

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018943.D
 Acq On : 16 Oct 2020 17:37
 Operator : SY/MD
 Sample : L4382-15DL1000X
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z3DL

Quant Time: Oct 17 06:04:15 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	325811	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112836	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.14%
7) Chloroethane-d5	1.58	69	97185	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.48%
11) 1,1-Dichloroethene-d2	2.12	63	180147	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
21) 2-Butanone-d5	3.91	46	172383	92.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.21%
24) Chloroform-d	4.38	84	221658	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	153691	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.07	84	435932	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.09	67	143652	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.34	98	374960	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.64	79	64249	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.12%
47) 2-Hexanone-d5	8.11	63	88277	85.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.09%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	134632	41.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	143218	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

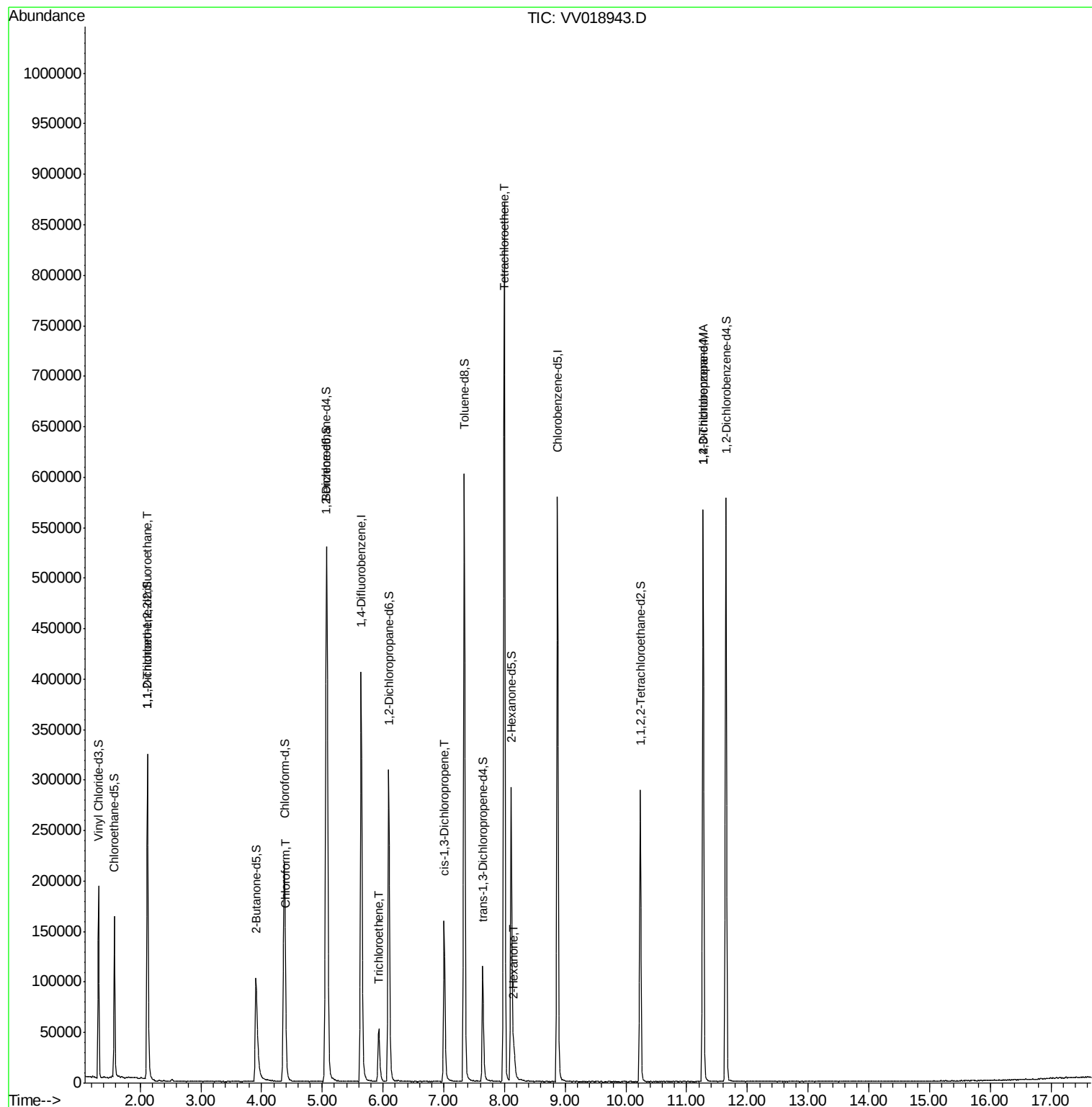
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1712	0.810 ug/L #	20
25) Chloroform	4.40	83	5444	1.170 ug/L	90
34) Trichloroethene	5.94	95	4170	1.577 ug/L	90
39) cis-1,3-Dichloropropene	7.01	75	4041	1.095 ug/L #	75
46) Tetrachloroethene	8.00	164	191304	102.625 ug/L	98
48) 2-Hexanone	8.16	43	14864	5.536 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	17421	5.861 ug/L	94

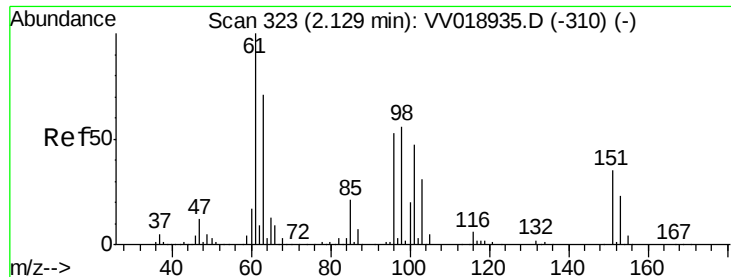
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.810 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018943.D

Acq: 16 Oct 2020 17:37

Instrument :

MSVOA_V

ClientSampleId :

BG3Z3DL

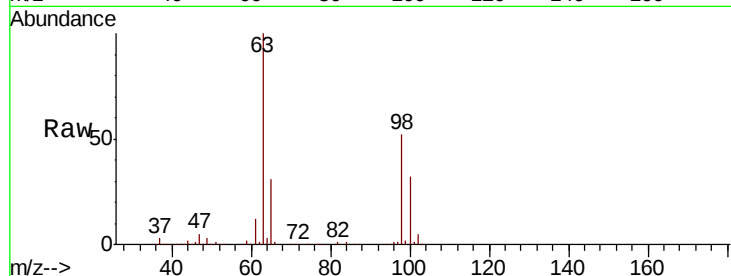
Tot Ion:101 Resp: 1712

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

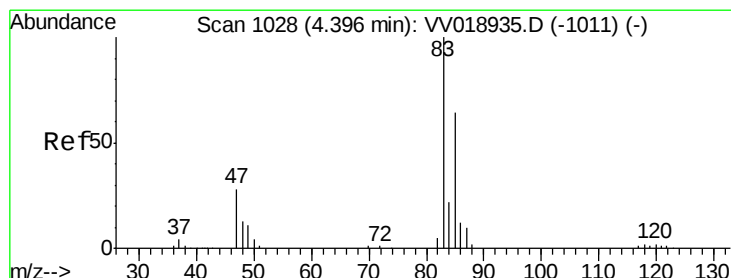
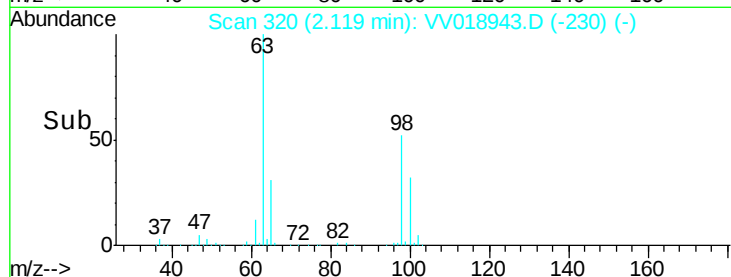
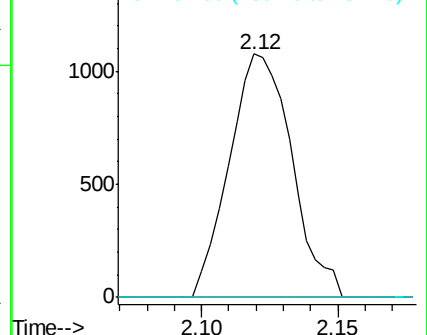
151 0.0 59.7 89.5#



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: 1.170 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV018943.D

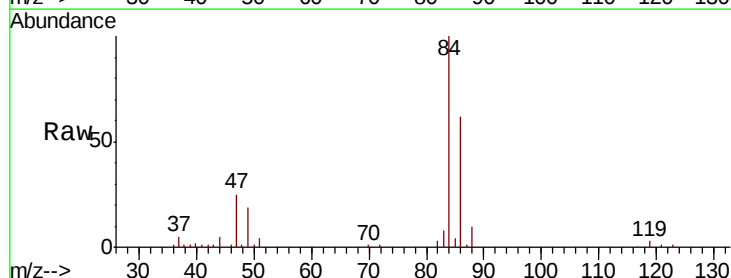
Acq: 16 Oct 2020 17:37

Tgt Ion: 83 Resp: 5444

Ion Ratio Lower Upper

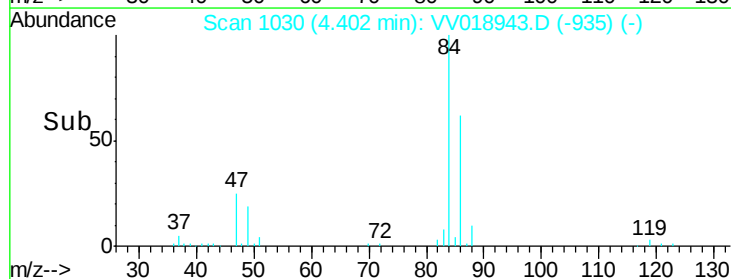
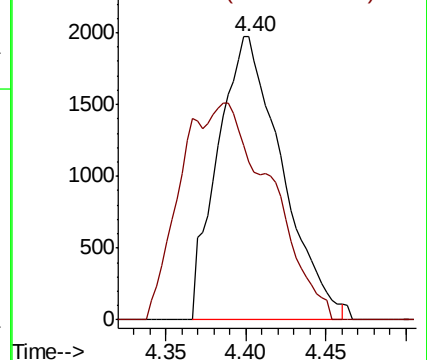
83 100

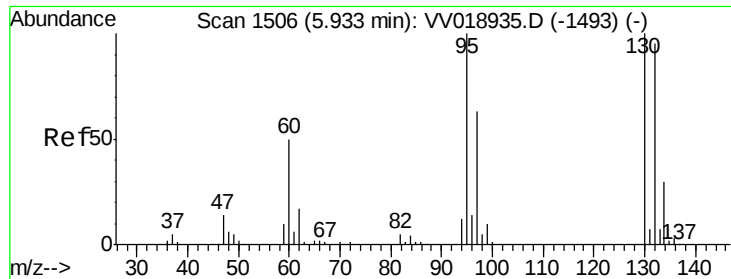
85 55.7 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

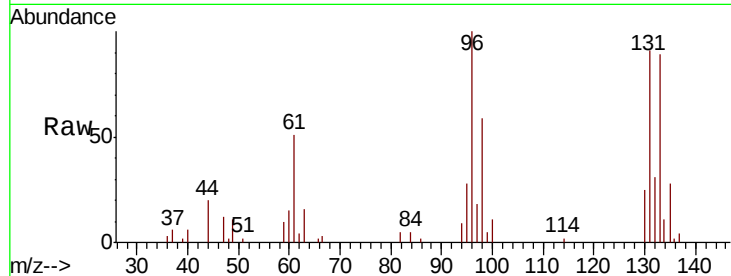




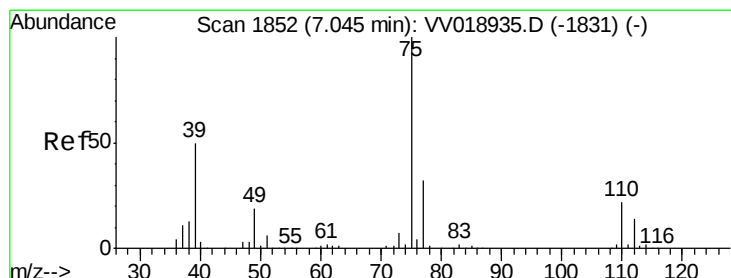
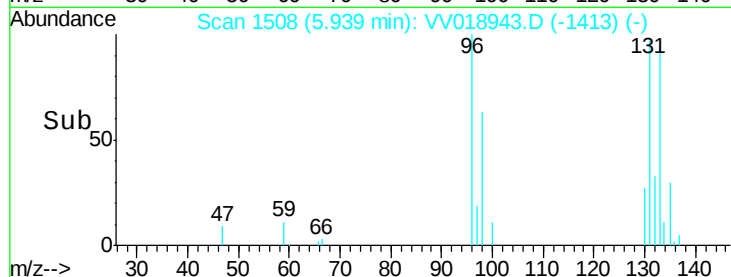
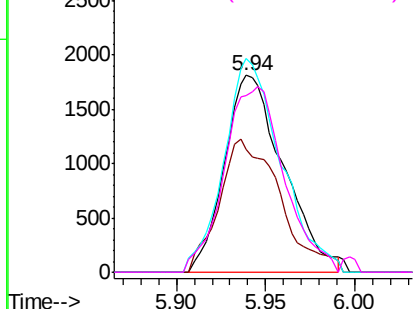
#34
 Trichloroethene
 Concen: 1.577 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018943.D
 Acq: 16 Oct 2020 17:37

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z3DL

Tot Ion: 95 Resp: 4170
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.7 82.9
 132 108.4 67.0 124.4
 130 89.9 70.8 131.6

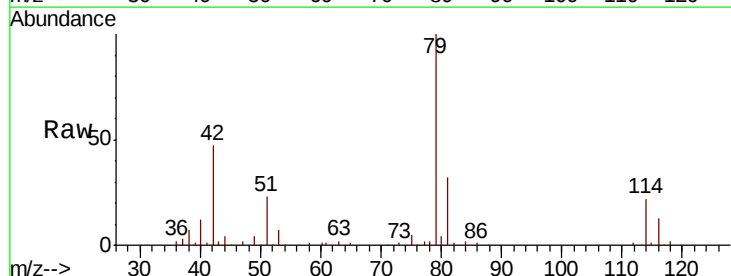


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

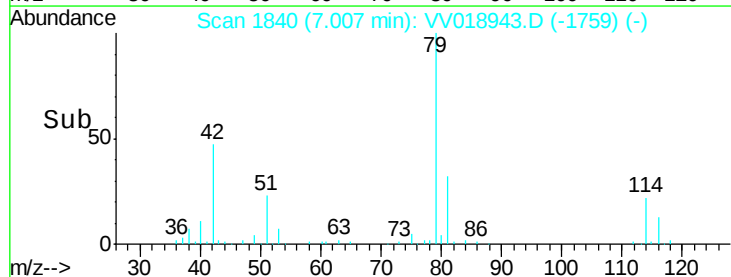
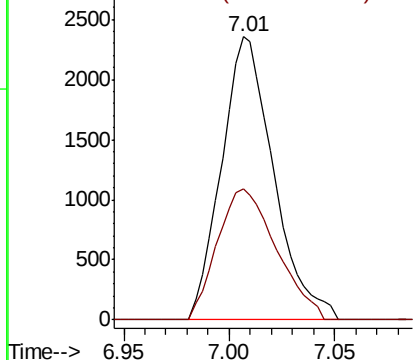


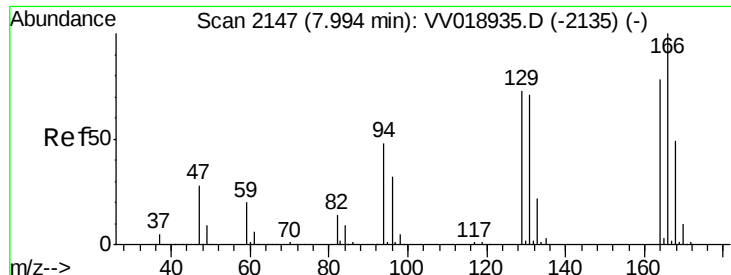
#39
 cis-1,3-Dichloropropene
 Concen: 1.095 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018943.D
 Acq: 16 Oct 2020 17:37

Tgt Ion: 75 Resp: 4041
 Ion Ratio Lower Upper
 75 100
 77 46.4 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: 102.625 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018943.D

Acq: 16 Oct 2020 17:37

Instrument :

MSVOA_V

ClientSampleId :

BG3Z3DL

Tot Ion:164 Resp: 191304

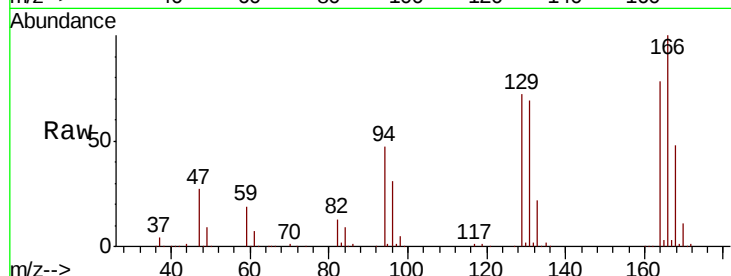
Ion Ratio Lower Upper

164 100

129 91.9 65.0 120.8

131 87.7 62.9 116.7

166 127.9 91.1 169.3

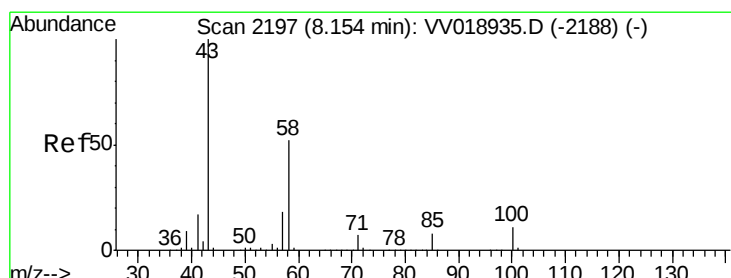
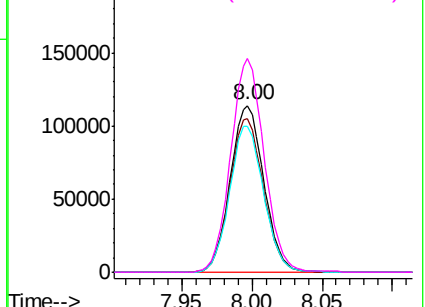
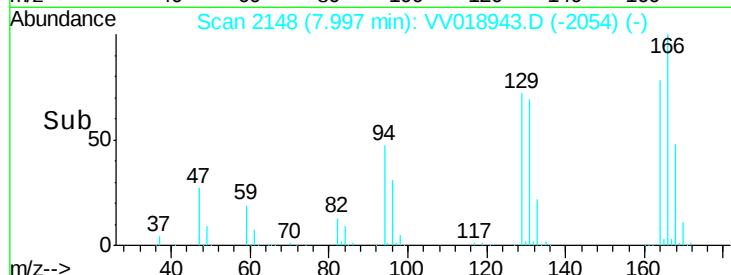


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.536 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018943.D

Acq: 16 Oct 2020 17:37

Tgt Ion: 43 Resp: 14864

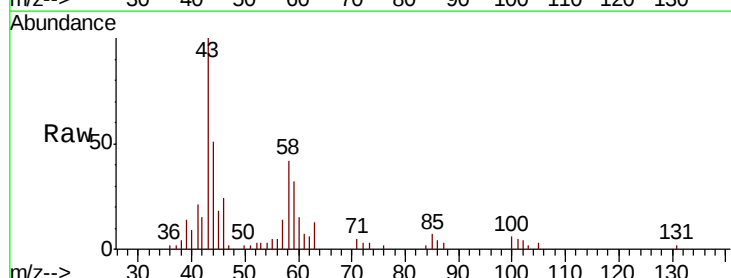
Ion Ratio Lower Upper

43 100

58 47.7 42.5 63.7

57 0.0 14.5 21.7#

100 7.7 9.0 13.4#

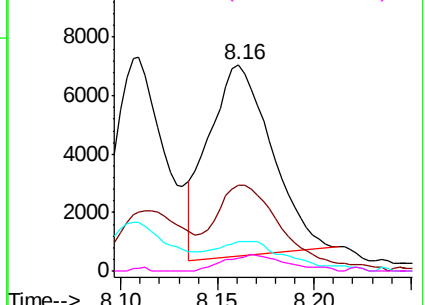
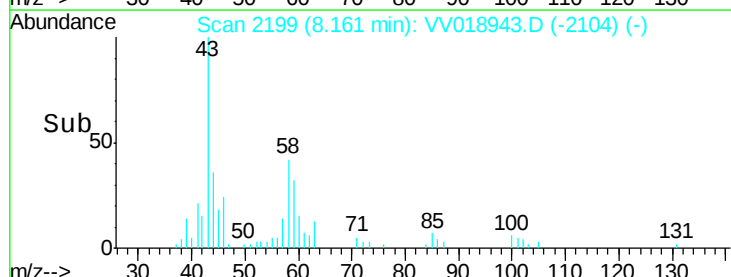


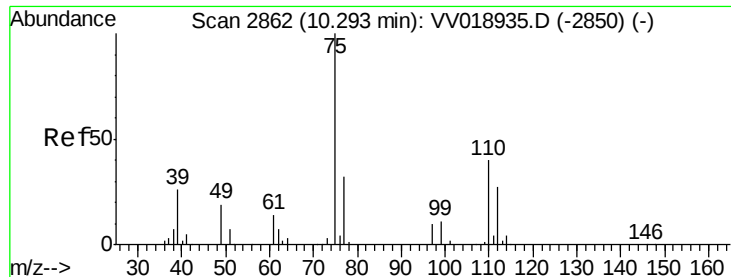
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.861 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018943.D

Acq: 16 Oct 2020 17:37

Instrument :

MSVOA_V

ClientSampleId :

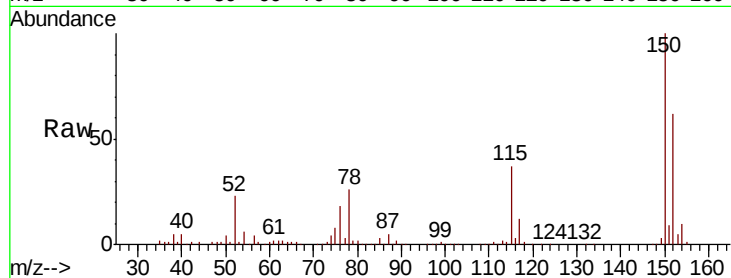
BG3Z3DL

Tot Ion: 75 Resp: 17421

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

