

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016272.D
 Acq On : 28 May 2020 13:20
 Operator : SY/MD
 Sample : L2753-24
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 04:18:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 03:33:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	85896	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83961	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22890	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	22593	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	34680	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.94	46	73221	53.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	4.38	84	50954	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	28630	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	100360	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	31512	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	89009	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	10485	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
48) 2-Hexanone-d5	8.12	63	53328	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22979	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	32425	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

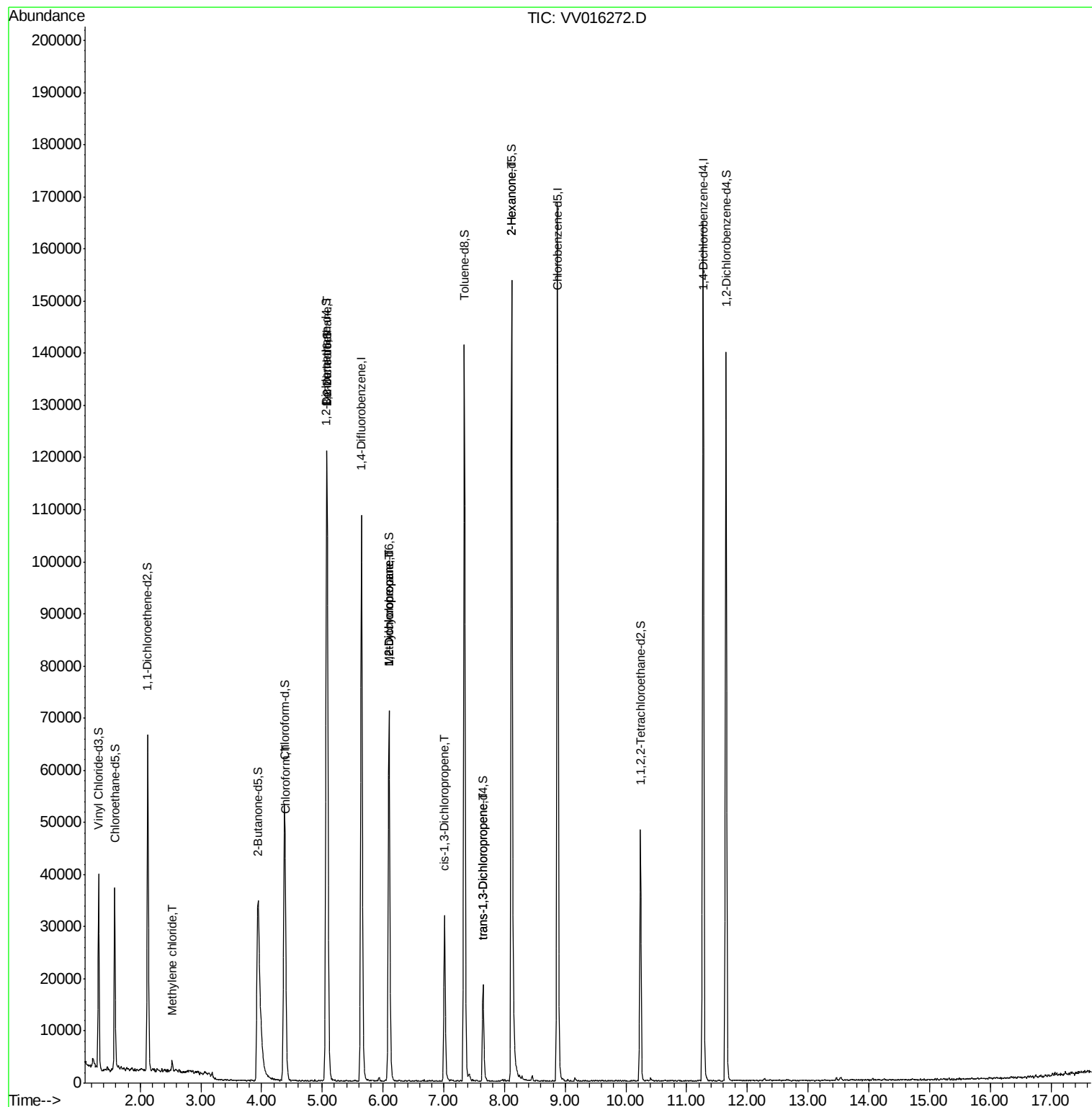
					Ovalue
16) Methylene chloride	2.53	84	719	0.124 ug/L	90
25) Chloroform	4.40	83	1811	0.162 ug/L #	72
27) 1,2-Dichloroethane	5.08	62	626	0.086 ug/L #	79
35) Methylcyclohexane	6.10	83	7772	0.732 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3870	0.653 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1015	0.121 ug/L	83
46) trans-1,3-Dichloropropene	7.65	75	382	0.055 ug/L #	66
50) 2-Hexanone	8.12	43	7358	2.862 ug/L #	70

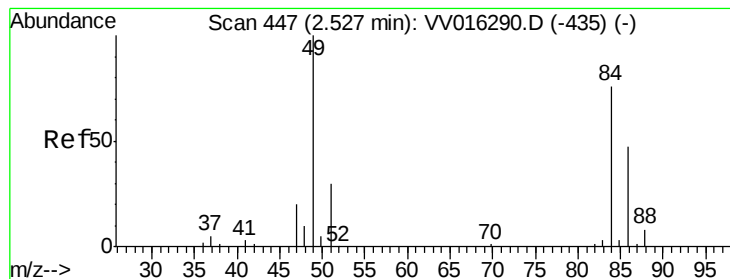
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.124 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016272.D

Acq: 28 May 2020 13:20

Instrument :

MSVOA_V

ClientSampleId :

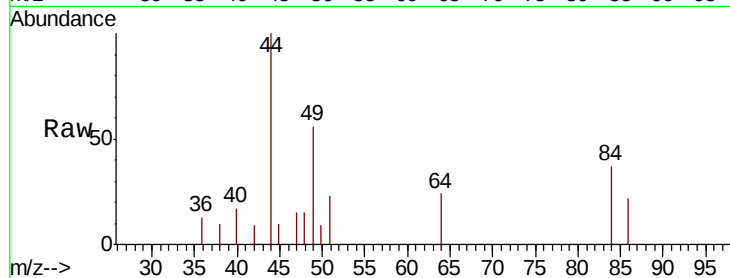
Tot Ion: 84 Resp: 719

Ion Ratio Lower Upper

84 100

86 59.6 44.9 83.5

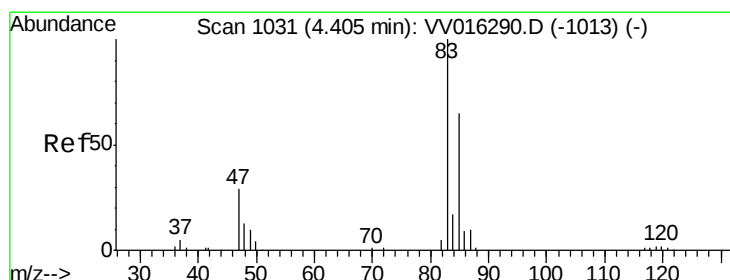
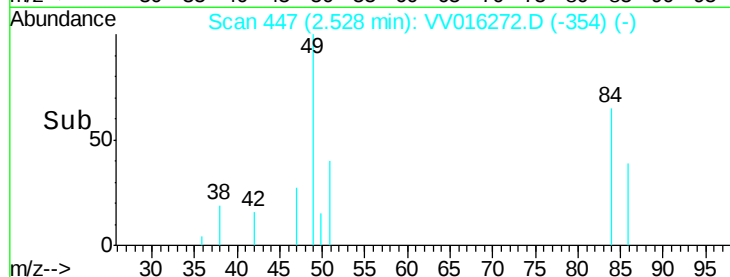
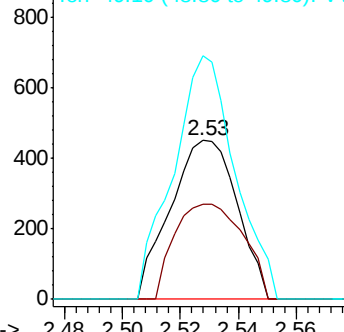
49 153.1 96.7 179.7



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: 0.162 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV016272.D

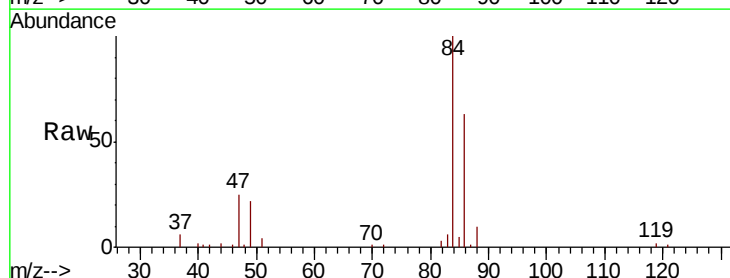
Acq: 28 May 2020 13:20

Tgt Ion: 83 Resp: 1811

Ion Ratio Lower Upper

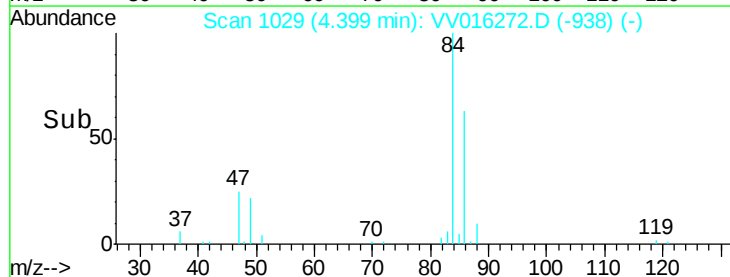
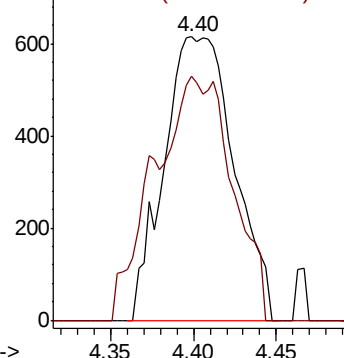
83 100

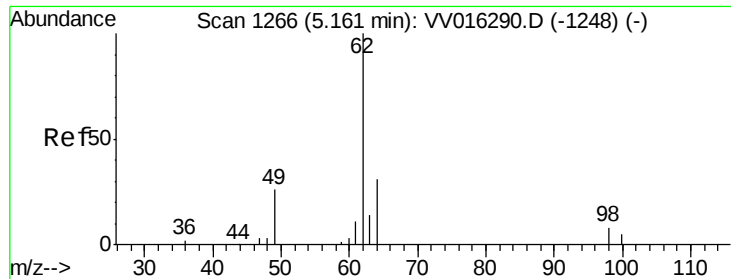
85 86.2 45.1 83.7#



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

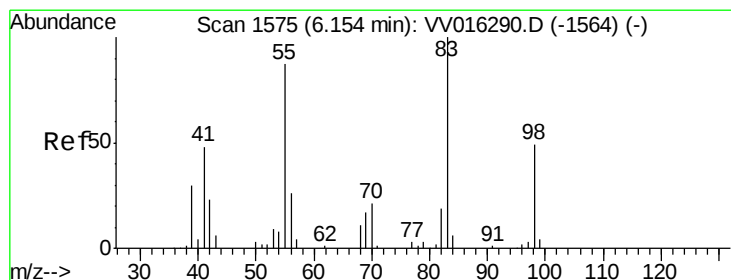
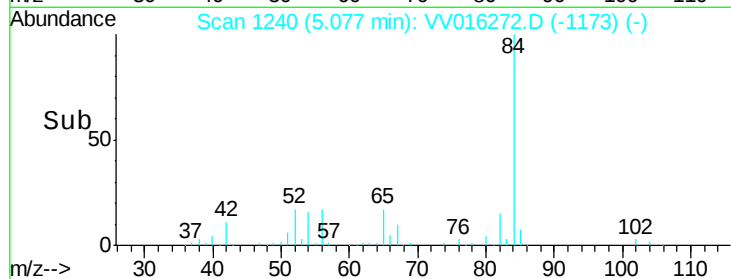
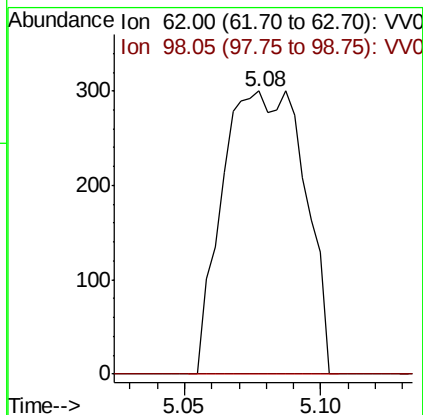
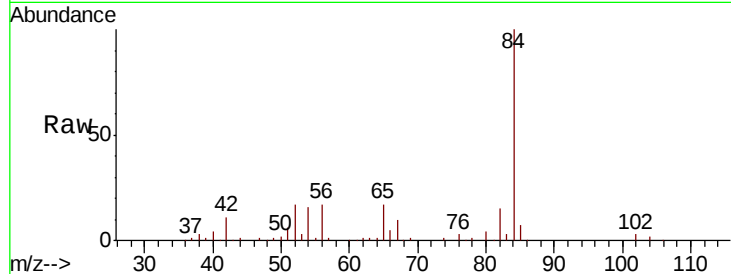




#27
 1,2-Dichloroethane
 Concen: 0.086 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016272.D
 Acq: 28 May 2020 13:20

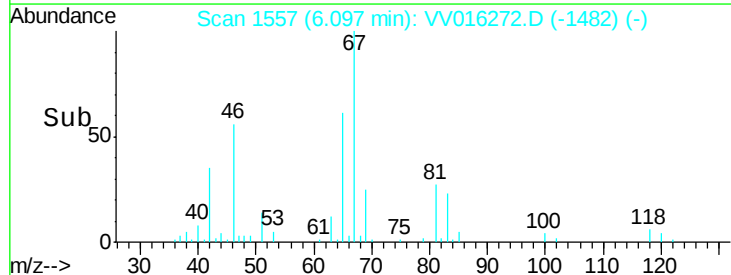
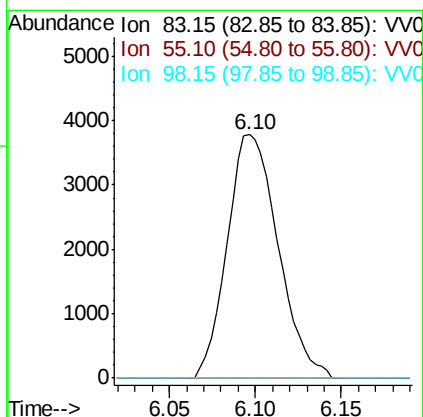
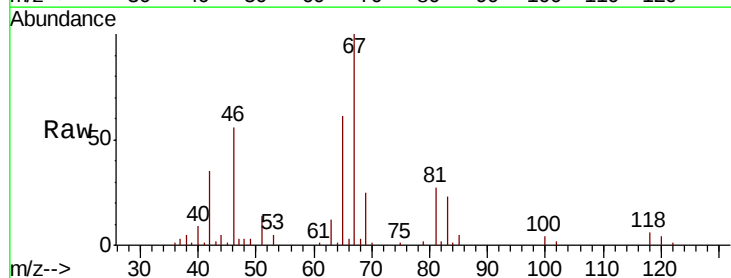
Instrument :
 MSVOA_V
 ClientSampleId :

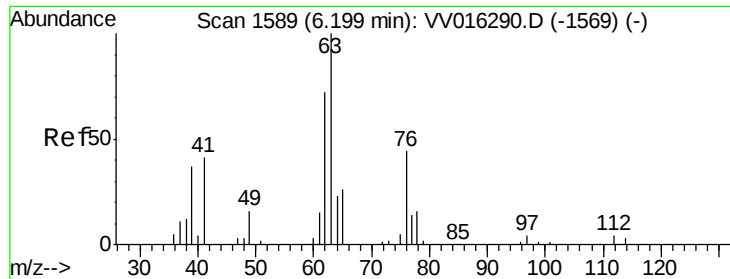
Tot Ion: 62 Resp: 626
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.732 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016272.D
 Acq: 28 May 2020 13:20

Tgt Ion: 83 Resp: 7772
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.0 39.3 58.9#

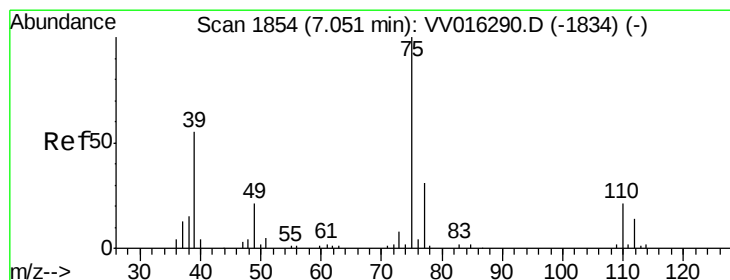
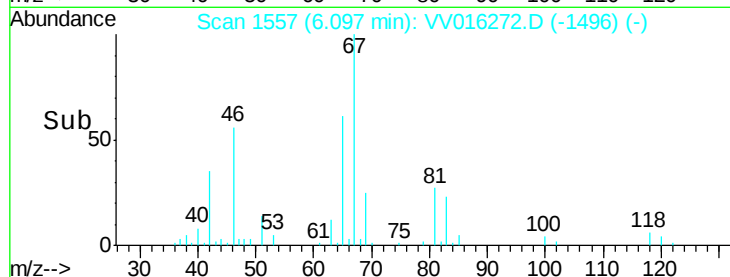
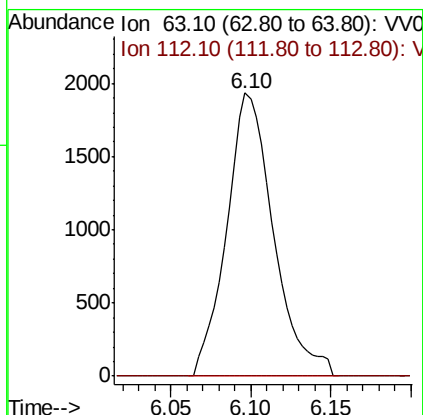
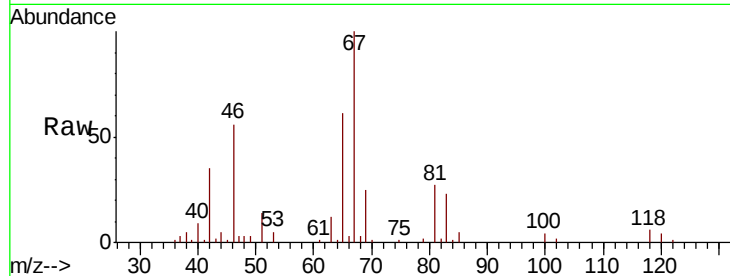




#37
 1,2-Dichloropropane
 Concen: 0.653 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016272.D
 Acq: 28 May 2020 13:20

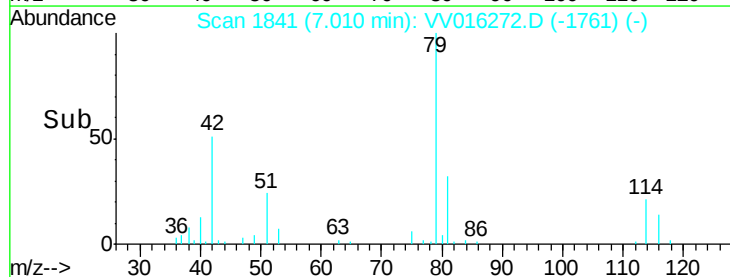
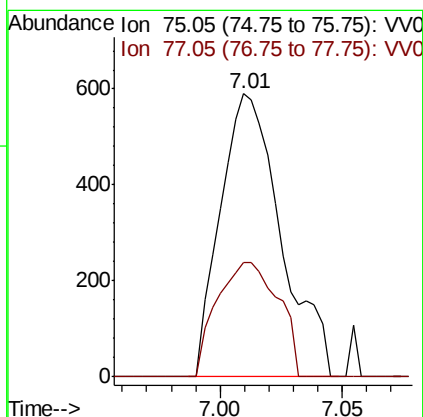
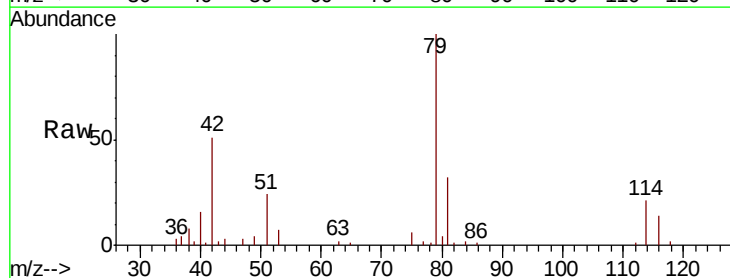
Instrument :
 MSVOA_V
 ClientSampleId :

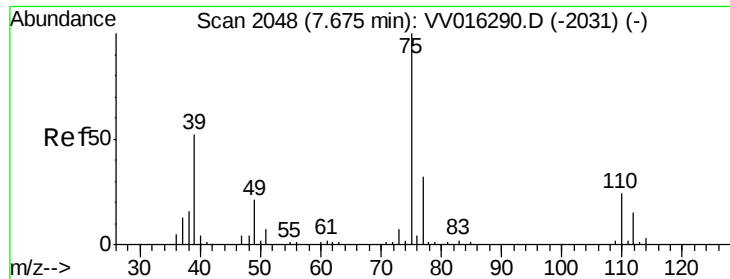
Tot Ion: 63 Resp: 3870
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016272.D
 Acq: 28 May 2020 13:20

Tgt Ion: 75 Resp: 1015
 Ion Ratio Lower Upper
 75 100
 77 40.2 21.7 40.3





#46

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV016272.D

Acq: 28 May 2020 13:20

Instrument :

MSVOA_V

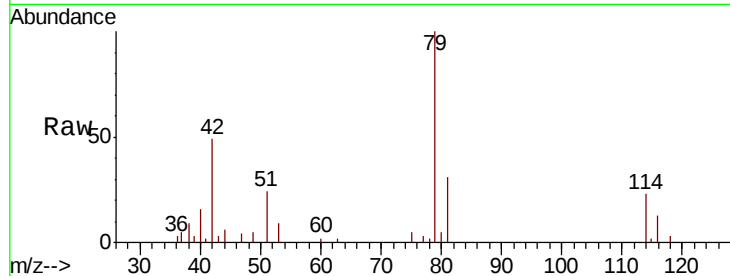
ClientSampleId :

Tot Ion: 75 Resp: 382

Ion Ratio Lower Upper

75 100

77 49.7 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

300

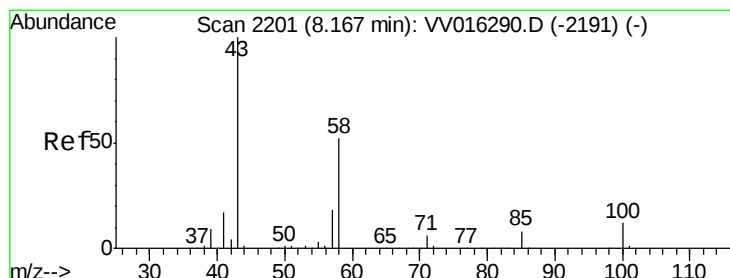
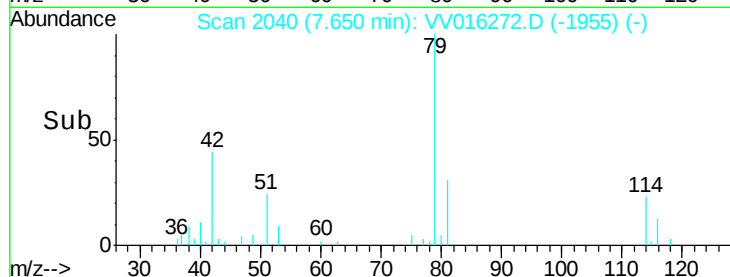
200

100

0

7.62 7.64 7.66

Time-->



#50

2-Hexanone

Concen: 2.862 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016272.D

Acq: 28 May 2020 13:20

Tgt Ion: 43 Resp: 7358

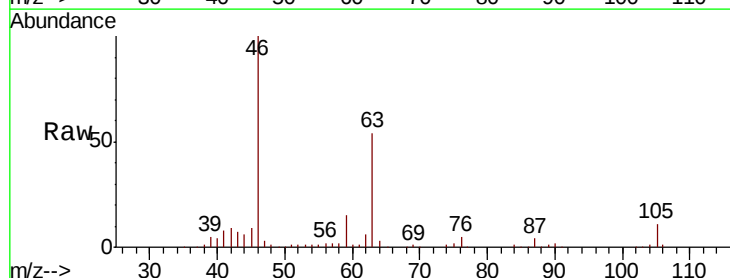
Ion Ratio Lower Upper

43 100

58 27.8 41.4 62.0#

57 27.1 15.0 22.4#

100 0.0 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

8.12

6000

5000

4000

3000

2000

1000

0

8.05 8.10 8.15 8.20

Time-->

