

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018865.D
 Acq On : 12 Oct 2020 18:41
 Operator : SY/MD
 Sample : L4284-02DL 250X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P4

Quant Time: Oct 13 01:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363837	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	131544	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.58	69	105714	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.46%
11) 1,1-Dichloroethene-d2	2.12	63	190295	29.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.72%#
21) 2-Butanone-d5	3.91	46	175573	86.49	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.49%
24) Chloroform-d	4.37	84	208613	35.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.54%
26) 1,2-Dichloroethane-d4	5.05	65	149043	37.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.40%
32) Benzene-d6	5.07	84	425232	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
36) 1,2-Dichloropropane-d6	6.09	67	143630	40.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.46%
41) Toluene-d8	7.34	98	375589	38.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.28%#
43) trans-1,3-Dichloropropene-	7.64	79	62816	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
47) 2-Hexanone-d5	8.11	63	97800	78.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144319	35.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	159487	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%

Target Compounds

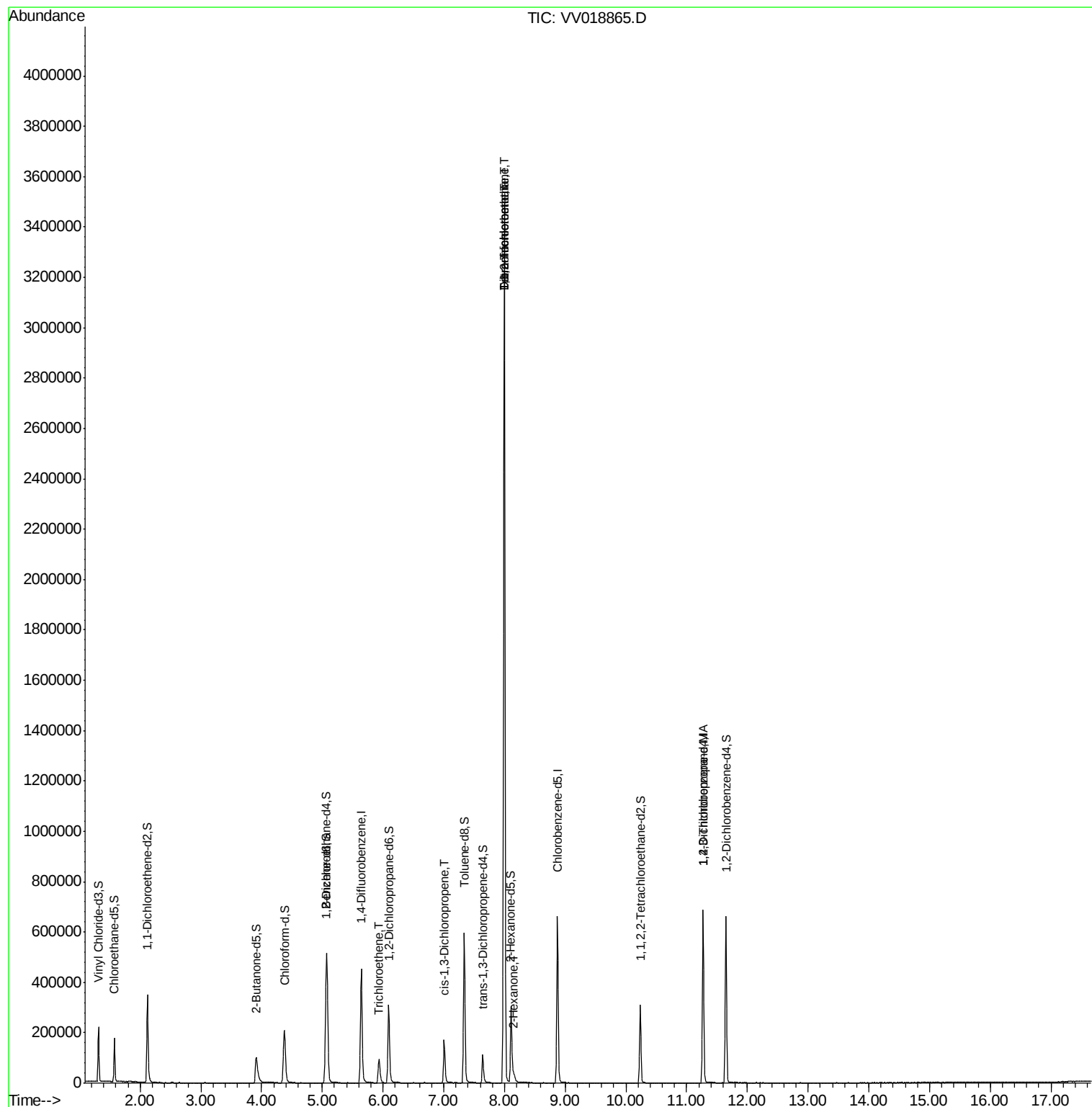
					Ovalue
34) Trichloroethene	5.94	95	22994	7.401 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4489	1.072 ug/L #	59
45) 1,1,2-Trichloroethane	7.99	97	6516	2.447 ug/L #	1
46) Tetrachloroethene	8.00	164	754103	331.183 ug/L	98
48) 2-Hexanone	8.16	43	14616	4.805 ug/L #	91
49) Dibromochloromethane	8.00	129	688425	236.494 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	20130	5.705 ug/L	90

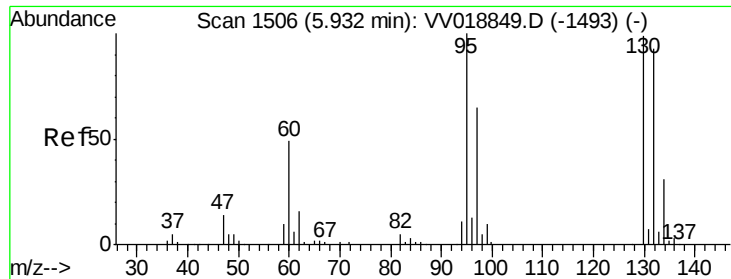
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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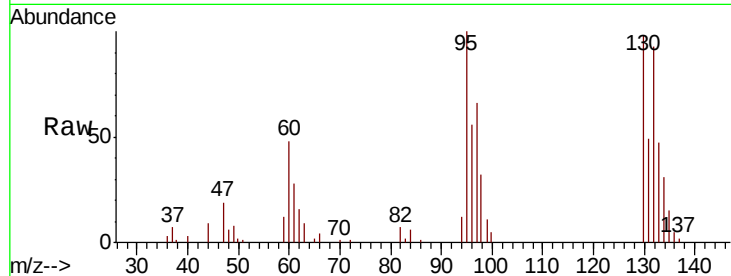




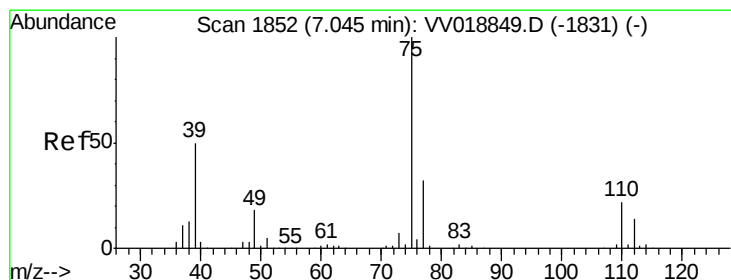
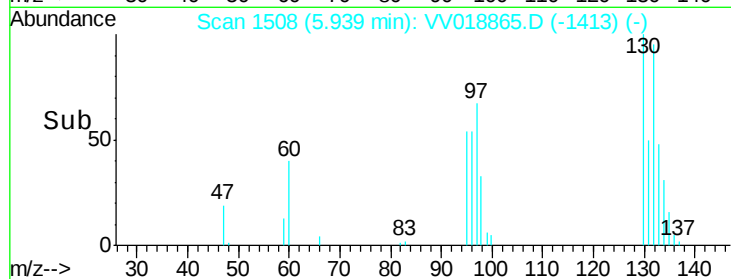
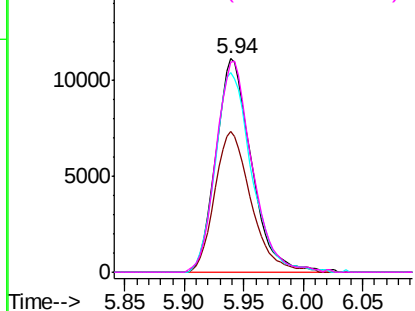
#34
 Trichloroethene
 Concen: 7.401 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018865.D
 Acq: 12 Oct 2020 18:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P4

Tot Ion: 95 Resp: 22994
 Ion Ratio Lower Upper
 95 100
 97 66.1 45.1 83.9
 132 93.3 66.2 123.0
 130 98.0 69.1 128.3

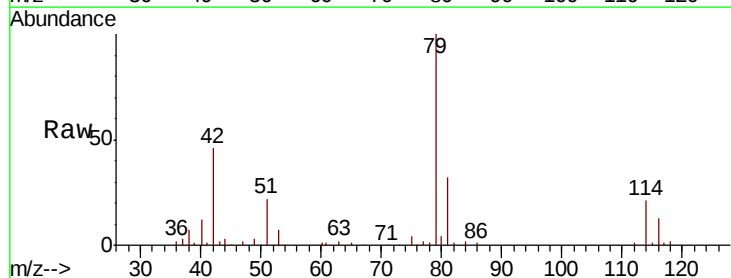


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

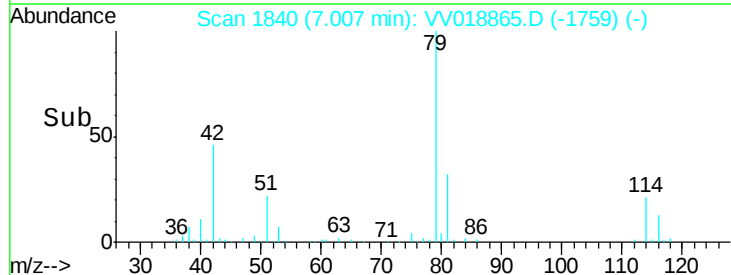
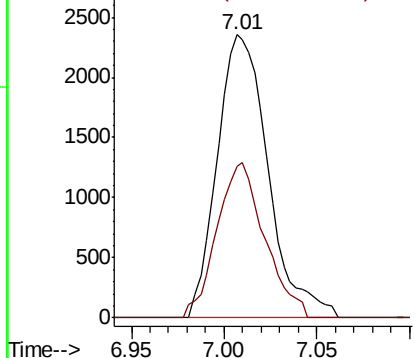


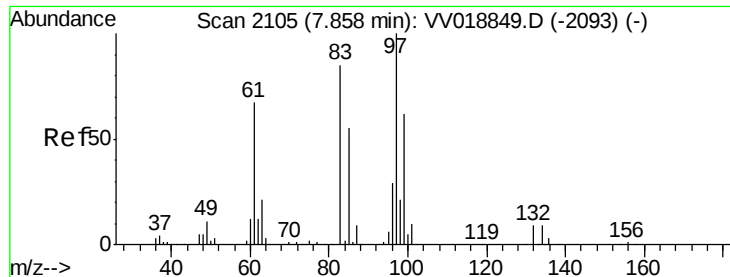
#39
 cis-1,3-Dichloropropene
 Concen: 1.072 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018865.D
 Acq: 12 Oct 2020 18:41

Tgt Ion: 75 Resp: 4489
 Ion Ratio Lower Upper
 75 100
 77 53.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

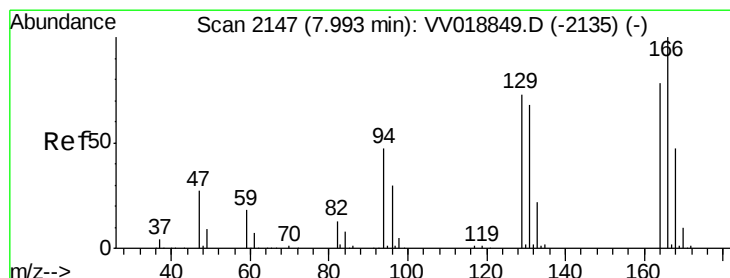
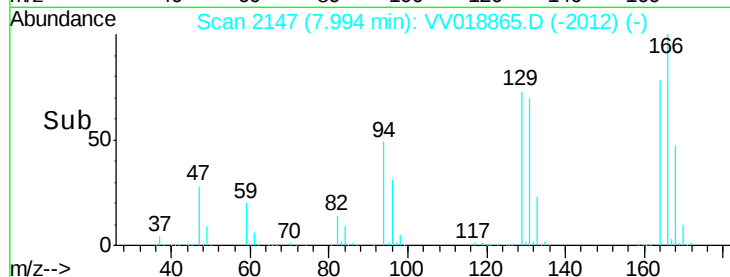
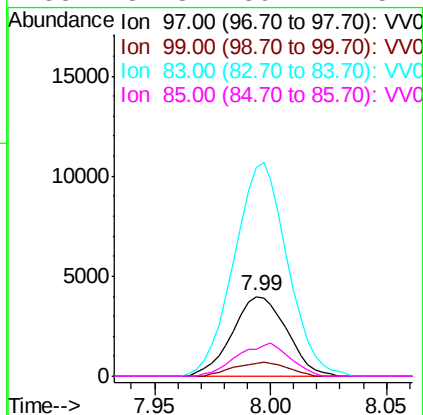
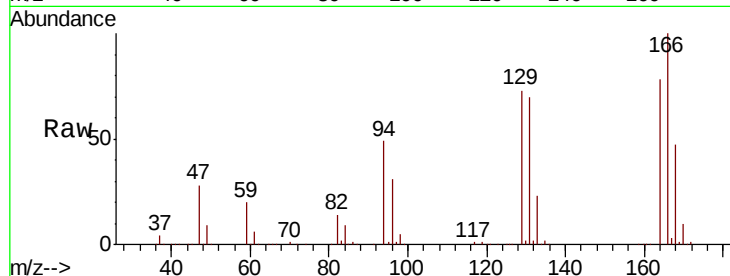




#45
1,1,2-Trichloroethane
Concen: 2.447 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV018865.D
Acq: 12 Oct 2020 18:41

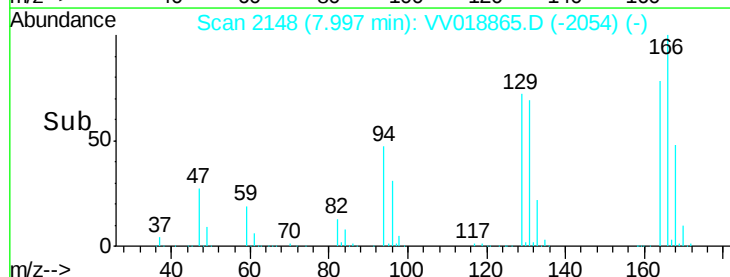
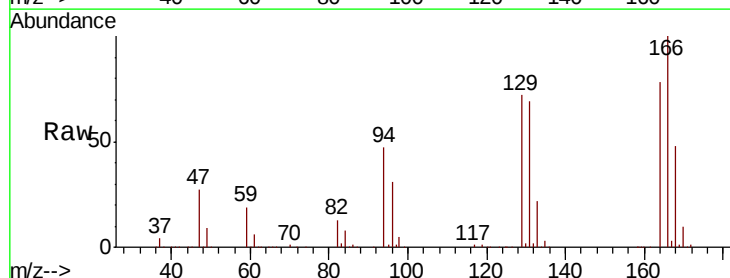
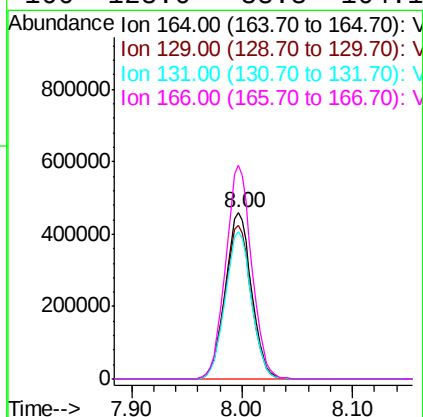
Instrument :
MSVOA_V
ClientSampleId :
BG3P4

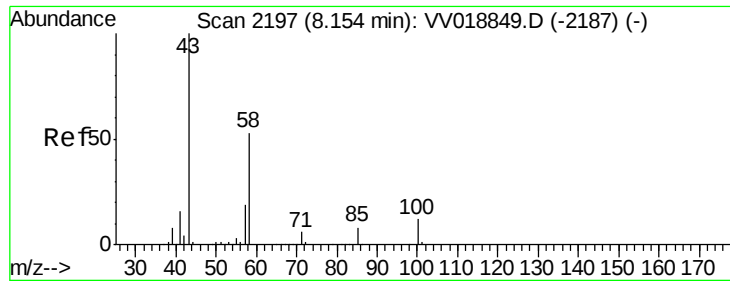
Tot Ion: 97 Resp: 6516
Ion Ratio Lower Upper
97 100
99 16.7 43.4 80.6#
83 261.8 58.7 108.9#
85 34.3 39.4 73.2#



#46
Tetrachloroethene
Concen: 331.183 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018865.D
Acq: 12 Oct 2020 18:41

Tgt Ion: 164 Resp: 754103
Ion Ratio Lower Upper
164 100
129 92.7 64.6 120.0
131 88.9 63.6 118.0
166 128.6 88.3 164.1

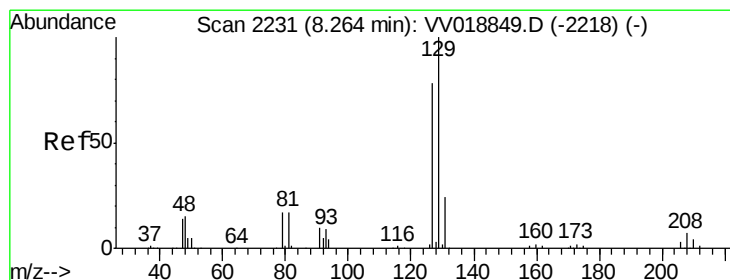
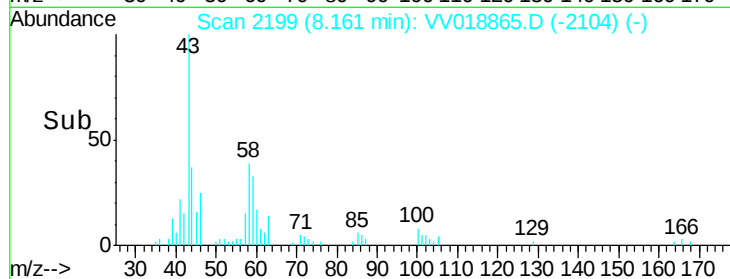
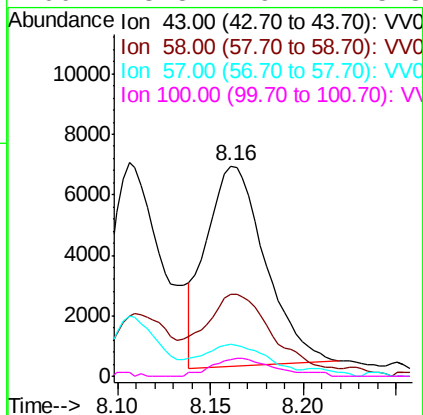
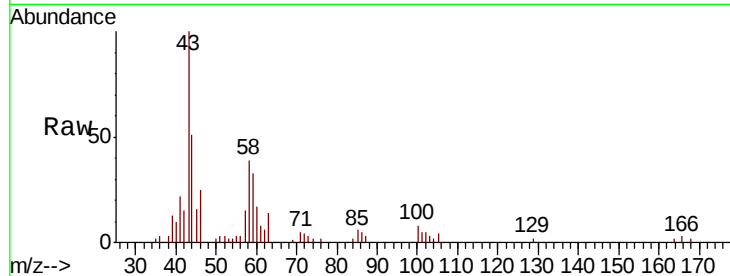




#48
2-Hexanone
Concen: 4.805 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018865.D
Acq: 12 Oct 2020 18:41

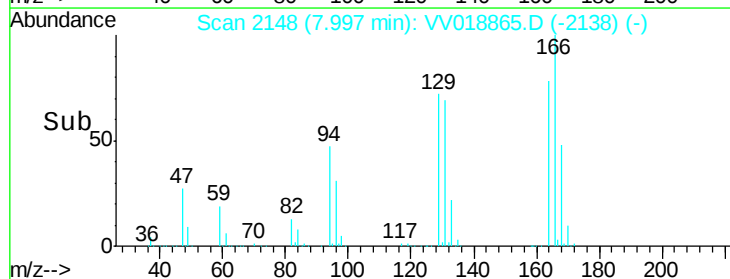
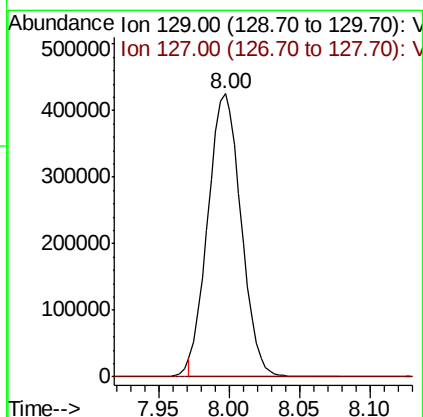
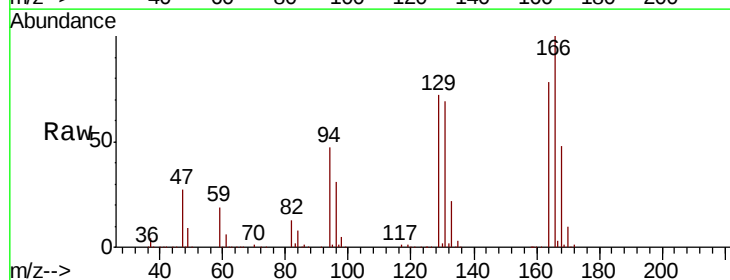
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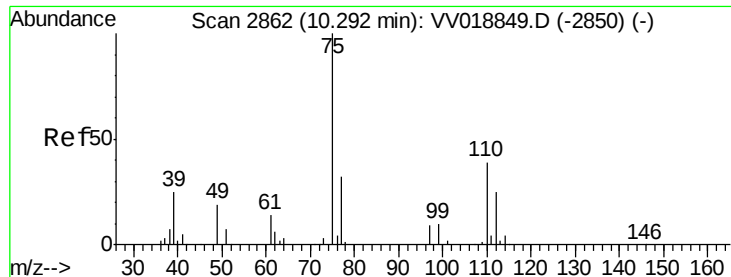
Tot Ion: 43 Resp: 14616
Ion Ratio Lower Upper
43 100
58 43.6 41.8 62.8
57 17.3 14.9 22.3
100 8.8 9.2 13.8#



#49
Dibromochloromethane
Concen: 236.494 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018865.D
Acq: 12 Oct 2020 18:41

Tgt Ion: 129 Resp: 688425
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#





#59

1,2,3-Trichloropropane

Concen: 5.705 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018865.D

Acq: 12 Oct 2020 18:41

Instrument :

MSVOA_V

ClientSampleId :

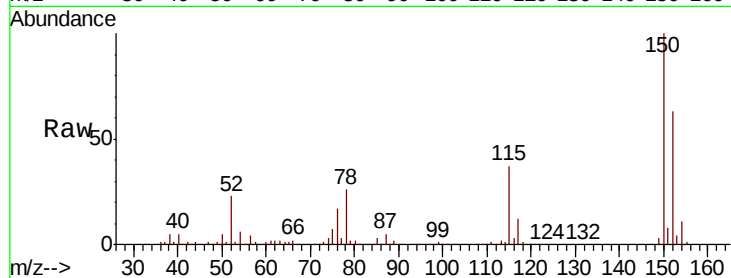
BG3P4

Tot Ion: 75 Resp: 20130

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

