

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018610.D
 Acq On : 01 Oct 2020 23:56
 Operator : SY/MD
 Sample : L4237-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7

Quant Time: Oct 02 04:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86128	51.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.96%
7) Chloroethane-d5	1.58	69	83499	60.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.90%
11) 1,1-Dichloroethene-d2	2.12	63	147398	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
21) 2-Butanone-d5	3.92	46	112366	90.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.92%
24) Chloroform-d	4.38	84	174677	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.06	65	118888	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
32) Benzene-d6	5.08	84	340412	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.09	67	105398	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.34	98	310038	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.64	79	51150	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
47) 2-Hexanone-d5	8.11	63	64589	80.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125273	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	135961	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%

Target Compounds

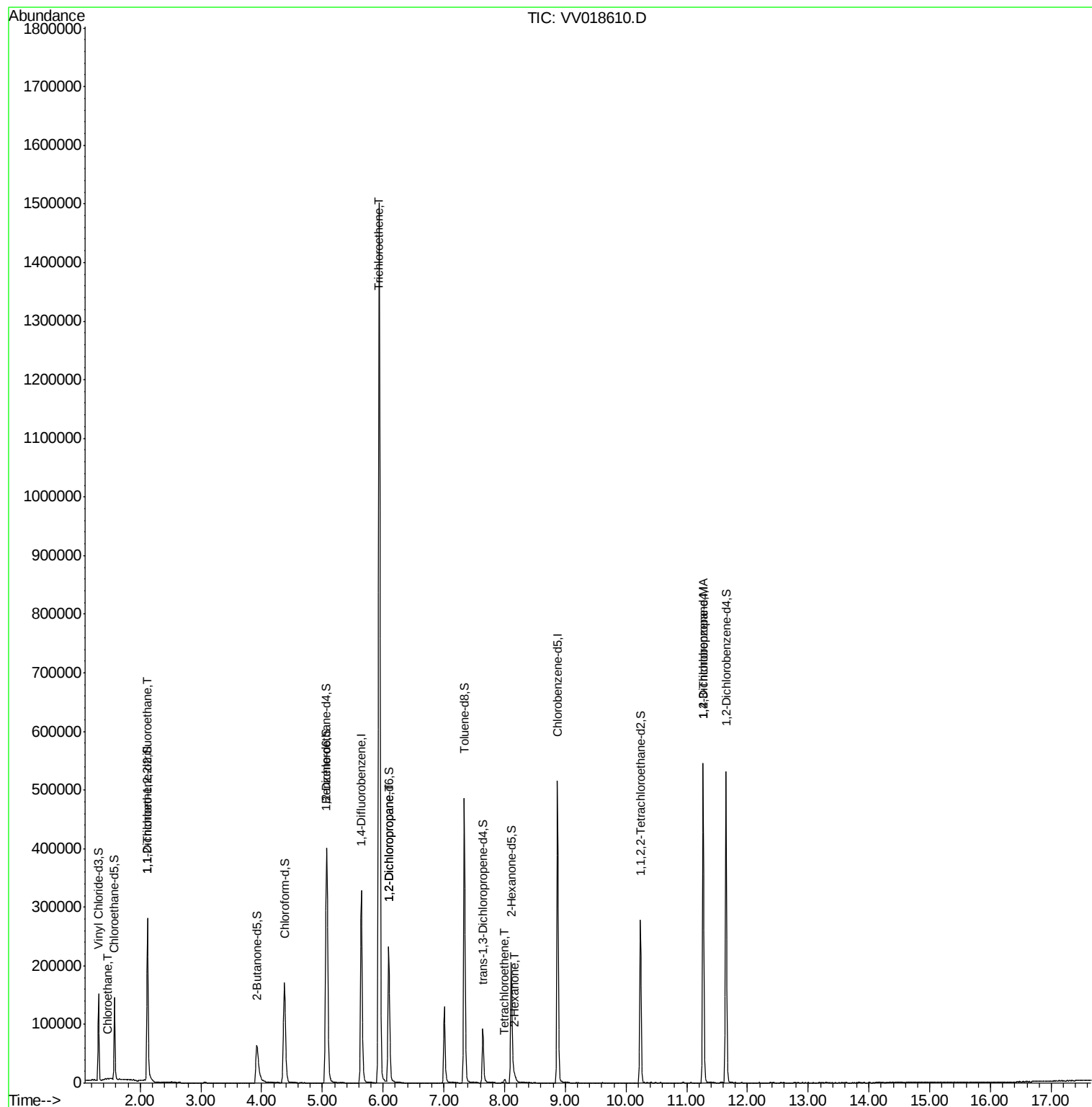
					Ovalue
8) Chloroethane	1.46	64	1854	1.392 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1460	0.794 ug/L #	17
34) Trichloroethene	5.94	95	503573	212.941 ug/L	99
37) 1,2-Dichloropropane	6.09	63	12629	6.043 ug/L #	85
46) Tetrachloroethene	8.00	164	1368	0.713 ug/L	90
48) 2-Hexanone	8.16	43	7296	3.468 ug/L #	41
59) 1,2,3-Trichloropropane	11.27	75	15243	5.996 ug/L #	87

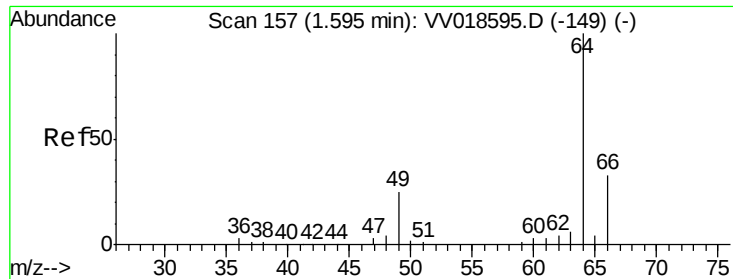
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.392 ug/L

RT: 1.46 min Scan# 115

Delta R.T. -0.13 min

Lab File: VV018610.D

Acq: 01 Oct 2020 23:56

Instrument :

MSVOA_V

ClientSampleId :

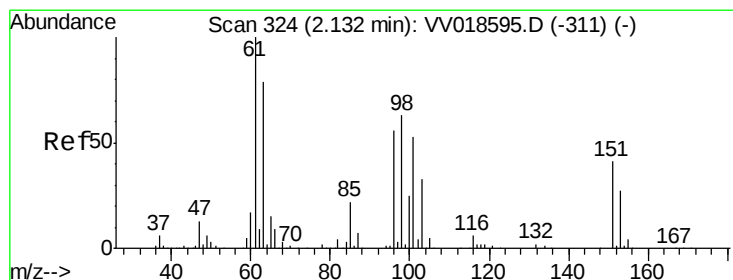
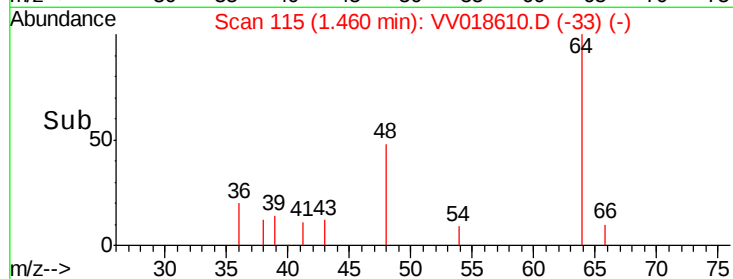
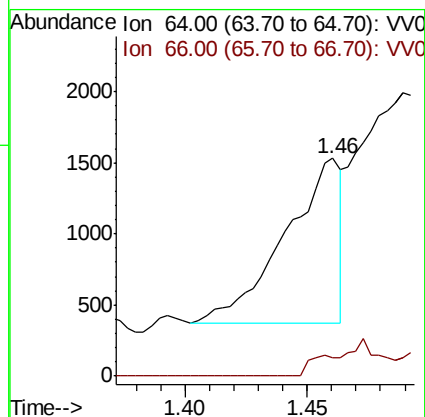
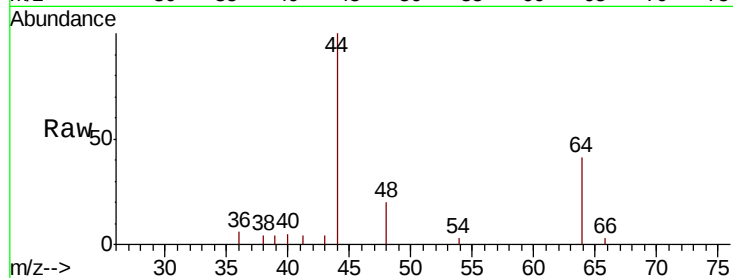
E0AC7

Tot Ion: 64 Resp: 1854

Ion Ratio Lower Upper

64 100

66 8.3 22.8 42.4#



#10

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

Concen: 0.794 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018610.D

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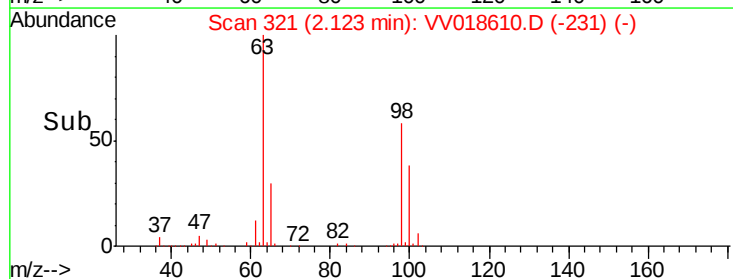
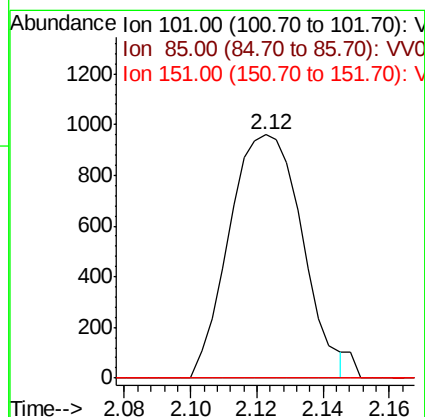
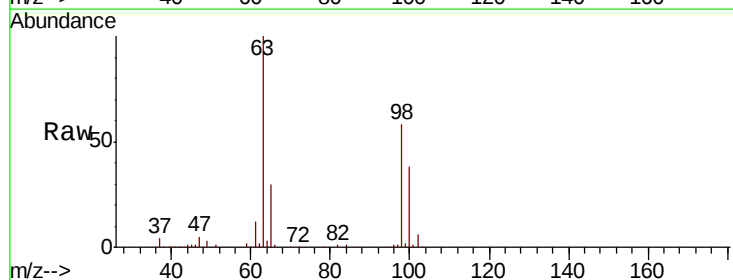
Tgt Ion: 101 Resp: 1460

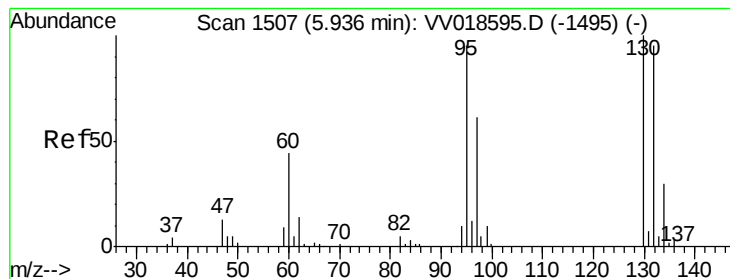
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 64.3 96.5#





#34

Trichloroethene

Concen: 212.941 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018610.D

Acq: 01 Oct 2020 23:56

Instrument :

MSVOA_V

ClientSampleId :

E0AC7

Tot Ion: 95 Resp: 503573

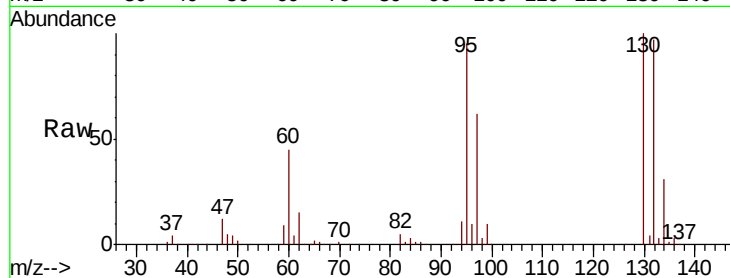
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 101.6 70.8 131.4

130 104.8 75.3 139.8

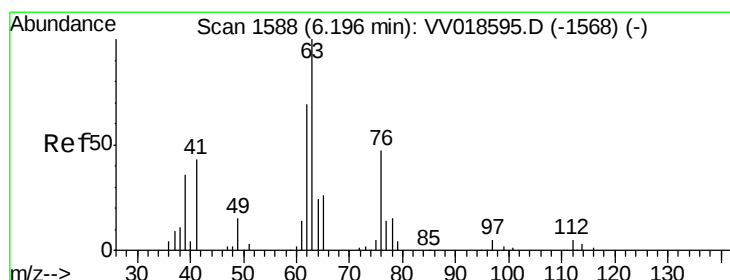
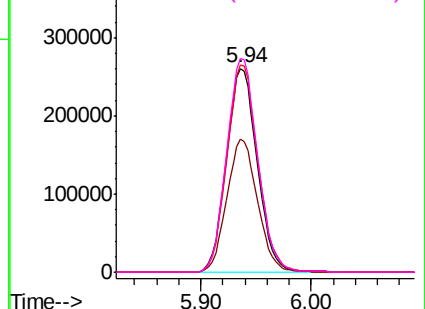
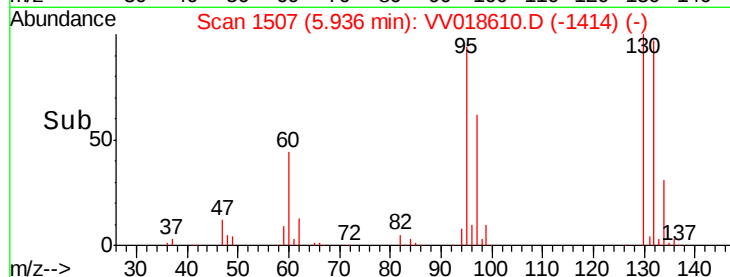


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.043 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018610.D

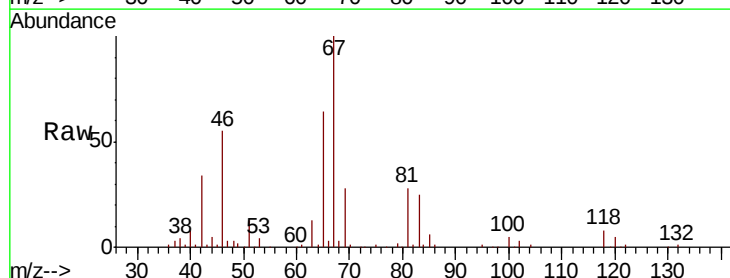
Acq: 01 Oct 2020 23:56

Tgt Ion: 63 Resp: 12629

Ion Ratio Lower Upper

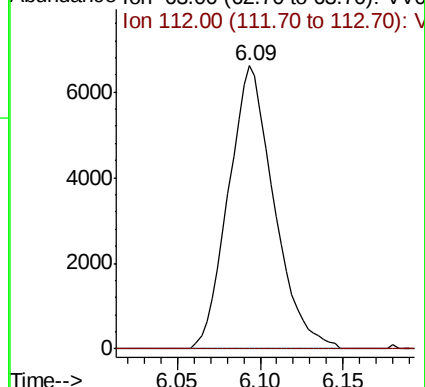
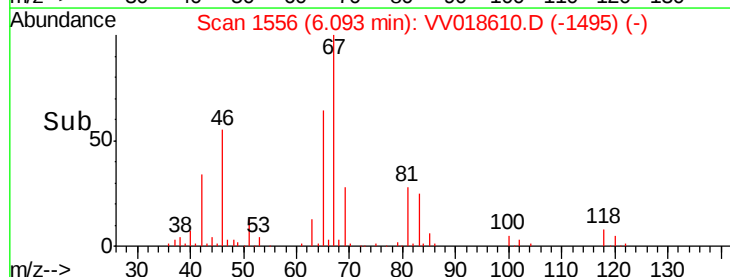
63 100

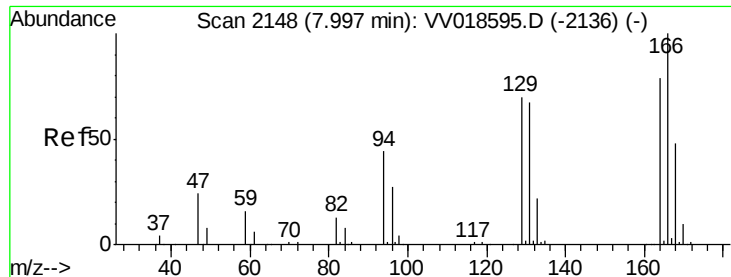
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

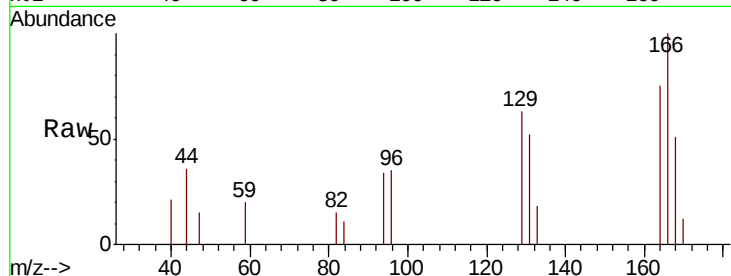




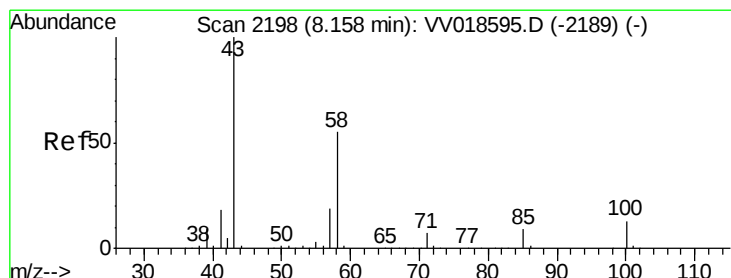
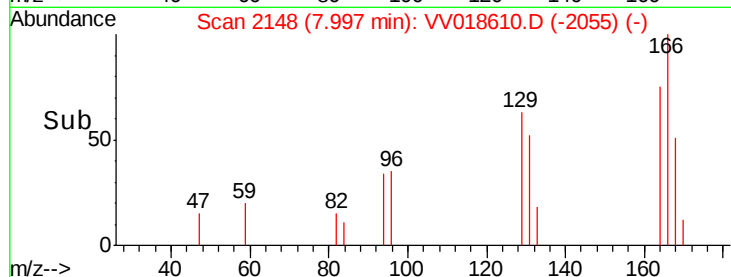
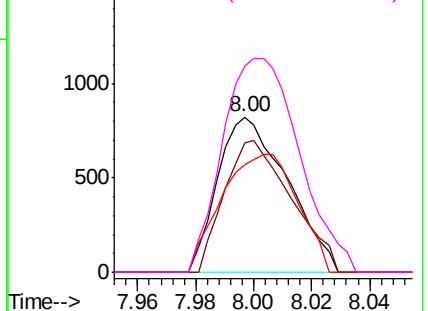
#46
Tetrachloroethene
Concen: 0.713 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018610.D
Acq: 01 Oct 2020 23:56

Instrument :
MSVOA_V
ClientSampleId :
E0AC7

Tot Ion:164 Resp: 1368
Ion Ratio Lower Upper
164 100
129 83.3 62.8 116.6
131 69.8 60.8 112.8
166 133.1 88.9 165.1

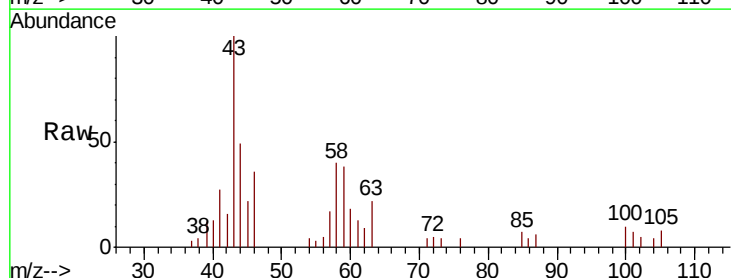


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

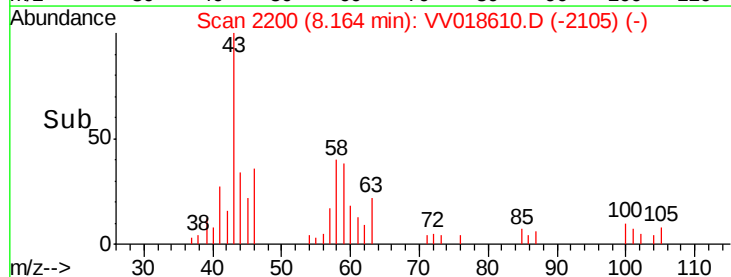
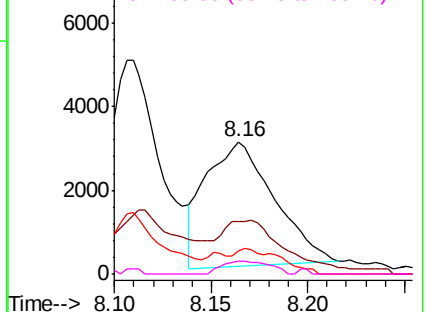


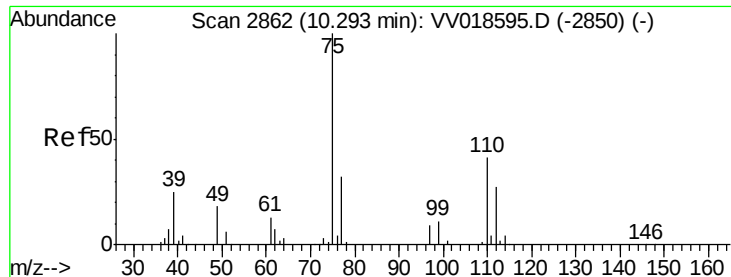
#48
2-Hexanone
Concen: 3.468 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018610.D
Acq: 01 Oct 2020 23:56

Tgt Ion: 43 Resp: 7296
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 1.9 15.7 23.5#
100 7.4 11.0 16.4#



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





#59

1,2,3-Trichloropropane

Concen: 5.996 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018610.D

Acq: 01 Oct 2020 23:56

Instrument :

MSVOA_V

ClientSampleId :

E0AC7

Tot Ion: 75 Resp: 15243

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.0#

