

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019373.D
 Acq On : 13 Nov 2020 12:29
 Operator : SY/MD
 Sample : L4693-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Nov 16 15:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223262	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73872	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.58	69	62989	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.12	63	118755	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.58%
21) 2-Butanone-d5	3.91	46	79712	91.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.85%
24) Chloroform-d	4.38	84	141950	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	101158	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.07	84	258602	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
36) 1,2-Dichloropropane-d6	6.09	67	75110	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.34	98	243861	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%
43) trans-1,3-Dichloropropene-	7.64	79	43384	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.11	63	51191	85.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	94550	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	112910	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

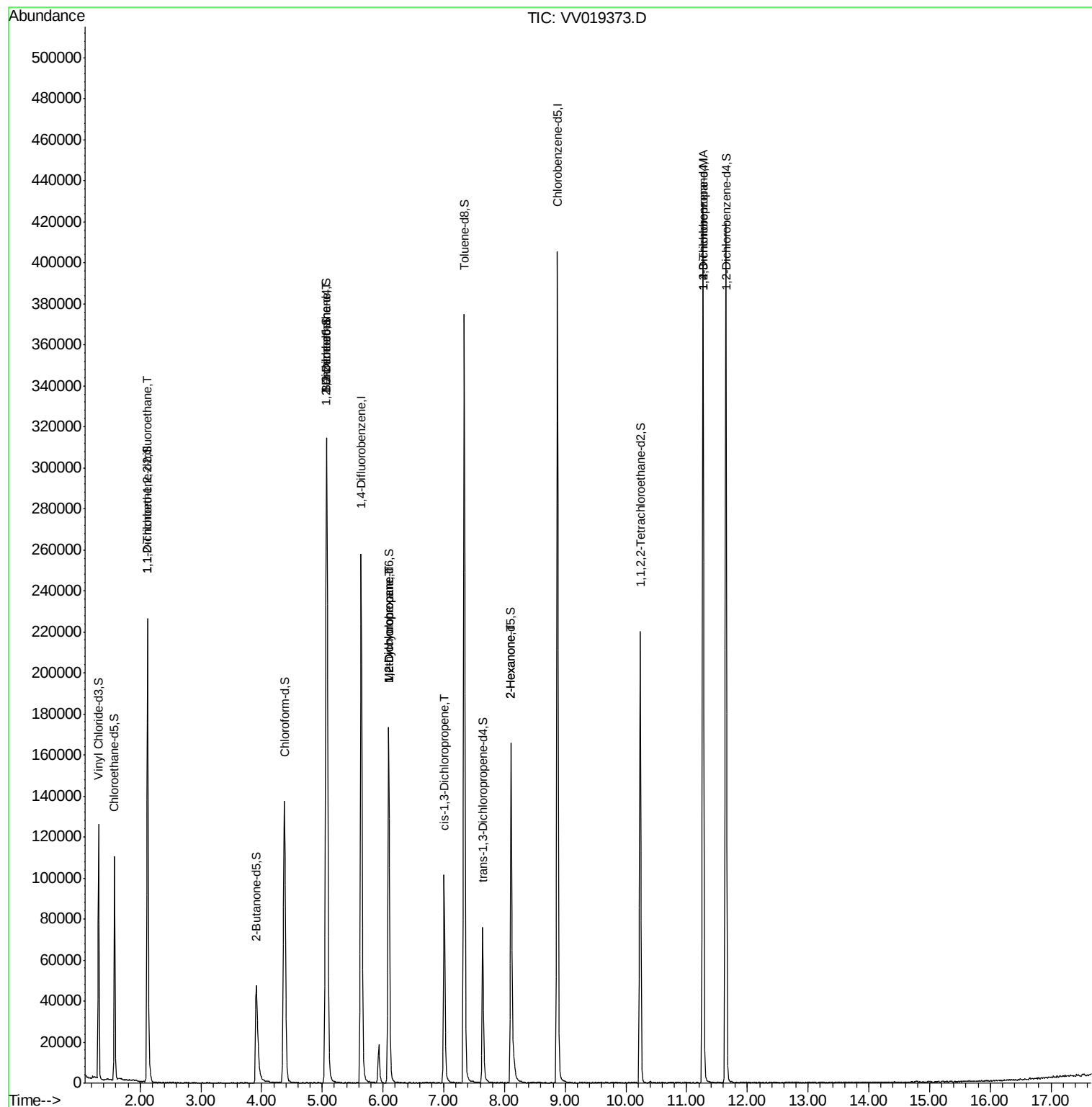
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1002	0.680 ug/L #	15
27) 1,2-Dichloroethane	5.08	62	1725	0.698 ug/L #	76
35) Methylcyclohexane	6.09	83	20329	9.727 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	10071	7.390 ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	2737	1.171 ug/L #	69
48) 2-Hexanone	8.11	43	6995	5.190 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	10644	5.719 ug/L #	87

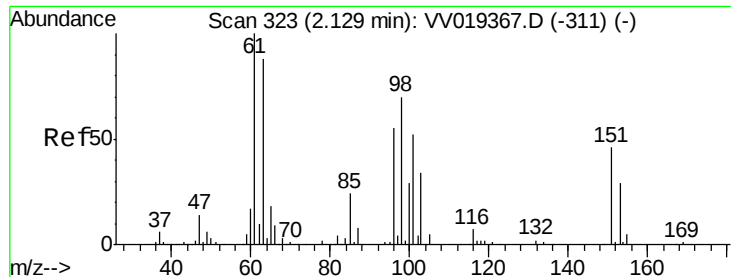
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019373.D

Acq: 13 Nov 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

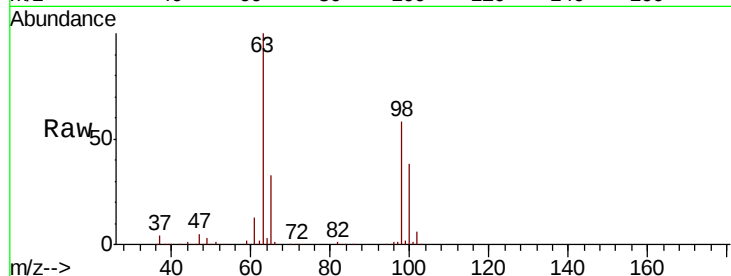
Tot Ion:101 Resp: 1002

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

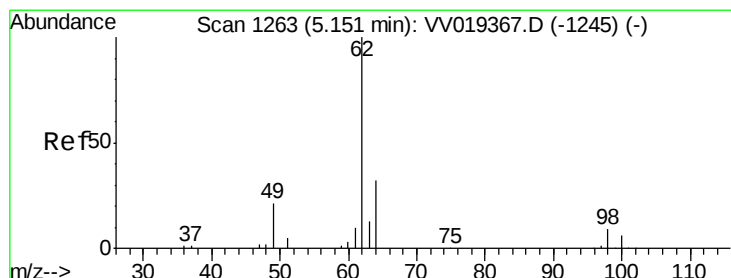
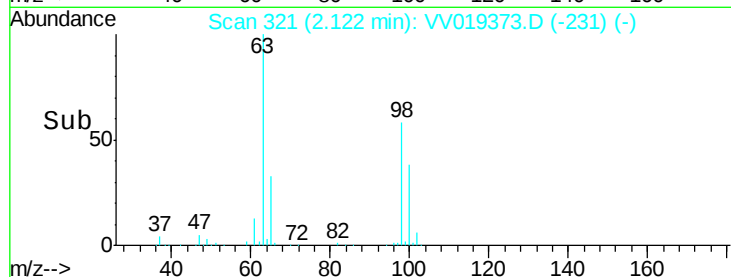
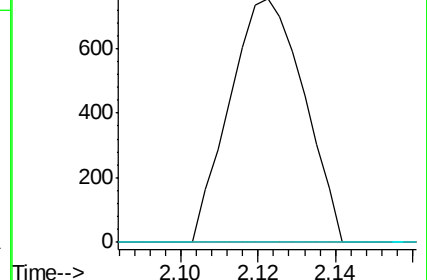
151 0.0 69.2 103.8#



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: 0.698 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV019373.D

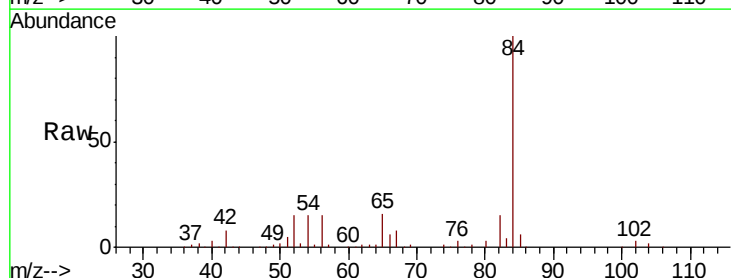
Acq: 13 Nov 2020 12:29

Tgt Ion: 62 Resp: 1725

Ion Ratio Lower Upper

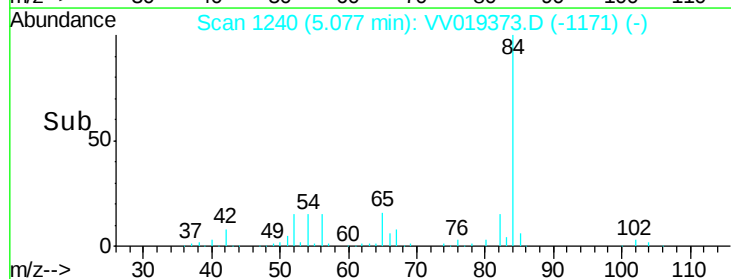
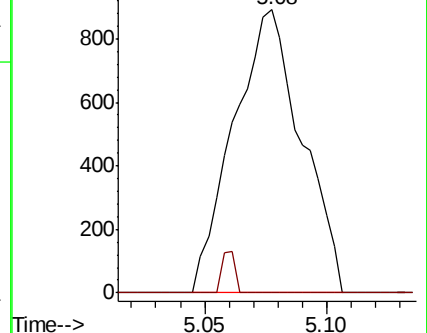
62 100

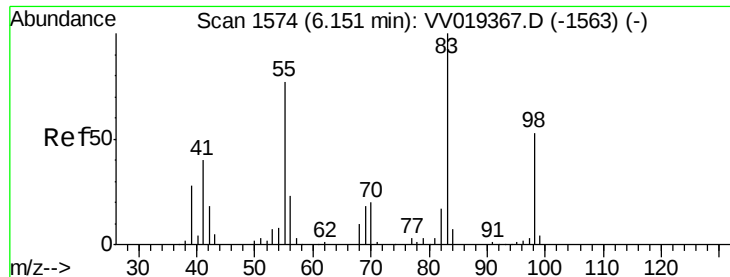
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

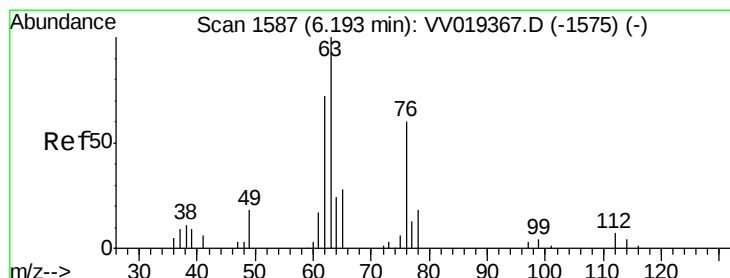
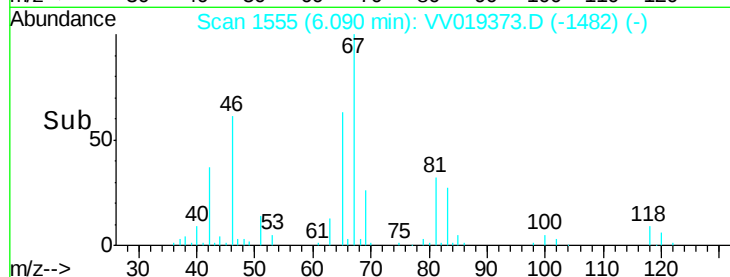
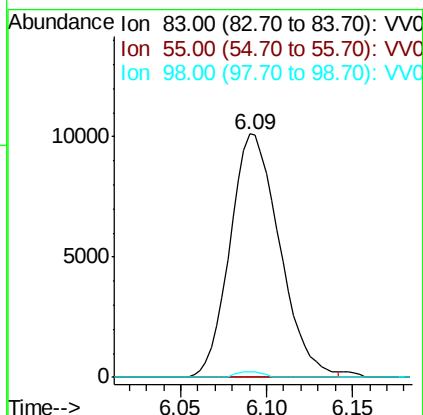
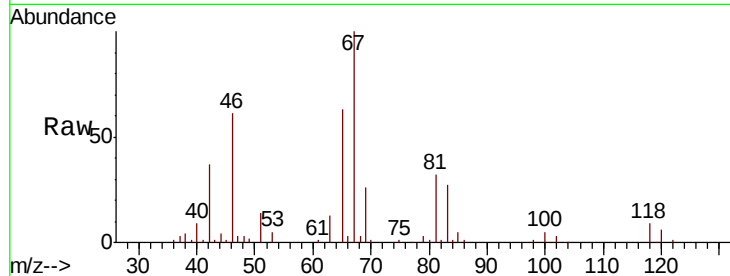




#35
Methvlcvclohexane
Concen: 9.727 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019373.D
Acq: 13 Nov 2020 12:29

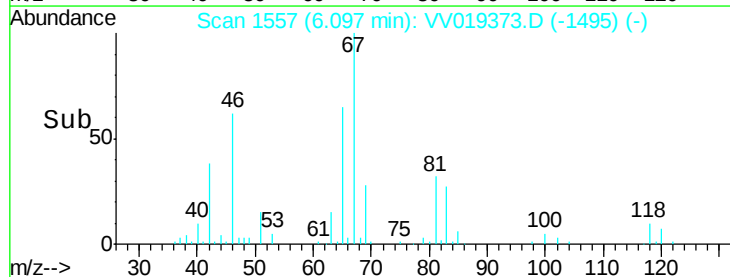
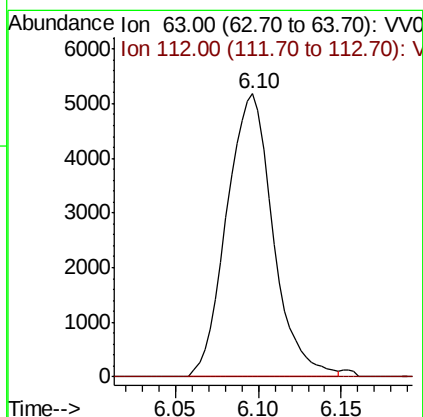
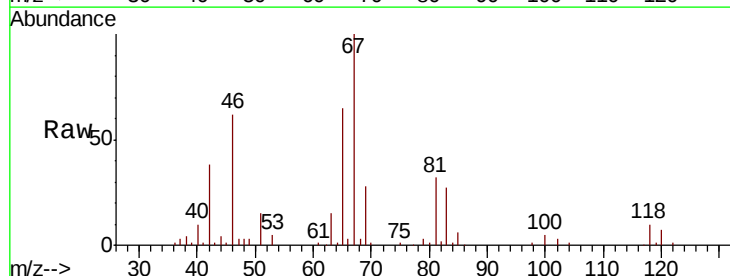
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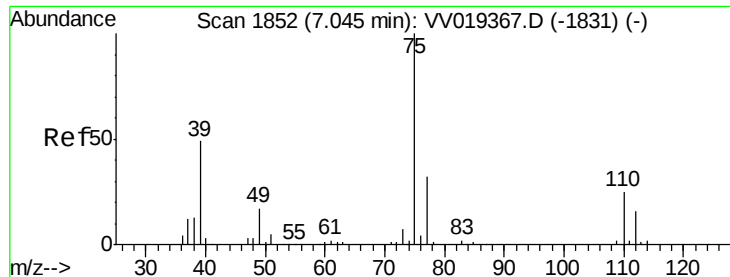
Tot Ion: 83 Resp: 20329
Ion Ratio Lower Upper
83 100
55 0.0 58.6 88.0#
98 1.2 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 7.390 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV019373.D
Acq: 13 Nov 2020 12:29

Tgt Ion: 63 Resp: 10071
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

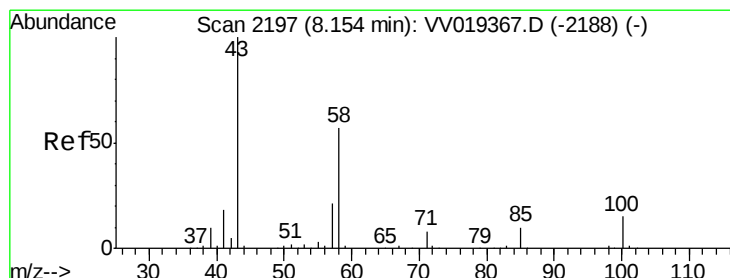
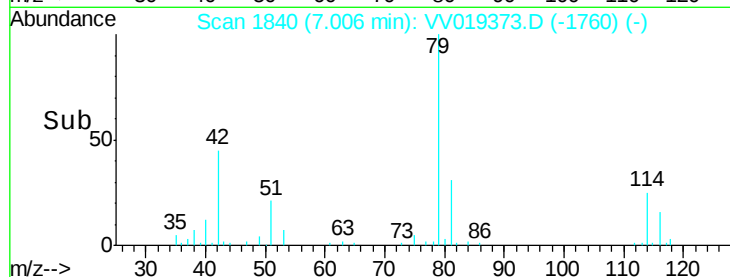
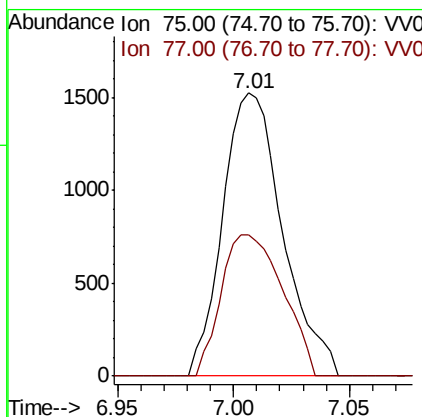
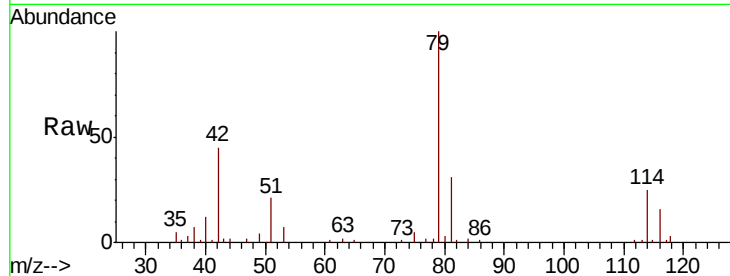




#39
 cis-1,3-Dichloropropene
 Concen: 1.171 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019373.D
 Acq: 13 Nov 2020 12:29

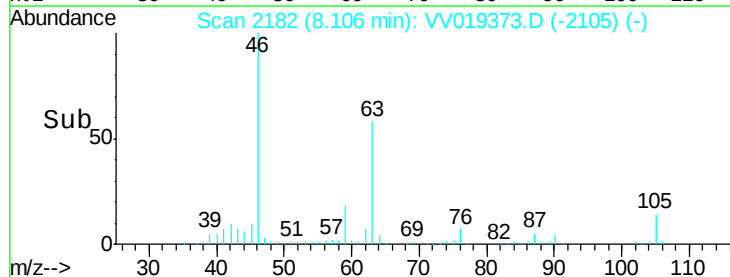
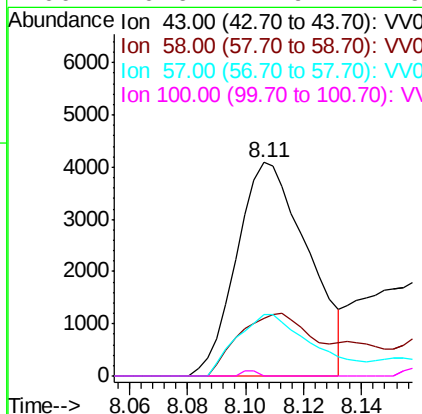
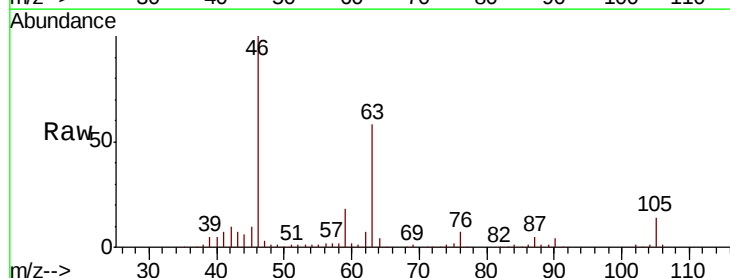
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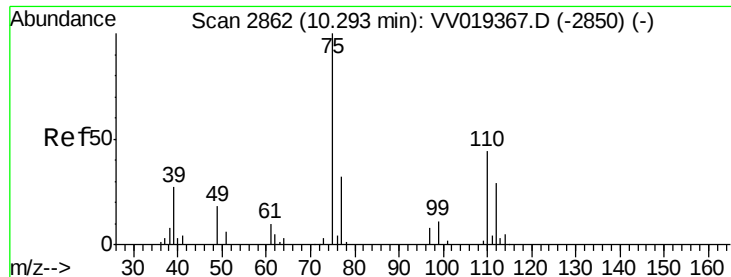
Tot Ion: 75 Resp: 2737
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.7 42.1#



#48
 2-Hexanone
 Concen: 5.190 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV019373.D
 Acq: 13 Nov 2020 12:29

Tgt Ion: 43 Resp: 6995
 Ion Ratio Lower Upper
 43 100
 58 30.0 43.6 65.4#
 57 31.1 17.2 25.8#
 100 0.6 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 5.719 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019373.D

Acq: 13 Nov 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 10644

Ion Ratio Lower Upper

75 100

77 38.5 25.0 37.4#

