

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018929.D
 Acq On : 15 Oct 2020 22:34
 Operator : SY/MD
 Sample : L4382-12ME 40X
 Misc : 5.79g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

Quant Time: Oct 16 08:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119924	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.58	69	100753	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.84%
11) 1,1-Dichloroethene-d2	2.12	63	181670	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
21) 2-Butanone-d5	3.91	46	167065	95.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.38	84	214598	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.05	65	151137	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.07	84	425314	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.09	67	132600	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.68%
41) Toluene-d8	7.34	98	384921	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.64	79	64815	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.11	63	96520	87.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	144998	41.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	153792	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

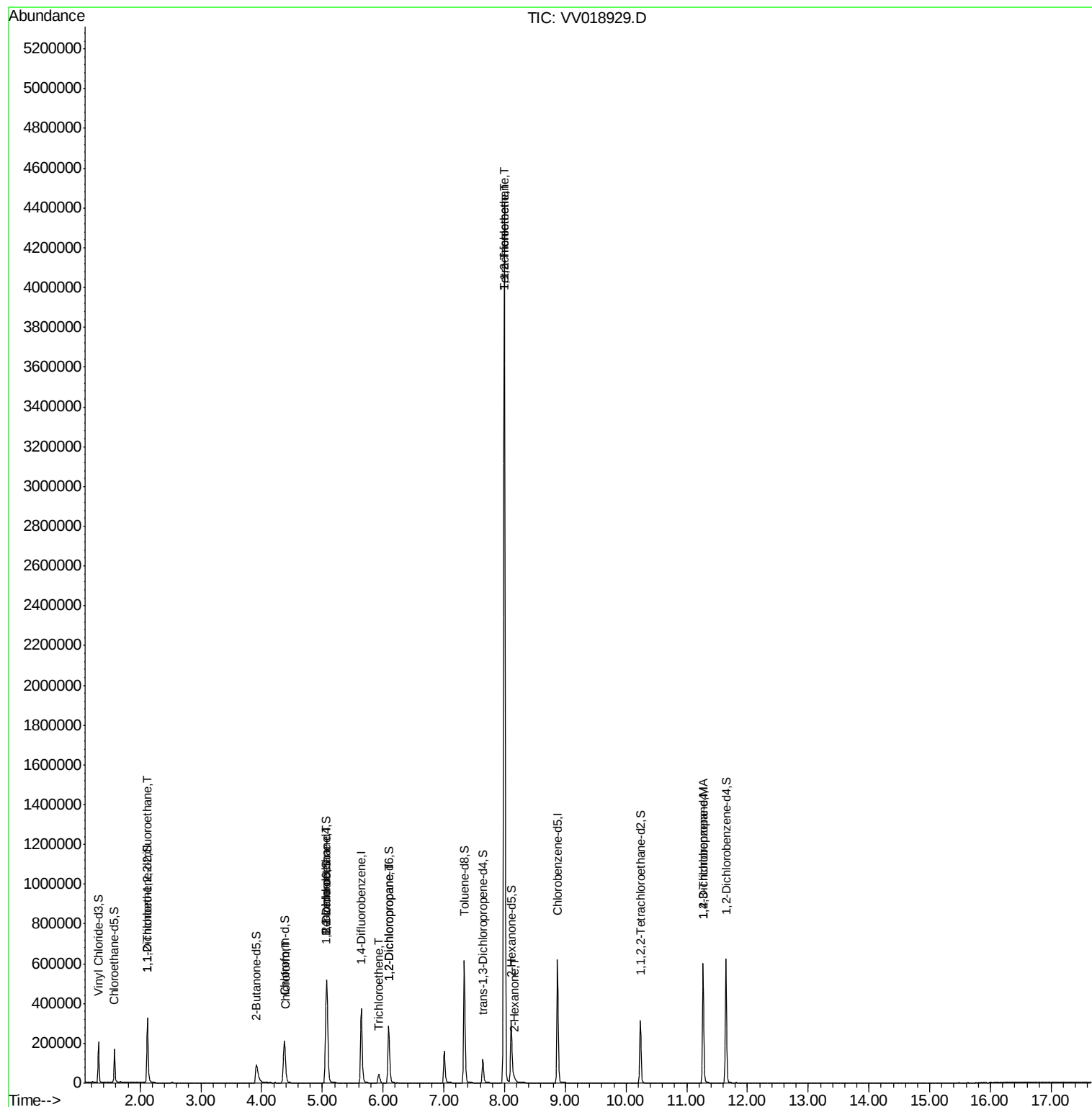
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1652	0.839	ug/L #	20
25) Chloroform	4.40	83	4288	0.990	ug/L #	71
27) 1,2-Dichloroethane	5.07	62	2789	0.788	ug/L	96
34) Trichloroethene	5.95	95	2356	0.841	ug/L	87
37) 1,2-Dichloropropane	6.09	63	15731	6.050	ug/L #	88
45) 1,1,2-Trichloroethane	7.99	97	8550	3.535	ug/L #	3
46) Tetrachloroethene	8.00	164	952241	482.414	ug/L	99
48) 2-Hexanone	8.17	43	13708	4.822	ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	18043	5.733	ug/L #	86

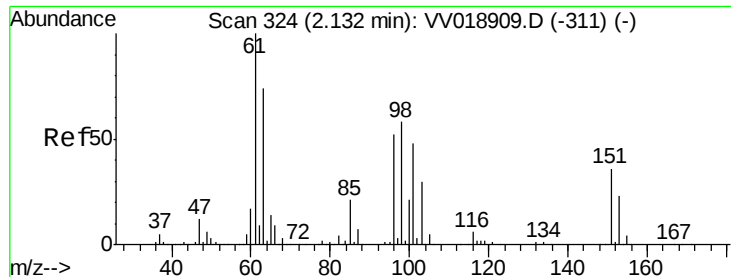
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 08:38:45 2020
Response via : Initial Calibration





#10

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

Concen: 0.839 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0ME

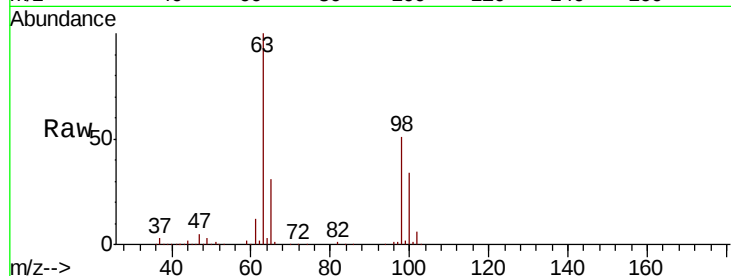
Tot Ion:101 Resp: 1652

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

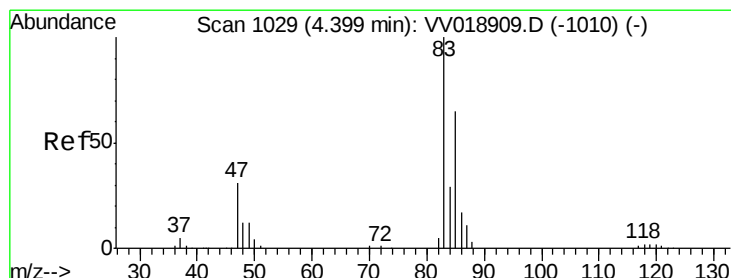
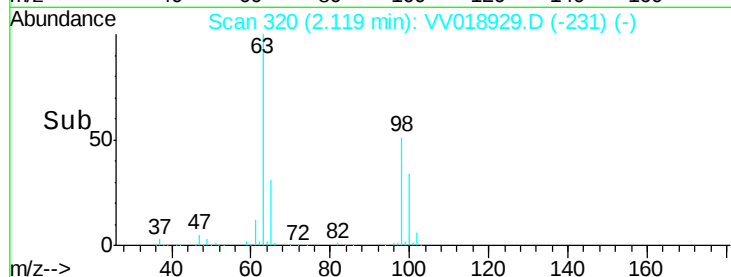
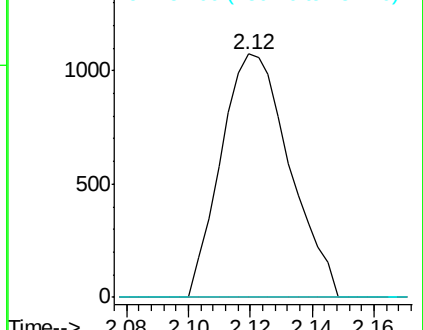
151 0.0 59.7 89.5#



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: 0.990 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV018929.D

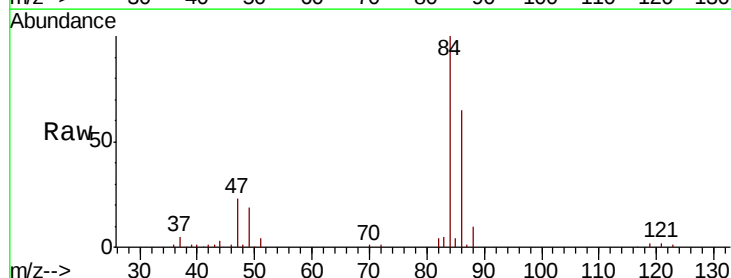
Acq: 15 Oct 2020 22:34

Tgt Ion: 83 Resp: 4288

Ion Ratio Lower Upper

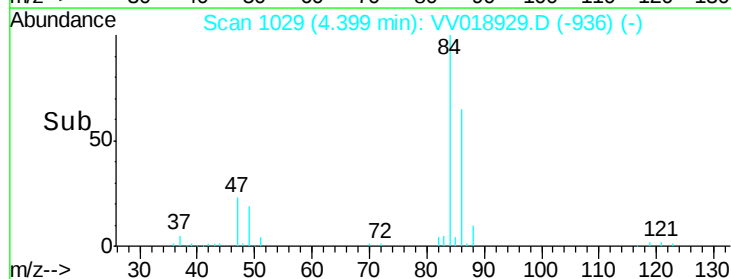
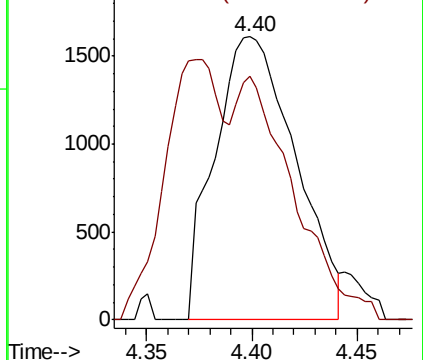
83 100

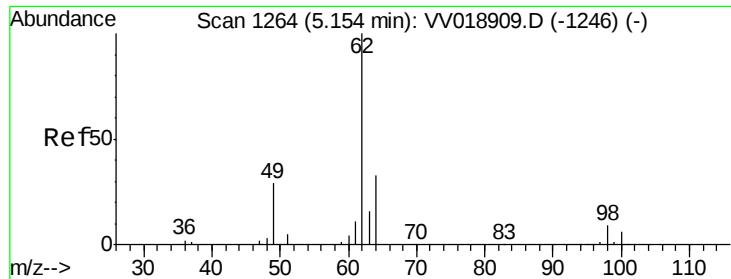
85 86.3 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.788 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Instrument :

MSVOA_V

ClientSampleId :

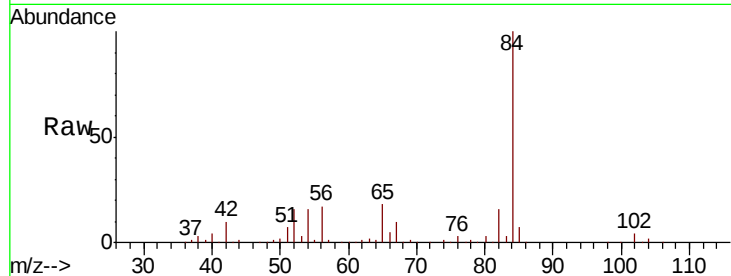
BG3Y0ME

Tot Ion: 62 Resp: 2789

Ion Ratio Lower Upper

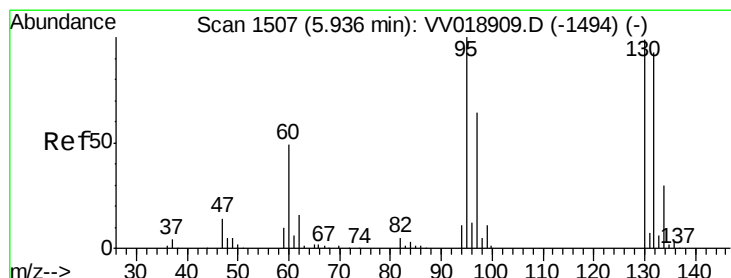
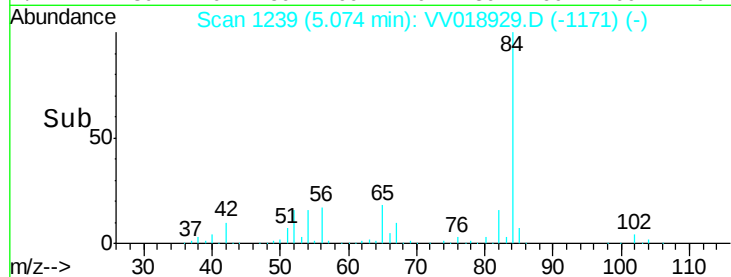
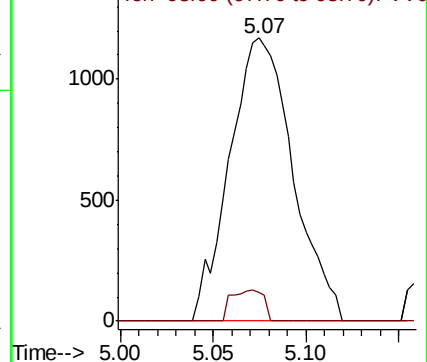
62 100

98 10.1 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#34

Trichloroethene

Concen: 0.841 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Tgt Ion: 95 Resp: 2356

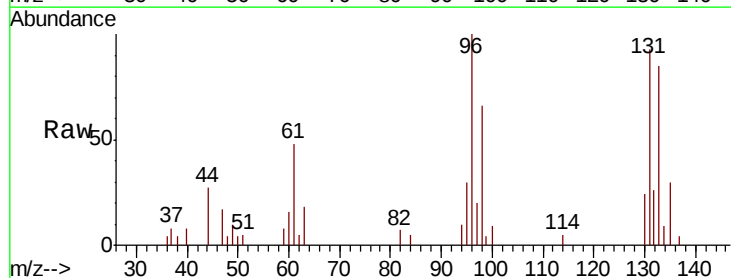
Ion Ratio Lower Upper

95 100

97 67.5 44.7 82.9

132 87.3 67.0 124.4

130 79.1 70.8 131.6

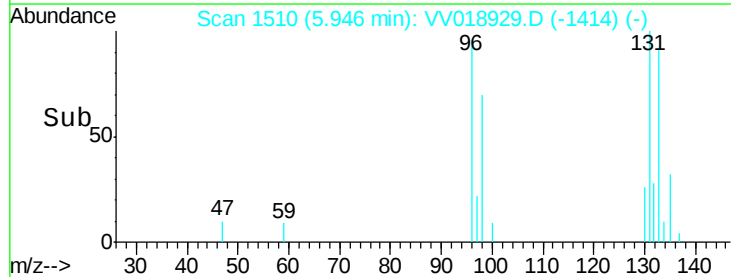
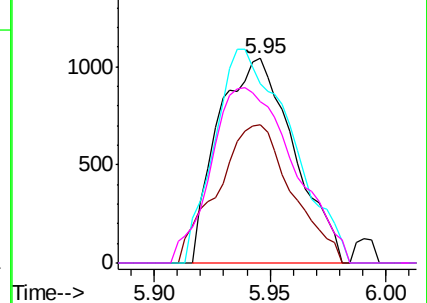


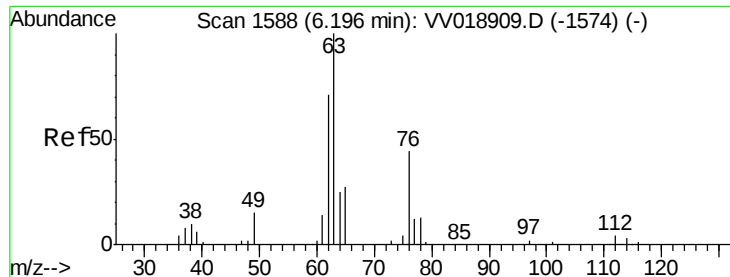
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

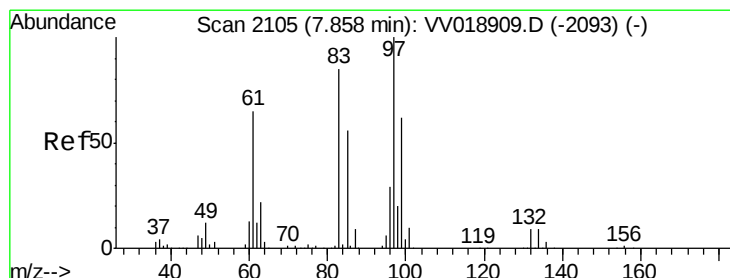
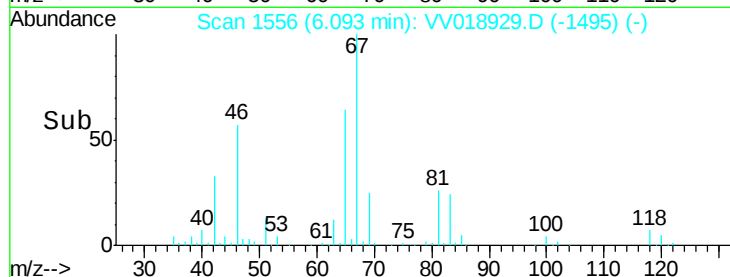
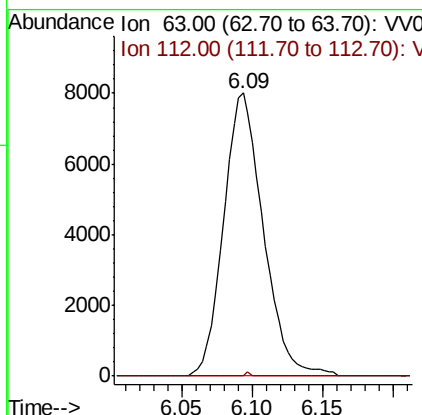
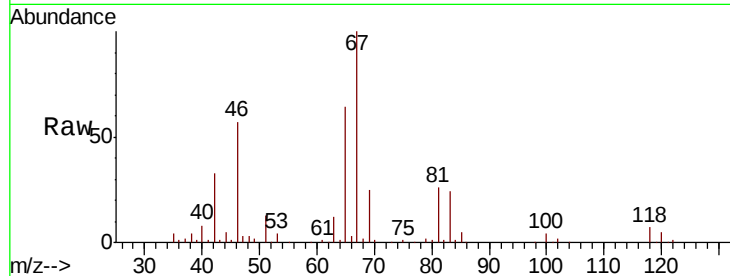




#37
 1,2-Dichloropropane
 Concen: 6.050 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018929.D
 Acq: 15 Oct 2020 22:34

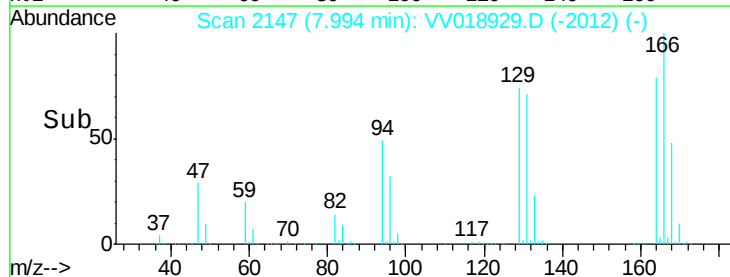
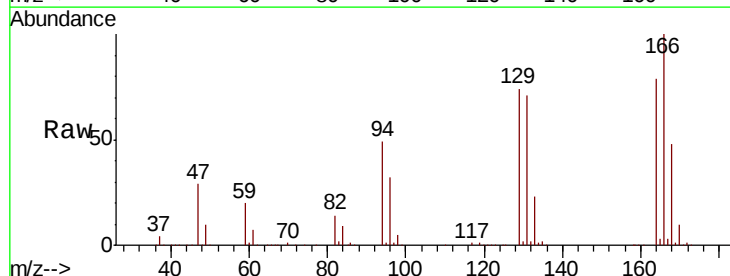
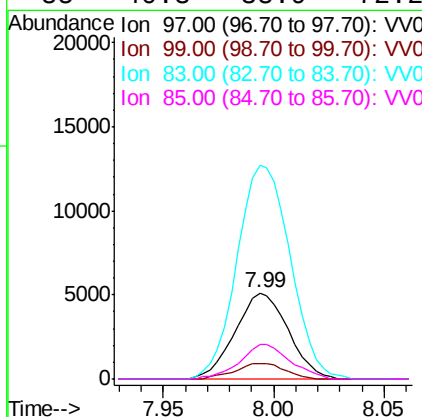
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

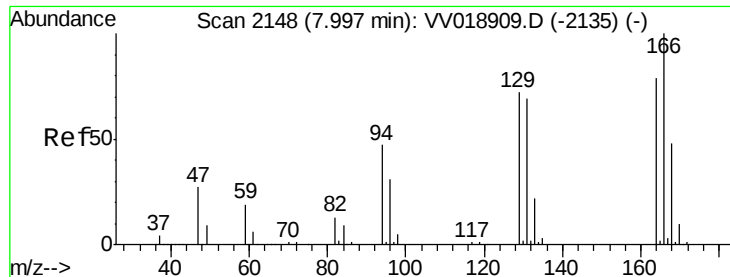
Tot Ion: 63 Resp: 15731
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#45
 1,1,2-Trichloroethane
 Concen: 3.535 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.14 min
 Lab File: VV018929.D
 Acq: 15 Oct 2020 22:34

Tgt Ion: 97 Resp: 8550
 Ion Ratio Lower Upper
 97 100
 99 18.6 43.8 81.4#
 83 248.8 61.0 113.4#
 85 40.3 38.9 72.2





#46

Tetrachloroethene

Concen: 482.414 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0ME

Tot Ion:164 Resp: 952241

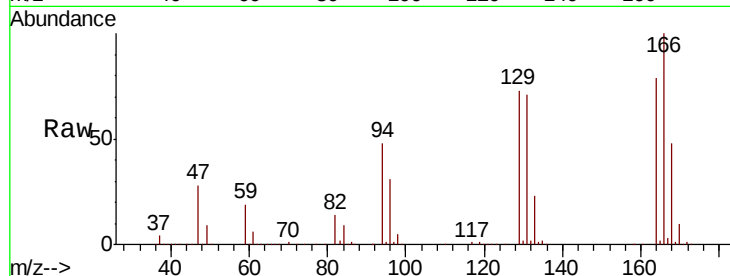
Ion Ratio Lower Upper

164 100

129 92.9 65.0 120.8

131 89.6 62.9 116.7

166 126.8 91.1 169.3

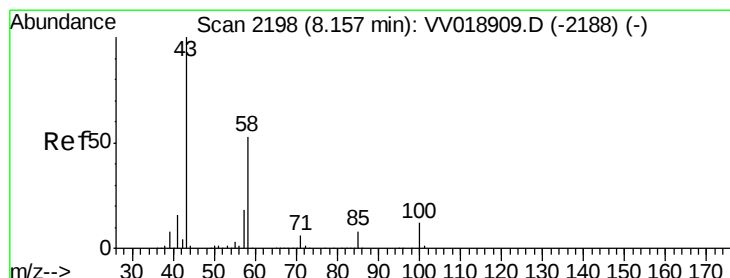
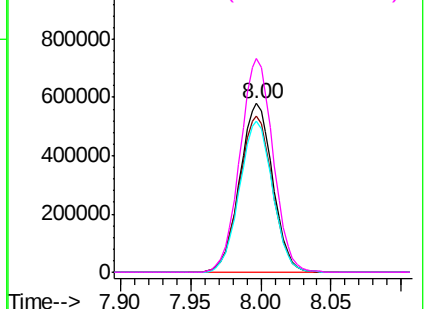
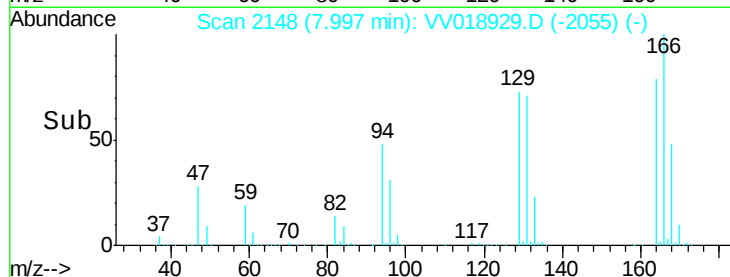


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.822 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Tgt Ion: 43 Resp: 13708

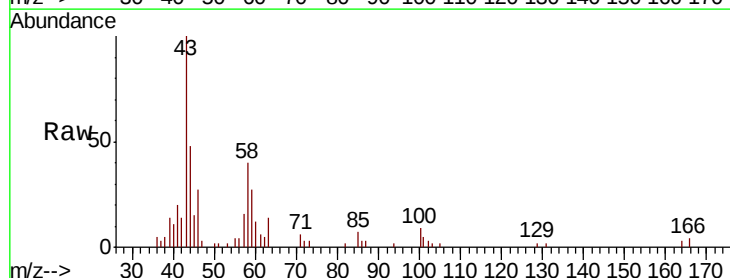
Ion Ratio Lower Upper

43 100

58 37.1 42.5 63.7#

57 15.7 14.5 21.7

100 7.3 9.0 13.4#

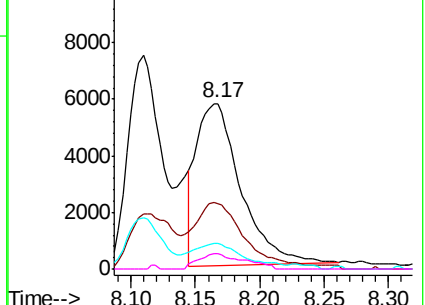
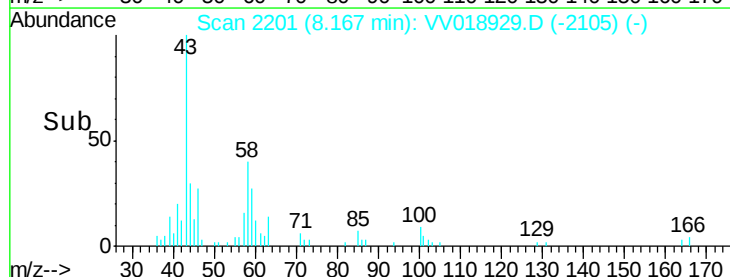


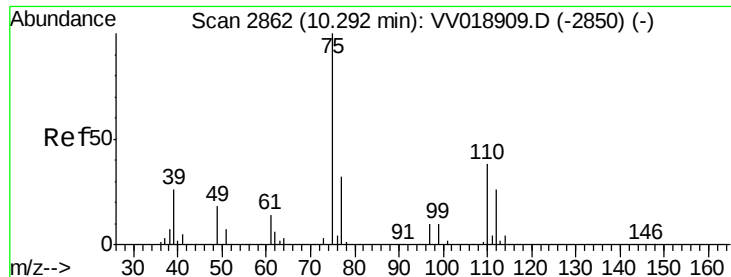
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.733 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018929.D

Acq: 15 Oct 2020 22:34

Instrument :

MSVOA_V

ClientSampleId :

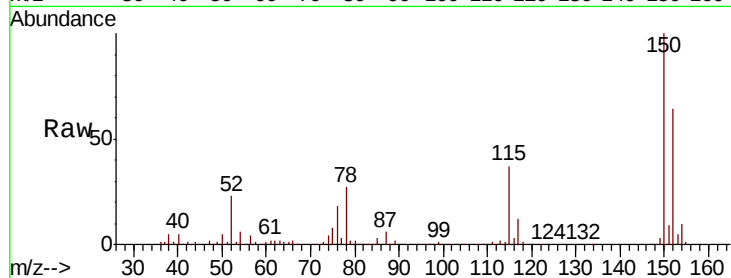
BG3Y0ME

Tot Ion: 75 Resp: 18043

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

