

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020221\
 Data File : VW020242.D
 Acq On : 02 Feb 2021 16:54
 Operator : SY/MD
 Sample : M1258-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG522

Quant Time: Feb 03 02:30:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 02:27:31 2021
 Response via : Initial Calibration

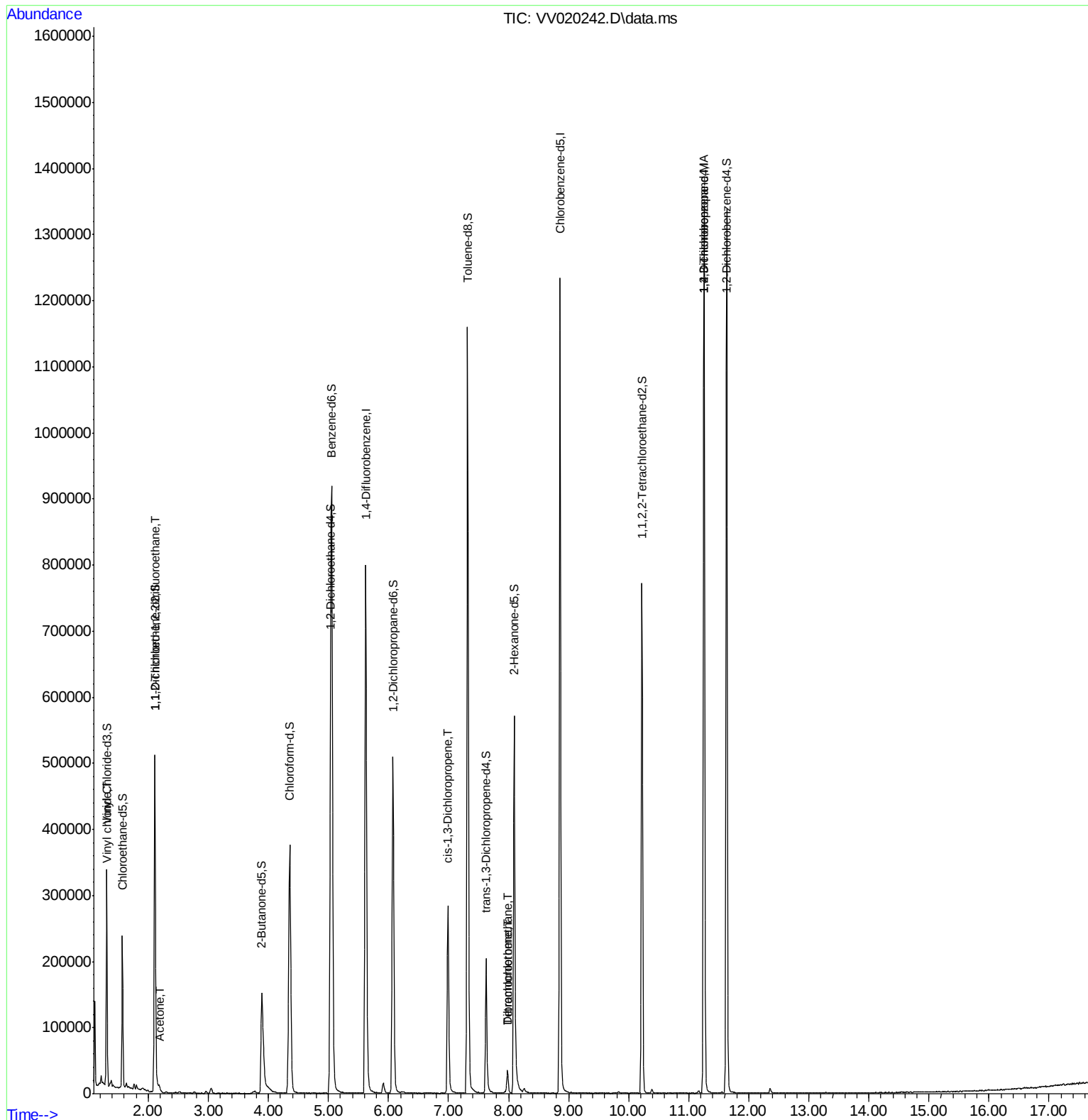
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	721803	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	699456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	369724	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	178049	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.04%
7) Chloroethane-d5	1.569	69	141403	36.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.34%
11) 1,1-Dichloroethene-d2	2.110	63	253773	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.891	46	264791	83.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.70%
24) Chloroform-d	4.354	84	403706	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.035	65	260548	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
32) Benzene-d6	5.055	84	818603	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.074	67	247970	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.92%
41) Toluene-d8	7.318	98	780231	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%
43) trans-1,3-Dichloroprop...	7.624	79	119602	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
47) 2-Hexanone-d5	8.090	63	203151	82.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.45%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	350813	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.630	152	369395	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%
Target Compounds						
5) Vinyl chloride	1.312	62	6175	1.17	ug/L	# 53
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2929	0.79	ug/L	# 23
13) Acetone	2.187	43	12774	7.01	ug/L	81
39) cis-1,3-Dichloropropene	6.987	75	6798	0.89	ug/L	# 49
46) Tetrachloroethene	7.984	164	8973	2.08	ug/L	85
49) Dibromochloromethane	7.981	129	7276	1.36	ug/L	# 10
59) 1,2,3-Trichloropropane	11.254	75	36187	5.68	ug/L	92

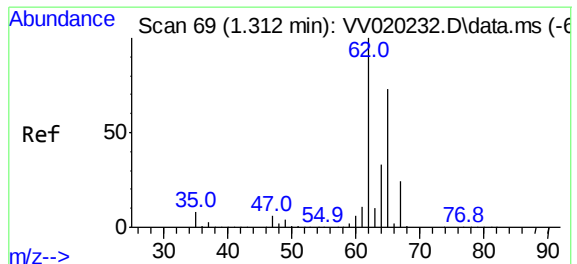
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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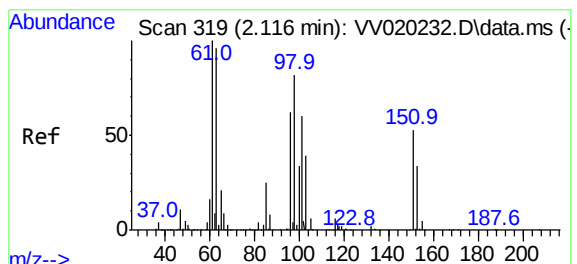
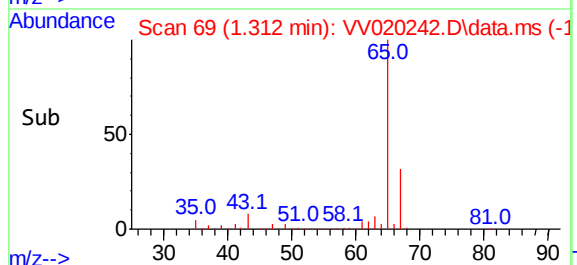
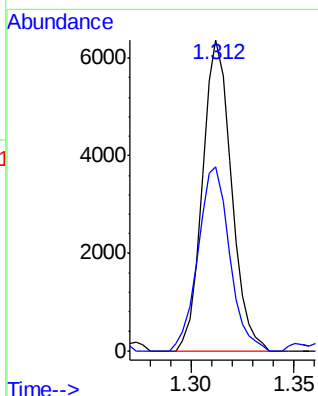
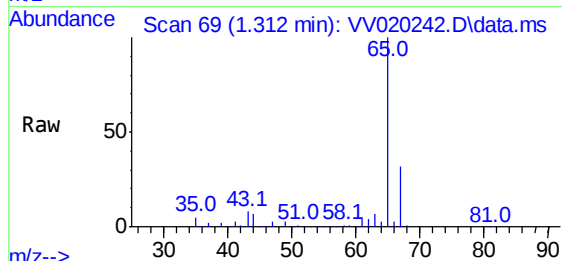




#5
 Vinyl chloride
 Concen: 1.17 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020242.D
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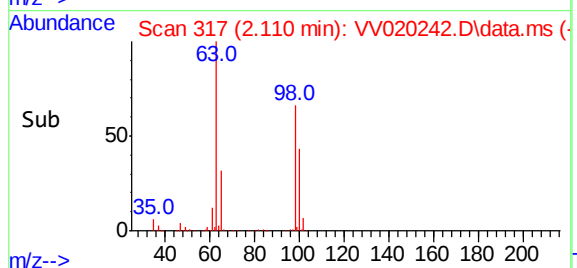
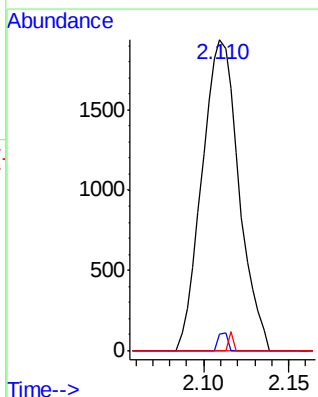
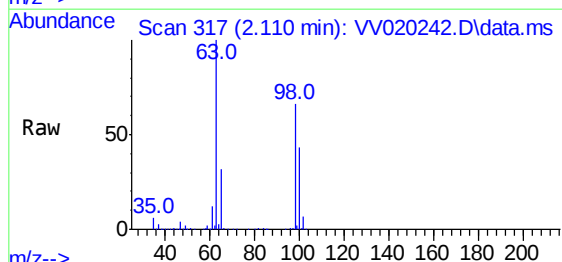
Instrument :
 MSVOA_V
 ClientSampled :
 BG522

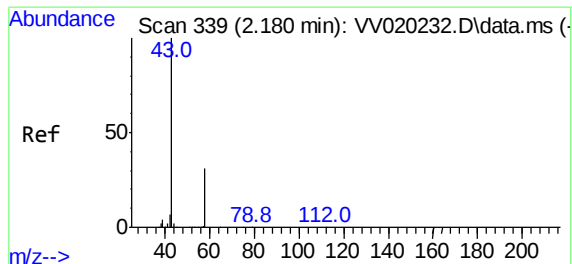
Tgt Ion: 62 Resp: 6175
 Ion Ratio Lower Upper
 62 100
 64 59.3 23.0 42.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.79 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV020242.D
 Acq: 02 Feb 2021 16:54

Tgt Ion:101 Resp: 2929
 Ion Ratio Lower Upper
 101 100
 85 1.4 35.3 52.9#
 151 0.0 53.6 80.4#

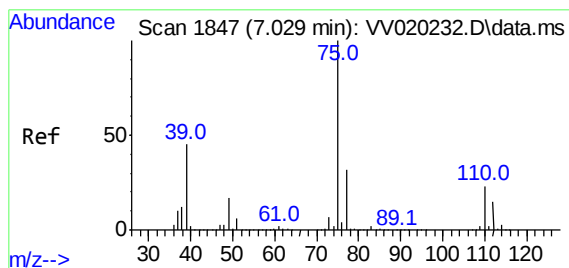
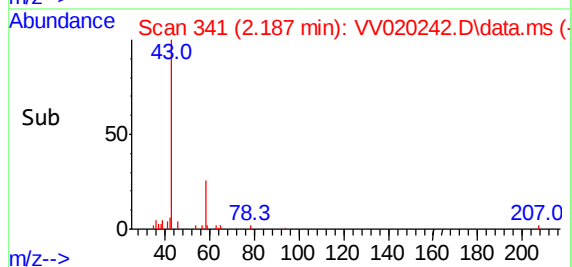
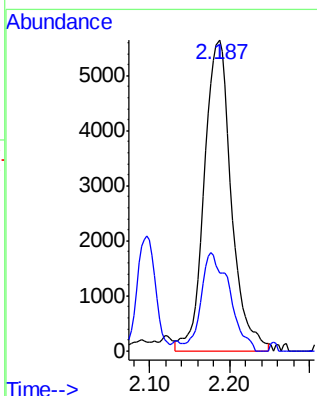
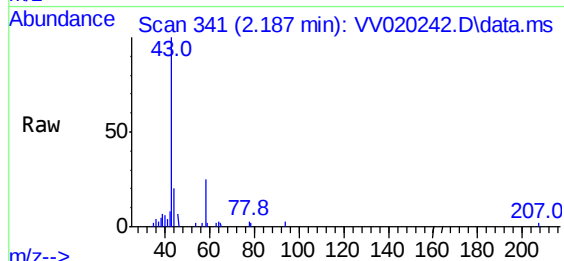




#13
Acetone
Concen: 7.01 ug/L
RT: 2.187 min Scan# 341
Delta R.T. 0.006 min
Lab File: VV020242.D
Acq: 02 Feb 2021 16:54

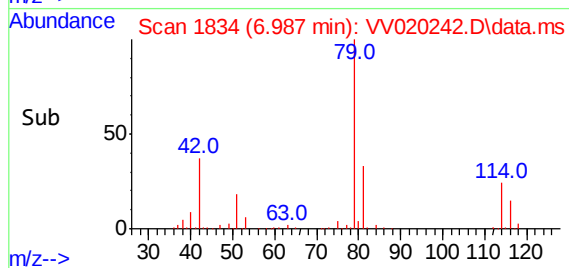
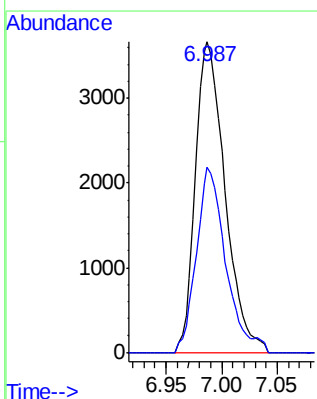
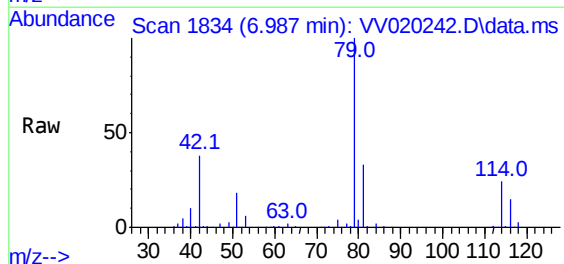
Instrument :
MSVOA_V
ClientSampleId :
BG522

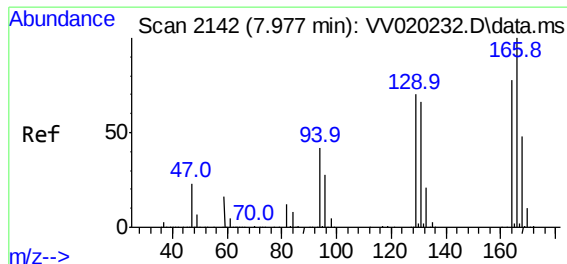
Tgt Ion: 43 Resp: 12774
Ion Ratio Lower Upper
43 100
58 19.9 0.0 60.2



#39
cis-1,3-Dichloropropene
Concen: 0.89 ug/L
RT: 6.987 min Scan# 1834
Delta R.T. -0.042 min
Lab File: VV020242.D
Acq: 02 Feb 2021 16:54

Tgt Ion: 75 Resp: 6798
Ion Ratio Lower Upper
75 100
77 59.5 21.8 40.6#

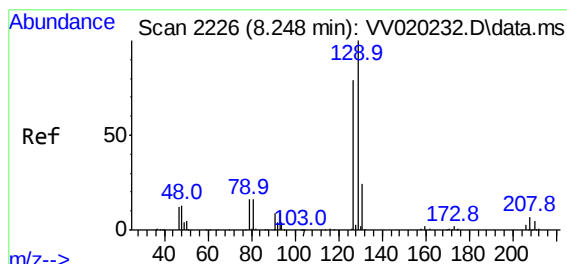
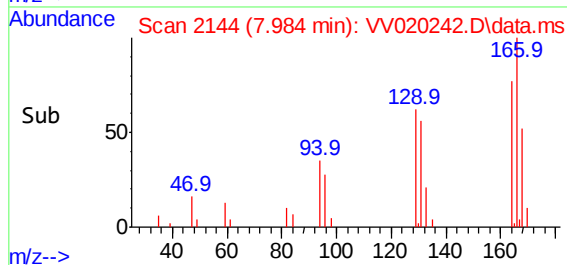
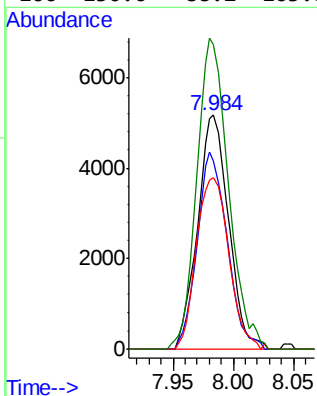
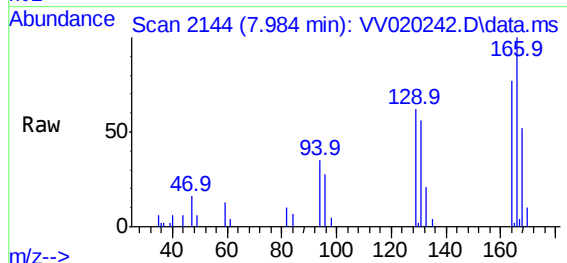




#46
Tetrachloroethene
Concen: 2.08 ug/L
RT: 7.984 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VV020242.D
Acq: 02 Feb 2021 16:54

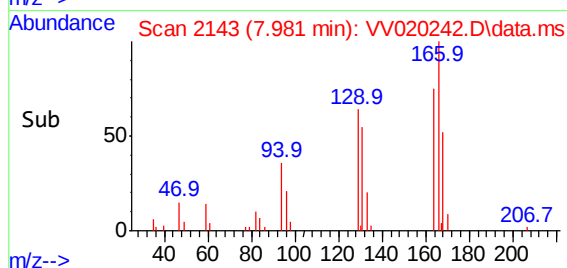
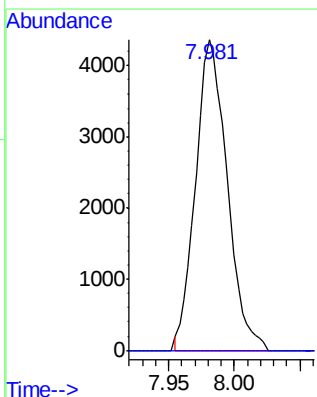
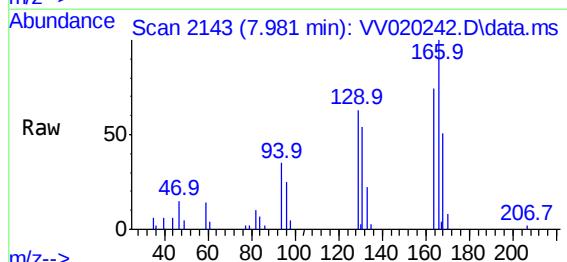
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MSVOA_V
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BG522

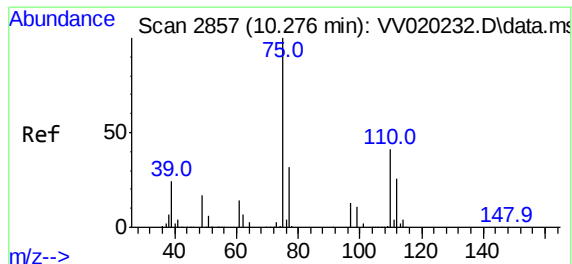
Tgt Ion:164 Resp: 8973
Ion Ratio Lower Upper
164 100
129 80.4 70.6 131.0
131 73.2 66.8 124.0
166 130.6 88.2 163.8



#49
Dibromochloromethane
Concen: 1.36 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.267 min
Lab File: VV020242.D
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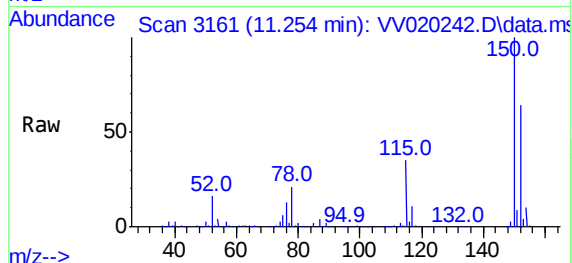
Tgt Ion:129 Resp: 7276
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.68 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.977 min
 Lab File: VV020242.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 BG522



Tgt Ion: 75 Resp: 36187
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0

