

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015693.D
 Acq On : 25 Apr 2020 14:46
 Operator : SY/MD
 Sample : L2388-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121574	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26478	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	28793	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	44189	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.91	46	102318	50.16	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	4.38	84	71710	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	42763	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	134878	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.09	67	44213	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	120347	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.64	79	12524	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.11	63	74257	43.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31206	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47512	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

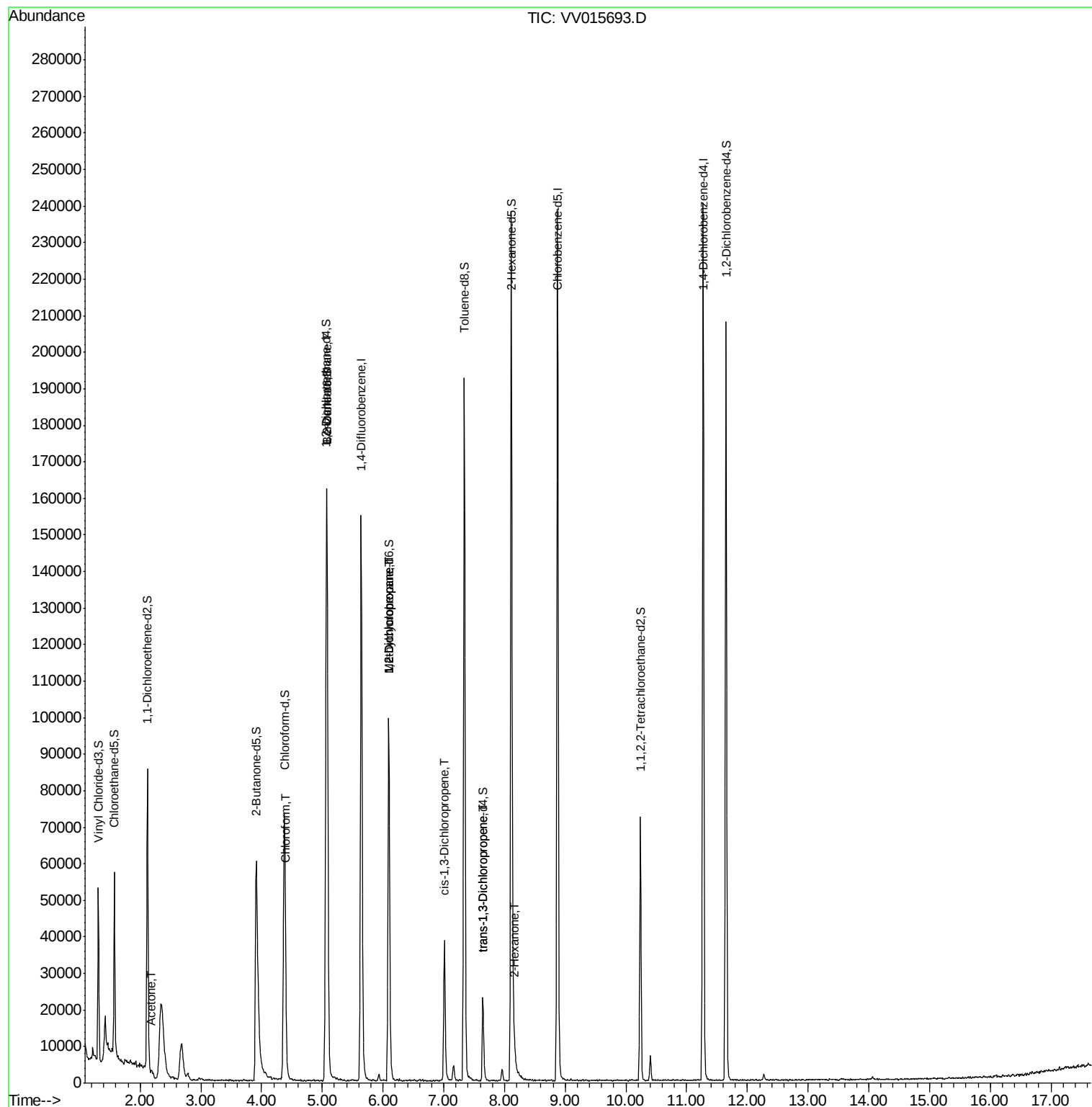
					Ovalue
13) Acetone	2.19	43	2490	1.758 ug/L	86
25) Chloroform	4.40	83	2428	0.147 ug/L	96
27) 1,2-Dichloroethane	5.08	62	869	0.080 ug/L #	78
35) Methylcyclohexane	6.09	83	11007	0.773 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5712	0.669 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1313	0.110 ug/L #	77
44) trans-1,3-Dichloropropene	7.65	75	680	0.068 ug/L	91
48) 2-Hexanone	8.16	43	3318	0.839 ug/L #	41

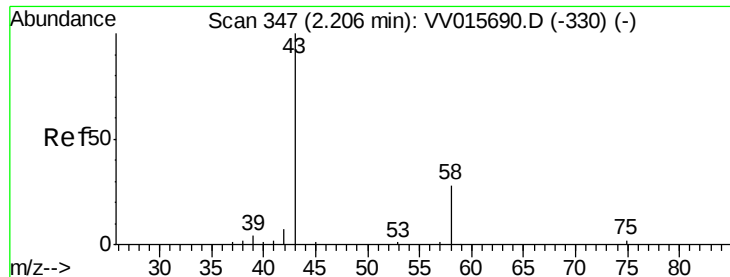
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.758 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV015693.D

Acq: 25 Apr 2020 14:46

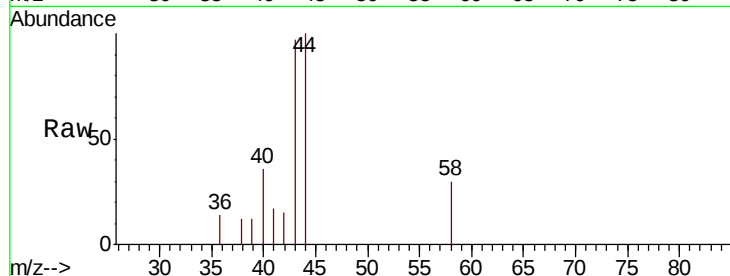
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2490

Ion Ratio Lower Upper

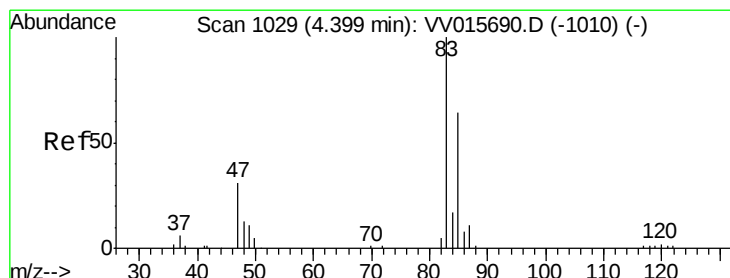
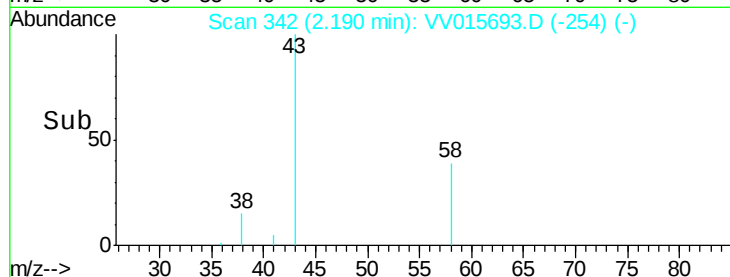
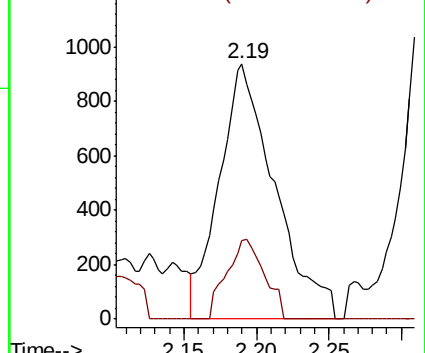
43 100

58 21.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015693.D (-254) (-)

Ion 58.05 (57.75 to 58.75): VV015693.D (-254) (-)



#25

Chloroform

Concen: 0.147 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015693.D

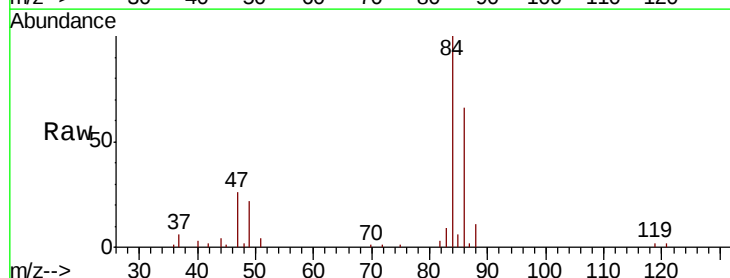
Acq: 25 Apr 2020 14:46

Tgt Ion: 83 Resp: 2428

Ion Ratio Lower Upper

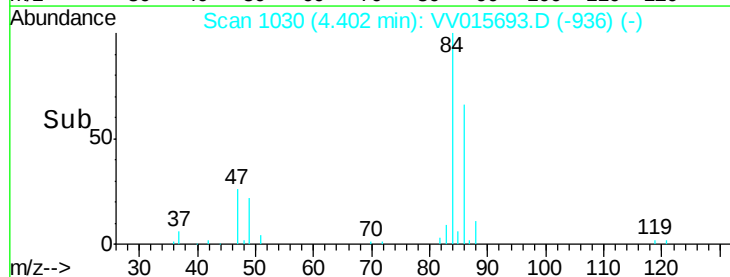
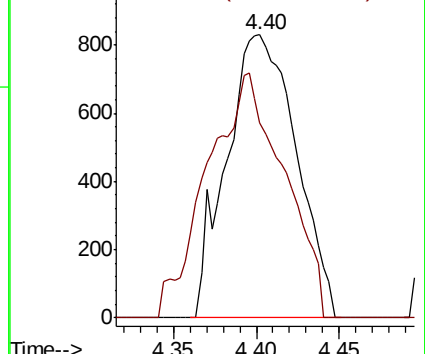
83 100

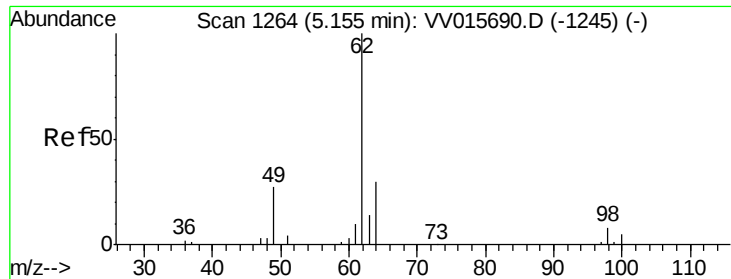
85 69.0 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015693.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015693.D (-936) (-)

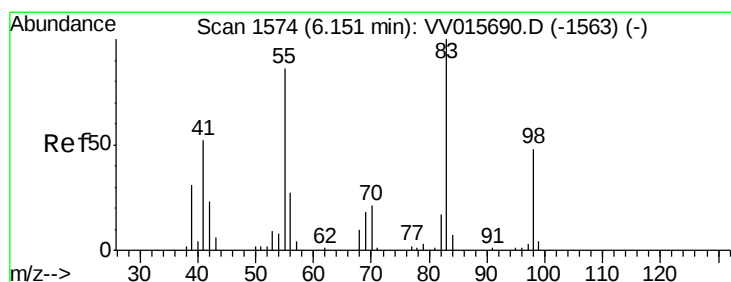
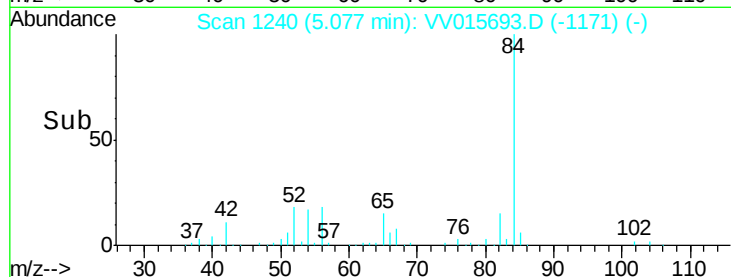
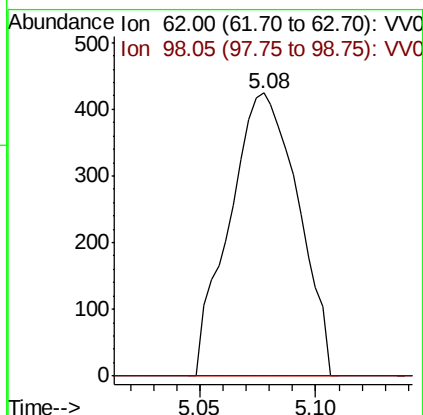
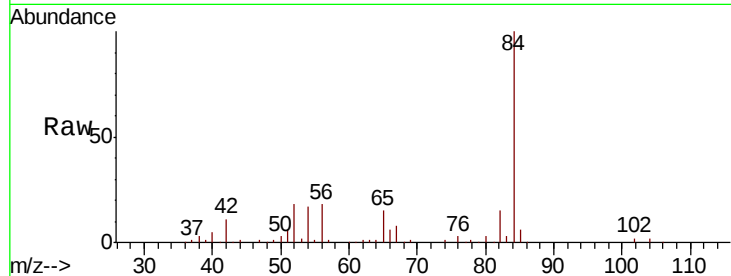




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015693.D
 Acq: 25 Apr 2020 14:46

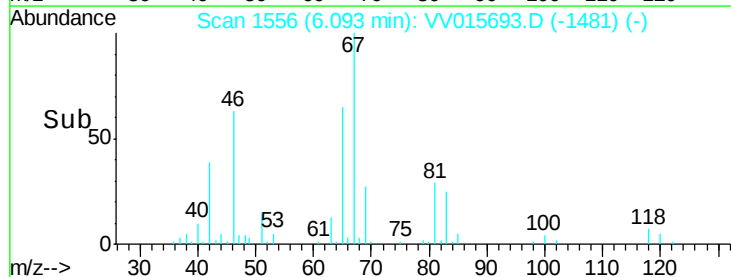
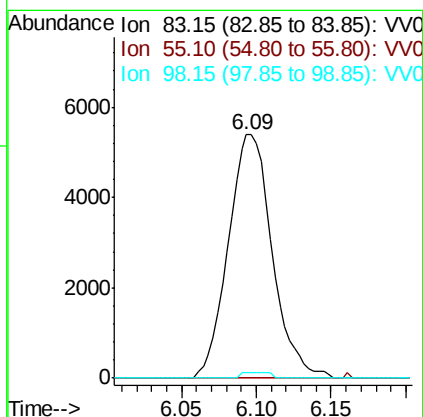
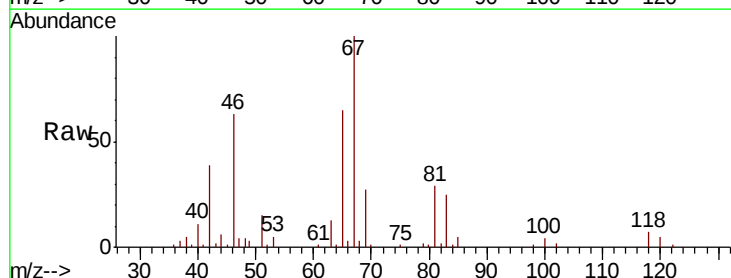
Instrument :
 MSVOA_V
 ClientSampleId :

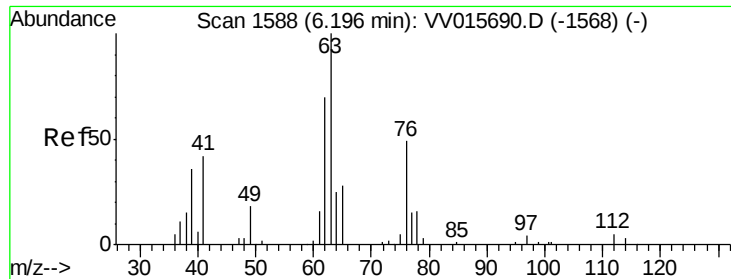
Tot Ion: 62 Resp: 869
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.773 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015693.D
 Acq: 25 Apr 2020 14:46

Tgt Ion: 83 Resp: 11007
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.6 99.8#
 98 1.5 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.669 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015693.D

Acq: 25 Apr 2020 14:46

Instrument :

MSVOA_V

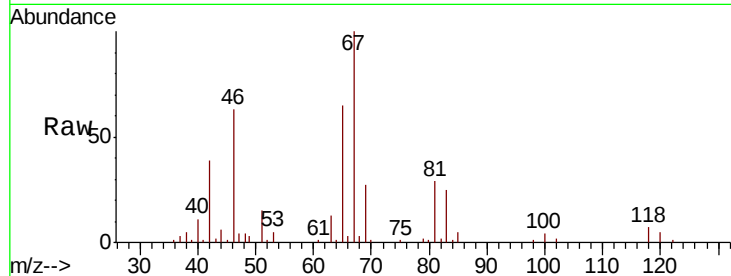
ClientSampleId :

Tot Ion: 63 Resp: 5712

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015693.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV015693.D (-1495) (-)

6.09

3000

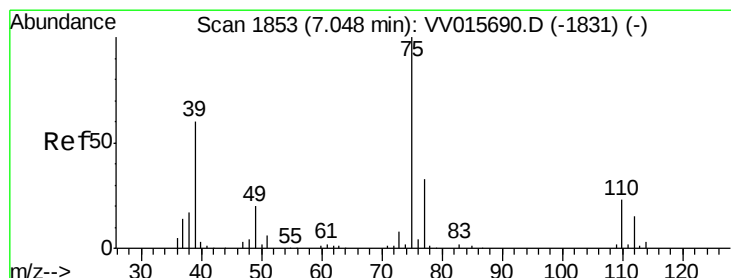
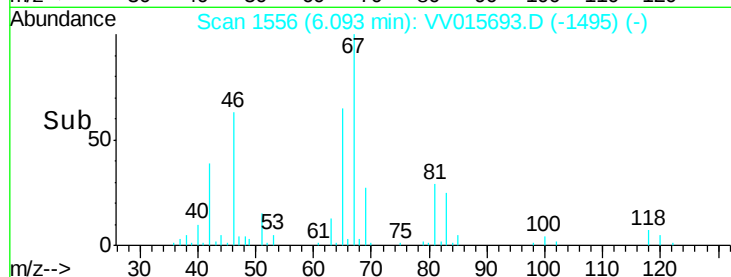
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015693.D

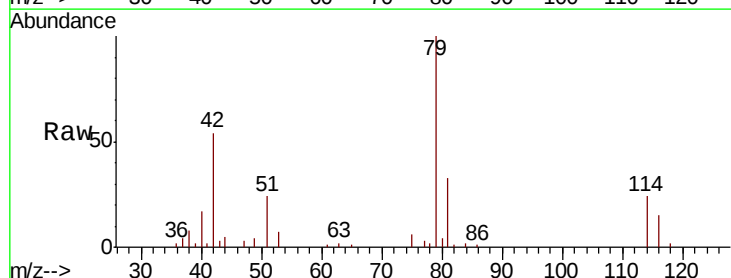
Acq: 25 Apr 2020 14:46

Tgt Ion: 75 Resp: 1313

Ion Ratio Lower Upper

75 100

77 44.4 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV015693.D (-1760) (-)

Ion 77.05 (76.75 to 77.75): VV015693.D (-1760) (-)

7.01

800

600

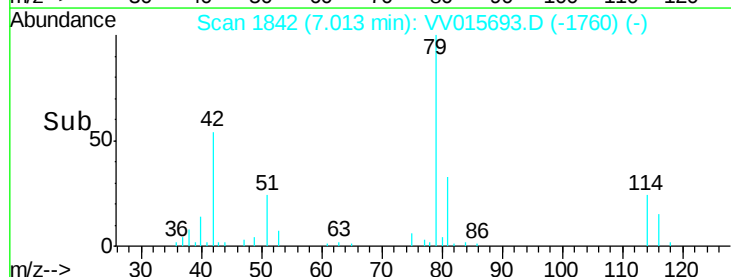
400

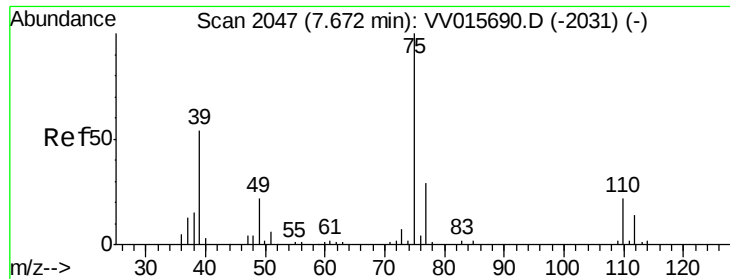
200

0

6.95 7.00 7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015693.D

Acq: 25 Apr 2020 14:46

Instrument :

MSVOA_V

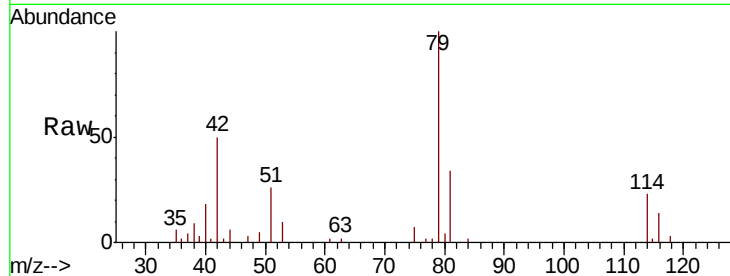
ClientSampled :

Tot Ion: 75 Resp: 680

Ion Ratio Lower Upper

75 100

77 36.3 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

400

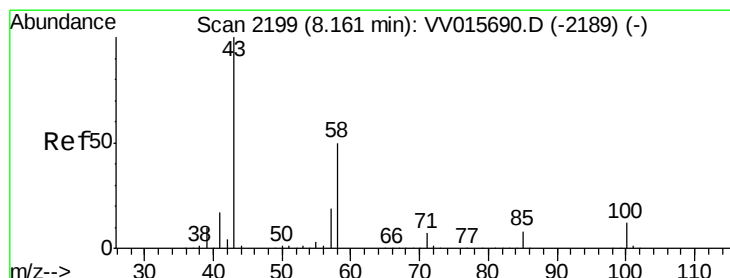
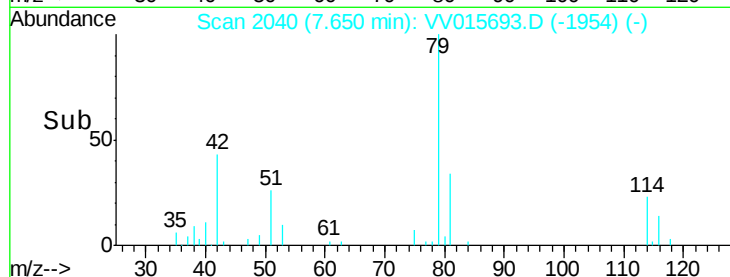
300

200

100

0

Time--> 7.60 7.62 7.64 7.66 7.68



#48

2-Hexanone

Concen: 0.839 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV015693.D

Acq: 25 Apr 2020 14:46

Tgt Ion: 43 Resp: 3318

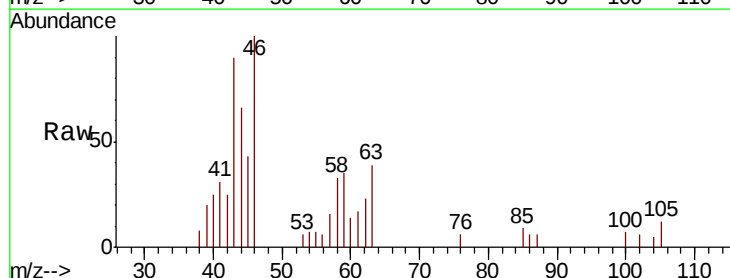
Ion Ratio Lower Upper

43 100

58 0.0 41.1 61.7#

57 0.0 15.0 22.4#

100 2.9 9.0 13.4#



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

8000

6000

4000

2000

0

Time--> 8.15 8.20

