

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019027.D
 Acq On : 20 Oct 2020 22:19
 Operator : SY/MD
 Sample : L4430-05 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327026	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72719	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.02%#
7) Chloroethane-d5	1.58	69	75174	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.50%
11) 1,1-Dichloroethene-d2	2.12	63	130372	25.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.30%#
21) 2-Butanone-d5	3.91	46	176850	94.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.25%
24) Chloroform-d	4.37	84	190722	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.86%
26) 1,2-Dichloroethane-d4	5.06	65	134935	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
32) Benzene-d6	5.08	84	366029	38.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.09	67	127432	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.34	98	312878	36.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.74%#
43) trans-1,3-Dichloropropene-	7.64	79	53513	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
47) 2-Hexanone-d5	8.11	63	95784	85.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144369	40.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	132673	44.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.24%

Target Compounds

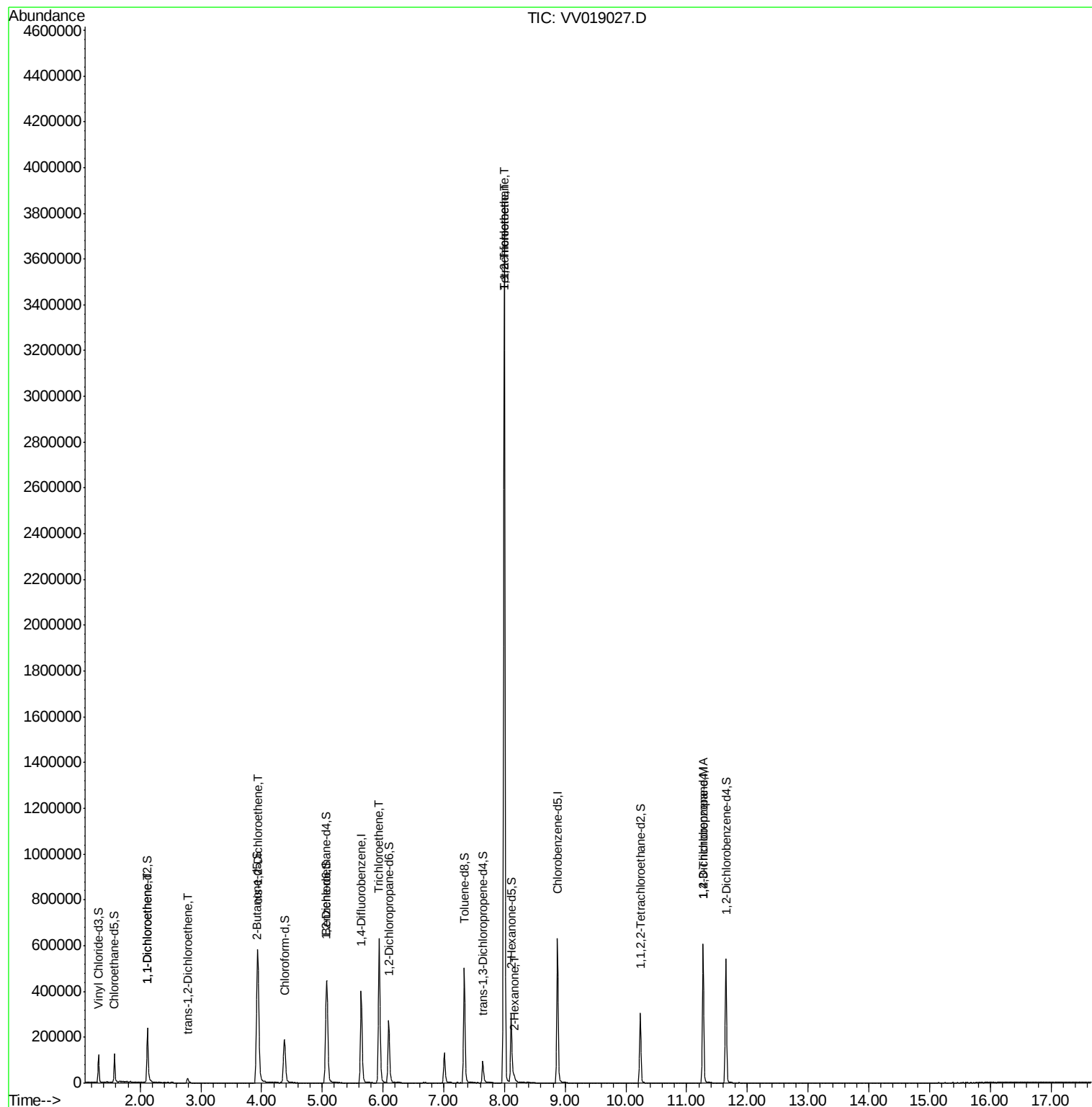
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1787	0.831 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	6690	2.803 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	282445	111.663 ug/L	98
34) Trichloroethene	5.94	95	209167	73.028 ug/L	99
45) 1,1,2-Trichloroethane	8.00	97	7328	2.963 ug/L #	1
46) Tetrachloroethene	8.00	164	807312	399.944 ug/L	99
48) 2-Hexanone	8.16	43	12943	4.452 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	18622	5.786 ug/L	90

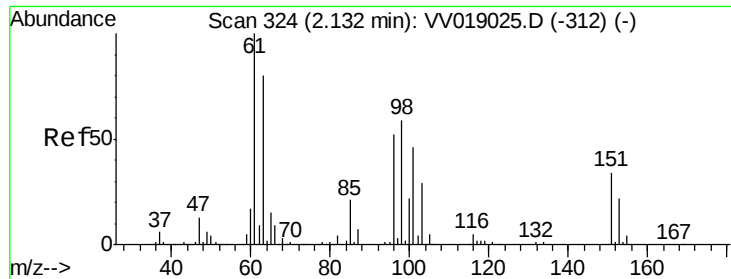
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 07:57:26 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.831 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019027.D

Acq: 20 Oct 2020 22:19

Instrument :
MSVOA_V
ClientSampled :

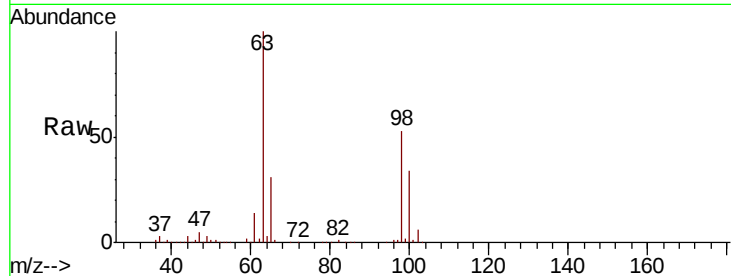
Tot Ion: 96 Resp: 1787

Ion Ratio Lower Upper

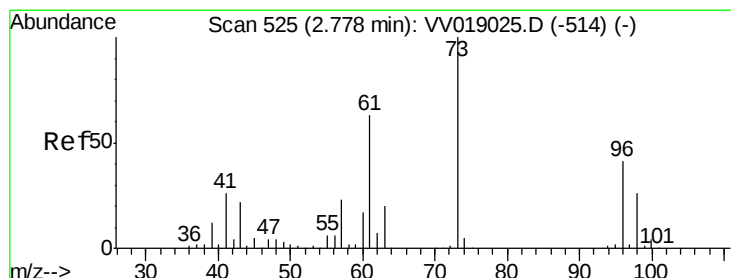
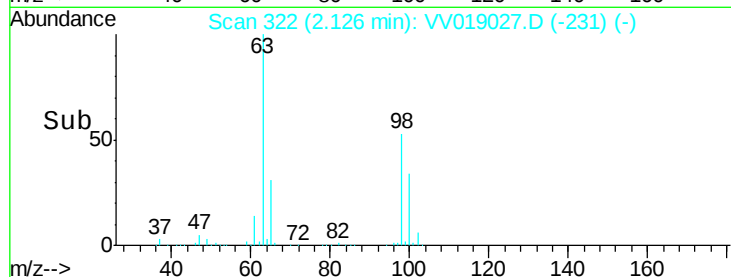
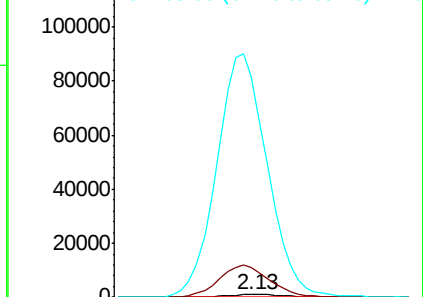
96 100

61 1138.8 133.5 247.9#

63 8369.6 102.1 189.7#



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



#17

trans-1,2-Dichloroethene

Concen: 2.803 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV019027.D

Acq: 20 Oct 2020 22:19

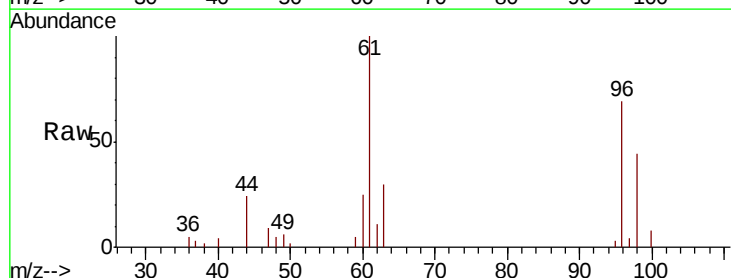
Tgt Ion: 96 Resp: 6690

Ion Ratio Lower Upper

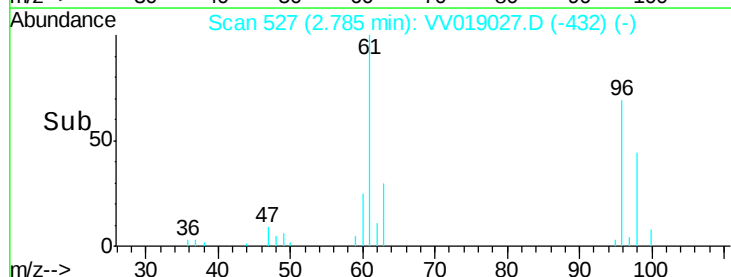
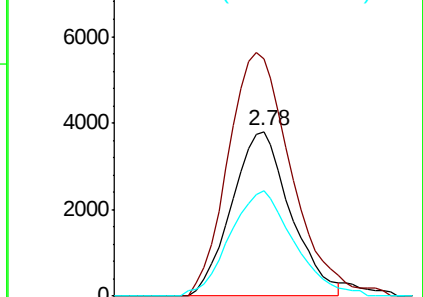
96 100

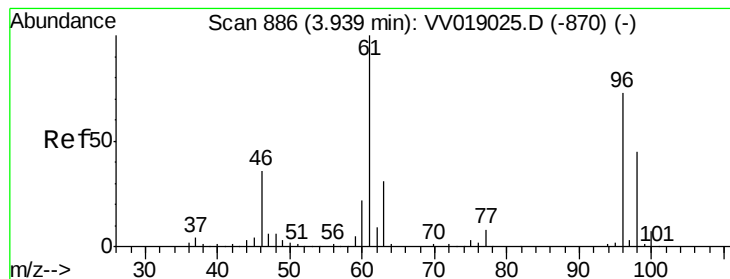
61 144.5 102.8 190.8

98 63.7 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



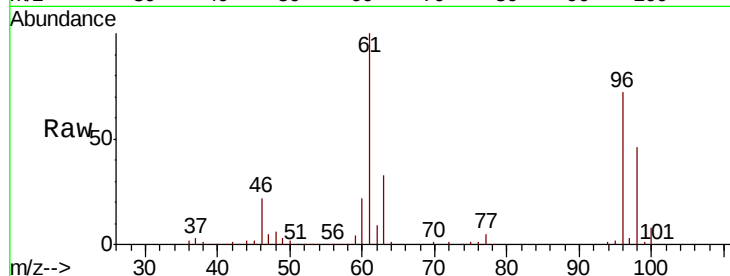


#20

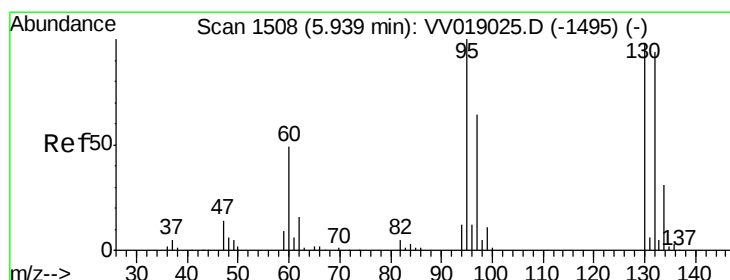
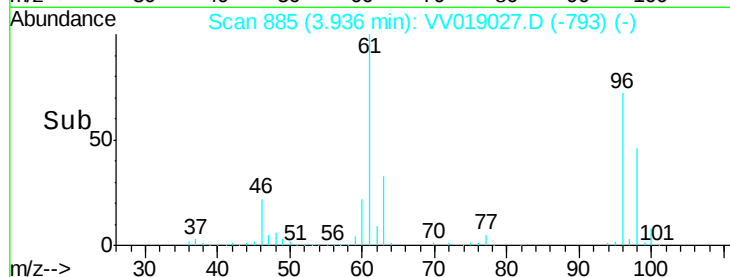
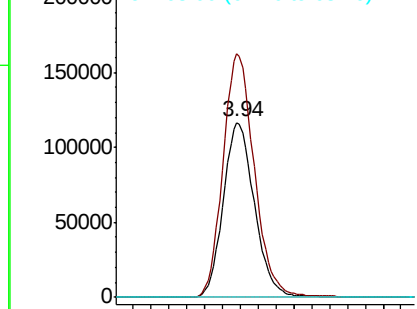
cis-1,2-Dichloroethene
Concen: 111.663 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV019027.D
Acq: 20 Oct 2020 22:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 282445
Ion Ratio Lower Upper
96 100
61 139.3 96.1 178.5
68 0.0 0.0 0.0



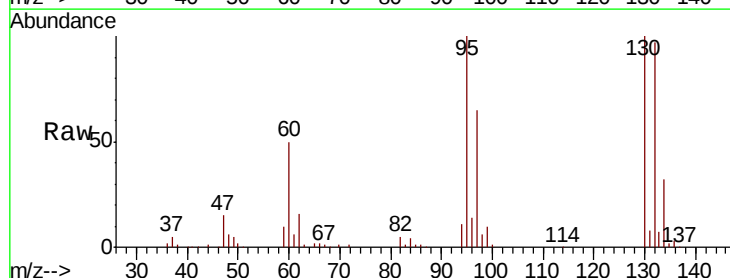
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



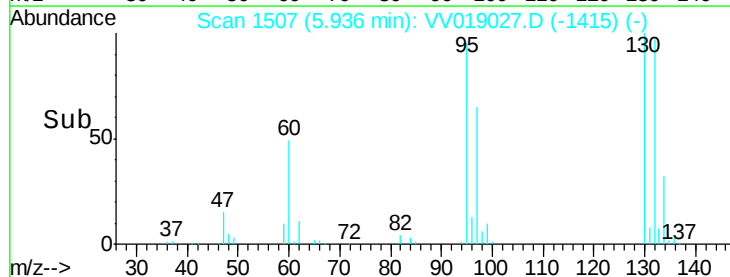
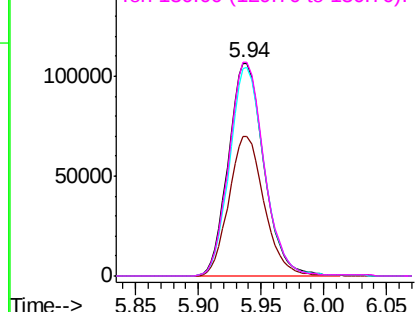
#34

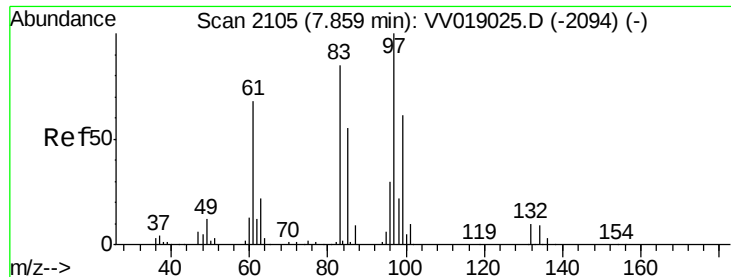
Trichloroethene
Concen: 73.028 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV019027.D
Acq: 20 Oct 2020 22:19

Tgt Ion: 95 Resp: 209167
Ion Ratio Lower Upper
95 100
97 65.3 44.7 82.9
132 97.5 67.0 124.4
130 100.4 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

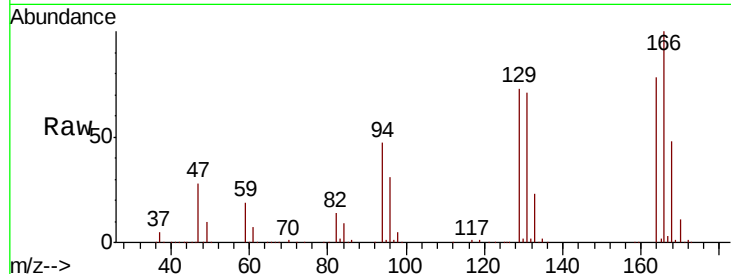




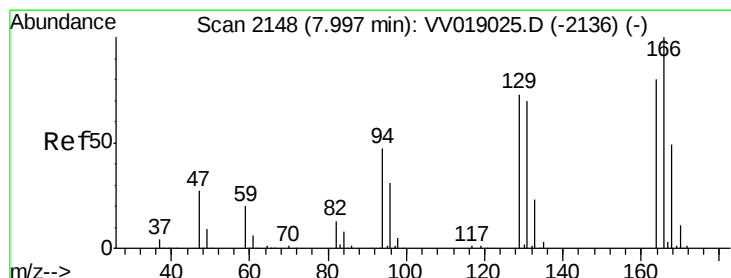
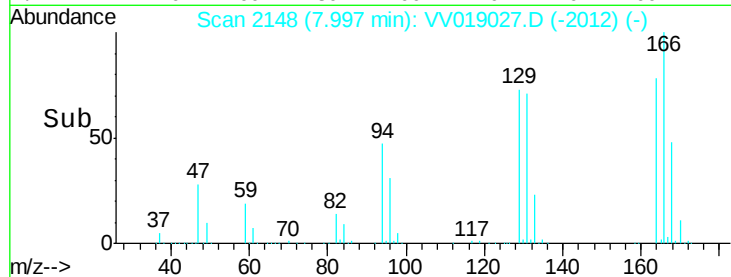
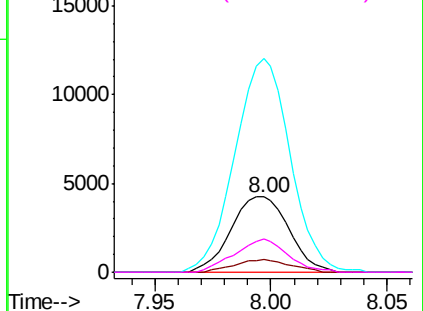
#45
1,1,2-Trichloroethane
Concen: 2.963 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV019027.D
Acq: 20 Oct 2020 22:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 7328
Ion Ratio Lower Upper
97 100
99 16.4 43.8 81.4#
83 283.4 61.0 113.4#
85 44.0 38.9 72.2



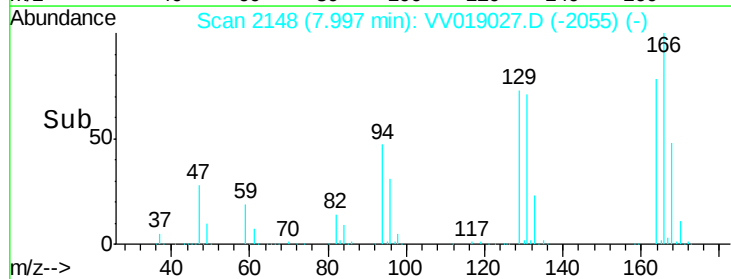
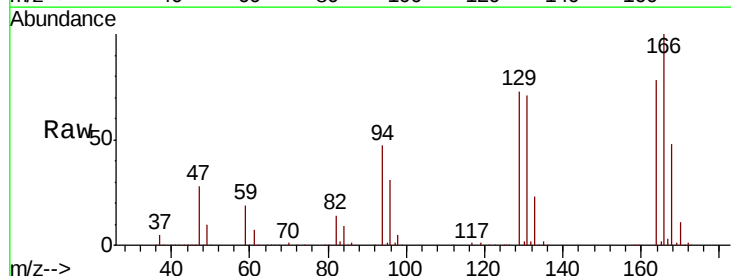
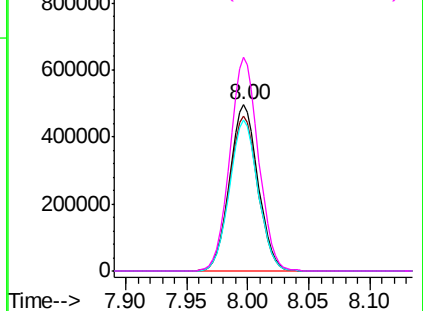
Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

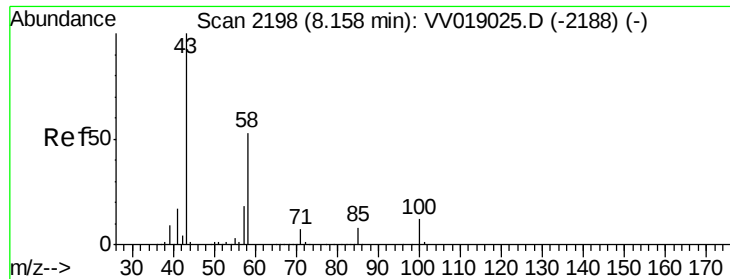


#46
Tetrachloroethene
Concen: 399.944 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV019027.D
Acq: 20 Oct 2020 22:19

Tgt Ion: 164 Resp: 807312
Ion Ratio Lower Upper
164 100
129 93.4 65.0 120.8
131 91.3 62.9 116.7
166 128.8 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

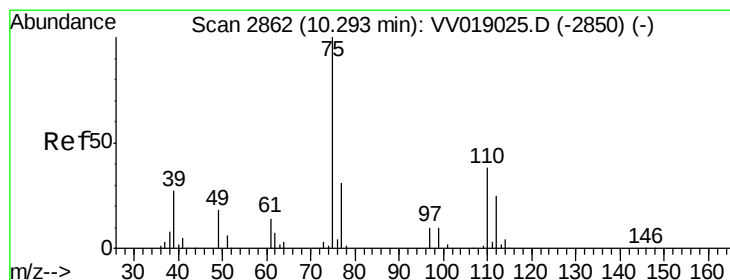
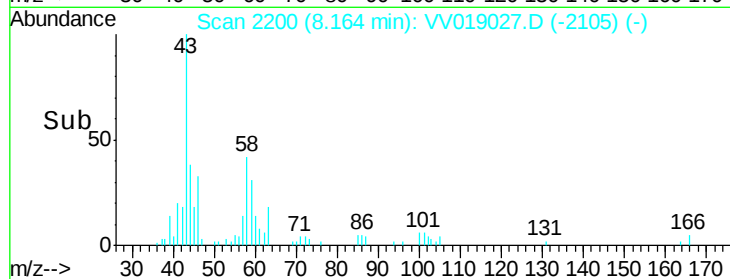
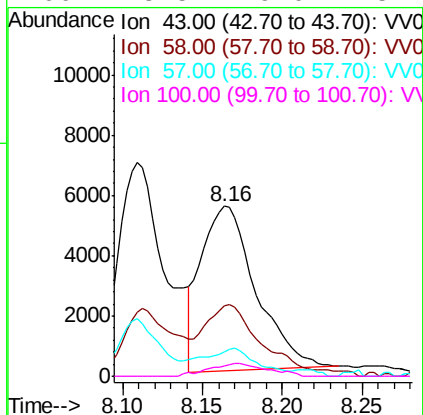
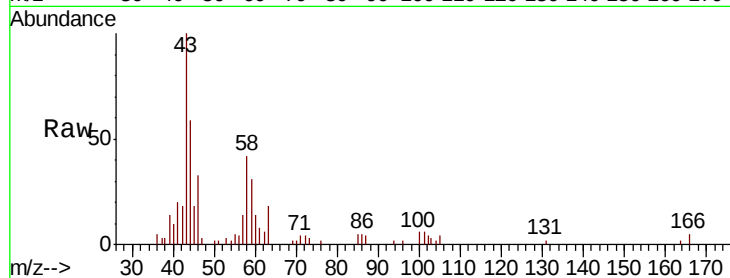




#48
 2-Hexanone
 Concen: 4.452 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019027.D
 Acq: 20 Oct 2020 22:19

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 12943
 Ion Ratio Lower Upper
 43 100
 58 39.2 42.5 63.7#
 57 1.7 14.5 21.7#
 100 5.5 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.786 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019027.D
 Acq: 20 Oct 2020 22:19

Tgt Ion: 75 Resp: 18622
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.4 38.2

