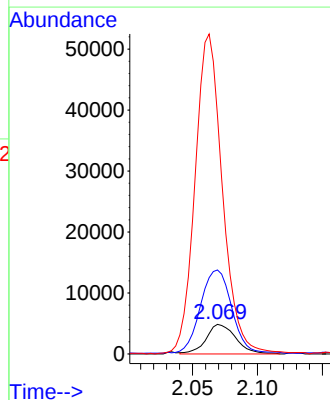
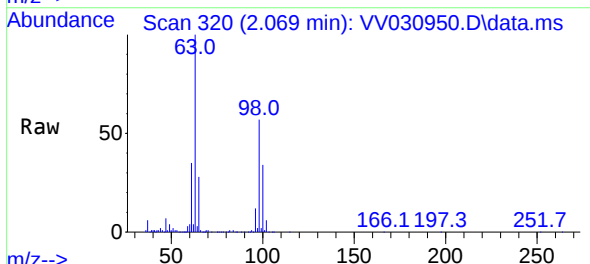
Instrument :
MSVOA_V
ClientSampleId :
HOA37

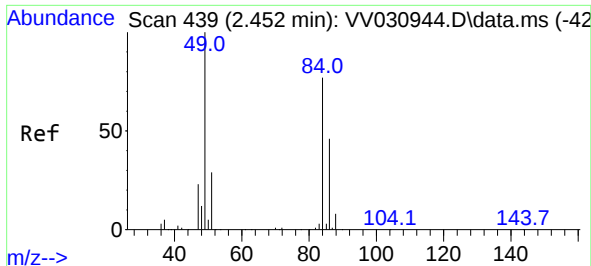
Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 33.4 22.8 42.4



#12
1,1-Dichloroethene
Concen: 0.889 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.003 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

Tgt Ion: 96 Resp: 7722
Ion Ratio Lower Upper
96 100
61 283.4 135.6 251.8#
63 803.3 121.1 224.9#

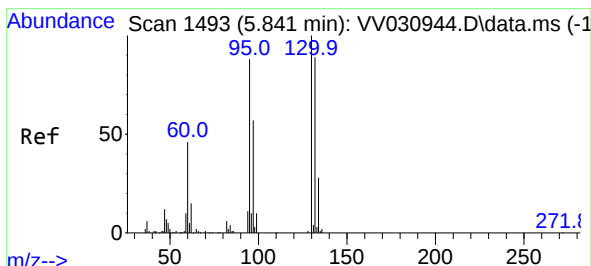
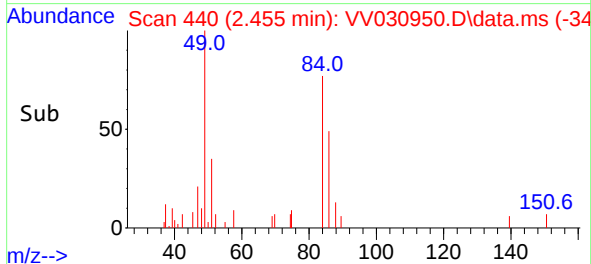
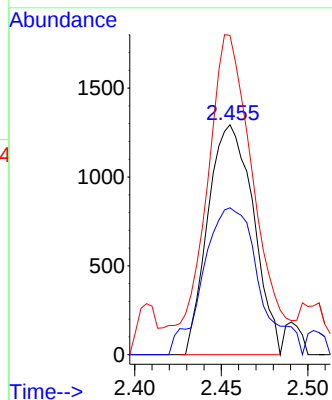
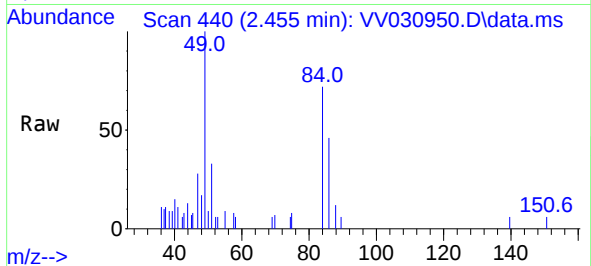




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

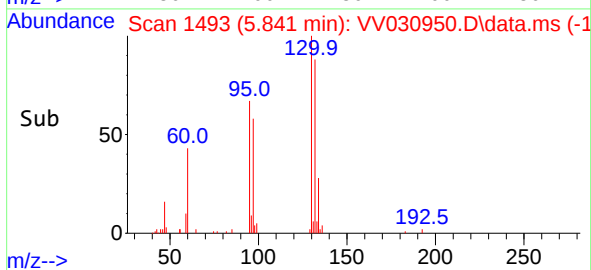
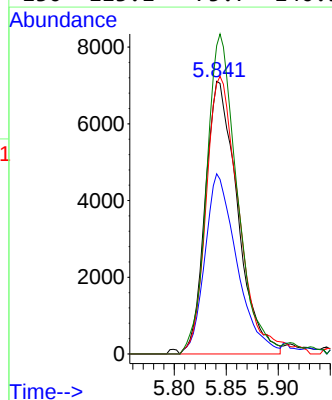
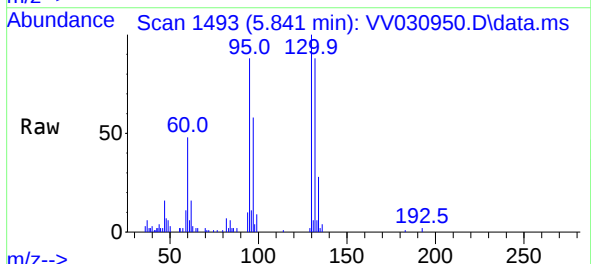
Instrument :
MSVOA_V
ClientSampleId :
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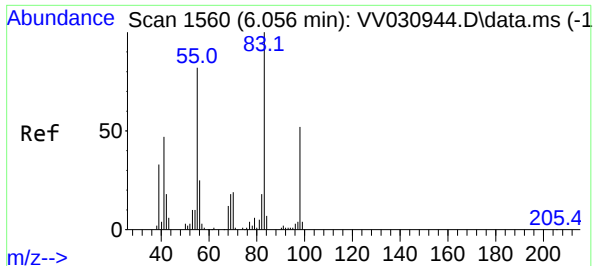
Tgt Ion: 84 Resp: 2355
Ion Ratio Lower Upper
84 100
86 63.9 46.1 85.5
49 138.9 94.3 175.1



#34
Trichloroethene
Concen: 1.845 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

Tgt Ion: 95 Resp: 15318
Ion Ratio Lower Upper
95 100
97 66.1 46.2 85.8
132 99.2 72.7 135.1
130 113.1 75.7 140.5

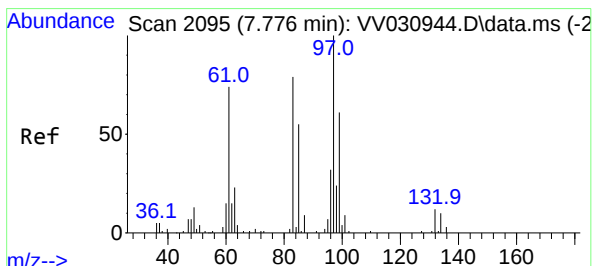
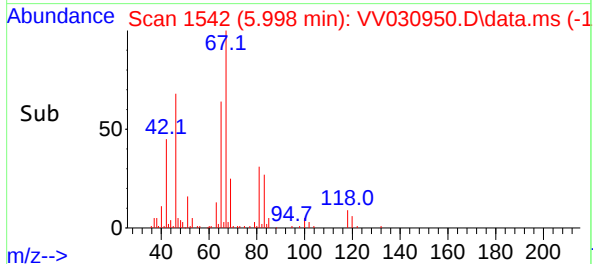
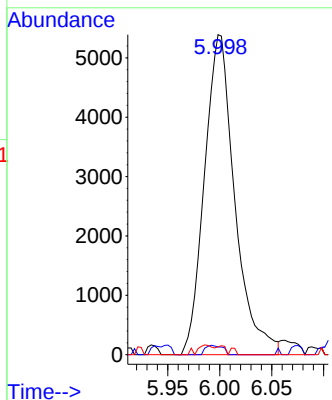
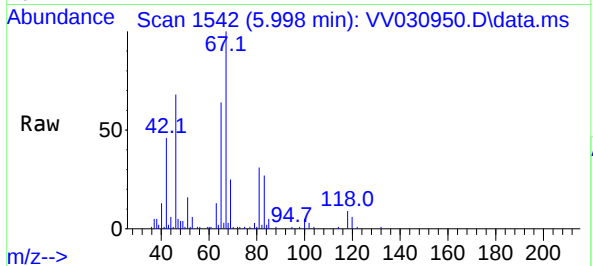




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

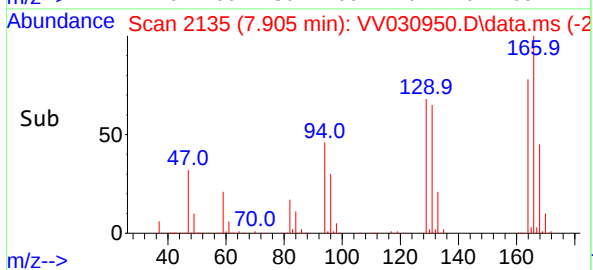
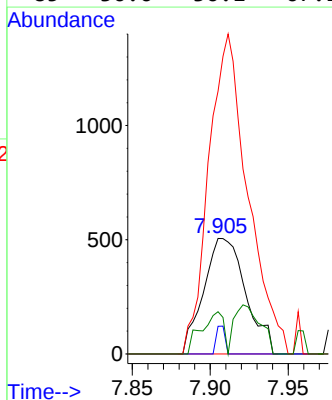
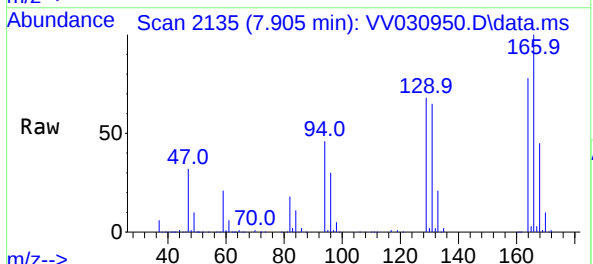
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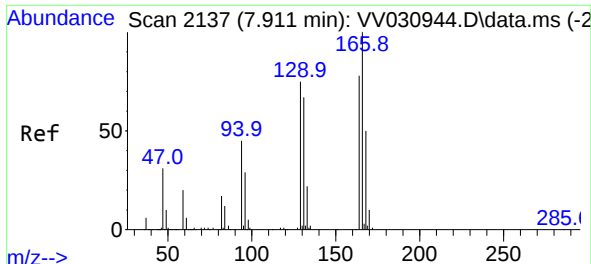
Tgt Ion: 83 Resp: 10942
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.7 40.5 60.7#



#45
1,1,2-Trichloroethane
Concen: 0.174 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.125 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

Tgt Ion: 97 Resp: 952
Ion Ratio Lower Upper
97 100
99 23.9 42.8 79.6#
83 227.3 57.5 106.7#
85 36.6 36.1 67.1

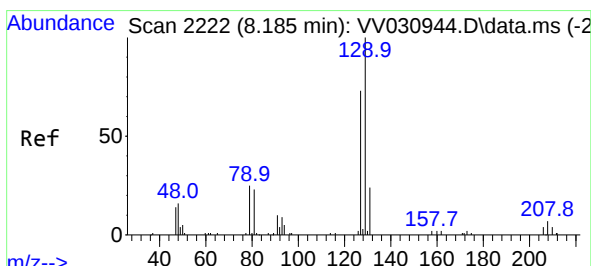
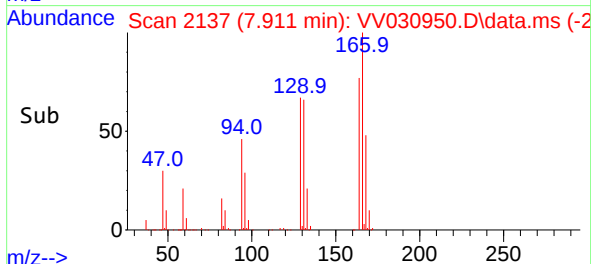
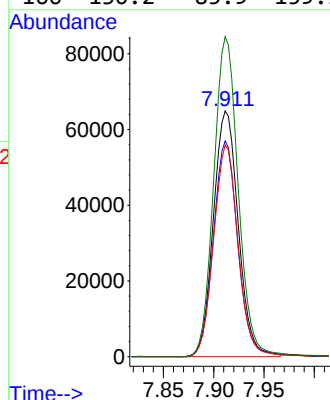
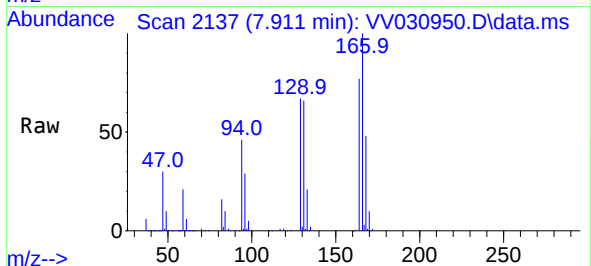




#47
Tetrachloroethene
Concen: 14.114 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

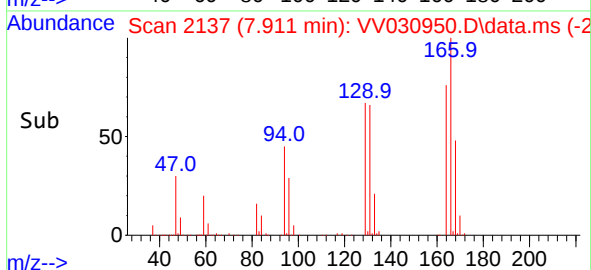
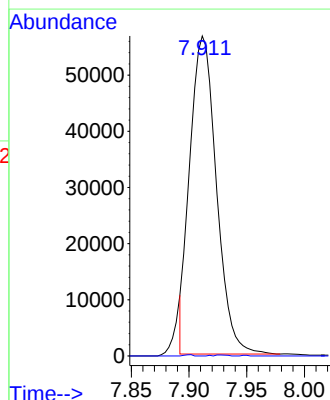
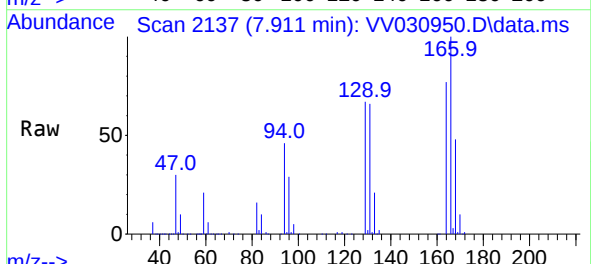
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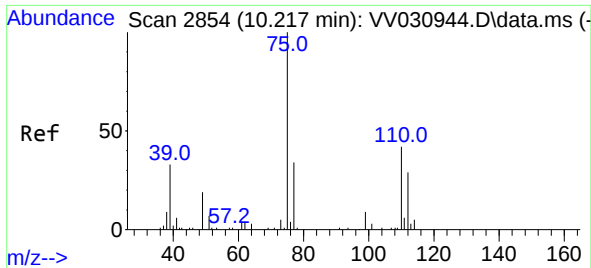
Tgt Ion:	164	Resp:	111804
Ion	Ratio	Lower	Upper
164	100		
129	87.8	60.5	112.3
131	86.2	60.8	112.8
166	130.2	85.9	159.5



#49
Dibromochloromethane
Concen: 13.122 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

Tgt Ion:	129	Resp:	90496
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#61
1,2,3-Trichloropropane
Concen: 1.625 ug/L
RT: 11.191 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV030950.D
Acq: 01 May 2023 13:02

Instrument :
MSVOA_V
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Tgt Ion: 75 Resp: 6545
Ion Ratio Lower Upper
75 100
77 41.1 25.3 37.9#
110 3.1 34.0 51.0#

