

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018944.D
 Acq On : 16 Oct 2020 18:01
 Operator : SY/MD
 Sample : L4426-03 200X
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z4

Quant Time: Oct 17 06:04:23 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	299778	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108376	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.58	69	93496	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.12	63	168770	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	3.90	46	172712	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.38	84	213977	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.06	65	150201	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
32) Benzene-d6	5.07	84	416717	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
36) 1,2-Dichloropropane-d6	6.09	67	135856	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.34	98	336371	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	58957	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.96%
47) 2-Hexanone-d5	8.11	63	89377	92.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134322	44.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	138762	52.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

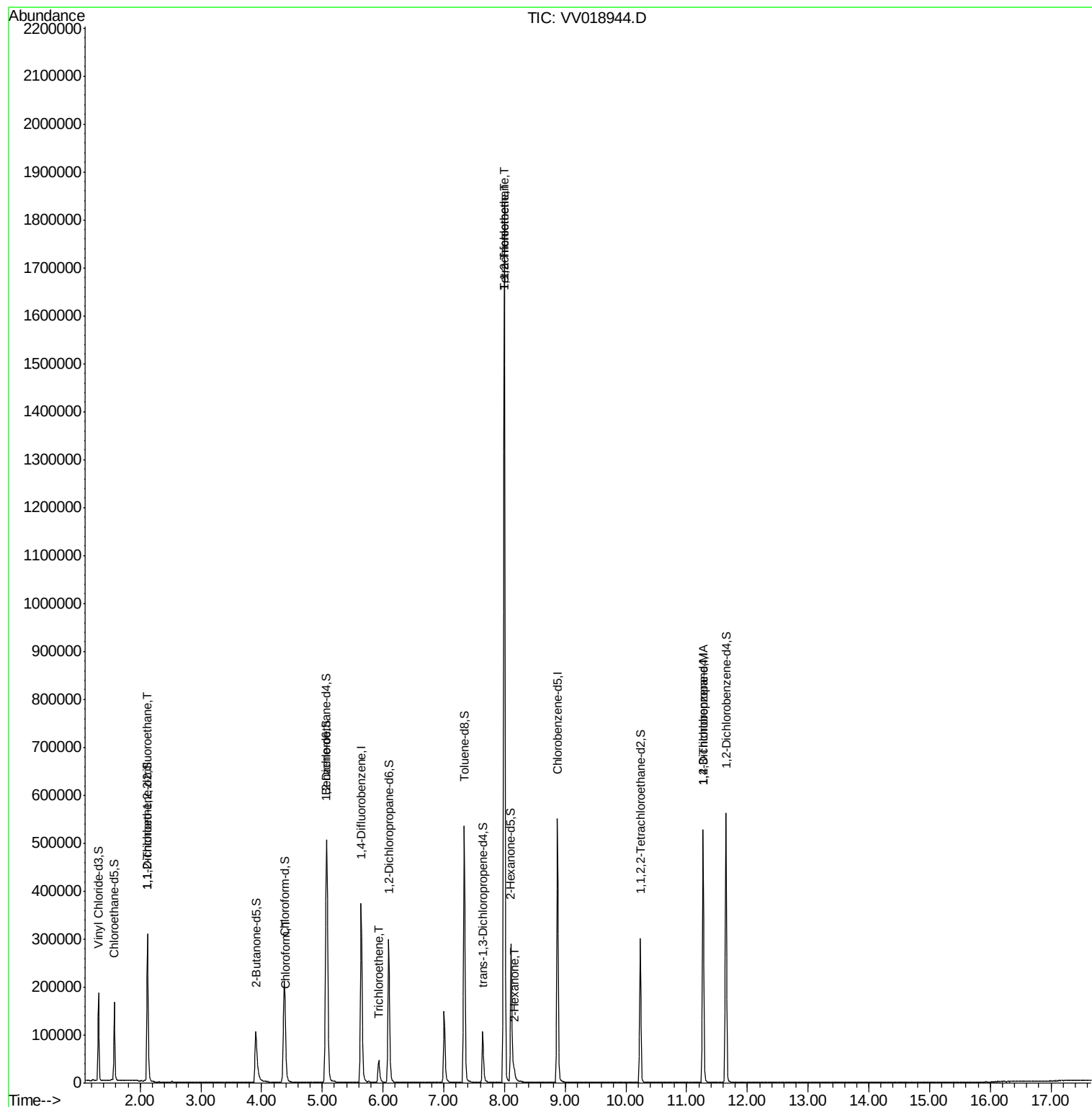
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1521	0.782 ug/L #	20
25) Chloroform	4.41	83	5397	1.261 ug/L	90
34) Trichloroethene	5.95	95	1793	0.730 ug/L	88
45) 1,1,2-Trichloroethane	7.99	97	3637	1.714 ug/L #	13
46) Tetrachloroethene	8.00	164	400936	231.489 ug/L	98
48) 2-Hexanone	8.16	43	15698	6.293 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	16465	5.962 ug/L	94

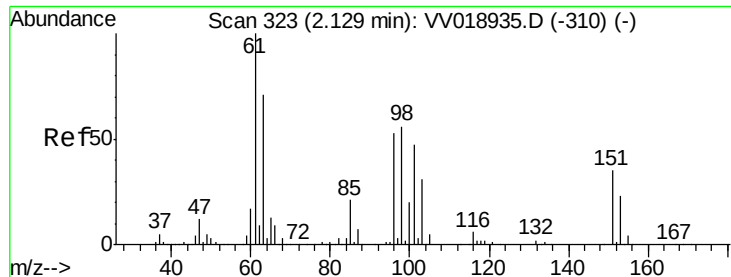
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101620\
Data File : VV018944.D
Acq On : 16 Oct 2020 18:01
Operator : SY/MD
Sample : L4426-03 200X
Misc : 5.0ml/MSV0A V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Z4

Quant Time: Oct 17 06:04:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
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: 0.782 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Instrument :

MSVOA_V

ClientSampled :

BG3Z4

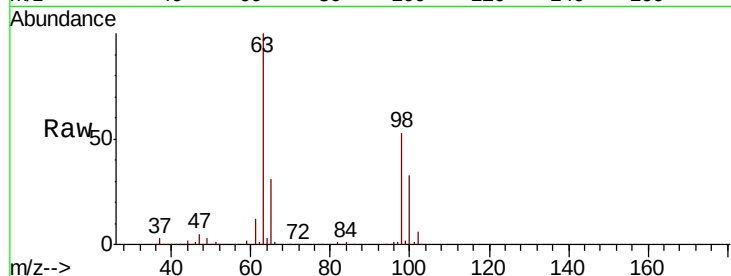
Tot Ion:101 Resp: 1521

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

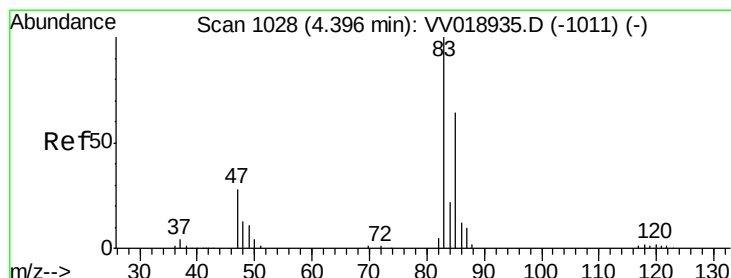
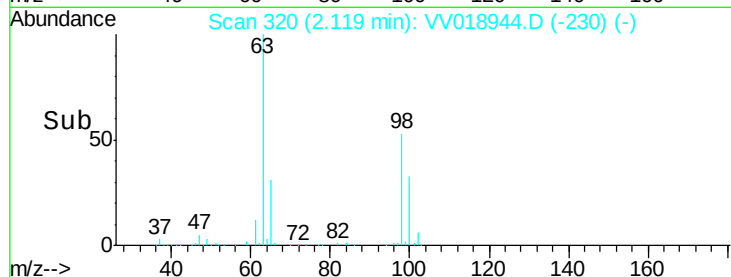
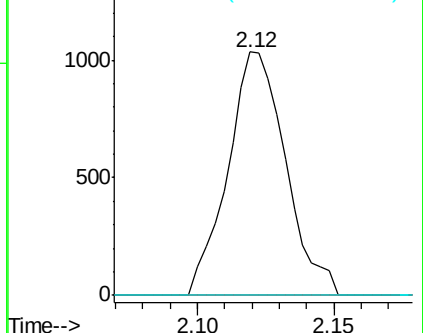
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.261 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018944.D

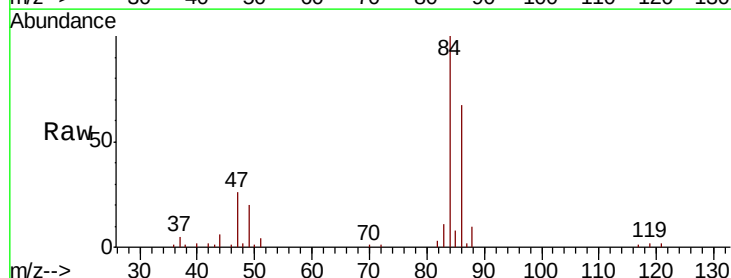
Acq: 16 Oct 2020 18:01

Tgt Ion: 83 Resp: 5397

Ion Ratio Lower Upper

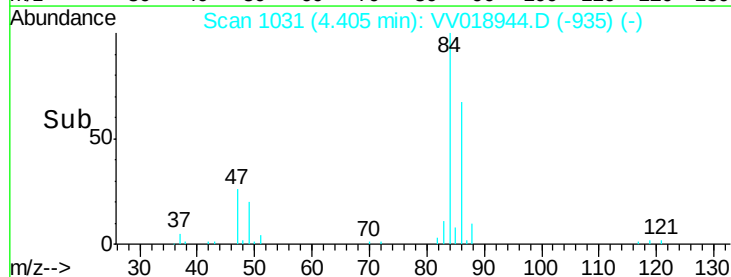
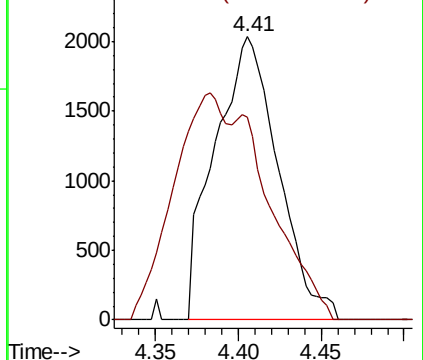
83 100

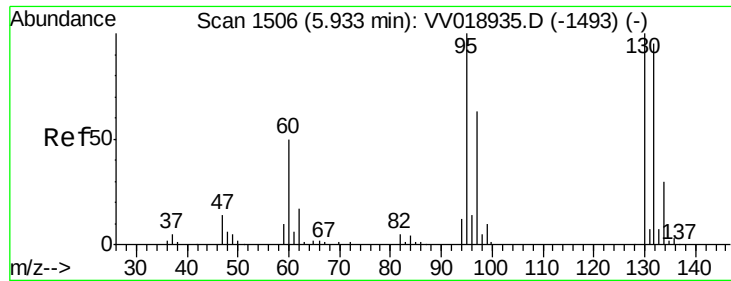
85 71.7 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.730 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Instrument :

MSVOA_V

ClientSampleId :

BG3Z4

Tot Ion: 95 Resp: 1793

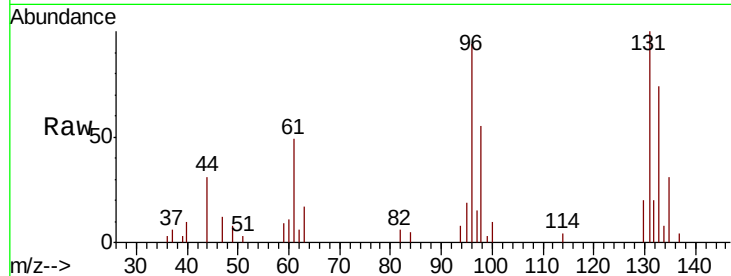
Ion Ratio Lower Upper

95 100

97 80.8 44.7 82.9

132 108.3 67.0 124.4

130 106.7 70.8 131.6



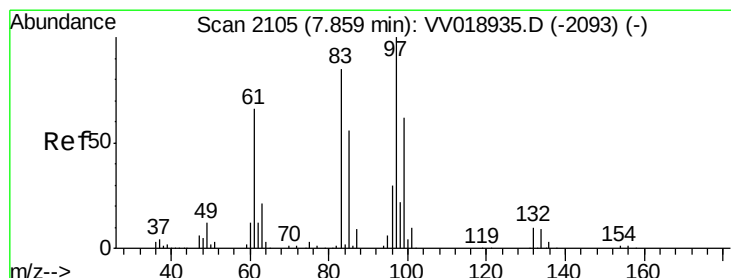
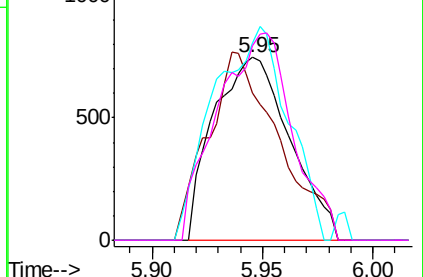
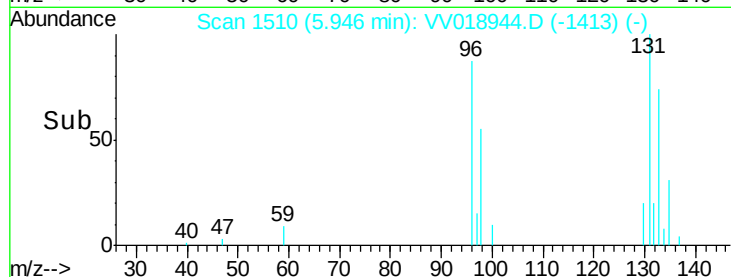
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#45

1,1,2-Trichloroethane

Concen: 1.714 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Tgt Ion: 97 Resp: 3637

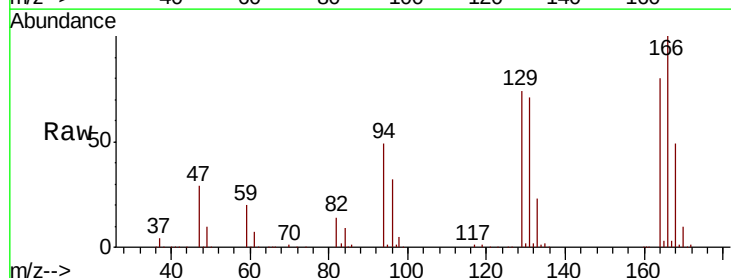
Ion Ratio Lower Upper

97 100

99 16.1 43.8 81.4#

83 225.9 61.0 113.4#

85 43.0 38.9 72.2



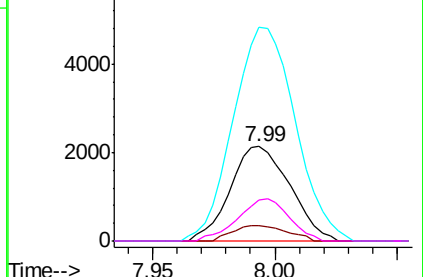
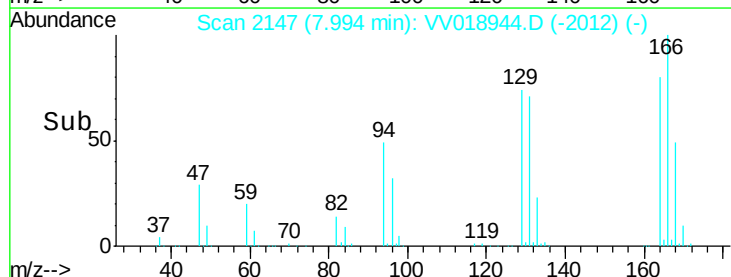
Abundance Ion 97.00 (96.70 to 97.70): VV0

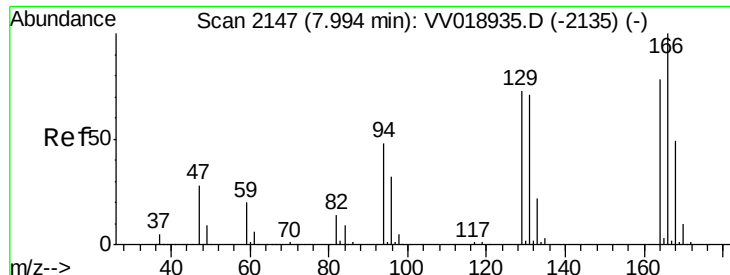
Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Time-->





#46

Tetrachloroethene

Concen: 231.489 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Instrument :

MSVOA_V

ClientSampleId :

BG3Z4

Tot Ion:164 Resp: 400936

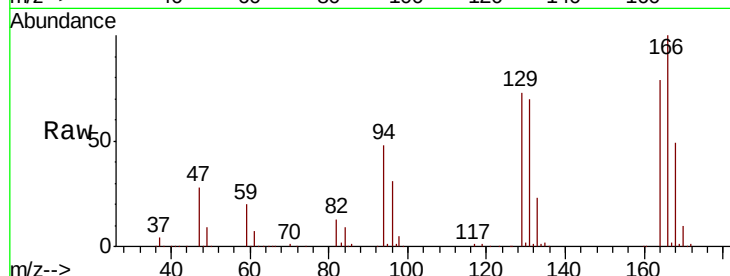
Ion Ratio Lower Upper

164 100

129 92.4 65.0 120.8

131 89.0 62.9 116.7

166 126.7 91.1 169.3

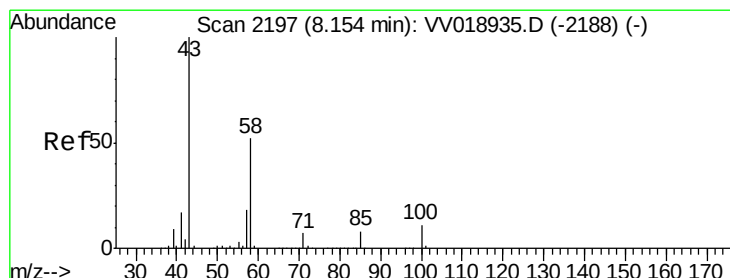
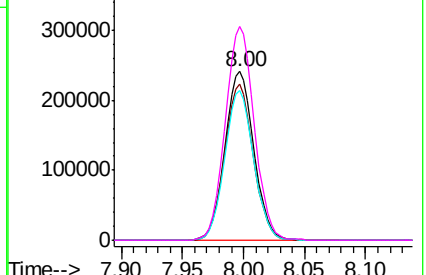
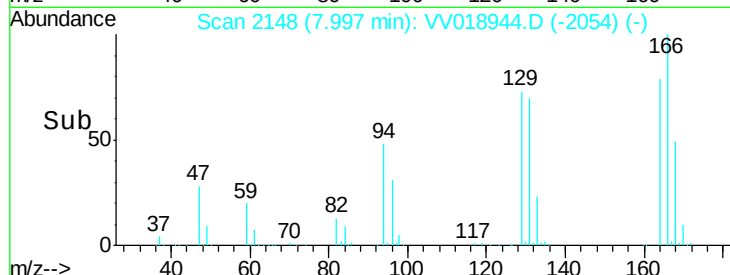


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.293 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Tgt Ion: 43 Resp: 15698

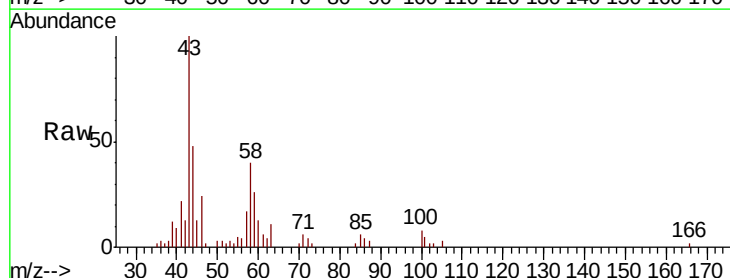
Ion Ratio Lower Upper

43 100

58 34.2 42.5 63.7#

57 12.6 14.5 21.7#

100 6.5 9.0 13.4#

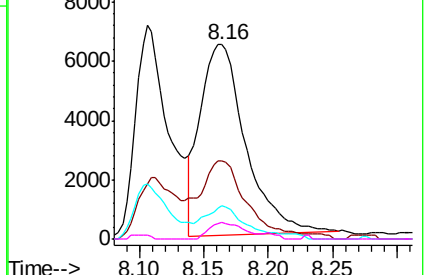
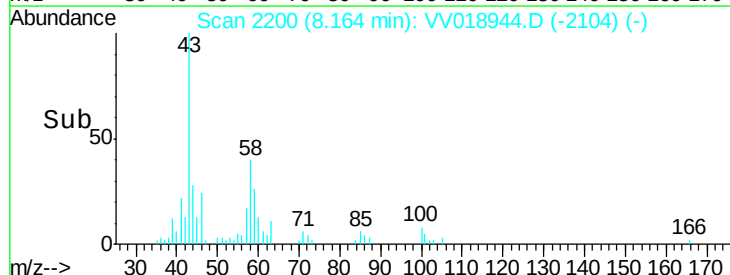


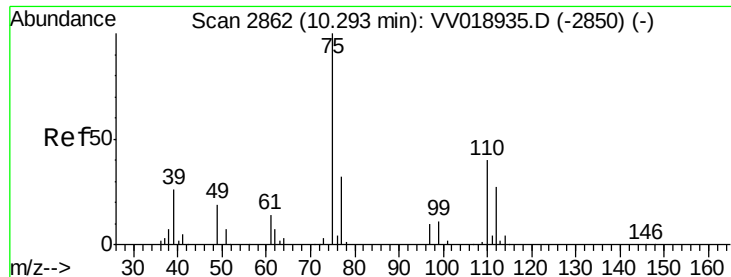
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.962 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018944.D

Acq: 16 Oct 2020 18:01

Instrument :

MSVOA_V

ClientSampleId :

BG3Z4

Tot Ion: 75 Resp: 16465

Ion Ratio Lower Upper

75 100

77 35.1 25.4 38.2

