

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019502.D
 Acq On : 07 Dec 2020 20:09
 Operator : SY/MD
 Sample : L4955-09ME
 Misc : 5.20µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K4ME

Quant Time: Dec 08 03:07:01 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	5.63	114	300481	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47611	25.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.90%#
7) Chloroethane-d5	1.55	69	116162	61.21	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.42%
11) 1,1-Dichloroethene-d2	2.09	63	175091	40.45	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	3.91	46	147188	102.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.37	84	218924	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.05	65	165628	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.76%
32) Benzene-d6	5.06	84	450576	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
36) 1,2-Dichloropropane-d6	6.09	67	152390	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.34%
41) Toluene-d8	7.33	98	382782	52.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.64	79	70324	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
47) 2-Hexanone-d5	8.13	63	87445	103.06	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176116	51.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	139075	56.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.70%

Target Compounds

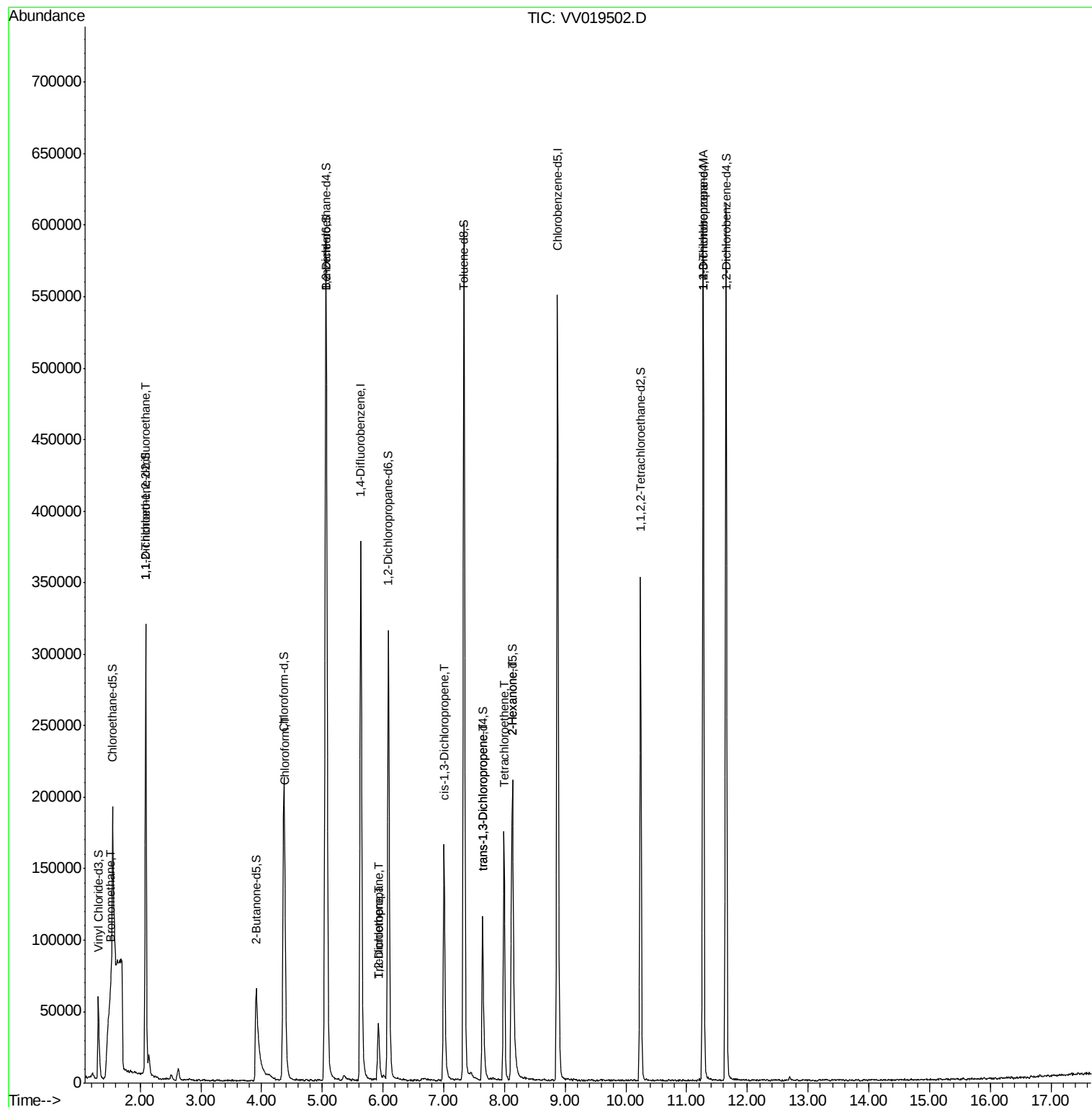
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.51	94	1820	1.149	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1588	0.929	ug/L #	25
25) Chloroform	4.39	83	12843	3.033	ug/L	99
34) Trichloroethene	5.93	95	3510	1.452	ug/L	86
37) 1,2-Dichloropropane	5.92	63	1823	0.709	ug/L	100
39) cis-1,3-Dichloropropene	7.00	75	4634	1.284	ug/L #	54
44) trans-1,3-Dichloropropene	7.64	75	3635	0.993	ug/L #	82
46) Tetrachloroethene	7.99	164	34899	23.959	ug/L	97
48) 2-Hexanone	8.14	43	13994	4.566	ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	20999	6.592	ug/L	90

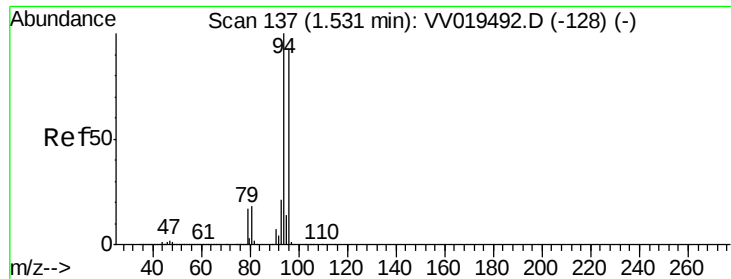
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Bromomethane

Concen: 1.149 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.03 min

Lab File: VV019502.D

Acq: 07 Dec 2020 20:09

Instrument :

MSVOA_V

ClientSampleId :

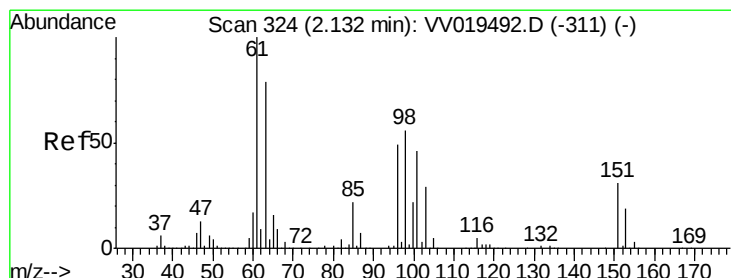
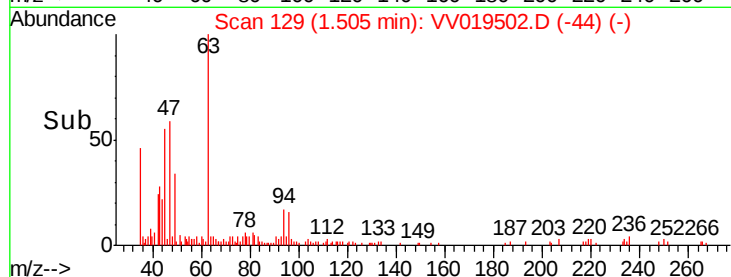
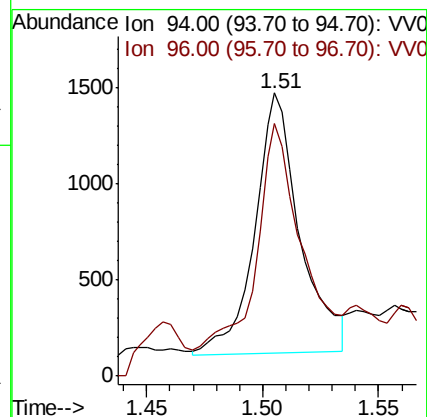
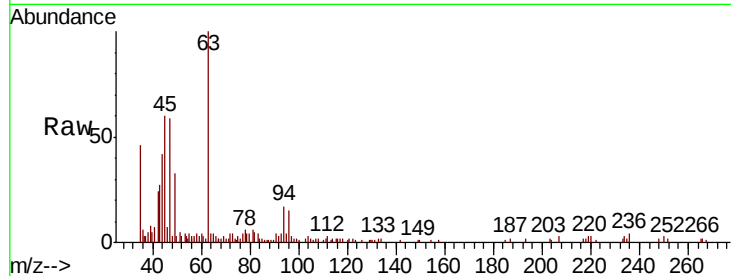
BG4K4ME

Tot Ion: 94 Resp: 1820

Ion Ratio Lower Upper

94 100

96 89.2 65.3 121.3



#10

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

Concen: 0.929 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV019502.D

Acq: 07 Dec 2020 20:09

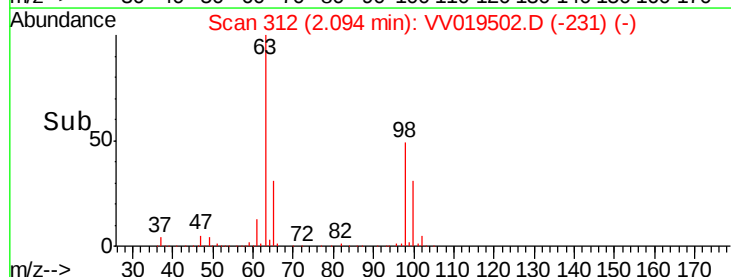
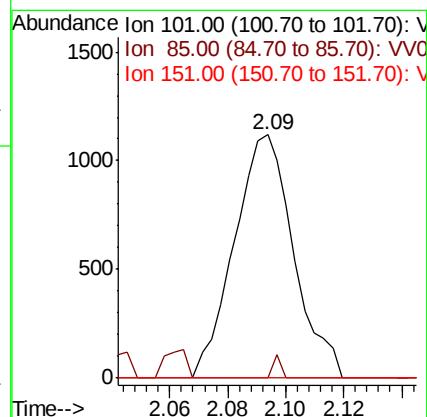
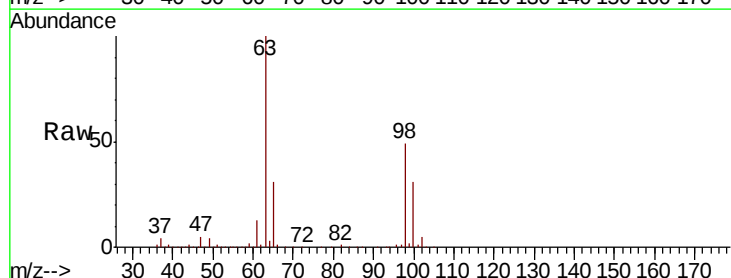
Tgt Ion:101 Resp: 1588

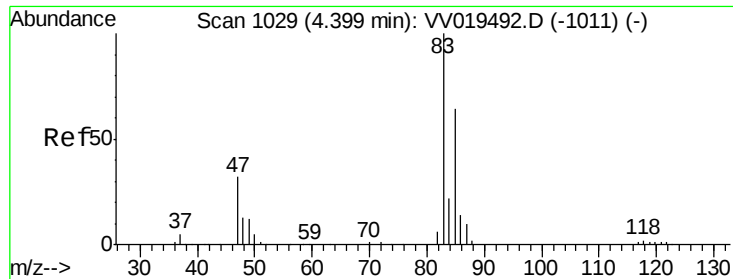
Ion Ratio Lower Upper

101 100

85 4.3 37.3 55.9#

151 0.0 53.3 79.9#

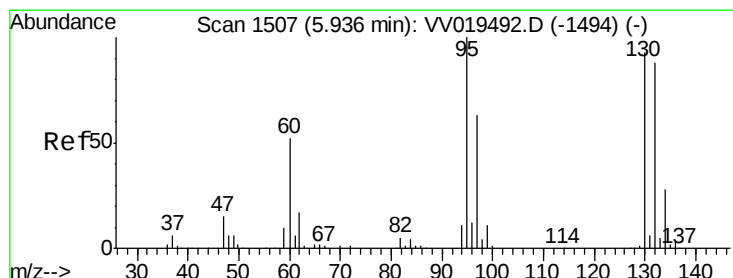
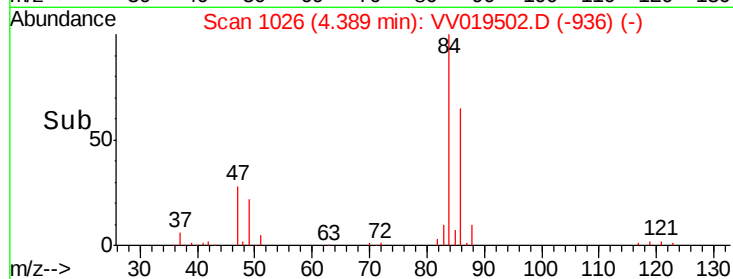
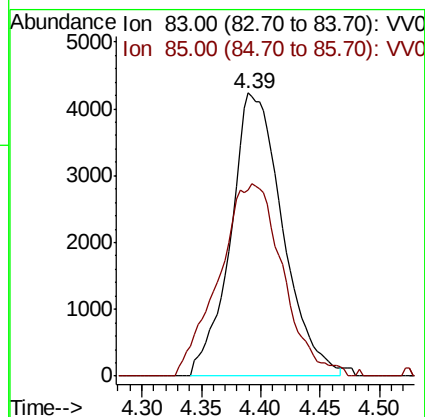
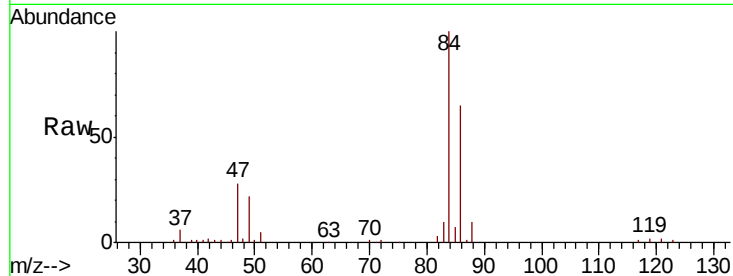




#25
Chloroform
Concen: 3.033 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

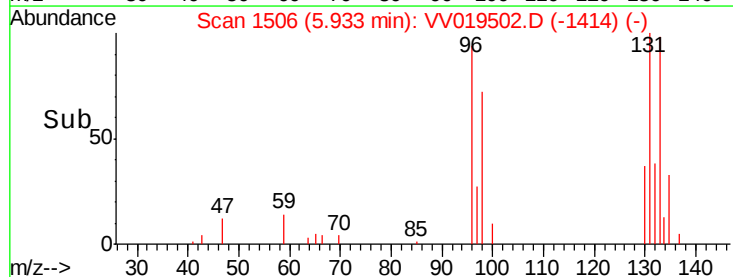
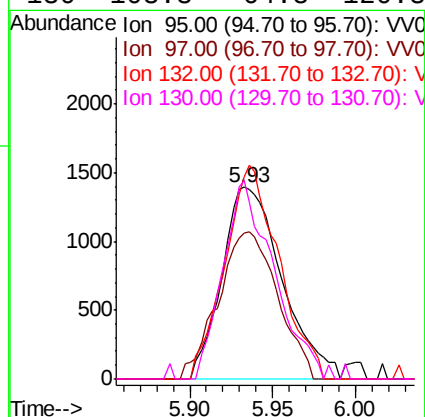
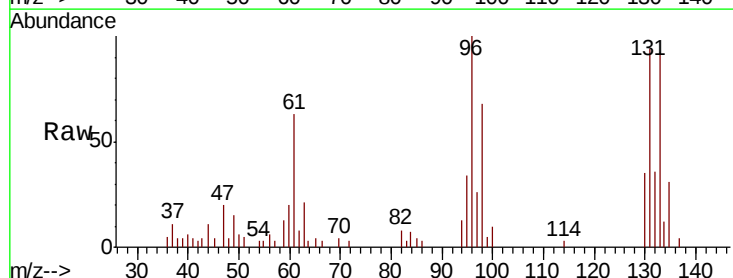
Instrument :
MSVOA_V
ClientSampleId :
BG4K4ME

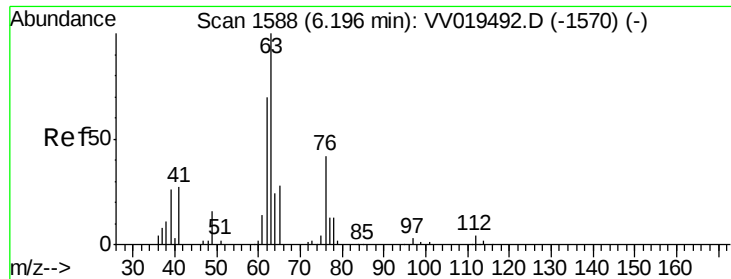
Tot Ion: 83 Resp: 12843
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.2



#34
Trichloroethene
Concen: 1.452 ug/L
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

Tgt Ion: 95 Resp: 3510
Ion Ratio Lower Upper
95 100
97 76.0 45.5 84.5
132 105.6 62.9 116.9
130 103.3 64.8 120.3

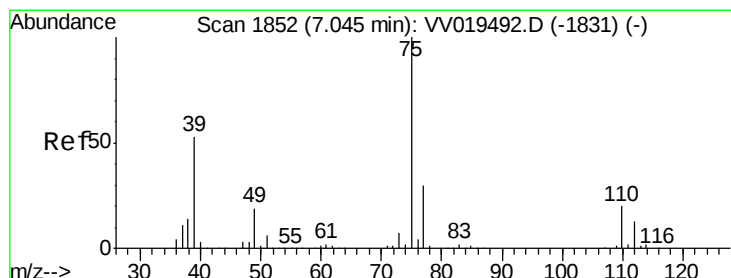
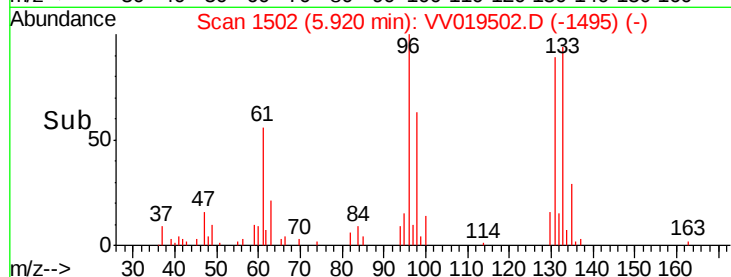
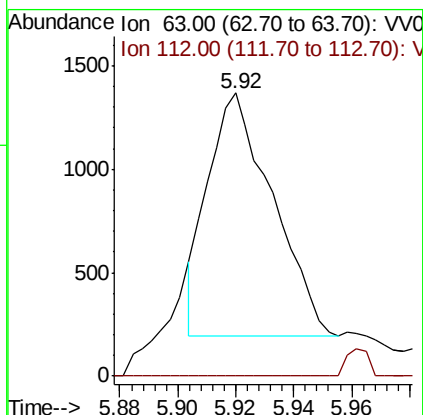
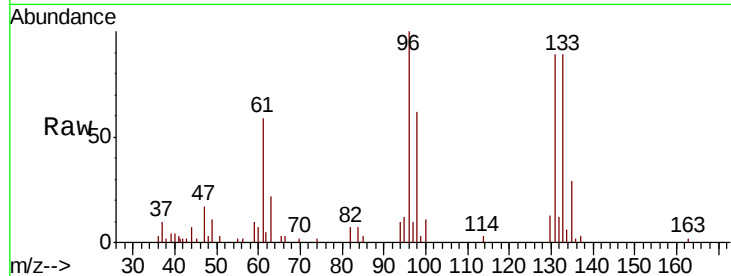




#37
 1,2-Dichloropropane
 Concen: 0.709 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. -0.28 min
 Lab File: VV019502.D
 Acq: 07 Dec 2020 20:09

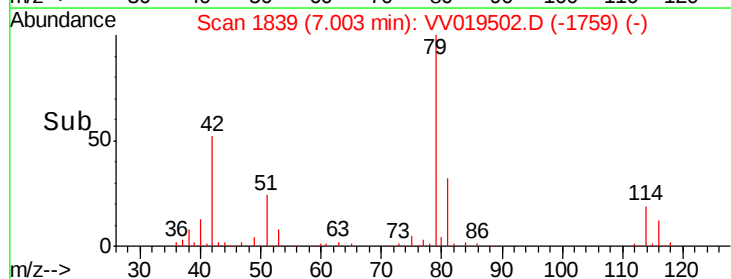
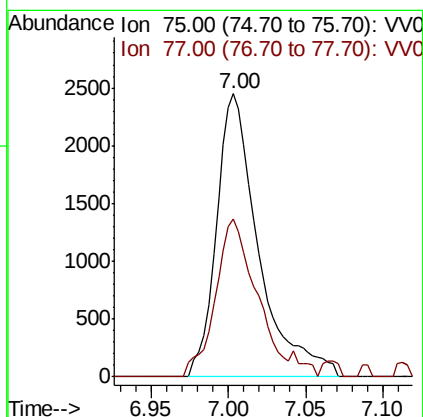
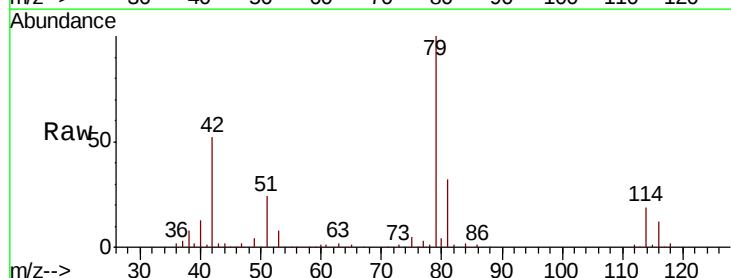
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4K4ME

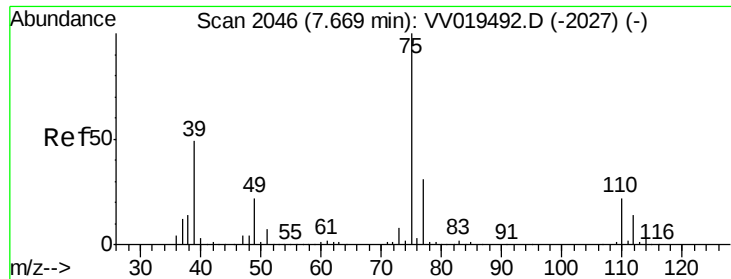
Tot Ion: 63 Resp: 1823
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.1 4.7



#39
 cis-1,3-Dichloropropene
 Concen: 1.284 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019502.D
 Acq: 07 Dec 2020 20:09

Tgt Ion: 75 Resp: 4634
 Ion Ratio Lower Upper
 75 100
 77 55.8 21.4 39.8#

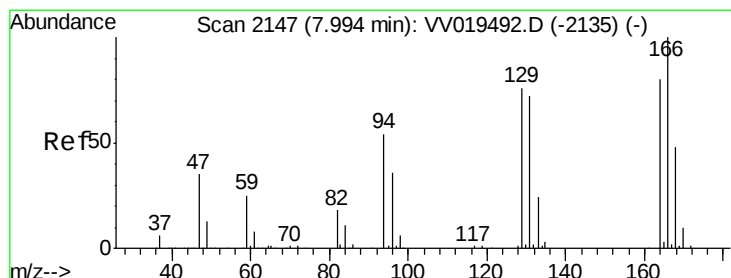
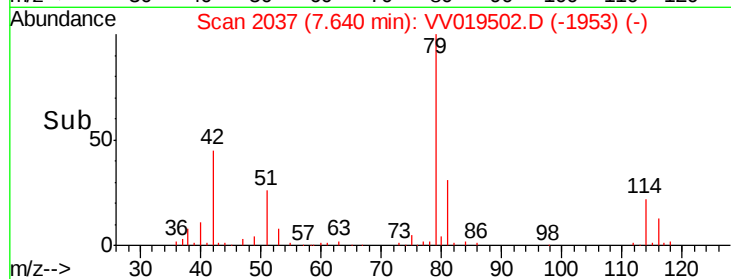
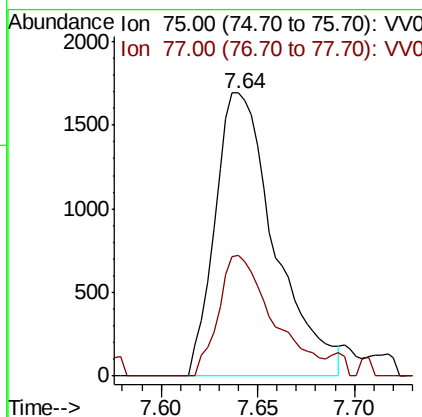
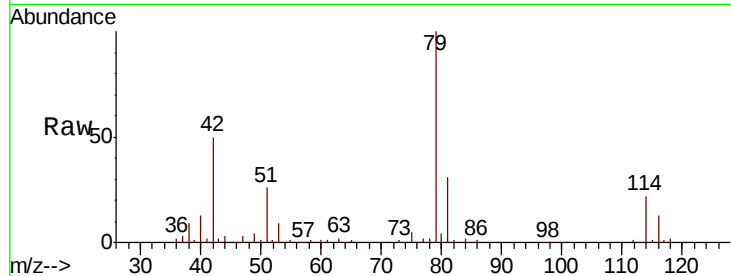




#44
trans-1,3-Dichloropropene
Concen: 0.993 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

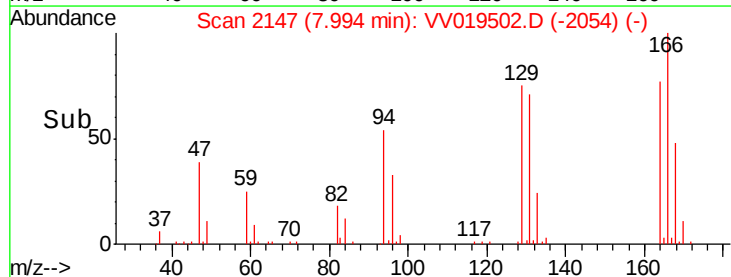
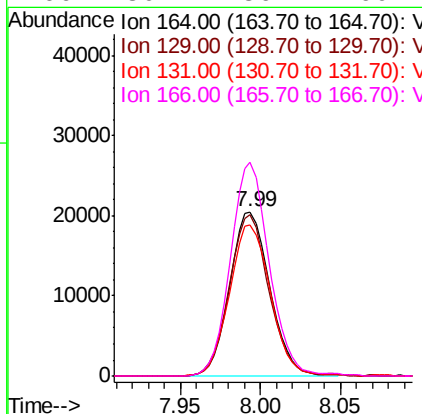
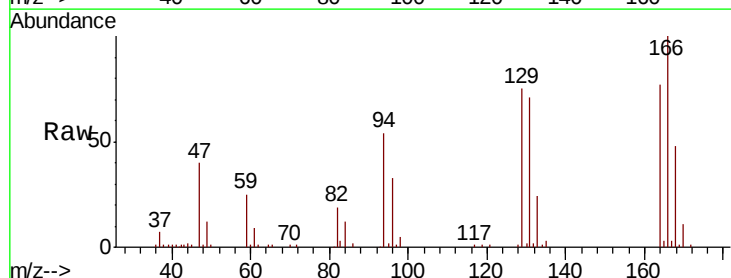
Instrument :
MSVOA_V
ClientSampleId :
BG4K4ME

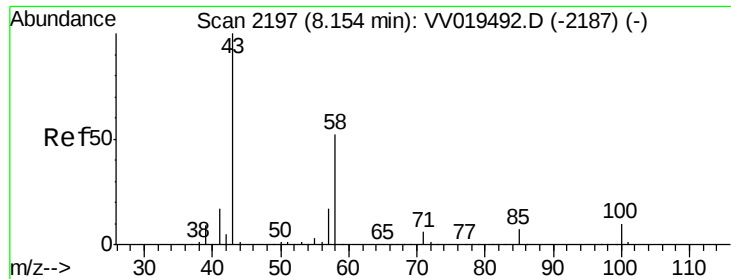
Tot Ion: 75 Resp: 3635
Ion Ratio Lower Upper
75 100
77 42.6 22.7 42.1#



#46
Tetrachloroethene
Concen: 23.959 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

Tgt Ion:164 Resp: 34899
Ion Ratio Lower Upper
164 100
129 97.9 68.4 127.0
131 92.0 65.6 121.8
166 130.1 86.4 160.4

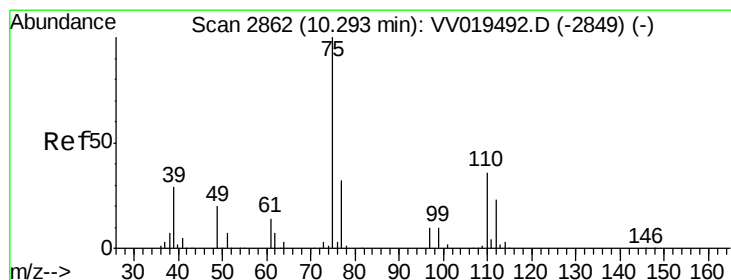
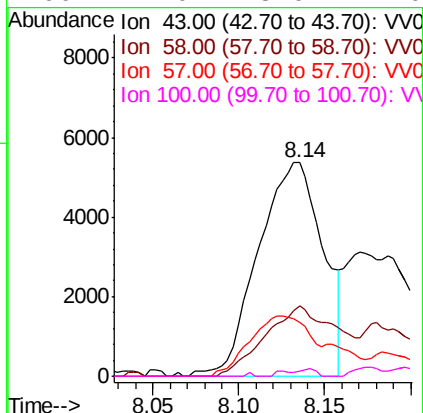
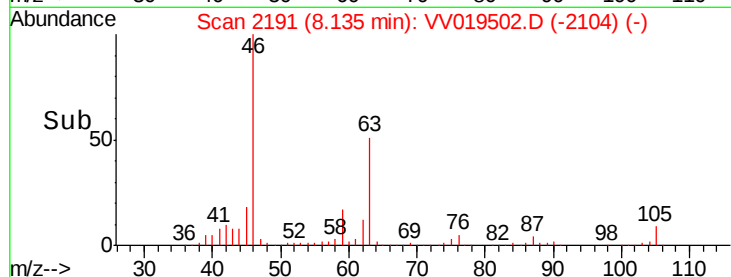
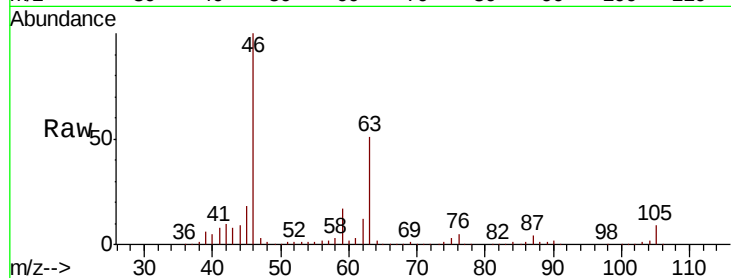




#48
2-Hexanone
Concen: 4.566 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

Instrument :
MSVOA_V
ClientSampleId :
BG4K4ME

Tot Ion: 43 Resp: 13994
Ion Ratio Lower Upper
43 100
58 37.6 41.0 61.6#
57 0.0 14.2 21.2#
100 1.0 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 6.592 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV019502.D
Acq: 07 Dec 2020 20:09

Tgt Ion: 75 Resp: 20999
Ion Ratio Lower Upper
75 100
77 37.2 25.5 38.3

