

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030927.D
 Acq On : 28 Apr 2023 17:43
 Operator : SY/MD
 Sample : 02488-12 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE67

Quant Time: Apr 29 01:10:36 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

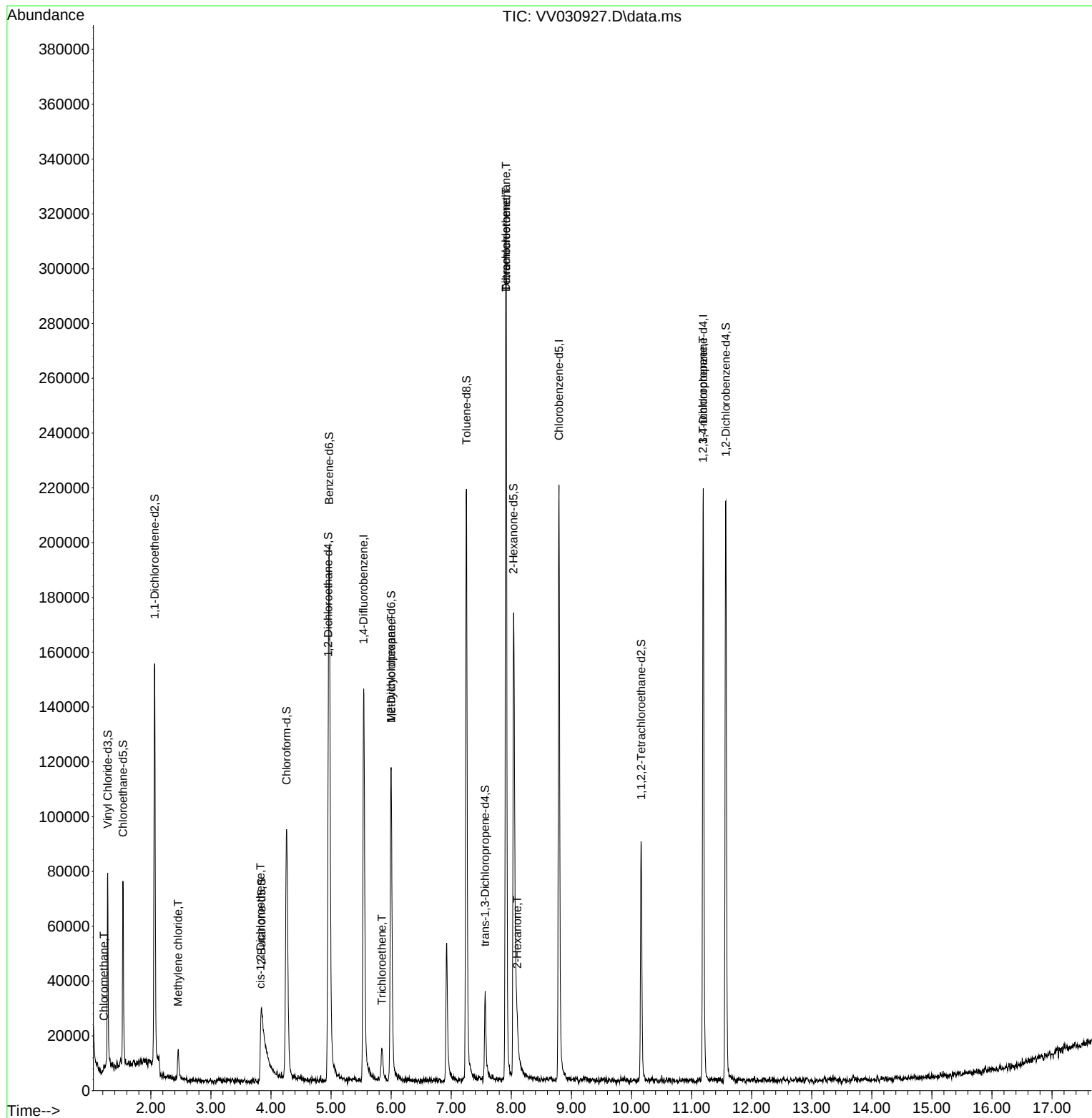
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	123635	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121622	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47432	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.535	69	41132	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.063	65	23782	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.841	46	55908	30.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.900%
24) Chloroform-d	4.259	84	97695	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.953	65	53140	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.969	84	168469	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.998	67	49469	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.252	98	145854	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.564	79	18939	4.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.037	63	67872	49.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37406	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	56115	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	929	0.081	ug/L #	81
16) Methylene chloride	2.452	84	4708	0.500	ug/L	92
22) cis-1,2-Dichloroethene	3.825	96	1277	0.159	ug/L	90
34) Trichloroethene	5.844	95	4057	0.497	ug/L	88
35) Methylcyclohexane	5.998	83	12991	1.028	ug/L #	19
47) Tetrachloroethene	7.911	164	72237	9.285	ug/L	95
48) 2-Hexanone	8.098	43	8030	2.785	ug/L #	81
49) Dibromochloromethane	7.911	129	57379	8.471	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6587	1.774	ug/L #	63

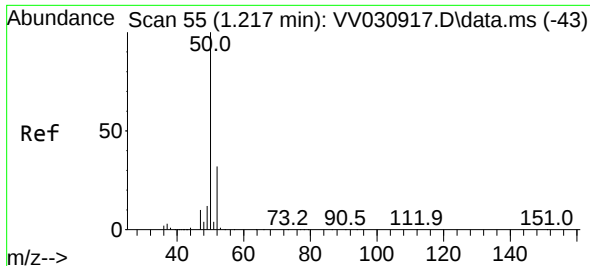
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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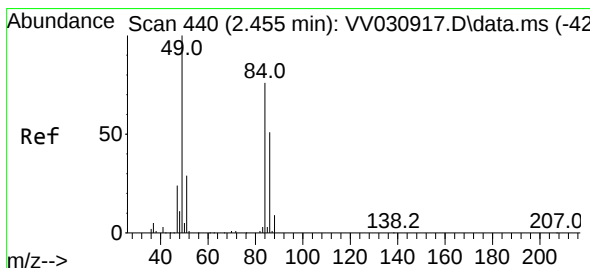
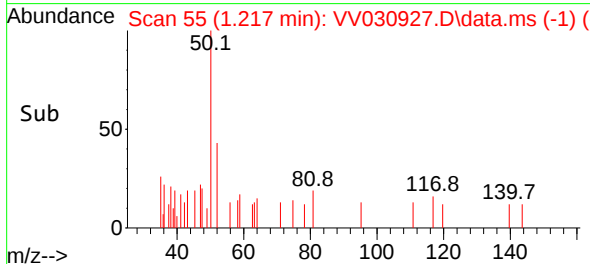
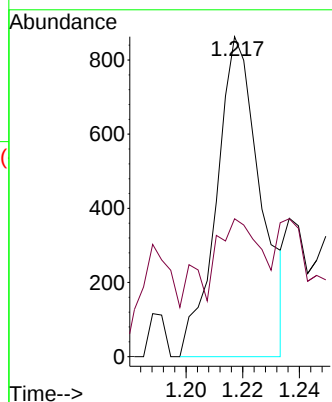
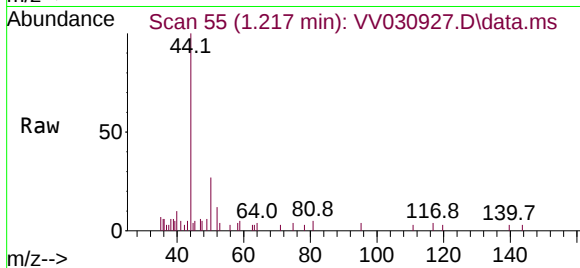




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

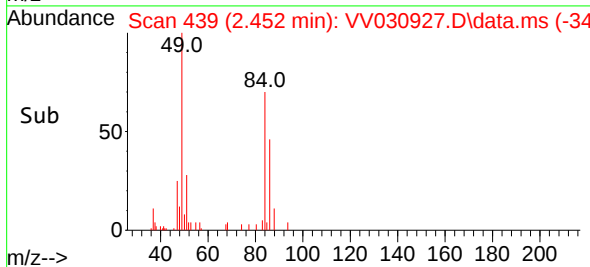
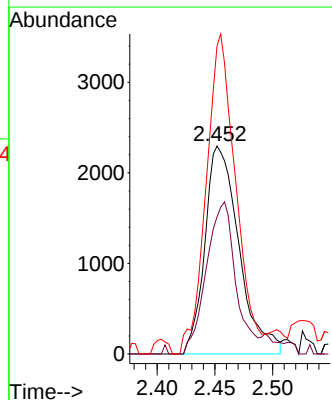
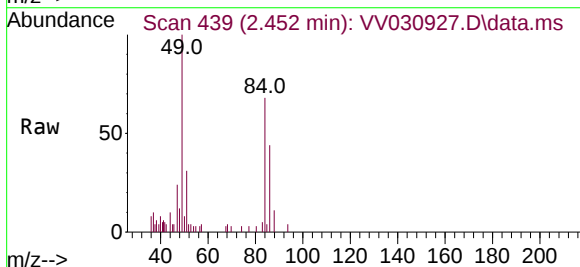
Instrument :
MSVOA_V
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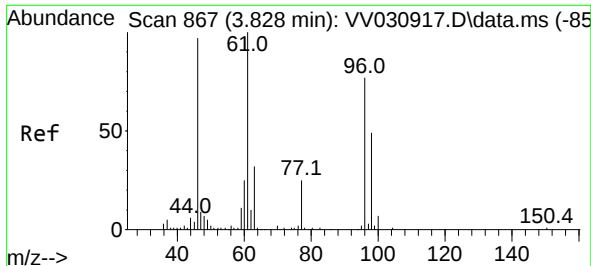
Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 43.1 22.8 42.4#



#16
Methylene chloride
Concen: 0.500 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

Tgt Ion: 84 Resp: 4708
Ion Ratio Lower Upper
84 100
86 65.9 46.1 85.5
49 148.1 94.3 175.1

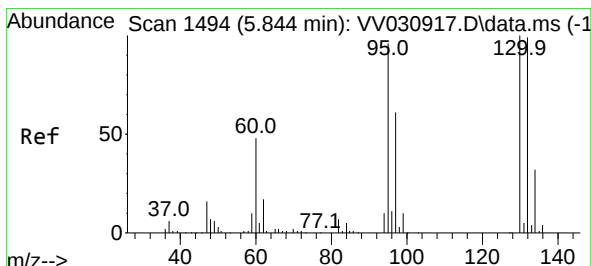
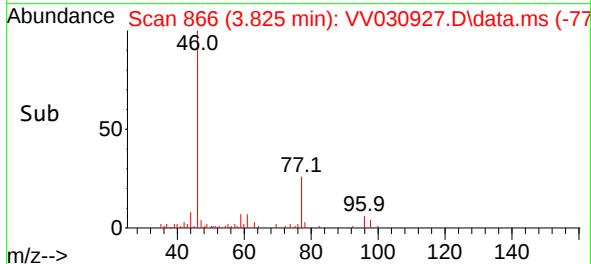
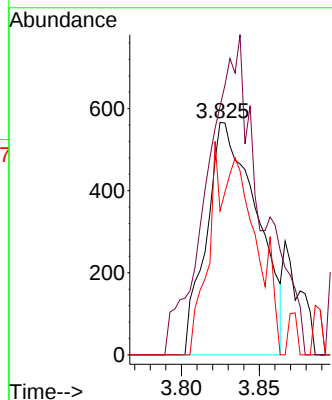
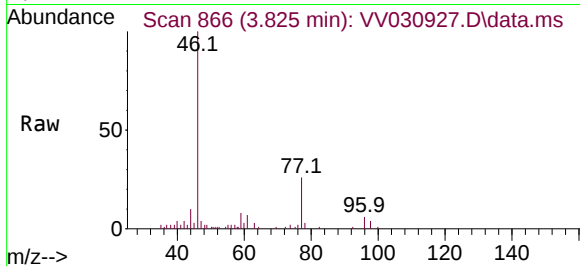




#22
cis-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.003 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

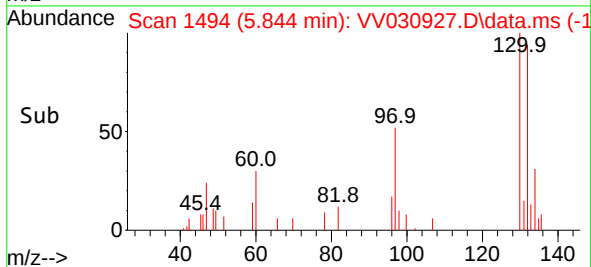
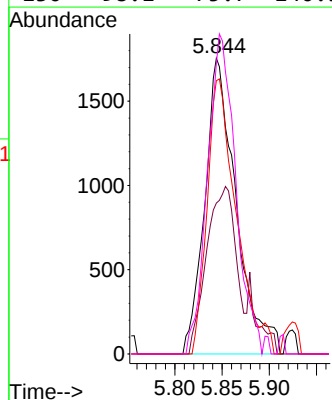
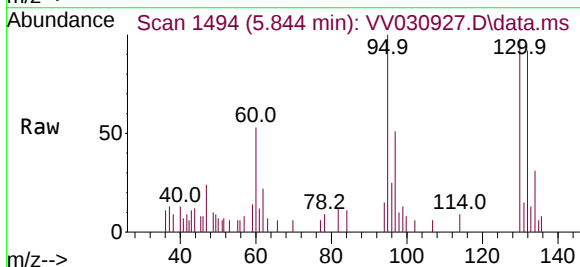
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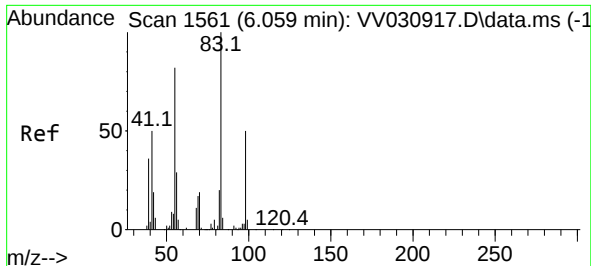
Tgt Ion: 96 Resp: 1277
Ion Ratio Lower Upper
96 100
61 106.9 86.0 159.6
98 62.0 43.2 80.2



#34
Trichloroethene
Concen: 0.497 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

Tgt Ion: 95 Resp: 4057
Ion Ratio Lower Upper
95 100
97 51.0 46.2 85.8
132 92.4 72.7 135.1
130 98.1 75.7 140.5

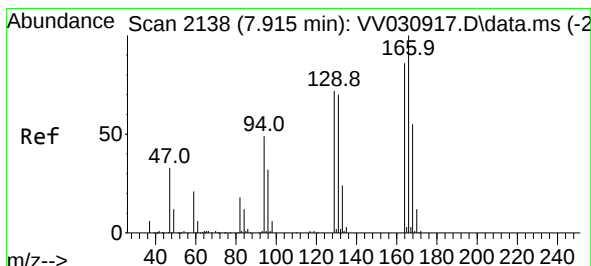
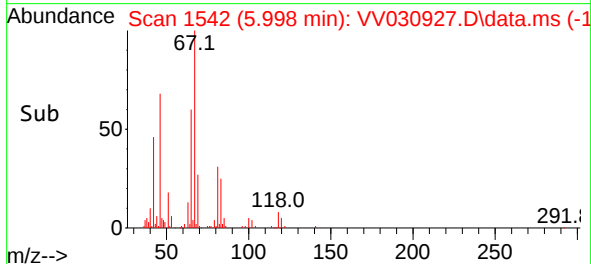
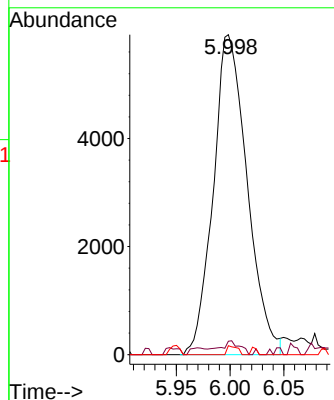
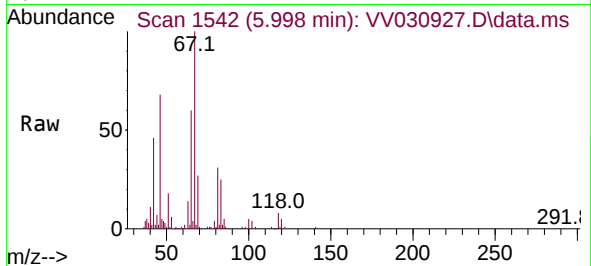




#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

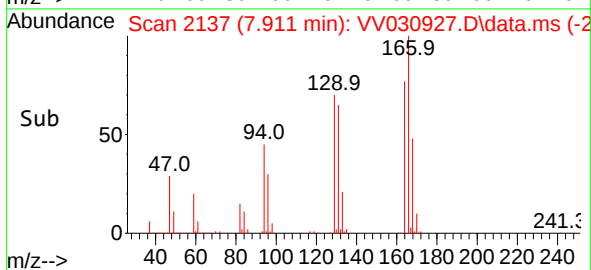
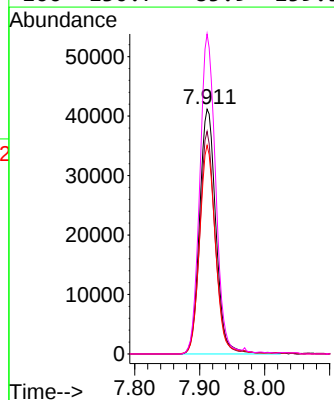
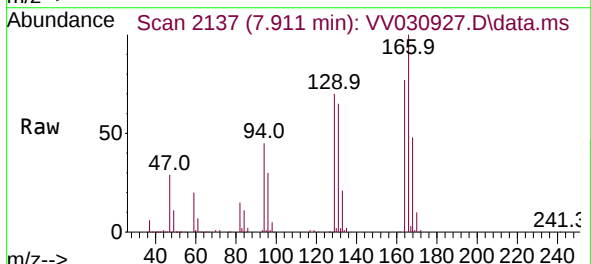
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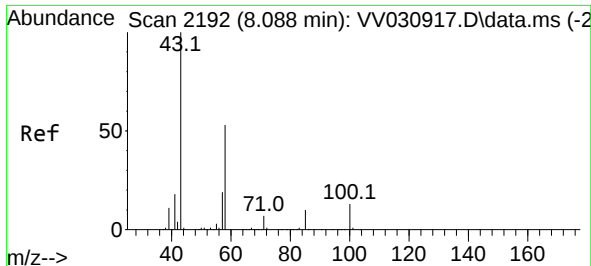
Tgt Ion: 83 Resp: 12991
Ion Ratio Lower Upper
83 100
55 2.5 62.9 94.3#
98 0.8 40.5 60.7#



#47
Tetrachloroethene
Concen: 9.285 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

Tgt Ion: 164 Resp: 72237
Ion Ratio Lower Upper
164 100
129 90.9 60.5 112.3
131 85.2 60.8 112.8
166 130.7 85.9 159.5

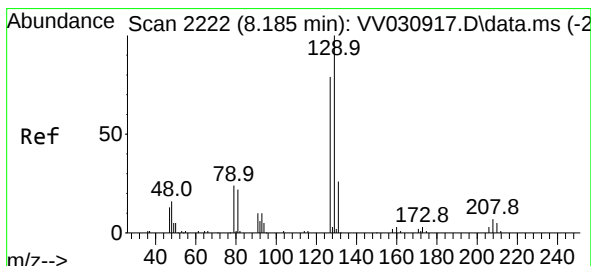
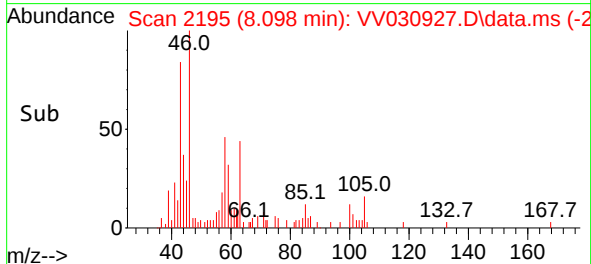
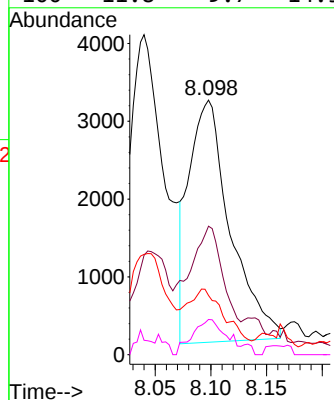
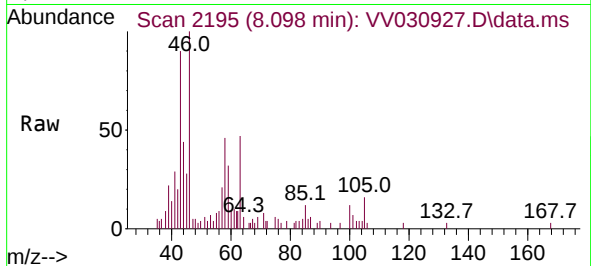




#48
2-Hexanone
Concen: 2.785 ug/L
RT: 8.098 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

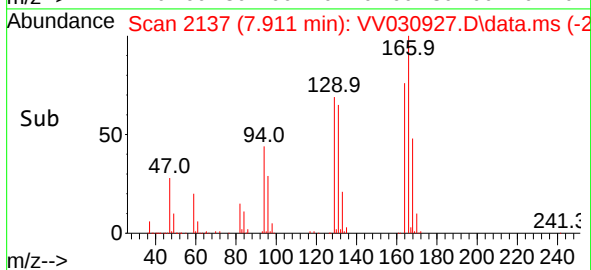
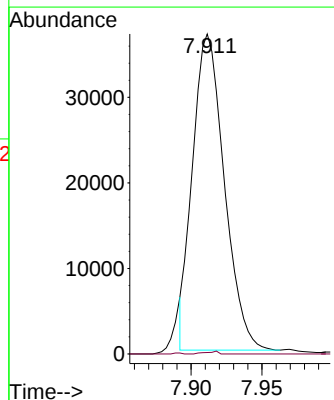
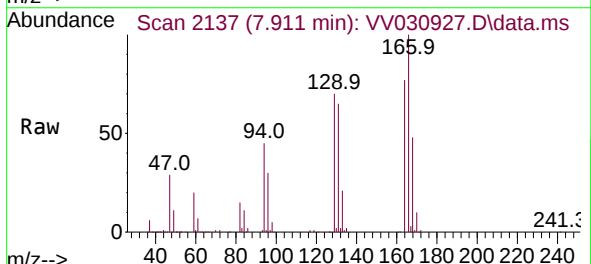
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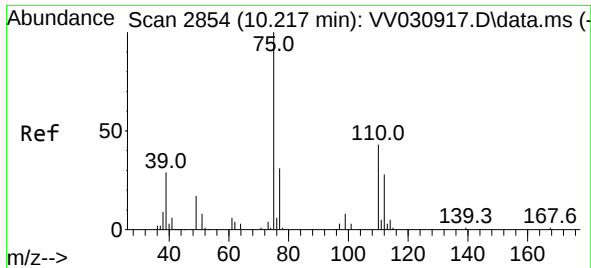
Tgt Ion: 43	Resp: 8030
Ion Ratio	Lower Upper
43 100	
58 34.2	39.9 59.9#
57 26.3	14.1 21.1#
100 11.8	9.7 14.5



#49
Dibromochloromethane
Concen: 8.471 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030927.D
Acq: 28 Apr 2023 17:43

Tgt Ion: 129	Resp: 57379
Ion Ratio	Lower Upper
129 100	
127 0.5	55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.774 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030927.D
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Tgt Ion: 75 Resp: 6587
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 110 1.9 34.0 51.0#

