

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018965.D
 Acq On : 19 Oct 2020 12:49
 Operator : SY/MD
 Sample : L4382-14MERE
 Misc : 5.51g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y2ME

Quant Time: Oct 20 01:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346449	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150622	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112754	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.08%
7) Chloroethane-d5	1.57	69	85437	37.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.62%
11) 1,1-Dichloroethene-d2	2.10	63	177171	32.91	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.92	46	167948	84.49	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.49%
24) Chloroform-d	4.37	84	221285	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.05	65	160891	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
32) Benzene-d6	5.07	84	457339	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
36) 1,2-Dichloropropane-d6	6.09	67	136363	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.34	98	374864	43.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.52%
43) trans-1,3-Dichloropropene-	7.64	79	67480	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.14	63	92127	80.29	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138553	38.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	146540	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

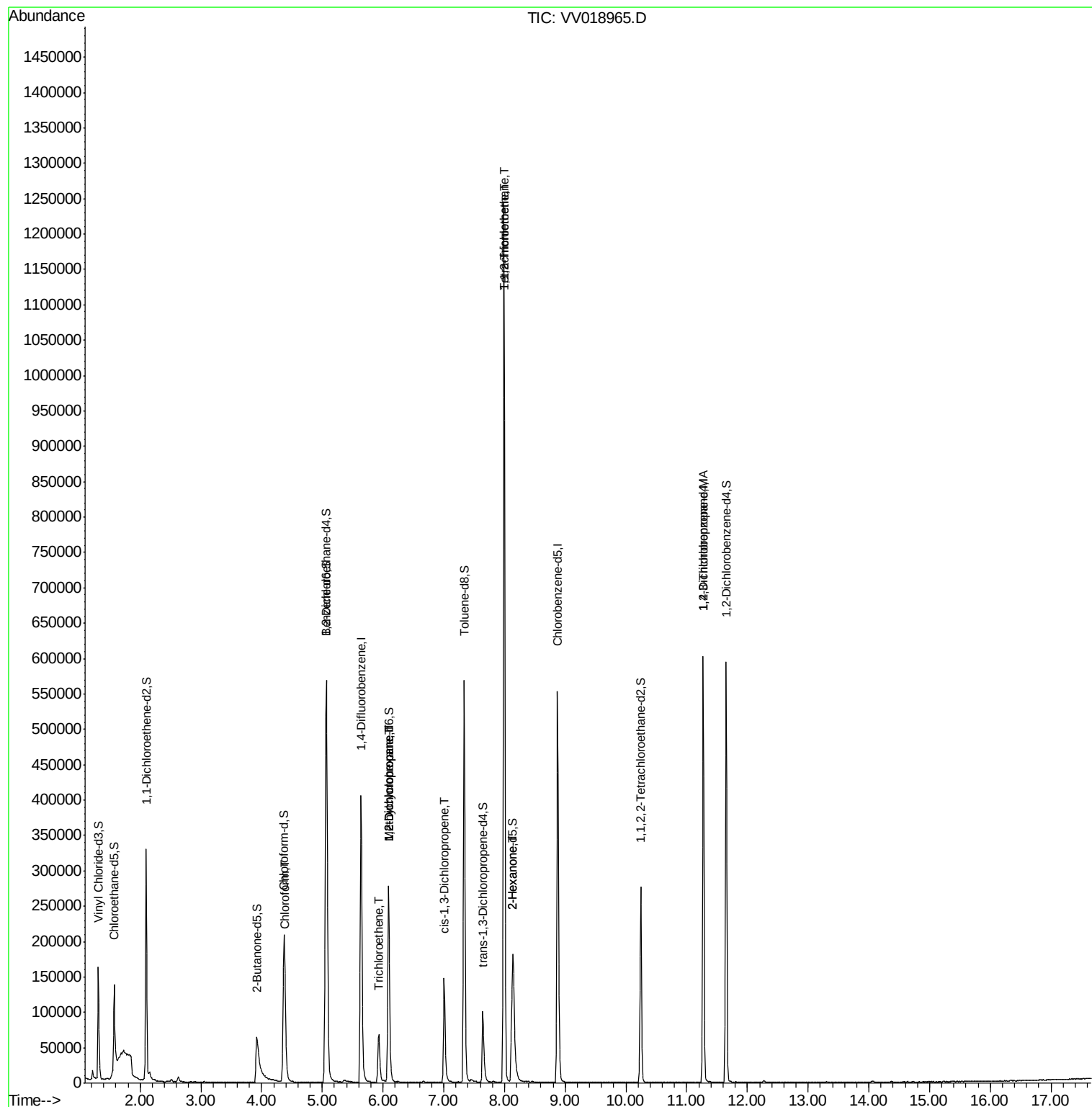
					Ovalue
25) Chloroform	4.40	83	11816	2.389	ug/L 78
34) Trichloroethene	5.94	95	12524	4.281	ug/L 97
35) Methylcyclohexane	6.09	83	32476	9.167	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	15631	5.756	ug/L # 88
39) cis-1,3-Dichloropropene	7.01	75	3969	0.973	ug/L # 67
45) 1,1,2-Trichloroethane	7.99	97	2563	1.015	ug/L # 20
46) Tetrachloroethene	7.99	164	275396	133.583	ug/L 98
48) 2-Hexanone	8.14	43	11413	3.844	ug/L # 72
59) 1,2,3-Trichloropropane	11.27	75	18399	5.597	ug/L 89

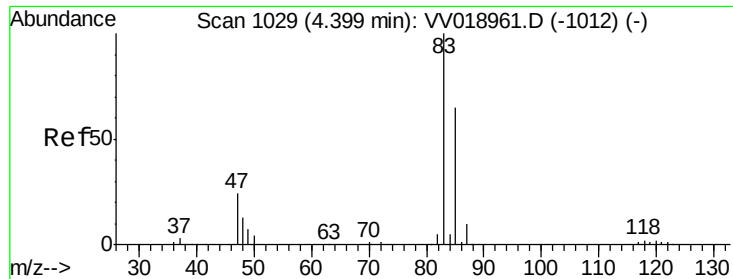
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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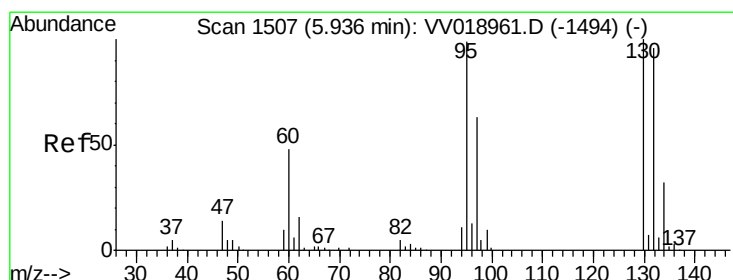
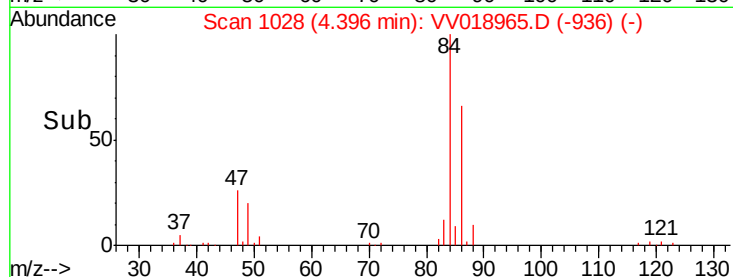
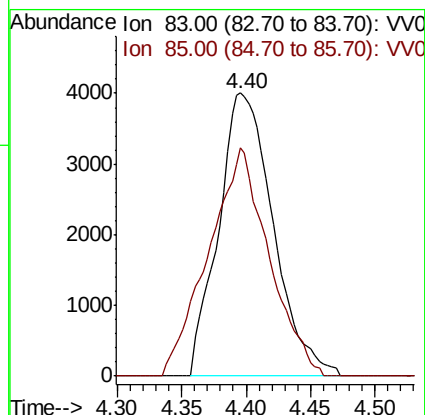
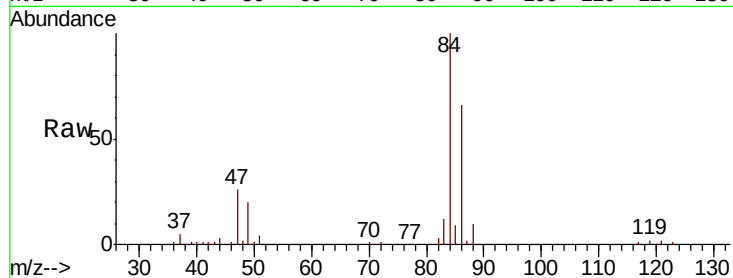




#25
Chloroform
Concen: 2.389 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV018965.D
Acq: 19 Oct 2020 12:49

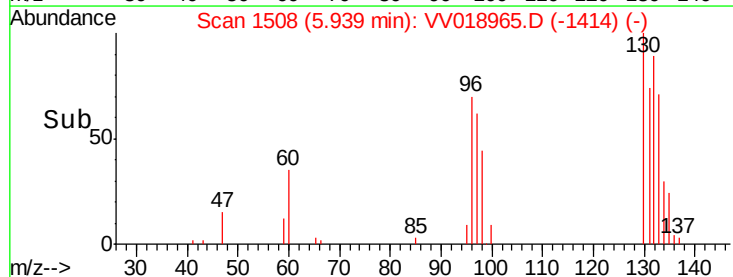
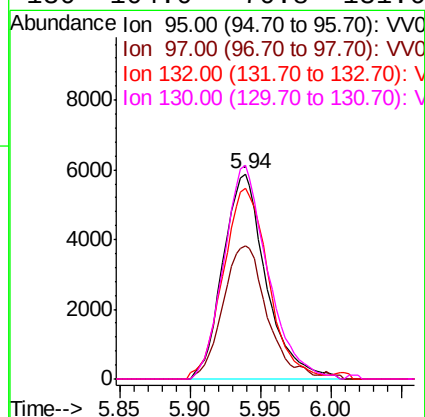
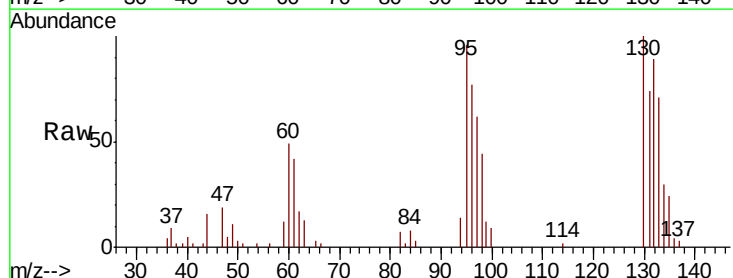
Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

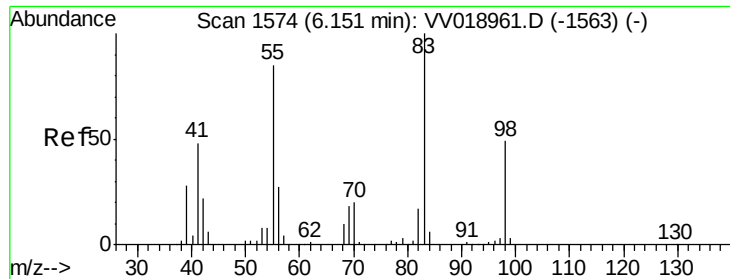
Tot Ion: 83 Resp: 11816
Ion Ratio Lower Upper
83 100
85 80.5 44.6 82.8



#34
Trichloroethene
Concen: 4.281 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018965.D
Acq: 19 Oct 2020 12:49

Tgt Ion: 95 Resp: 12524
Ion Ratio Lower Upper
95 100
97 64.7 44.7 82.9
132 92.7 67.0 124.4
130 104.0 70.8 131.6

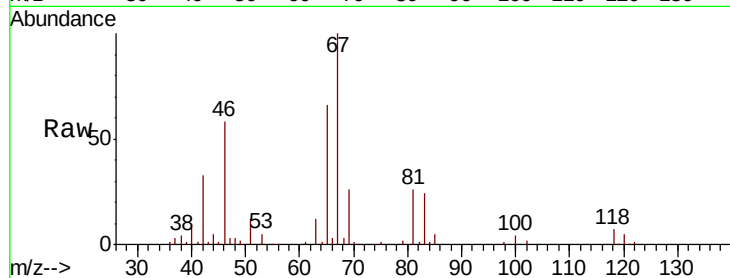




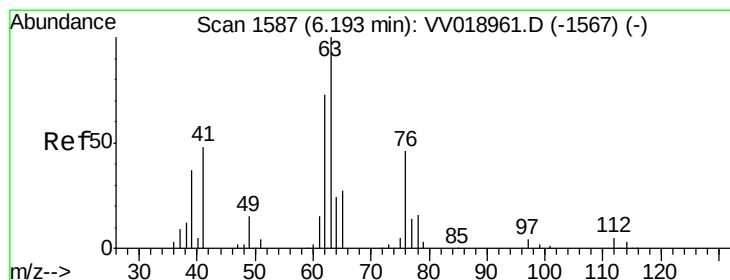
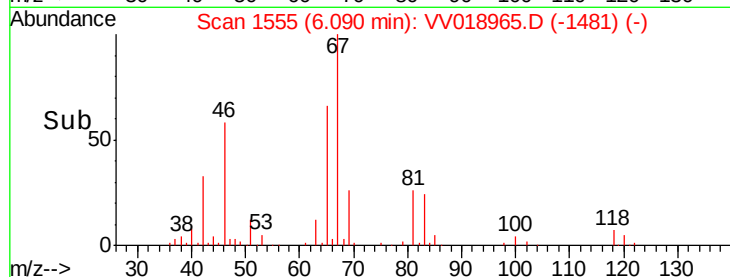
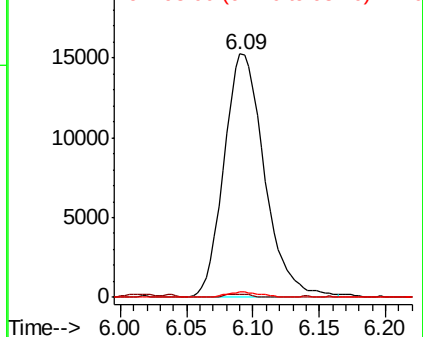
#35
Methylvlcyclohexane
Concen: 9.167 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018965.D
Acq: 19 Oct 2020 12:49

Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

Tot Ion: 83 Resp: 32476
Ion Ratio Lower Upper
83 100
55 0.4 67.3 100.9#
98 1.8 37.9 56.9#

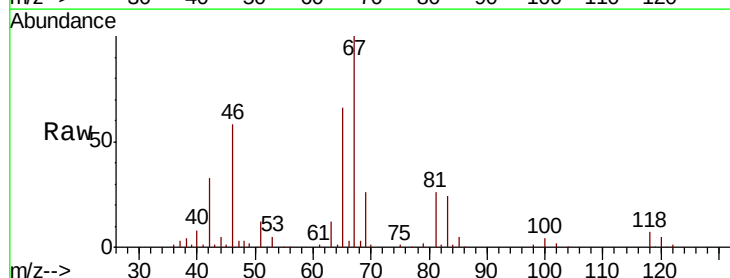


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

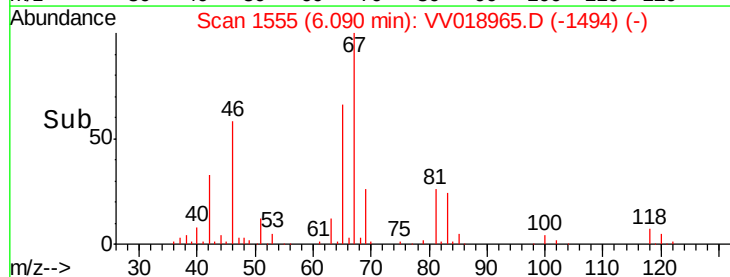
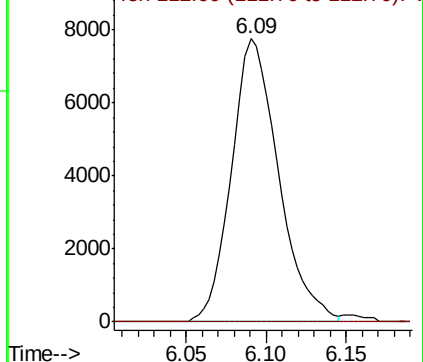


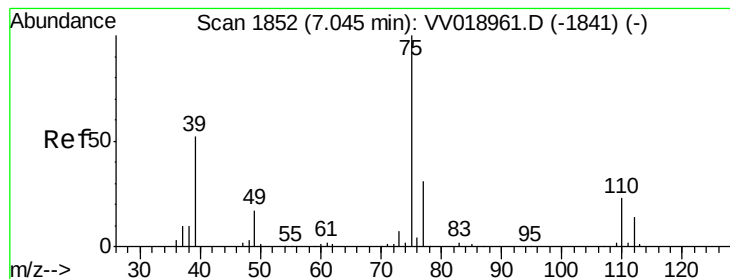
#37
1,2-Dichloropropane
Concen: 5.756 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018965.D
Acq: 19 Oct 2020 12:49

Tgt Ion: 63 Resp: 15631
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.973 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018965.D

Acq: 19 Oct 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

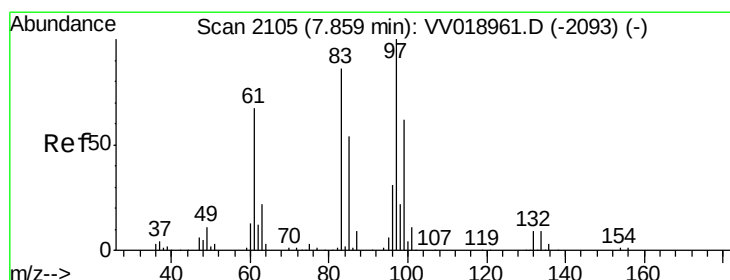
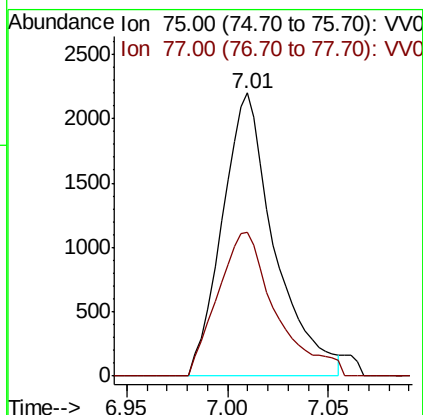
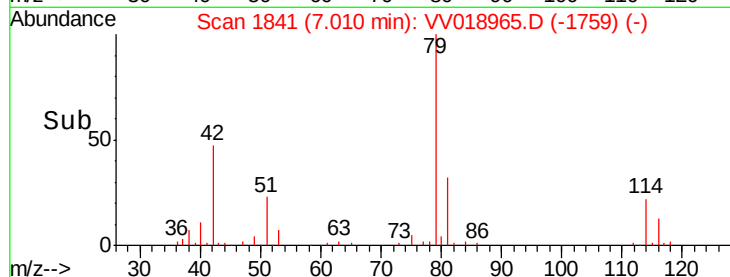
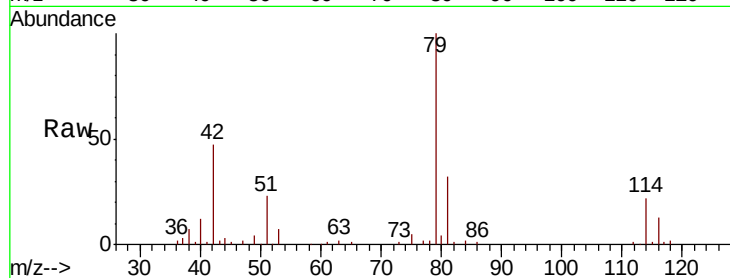
BG3Y2ME

Tot Ion: 75 Resp: 3969

Ion Ratio Lower Upper

75 100

77 50.9 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 1.015 ug/L

RT: 7.99 min Scan# 2146

Delta R.T. 0.13 min

Lab File: VV018965.D

Acq: 19 Oct 2020 12:49

Tgt Ion: 97 Resp: 2563

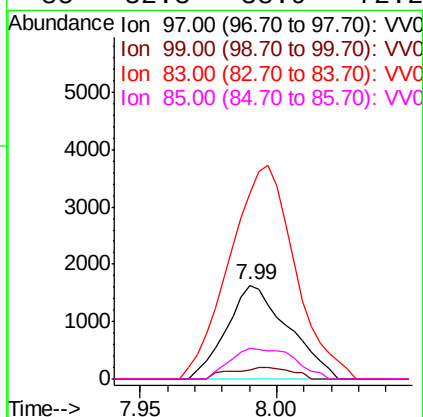
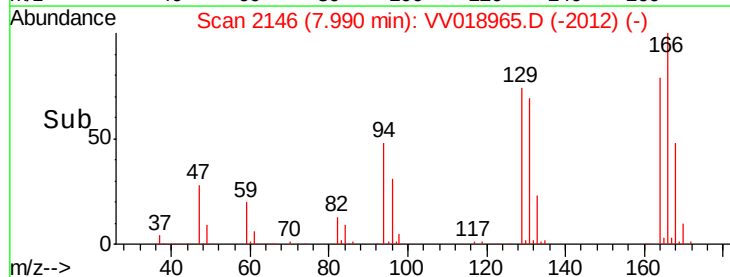
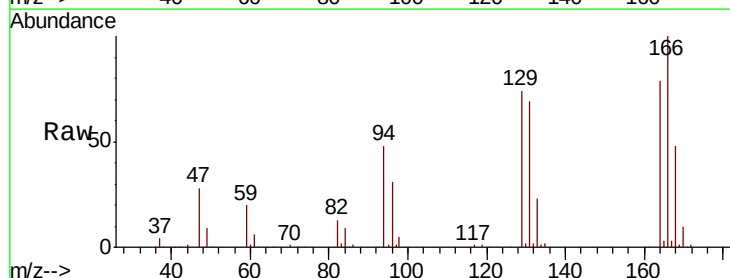
Ion Ratio Lower Upper

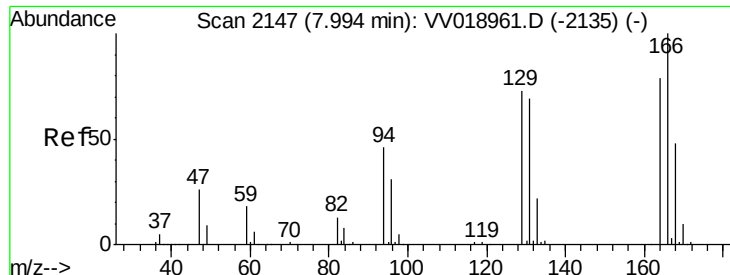
97 100

99 10.1 43.8 81.4#

83 198.6 61.0 113.4#

85 32.3 38.9 72.2#





#46

Tetrachloroethene

Concen: 133.583 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018965.D

Acq: 19 Oct 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

BG3Y2ME

Tot Ion:164 Resp: 275396

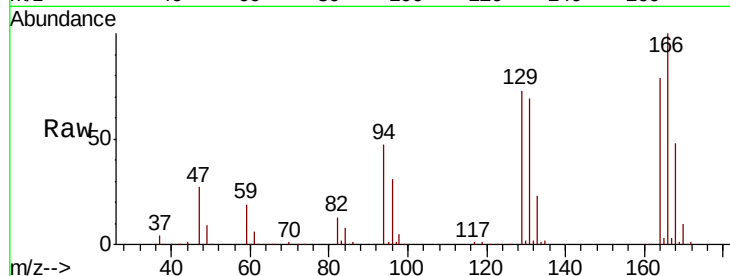
Ion Ratio Lower Upper

164 100

129 92.1 65.0 120.8

131 87.3 62.9 116.7

166 127.0 91.1 169.3

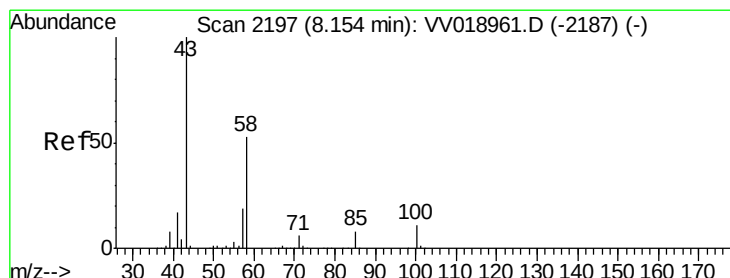
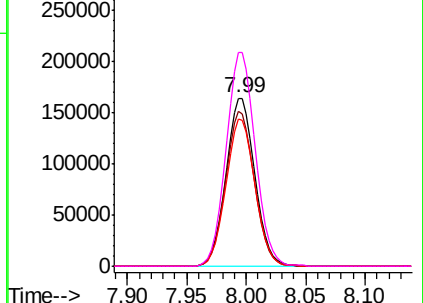
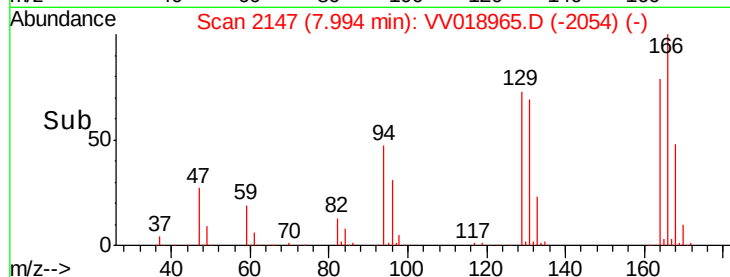


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.844 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.01 min

Lab File: VV018965.D

Acq: 19 Oct 2020 12:49

Tgt Ion: 43 Resp: 11413

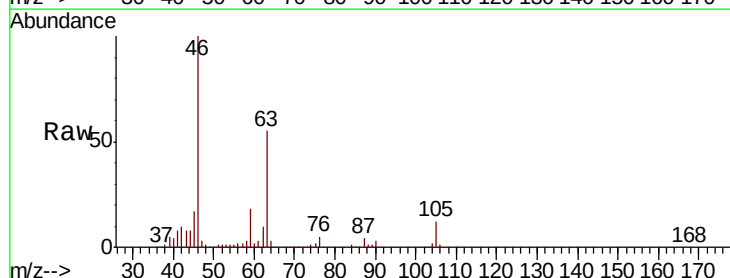
Ion Ratio Lower Upper

43 100

58 34.2 42.5 63.7#

57 32.6 14.5 21.7#

100 1.2 9.0 13.4#

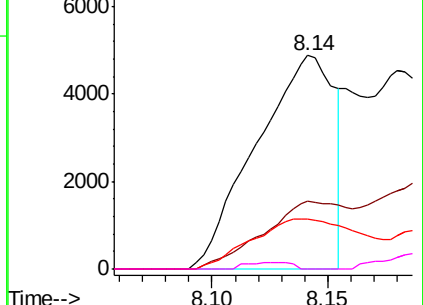
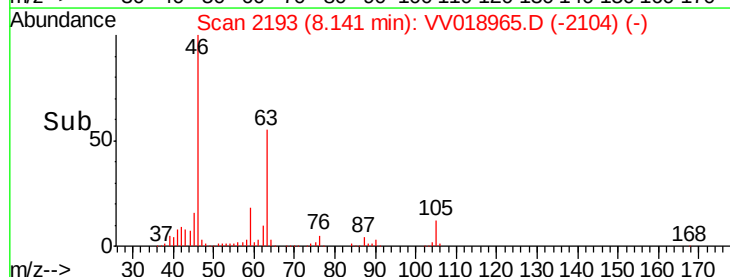


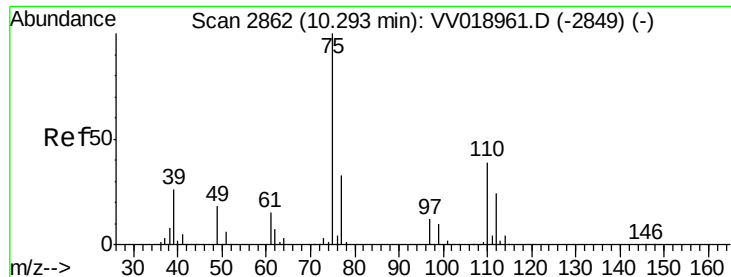
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.597 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018965.D

Acq: 19 Oct 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

BG3Y2ME

Tot Ion: 75 Resp: 18399

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

