

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019362.D
 Acq On : 12 Nov 2020 19:21
 Operator : SY/MD
 Sample : L4693-21ME
 Misc : 5.61g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E7ME

Quant Time: Nov 13 01:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	221919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80038	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.58	69	66585	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.10	63	134872	39.18	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.36%
21) 2-Butanone-d5	3.93	46	74270	86.10	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.37	84	152904	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.05	65	111131	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.07	84	286590	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.09	67	81847	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.33	98	274812	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.64	79	47714	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.14	63	57704	95.40	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101010	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	119414	53.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.46%

Target Compounds

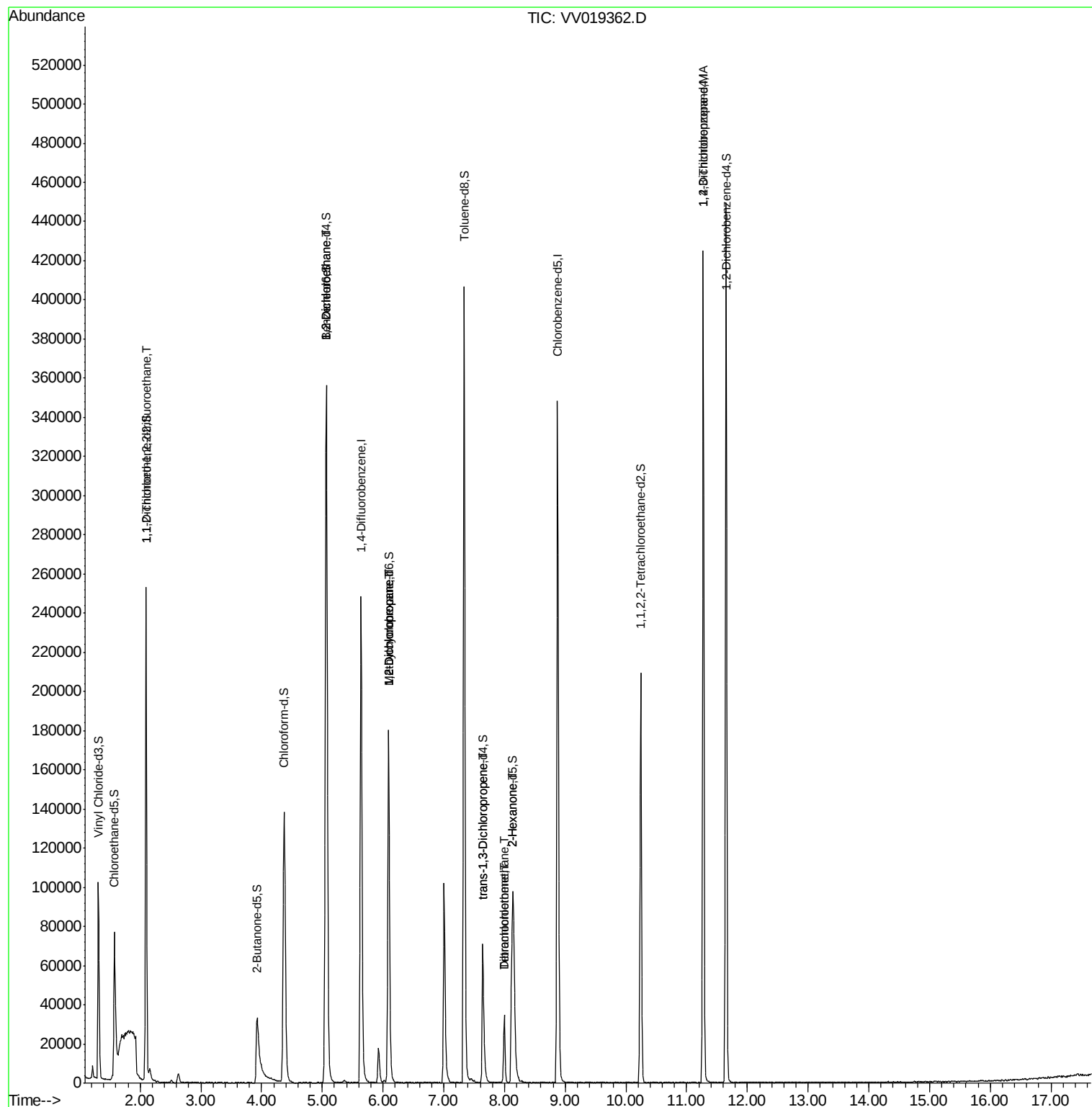
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1231	0.840	ug/L #	21
27) 1,2-Dichloroethane	5.07	62	2179	0.886	ug/L #	76
35) Methylcyclohexane	6.09	83	22769	10.748	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	10884	7.879	ug/L #	83
44) trans-1,3-Dichloropropene	7.65	75	2591	1.027	ug/L	93
46) Tetrachloroethene	8.00	164	8327	5.515	ug/L	98
48) 2-Hexanone	8.14	43	6232	4.562	ug/L #	47
49) Dibromochloromethane	7.99	129	7088	3.686	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	10989	5.825	ug/L	89

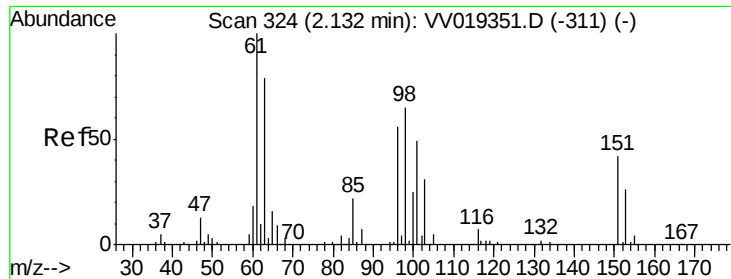
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.840 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV019362.D

Acq: 12 Nov 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

BG4E7ME

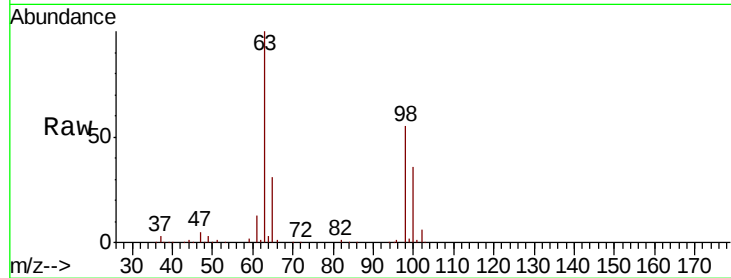
Tot Ion:101 Resp: 1231

Ion Ratio Lower Upper

101 100

85 11.8 35.8 53.6#

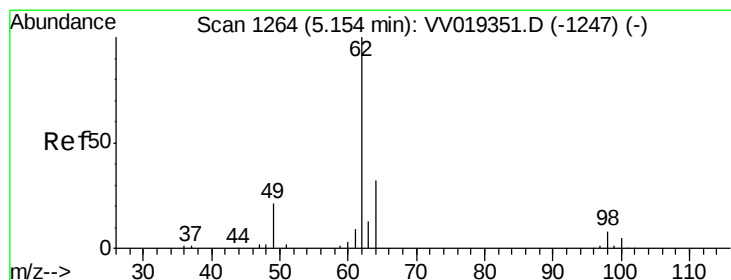
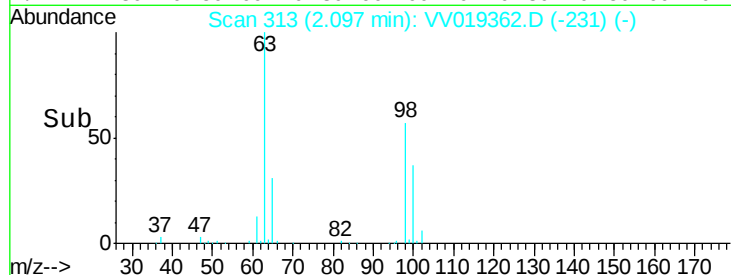
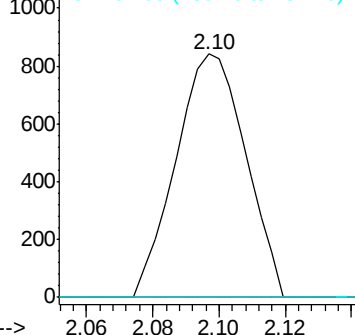
151 0.0 69.2 103.8#



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



#27

1,2-Dichloroethane

Concen: 0.886 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.09 min

Lab File: VV019362.D

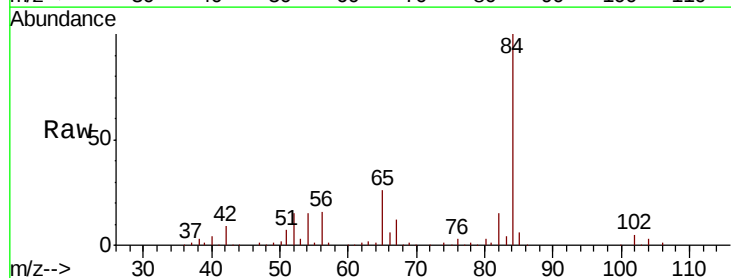
Acq: 12 Nov 2020 19:21

Tgt Ion: 62 Resp: 2179

Ion Ratio Lower Upper

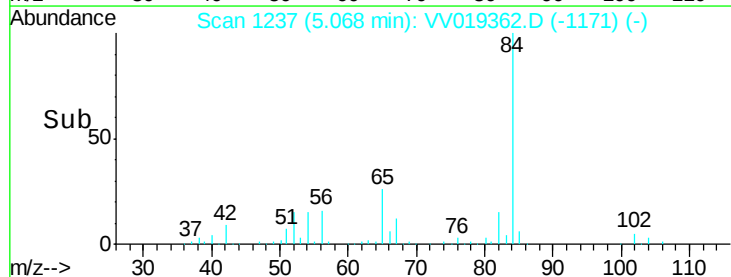
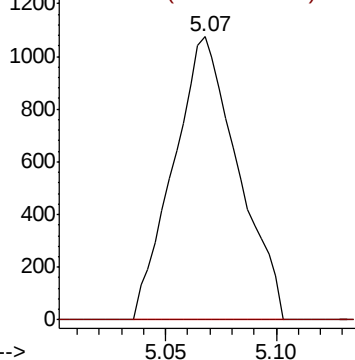
62 100

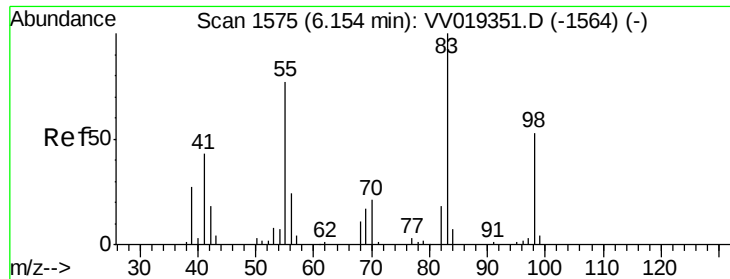
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

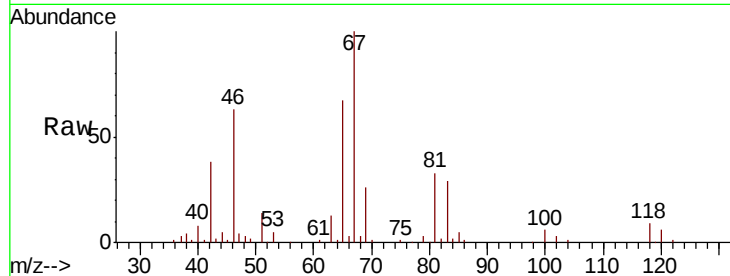




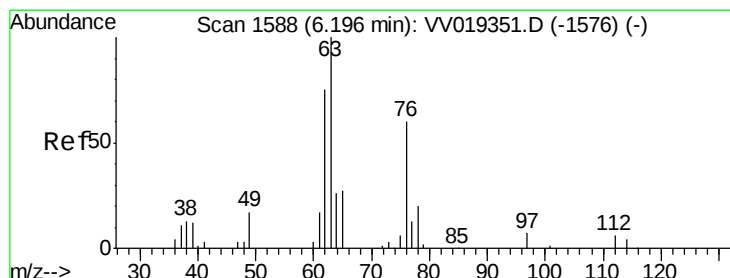
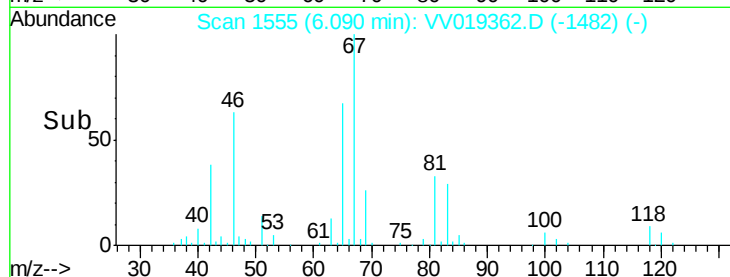
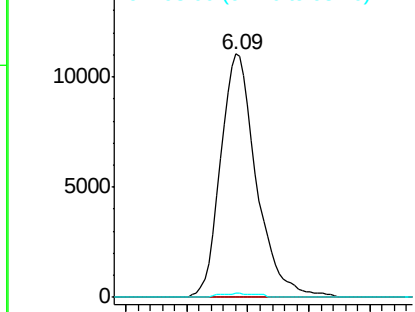
#35
Methvlcvclohexane
Concen: 10.748 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019362.D
Acq: 12 Nov 2020 19:21

Instrument :
MSVOA_V
ClientSampleId :
BG4E7ME

Tot Ion: 83 Resp: 22769
Ion Ratio Lower Upper
83 100
55 0.0 58.6 88.0#
98 0.3 41.4 62.0#

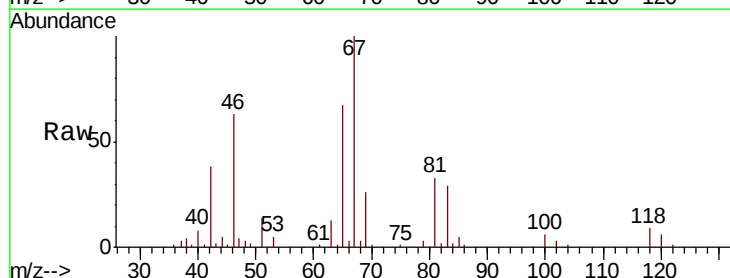


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

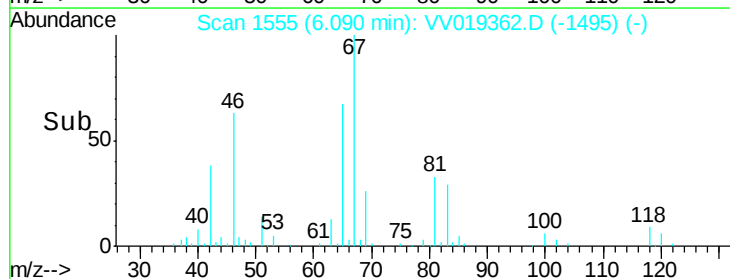
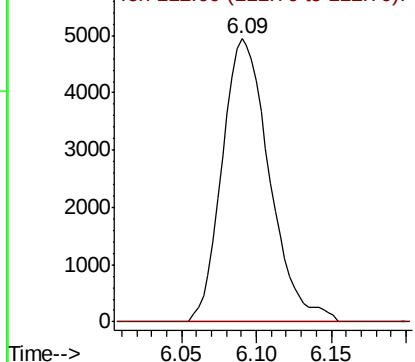


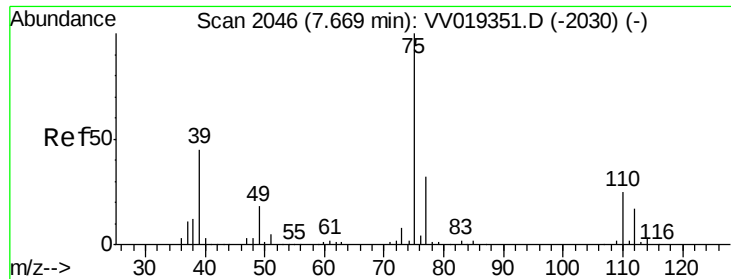
#37
1,2-Dichloropropane
Concen: 7.879 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019362.D
Acq: 12 Nov 2020 19:21

Tgt Ion: 63 Resp: 10884
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



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





#44

trans-1,3-Dichloropropene

Concen: 1.027 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV019362.D

Acq: 12 Nov 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

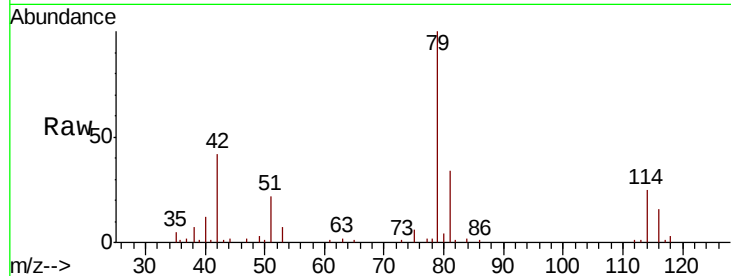
BG4E7ME

Tot Ion: 75 Resp: 2591

Ion Ratio Lower Upper

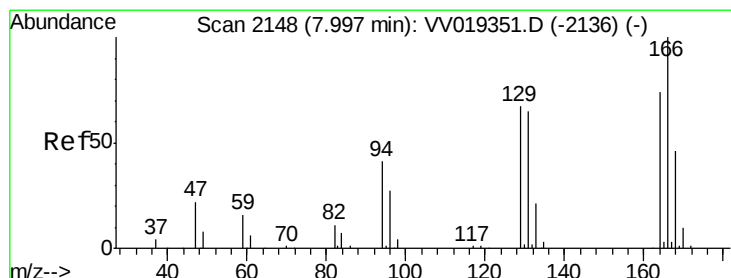
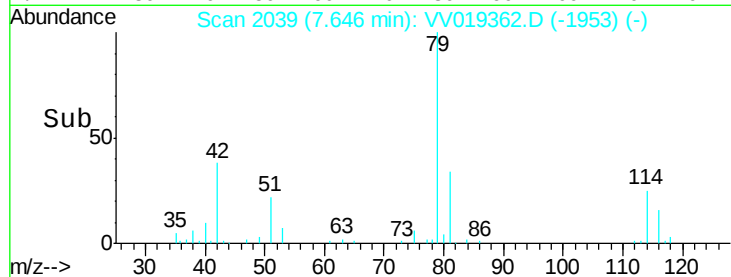
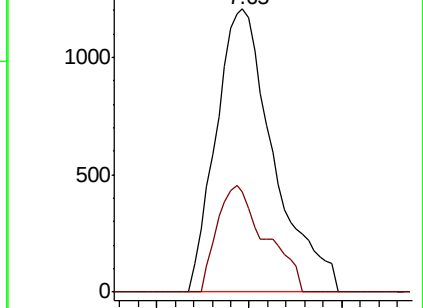
75 100

77 35.4 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV019351.D (-2030) (-)

Ion 77.00 (76.70 to 77.70): VV019351.D (-2030) (-)



#46

Tetrachloroethene

Concen: 5.515 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV019362.D

Acq: 12 Nov 2020 19:21

Tgt Ion:164 Resp: 8327

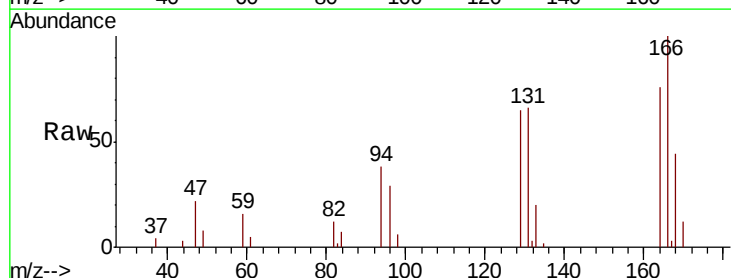
Ion Ratio Lower Upper

164 100

129 85.6 60.9 113.1

131 87.6 58.9 109.5

166 132.2 91.4 169.8

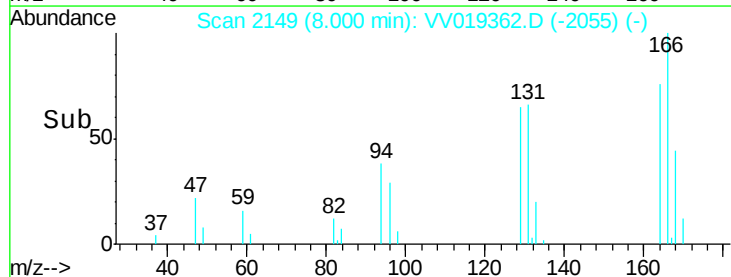
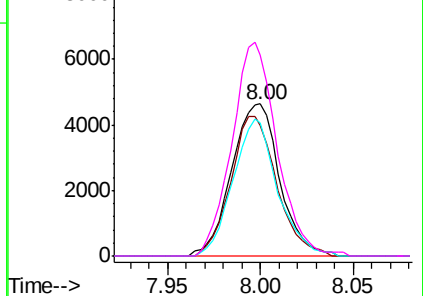


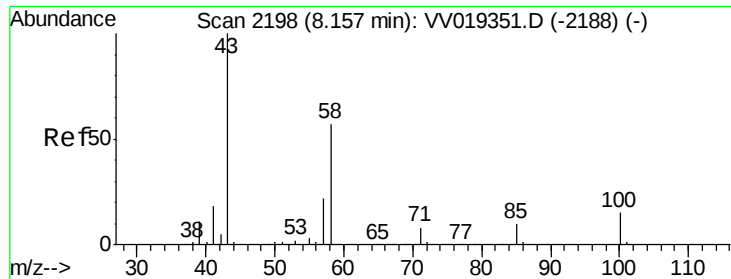
Abundance Ion 164.00 (163.70 to 164.70): VV019351.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV019351.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV019351.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV019351.D (-2136) (-)

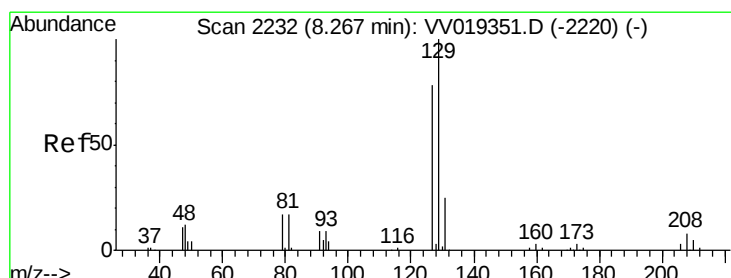
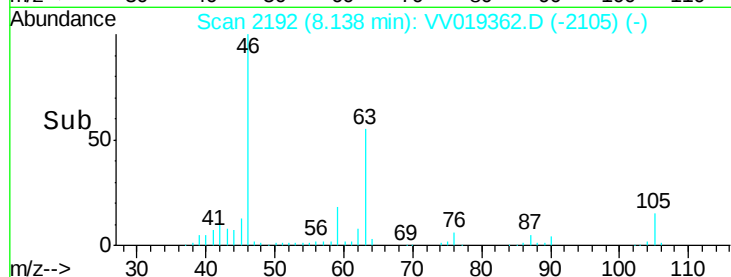
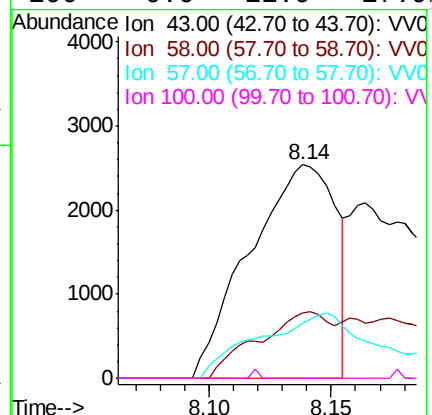
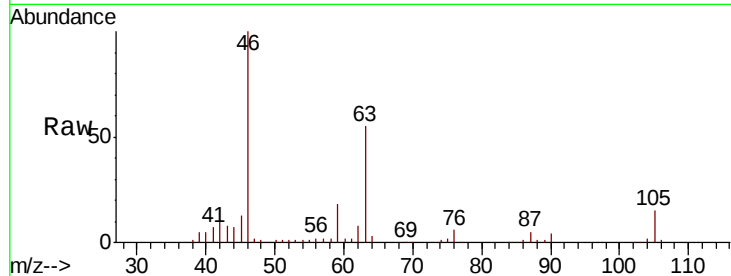




#48
2-Hexanone
Concen: 4.562 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV019362.D
Acq: 12 Nov 2020 19:21

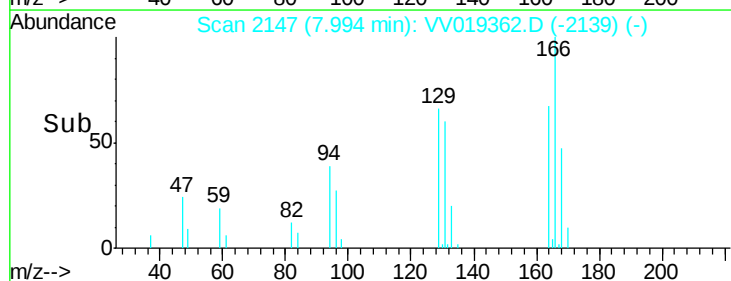
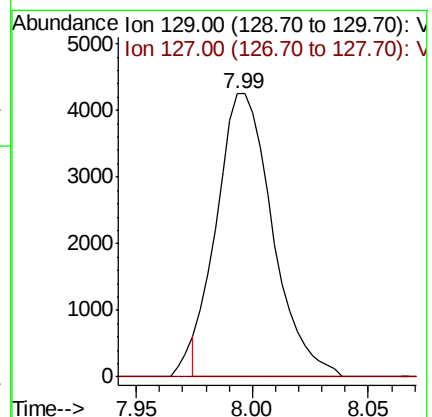
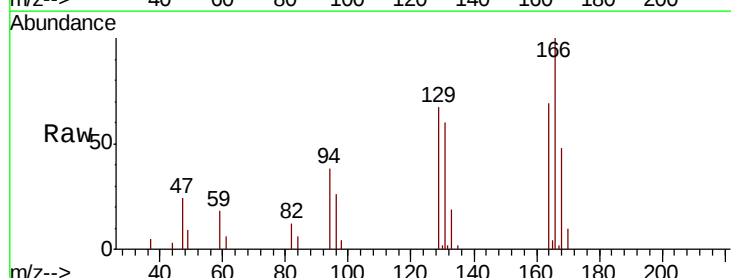
Instrument :
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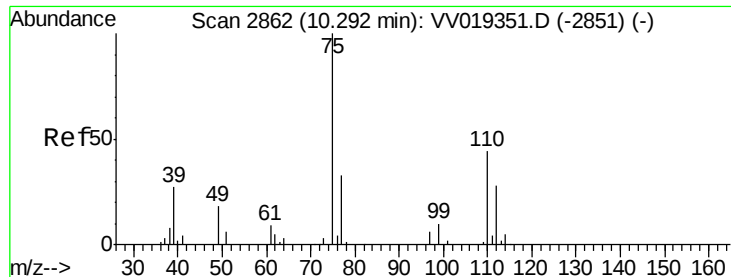
Tot Ion: 43 Resp: 6232
Ion Ratio Lower Upper
43 100
58 9.1 43.6 65.4#
57 39.8 17.2 25.8#
100 0.0 11.9 17.9#



#49
Dibromochloromethane
Concen: 3.686 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV019362.D
Acq: 12 Nov 2020 19:21

Tgt Ion: 129 Resp: 7088
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#





#59

1,2,3-Trichloropropane

Concen: 5.825 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019362.D

Acq: 12 Nov 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

BG4E7ME

Tot Ion: 75 Resp: 10989

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.4

