

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019010.D
 Acq On : 20 Oct 2020 13:37
 Operator : SY/MD
 Sample : L4430-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:10:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291152	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130982	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72612	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.60%
7) Chloroethane-d5	1.58	69	75154	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.12	63	129707	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	3.91	46	157183	94.09	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.09%
24) Chloroform-d	4.38	84	187307	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	129587	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
32) Benzene-d6	5.08	84	353247	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.64%
36) 1,2-Dichloropropane-d6	6.09	67	122473	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.60%
41) Toluene-d8	7.34	98	294975	38.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.92%#
43) trans-1,3-Dichloropropene-	7.64	79	50463	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.54%
47) 2-Hexanone-d5	8.11	63	77882	76.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142240	44.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	128430	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%

Target Compounds

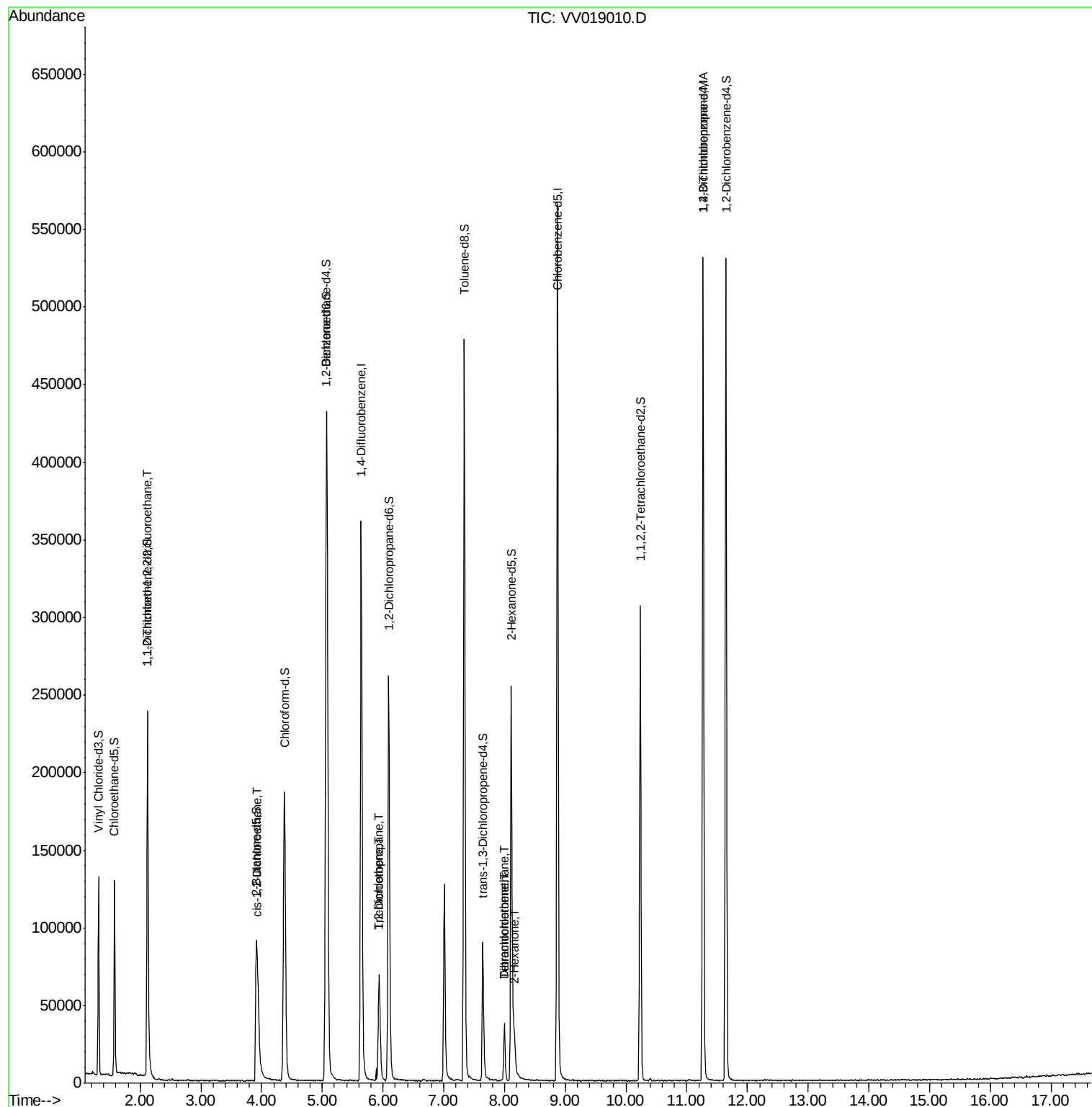
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1256	0.665 ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	12234	5.433 ug/L	98
34) Trichloroethene	5.94	95	17715	6.842 ug/L	99
37) 1,2-Dichloropropane	5.93	63	1818	0.756 ug/L	99
46) Tetrachloroethene	8.00	164	8223	4.507 ug/L	96
48) 2-Hexanone	8.17	43	17852	6.793 ug/L #	78
49) Dibromochloromethane	8.00	129	7844	3.314 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	16247	5.585 ug/L	91

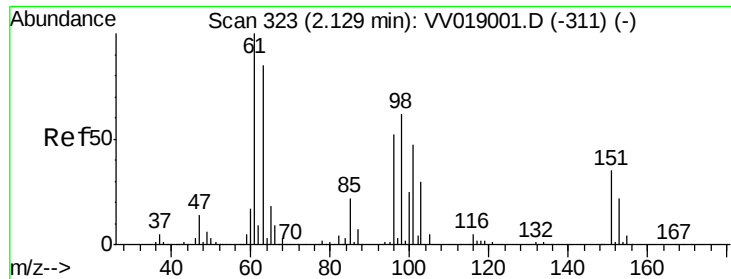
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration





#10

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

Concen: 0.665 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019010.D

Acq: 20 Oct 2020 13:37

Instrument :

MSVOA_V

ClientSampled :

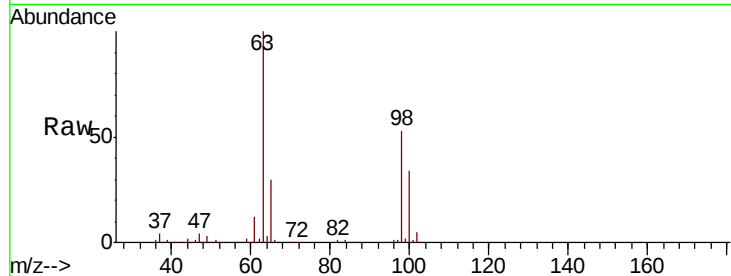
Tot Ion:101 Resp: 1256

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

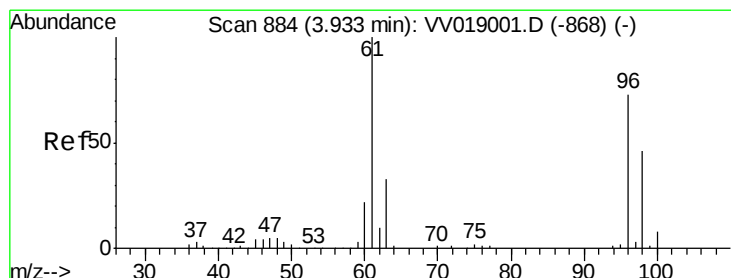
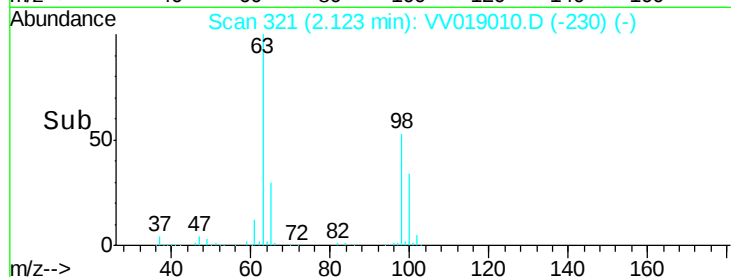
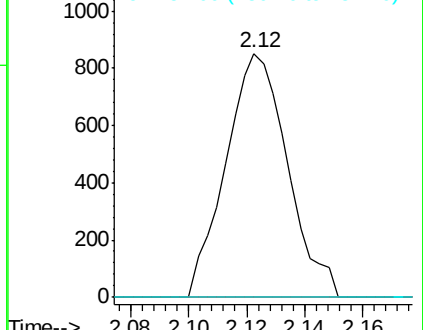
151 0.0 59.7 89.5#



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



#20

cis-1,2-Dichloroethene

Concen: 5.433 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV019010.D

Acq: 20 Oct 2020 13:37

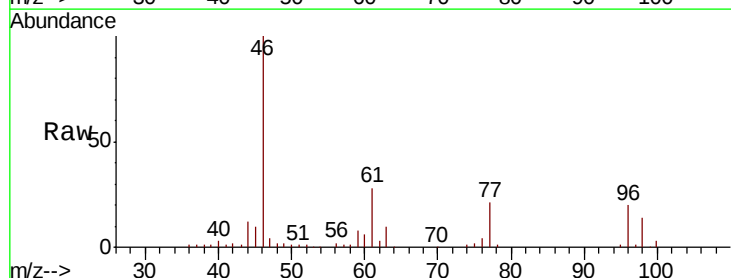
Tgt Ion: 96 Resp: 12234

Ion Ratio Lower Upper

96 100

61 139.3 96.1 178.5

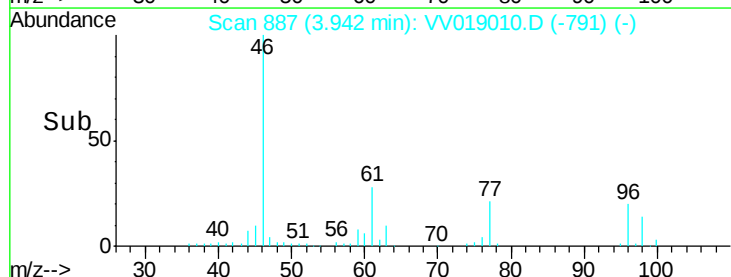
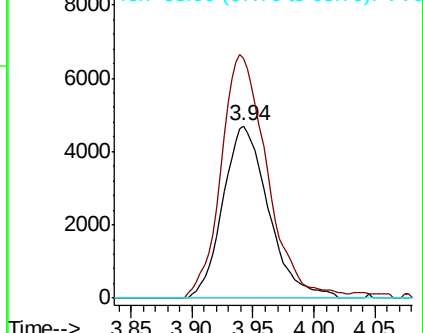
68 0.0 0.0 0.0

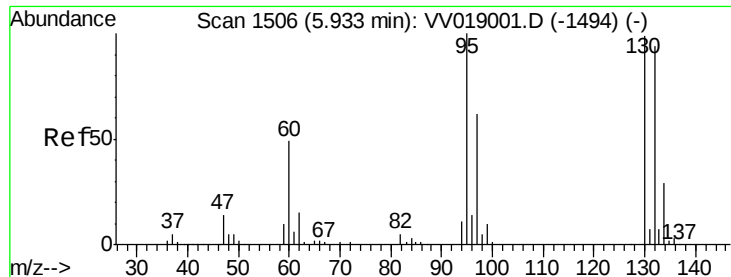


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

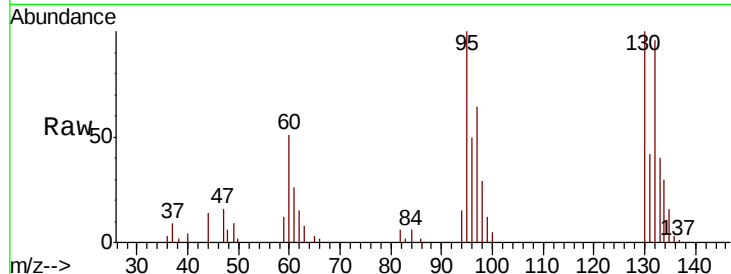




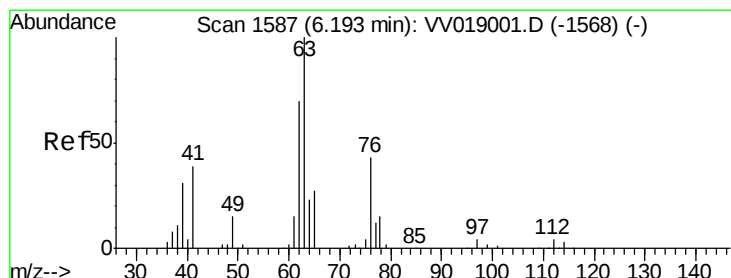
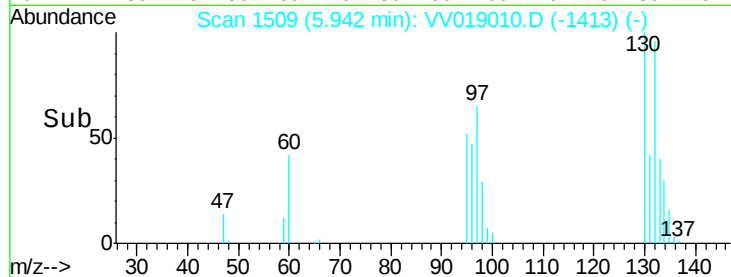
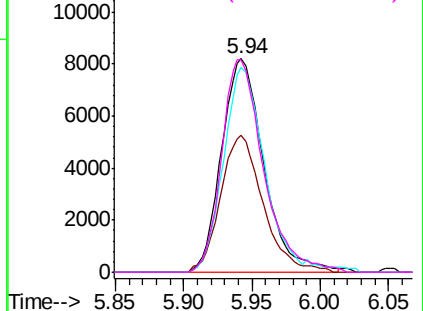
#34
 Trichloroethene
 Concen: 6.842 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV019010.D
 Acq: 20 Oct 2020 13:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 17715
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.7 82.9
 132 95.8 67.0 124.4
 130 99.5 70.8 131.6

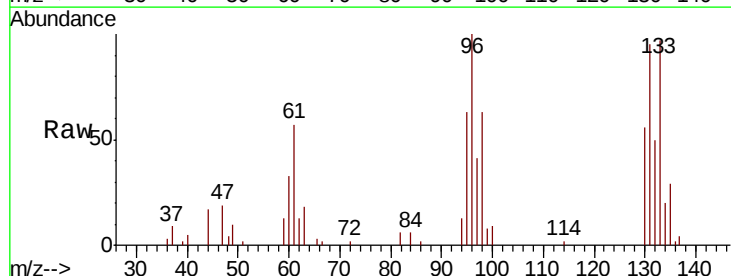


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

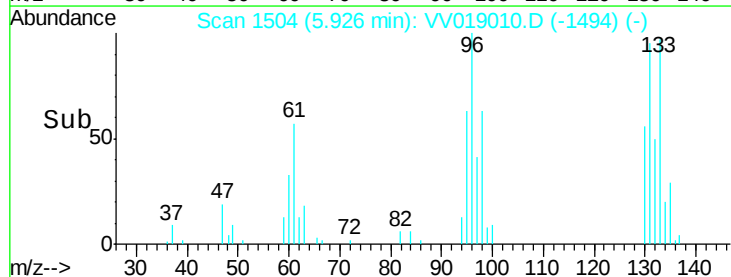
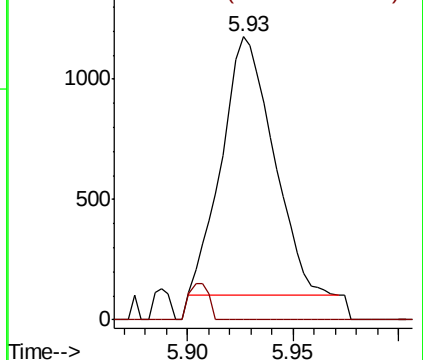


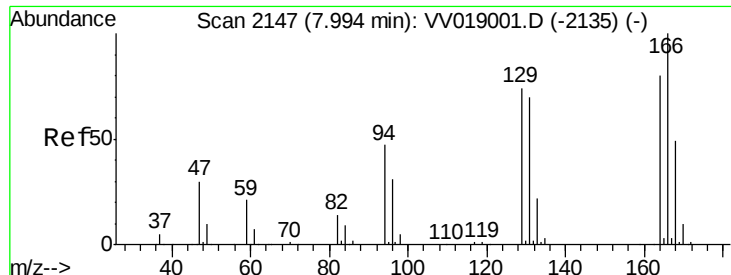
#37
 1,2-Dichloropropane
 Concen: 0.756 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. -0.27 min
 Lab File: VV019010.D
 Acq: 20 Oct 2020 13:37

Tgt Ion: 63 Resp: 1818
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.3 4.9



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

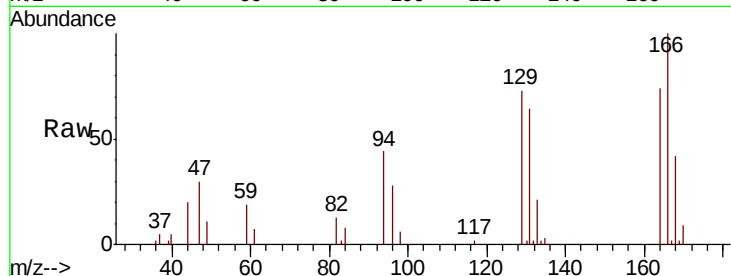




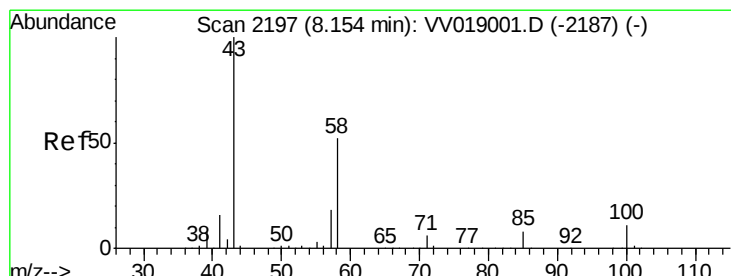
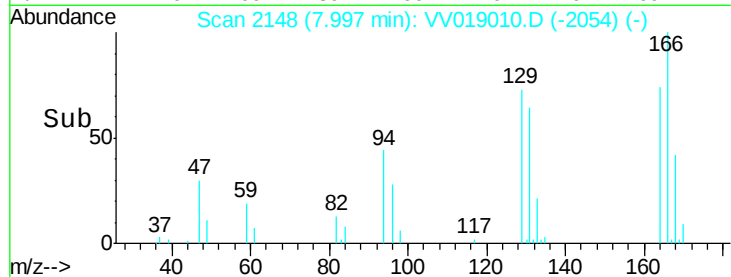
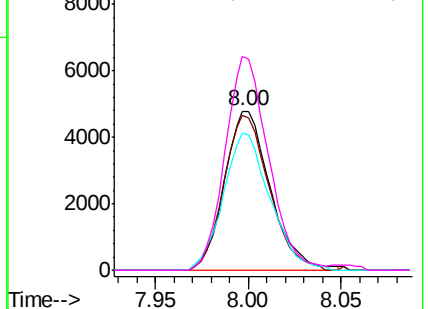
#46
Tetrachloroethene
Concen: 4.507 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019010.D
Acq: 20 Oct 2020 13:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 8223
Ion Ratio Lower Upper
164 100
129 97.7 65.0 120.8
131 86.2 62.9 116.7
166 134.6 91.1 169.3

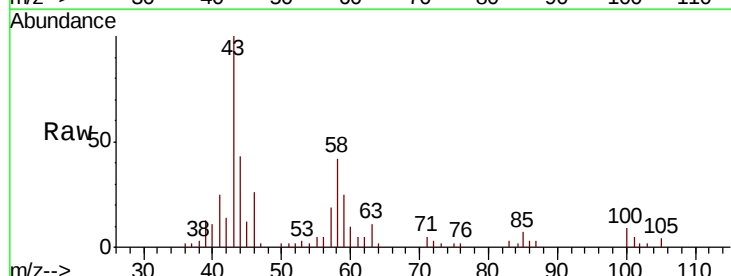


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

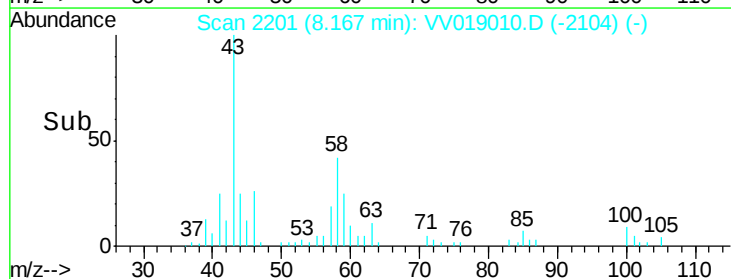
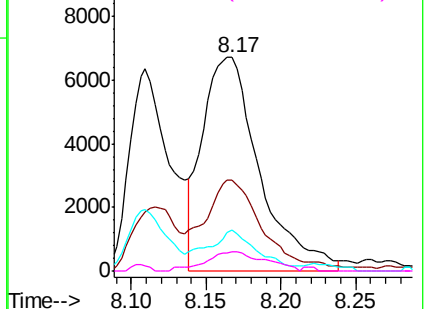


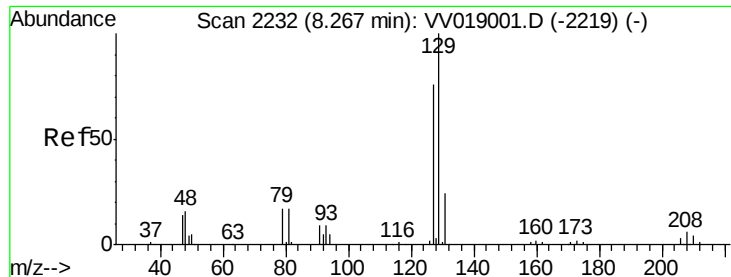
#48
2-Hexanone
Concen: 6.793 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV019010.D
Acq: 20 Oct 2020 13:37

Tgt Ion: 43 Resp: 17852
Ion Ratio Lower Upper
43 100
58 31.4 42.5 63.7#
57 17.0 14.5 21.7
100 5.1 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





#49

Dibromochloromethane

Concen: 3.314 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019010.D

Acq: 20 Oct 2020 13:37

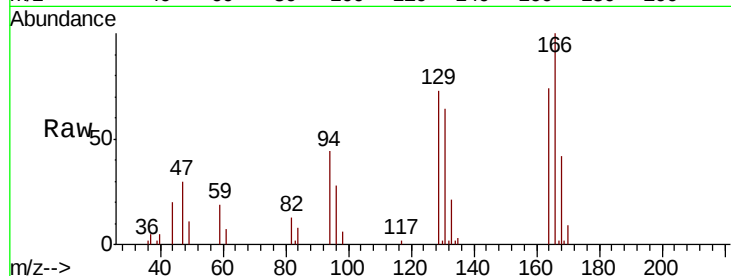
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:129 Resp: 7844

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

5000

4000

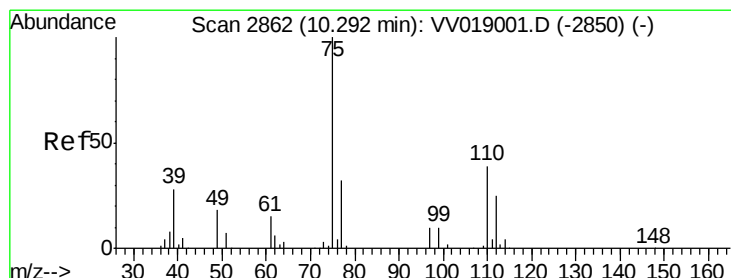
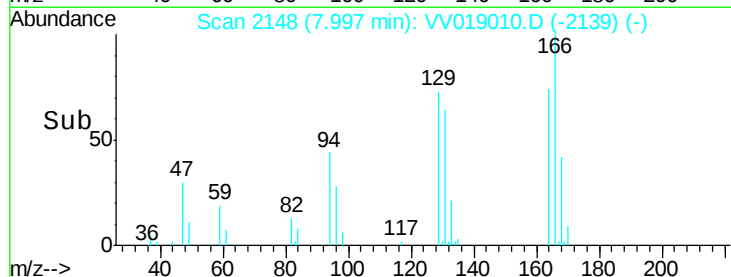
3000

2000

1000

0

Time--> 7.95 8.00 8.05



#59

1,2,3-Trichloropropane

Concen: 5.585 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019010.D

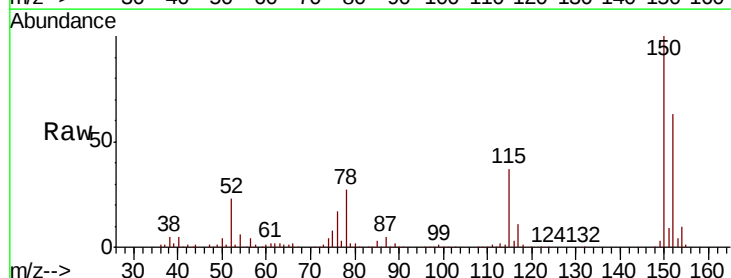
Acq: 20 Oct 2020 13:37

Tgt Ion: 75 Resp: 16247

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

12000

10000

8000

6000

4000

2000

0

Time--> 11.20 11.25 11.30

