

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019102.D
 Acq On : 23 Oct 2020 19:17
 Operator : SY/MD
 Sample : L4471-20RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269729	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268832	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127366	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101029	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.58	69	85046	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.12	63	161267	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	3.91	46	145871	88.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.38	84	194036	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.06	65	138070	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
32) Benzene-d6	5.08	84	372774	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
36) 1,2-Dichloropropane-d6	6.09	67	118017	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.60%
41) Toluene-d8	7.34	98	330086	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	7.64	79	58408	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.58%
47) 2-Hexanone-d5	8.11	63	100685	86.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151266	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	134916	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

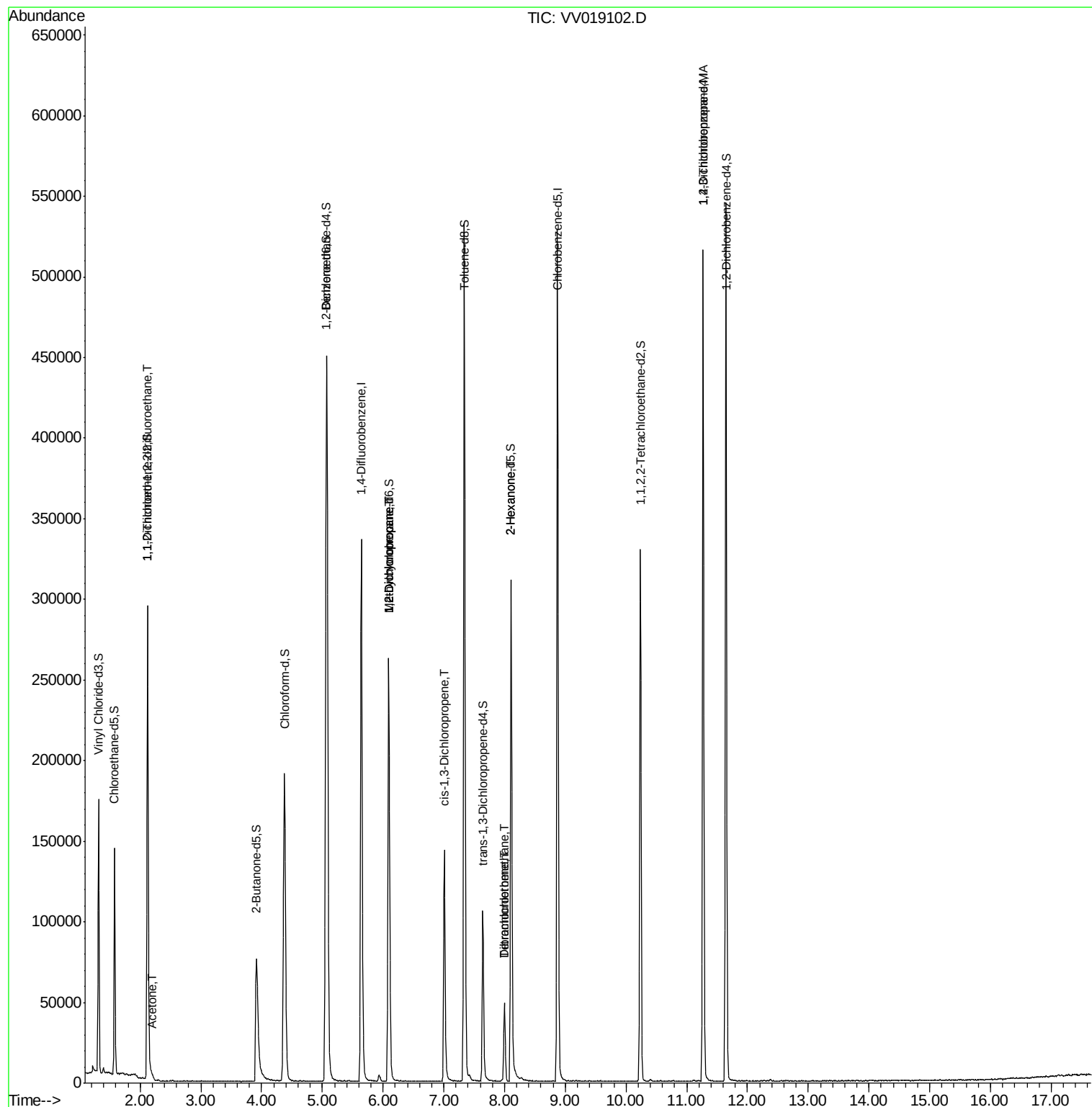
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1277	0.709 ug/L #	20
13) Acetone	2.20	43	4861	4.352 ug/L	69
35) Methylcyclohexane	6.09	83	28606	10.053 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	14497	6.399 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3789	1.132 ug/L #	70
46) Tetrachloroethene	8.00	164	11242	7.044 ug/L	96
48) 2-Hexanone	8.11	43	13223	5.606 ug/L #	69
49) Dibromochloromethane	8.00	129	10334	4.725 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	14598	5.510 ug/L #	87

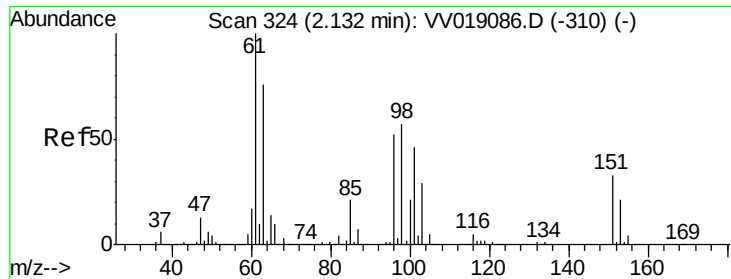
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.709 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019102.D

Acq: 23 Oct 2020 19:17

Instrument :

MSVOA_V

ClientSampled :

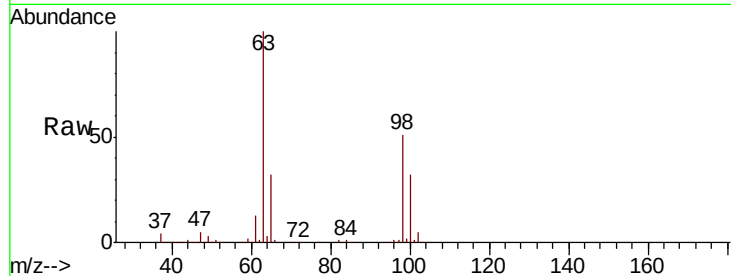
Tot Ion:101 Resp: 1277

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

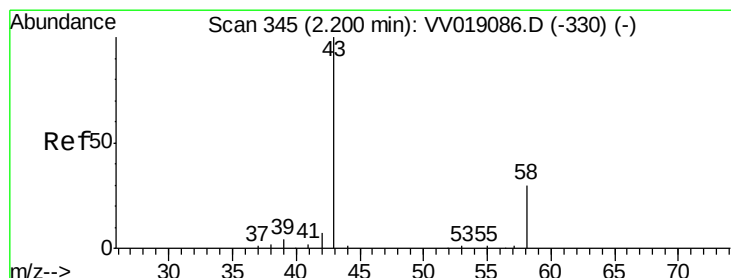
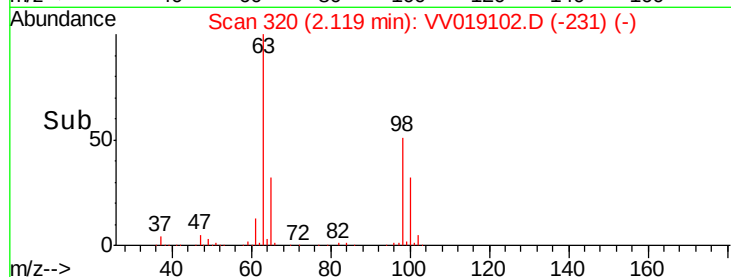
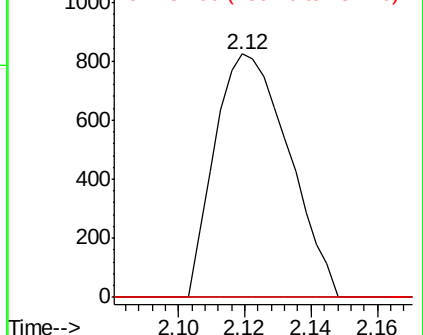
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 4.352 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV019102.D

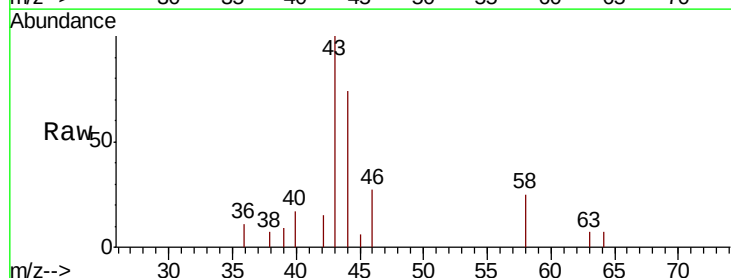
Acq: 23 Oct 2020 19:17

Tgt Ion: 43 Resp: 4861

Ion Ratio Lower Upper

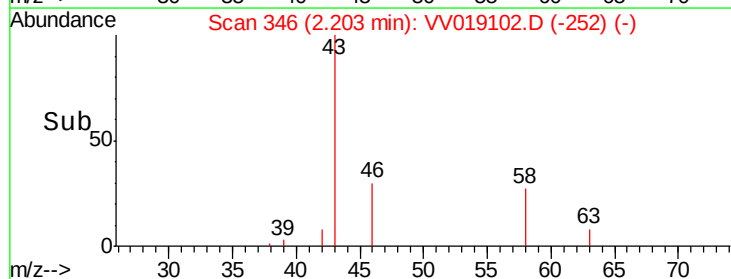
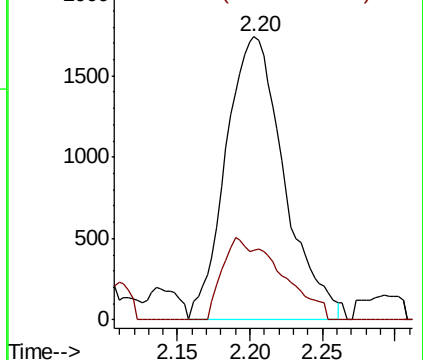
43 100

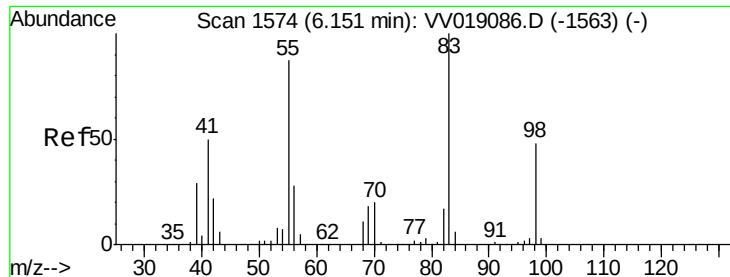
58 13.2 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

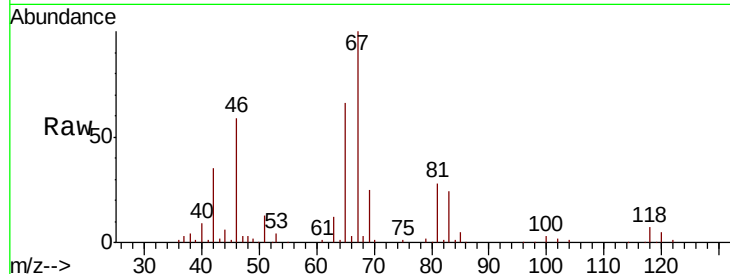




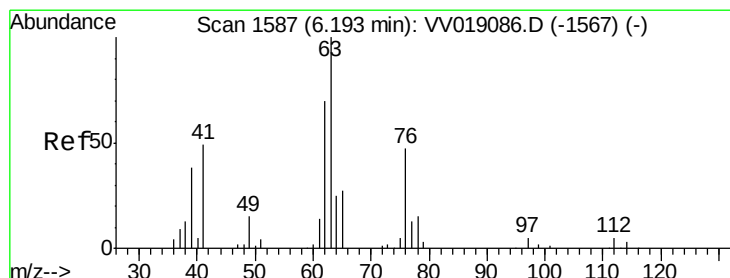
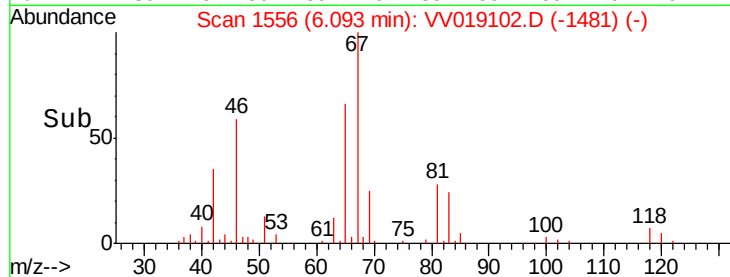
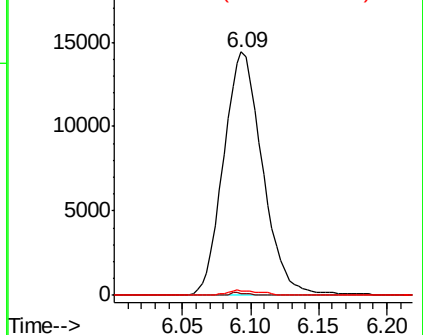
#35
Methylvlcyclohexane
Concen: 10.053 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019102.D
Acq: 23 Oct 2020 19:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 28606
Ion Ratio Lower Upper
83 100
55 0.4 68.1 102.1#
98 1.7 37.9 56.9#

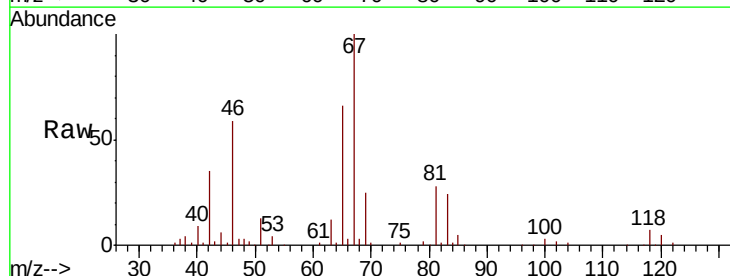


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

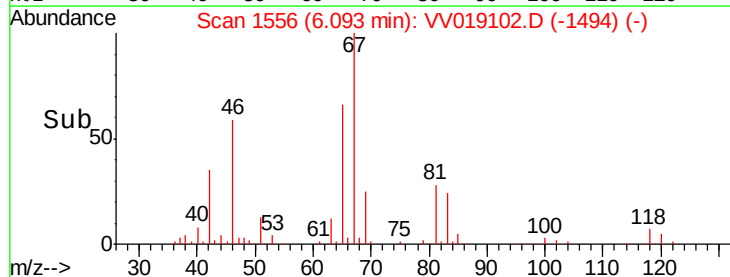
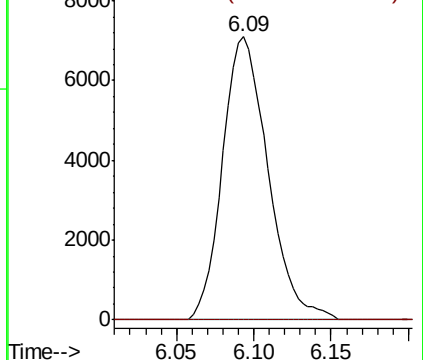


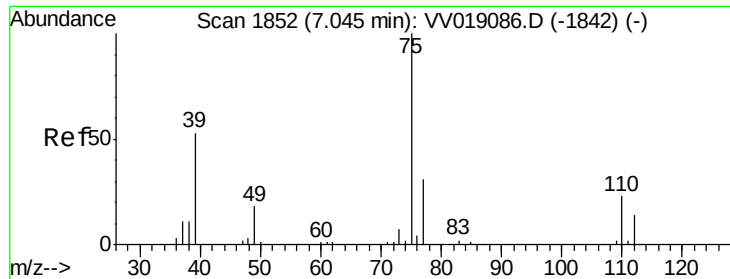
#37
1,2-Dichloropropane
Concen: 6.399 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019102.D
Acq: 23 Oct 2020 19:17

Tgt Ion: 63 Resp: 14497
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

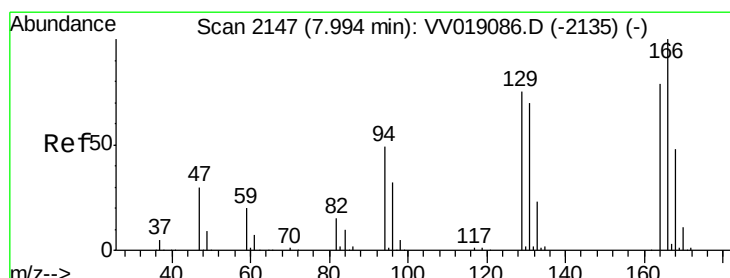
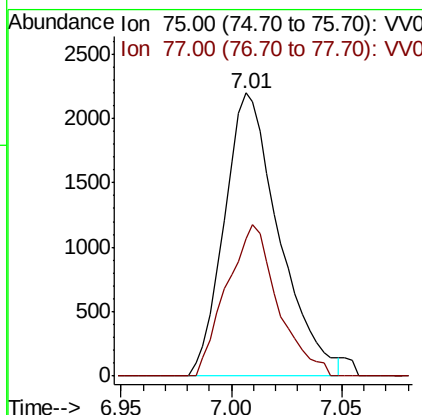
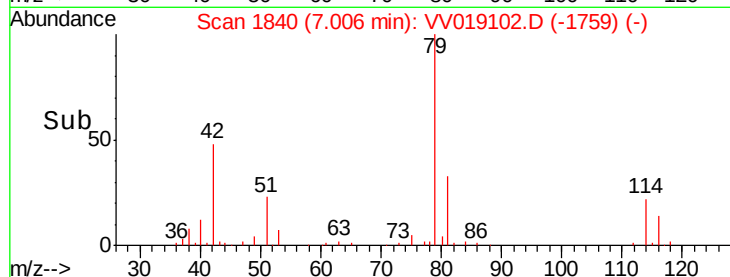
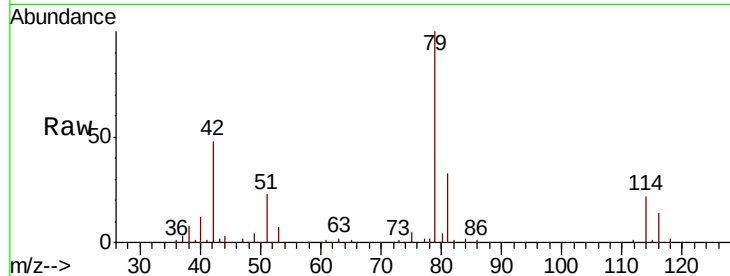




#39
 cis-1,3-Dichloropropene
 Concen: 1.132 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019102.D
 Acq: 23 Oct 2020 19:17

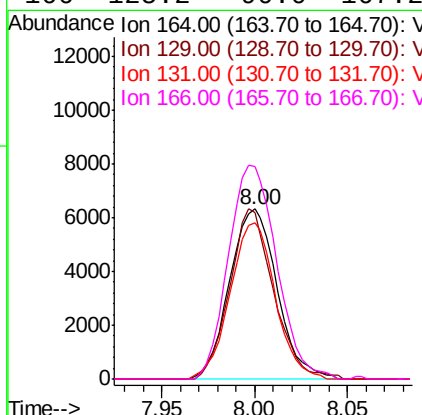
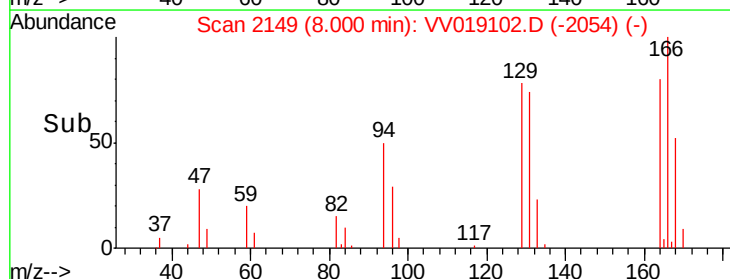
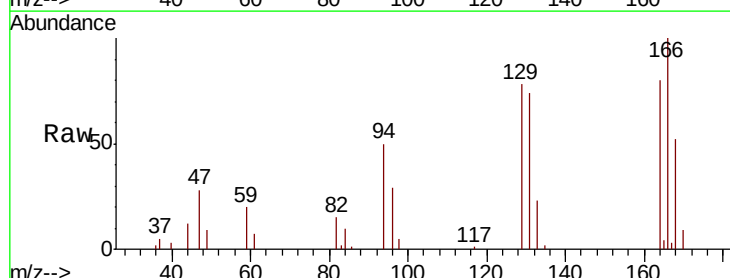
Instrument :
 MSVOA_V
 ClientSampleID :

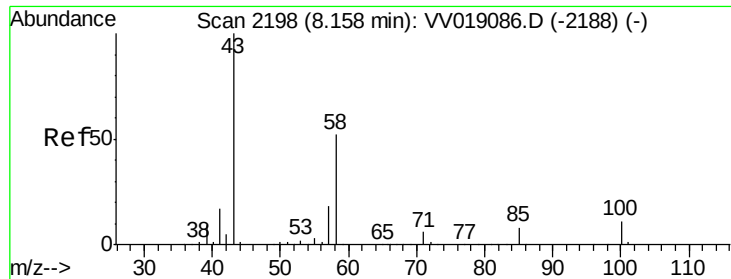
Tot Ion: 75 Resp: 3789
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 7.044 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV019102.D
 Acq: 23 Oct 2020 19:17

Tgt Ion: 164 Resp: 11242
 Ion Ratio Lower Upper
 164 100
 129 97.8 65.5 121.6
 131 92.2 62.4 115.8
 166 125.2 90.0 167.2

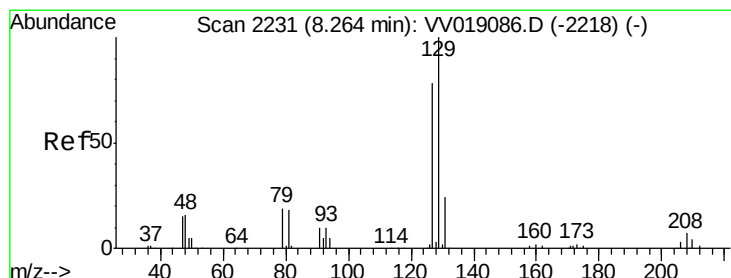
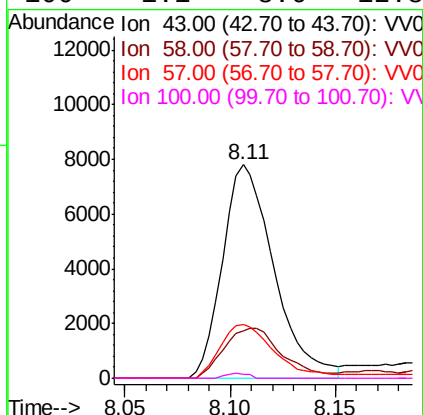
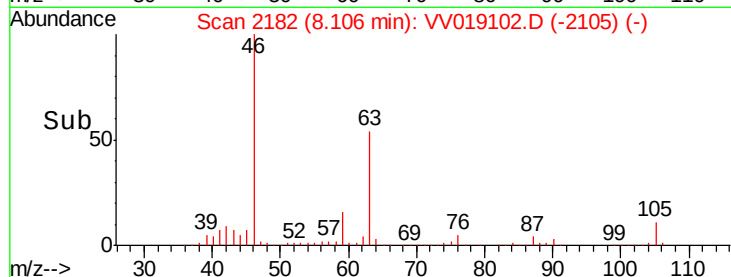
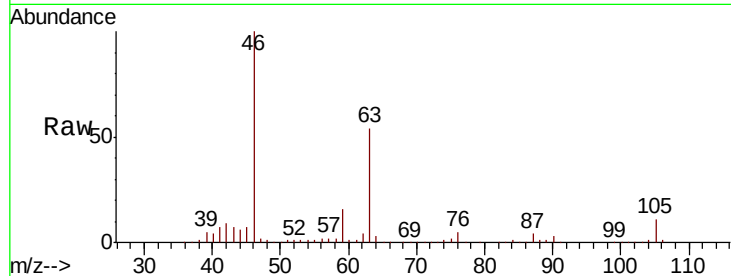




#48
2-Hexanone
Concen: 5.606 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019102.D
Acq: 23 Oct 2020 19:17

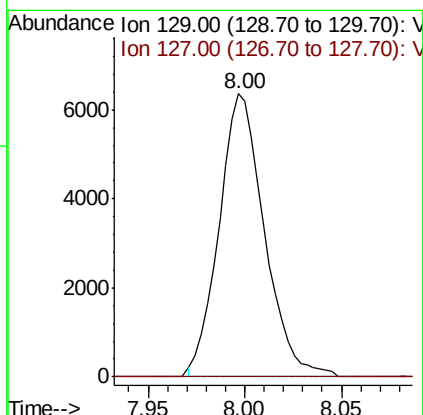
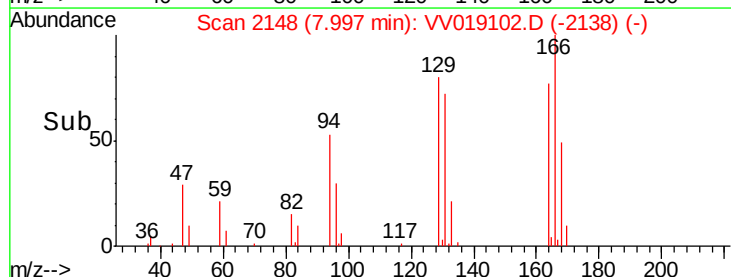
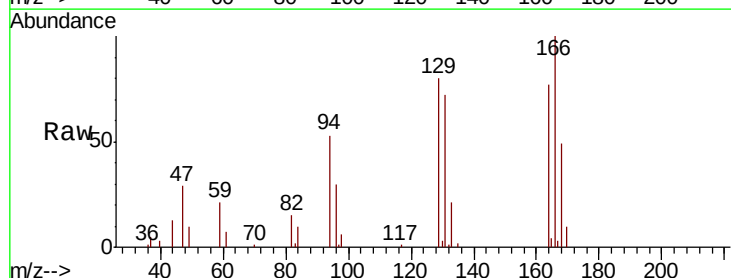
Instrument :
MSVOA_V
ClientSampleId :

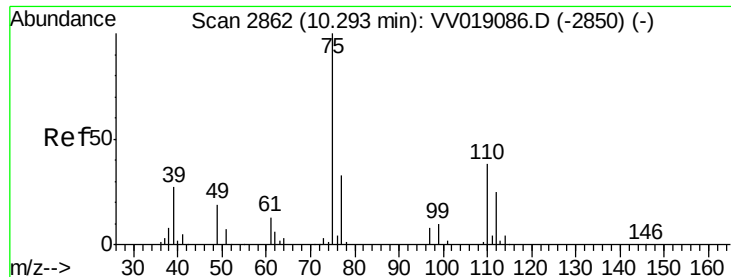
Tot Ion: 43 Resp: 13223
Ion Ratio Lower Upper
43 100
58 26.1 41.1 61.7#
57 26.8 14.7 22.1#
100 1.1 8.6 12.8#



#49
Dibromochloromethane
Concen: 4.725 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV019102.D
Acq: 23 Oct 2020 19:17

Tgt Ion: 129 Resp: 10334
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59

1,2,3-Trichloropropane

Concen: 5.510 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019102.D

Acq: 23 Oct 2020 19:17

Instrument :

MSVOA_V

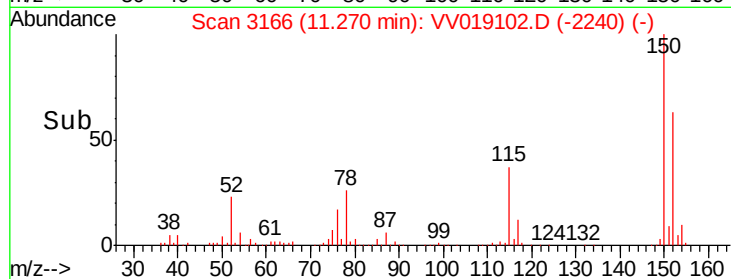
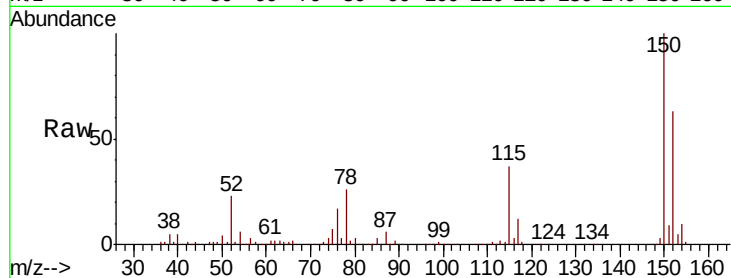
ClientSampleId :

Tot Ion: 75 Resp: 14598

Ion Ratio Lower Upper

75 100

77 39.7 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

