

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018197.D
 Acq On : 11 Sep 2020 14:52
 Operator : SY/MD
 Sample : L3957-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 12 01:30:42 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	5.64	114	276622	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276534	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136371	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96864	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.94%
7) Chloroethane-d5	1.58	69	87929	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.12	63	147003	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	3.91	46	143751	104.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	4.38	84	185739	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.06	65	130625	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
32) Benzene-d6	5.08	84	385178	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
36) 1,2-Dichloropropane-d6	6.09	67	125707	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.96%
41) Toluene-d8	7.34	98	340293	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.64	79	59427	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.11	63	88226	92.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150674	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	148696	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

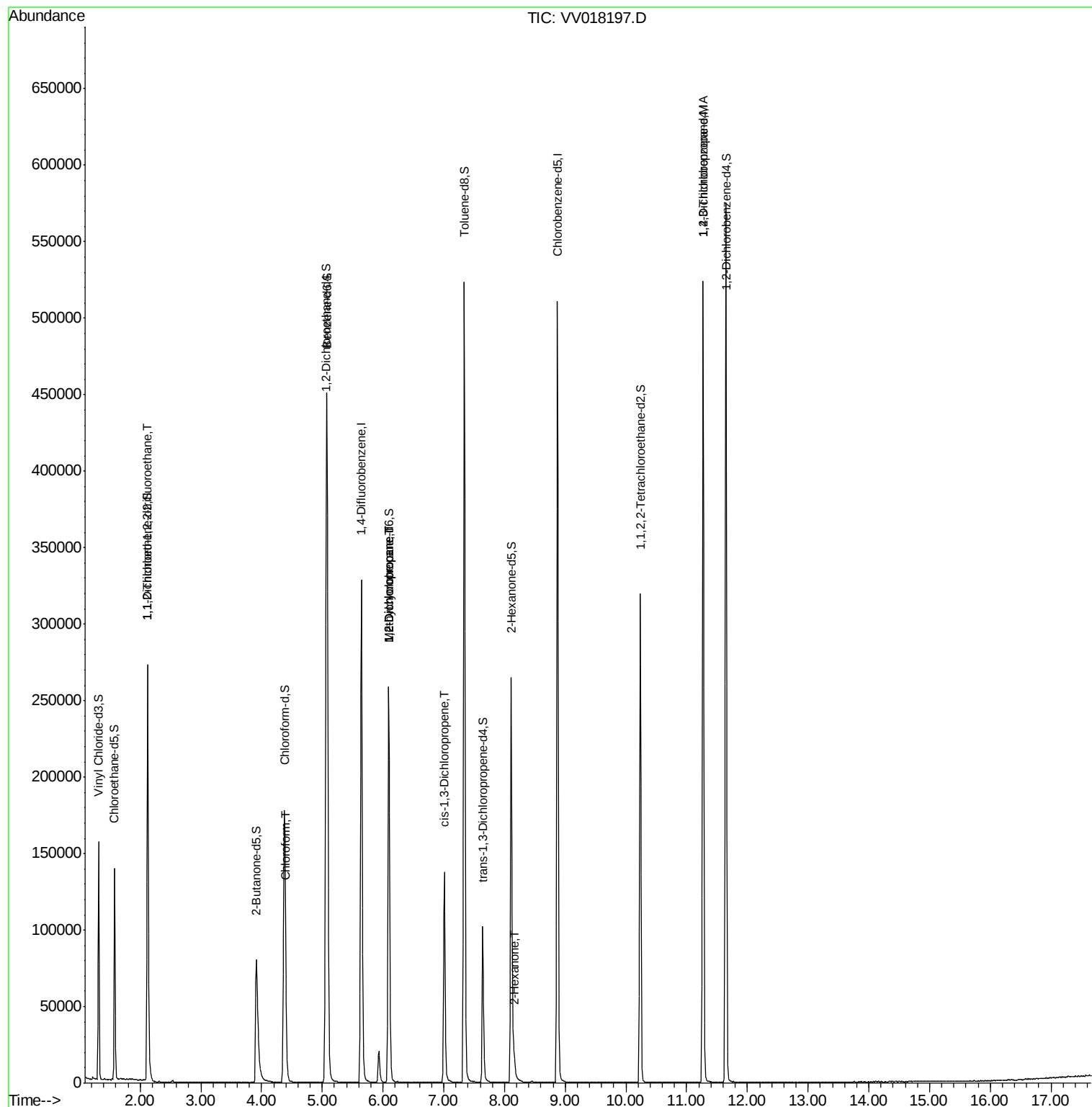
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1434	0.768 ug/L #	19
25) Chloroform	4.41	83	6684	1.858 ug/L	100
35) Methylcyclohexane	6.09	83	29616	9.133 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13562	6.473 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3352	1.038 ug/L #	60
48) 2-Hexanone	8.16	43	8682	4.333 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	15826	6.422 ug/L	93

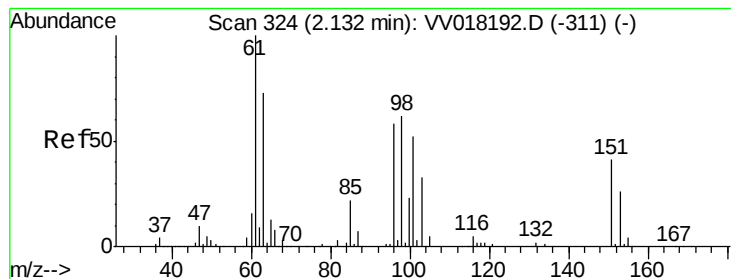
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.768 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018197.D

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MSVOA_V

ClientSampleId :

VHBLK01

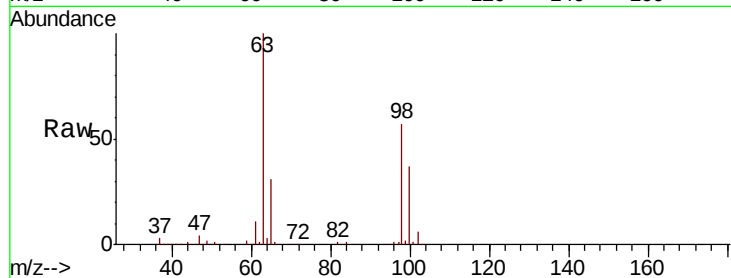
Tot Ion:101 Resp: 1434

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

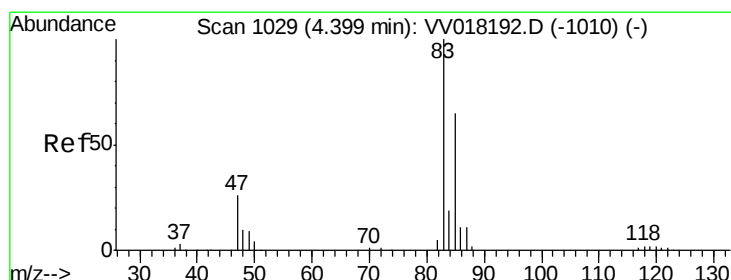
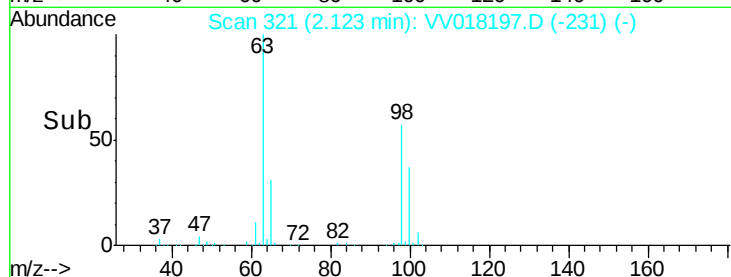
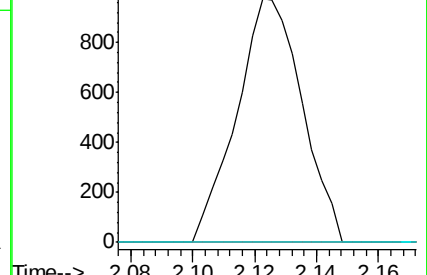
151 0.0 62.2 93.2#



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



#25

Chloroform

Concen: 1.858 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018197.D

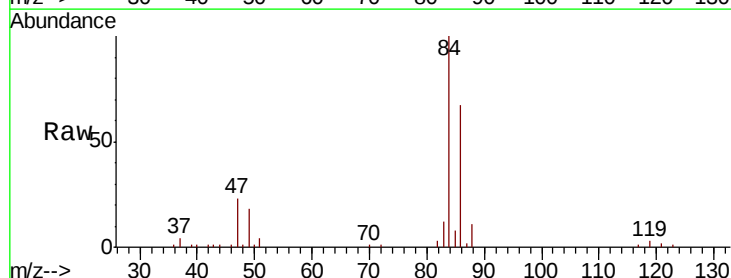
Acq: 11 Sep 2020 14:52

Tgt Ion: 83 Resp: 6684

Ion Ratio Lower Upper

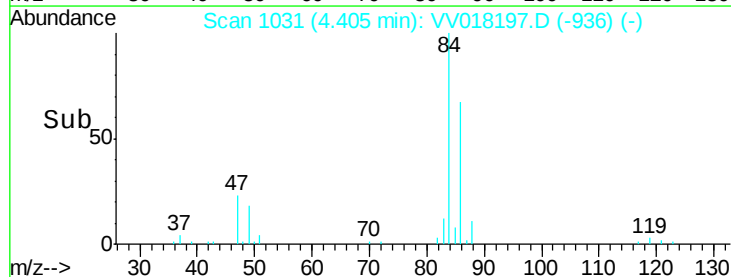
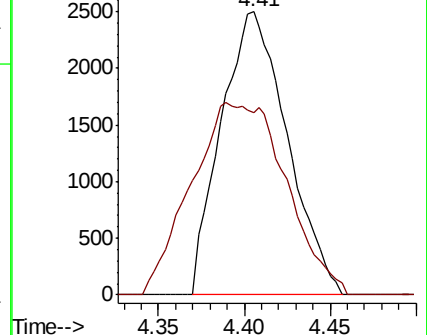
83 100

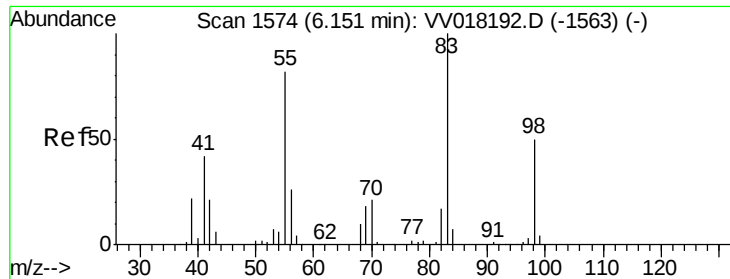
85 64.5 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

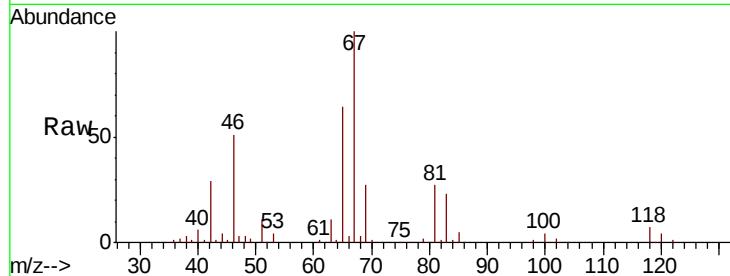




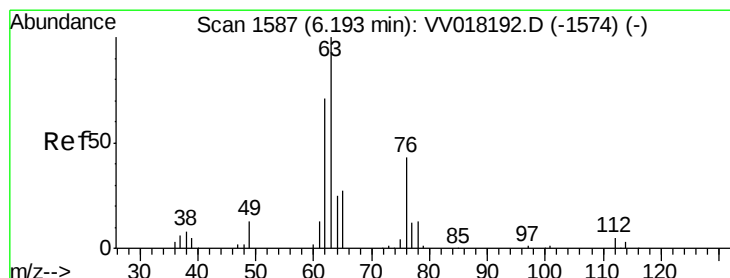
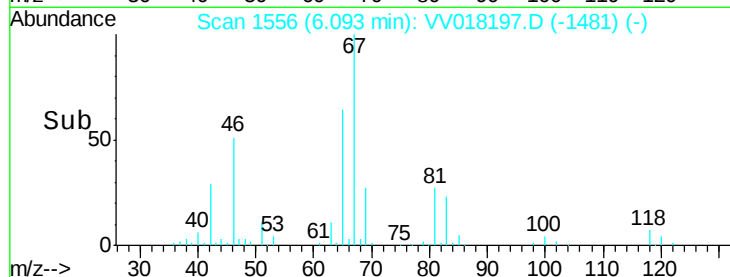
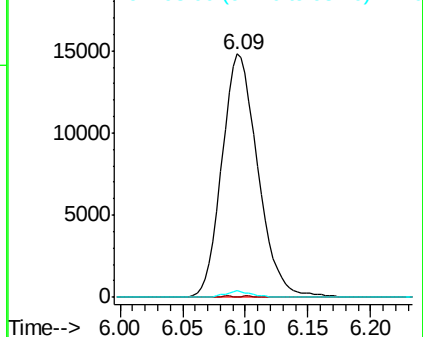
#35
Methvlcvclohexane
Concen: 9.133 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018197.D
Acq: 11 Sep 2020 14:52

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 29616
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.9 38.8 58.2#

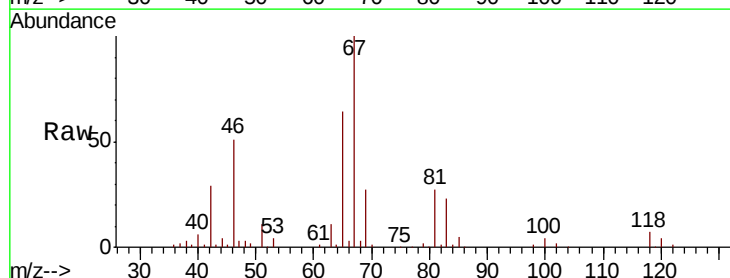


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

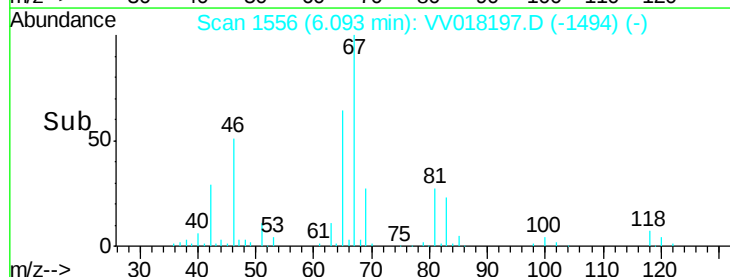
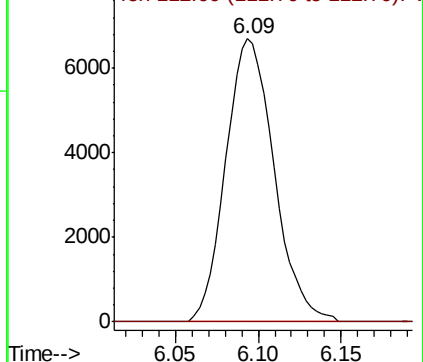


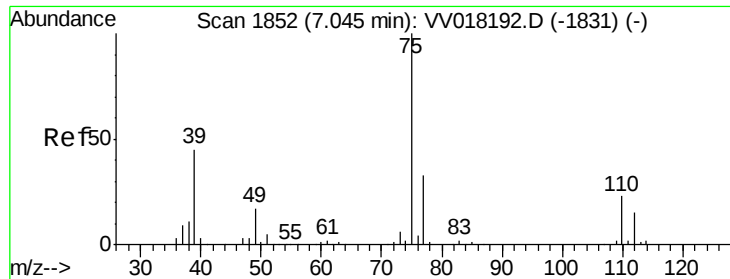
#37
1,2-Dichloropropane
Concen: 6.473 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018197.D
Acq: 11 Sep 2020 14:52

Tgt Ion: 63 Resp: 13562
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

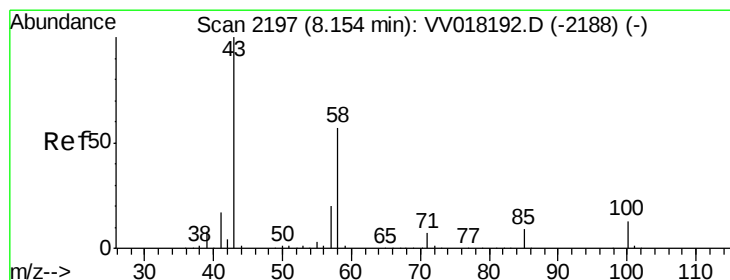
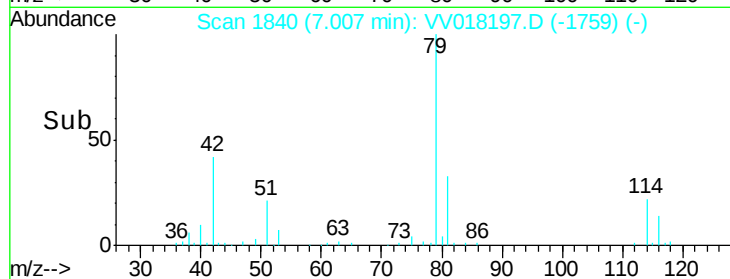
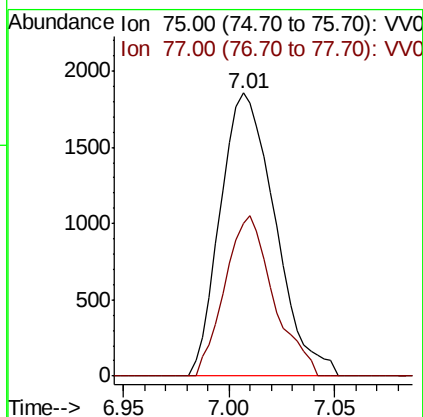
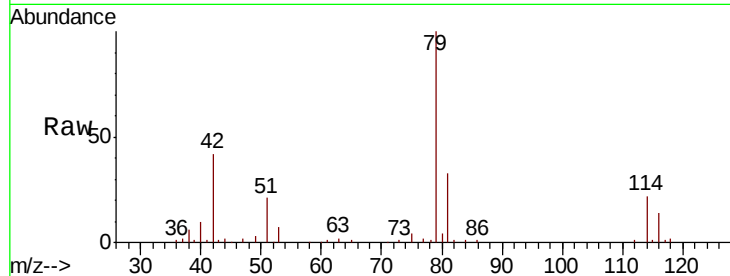




#39
 cis-1,3-Dichloropropene
 Concen: 1.038 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018197.D
 Acq: 11 Sep 2020 14:52

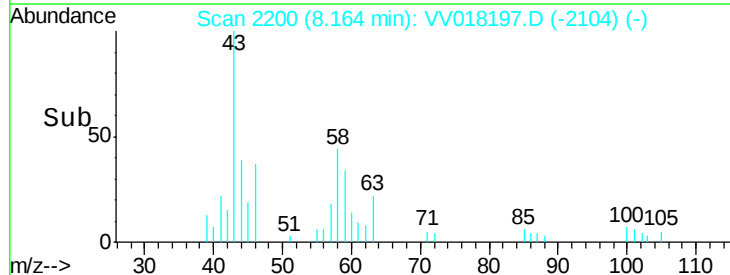
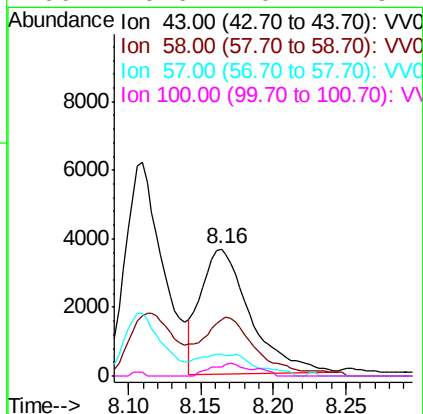
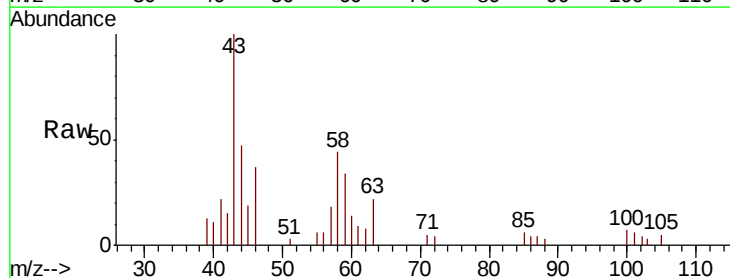
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

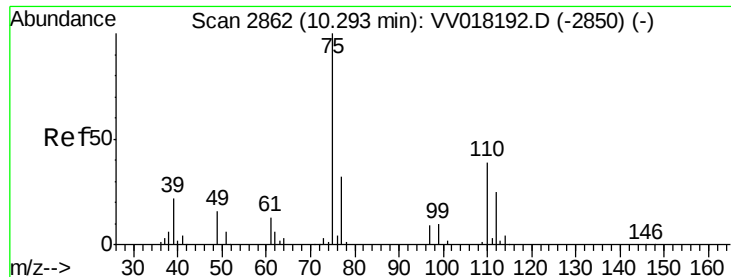
Tot Ion: 75 Resp: 3352
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.333 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018197.D
 Acq: 11 Sep 2020 14:52

Tgt Ion: 43 Resp: 8682
 Ion Ratio Lower Upper
 43 100
 58 39.4 44.8 67.2#
 57 4.1 15.8 23.6#
 100 6.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.422 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018197.D

Acq: 11 Sep 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 15826

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

