

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016047.D
 Acq On : 13 May 2020 17:39
 Operator : SY/MD
 Sample : L2542-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:31:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152998	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44988	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.58	69	42585	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	66283	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.95	46	115619	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.38	84	87202	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	50265	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	175394	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	54732	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	154872	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.65	79	17981	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	8.12	63	89091	46.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38294	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55290	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

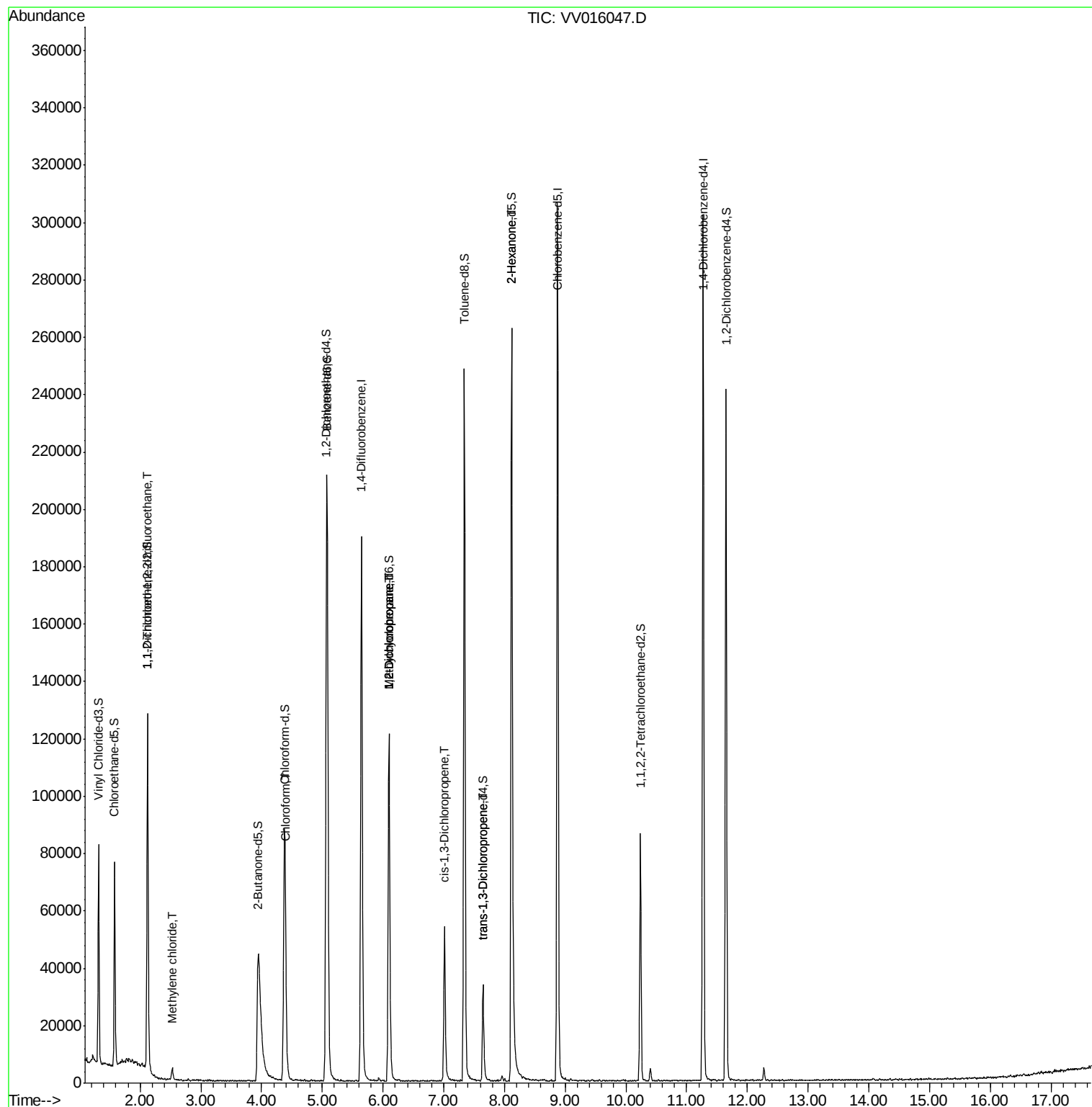
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	644	0.072 ug/L #	20
16) Methylene chloride	2.53	84	1646	0.162 ug/L	90
25) Chloroform	4.40	83	4701	0.236 ug/L	88
35) Methylcyclohexane	6.10	83	13152	0.791 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6703	0.685 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1538	0.111 ug/L #	80
46) trans-1,3-Dichloropropene	7.65	75	985	0.084 ug/L	92
50) 2-Hexanone	8.12	43	14254	3.307 ug/L #	80

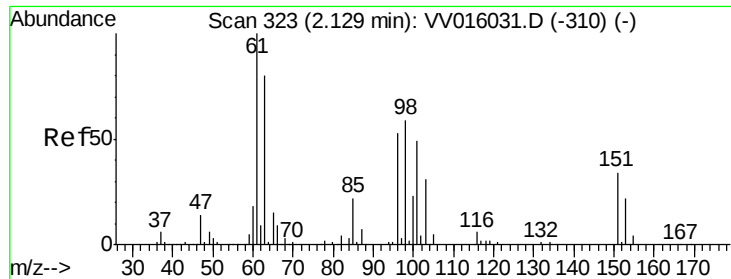
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051320\
Data File : VV016047.D
Acq On : 13 May 2020 17:39
Operator : SY/MD
Sample : L2542-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 14 02:31:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016047.D

Acq: 13 May 2020 17:39

Instrument :

MSVOA_V

ClientSampled :

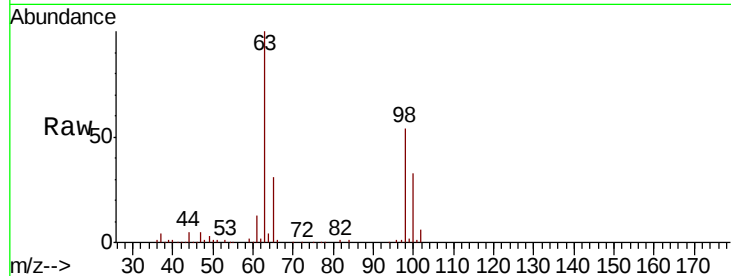
Tot Ion:101 Resp: 644

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

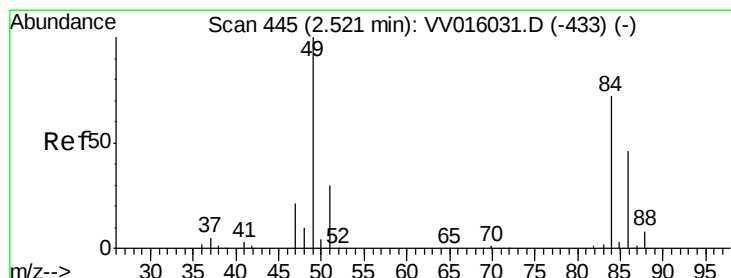
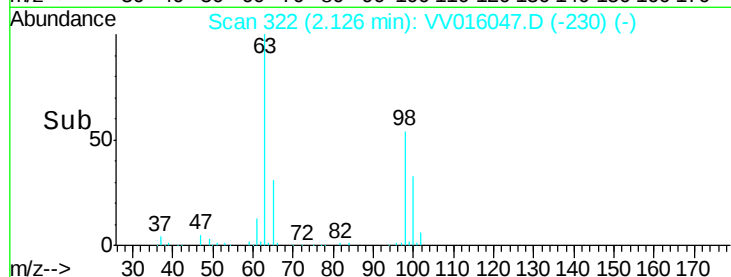
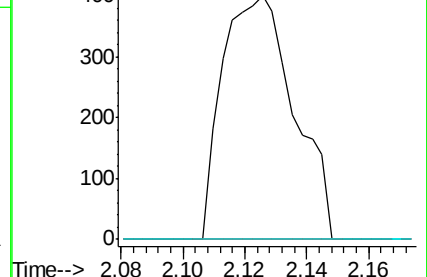
151 0.0 58.0 87.0#



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



#16

Methylene chloride

Concen: 0.162 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV016047.D

Acq: 13 May 2020 17:39

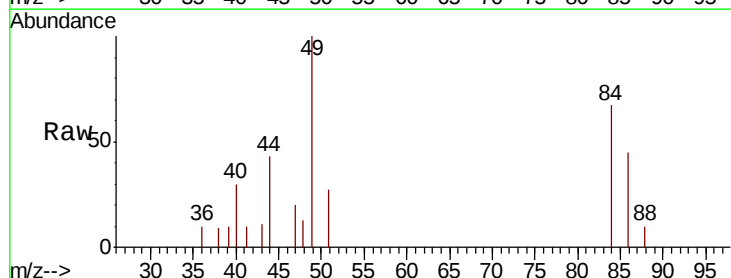
Tgt Ion: 84 Resp: 1646

Ion Ratio Lower Upper

84 100

86 67.6 45.6 84.8

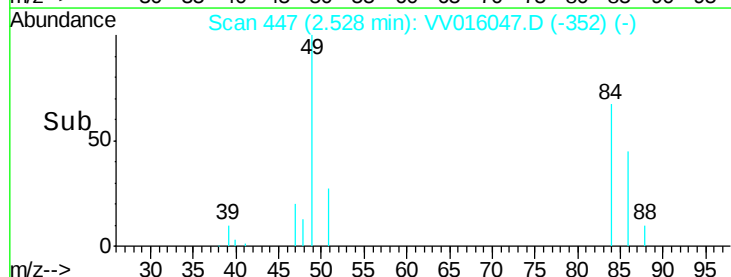
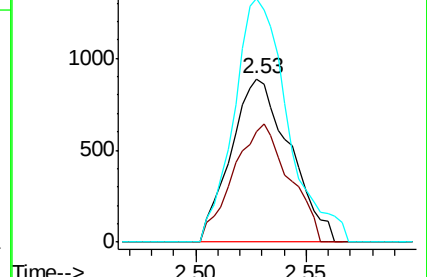
49 149.2 93.6 173.8

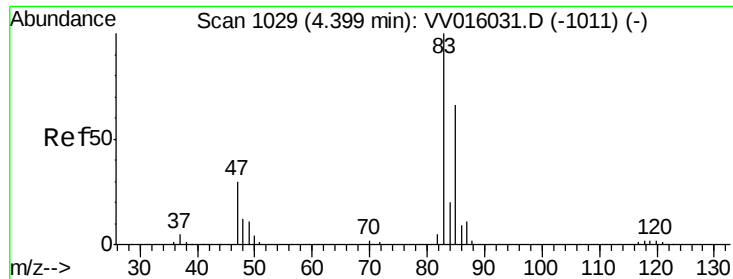


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

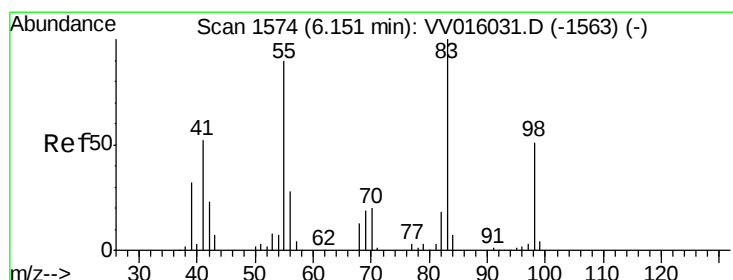
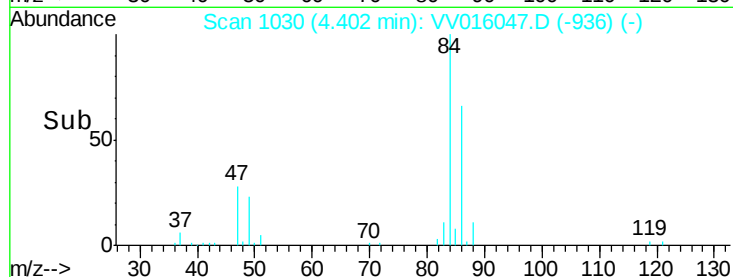
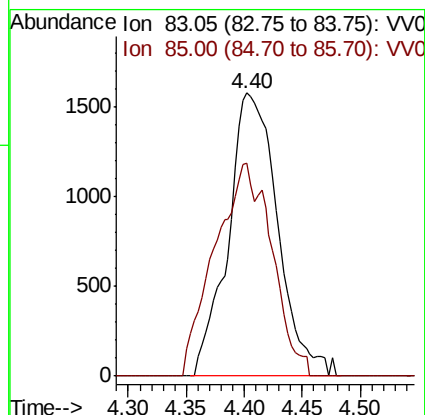
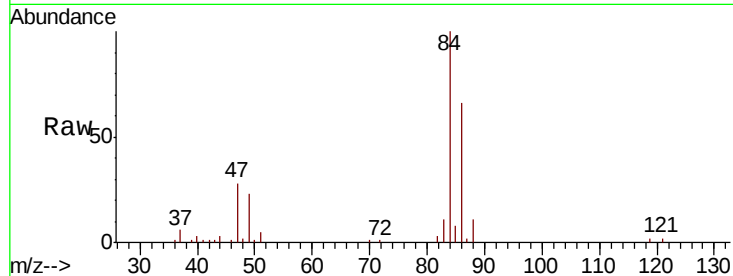




#25
Chloroform
Concen: 0.236 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016047.D
Acq: 13 May 2020 17:39

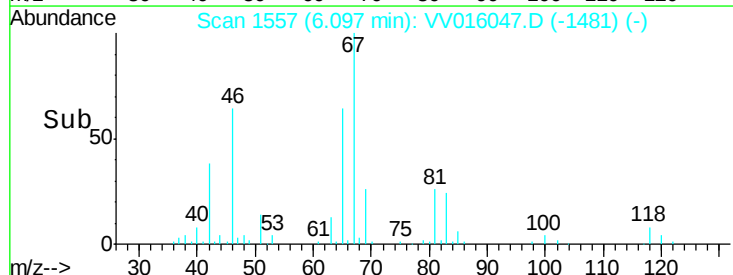
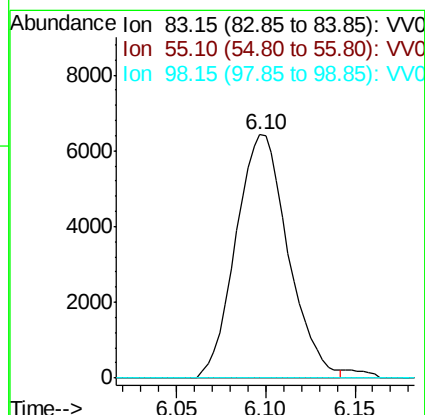
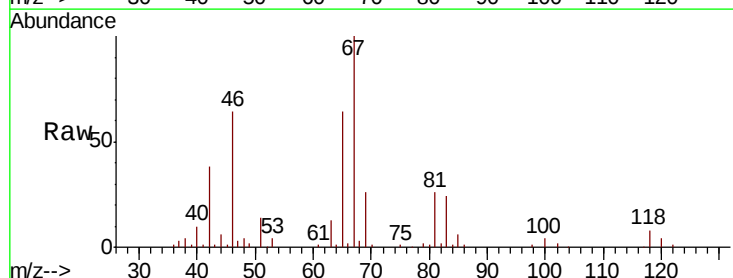
Instrument :
MSVOA_V
ClientSampleId :

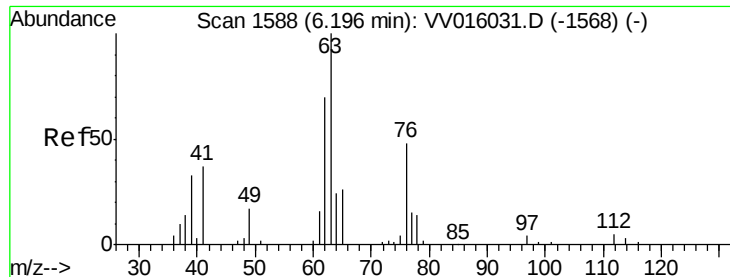
Tot Ion: 83 Resp: 4701
Ion Ratio Lower Upper
83 100
85 75.2 45.7 84.9



#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016047.D
Acq: 13 May 2020 17:39

Tgt Ion: 83 Resp: 13152
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.3 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016047.D

Acq: 13 May 2020 17:39

Instrument :

MSVOA_V

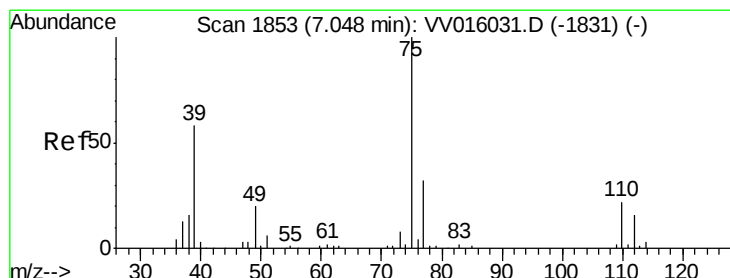
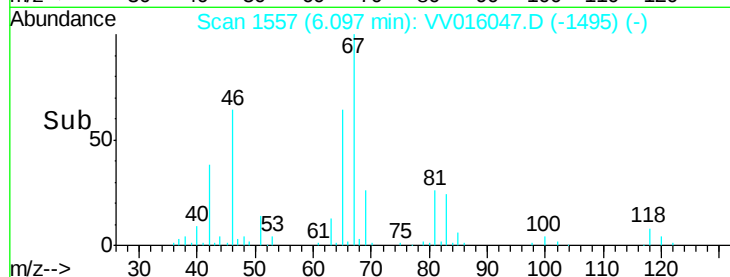
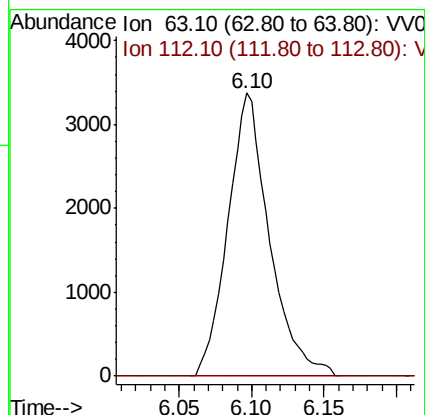
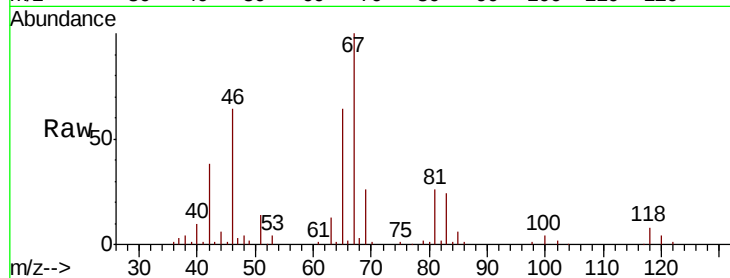
ClientSampleId :

Tot Ion: 63 Resp: 6703

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016047.D

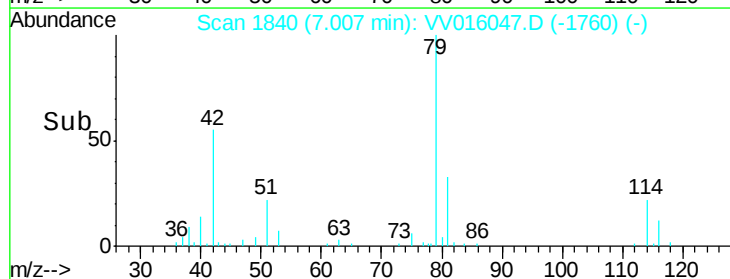
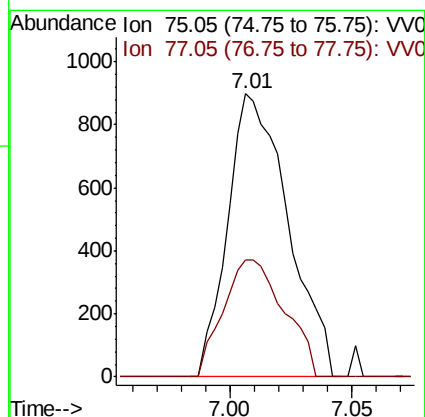
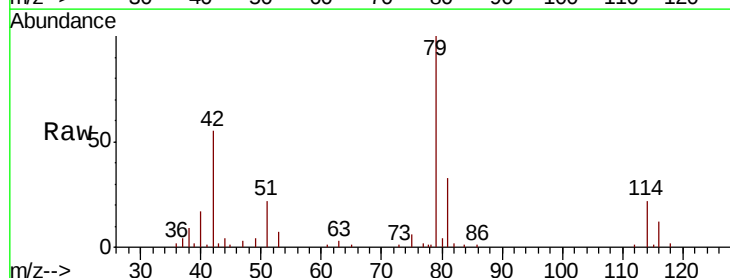
Acq: 13 May 2020 17:39

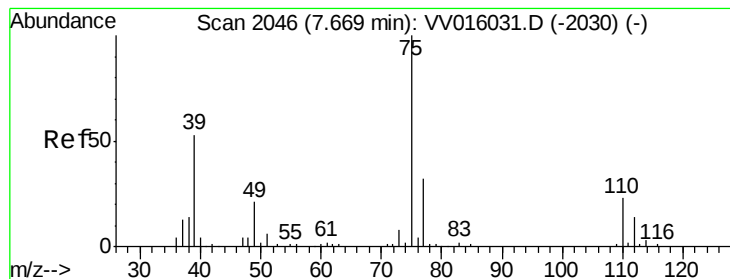
Tgt Ion: 75 Resp: 1538

Ion Ratio Lower Upper

75 100

77 41.3 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV016047.D

Acq: 13 May 2020 17:39

Instrument :

MSVOA_V

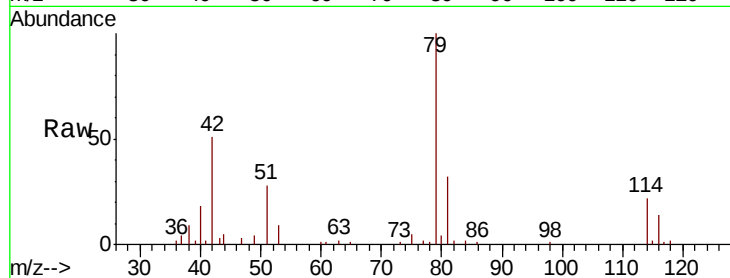
ClientSampleId :

Tot Ion: 75 Resp: 985

Ion Ratio Lower Upper

75 100

77 34.8 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

600

500

400

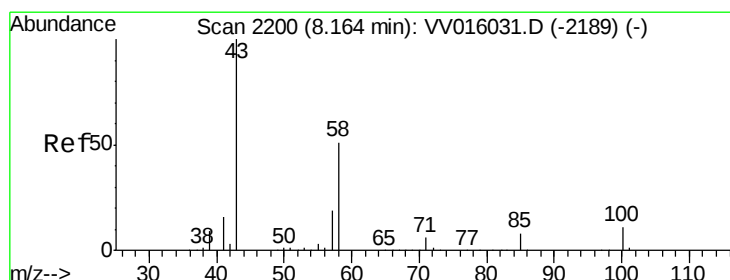
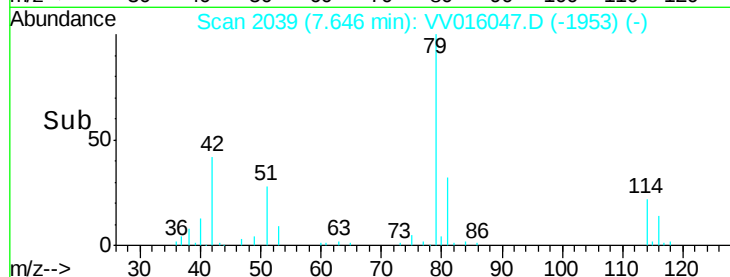
300

200

100

0

Time--> 7.60 7.65



#50

2-Hexanone

Concen: 3.307 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016047.D

Acq: 13 May 2020 17:39

Tgt Ion: 43 Resp: 14254

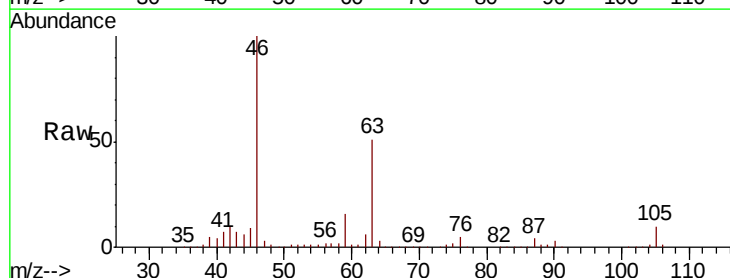
Ion Ratio Lower Upper

43 100

58 38.2 40.8 61.2#

57 26.5 14.7 22.1#

100 0.1 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

10000

8000

6000

4000

2000

0

Time--> 8.05 8.10 8.15 8.20 8.25

