

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019499.D
 Acq On : 07 Dec 2020 18:53
 Operator : SY/MD
 Sample : L4955-08MEDL10X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K3MEDL

Quant Time: Dec 08 03:06:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282388	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64299	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.14%
7) Chloroethane-d5	1.56	69	91097	51.08	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.16%
11) 1,1-Dichloroethene-d2	2.12	63	180529	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
21) 2-Butanone-d5	3.89	46	151318	112.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.59%
24) Chloroform-d	4.37	84	223400	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
26) 1,2-Dichloroethane-d4	5.05	65	161565	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
32) Benzene-d6	5.07	84	434465	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
36) 1,2-Dichloropropane-d6	6.09	67	149627	56.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.06%
41) Toluene-d8	7.33	98	363041	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%
43) trans-1,3-Dichloropropene-	7.64	79	68163	53.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.96%
47) 2-Hexanone-d5	8.10	63	83746	106.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.92%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	166387	52.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	132346	59.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.18%

Target Compounds

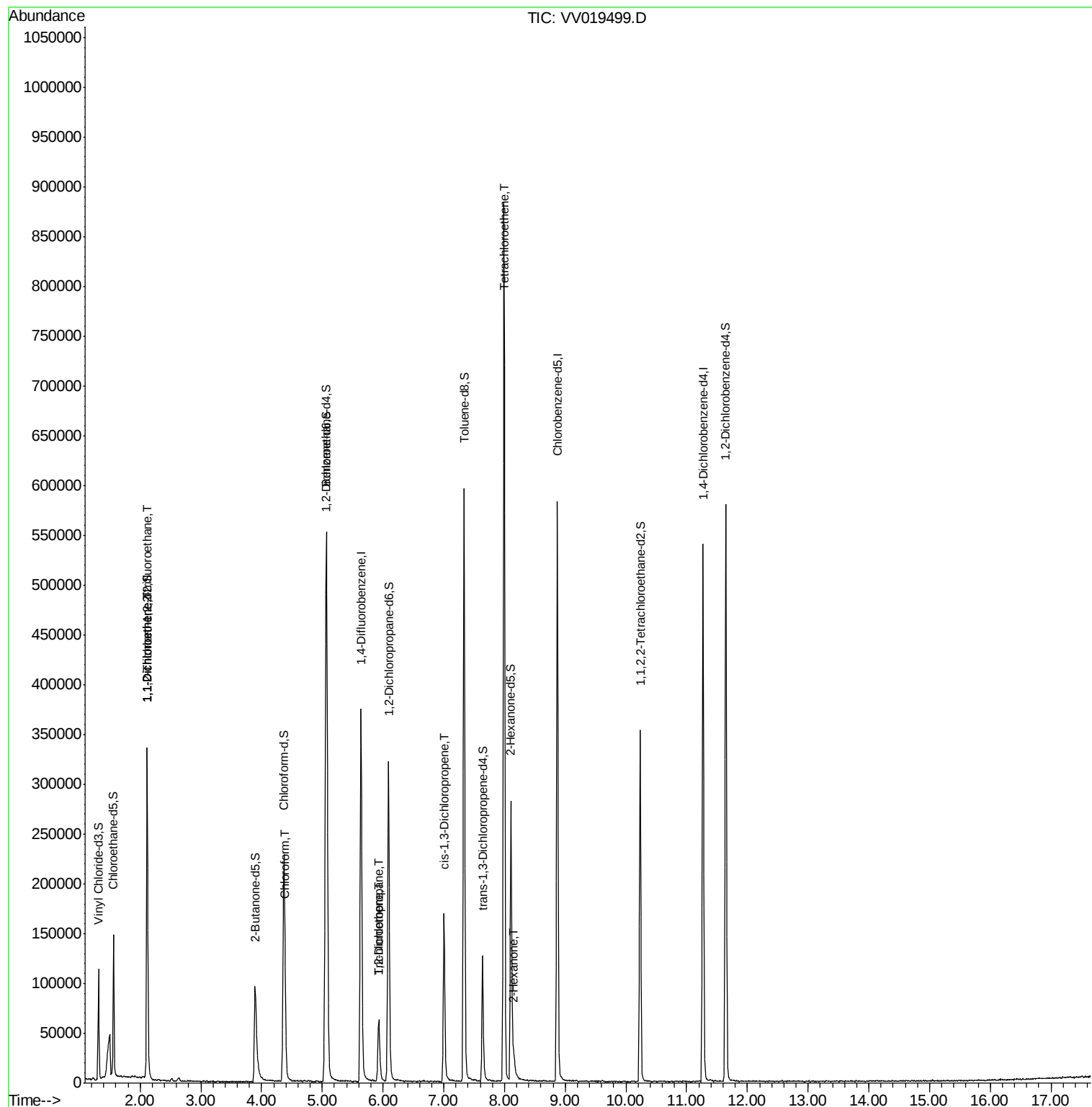
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1578	0.983 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1448	0.961 ug/L #	1
25) Chloroform	4.40	83	4604	1.157 ug/L	83
34) Trichloroethene	5.94	95	12821	5.744 ug/L	96
37) 1,2-Dichloropropane	5.92	63	2217	0.934 ug/L	98
39) cis-1,3-Dichloropropene	7.00	75	4431	1.330 ug/L #	66
46) Tetrachloroethene	7.99	164	174483	129.762 ug/L	98
48) 2-Hexanone	8.15	43	11700	4.135 ug/L #	70

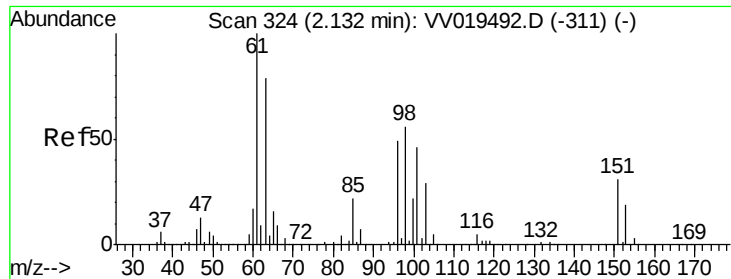
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 08 03:05:02 2020
Response via : Initial Calibration





#10

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

Concen: 0.983 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019499.D

Acq: 07 Dec 2020 18:53

Instrument :

MSVOA_V

ClientSampled :

BG4K3MEDL

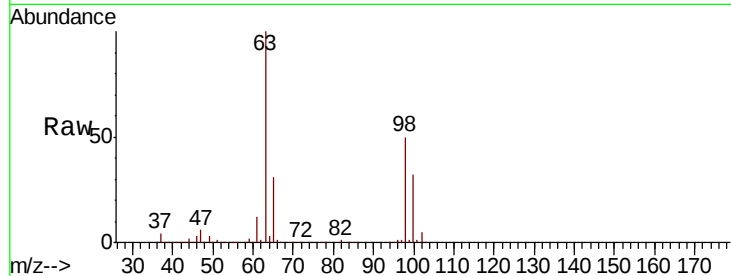
Tot Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 2.7 37.3 55.9#

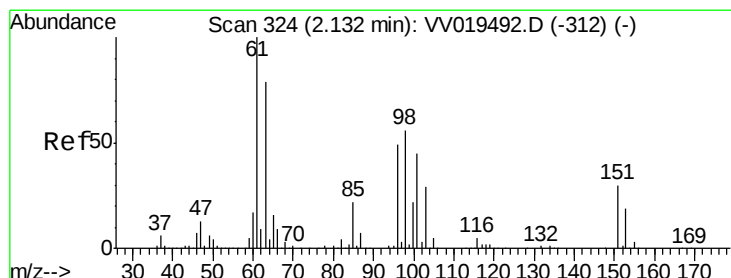
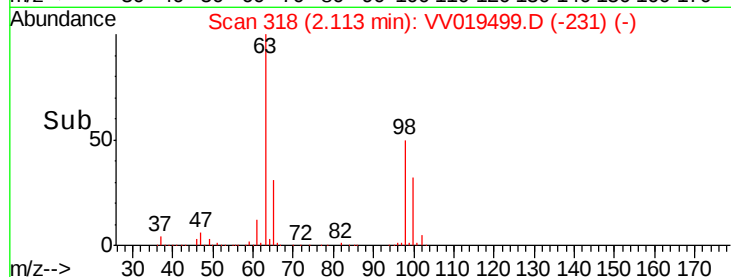
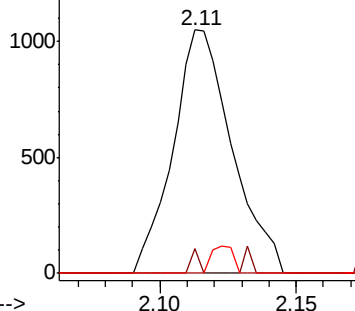
151 4.1 53.3 79.9#



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



#12

1,1-Dichloroethene

Concen: 0.961 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019499.D

Acq: 07 Dec 2020 18:53

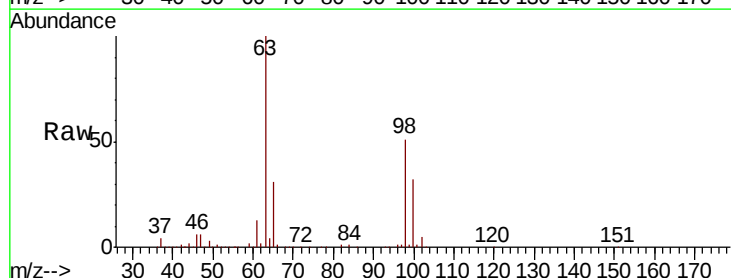
Tgt Ion: 96 Resp: 1448

Ion Ratio Lower Upper

96 100

61 1439.0 144.8 268.8#

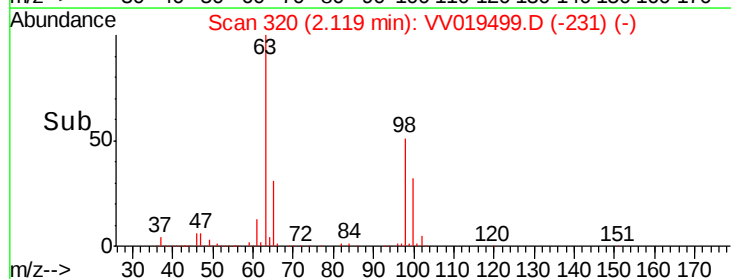
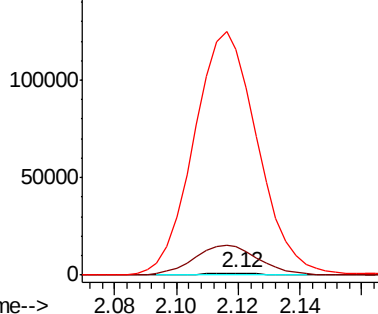
63 11508.7 110.0 204.2#

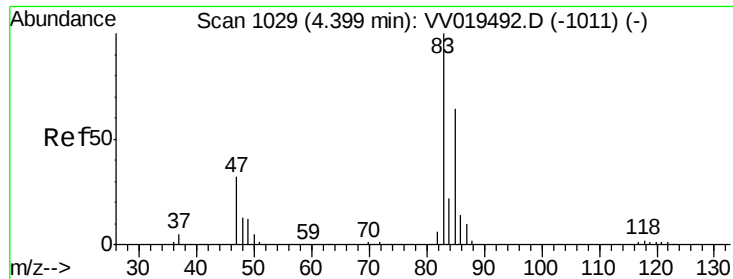


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

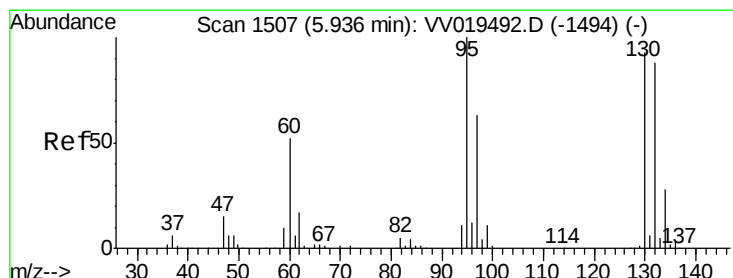
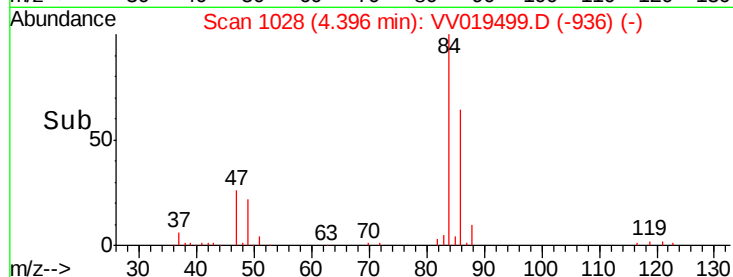
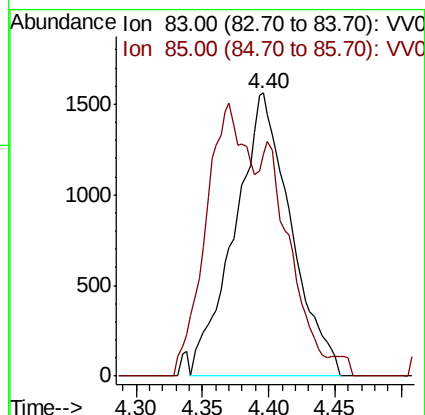
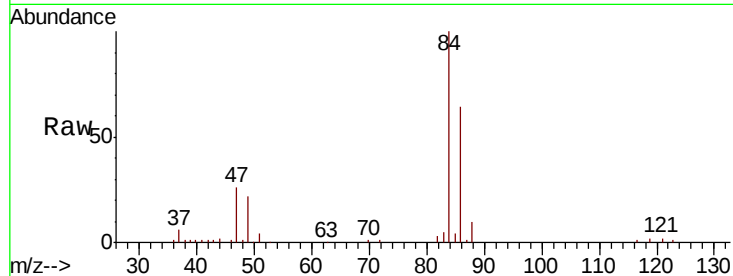




#25
Chloroform
Concen: 1.157 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV019499.D
Acq: 07 Dec 2020 18:53

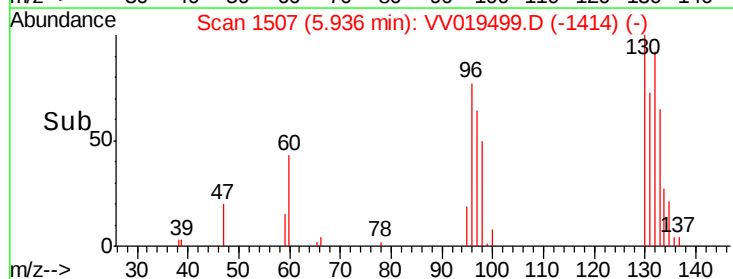
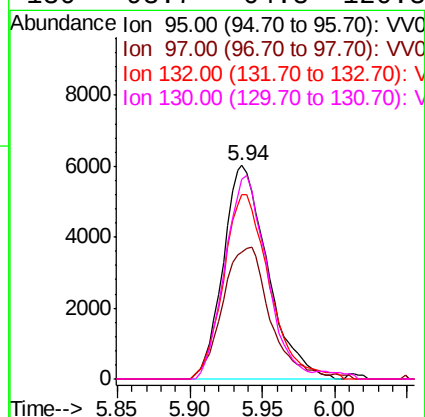
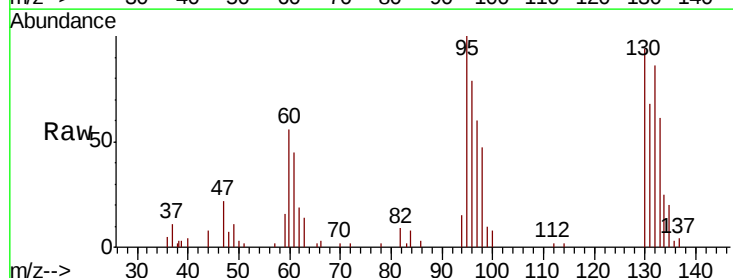
Instrument :
MSVOA_V
ClientSampled :
BG4K3MEDL

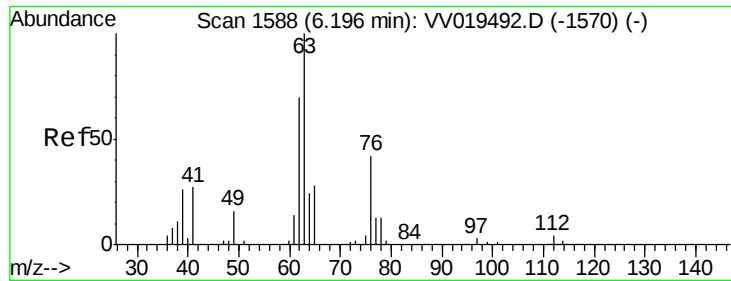
Tot Ion: 83 Resp: 4604
Ion Ratio Lower Upper
83 100
85 78.3 45.4 84.2



#34
Trichloroethene
Concen: 5.744 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV019499.D
Acq: 07 Dec 2020 18:53

Tgt Ion: 95 Resp: 12821
Ion Ratio Lower Upper
95 100
97 59.6 45.5 84.5
132 86.3 62.9 116.9
130 93.7 64.8 120.3

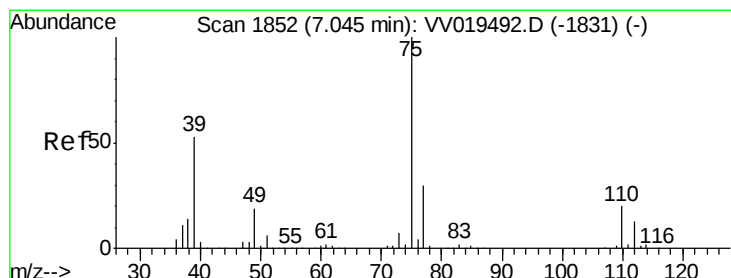
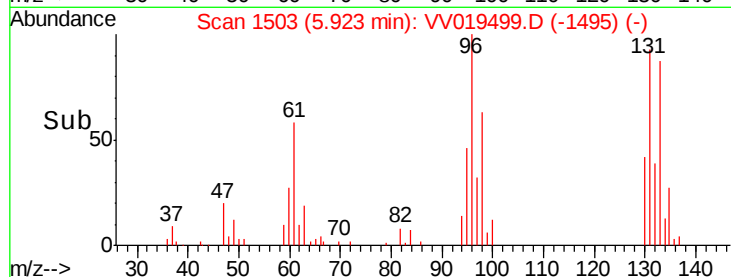
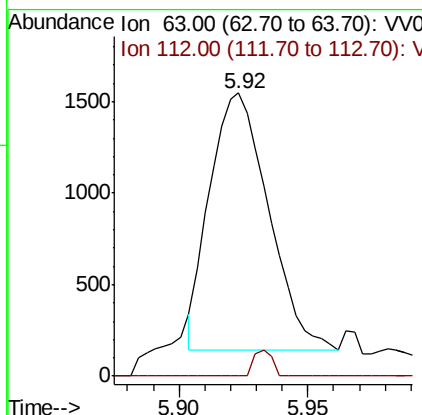
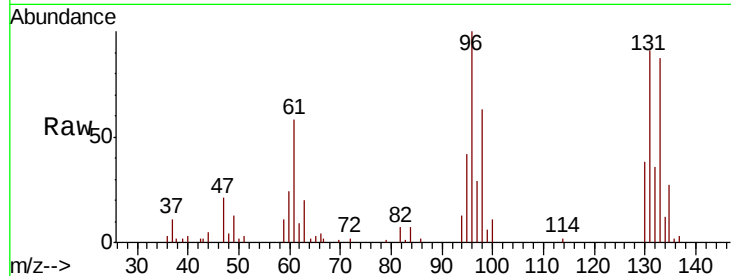




#37
 1,2-Dichloropropane
 Concen: 0.934 ug/L
 RT: 5.92 min Scan# 1503
 Delta R.T. -0.27 min
 Lab File: VV019499.D
 Acq: 07 Dec 2020 18:53

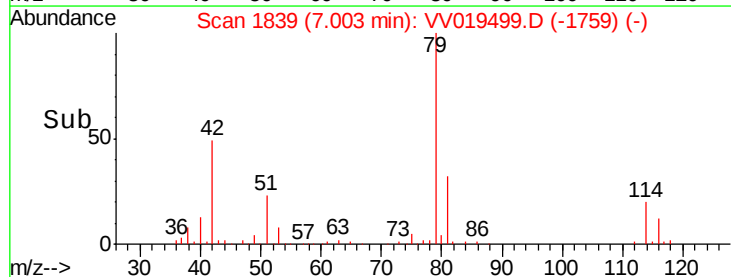
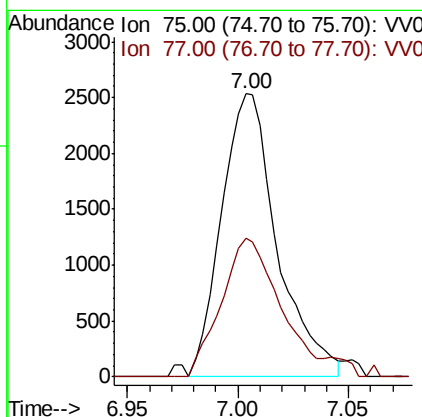
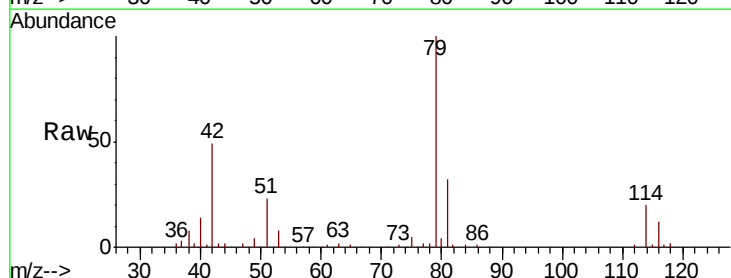
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K3MEDL

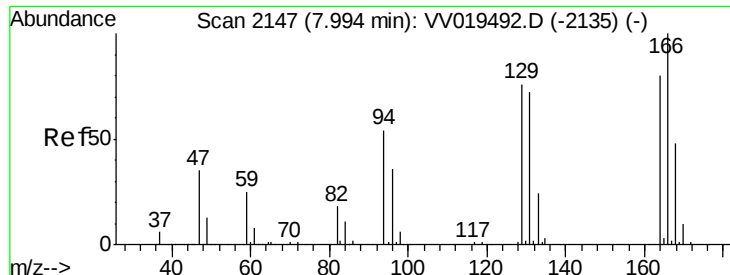
Tot Ion: 63 Resp: 2217
 Ion Ratio Lower Upper
 63 100
 112 3.2 3.1 4.7



#39
 cis-1,3-Dichloropropene
 Concen: 1.330 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019499.D
 Acq: 07 Dec 2020 18:53

Tgt Ion: 75 Resp: 4431
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.4 39.8#





#46

Tetrachloroethene

Concen: 129.762 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019499.D

Acq: 07 Dec 2020 18:53

Instrument :

MSVOA_V

ClientSampleId :

BG4K3MEDL

Tot Ion:164 Resp: 174483

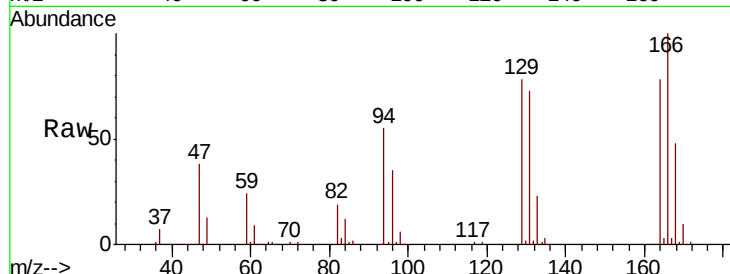
Ion Ratio Lower Upper

164 100

129 99.2 68.4 127.0

131 93.8 65.6 121.8

166 127.7 86.4 160.4

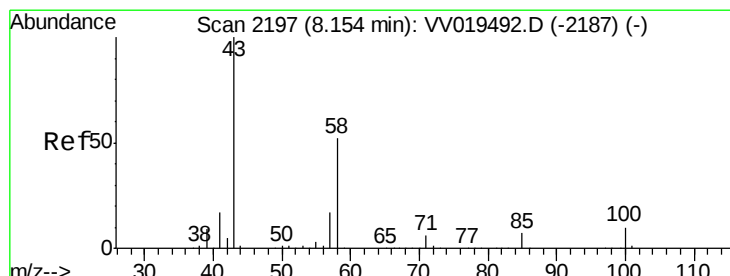
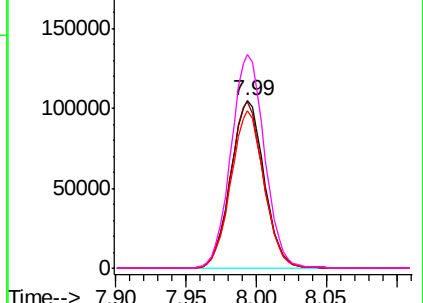
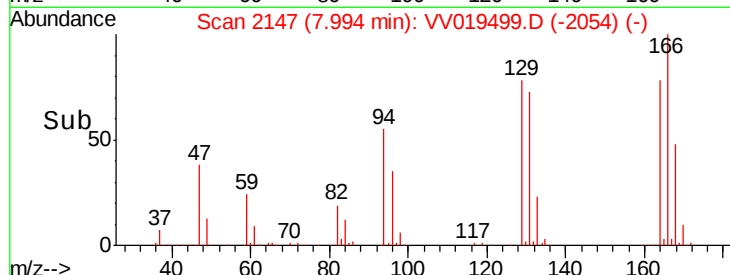


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.135 ug/L

RT: 8.15 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VV019499.D

Acq: 07 Dec 2020 18:53

Tgt Ion: 43 Resp: 11700

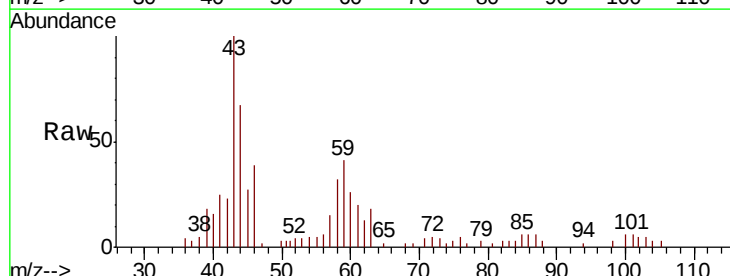
Ion Ratio Lower Upper

43 100

58 21.1 41.0 61.6#

57 16.9 14.2 21.2

100 7.1 8.0 12.0#



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

