

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018354.D
 Acq On : 19 Sep 2020 03:33
 Operator : SY/MD
 Sample : L4066-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269359	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	269117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89317	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.58	69	76379	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.12	63	128797	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.90	46	117201	87.23	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.23%
24) Chloroform-d	4.38	84	167312	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.06	65	112615	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.08	84	335856	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
36) 1,2-Dichloropropane-d6	6.09	67	109090	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.12%
41) Toluene-d8	7.34	98	293371	41.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.56%
43) trans-1,3-Dichloropropene-	7.64	79	49573	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.70%
47) 2-Hexanone-d5	8.11	63	77593	83.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136018	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	122638	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

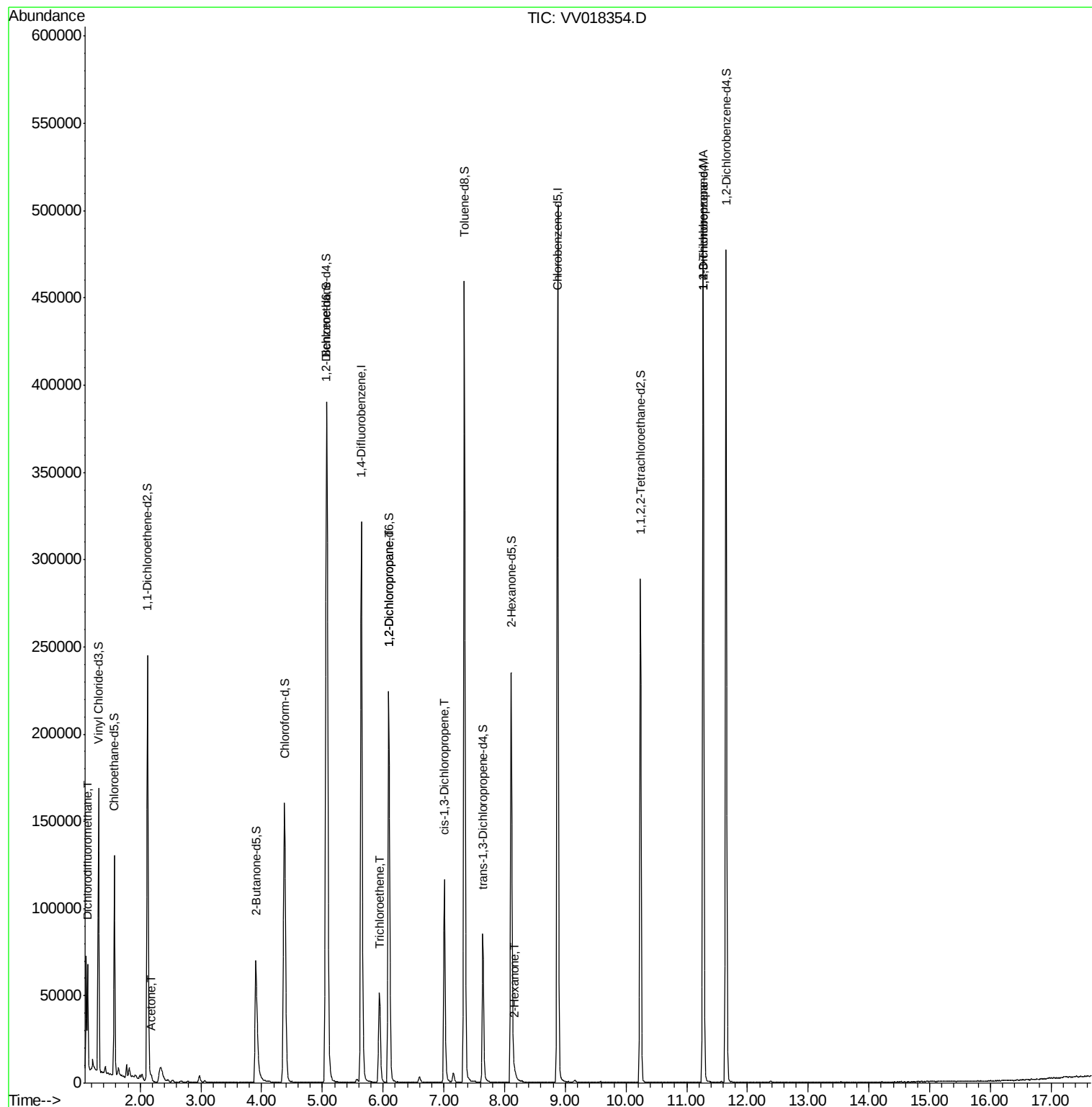
					Ovalue
2) Dichlorodifluoromethane	1.14	85	24827	12.640 ug/L	97
13) Acetone	2.18	43	3080	2.863 ug/L	90
34) Trichloroethene	5.94	95	16731	7.982 ug/L	97
37) 1,2-Dichloropropane	6.10	63	11875	5.824 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2745	0.874 ug/L #	74
48) 2-Hexanone	8.16	43	3457	1.773 ug/L #	45
59) 1,2,3-Trichloropropane	11.27	75	14700	6.130 ug/L	92

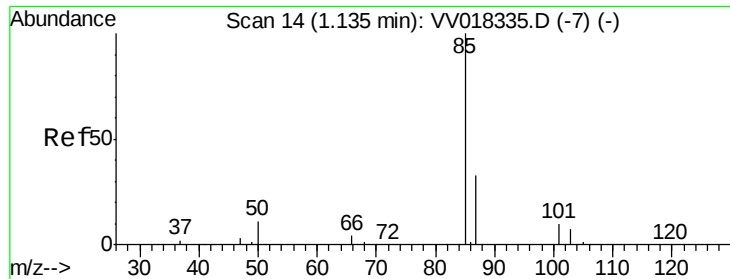
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 12.640 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018354.D

Acq: 19 Sep 2020 03:33

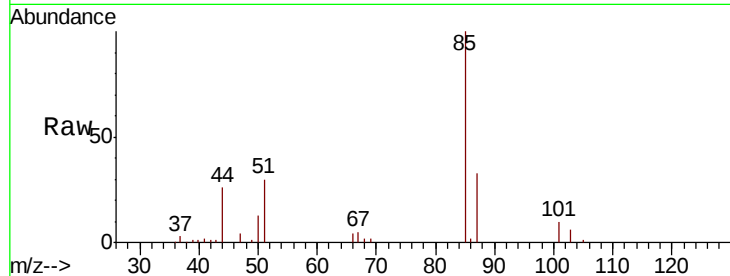
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 24827

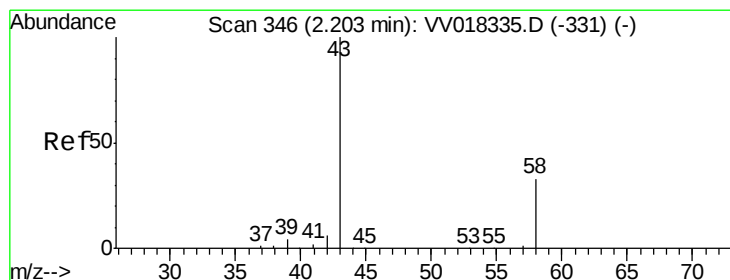
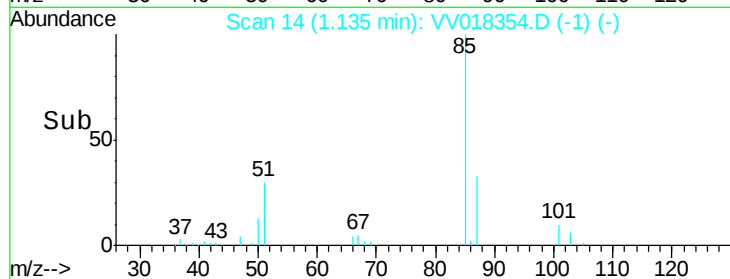
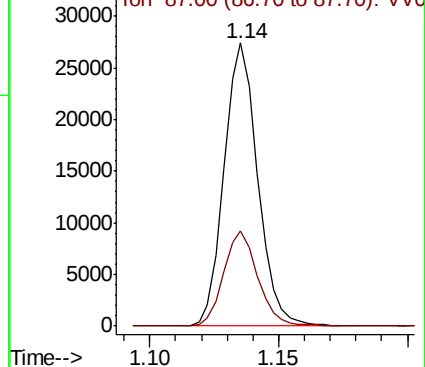
Ion Ratio Lower Upper

85 100

87 34.0 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0
Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 2.863 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV018354.D

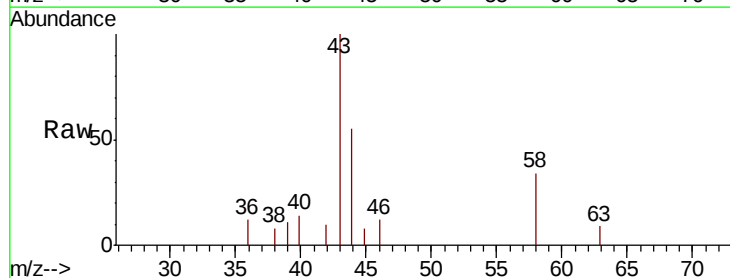
Acq: 19 Sep 2020 03:33

Tgt Ion: 43 Resp: 3080

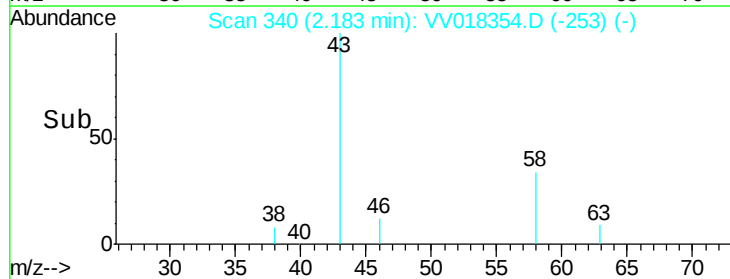
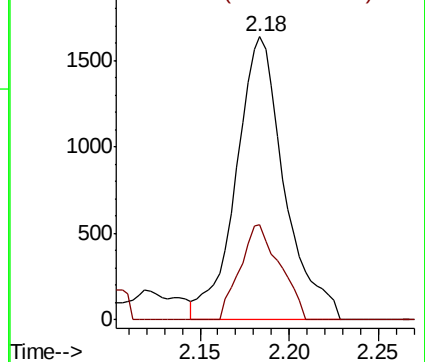
Ion Ratio Lower Upper

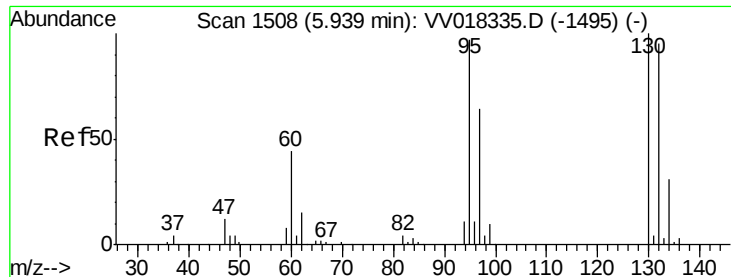
43 100

58 27.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 7.982 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018354.D

Acq: 19 Sep 2020 03:33

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 16731

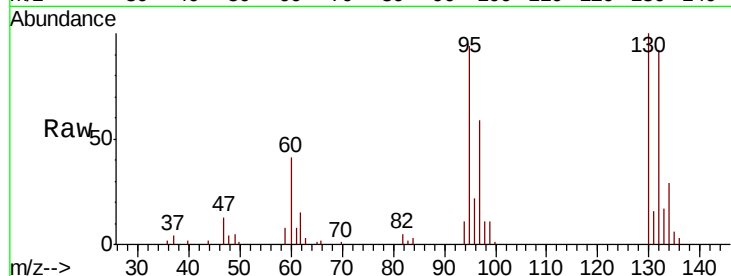
Ion Ratio Lower Upper

95 100

97 63.0 46.3 85.9

132 96.9 68.1 126.5

130 105.9 71.5 132.9

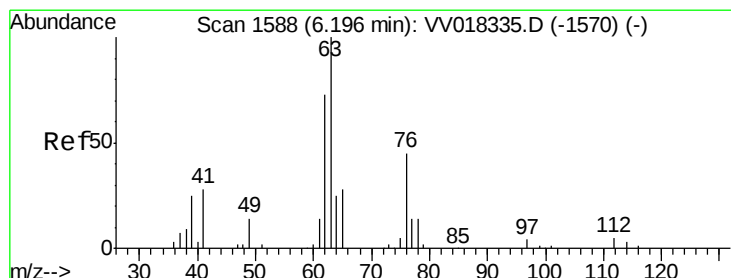
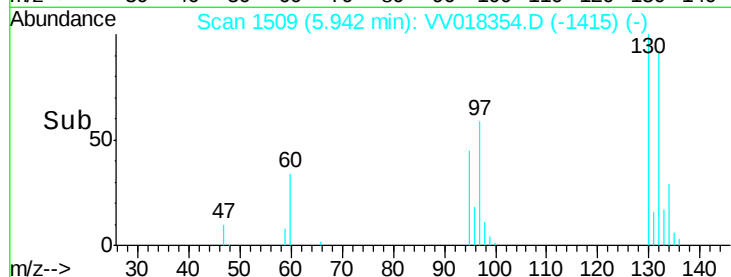
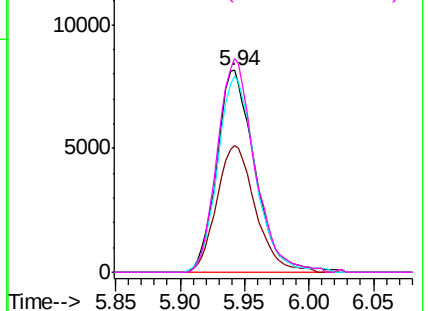


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.824 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018354.D

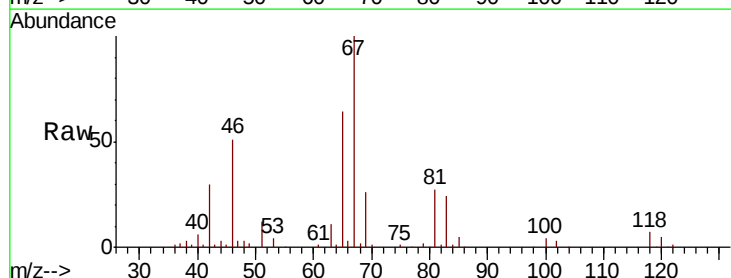
Acq: 19 Sep 2020 03:33

Tgt Ion: 63 Resp: 11875

Ion Ratio Lower Upper

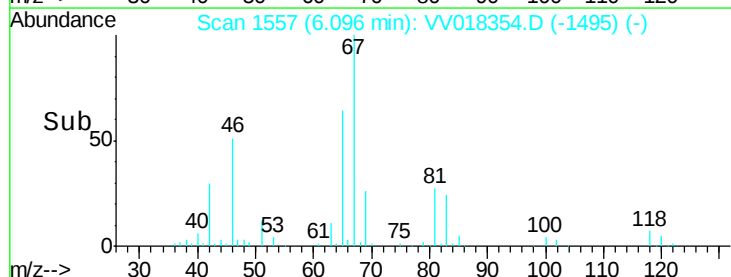
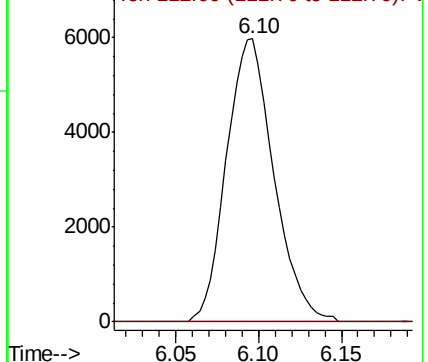
63 100

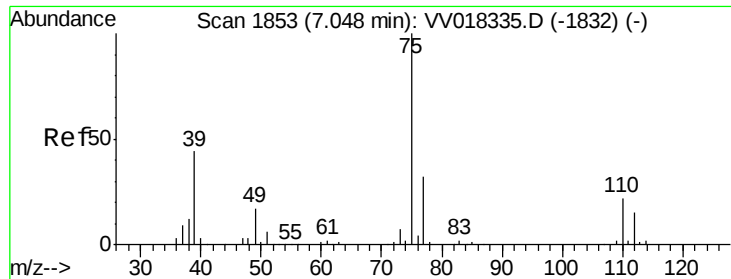
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

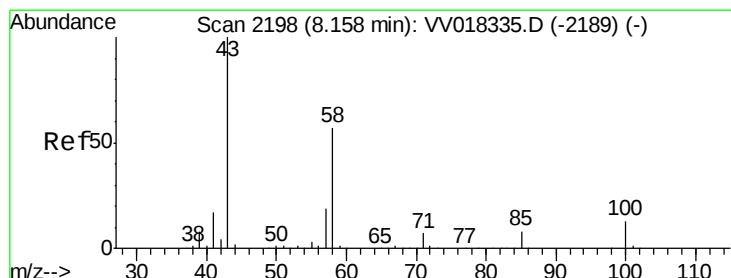
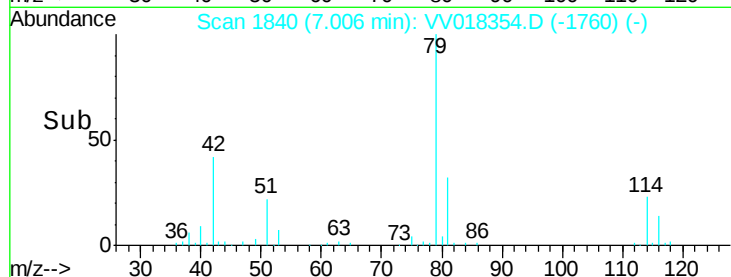
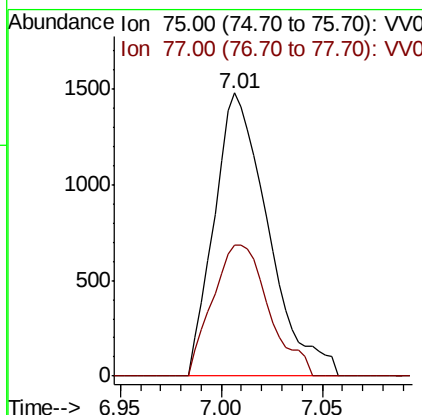
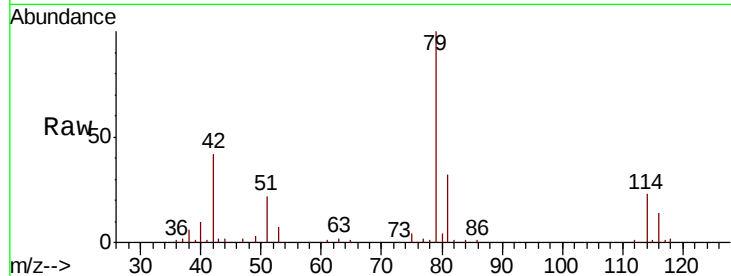




#39
 cis-1,3-Dichloropropene
 Concen: 0.874 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018354.D
 Acq: 19 Sep 2020 03:33

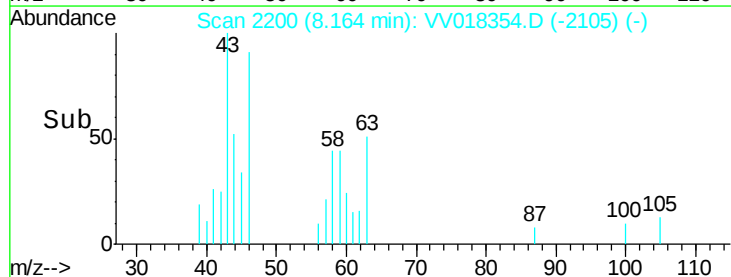
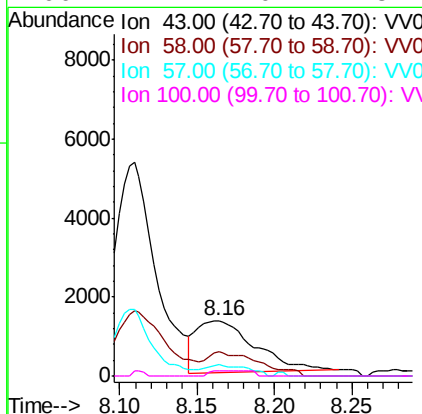
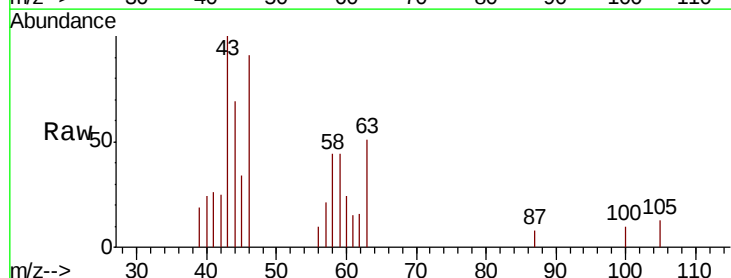
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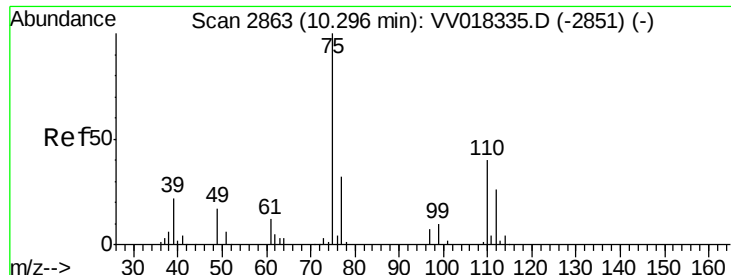
Tot Ion: 75 Resp: 2745
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.773 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018354.D
 Acq: 19 Sep 2020 03:33

Tgt Ion: 43 Resp: 3457
 Ion Ratio Lower Upper
 43 100
 58 6.4 44.8 67.2#
 57 2.3 15.8 23.6#
 100 4.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.130 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018354.D

Acq: 19 Sep 2020 03:33

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14700

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6

