

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018956.D
 Acq On : 16 Oct 2020 22:46
 Operator : SY/MD
 Sample : L4426-13ME
 Misc : 5.24G/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y8ME

Quant Time: Oct 17 06:05:56 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	313589	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	308019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110740	42.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.80%
7) Chloroethane-d5	1.57	69	87992	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.04%
11) 1,1-Dichloroethene-d2	2.10	63	173626	35.63	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.92	46	131522	73.10	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.10%
24) Chloroform-d	4.37	84	199095	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.05	65	148888	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.07	84	402881	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.09	67	132223	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	359925	44.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.24%
43) trans-1,3-Dichloropropene-	7.64	79	61496	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
47) 2-Hexanone-d5	8.14	63	91087	85.29	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134254	39.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	139950	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

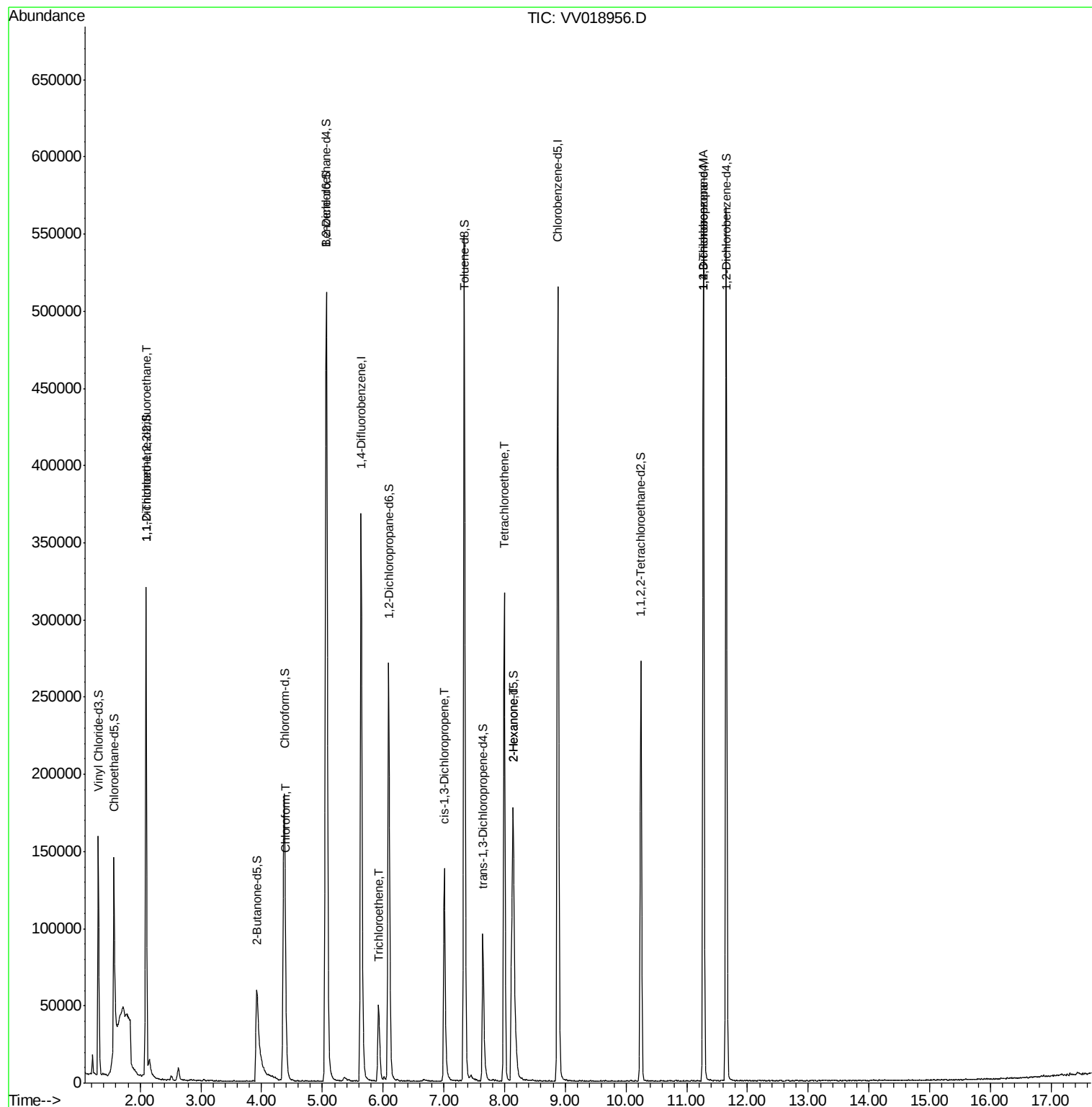
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1449	0.712 ug/L #	20
25) Chloroform	4.40	83	4440	0.992 ug/L	87
34) Trichloroethene	5.94	95	4891	1.796 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	4039	1.063 ug/L #	71
46) Tetrachloroethene	7.99	164	70298	36.634 ug/L	100
48) 2-Hexanone	8.14	43	12441	4.501 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	17050	5.573 ug/L #	86

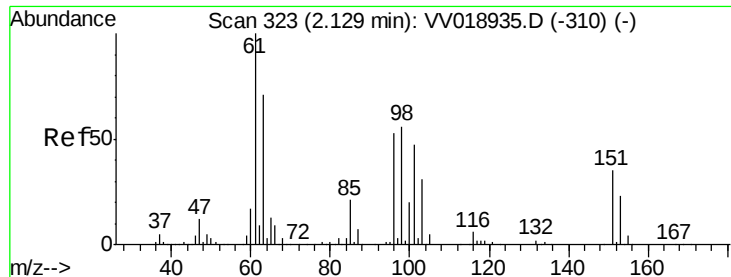
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 17 05:56:05 2020
Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

Lab File: VV018956.D

Acq: 16 Oct 2020 22:46

Instrument :

MSVOA_V

ClientSampleId :

BG3Y8ME

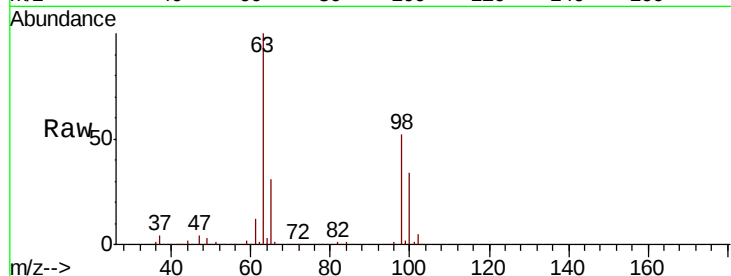
Tot Ion:101 Resp: 1449

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

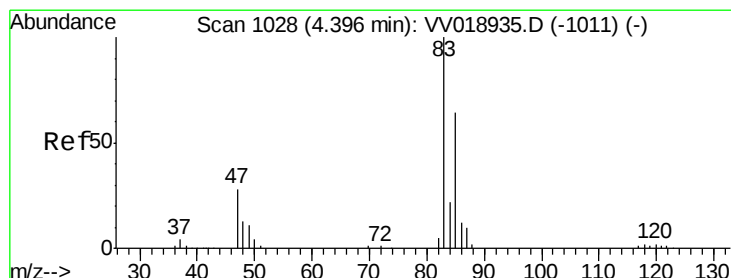
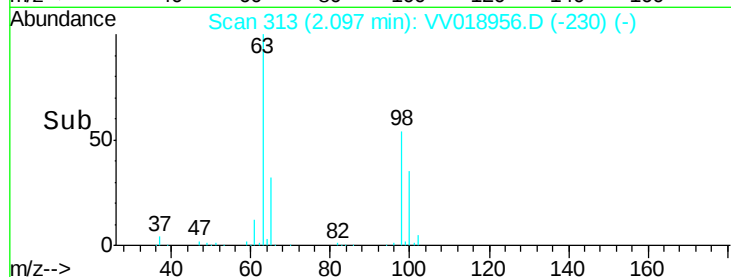
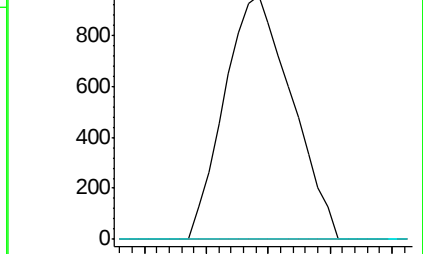
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018935.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018935.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018935.D (-310) (-)



#25

Chloroform

Concen: 0.992 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018956.D

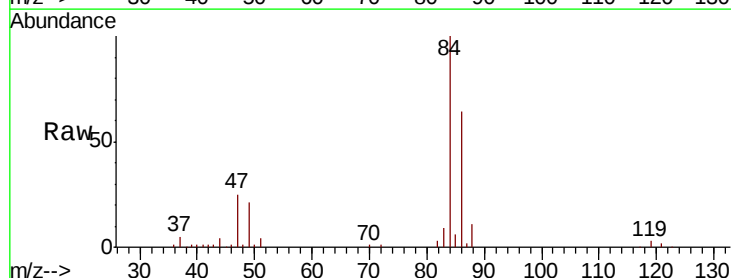
Acq: 16 Oct 2020 22:46

Tgt Ion: 83 Resp: 4440

Ion Ratio Lower Upper

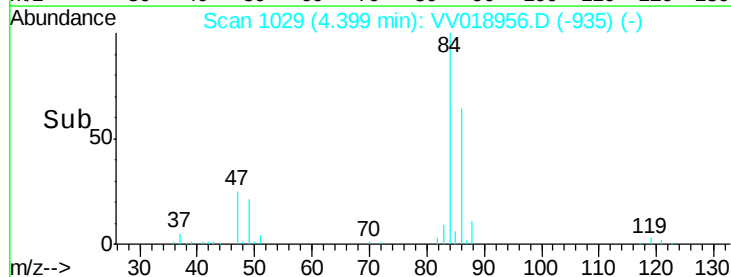
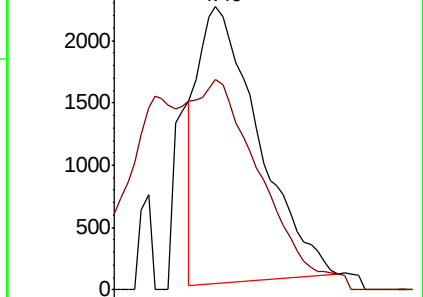
83 100

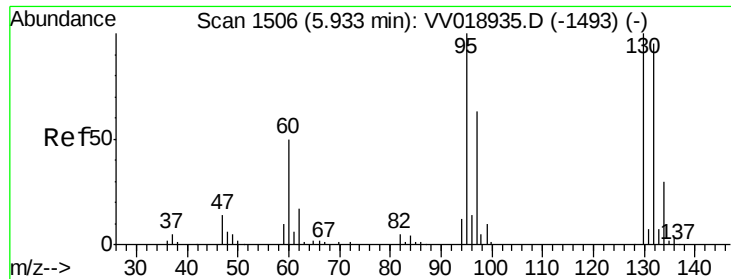
85 74.1 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV018935.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV018935.D (-1011) (-)





#34

Trichloroethene

Concen: 1.796 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018956.D

Acq: 16 Oct 2020 22:46

Instrument :

MSVOA_V

ClientSampleId :

BG3Y8ME

Tot Ion: 95 Resp: 4891

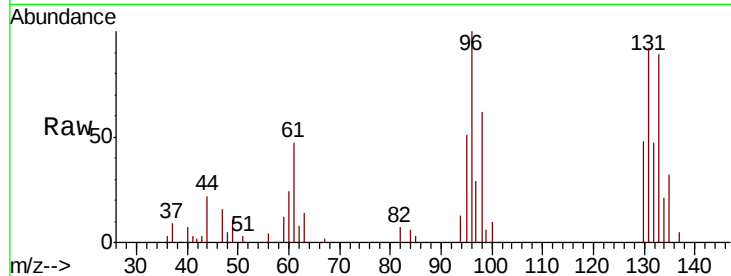
Ion Ratio Lower Upper

95 100

97 55.4 44.7 82.9

132 91.2 67.0 124.4

130 93.6 70.8 131.6

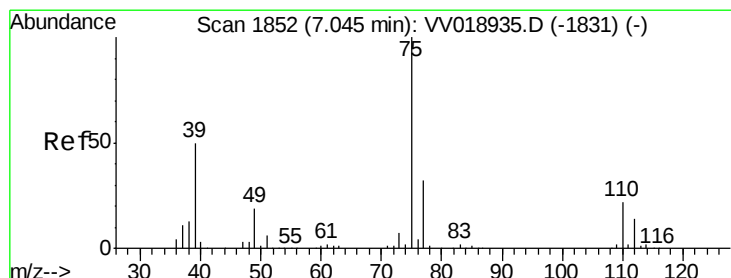
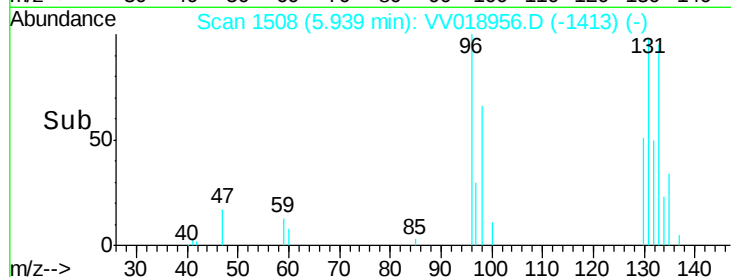
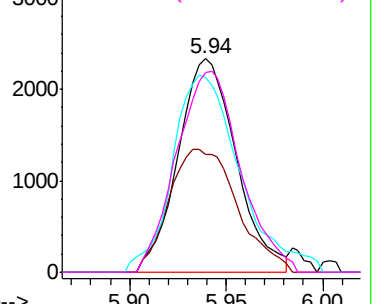


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.063 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018956.D

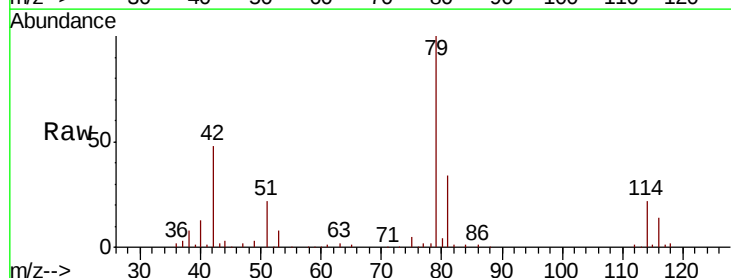
Acq: 16 Oct 2020 22:46

Tgt Ion: 75 Resp: 4039

Ion Ratio Lower Upper

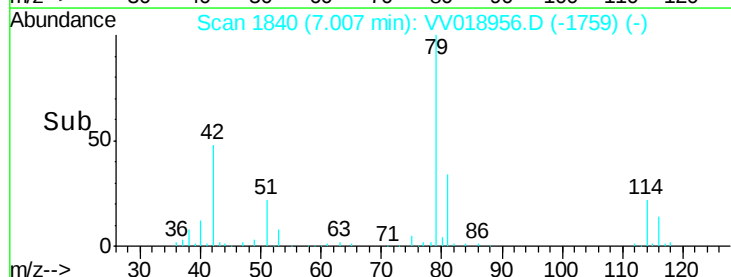
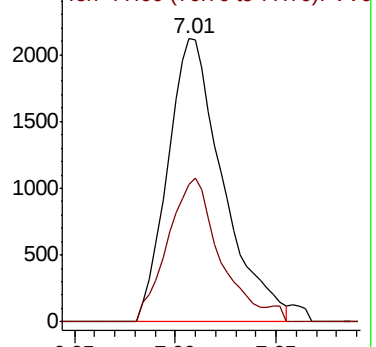
75 100

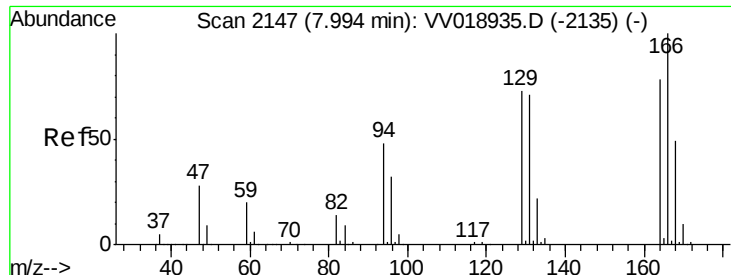
77 48.5 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

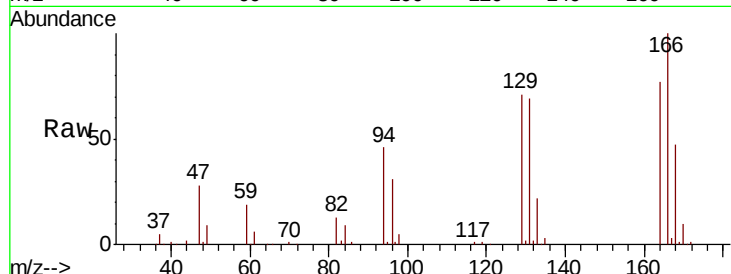




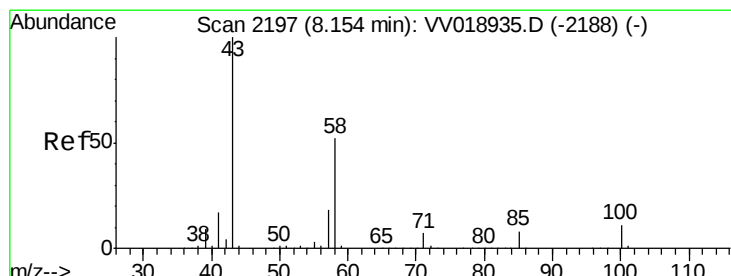
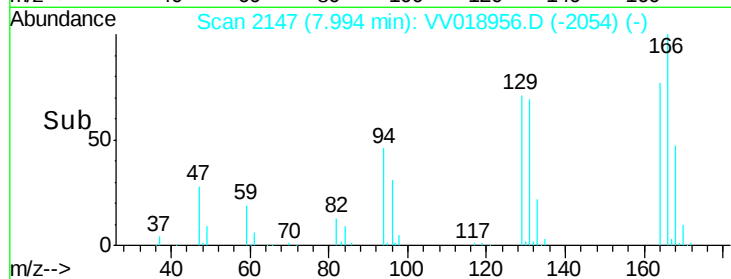
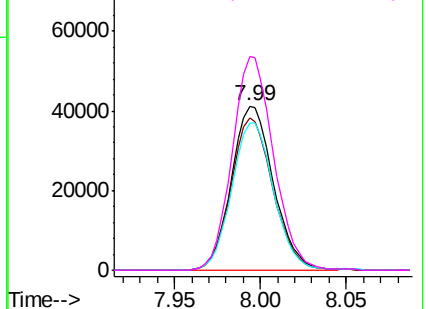
#46
Tetrachloroethene
Concen: 36.634 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV018956.D
Acq: 16 Oct 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
BG3Y8ME

Tot Ion:164	Resp:	70298
Ion Ratio	Lower	Upper
164 100		
129 93.0	65.0	120.8
131 90.0	62.9	116.7
166 130.3	91.1	169.3

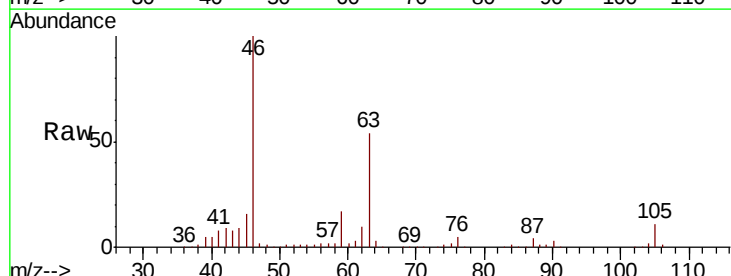


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

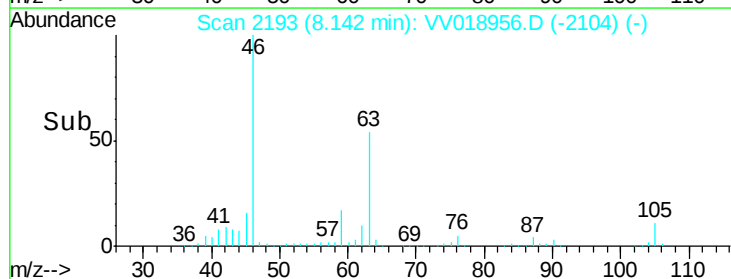
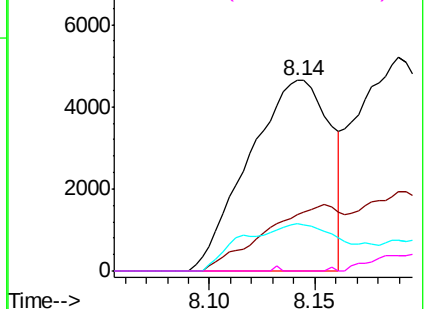


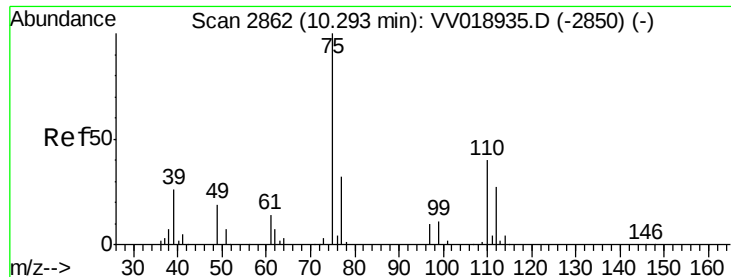
#48
2-Hexanone
Concen: 4.501 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VV018956.D
Acq: 16 Oct 2020 22:46

Tgt	Ion: 43	Resp:	12441
Ion	Ratio	Lower	Upper
43	100		
58	32.8	42.5	63.7#
57	7.6	14.5	21.7#
100	0.0	9.0	13.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.573 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018956.D

Acq: 16 Oct 2020 22:46

Instrument :

MSVOA_V

ClientSampleId :

BG3Y8ME

Tot Ion: 75 Resp: 17050

Ion Ratio Lower Upper

75 100

77 39.5 25.4 38.2#

