

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018952.D
 Acq On : 16 Oct 2020 21:11
 Operator : SY/MD
 Sample : L4382-11ME 100X
 Misc : 4.39G/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X9ME

Quant Time: Oct 17 06:05:22 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	298406	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	318241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113172	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.58	69	94574	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	177809	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
21) 2-Butanone-d5	3.90	46	160146	93.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.53%
24) Chloroform-d	4.38	84	205509	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.06	65	147400	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.07	84	404884	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
36) 1,2-Dichloropropane-d6	6.09	67	130325	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.74%
41) Toluene-d8	7.34	98	352197	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%
43) trans-1,3-Dichloropropene-	7.64	79	60063	41.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.74%
47) 2-Hexanone-d5	8.11	63	91598	83.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148546	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	154007	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

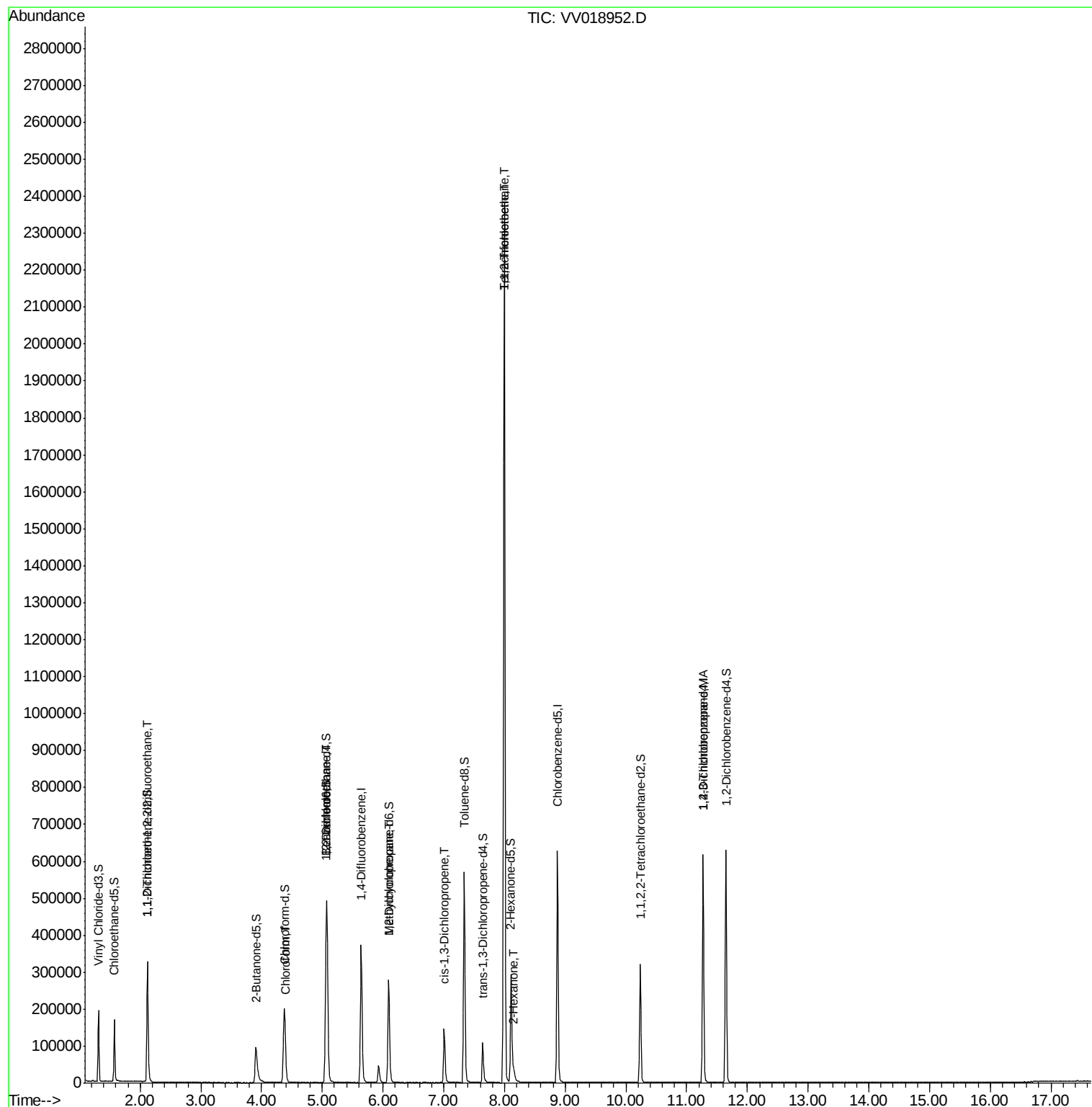
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1353	0.699	ug/L #	20
25) Chloroform	4.40	83	4304	1.010	ug/L	78
27) 1,2-Dichloroethane	5.07	62	2650	0.761	ug/L	100
35) Methylcyclohexane	6.09	83	31691	9.301	ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3695	0.942	ug/L #	58
45) 1,1,2-Trichloroethane	8.00	97	4663	1.920	ug/L #	1
46) Tetrachloroethene	8.00	164	515137	259.824	ug/L	99
48) 2-Hexanone	8.16	43	16006	5.605	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	18903	5.980	ug/L	92

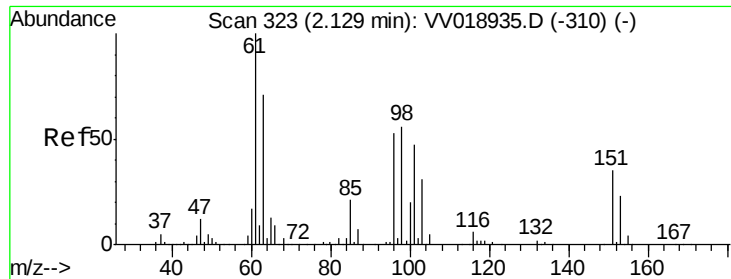
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 06:05:22 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: 0.699 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampleId :

BG3X9ME

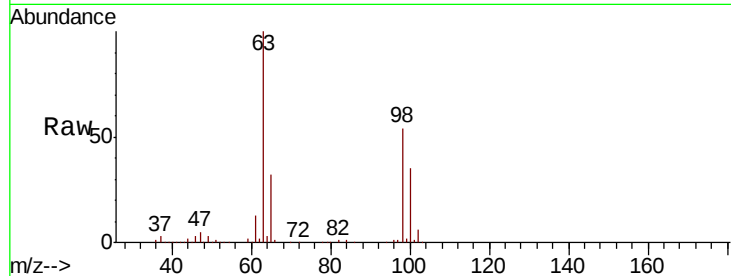
Tot Ion:101 Resp: 1353

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

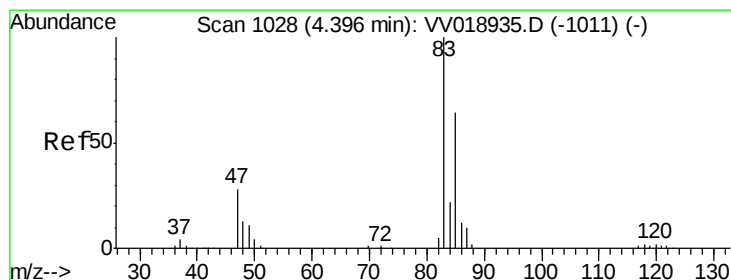
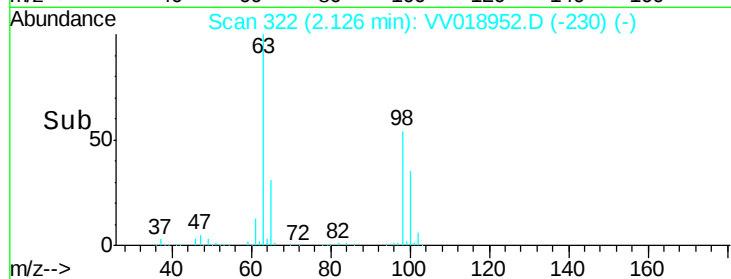
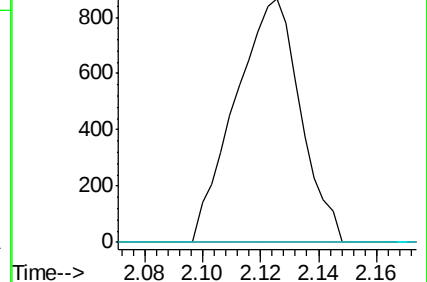
151 0.0 59.7 89.5#



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: 1.010 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV018952.D

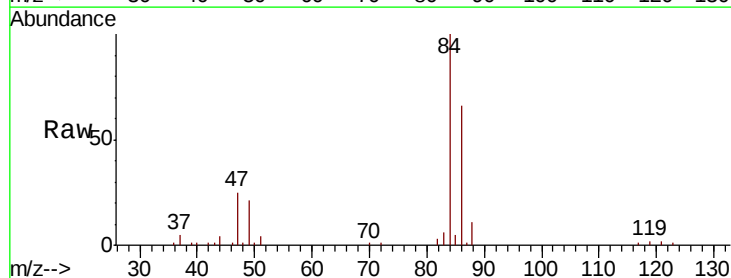
Acq: 16 Oct 2020 21:11

Tgt Ion: 83 Resp: 4304

Ion Ratio Lower Upper

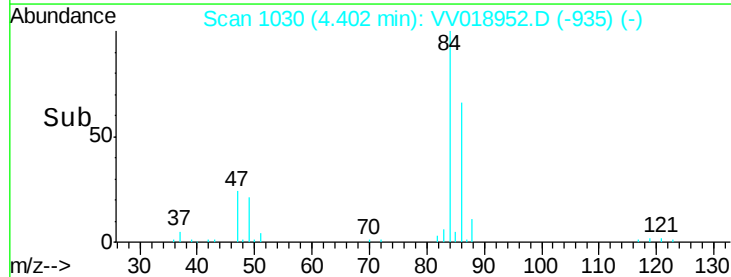
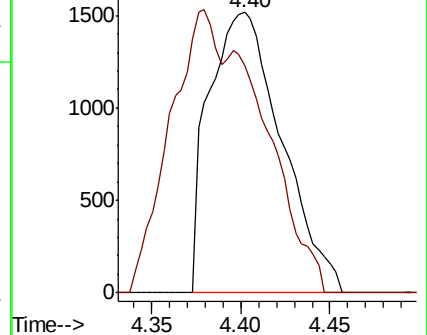
83 100

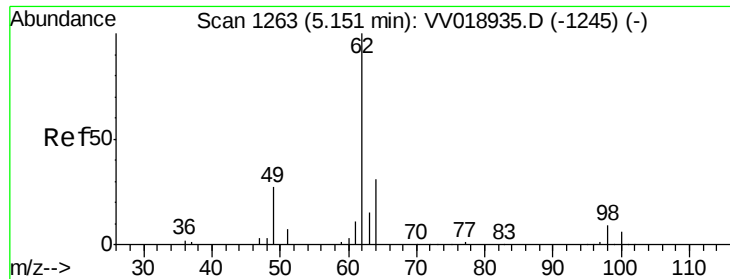
85 81.1 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.761 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

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MSVOA_V

ClientSampleId :

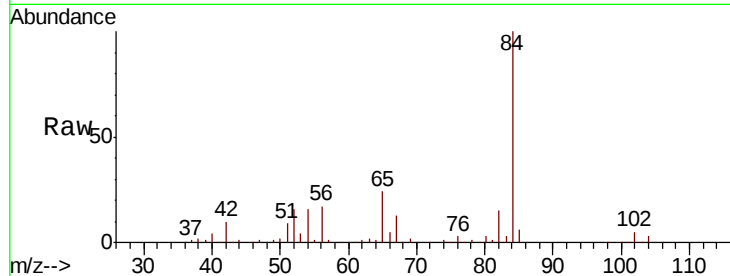
BG3X9ME

Tot Ion: 62 Resp: 2650

Ion Ratio Lower Upper

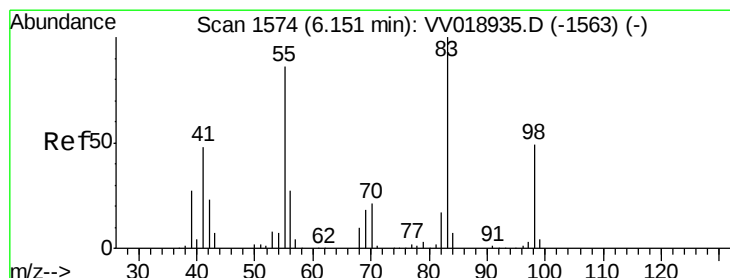
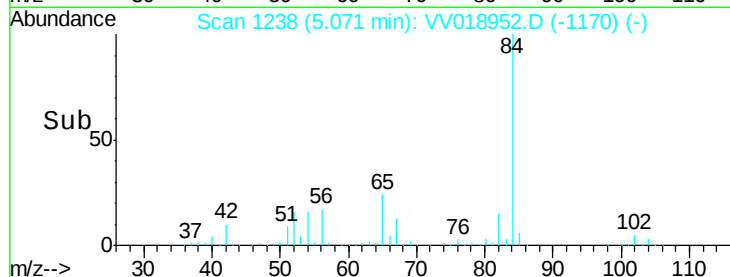
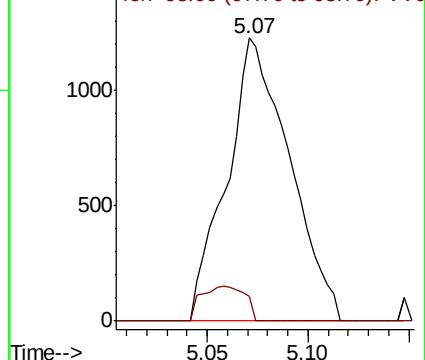
62 100

98 8.7 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#35

Methylcyclohexane

Concen: 9.301 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

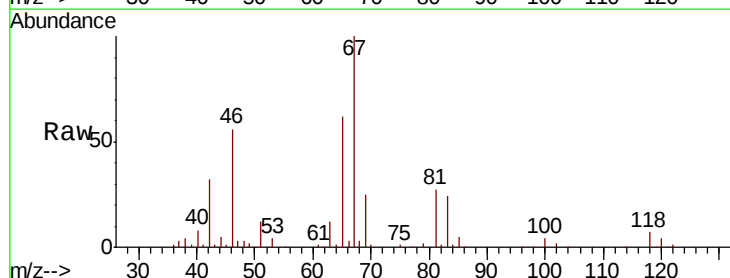
Tgt Ion: 83 Resp: 31691

Ion Ratio Lower Upper

83 100

55 0.5 67.3 100.9#

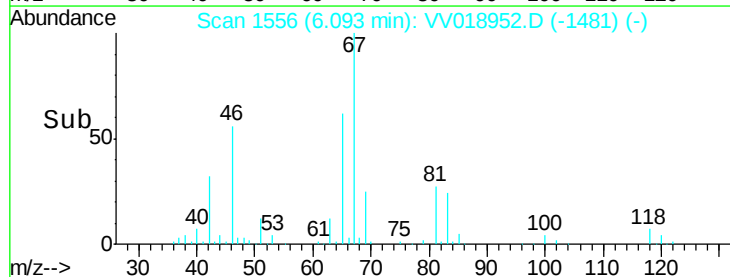
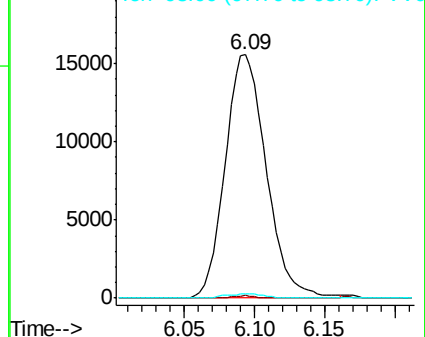
98 0.5 37.9 56.9#

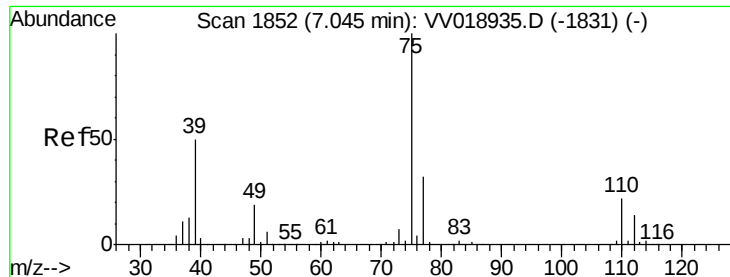


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

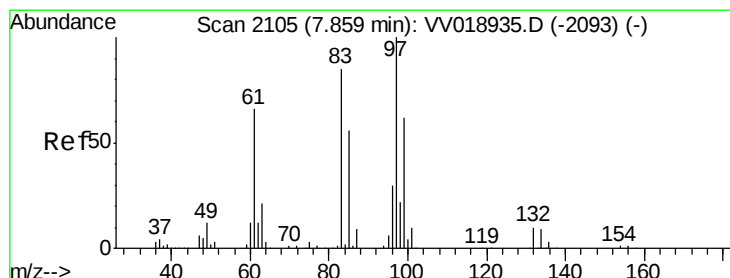
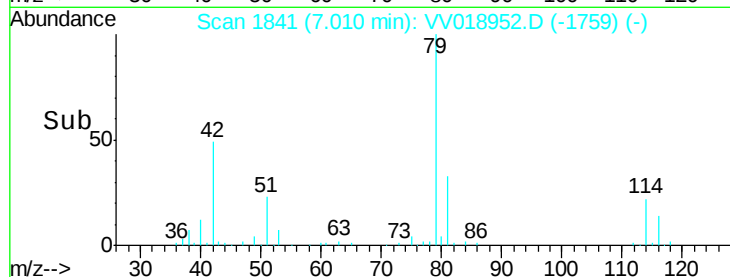
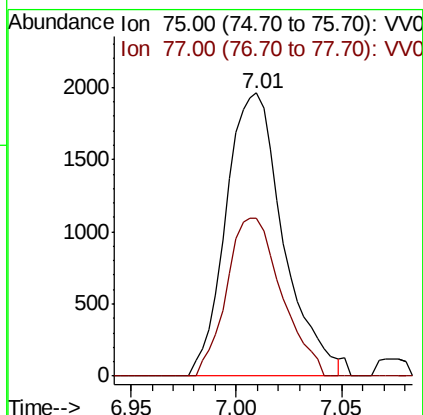
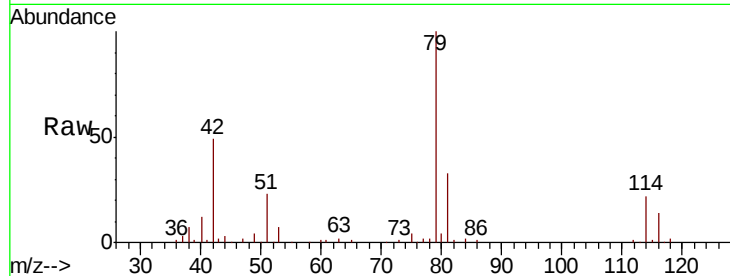




#39
 cis-1,3-Dichloropropene
 Concen: 0.942 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018952.D
 Acq: 16 Oct 2020 21:11

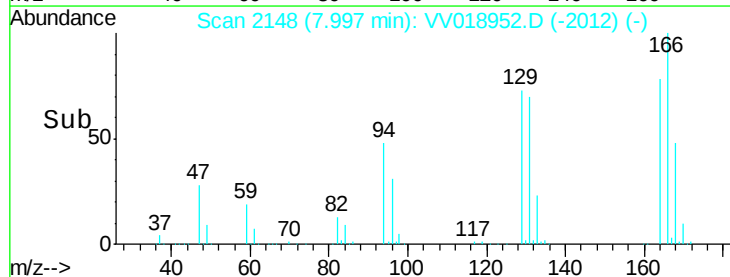
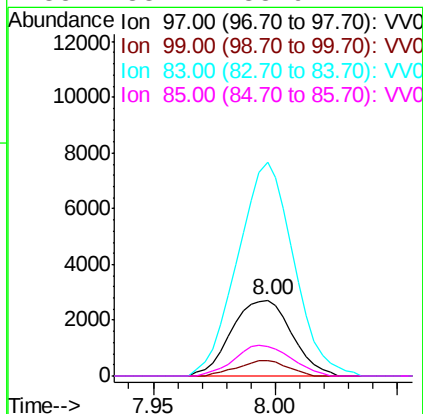
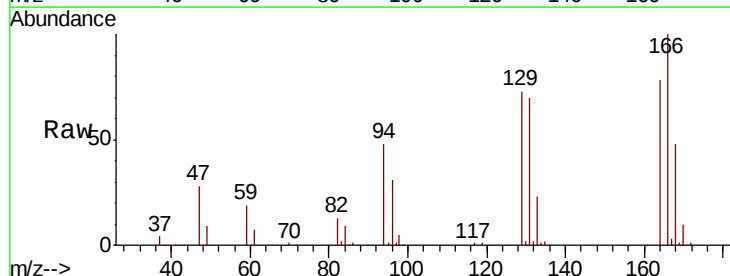
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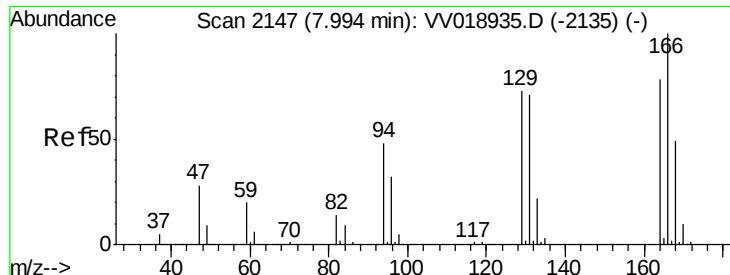
Tot Ion: 75 Resp: 3695
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.5 41.9#



#45
 1,1,2-Trichloroethane
 Concen: 1.920 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.14 min
 Lab File: VV018952.D
 Acq: 16 Oct 2020 21:11

Tgt Ion: 97 Resp: 4663
 Ion Ratio Lower Upper
 97 100
 99 21.0 43.8 81.4#
 83 282.3 61.0 113.4#
 85 38.4 38.9 72.2#





#46

Tetrachloroethene

Concen: 259.824 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampleId :

BG3X9ME

Tot Ion:164 Resp: 515137

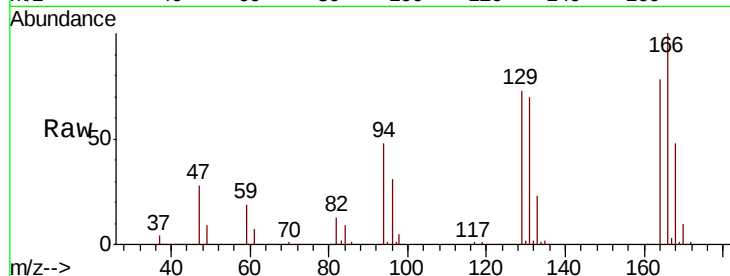
Ion Ratio Lower Upper

164 100

129 93.1 65.0 120.8

131 89.3 62.9 116.7

166 128.0 91.1 169.3

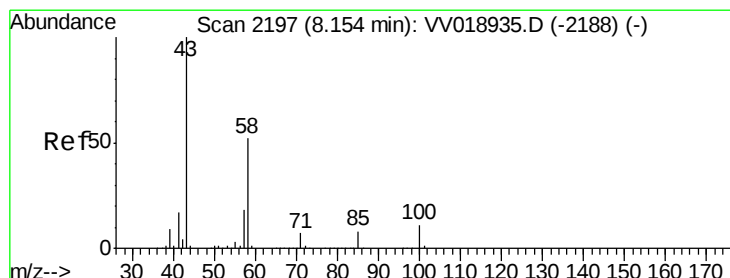
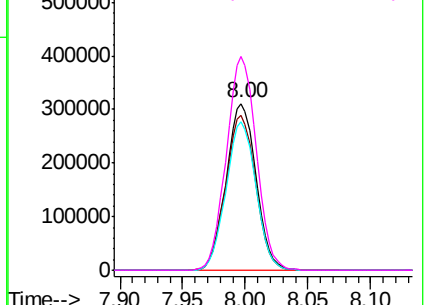
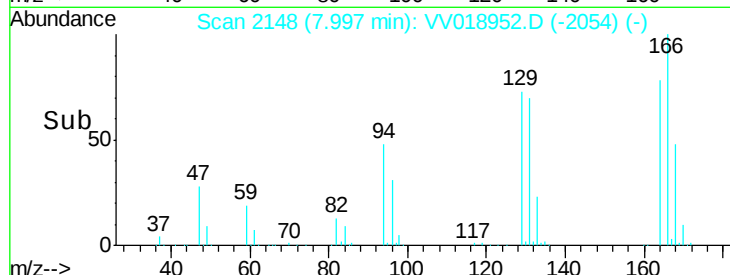


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.605 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

Tgt Ion: 43 Resp: 16006

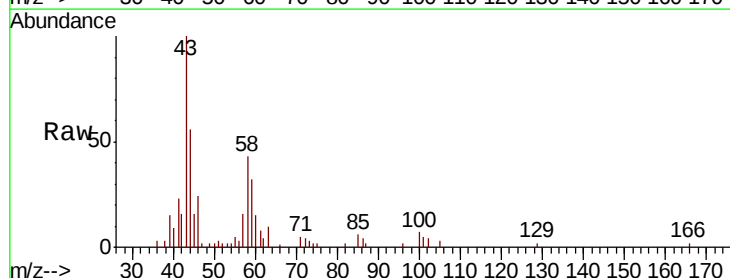
Ion Ratio Lower Upper

43 100

58 32.8 42.5 63.7#

57 15.7 14.5 21.7

100 7.6 9.0 13.4#

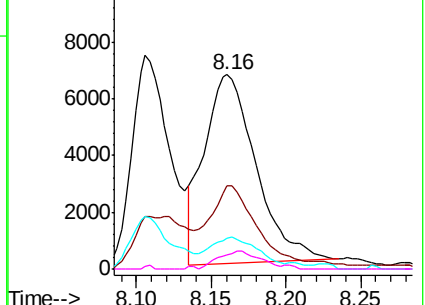
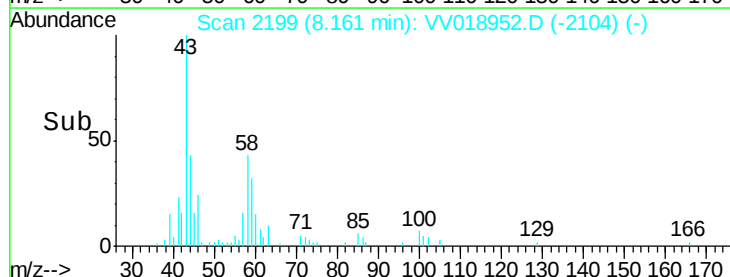


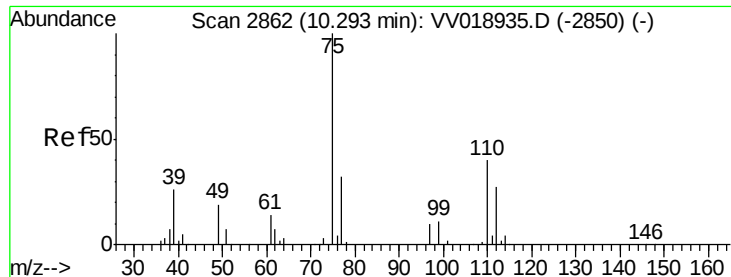
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.980 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018952.D

Acq: 16 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampleId :

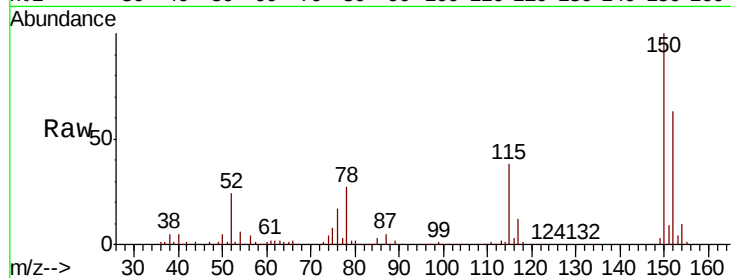
BG3X9ME

Tot Ion: 75 Resp: 18903

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

