

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018195.D
 Acq On : 11 Sep 2020 14:05
 Operator : SY/MD
 Sample : L3950-15ME
 Misc : 7.00uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ5ME

Quant Time: Sep 12 01:30:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 01:23:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	253025	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113793	55.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.36%
7) Chloroethane-d5	1.58	69	93097	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.34%
11) 1,1-Dichloroethene-d2	2.10	63	167214	44.21	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
21) 2-Butanone-d5	3.92	46	130656	103.52	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.37	84	204102	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.10%
26) 1,2-Dichloroethane-d4	5.05	65	143550	62.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.18%#
32) Benzene-d6	5.06	84	436002	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.40%
36) 1,2-Dichloropropane-d6	6.09	67	141355	60.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.82%#
41) Toluene-d8	7.33	98	389643	58.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.08%
43) trans-1,3-Dichloropropene-	7.64	79	69072	58.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.14%
47) 2-Hexanone-d5	8.13	63	96692	110.00	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160309	55.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	157429	63.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.64%#

Target Compounds

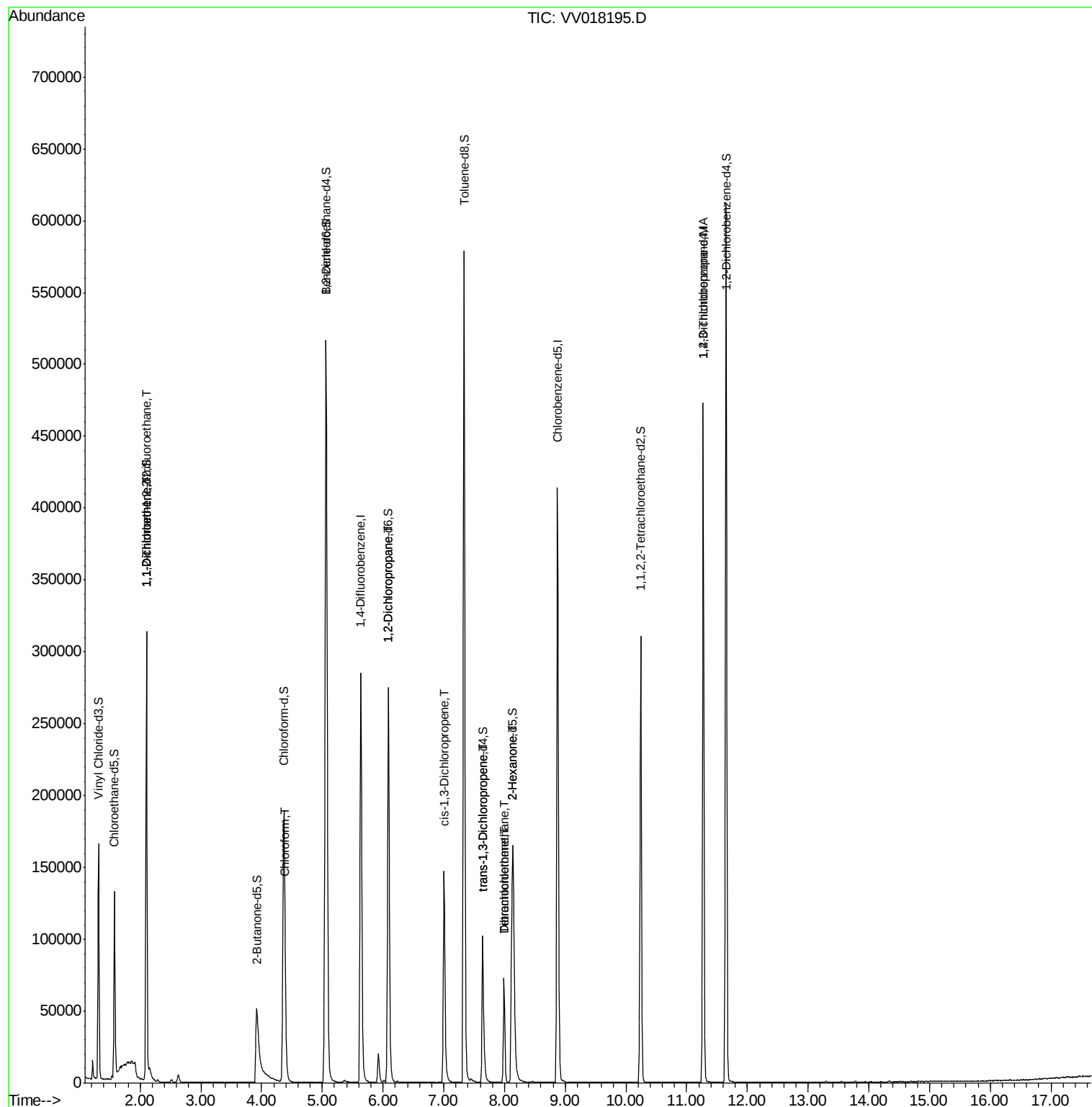
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1541	0.903	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	1317	0.793	ug/L #	1
25) Chloroform	4.40	83	11818	3.591	ug/L	88
37) 1,2-Dichloropropane	6.09	63	15222	7.875	ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	3836	1.288	ug/L #	58
44) trans-1,3-Dichloropropene	7.64	75	2955	1.019	ug/L	98
46) Tetrachloroethene	7.99	164	17057	10.948	ug/L	98
48) 2-Hexanone	8.13	43	5833	3.155	ug/L #	75
49) Dibromochloromethane	7.99	129	15443	7.679	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14064	6.186	ug/L	92

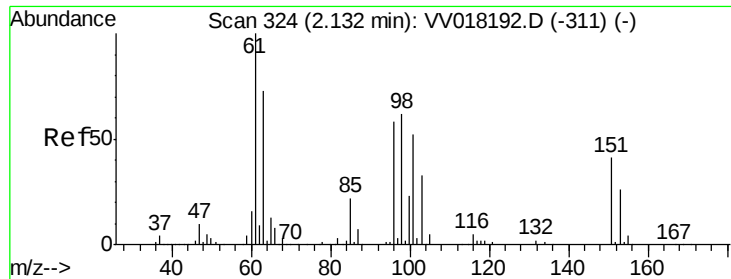
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 12 01:23:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.903 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV018195.D

Acq: 11 Sep 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

BFWZ5ME

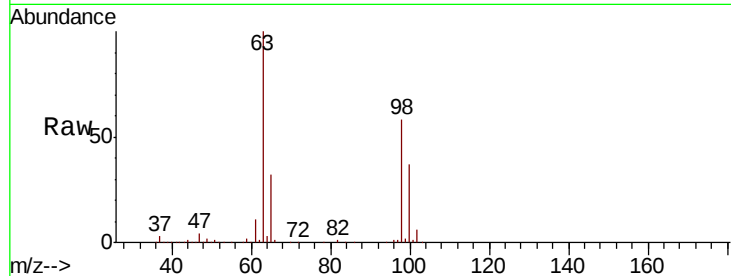
Tot Ion:101 Resp: 1541

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

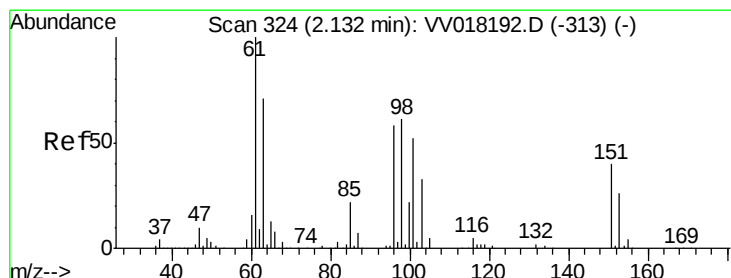
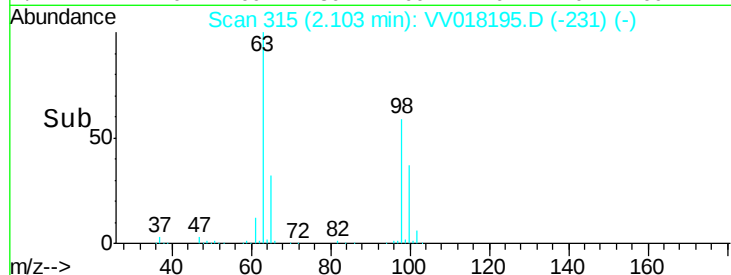
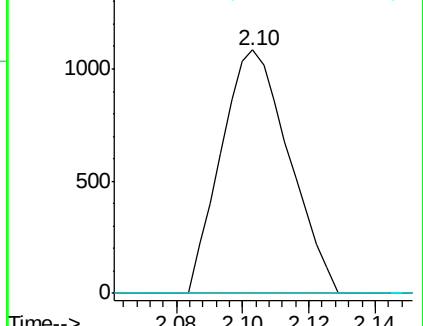
151 0.0 62.2 93.2#



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: 0.793 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV018195.D

Acq: 11 Sep 2020 14:05

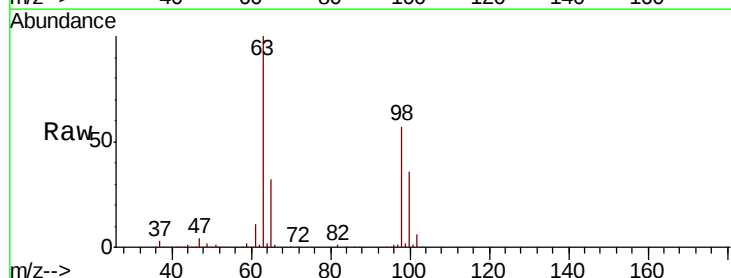
Tgt Ion: 96 Resp: 1317

Ion Ratio Lower Upper

96 100

61 1490.3 122.9 228.3#

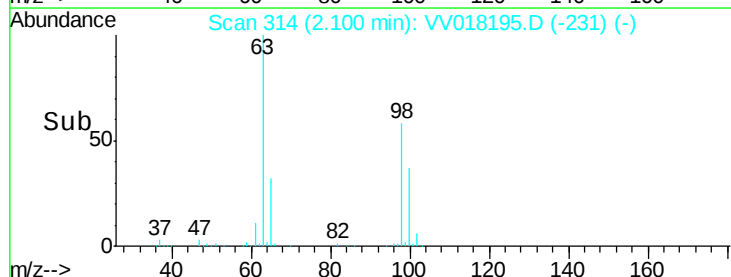
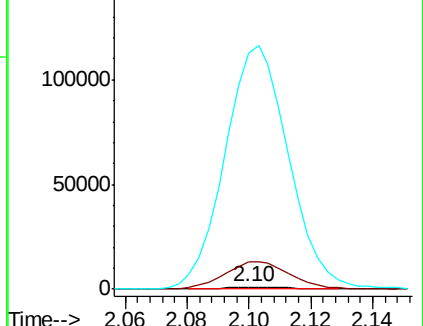
63 13115.2 91.9 170.7#

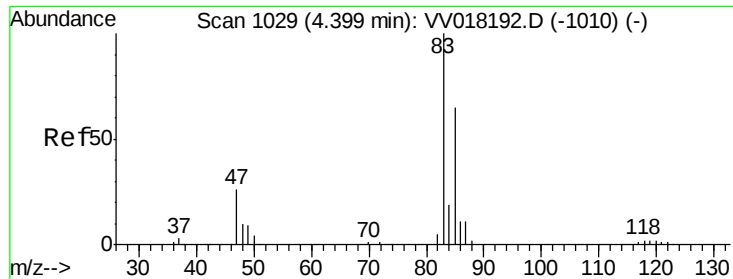


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

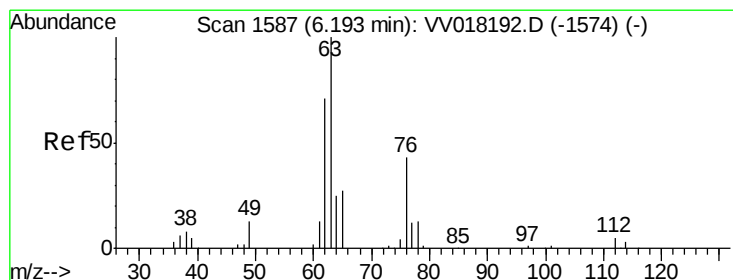
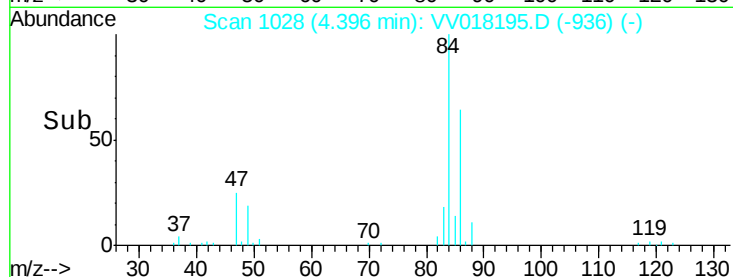
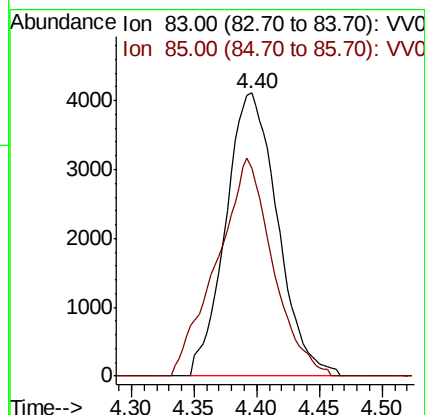
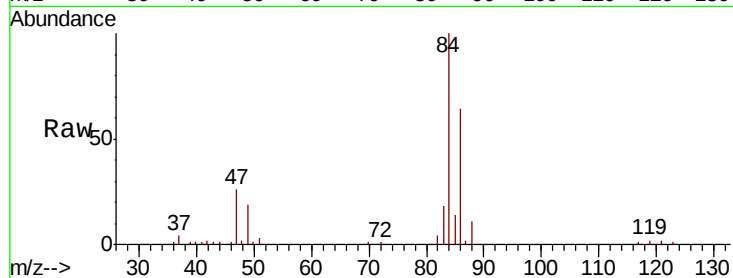




#25
Chloroform
Concen: 3.591 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

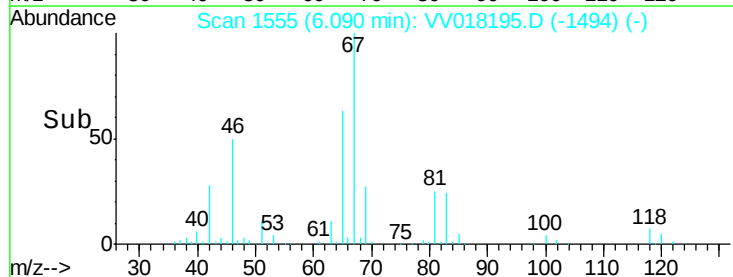
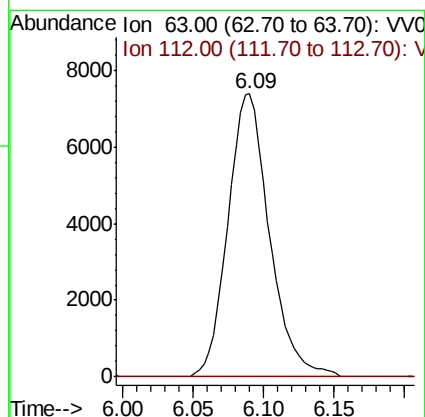
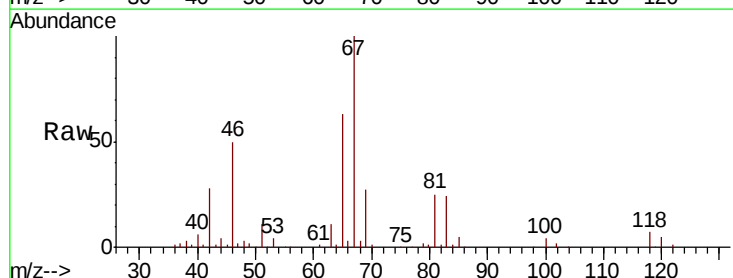
Instrument :
MSVOA_V
ClientSampleId :
BFWZ5ME

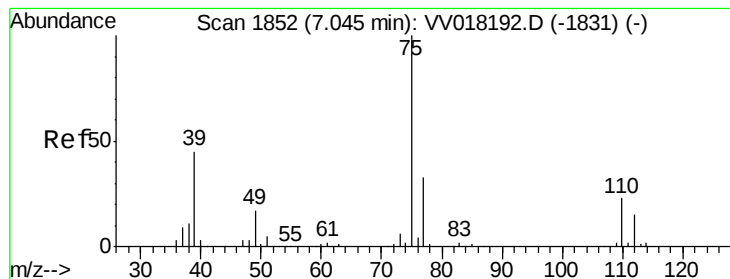
Tot Ion: 83 Resp: 11818
Ion Ratio Lower Upper
83 100
85 73.6 45.0 83.6



#37
1,2-Dichloropropane
Concen: 7.875 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

Tgt Ion: 63 Resp: 15222
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



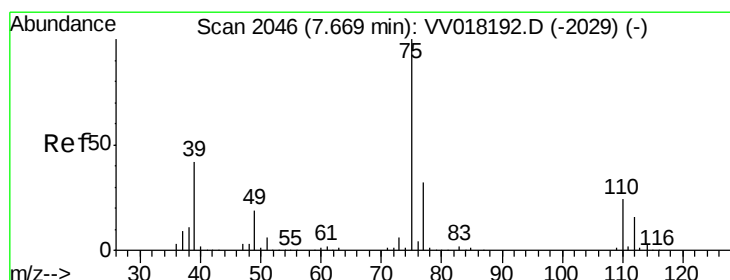
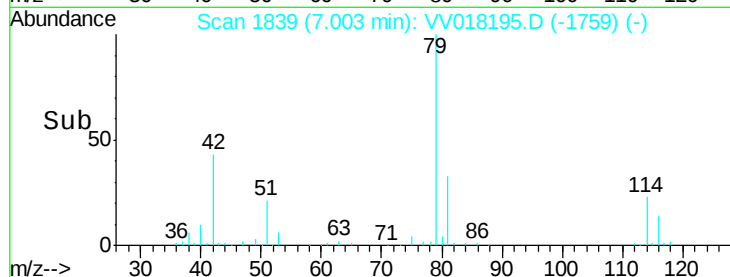
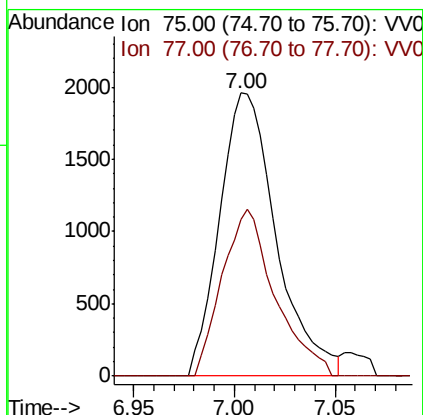
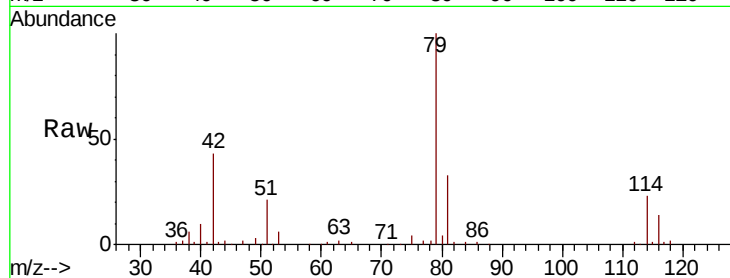


#39

cis-1,3-Dichloropropene
Concen: 1.288 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
BFWZ5ME

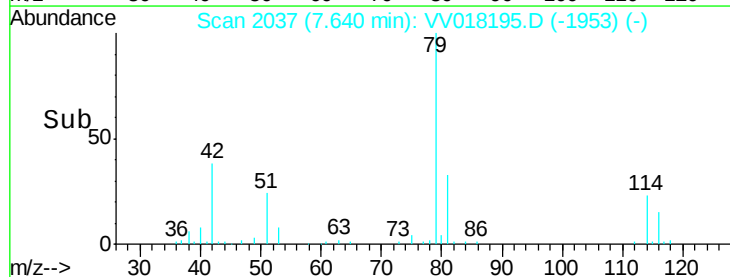
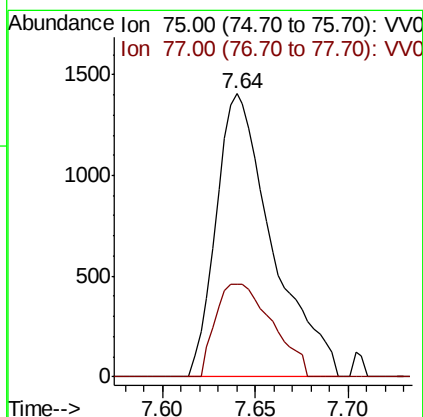
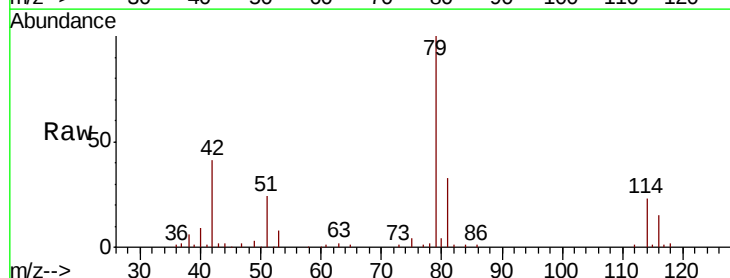
Tot Ion: 75 Resp: 3836
Ion Ratio Lower Upper
75 100
77 55.2 22.3 41.3#

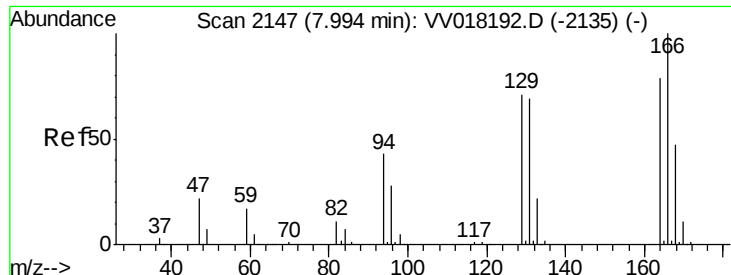


#44

trans-1,3-Dichloropropene
Concen: 1.019 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

Tgt Ion: 75 Resp: 2955
Ion Ratio Lower Upper
75 100
77 32.9 22.3 41.5

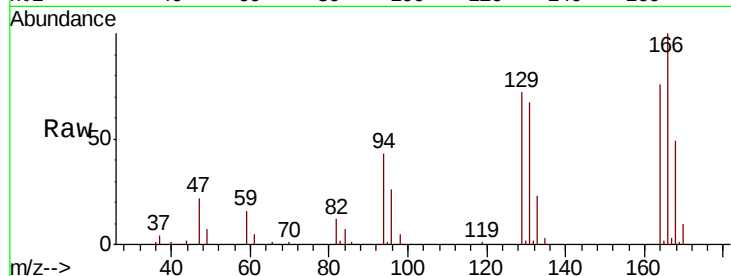




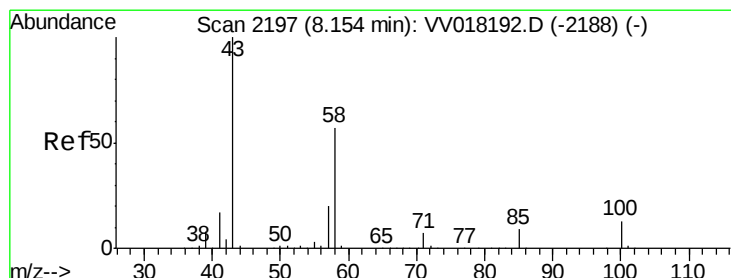
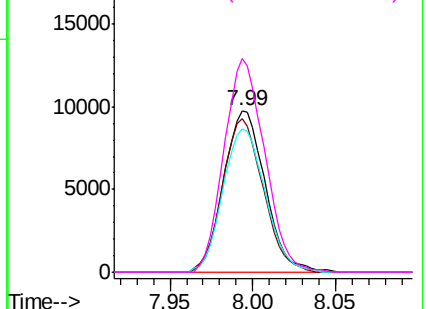
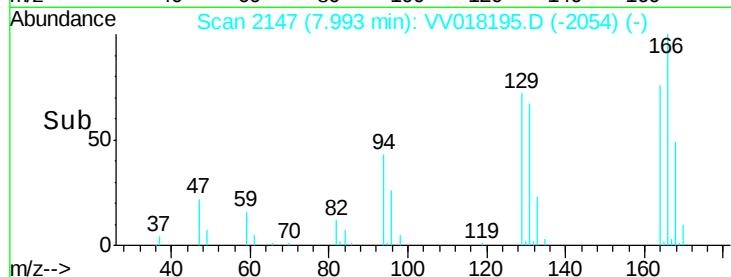
#46
Tetrachloroethene
Concen: 10.948 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
BFWZ5ME

Tot Ion:164 Resp: 17057
Ion Ratio Lower Upper
164 100
129 94.7 64.5 119.7
131 88.5 61.8 114.8
166 132.0 90.6 168.2

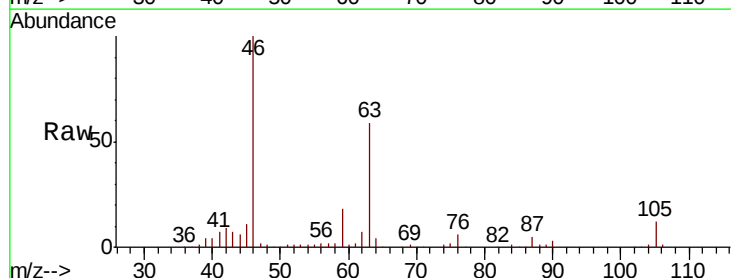


Abundance Ion 164.00 (163.70 to 164.70): V
20000
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

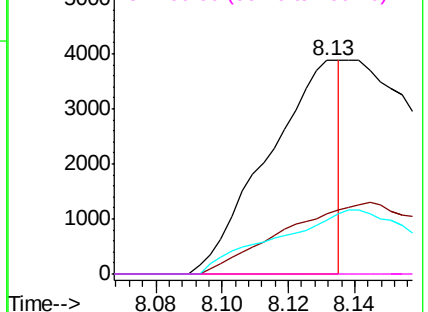
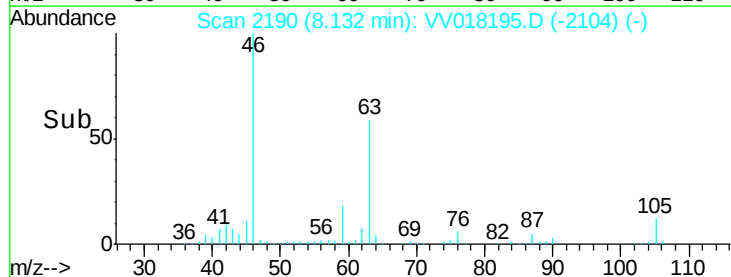


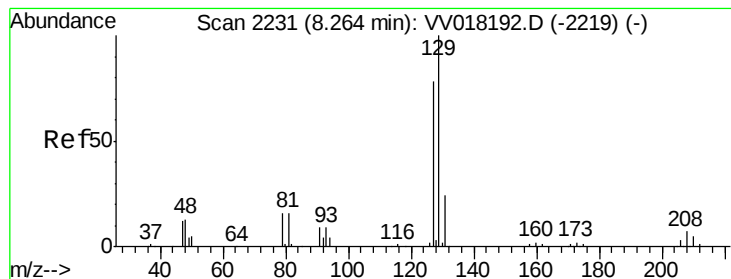
#48
2-Hexanone
Concen: 3.155 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.02 min
Lab File: VV018195.D
Acq: 11 Sep 2020 14:05

Tgt Ion: 43 Resp: 5833
Ion Ratio Lower Upper
43 100
58 56.2 44.8 67.2
57 61.6 15.8 23.6#
100 1.7 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
6000
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

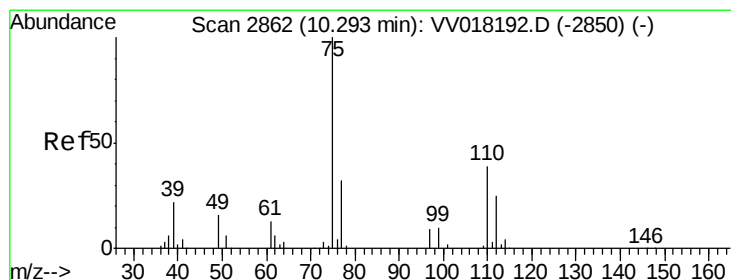
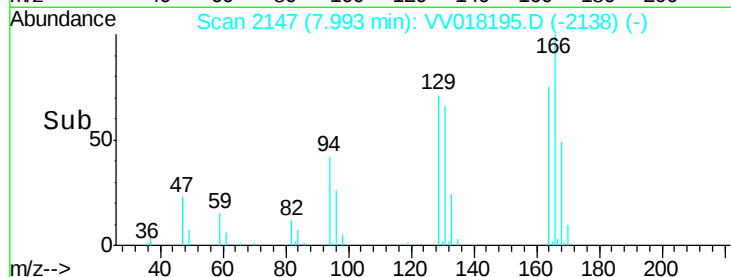
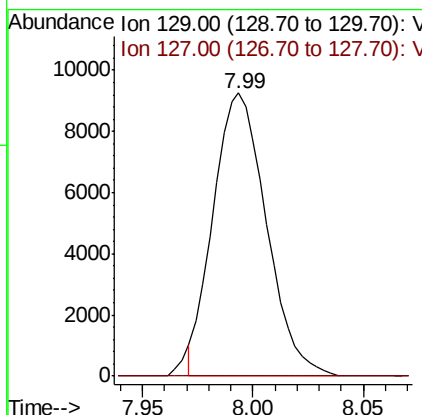
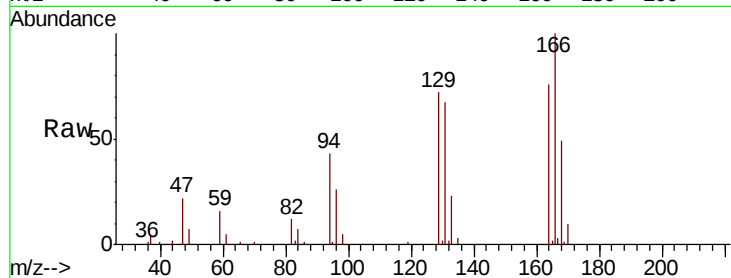




#49
 Dibromochloromethane
 Concen: 7.679 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.27 min
 Lab File: VV018195.D
 Acq: 11 Sep 2020 14:05

Instrument :
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Tot Ion:129 Resp: 15443
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#



#59
 1,2,3-Trichloropropane
 Concen: 6.186 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV018195.D
 Acq: 11 Sep 2020 14:05

Tgt Ion: 75 Resp: 14064
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.8 38.6

