

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018470.D
 Acq On : 25 Sep 2020 20:47
 Operator : SY/MD
 Sample : L4149-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R4

Quant Time: Sep 26 02:57:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126798	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.58	69	108233	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.12	63	181316	32.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.24%
21) 2-Butanone-d5	3.91	46	164253	88.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.55%
24) Chloroform-d	4.38	84	223852	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.14%
26) 1,2-Dichloroethane-d4	5.06	65	147366	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.08	84	475912	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	150397	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.50%
41) Toluene-d8	7.34	98	428478	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.64	79	72347	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.11	63	94819	76.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168887	41.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	175601	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%

Target Compounds

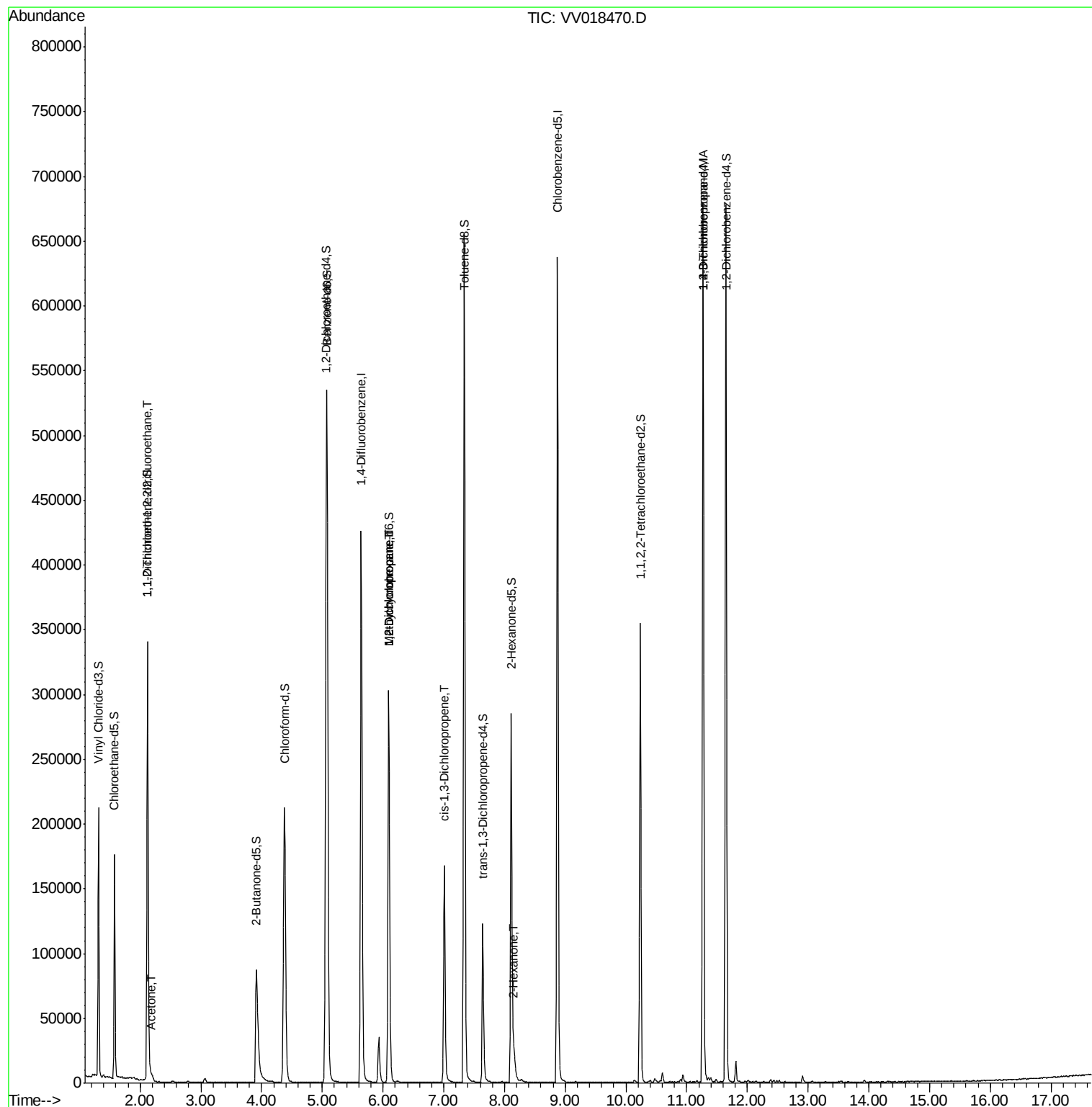
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1753	0.699 ug/L #	19
13) Acetone	2.20	43	5249	3.534 ug/L	95
35) Methylcyclohexane	6.09	83	36306	8.661 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	15742	5.812 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4080	0.978 ug/L #	75
48) 2-Hexanone	8.16	43	12547	4.844 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	19898	6.246 ug/L	93

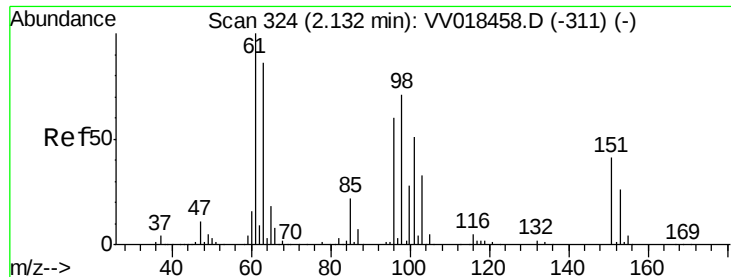
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration





#10

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

Concen: 0.699 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018470.D

Acq: 25 Sep 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

BG3R4

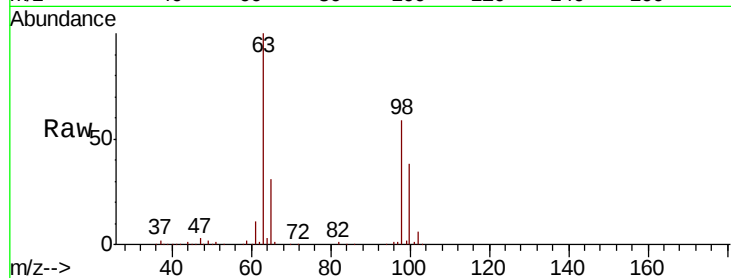
Tot Ion:101 Resp: 1753

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

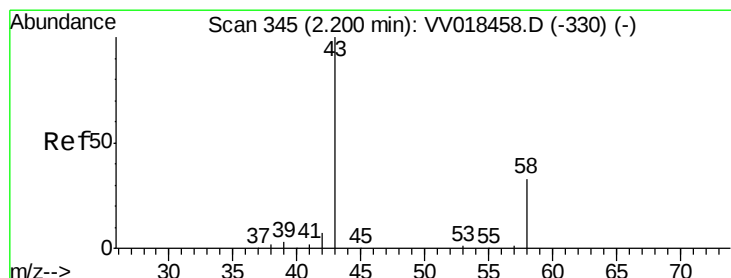
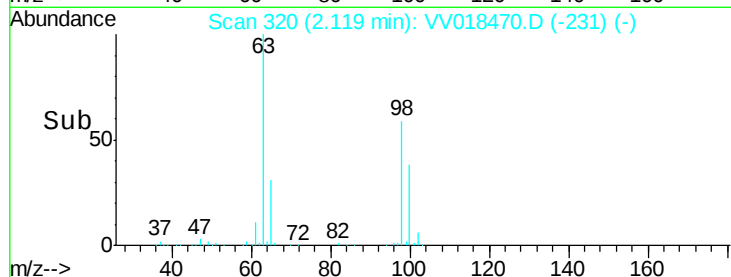
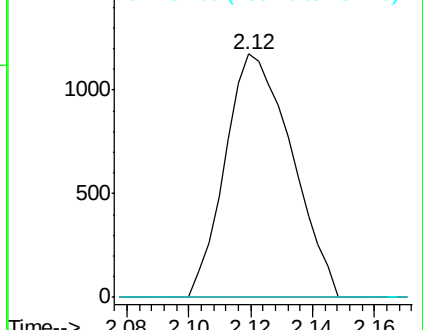
151 0.0 62.2 93.2#



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



#13

Acetone

Concen: 3.534 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018470.D

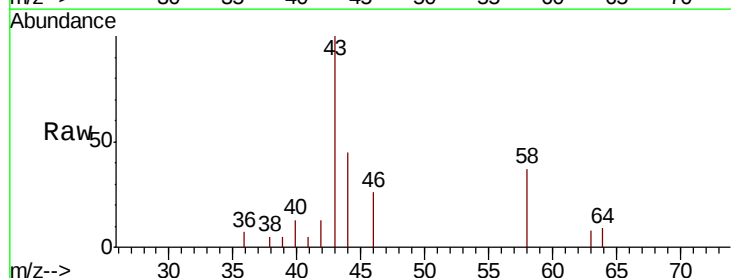
Acq: 25 Sep 2020 20:47

Tgt Ion: 43 Resp: 5249

Ion Ratio Lower Upper

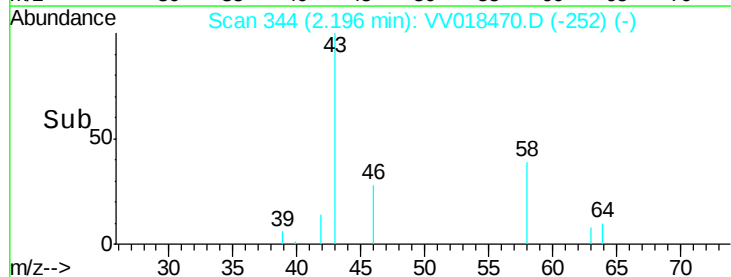
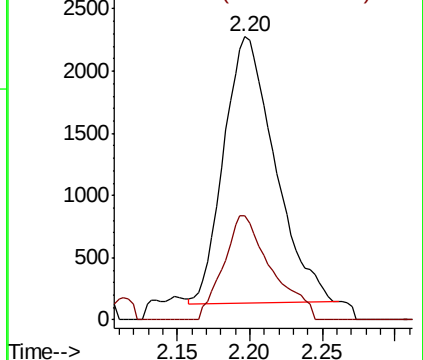
43 100

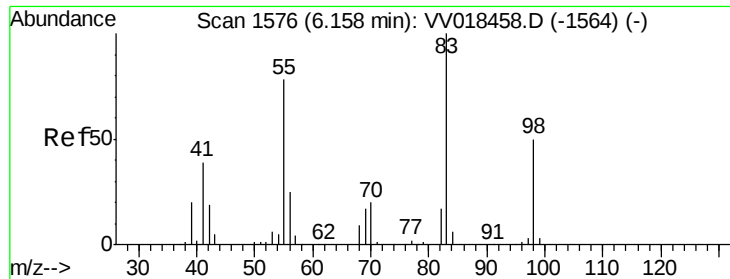
58 36.8 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

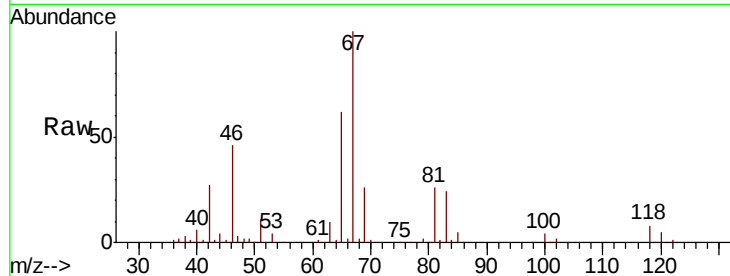




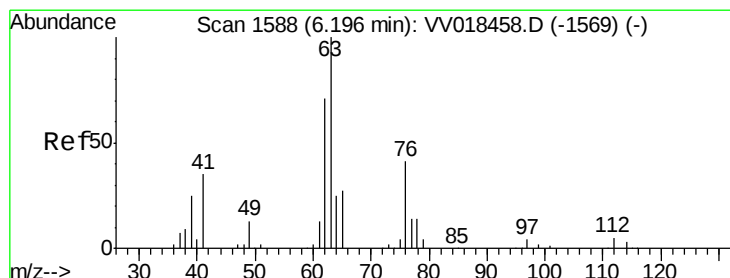
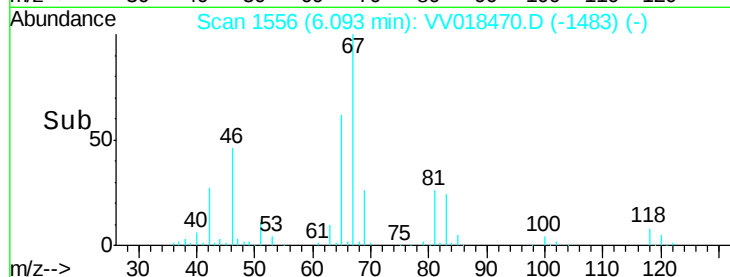
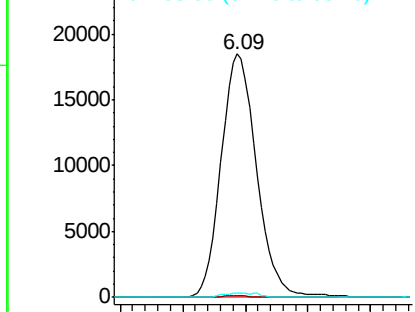
#35
Methvlcvclohexane
Concen: 8.661 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018470.D
Acq: 25 Sep 2020 20:47

Instrument :
MSVOA_V
ClientSampleId :
BG3R4

Tot Ion: 83 Resp: 36306
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.1 38.8 58.2#

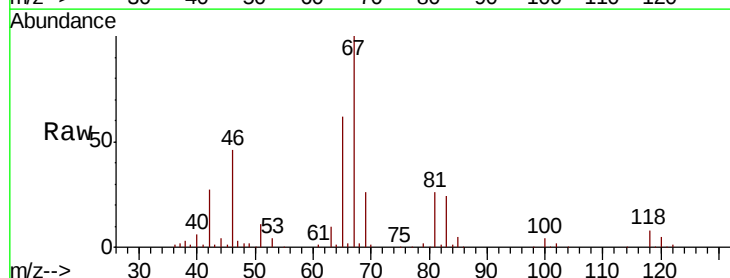


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

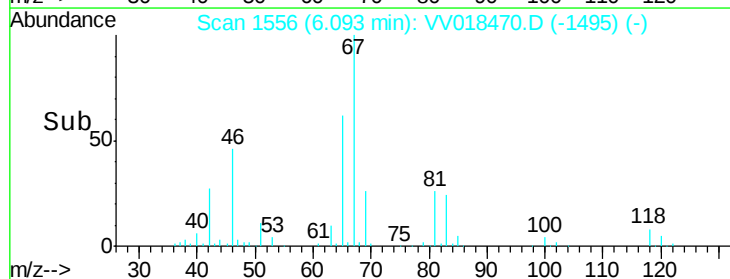
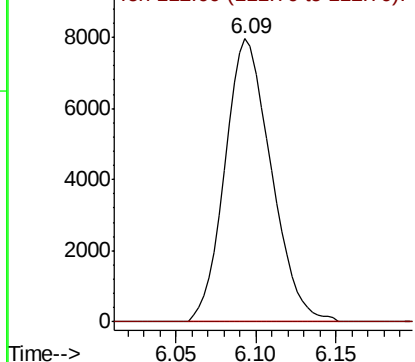


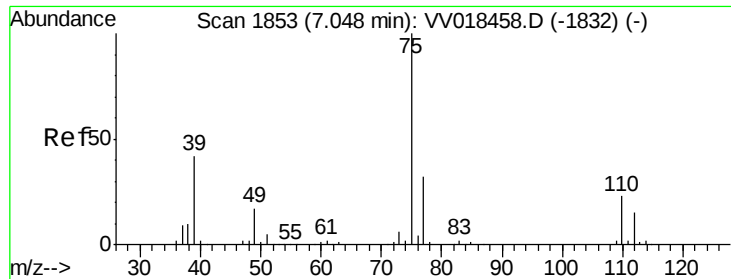
#37
1,2-Dichloropropane
Concen: 5.812 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018470.D
Acq: 25 Sep 2020 20:47

Tgt Ion: 63 Resp: 15742
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

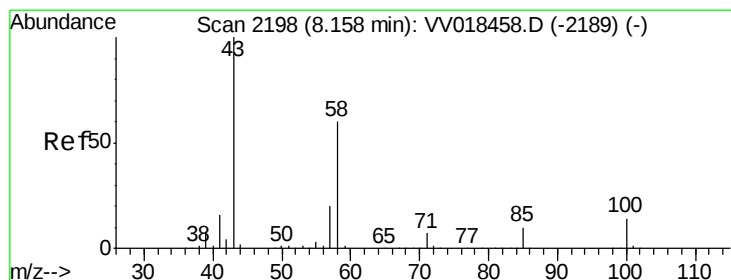
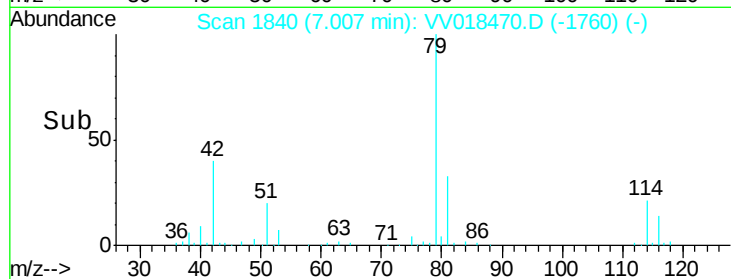
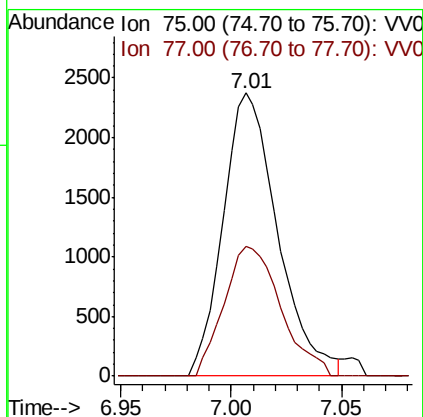
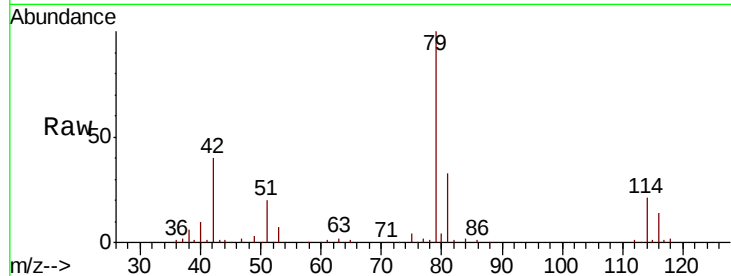




#39
 cis-1,3-Dichloropropene
 Concen: 0.978 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018470.D
 Acq: 25 Sep 2020 20:47

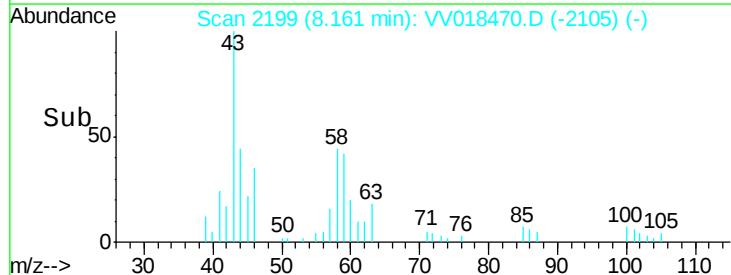
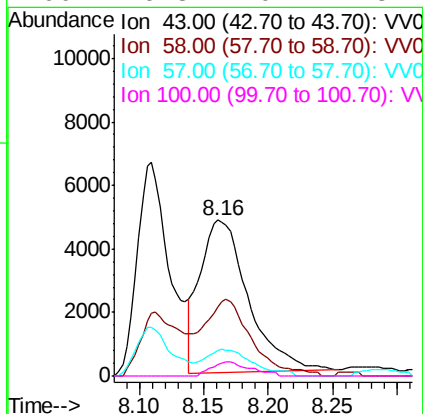
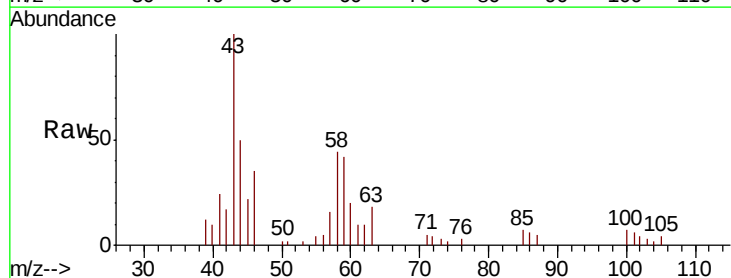
Instrument :
 MSVOA_V
 ClientSampled :
 BG3R4

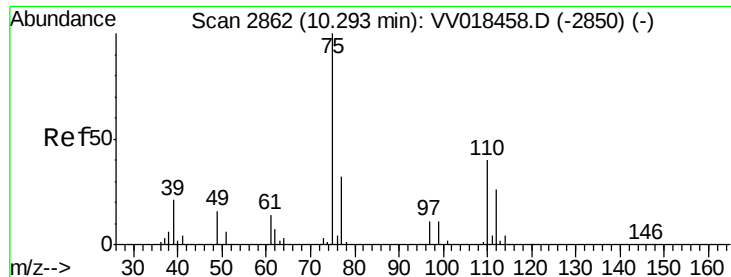
Tot Ion: 75 Resp: 4080
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.844 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018470.D
 Acq: 25 Sep 2020 20:47

Tgt Ion: 43 Resp: 12547
 Ion Ratio Lower Upper
 43 100
 58 32.3 44.8 67.2#
 57 12.1 15.8 23.6#
 100 6.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.246 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018470.D

Acq: 25 Sep 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

BG3R4

Tot Ion: 75 Resp: 19898

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

