

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018048.D
 Acq On : 18 Aug 2020 12:45
 Operator : SY/MD
 Sample : L3702-18ME
 Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:56:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362045	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360673	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	166398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	160138	57.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.94%
7) Chloroethane-d5	1.58	69	129810	57.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.88%
11) 1,1-Dichloroethene-d2	2.10	63	252451	47.78	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
21) 2-Butanone-d5	3.92	46	220648	121.96	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.96%
24) Chloroform-d	4.37	84	327472	65.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.24%#
26) 1,2-Dichloroethane-d4	5.05	65	224637	68.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.56%#
32) Benzene-d6	5.07	84	662097	66.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.22%#
36) 1,2-Dichloropropane-d6	6.09	67	217148	66.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	133.64%#
41) Toluene-d8	7.34	98	605750	67.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.52%#
43) trans-1,3-Dichloropropene-	7.64	79	105426	71.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	143.06%#
47) 2-Hexanone-d5	8.14	63	126020	120.84	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	249344	58.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	238641	72.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	145.74%#

Target Compounds

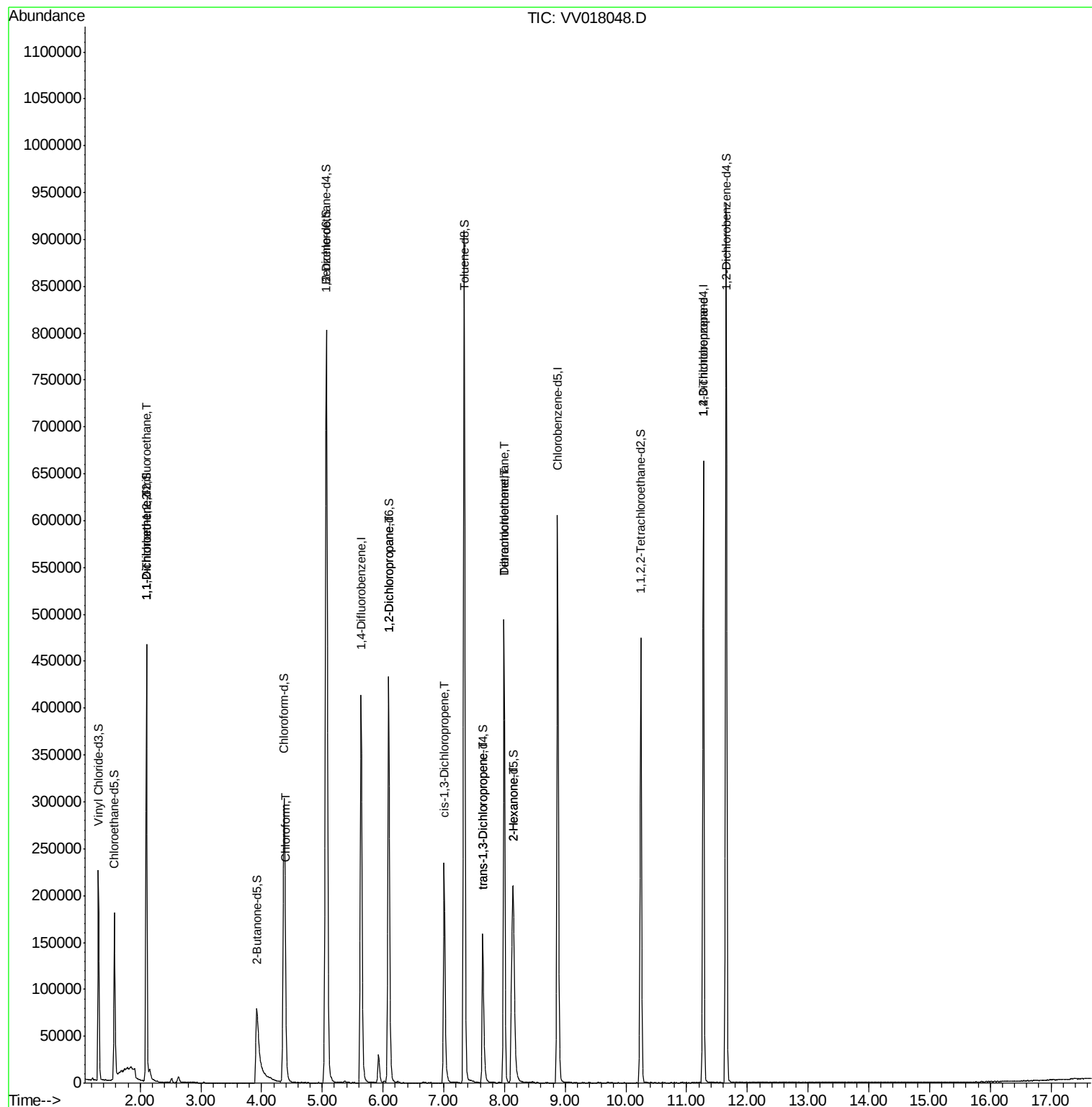
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	2245	0.875 ug/L #	20
12) 1,1-Dichloroethene	2.10	96	1900	0.782 ug/L #	1
25) Chloroform	4.40	83	5782	1.129 ug/L	80
37) 1,2-Dichloropropane	6.09	63	24623	8.091 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	5991	1.389 ug/L #	67
44) trans-1,3-Dichloropropene	7.64	75	4448	1.087 ug/L	86
46) Tetrachloroethene	8.00	164	114144	52.767 ug/L	99
48) 2-Hexanone	8.14	43	25242	7.869 ug/L #	56
49) Dibromochloromethane	7.99	129	104278	37.909 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	20411	5.431 ug/L	92

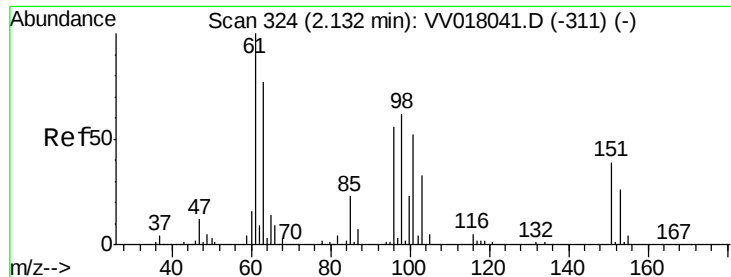
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 07:54:18 2020
Response via : Initial Calibration





#10

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

Concen: 0.875 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV018048.D

Acq: 18 Aug 2020 12:45

Instrument :

MSVOA_V

ClientSampleId :

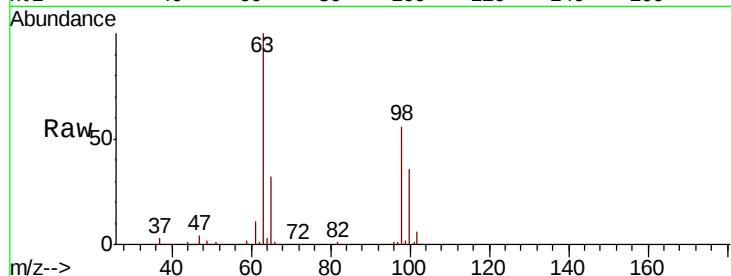
Tot Ion:101 Resp: 2245

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#



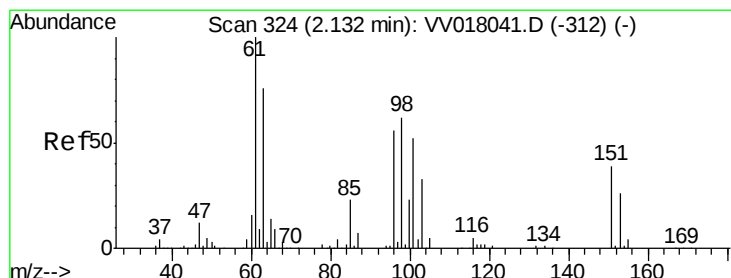
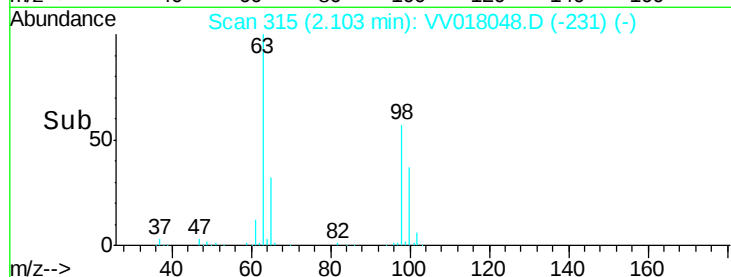
Abundance Ion 101.00 (100.70 to 101.70): VV018041.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018041.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018041.D (-311) (-)

2.10

Time-->



#12

1,1-Dichloroethene

Concen: 0.782 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV018048.D

Acq: 18 Aug 2020 12:45

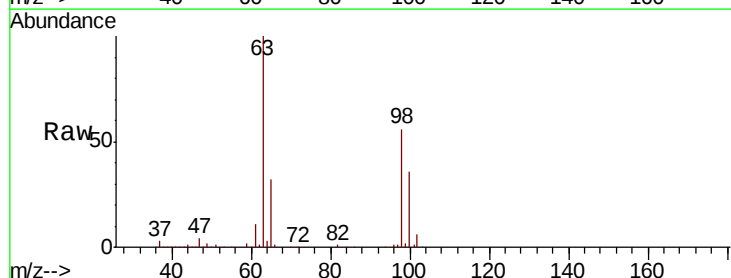
Tgt Ion: 96 Resp: 1900

Ion Ratio Lower Upper

96 100

61 1489.7 127.1 236.0#

63 13062.3 95.2 176.8#



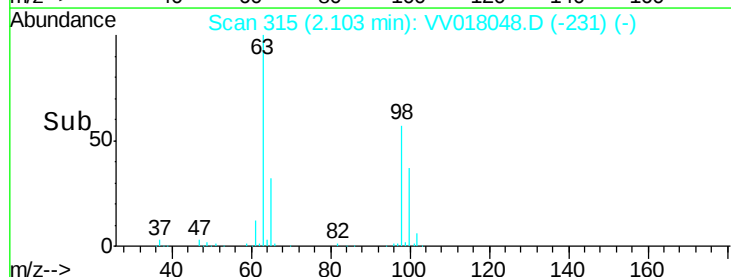
Abundance Ion 96.00 (95.70 to 96.70): VV018048.D (-231) (-)

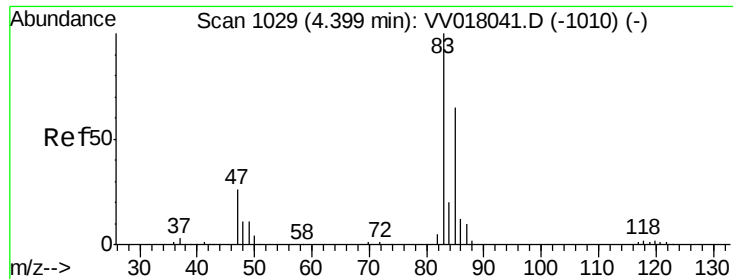
Ion 61.00 (60.70 to 61.70): VV018048.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018048.D (-231) (-)

2.10

Time-->

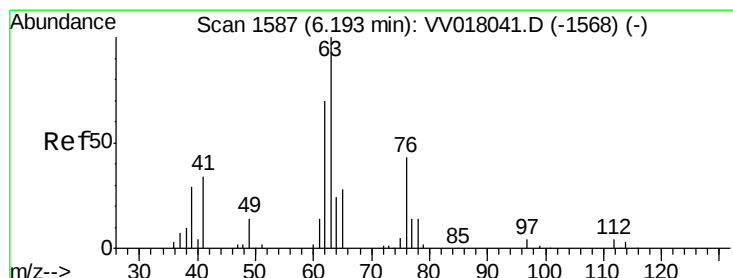
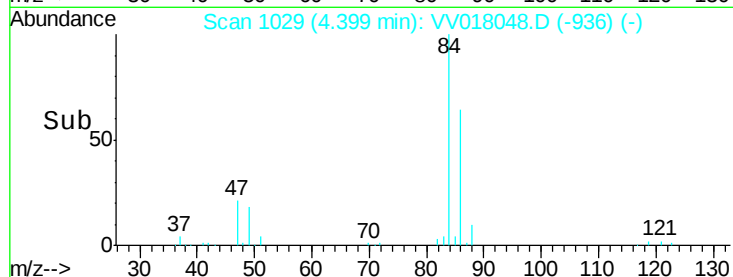
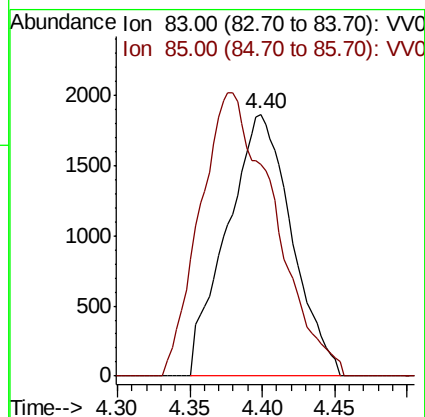
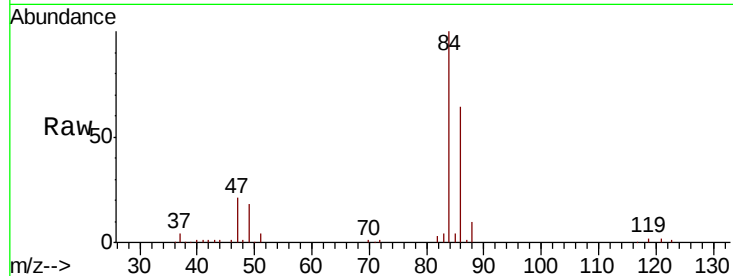




#25
Chloroform
Concen: 1.129 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018048.D
Acq: 18 Aug 2020 12:45

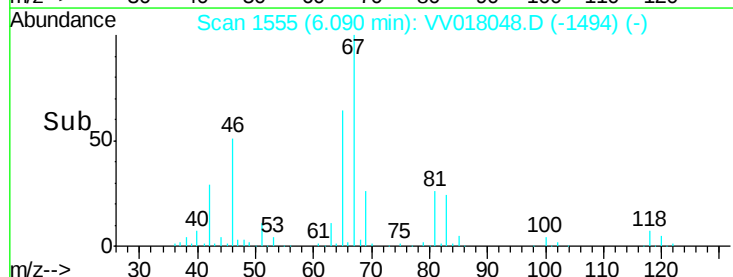
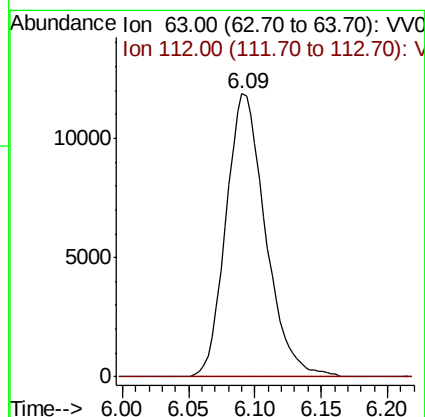
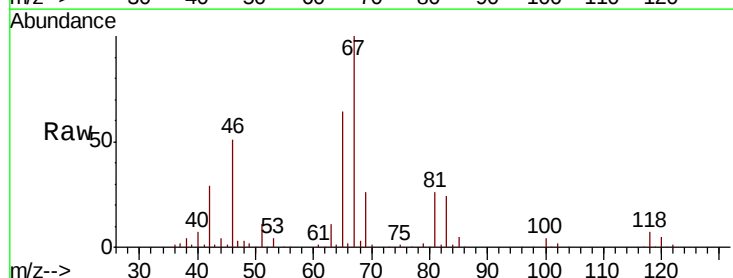
Instrument :
MSVOA_V
ClientSampleId :

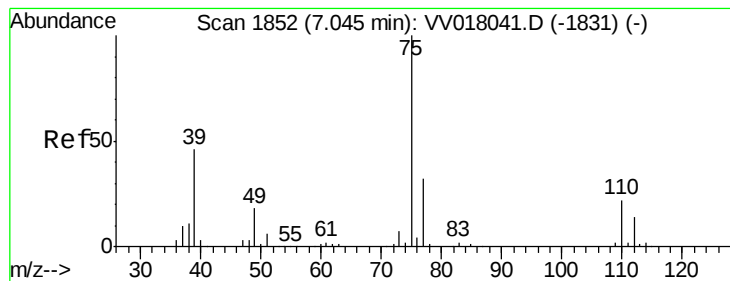
Tot Ion: 83 Resp: 5782
Ion Ratio Lower Upper
83 100
85 80.9 45.5 84.5



#37
1,2-Dichloropropane
Concen: 8.091 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018048.D
Acq: 18 Aug 2020 12:45

Tgt Ion: 63 Resp: 24623
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 1.389 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018048.D

Acq: 18 Aug 2020 12:45

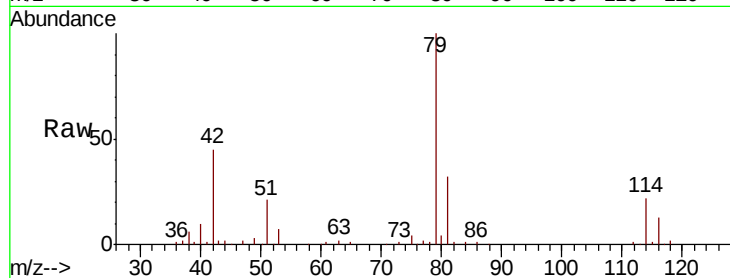
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 5991

Ion Ratio Lower Upper

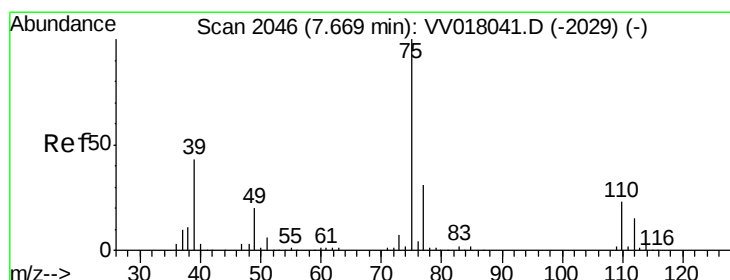
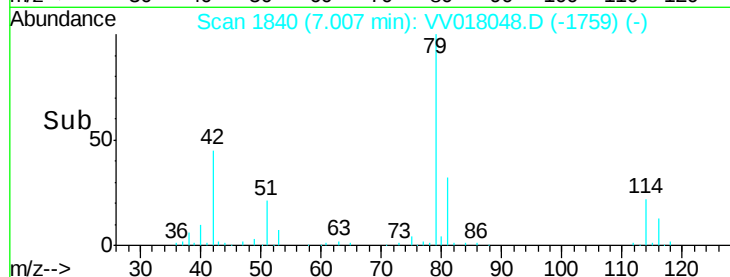
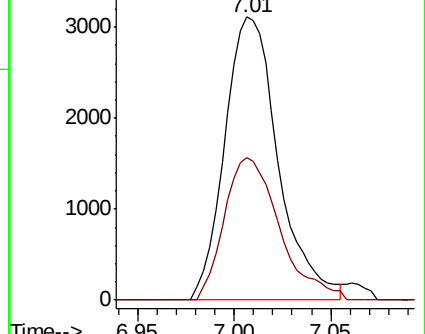
75 100

77 50.5 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV018048.D

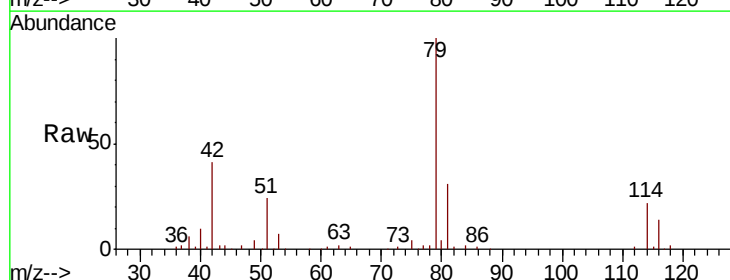
Acq: 18 Aug 2020 12:45

Tgt Ion: 75 Resp: 4448

Ion Ratio Lower Upper

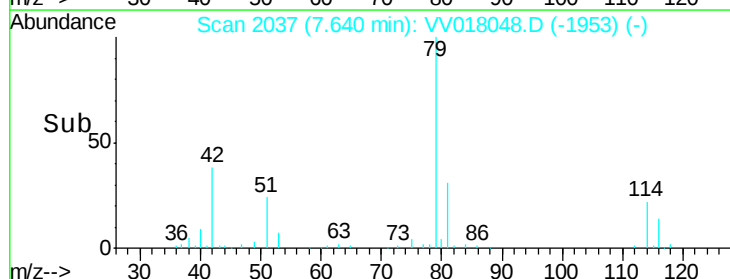
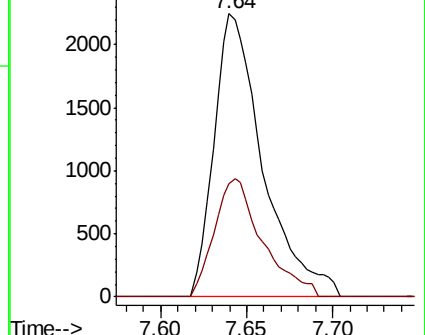
75 100

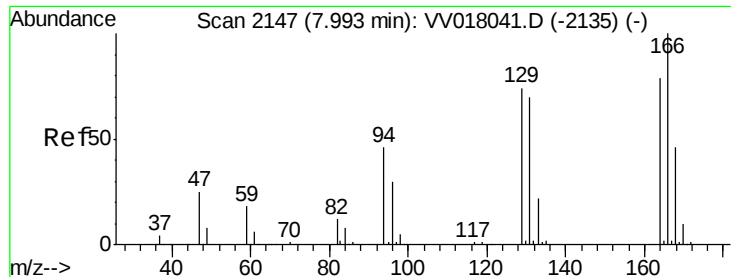
77 39.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

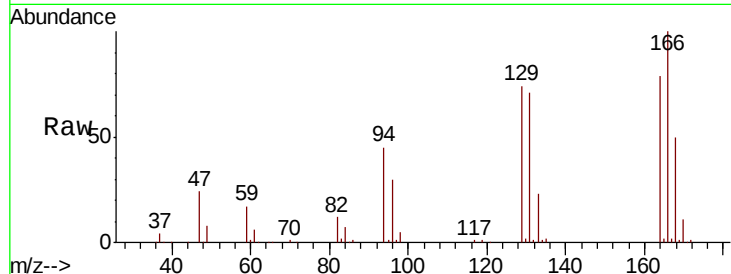




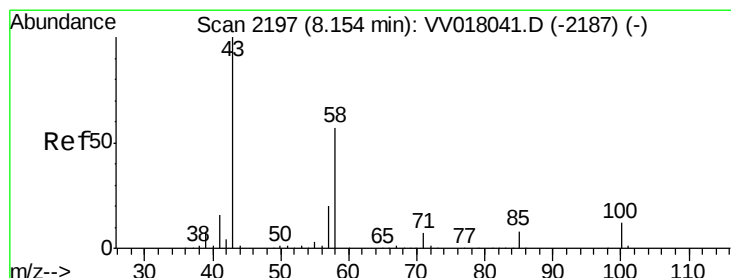
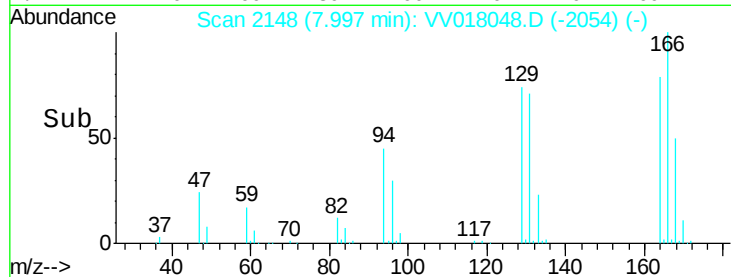
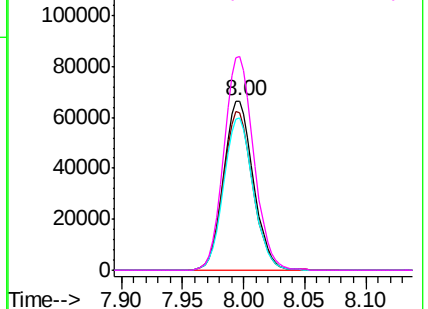
#46
Tetrachloroethene
Concen: 52.767 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018048.D
Acq: 18 Aug 2020 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 114144
Ion Ratio Lower Upper
164 100
129 92.6 64.8 120.3
131 89.7 64.5 119.9
166 126.0 88.9 165.1

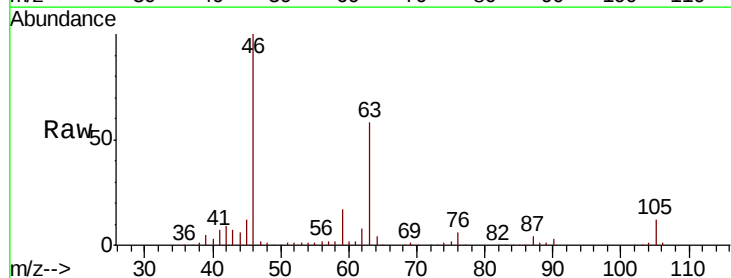


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

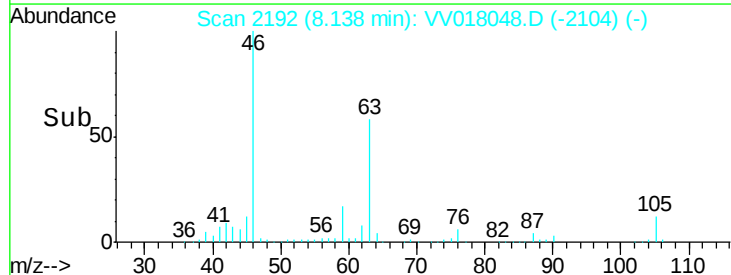
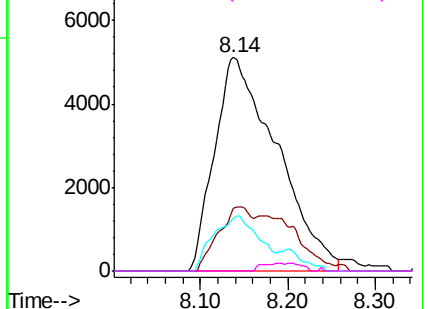


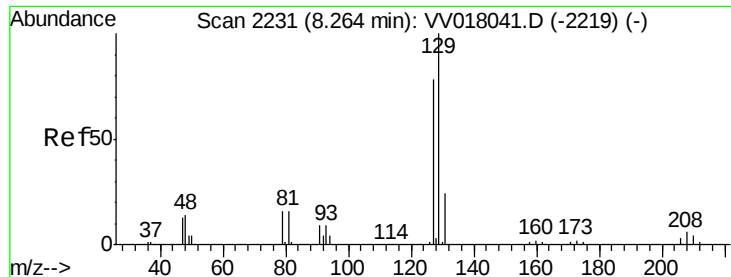
#48
2-Hexanone
Concen: 7.869 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV018048.D
Acq: 18 Aug 2020 12:45

Tgt Ion: 43 Resp: 25242
Ion Ratio Lower Upper
43 100
58 10.6 44.4 66.6#
57 18.9 15.2 22.8
100 0.5 9.8 14.6#



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: 37.909 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV018048.D

Acq: 18 Aug 2020 12:45

Instrument :

MSVOA_V

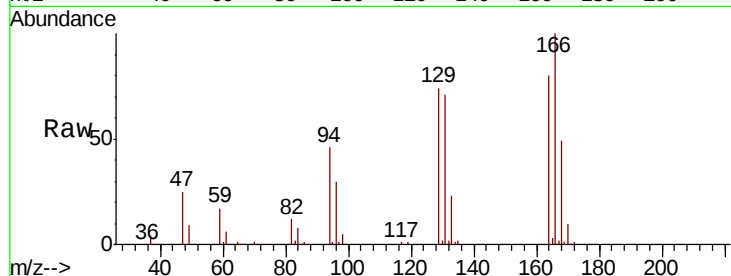
ClientSampleId :

Tot Ion:129 Resp: 104278

Ion Ratio Lower Upper

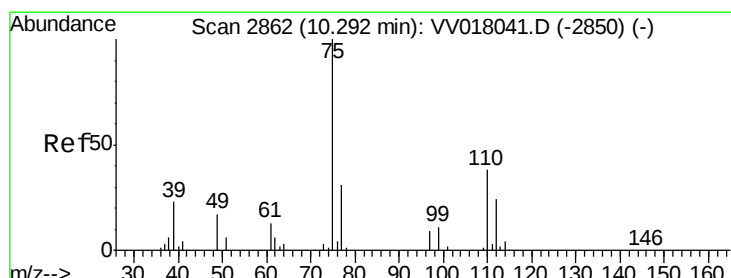
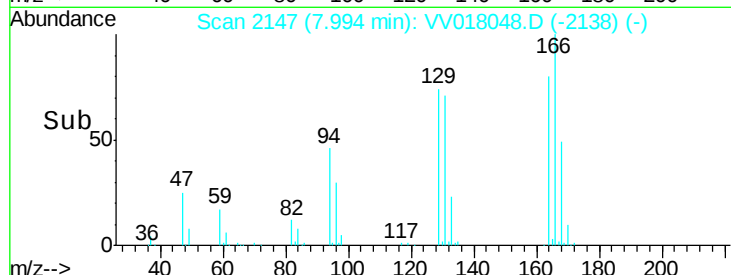
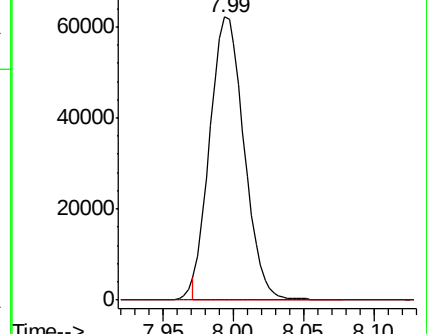
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018048.D

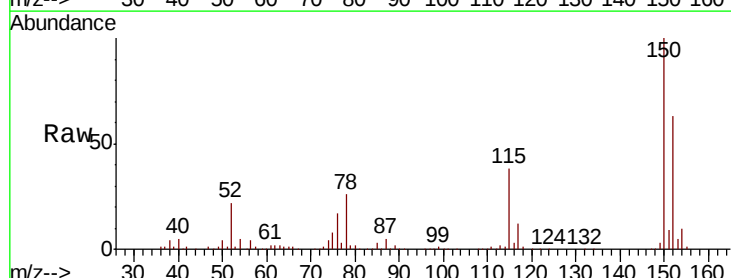
Acq: 18 Aug 2020 12:45

Tgt Ion: 75 Resp: 20411

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

