

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018770.D
 Acq On : 08 Oct 2020 17:10
 Operator : SY/MD
 Sample : L4254-16ME
 Misc : 5.34g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3T9ME

Quant Time: Oct 09 07:19:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356478	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	385883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142263	68.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	136.10%#
7) Chloroethane-d5	1.58	69	123498	71.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	142.88%#
11) 1,1-Dichloroethene-d2	2.10	63	246358	57.83	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.66%
21) 2-Butanone-d5	3.92	46	207603	133.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.12%#
24) Chloroform-d	4.37	84	313239	69.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.58%#
26) 1,2-Dichloroethane-d4	5.05	65	230622	80.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.72%#
32) Benzene-d6	5.07	84	618030	63.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.46%#
36) 1,2-Dichloropropane-d6	6.09	67	208524	70.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	141.22%#
41) Toluene-d8	7.34	98	563670	61.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.60%#
43) trans-1,3-Dichloropropene-	7.64	79	103271	64.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	129.46%#
47) 2-Hexanone-d5	8.14	63	135086	120.42	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	229038	58.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	227214	72.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	144.54%#

Target Compounds

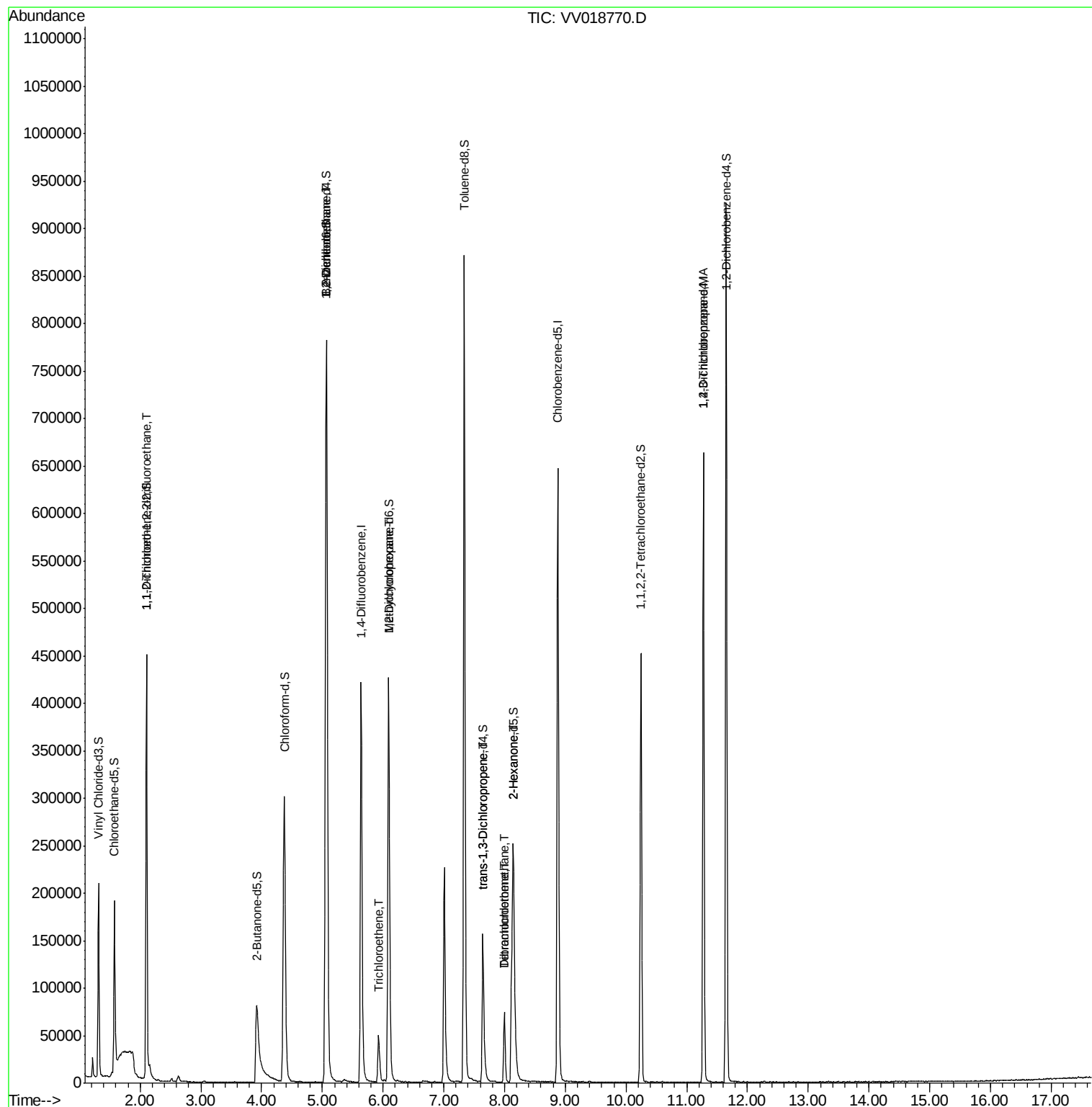
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1956	0.843	ug/L #	17
27) 1,2-Dichloroethane	5.07	62	4462	1.216	ug/L	96
34) Trichloroethene	5.94	95	2881	0.875	ug/L	91
35) Methylcyclohexane	6.09	83	48828	10.998	ug/L #	19
44) trans-1,3-Dichloropropene	7.64	75	4828	1.077	ug/L	91
46) Tetrachloroethene	8.00	164	16945	6.346	ug/L	98
48) 2-Hexanone	8.15	43	20070	6.854	ug/L #	62
49) Dibromochloromethane	8.00	129	14745	4.477	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	19714	5.572	ug/L #	87

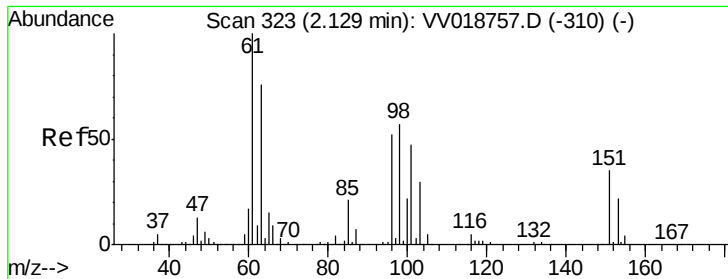
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 07:19:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:09:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.843 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.02 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

Instrument :

MSVOA_V

ClientSampleId :

BG3T9ME

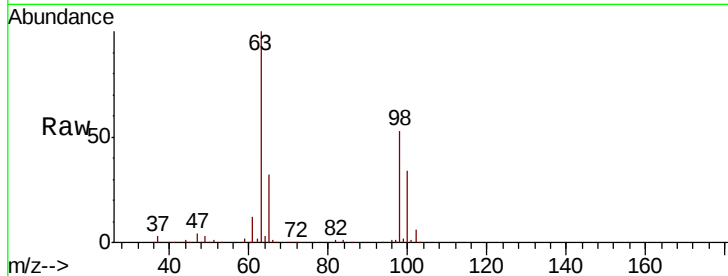
Tot Ion:101 Resp: 1956

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

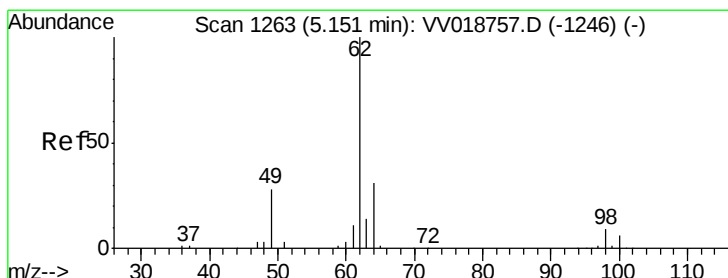
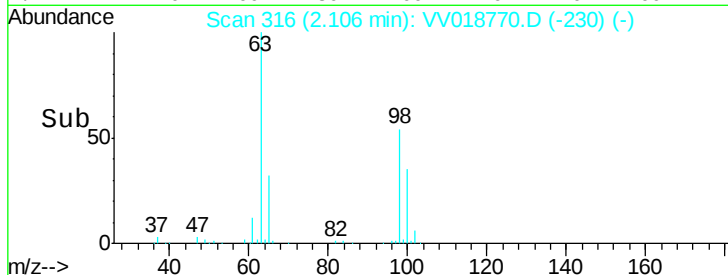
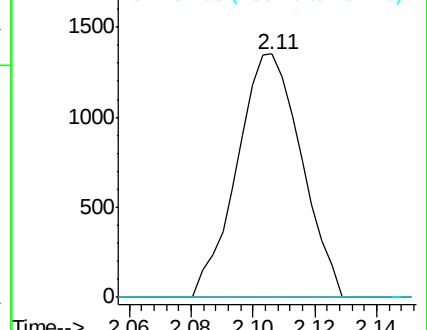
151 0.0 64.3 96.5#



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



#27

1,2-Dichloroethane

Concen: 1.216 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.08 min

Lab File: VV018770.D

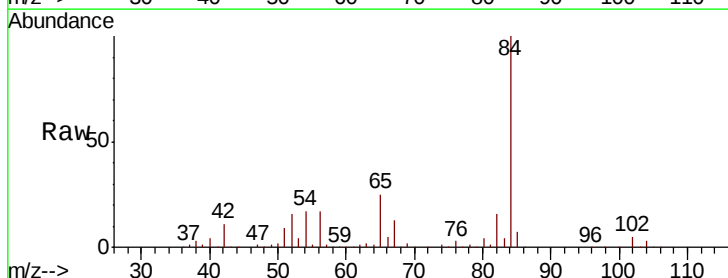
Acq: 08 Oct 2020 17:10

Tgt Ion: 62 Resp: 4462

Ion Ratio Lower Upper

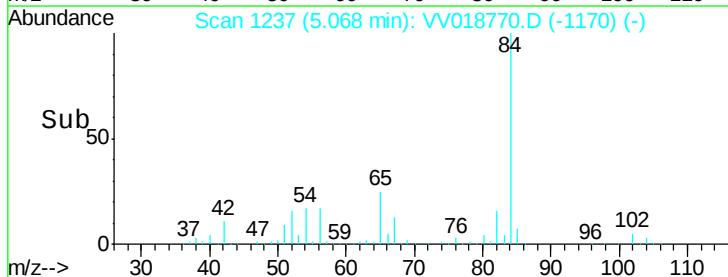
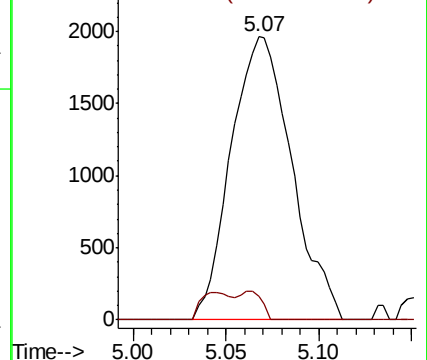
62 100

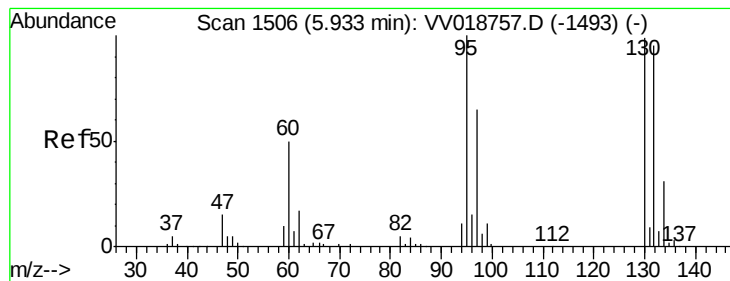
98 8.3 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 0.875 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

Instrument :

MSVOA_V

ClientSampleId :

BG3T9ME

Tot Ion: 95 Resp: 2881

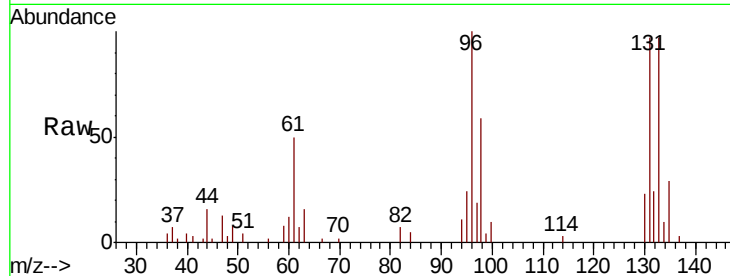
Ion Ratio Lower Upper

95 100

97 80.4 45.9 85.3

132 101.3 70.8 131.4

130 96.5 75.3 139.8

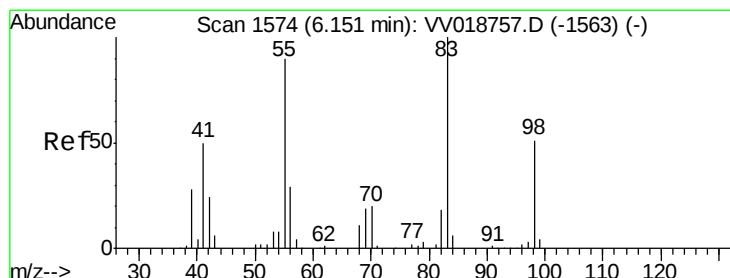
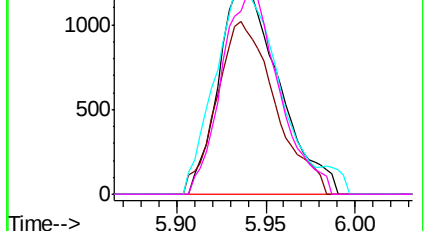
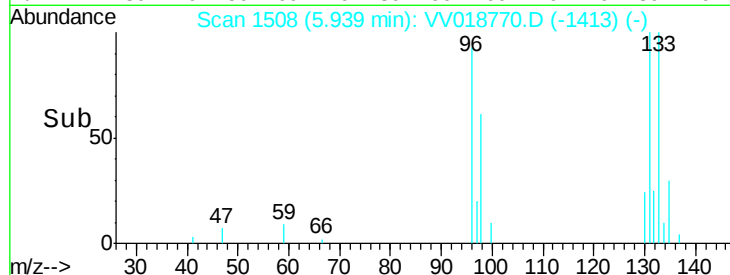


Abundance Ion 95.00 (94.70 to 95.70): VV018770.D (-1413) (-)

Ion 97.00 (96.70 to 97.70): VV018770.D (-1413) (-)

Ion 132.00 (131.70 to 132.70): VV018770.D (-1413) (-)

Ion 130.00 (129.70 to 130.70): VV018770.D (-1413) (-)



#35

Methylcyclohexane

Concen: 10.998 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

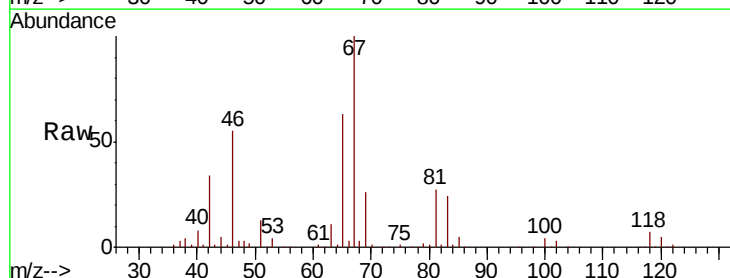
Tgt Ion: 83 Resp: 48828

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

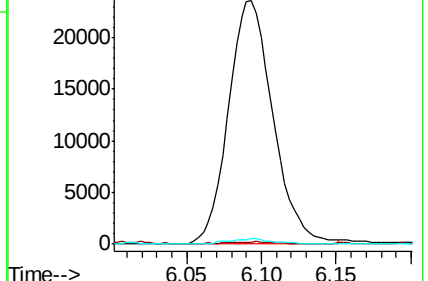
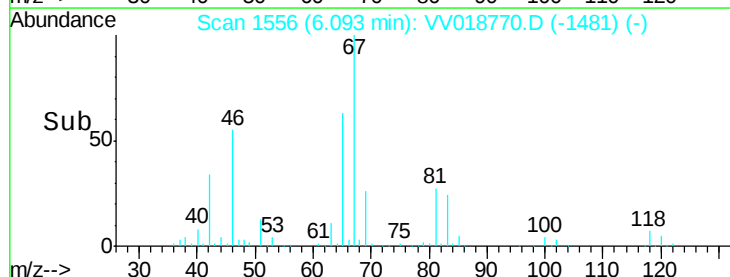
98 1.7 40.2 60.4#

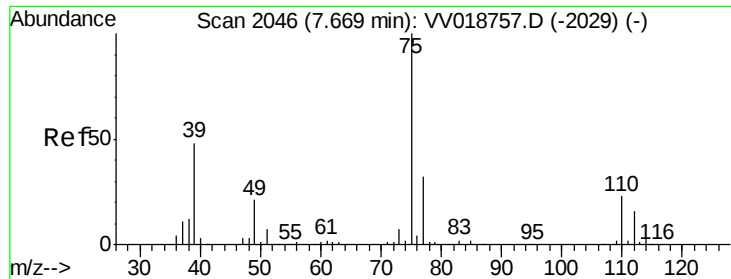


Abundance Ion 83.00 (82.70 to 83.70): VV018770.D (-1481) (-)

Ion 55.00 (54.70 to 55.70): VV018770.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV018770.D (-1481) (-)

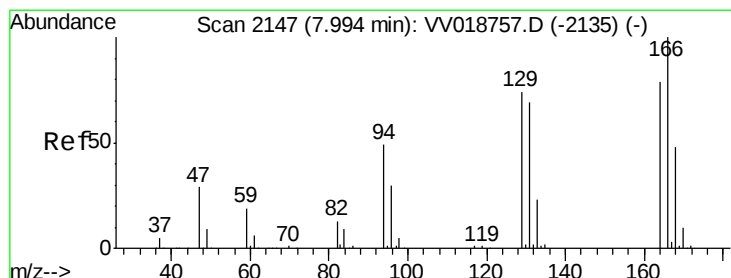
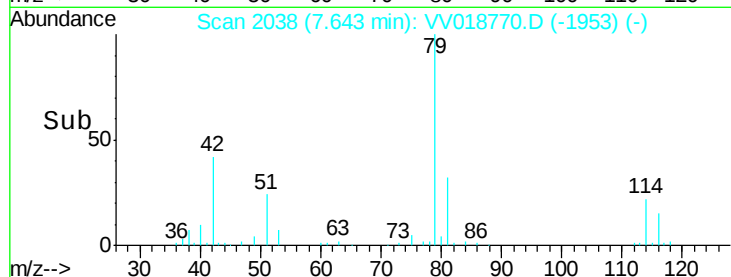
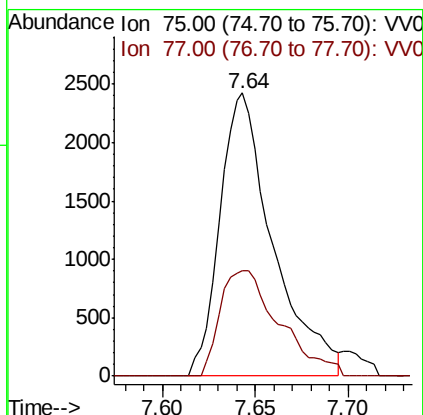
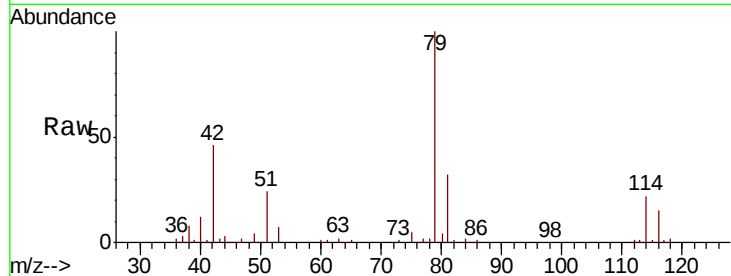




#44
trans-1,3-Dichloropropene
Concen: 1.077 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV018770.D
Acq: 08 Oct 2020 17:10

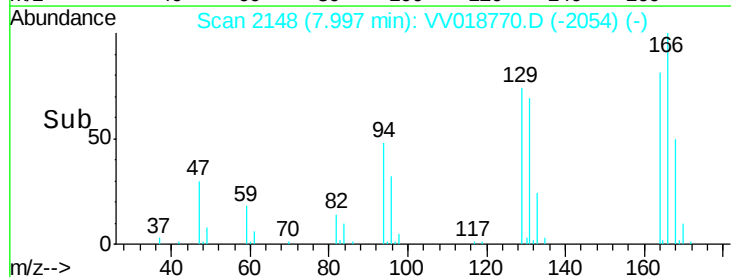
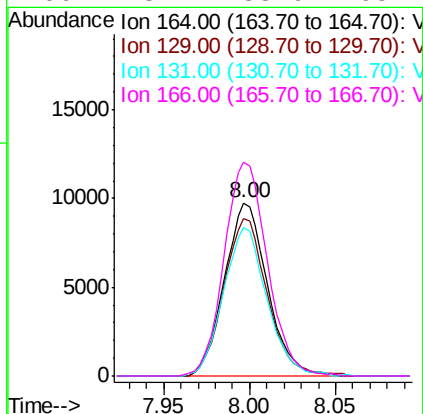
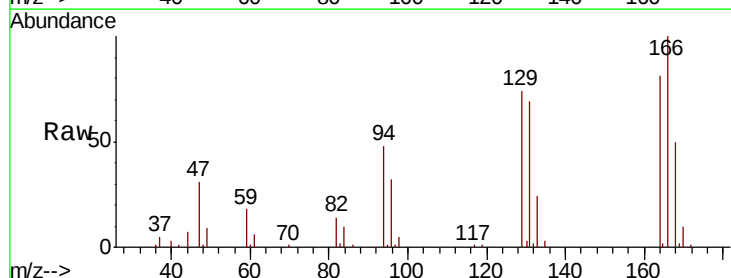
Instrument :
MSVOA_V
ClientSampled :
BG3T9ME

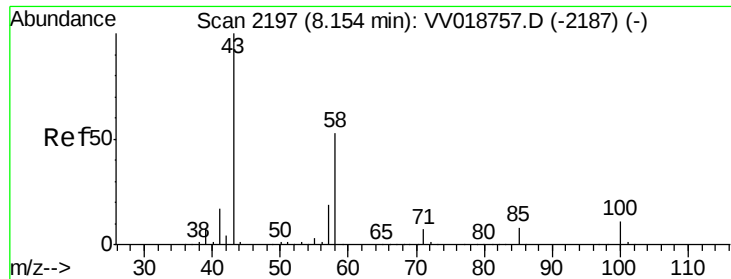
Tot Ion: 75 Resp: 4828
Ion Ratio Lower Upper
75 100
77 37.4 22.7 42.1



#46
Tetrachloroethene
Concen: 6.346 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018770.D
Acq: 08 Oct 2020 17:10

Tgt Ion:164 Resp: 16945
Ion Ratio Lower Upper
164 100
129 90.7 62.8 116.6
131 85.6 60.8 112.8
166 123.4 88.9 165.1





#48

2-Hexanone

Concen: 6.854 ug/L

RT: 8.15 min Scan# 2195

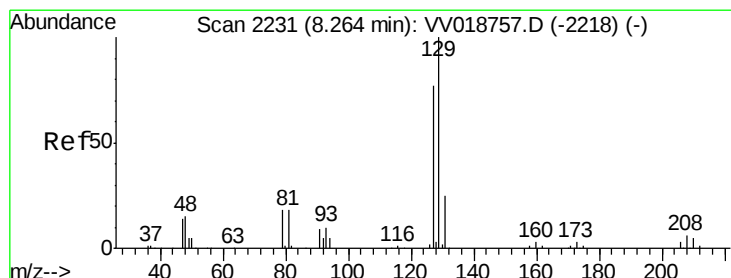
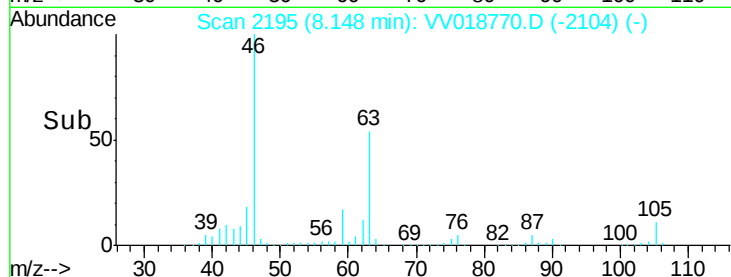
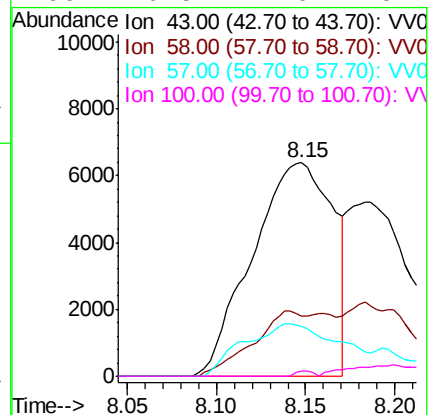
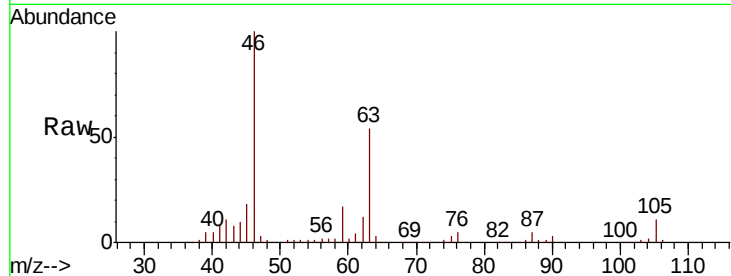
Delta R.T. -0.01 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

Instrument :
MSVOA_V
ClientSampleId :
BG3T9ME

Tot Ion:	43	Resp:	20070
Ion	Ratio	Lower	Upper
43	100		
58	18.4	45.1	67.7#
57	20.6	15.7	23.5
100	0.5	11.0	16.4#



#49

Dibromochloromethane

Concen: 4.477 ug/L

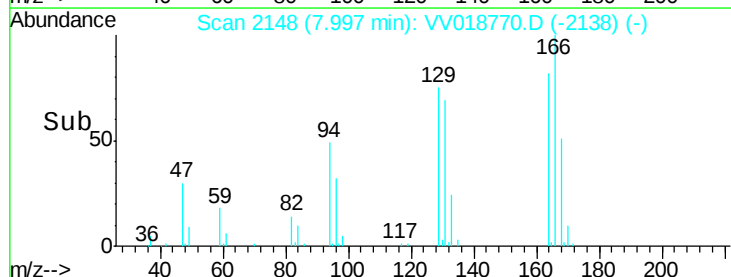
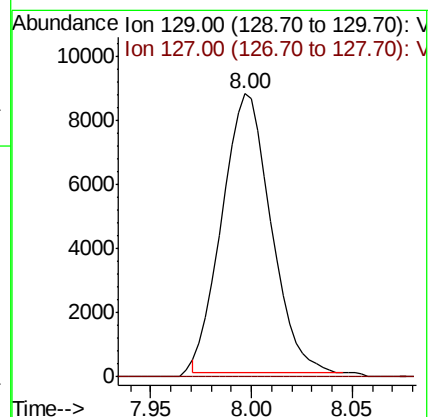
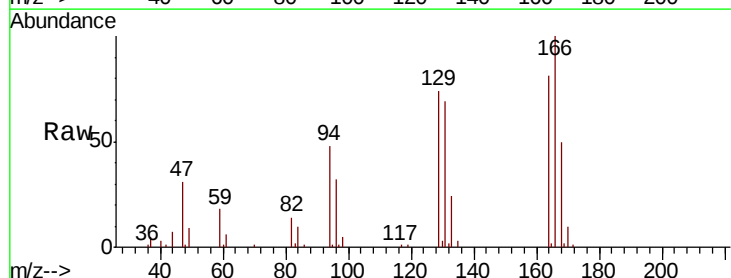
RT: 8.00 min Scan# 2148

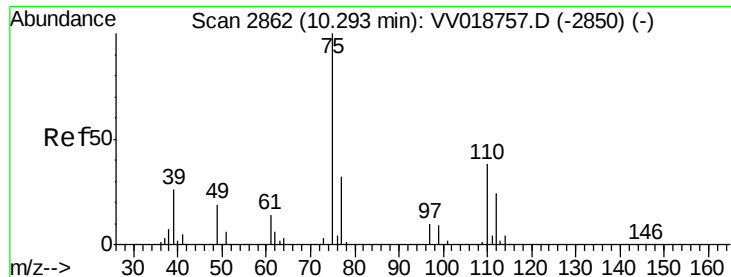
Delta R.T. -0.27 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

Tgt Ion:	129	Resp:	14745
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59

1,2,3-Trichloropropane

Concen: 5.572 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018770.D

Acq: 08 Oct 2020 17:10

Instrument :

MSVOA_V

ClientSampleId :

BG3T9ME

Tot Ion: 75 Resp: 19714

Ion Ratio Lower Upper

75 100

77 38.7 25.4 38.0#

