

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019191.D
 Acq On : 30 Oct 2020 17:50
 Operator : SY/MD
 Sample : L4543-02DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG456DL

Quant Time: Oct 31 03:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225810	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	218639	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79769	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.58	69	66206	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.98%
11) 1,1-Dichloroethene-d2	2.12	63	119699	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	3.91	46	112586	102.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	4.38	84	161106	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.05	65	119353	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
32) Benzene-d6	5.07	84	301913	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	6.09	67	94392	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.08%
41) Toluene-d8	7.34	98	275579	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	49951	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.11	63	76859	95.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.97%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	120485	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	119136	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

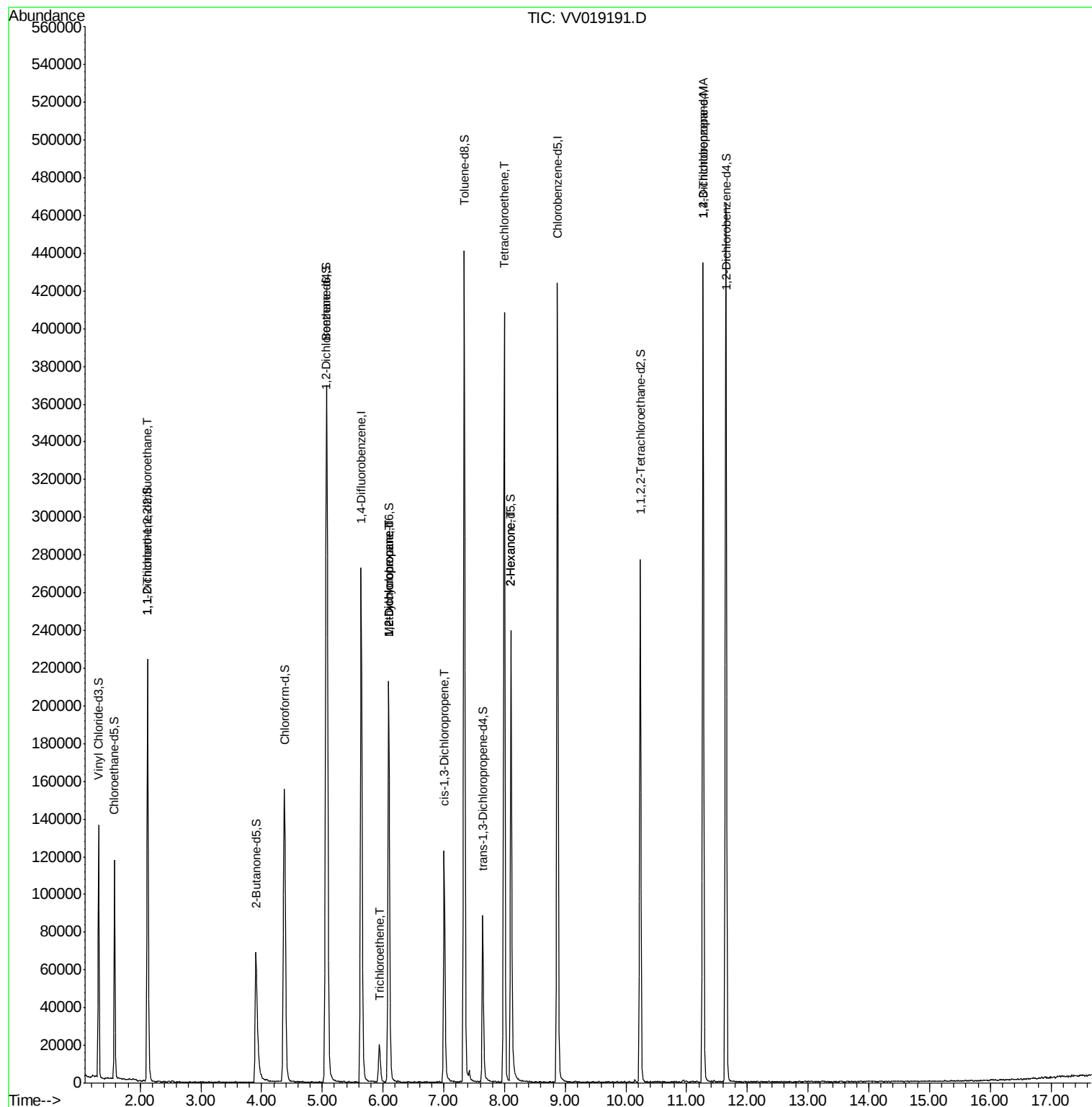
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1074	0.726	ug/L # 17
34) Trichloroethene	5.95	95	5672	3.284	ug/L 99
35) Methylcyclohexane	6.09	83	24491	10.505	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	12025	7.681	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	3431	1.327	ug/L # 76
46) Tetrachloroethene	8.00	164	88946	60.317	ug/L 97
48) 2-Hexanone	8.11	43	10274	5.985	ug/L # 70
59) 1,2,3-Trichloropropane	11.27	75	12303	6.012	ug/L 89

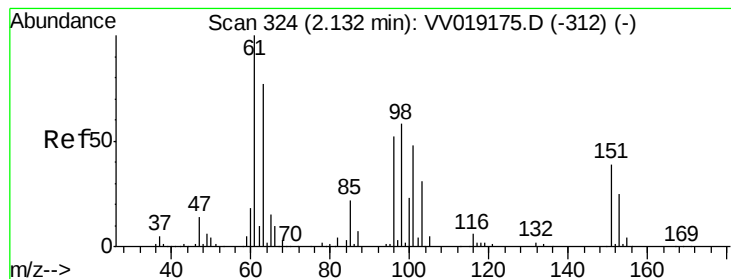
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.726 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019191.D

Acq: 30 Oct 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

BG456DL

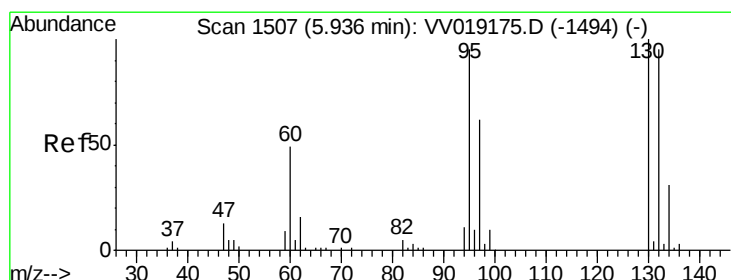
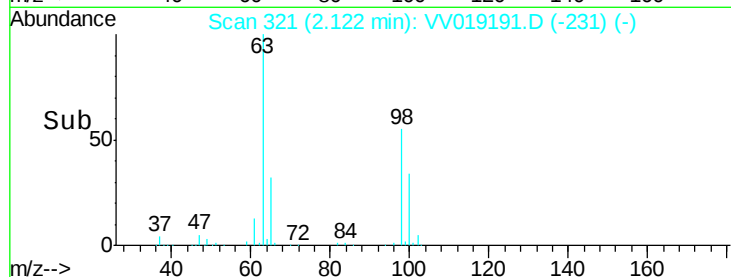
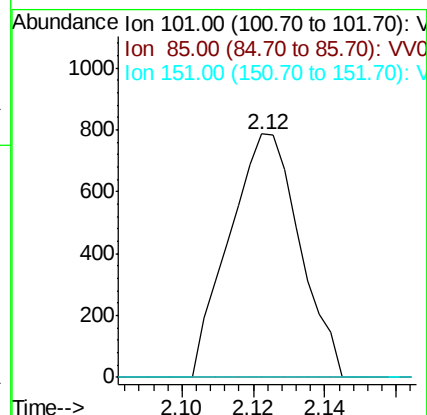
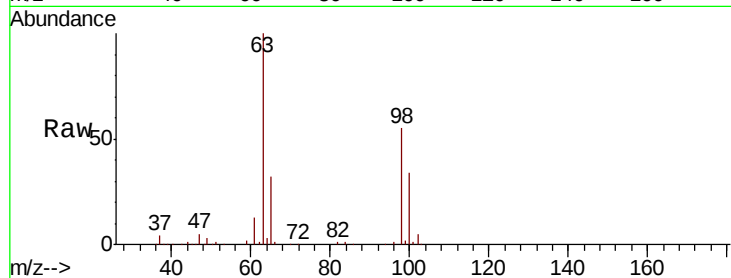
Tot Ion:101 Resp: 1074

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 65.0 97.4#



#34

Trichloroethene

Concen: 3.284 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV019191.D

Acq: 30 Oct 2020 17:50

Tgt Ion: 95 Resp: 5672

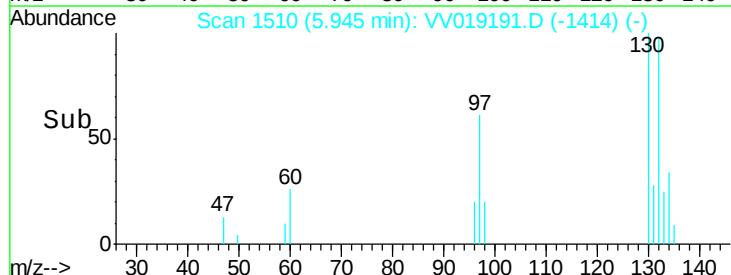
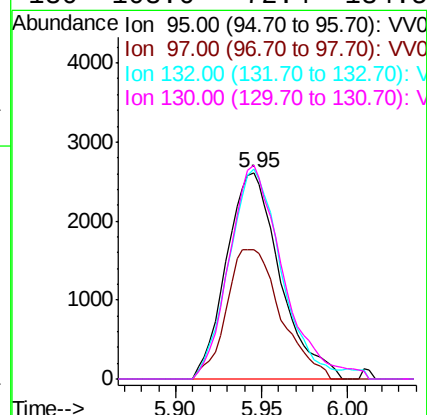
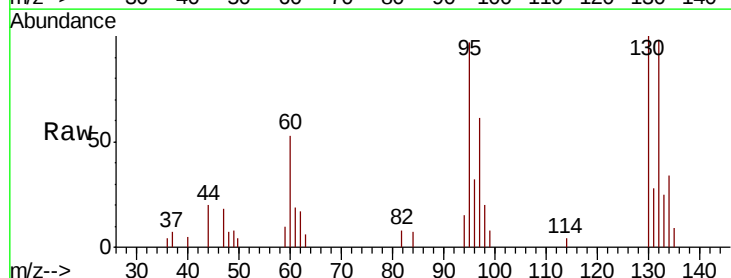
Ion Ratio Lower Upper

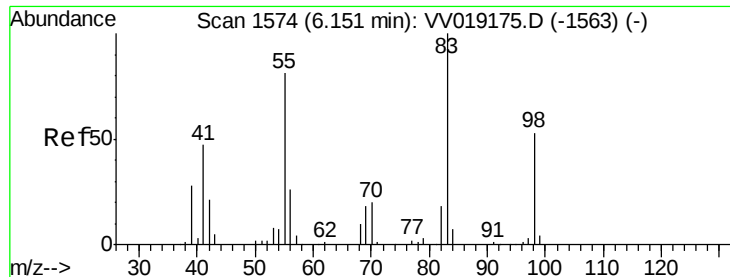
95 100

97 62.7 43.4 80.6

132 101.9 69.7 129.4

130 103.6 72.4 134.5

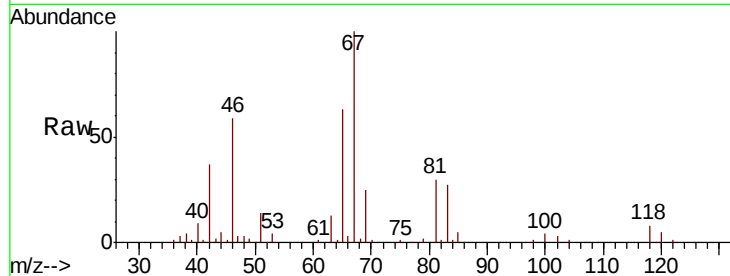




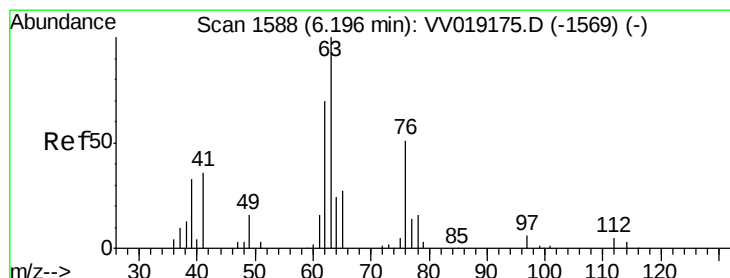
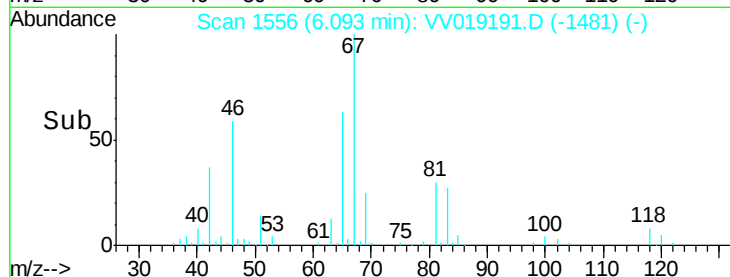
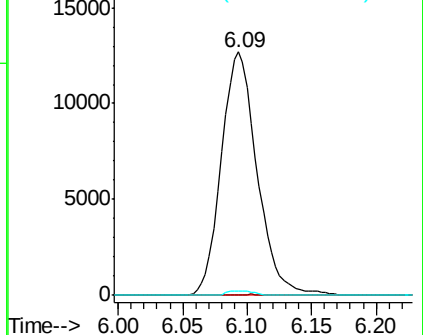
#35
Methvlcvclohexane
Concen: 10.505 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019191.D
Acq: 30 Oct 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :
BG456DL

Tot Ion: 83 Resp: 24491
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 1.3 39.4 59.2#

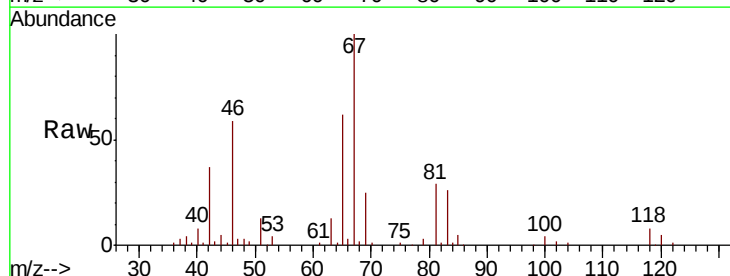


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

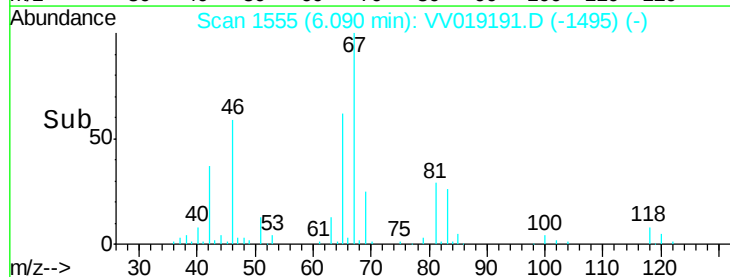
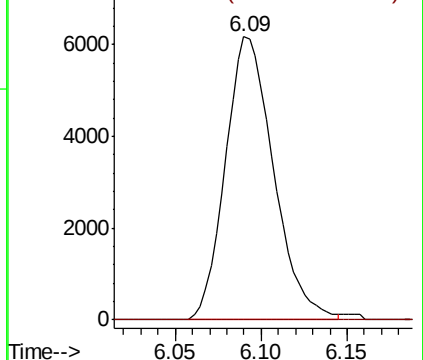


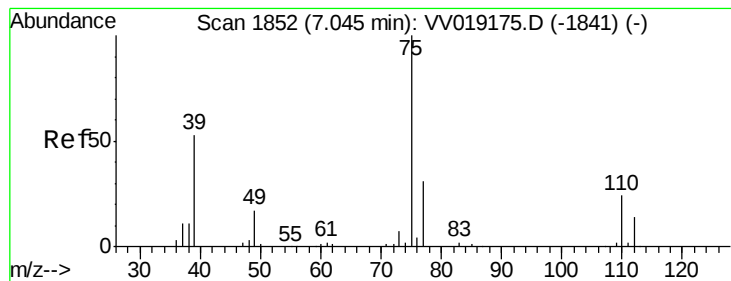
#37
1,2-Dichloropropane
Concen: 7.681 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019191.D
Acq: 30 Oct 2020 17:50

Tgt Ion: 63 Resp: 12025
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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: 1.327 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019191.D

Acq: 30 Oct 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

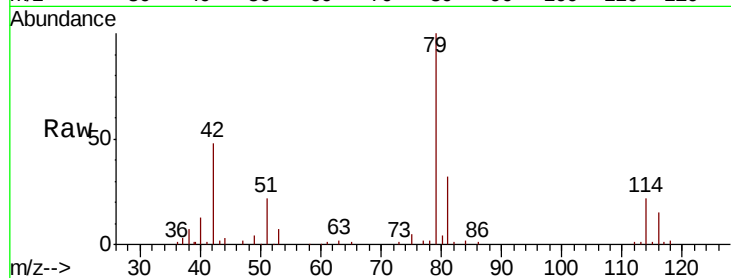
BG456DL

Tot Ion: 75 Resp: 3431

Ion Ratio Lower Upper

75 100

77 45.6 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019191.D (-1759) (-)

Ion 77.00 (76.70 to 77.70): VV019191.D (-1759) (-)

7.01

2000

1500

1000

500

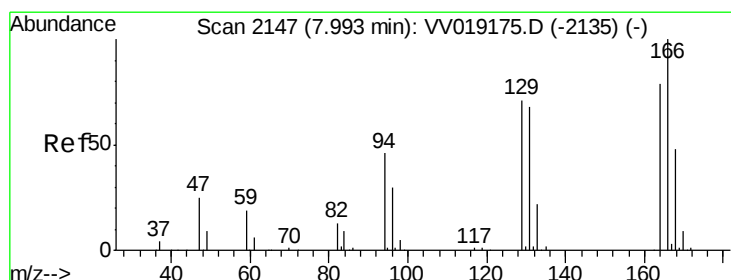
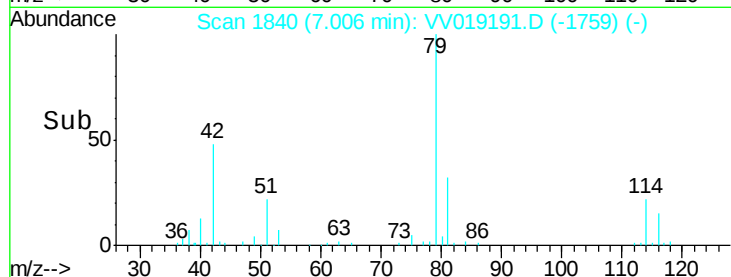
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 60.317 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019191.D

Acq: 30 Oct 2020 17:50

Tgt Ion:164 Resp: 88946

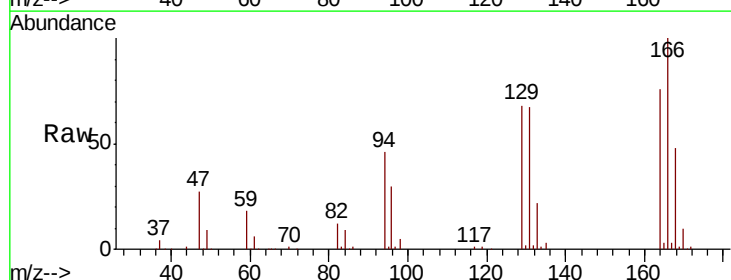
Ion Ratio Lower Upper

164 100

129 90.0 63.2 117.4

131 88.1 60.3 112.1

166 131.4 88.3 163.9



Abundance Ion 164.00 (163.70 to 164.70): VV019191.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019191.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019191.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019191.D (-2054) (-)

100000

80000

60000

40000

20000

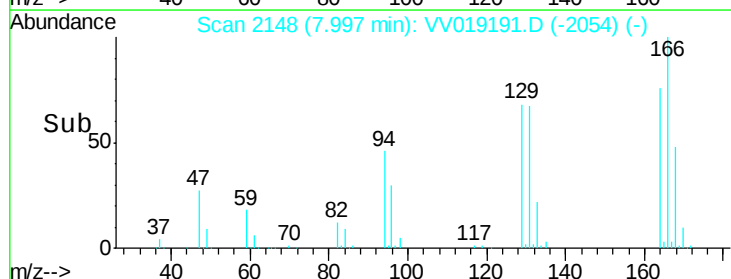
0

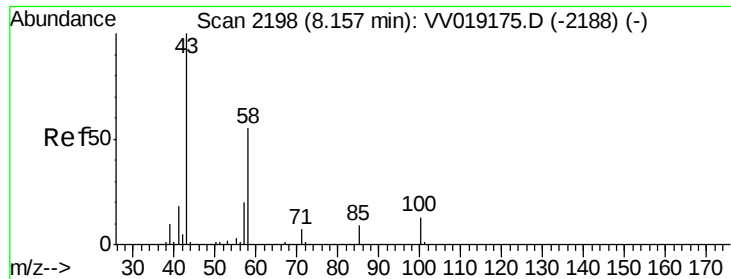
7.95

8.00

8.05

Time-->

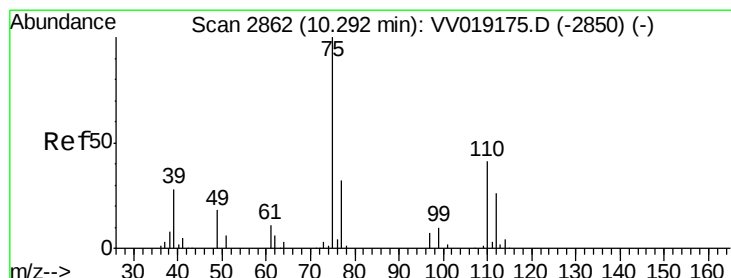
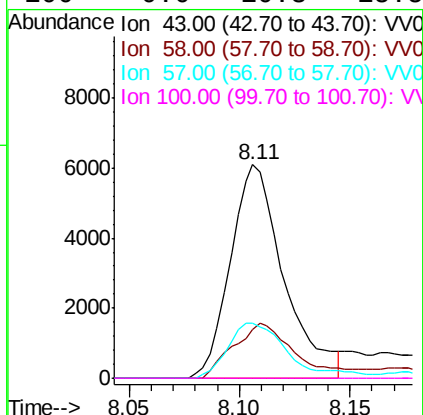
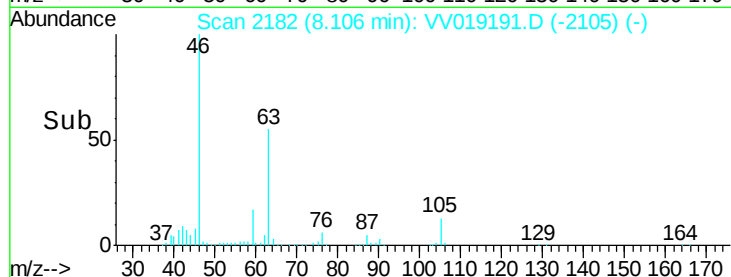
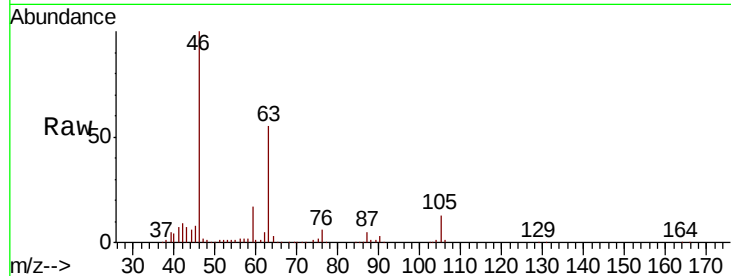




#48
 2-Hexanone
 Concen: 5.985 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV019191.D
 Acq: 30 Oct 2020 17:50

Instrument :
 MSVOA_V
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 BG456DL

Tot Ion: 43 Resp: 10274
 Ion Ratio Lower Upper
 43 100
 58 29.2 43.6 65.4#
 57 27.3 16.0 24.0#
 100 0.0 10.3 15.5#



#59
 1,2,3-Trichloropropane
 Concen: 6.012 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019191.D
 Acq: 30 Oct 2020 17:50

Tgt Ion: 75 Resp: 12303
 Ion Ratio Lower Upper
 75 100
 77 39.1 26.2 39.4

