

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018604.D
 Acq On : 01 Oct 2020 21:34
 Operator : SY/MD
 Sample : L4237-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC1

Quant Time: Oct 02 04:20:06 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	290911	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89966	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.58	69	84454	59.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.74%
11) 1,1-Dichloroethene-d2	2.12	63	150371	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
21) 2-Butanone-d5	3.91	46	116881	91.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.38	84	176934	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.06	65	120764	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.07	84	351519	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.09	67	109437	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.34	98	342614	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.64	79	57006	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.11	63	70046	80.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123504	40.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	140690	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

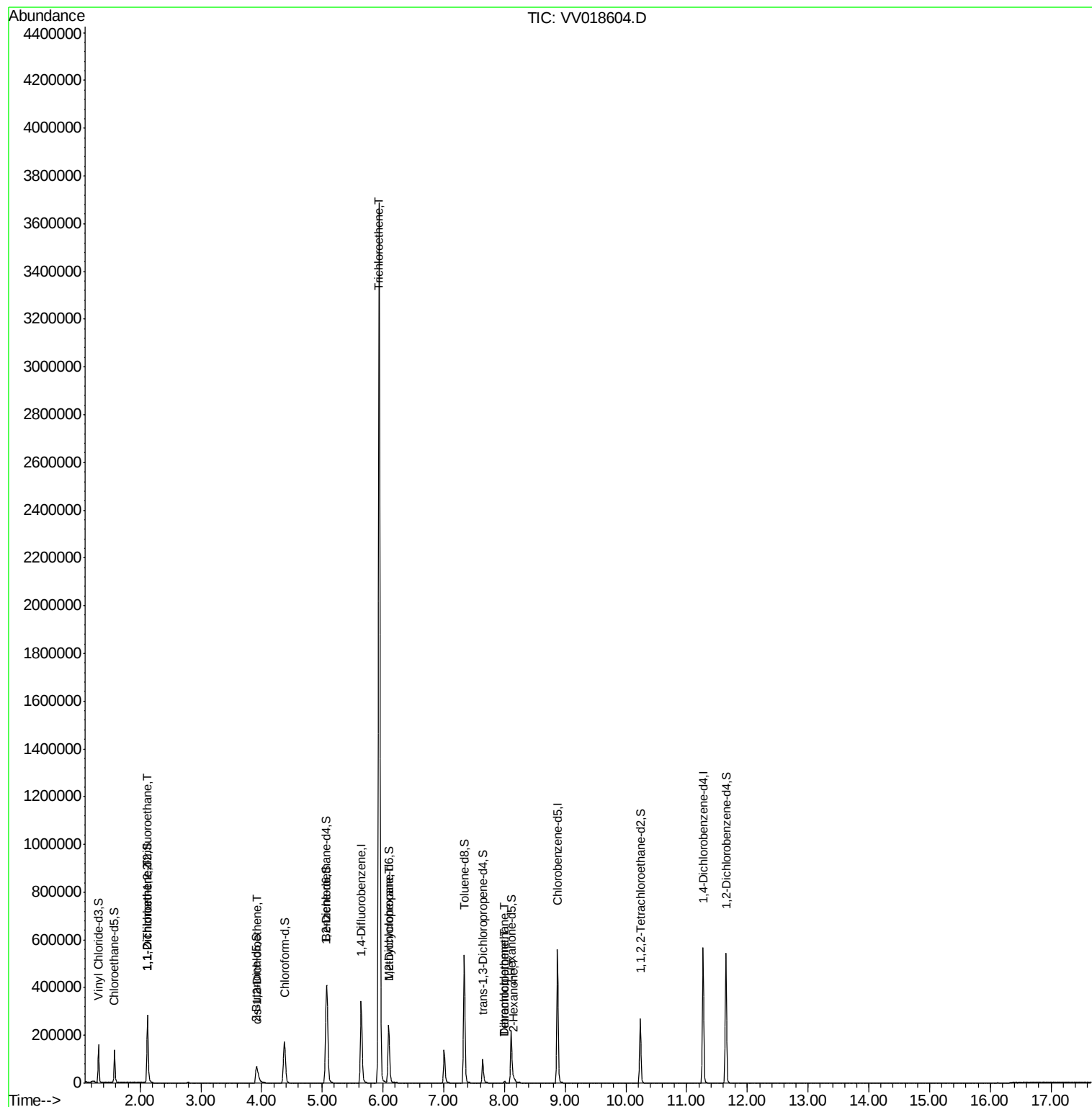
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1724	0.911 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1859	1.024 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	2198	0.995 ug/L	87
34) Trichloroethene	5.94	95	1248331	490.022 ug/L	97
35) Methylcyclohexane	6.09	83	27438	7.984 ug/L #	19
46) Tetrachloroethene	8.00	164	2132	1.032 ug/L	93
48) 2-Hexanone	8.16	43	9405	4.149 ug/L #	77
49) Dibromochloromethane	8.00	129	1815	0.712 ug/L #	11

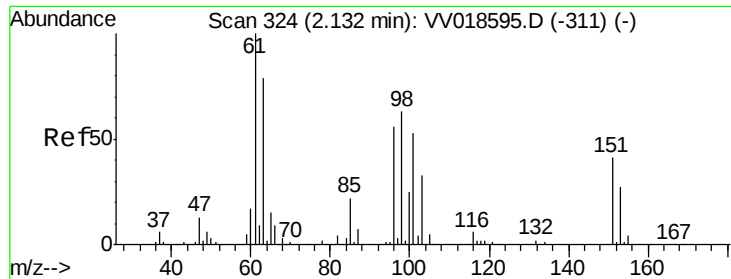
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.911 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018604.D

Acq: 01 Oct 2020 21:34

Instrument :

MSVOA_V

ClientSampleId :

E0AC1

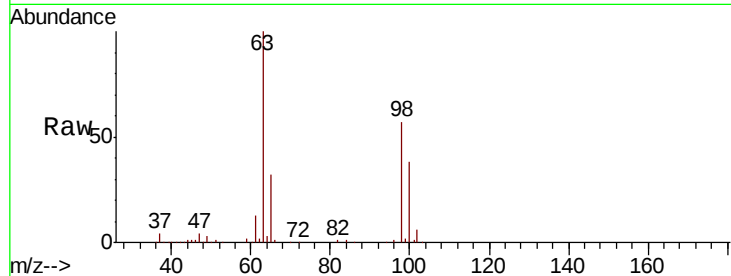
Tot Ion:101 Resp: 1724

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

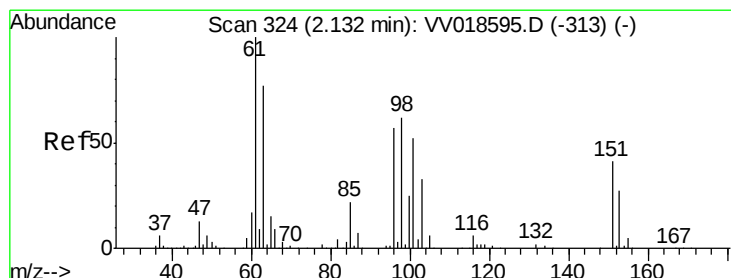
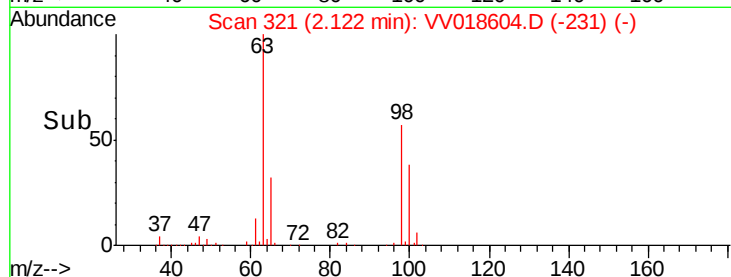
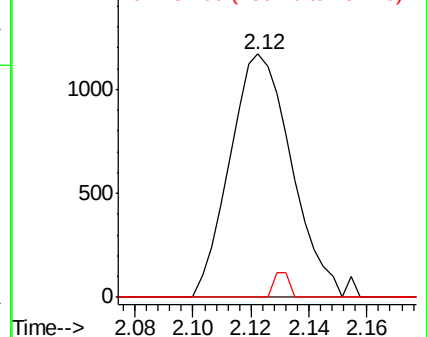
151 2.7 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 1.024 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018604.D

Acq: 01 Oct 2020 21:34

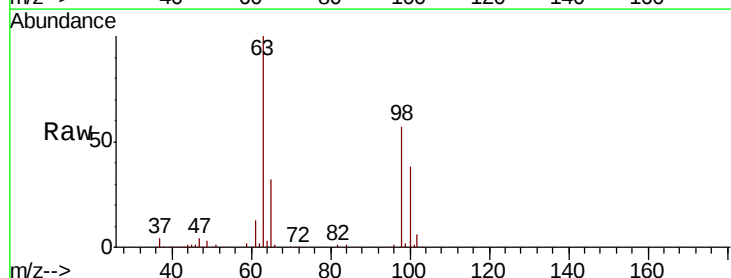
Tgt Ion: 96 Resp: 1859

Ion Ratio Lower Upper

96 100

61 1298.3 122.8 228.1#

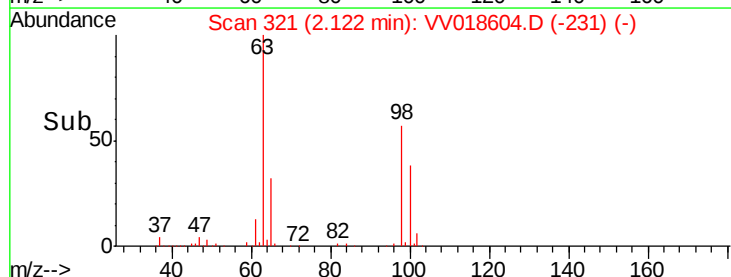
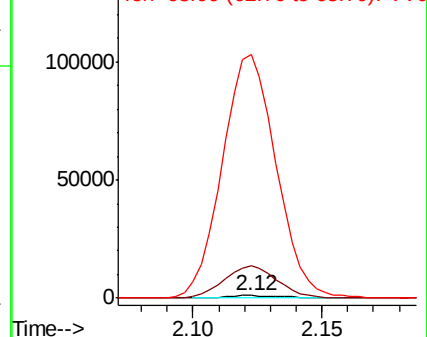
63 9899.4 91.9 170.7#

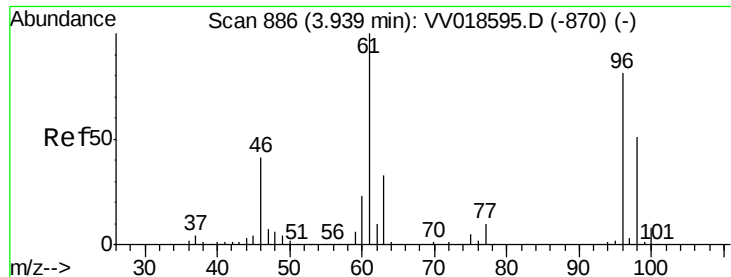


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



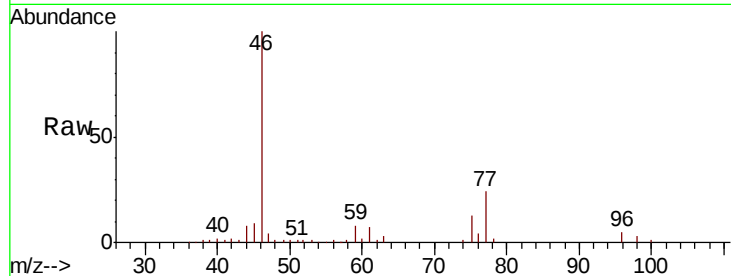


#20

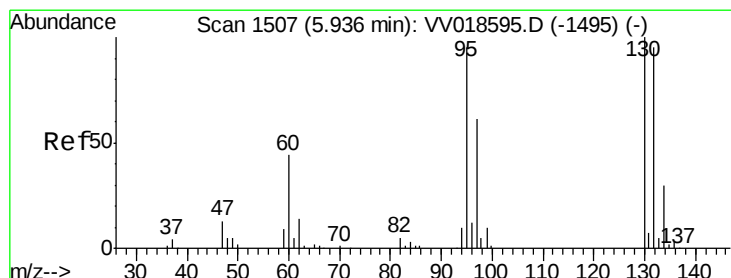
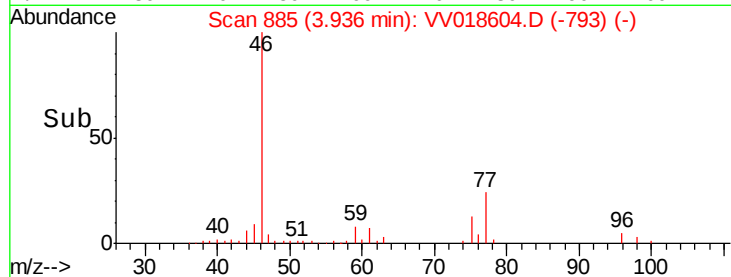
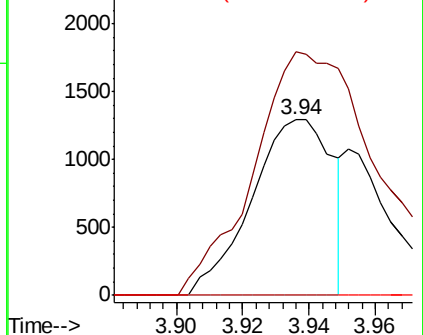
cis-1,2-Dichloroethene
Concen: 0.995 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

Instrument :
MSVOA_V
ClientSampleId :
E0AC1

Tot Ion: 96 Resp: 2198
Ion Ratio Lower Upper
96 100
61 138.7 86.8 161.2
68 0.0 0.0 0.0



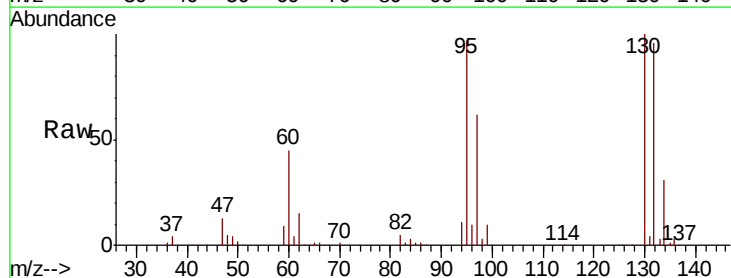
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



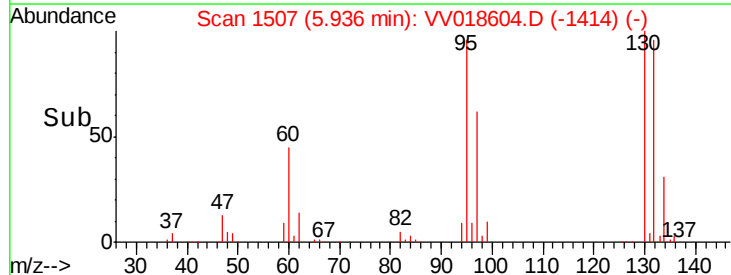
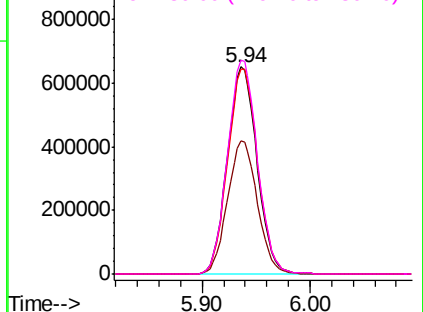
#34

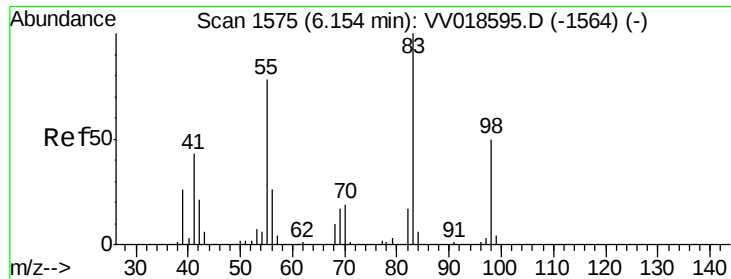
Trichloroethene
Concen: 490.022 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

Tgt Ion: 95 Resp: 1248331
Ion Ratio Lower Upper
95 100
97 64.2 45.9 85.3
132 99.2 70.8 131.4
130 103.2 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): VV0
Ion 130.00 (129.70 to 130.70): VV0

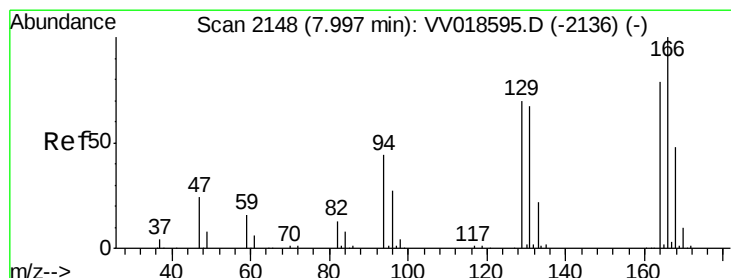
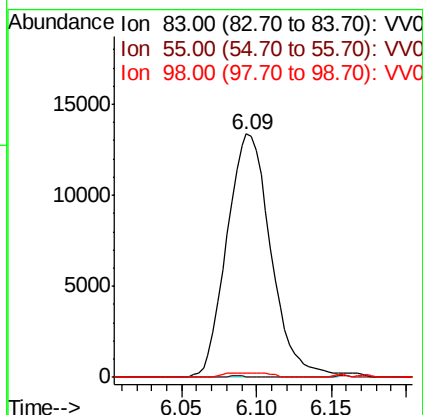
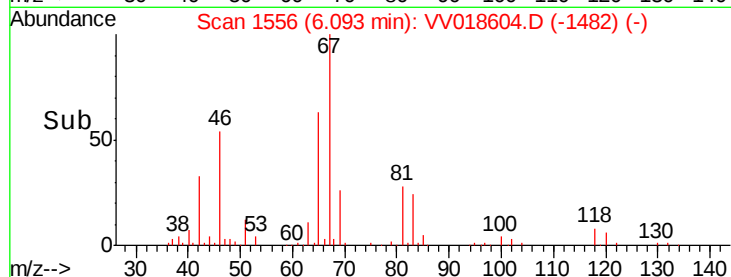
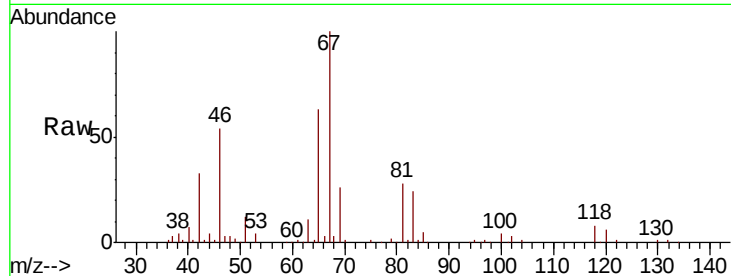




#35
Methvlcvclohexane
Concen: 7.984 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

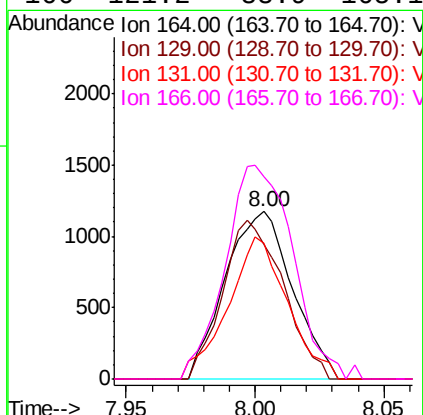
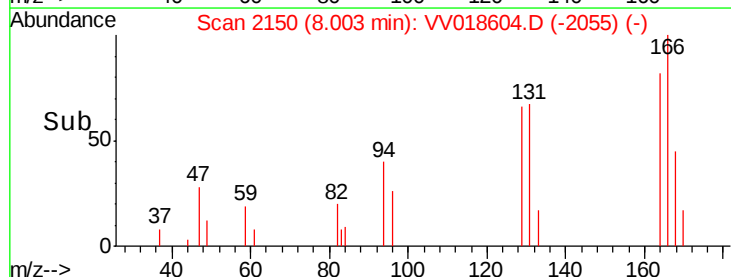
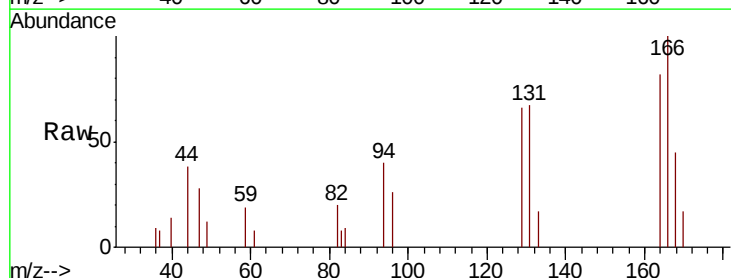
Instrument :
MSVOA_V
ClientSampleId :
E0AC1

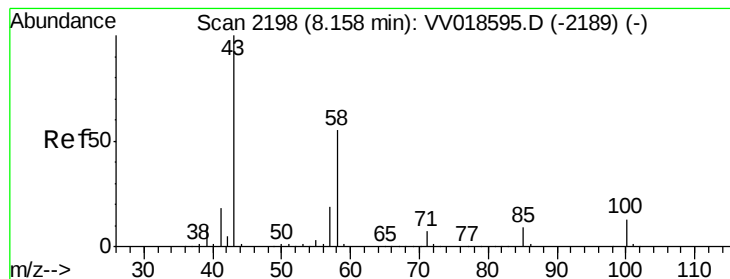
Tot Ion: 83 Resp: 27438
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 1.4 40.2 60.4#



#46
Tetrachloroethene
Concen: 1.032 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV018604.D
Acq: 01 Oct 2020 21:34

Tgt Ion: 164 Resp: 2132
Ion Ratio Lower Upper
164 100
129 80.2 62.8 116.6
131 80.8 60.8 112.8
166 121.2 88.9 165.1





#48

2-Hexanone

Concen: 4.149 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018604.D

Acq: 01 Oct 2020 21:34

Instrument :

MSVOA_V

ClientSampleId :

E0AC1

Tot Ion: 43 Resp: 9405

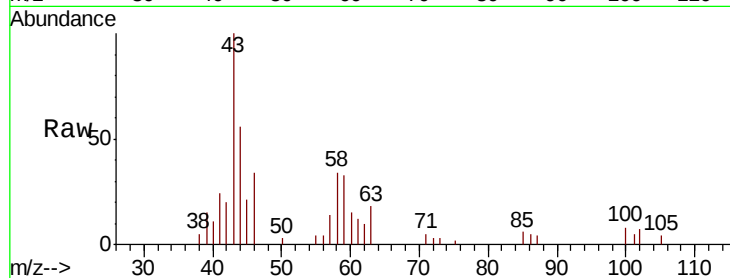
Ion Ratio Lower Upper

43 100

58 39.4 45.1 67.7#

57 8.4 15.7 23.5#

100 5.0 11.0 16.4#

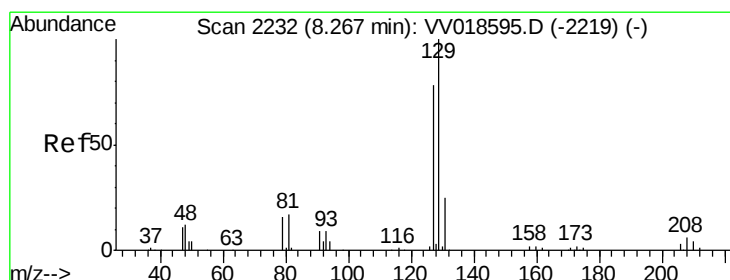
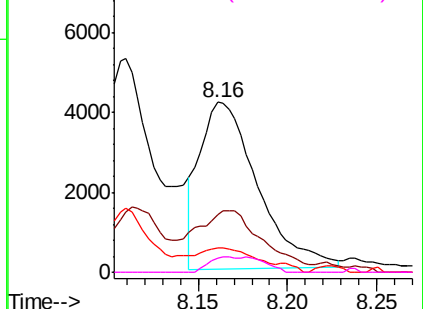
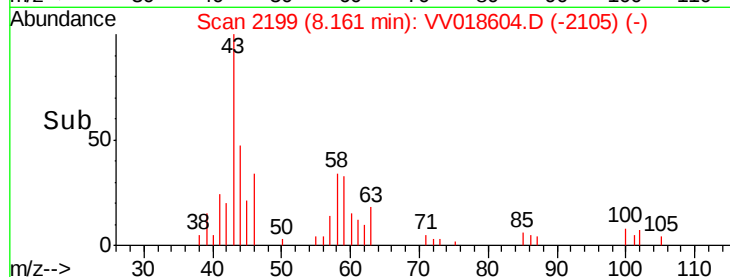


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#49

Dibromochloromethane

Concen: 0.712 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018604.D

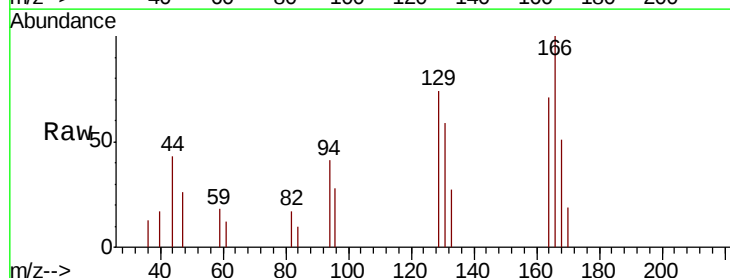
Acq: 01 Oct 2020 21:34

Tgt Ion: 129 Resp: 1815

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

