

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018945.D
 Acq On : 16 Oct 2020 18:25
 Operator : SY/MD
 Sample : L4426-04 200X
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z5

Quant Time: Oct 17 06:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292874	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109196	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	95038	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.52%
11) 1,1-Dichloroethene-d2	2.12	63	171609	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.90	46	170670	101.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.38	84	198893	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.06	65	145527	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	5.07	84	395471	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.09	67	128065	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.34	98	342574	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.64	79	59952	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.11	63	84959	83.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133715	41.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	140500	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

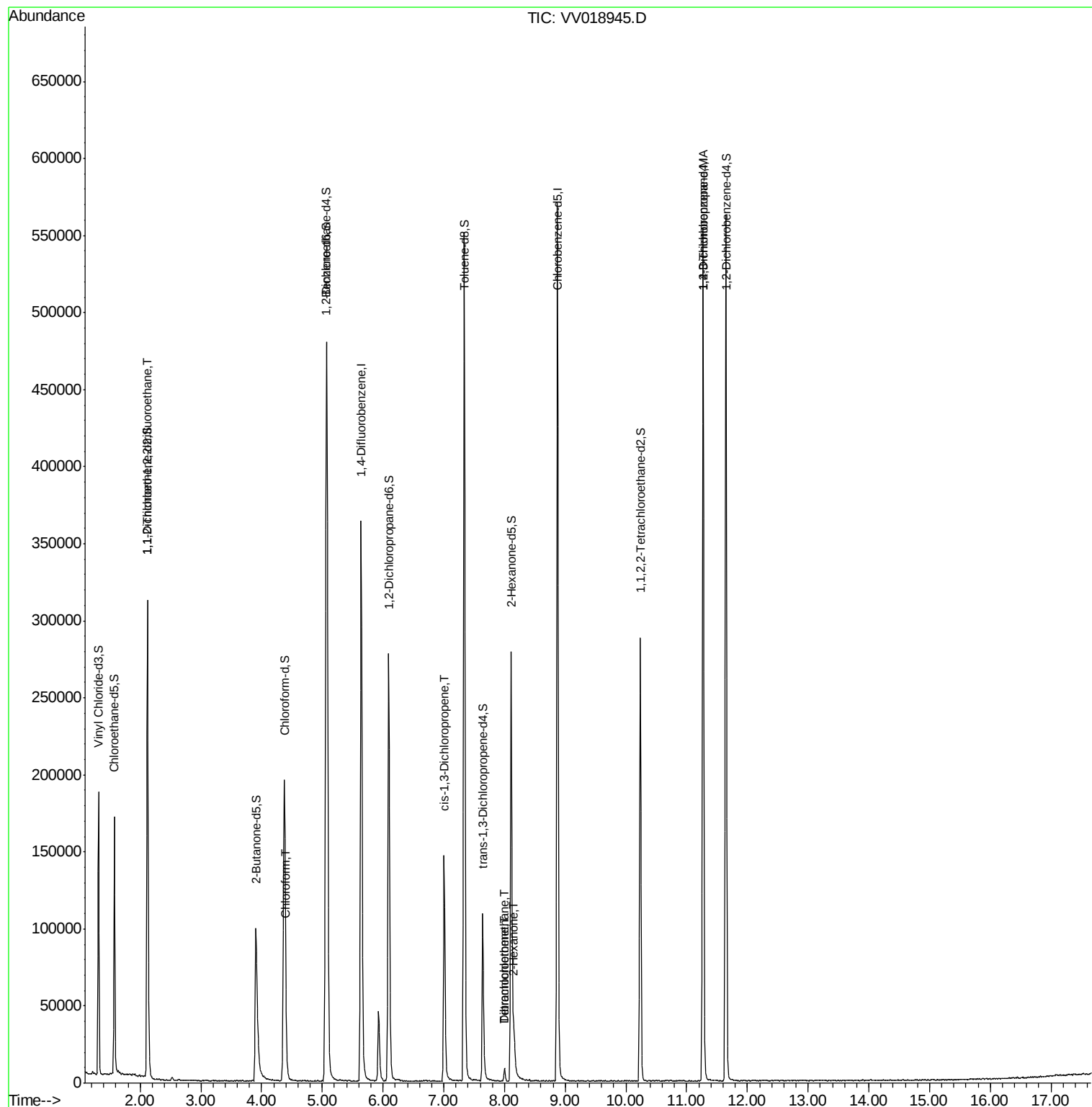
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1465	0.771 ug/L #	20
25) Chloroform	4.41	83	4874	1.166 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	3819	1.060 ug/L #	52
46) Tetrachloroethene	8.00	164	1883	1.034 ug/L	91
48) 2-Hexanone	8.16	43	15537	5.927 ug/L #	91
49) Dibromochloromethane	8.00	129	1521	0.644 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	16352	5.634 ug/L #	87

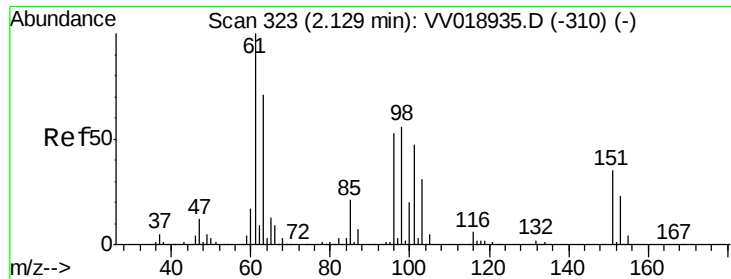
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.771 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018945.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_V

ClientSampled :

BG3Z5

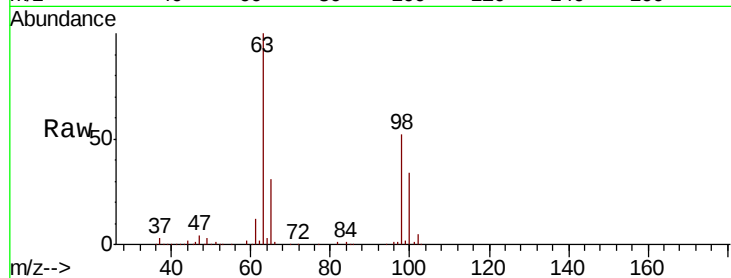
Tot Ion:101 Resp: 1465

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

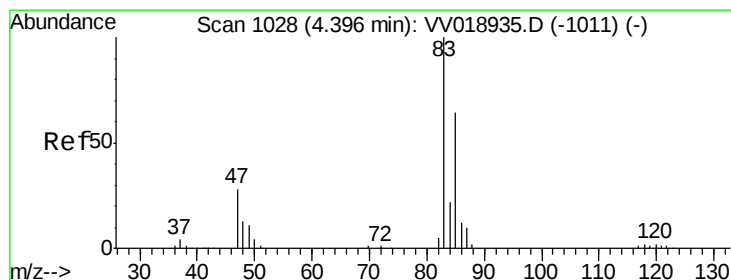
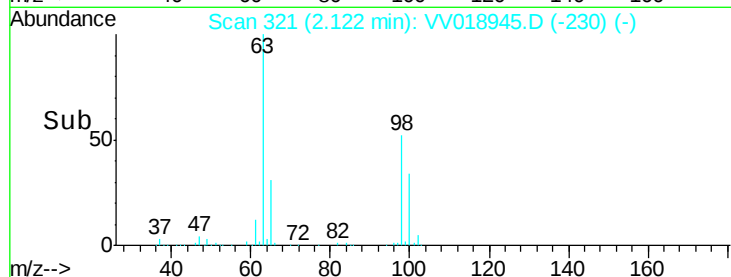
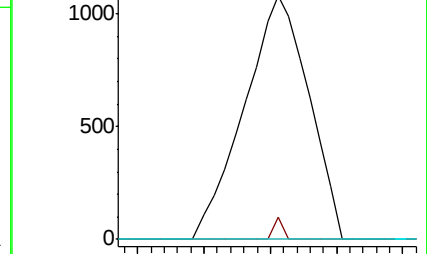
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018945.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV018945.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV018945.D (-230) (-)



#25

Chloroform

Concen: 1.166 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV018945.D

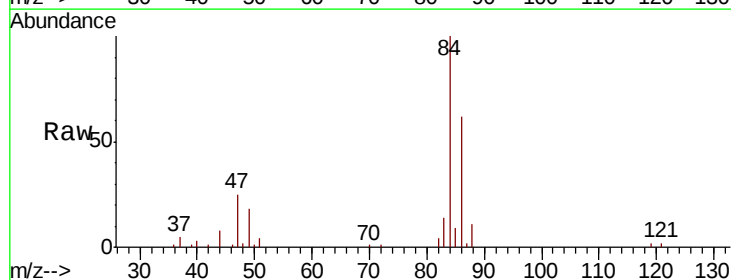
Acq: 16 Oct 2020 18:25

Tgt Ion: 83 Resp: 4874

Ion Ratio Lower Upper

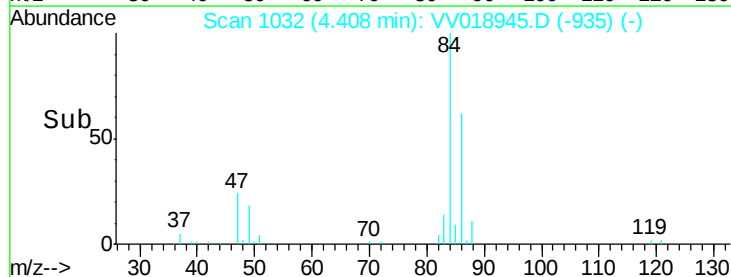
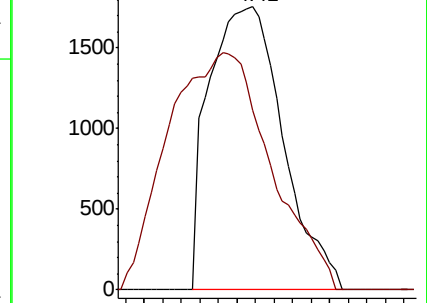
83 100

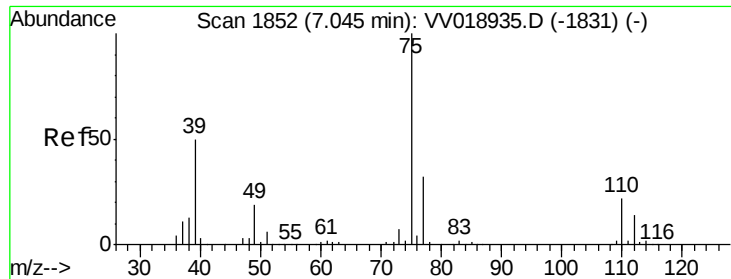
85 63.5 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV018945.D (-935) (-)

Ion 85.00 (84.70 to 85.70): VV018945.D (-935) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.060 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018945.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_V

ClientSampleId :

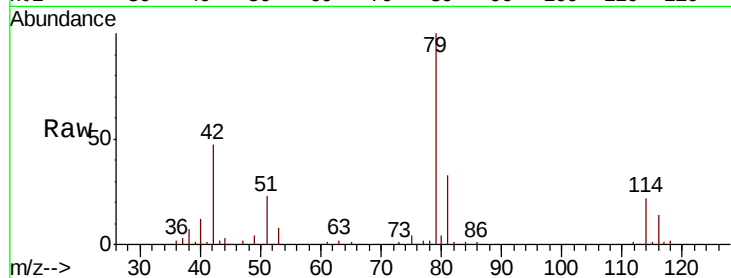
BG3Z5

Tot Ion: 75 Resp: 3819

Ion Ratio Lower Upper

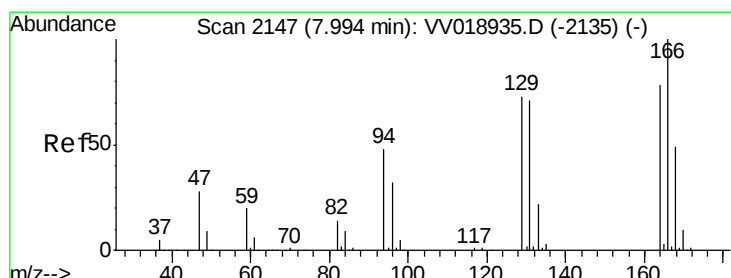
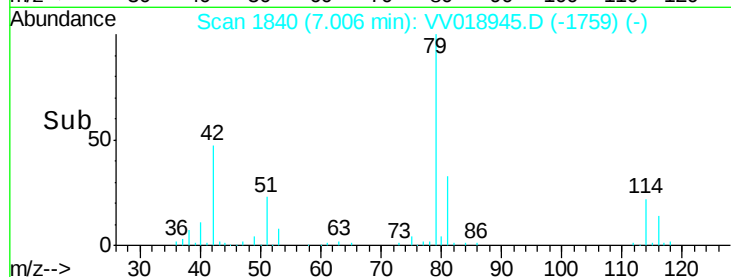
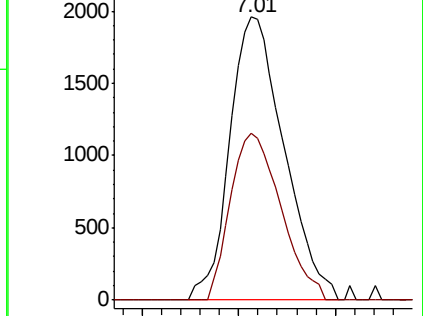
75 100

77 59.0 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV018935.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018935.D (-1831) (-)



#46

Tetrachloroethene

Concen: 1.034 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018945.D

Acq: 16 Oct 2020 18:25

Tgt Ion:164 Resp: 1883

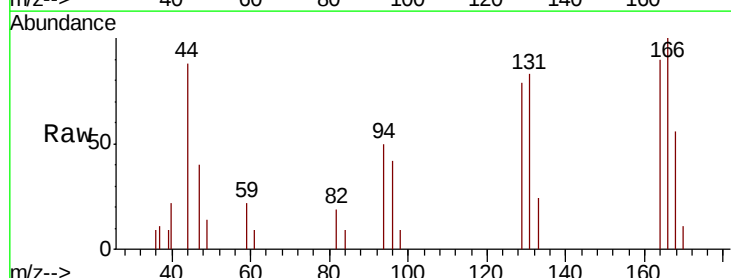
Ion Ratio Lower Upper

164 100

129 88.0 65.0 120.8

131 92.1 62.9 116.7

166 110.9 91.1 169.3

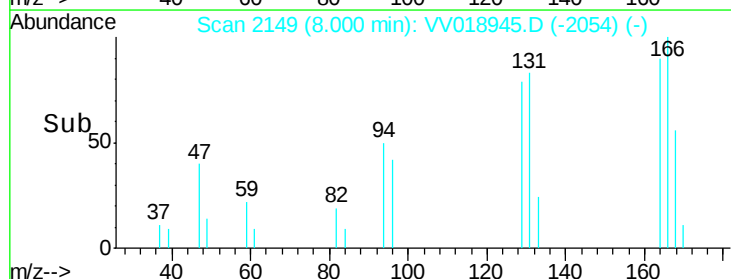
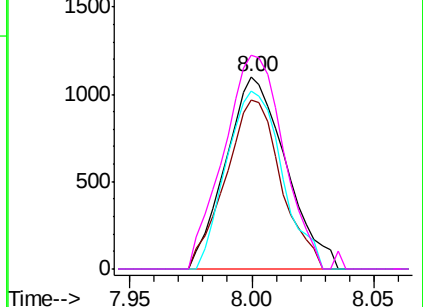


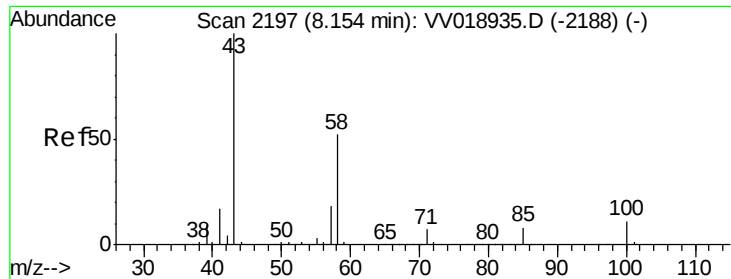
Abundance Ion 164.00 (163.70 to 164.70): VV018935.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV018935.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV018935.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV018935.D (-2135) (-)

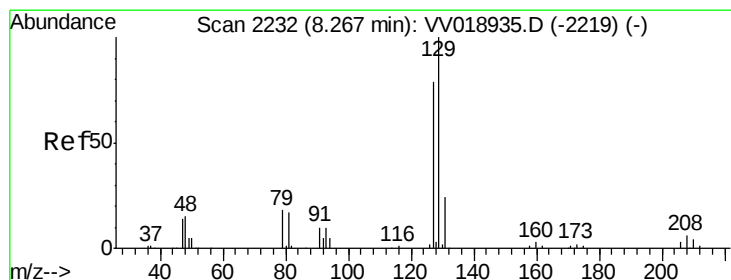
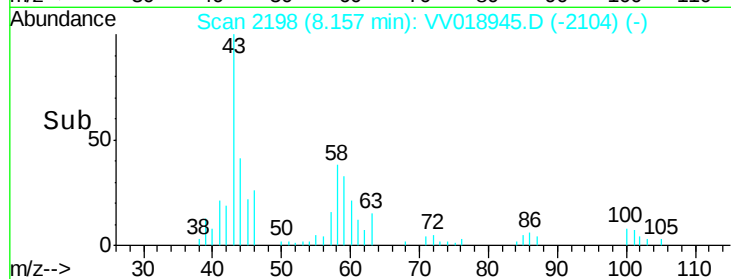
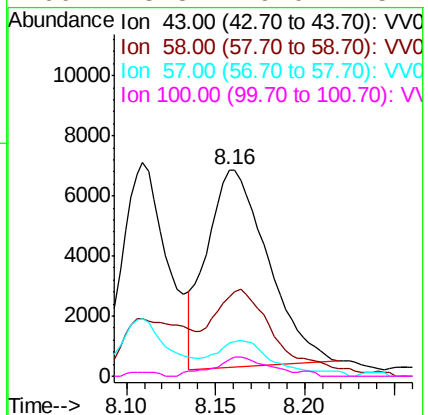
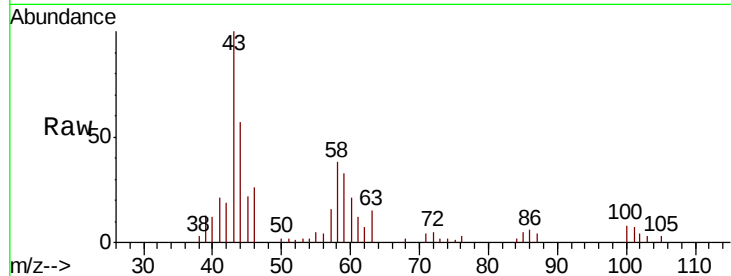




#48
2-Hexanone
Concen: 5.927 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV018945.D
Acq: 16 Oct 2020 18:25

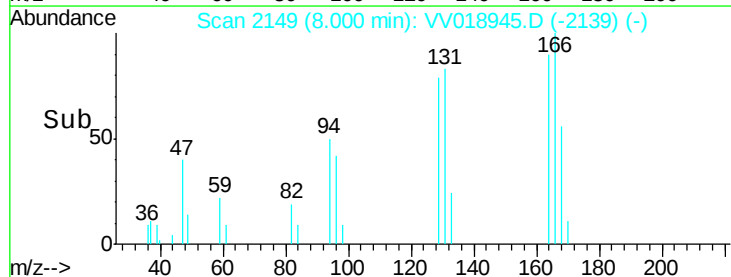
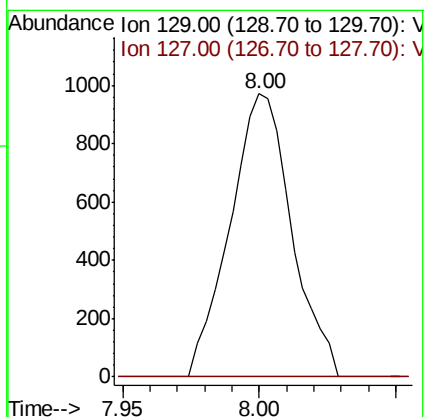
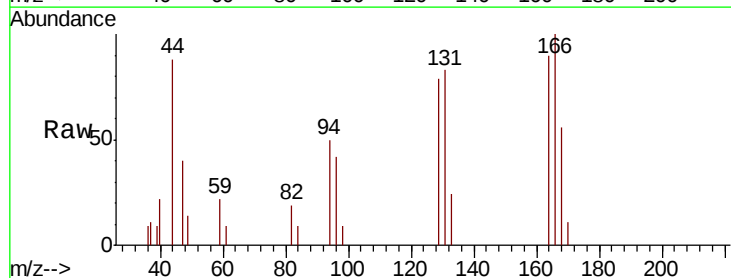
Instrument :
MSVOA_V
ClientSampleId :
BG3Z5

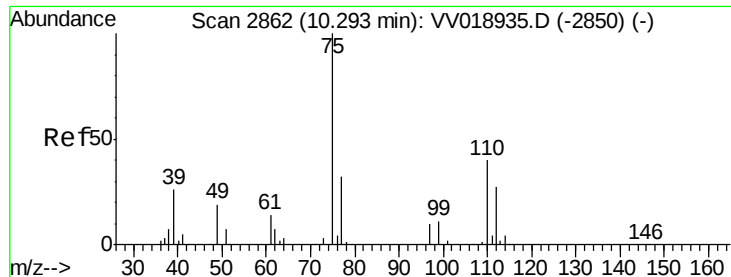
Tot Ion: 43 Resp: 15537
Ion Ratio Lower Upper
43 100
58 45.0 42.5 63.7
57 16.0 14.5 21.7
100 8.8 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.644 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV018945.D
Acq: 16 Oct 2020 18:25

Tgt Ion: 129 Resp: 1521
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.634 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018945.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_V

ClientSampleId :

BG3Z5

Tot Ion: 75 Resp: 16352

Ion Ratio Lower Upper

75 100

77 38.9 25.4 38.2#

