

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018947.D
 Acq On : 16 Oct 2020 19:13
 Operator : SY/MD
 Sample : L4382-12MEDL 200X
 Misc : 5.79G/10 mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0MEDL

Quant Time: Oct 17 06:04:45 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	310576	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107681	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.58	69	90496	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.12	63	168339	34.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.76%
21) 2-Butanone-d5	3.90	46	172610	96.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	4.38	84	210107	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.06	65	150074	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.07	84	413888	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.09	67	139351	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.34	98	361923	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.64	79	63631	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.11	63	93022	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	141685	41.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	144443	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%

Target Compounds

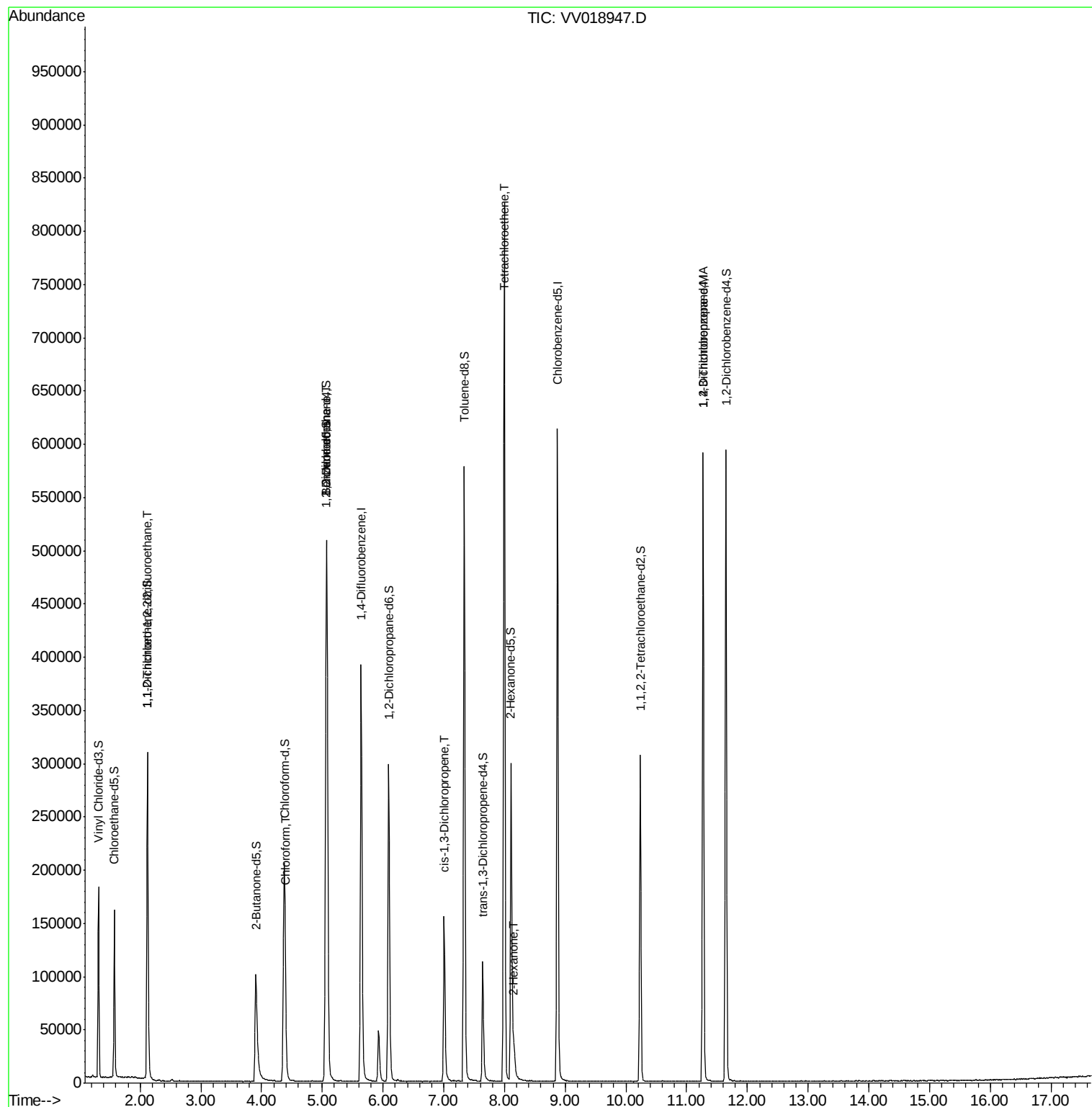
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1381	0.685 ug/L #	21
25) Chloroform	4.40	83	5635	1.271 ug/L	85
27) 1,2-Dichloroethane	5.07	62	2784	0.769 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4190	1.078 ug/L #	69
46) Tetrachloroethene	8.00	164	176946	90.080 ug/L	99
48) 2-Hexanone	8.16	43	18634	6.586 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	17686	5.647 ug/L #	88

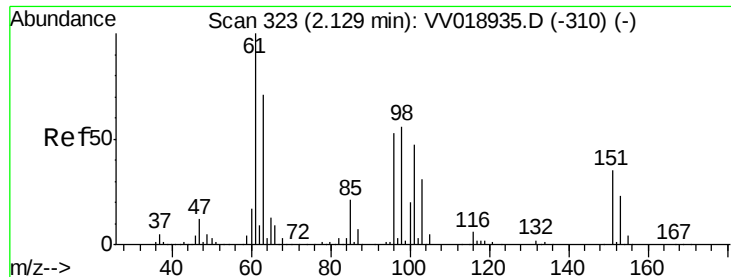
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.685 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018947.D

Acq: 16 Oct 2020 19:13

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0MEDL

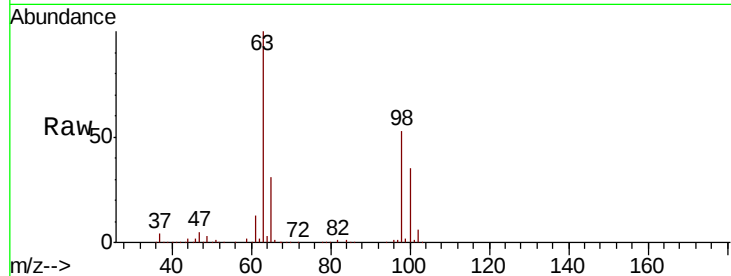
Tot Ion:101 Resp: 1381

Ion Ratio Lower Upper

101 100

85 3.0 35.0 52.4#

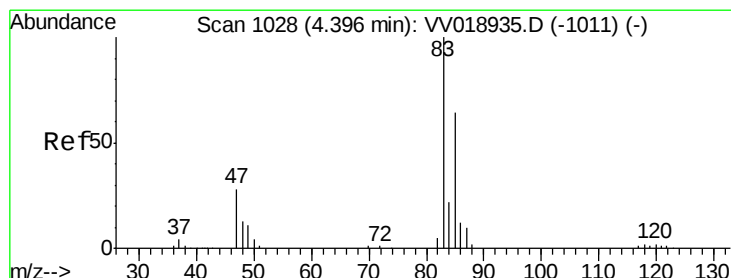
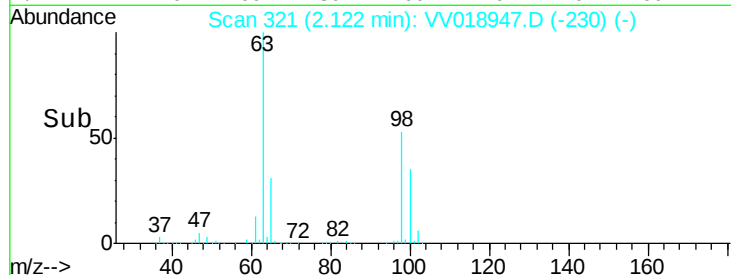
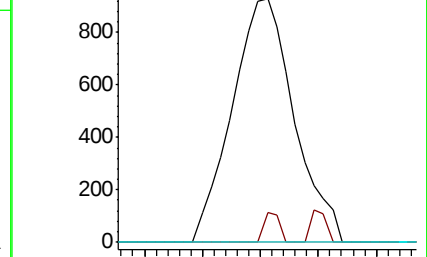
151 0.0 59.7 89.5#



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: 1.271 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018947.D

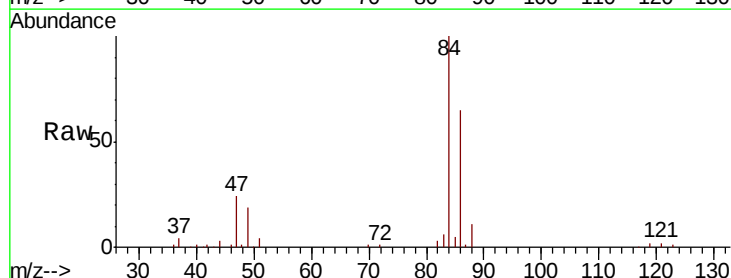
Acq: 16 Oct 2020 19:13

Tgt Ion: 83 Resp: 5635

Ion Ratio Lower Upper

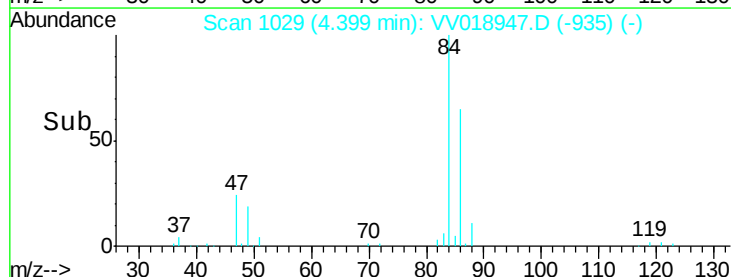
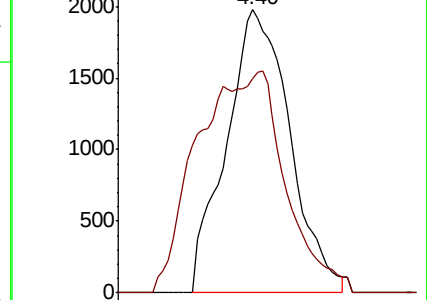
83 100

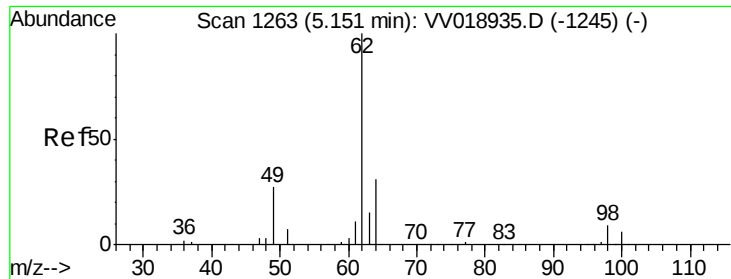
85 75.5 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

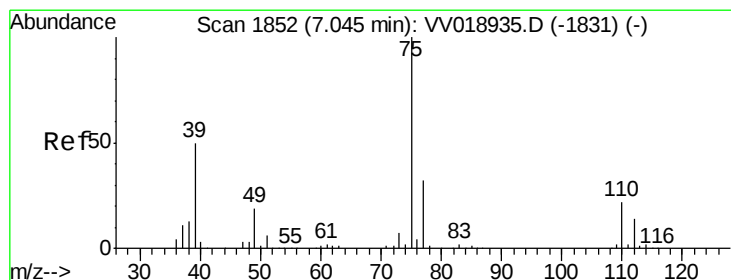
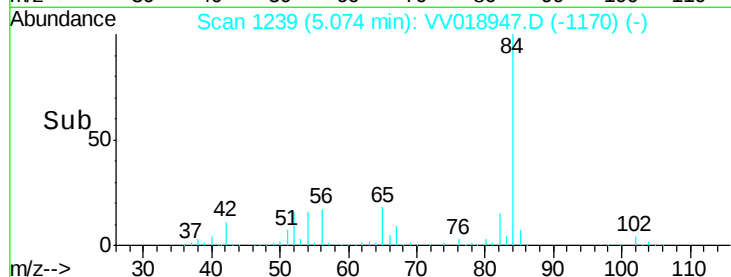
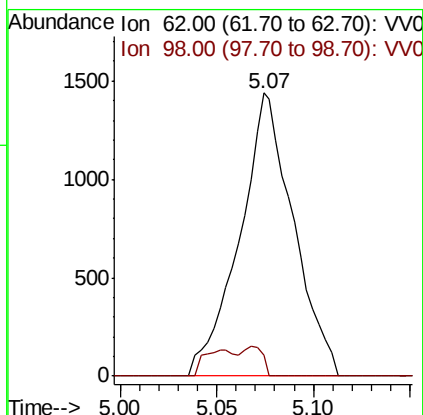
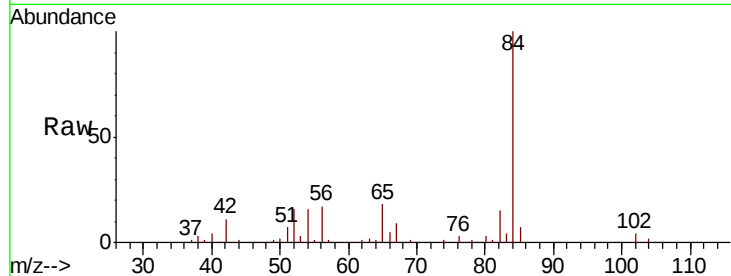




#27
 1,2-Dichloroethane
 Concen: 0.769 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018947.D
 Acq: 16 Oct 2020 19:13

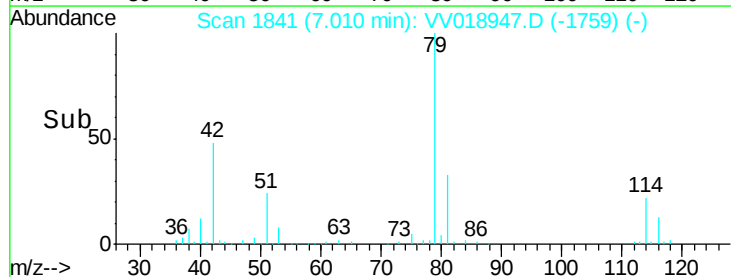
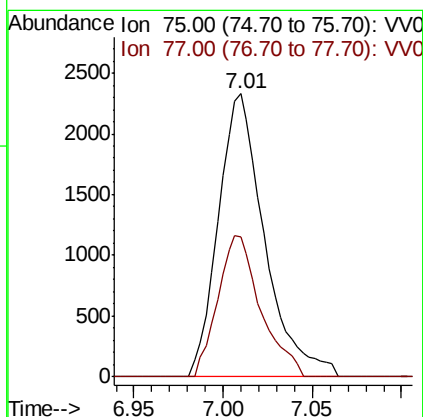
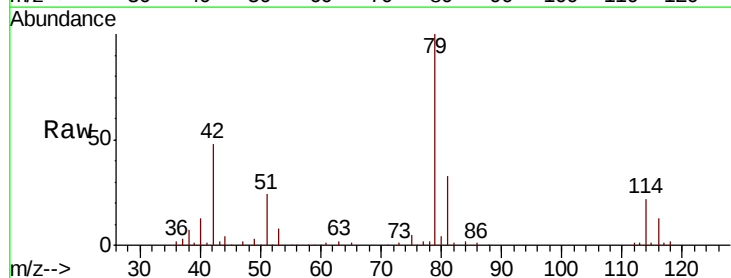
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0MEDL

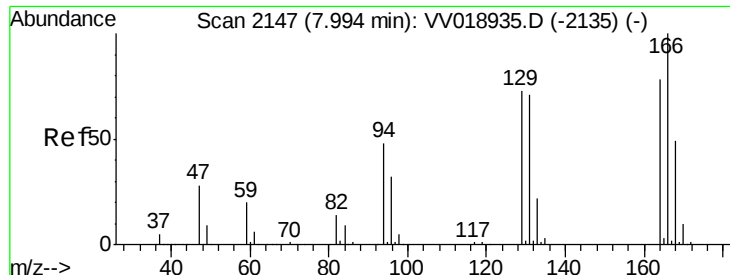
Tot Ion: 62.00 Resp: 2784
 Ion Ratio Lower Upper
 62 100
 98 7.4 7.0 10.6



#39
 cis-1,3-Dichloropropene
 Concen: 1.078 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018947.D
 Acq: 16 Oct 2020 19:13

Tgt Ion: 75 Resp: 4190
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.5 41.9#





#46

Tetrachloroethene

Concen: 90.080 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018947.D

Acq: 16 Oct 2020 19:13

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0MEDL

Tot Ion:164 Resp: 176946

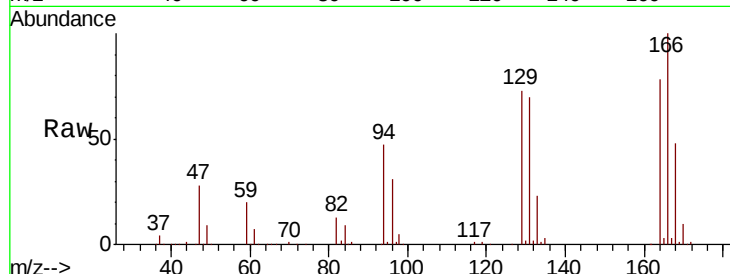
Ion Ratio Lower Upper

164 100

129 93.8 65.0 120.8

131 90.6 62.9 116.7

166 128.9 91.1 169.3

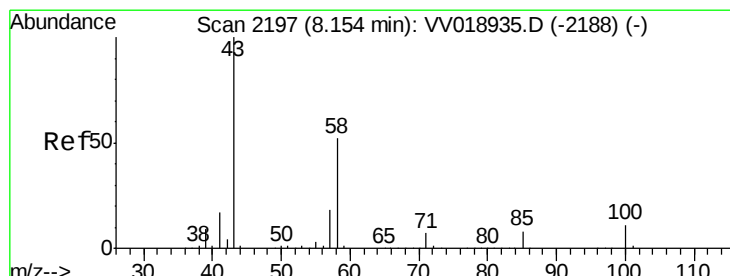
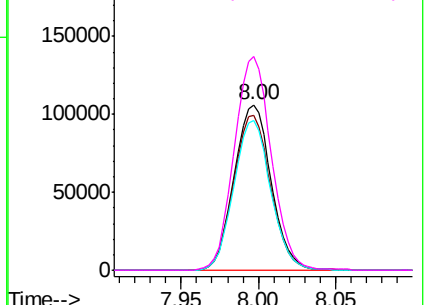
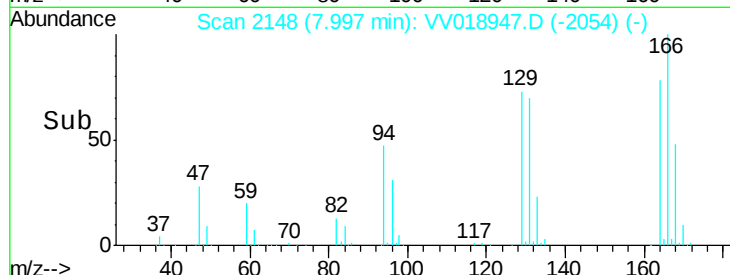


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.586 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018947.D

Acq: 16 Oct 2020 19:13

Tgt Ion: 43 Resp: 18634

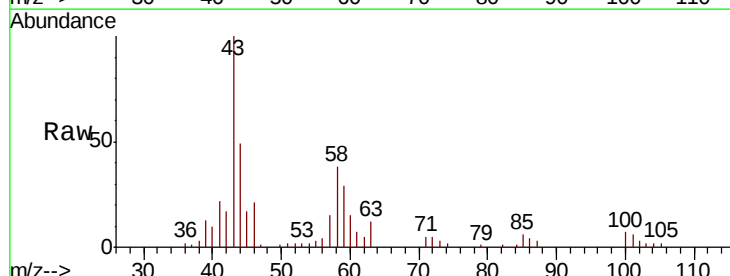
Ion Ratio Lower Upper

43 100

58 32.7 42.5 63.7#

57 11.7 14.5 21.7#

100 7.1 9.0 13.4#

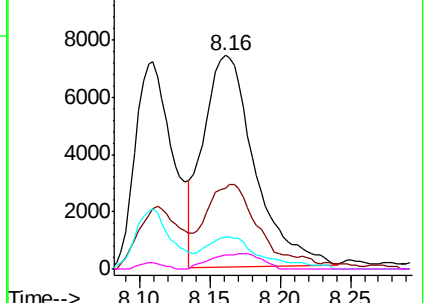
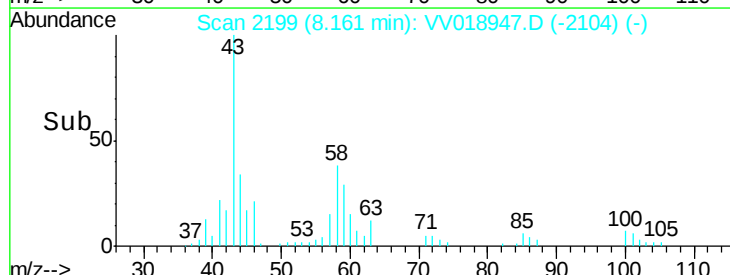


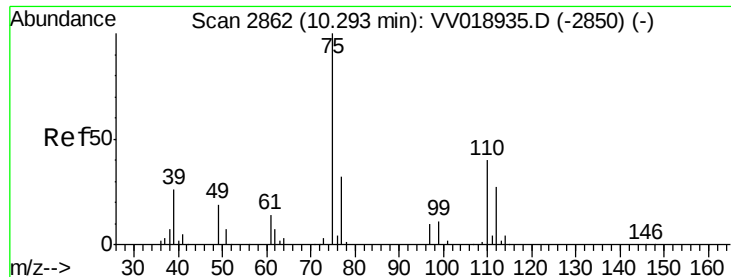
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.647 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018947.D
 Acq: 16 Oct 2020 19:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0MEDL

Tot Ion: 75 Resp: 17686
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.4 38.2#

