

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018767.D
 Acq On : 08 Oct 2020 16:00
 Operator : SY/MD
 Sample : L4284-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2

Quant Time: Oct 09 07:18:34 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	295084	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81802	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.54%
7) Chloroethane-d5	1.58	69	80497	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.50%
11) 1,1-Dichloroethene-d2	2.12	63	143185	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.22%
21) 2-Butanone-d5	3.91	46	138928	107.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.62%
24) Chloroform-d	4.38	84	191291	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	5.06	65	137257	57.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.56%
32) Benzene-d6	5.07	84	371556	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.09	67	124474	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.08%
41) Toluene-d8	7.34	98	324638	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.64	79	58625	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.11	63	64712	76.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113703	38.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	135682	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

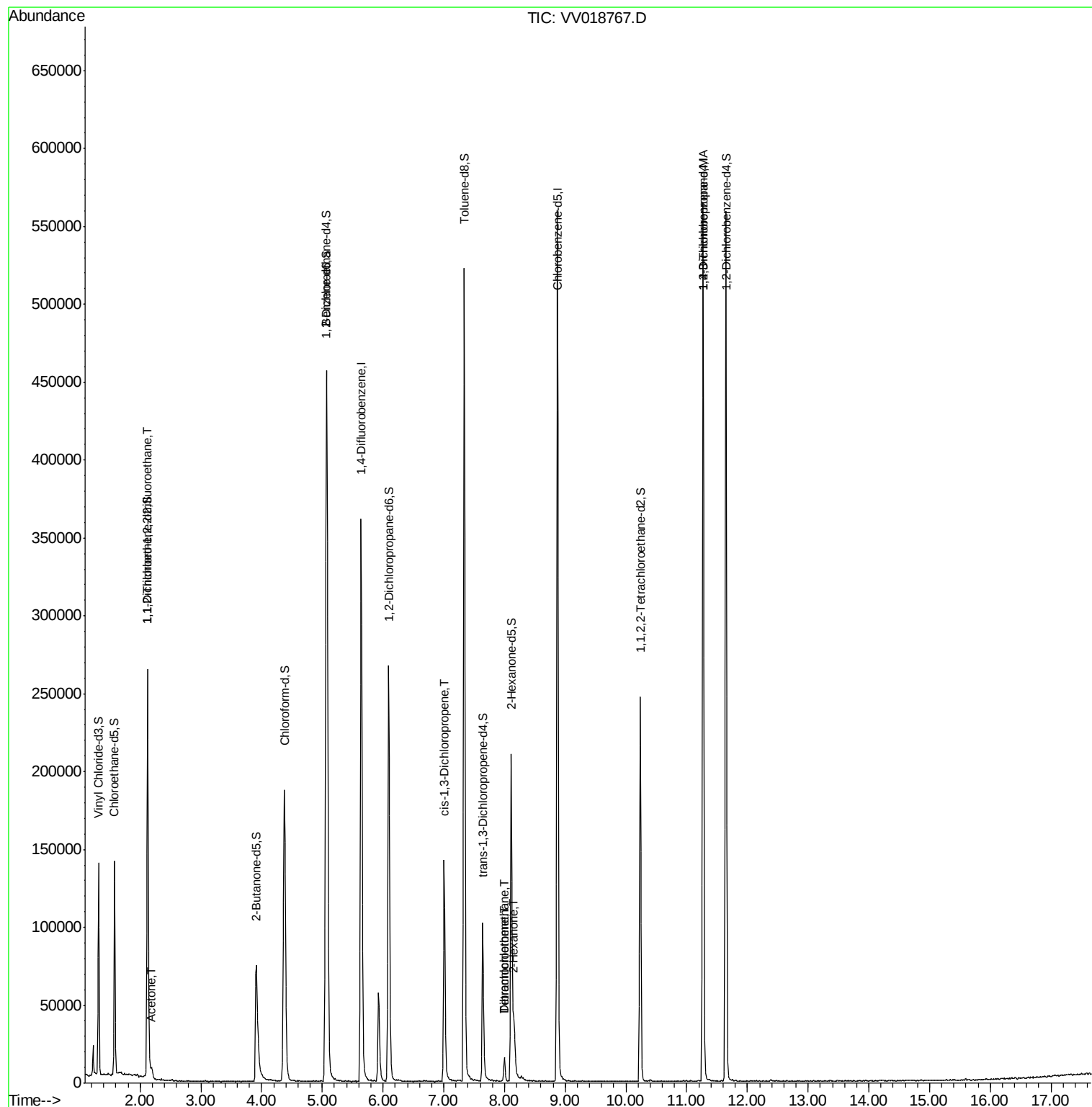
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1312	0.683 ug/L #	19
13) Acetone	2.19	43	6672	5.982 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	3795	1.106 ug/L #	67
46) Tetrachloroethene	8.00	164	3756	1.870 ug/L	89
48) 2-Hexanone	8.16	43	19444	8.829 ug/L #	88
49) Dibromochloromethane	8.00	129	3161	1.276 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	16866	6.339 ug/L #	88

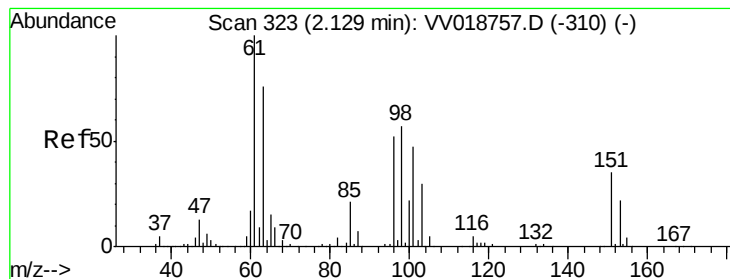
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.683 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018767.D

Acq: 08 Oct 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

BG3X2

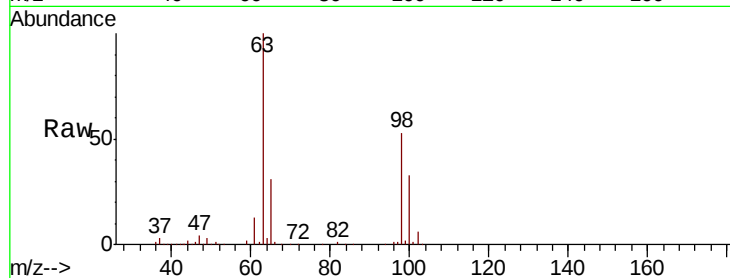
Tot Ion:101 Resp: 1312

Ion Ratio Lower Upper

101 100

85 3.3 34.6 52.0#

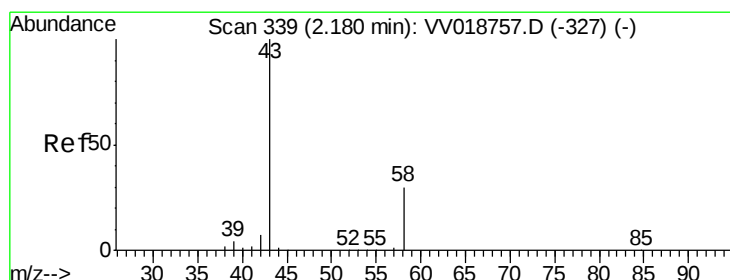
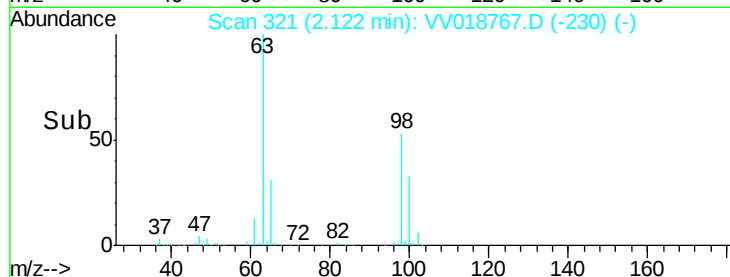
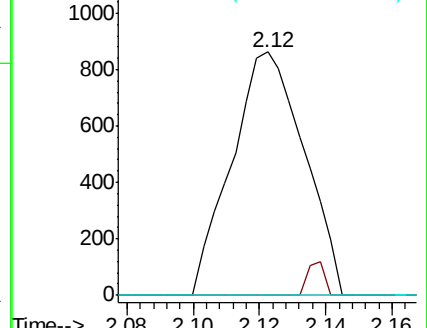
151 0.0 64.3 96.5#



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



#13

Acetone

Concen: 5.982 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV018767.D

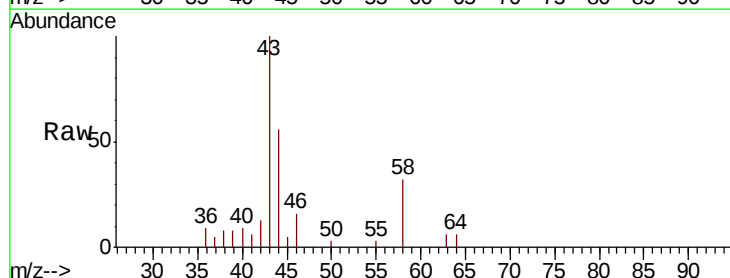
Acq: 08 Oct 2020 16:00

Tgt Ion: 43 Resp: 6672

Ion Ratio Lower Upper

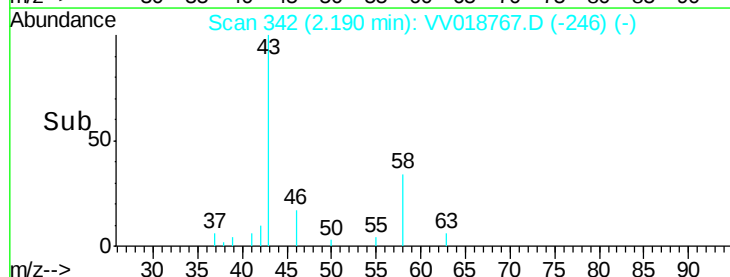
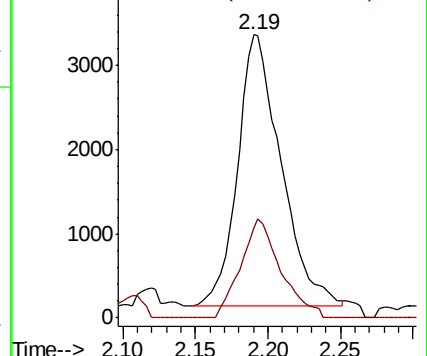
43 100

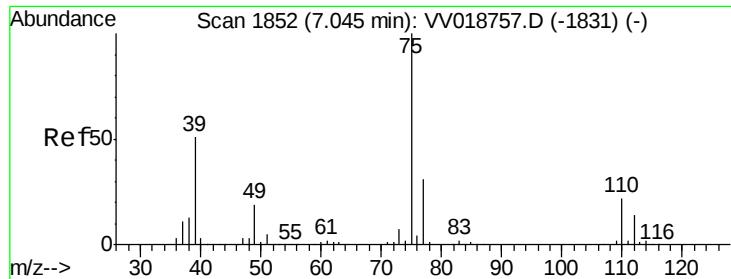
58 33.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

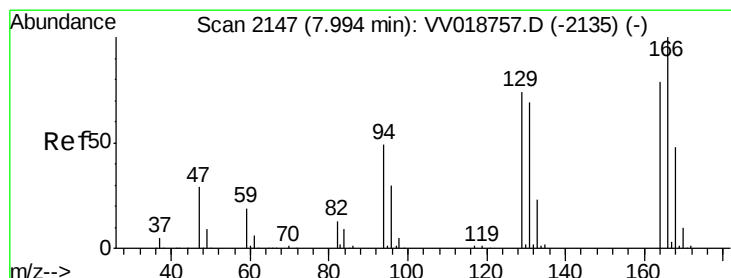
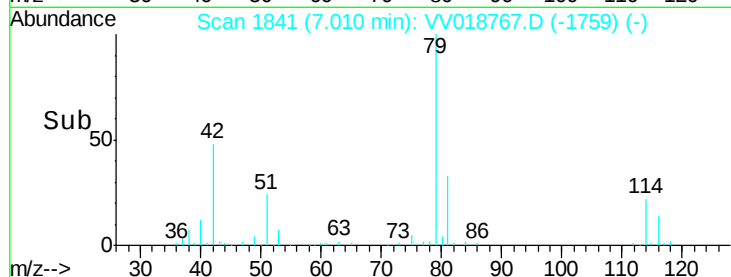
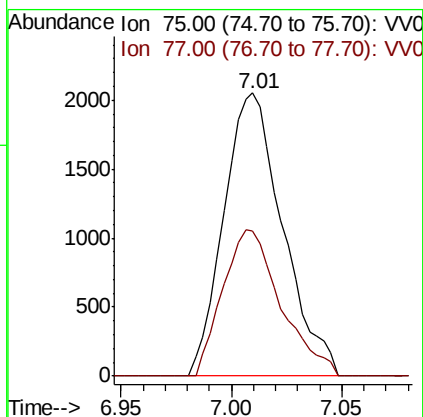
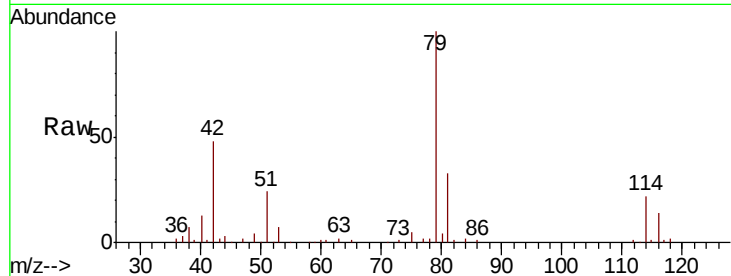




#39
 cis-1,3-Dichloropropene
 Concen: 1.106 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018767.D
 Acq: 08 Oct 2020 16:00

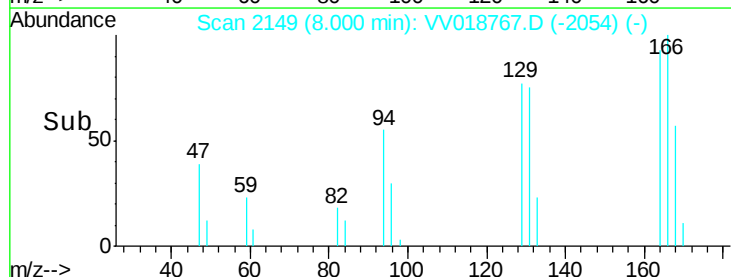
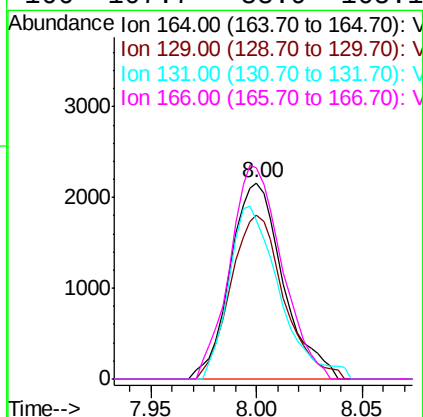
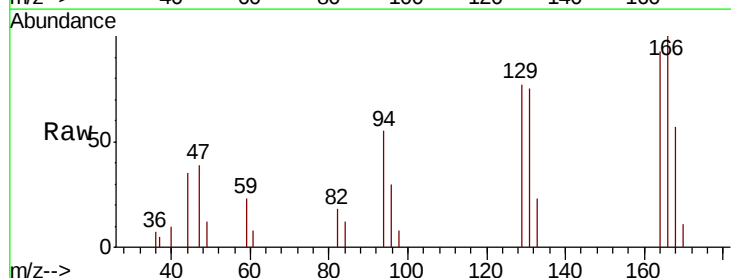
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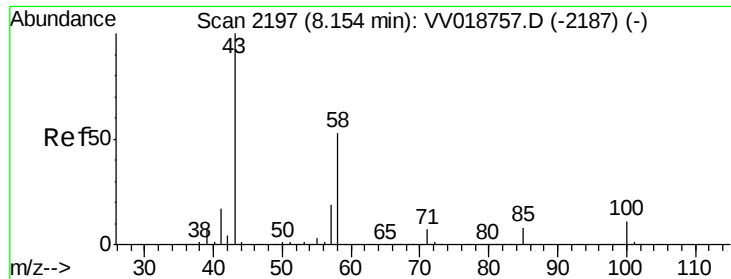
Tot Ion: 75 Resp: 3795
 Ion Ratio Lower Upper
 75 100
 77 51.4 23.0 42.6#



#46
 Tetrachloroethene
 Concen: 1.870 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV018767.D
 Acq: 08 Oct 2020 16:00

Tgt Ion: 164 Resp: 3756
 Ion Ratio Lower Upper
 164 100
 129 83.3 62.8 116.6
 131 80.7 60.8 112.8
 166 107.7 88.9 165.1

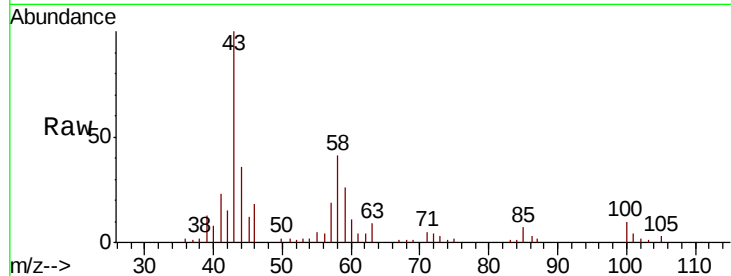




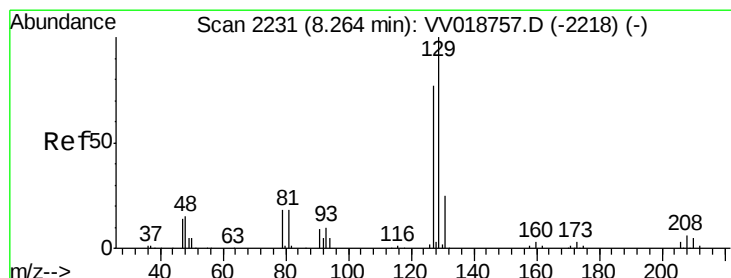
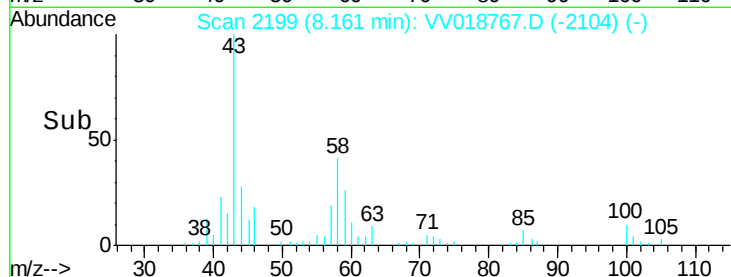
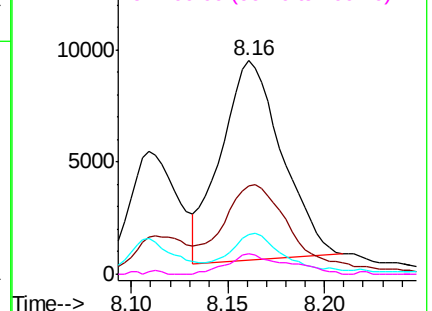
#48
2-Hexanone
Concen: 8.829 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018767.D
Acq: 08 Oct 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BG3X2

Tot Ion: 43 Resp: 19444
Ion Ratio Lower Upper
43 100
58 45.5 45.1 67.7
57 16.7 15.7 23.5
100 10.0 11.0 16.4#

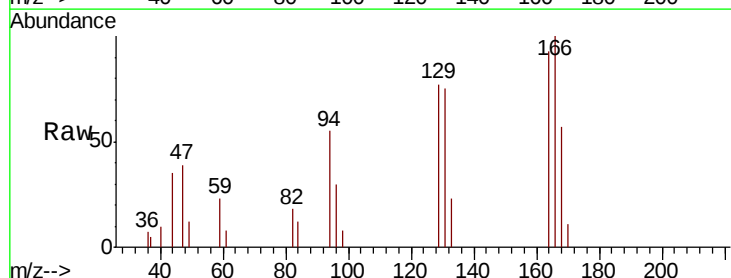


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

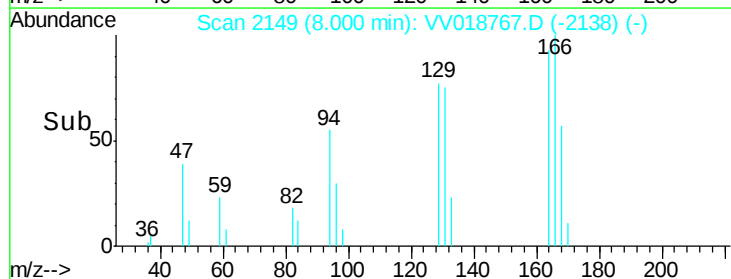
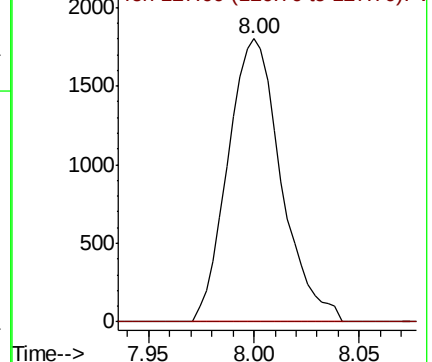


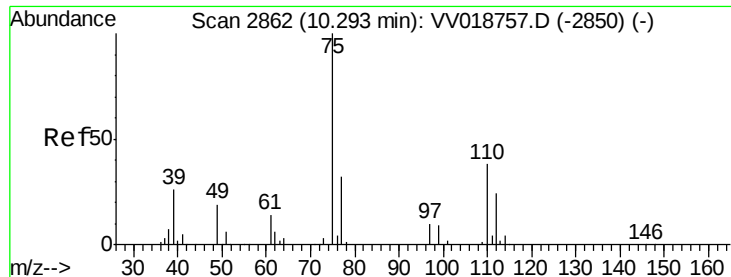
#49
Dibromochloromethane
Concen: 1.276 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.26 min
Lab File: VV018767.D
Acq: 08 Oct 2020 16:00

Tgt Ion: 129 Resp: 3161
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



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: 6.339 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018767.D

Acq: 08 Oct 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

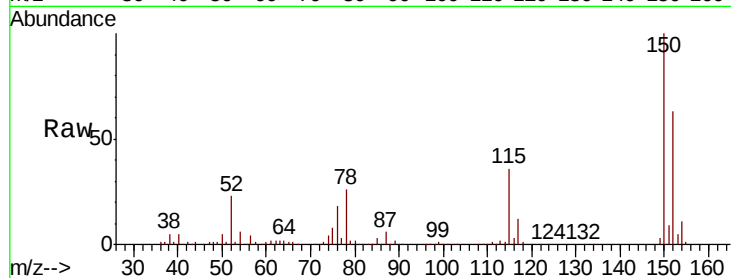
BG3X2

Tot Ion: 75 Resp: 16866

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

