

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032319\
 Data File : VV009849.D
 Acq On : 23 Mar 2019 15:22
 Operator : SY/MD
 Sample : K2052-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 23 22:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 03:53:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112337	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56769	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	59640	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	117651	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.95	46	72448	46.11	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	4.40	84	62233	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.08	65	30664	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.09	84	129699	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	38944	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.36	98	114428	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.67	79	11863	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.13	63	62322	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27582	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	40272	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

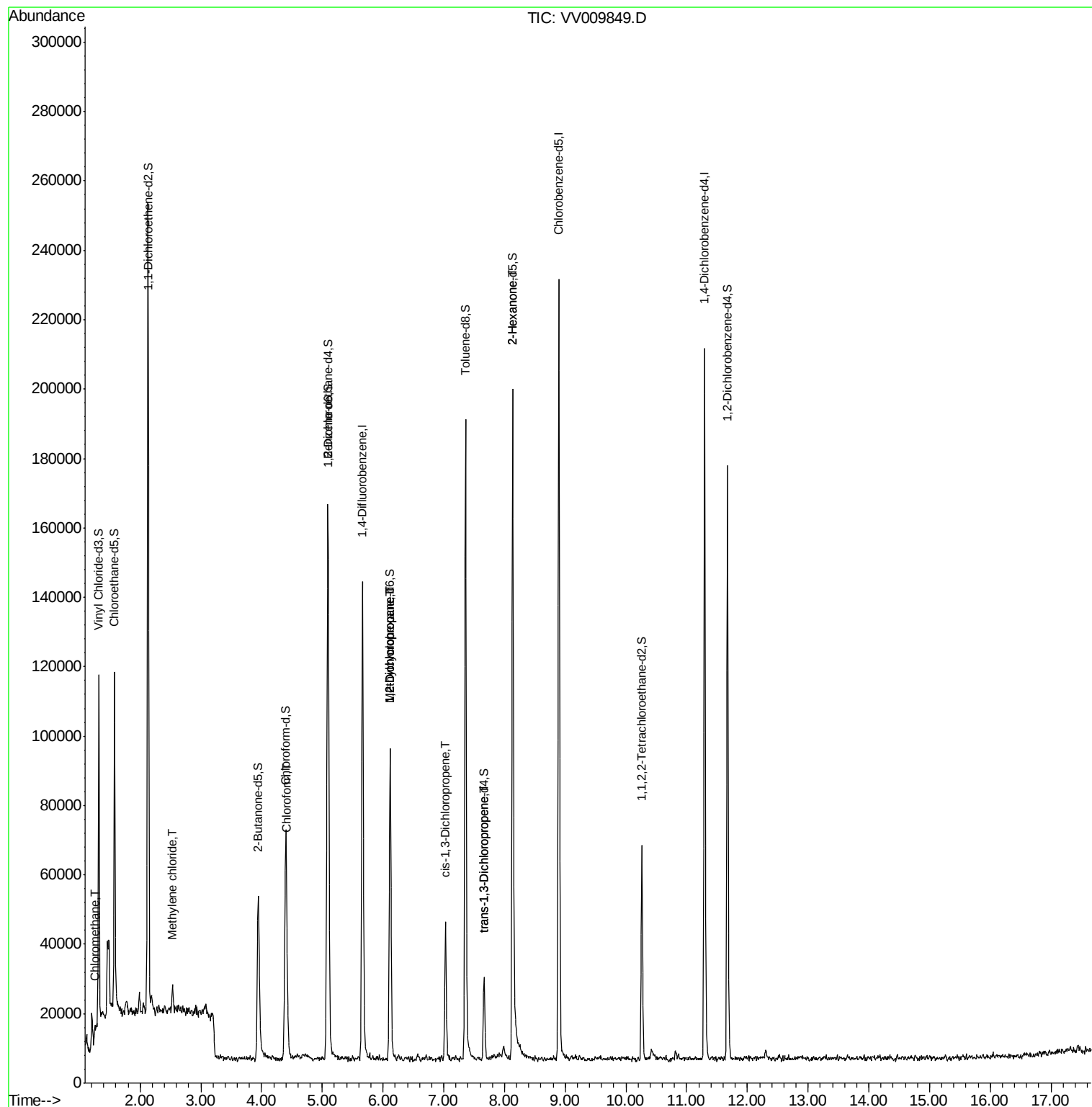
					Ovalue
3) Chloromethane	1.25	50	1578	0.107 ug/L	98
16) Methylene chloride	2.53	84	3370	0.199 ug/L	79
25) Chloroform	4.42	83	5822	0.428 ug/L	87
35) Methylcyclohexane	6.12	83	9583	0.701 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4493	0.569 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1406	0.132 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	859	0.101 ug/L #	57
48) 2-Hexanone	8.13	43	8645	2.663 ug/L #	67

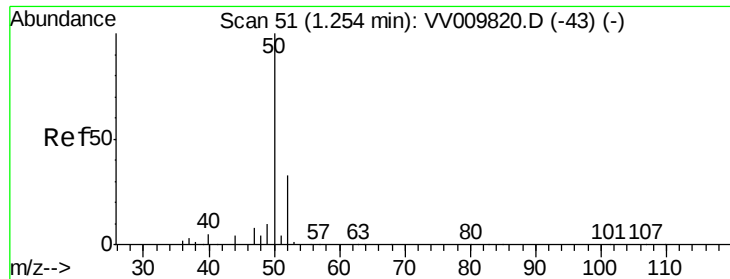
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009849.D

Acq: 23 Mar 2019 15:22

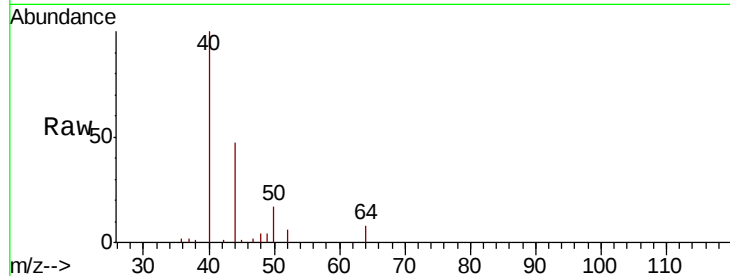
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1578

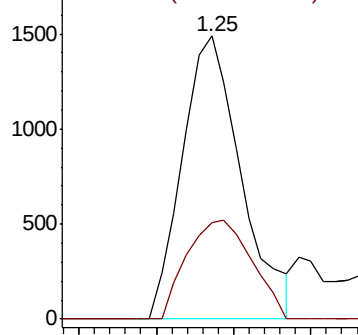
Ion Ratio Lower Upper

50 100

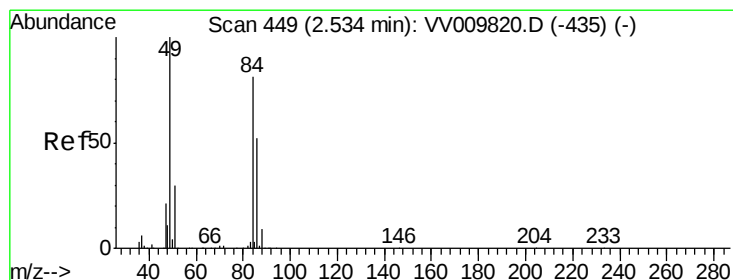
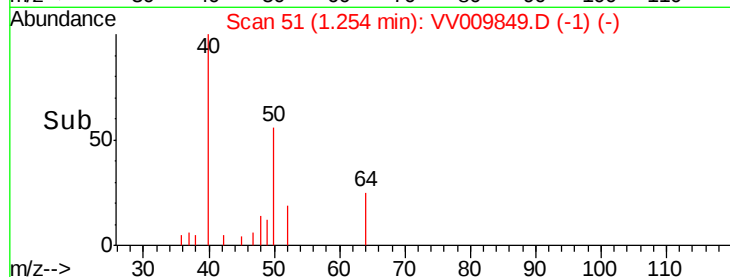
52 33.9 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



Time-->



#16

Methylene chloride

Concen: 0.199 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009849.D

Acq: 23 Mar 2019 15:22

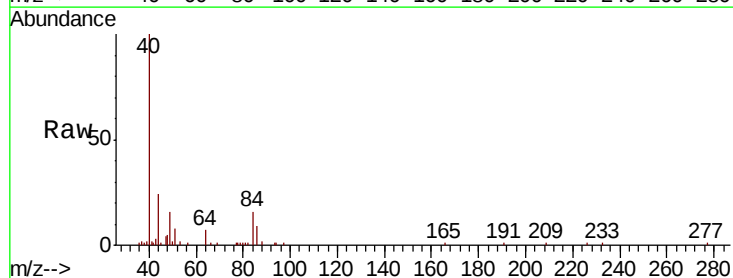
Tgt Ion: 84 Resp: 3370

Ion Ratio Lower Upper

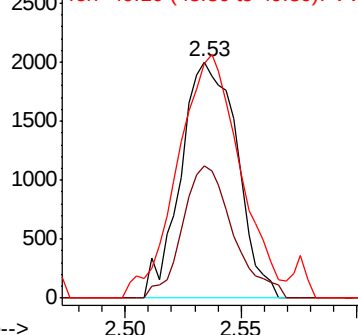
84 100

86 56.0 46.1 85.5

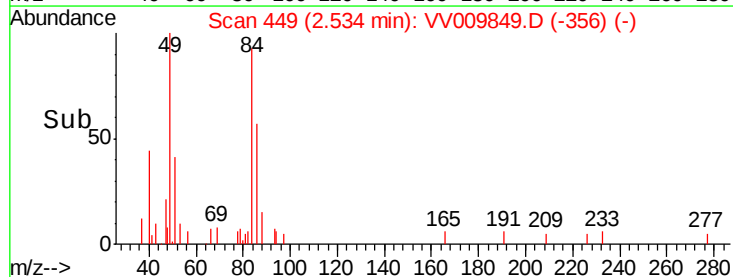
49 99.1 89.7 166.5

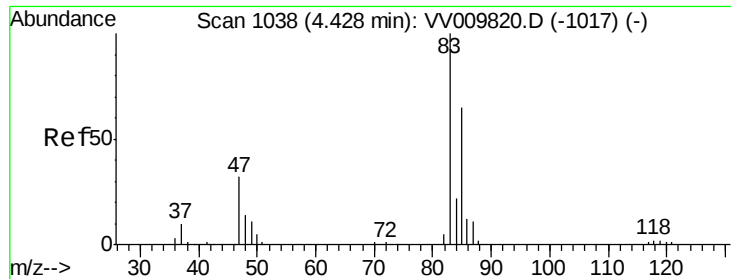


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0



Time-->

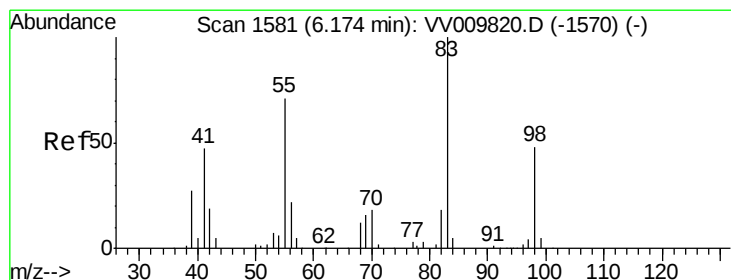
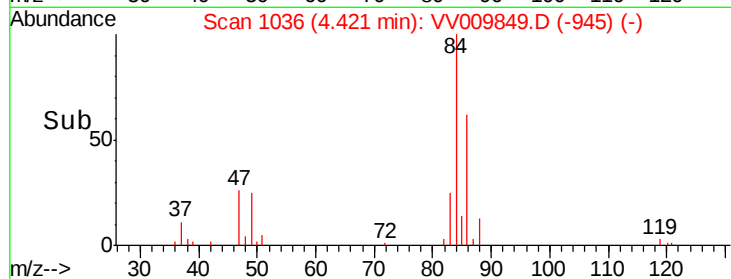
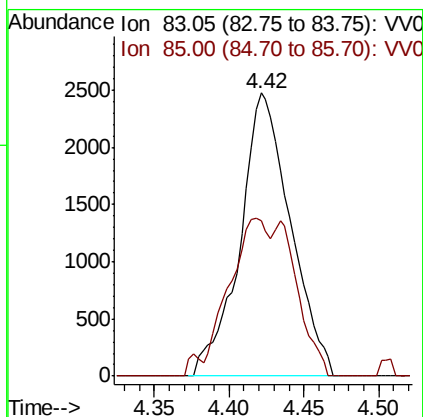
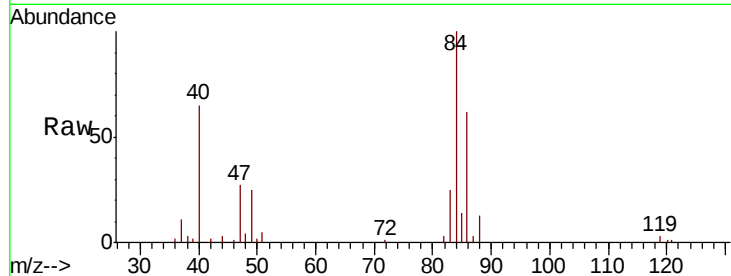




#25
Chloroform
Concen: 0.428 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009849.D
Acq: 23 Mar 2019 15:22

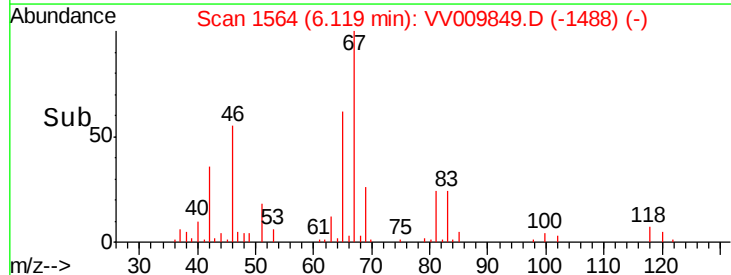
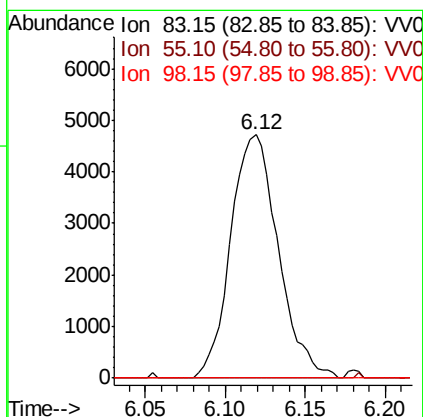
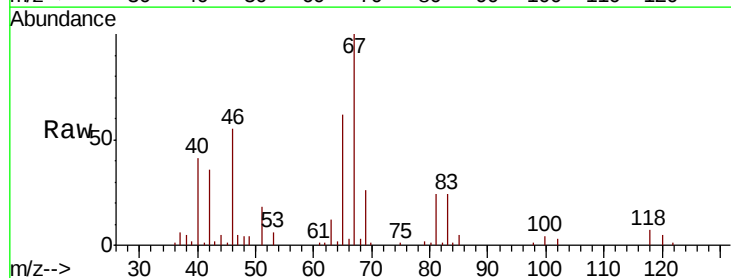
Instrument :
MSVOA_V
ClientSampled :

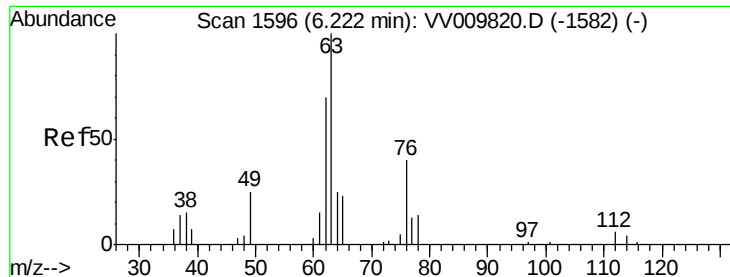
Tot Ion: 83 Resp: 5822
Ion Ratio Lower Upper
83 100
85 54.9 45.7 84.9



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009849.D
Acq: 23 Mar 2019 15:22

Tgt Ion: 83 Resp: 9583
Ion Ratio Lower Upper
83 100
55 0.2 57.4 86.2#
98 0.7 38.9 58.3#

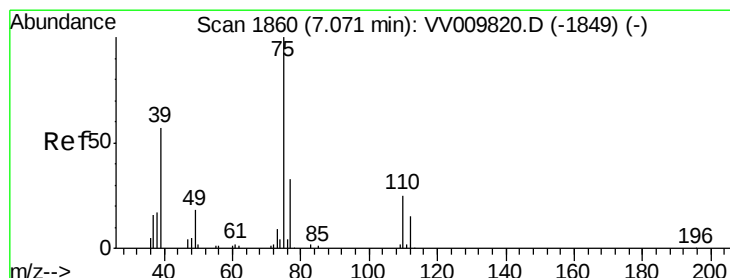
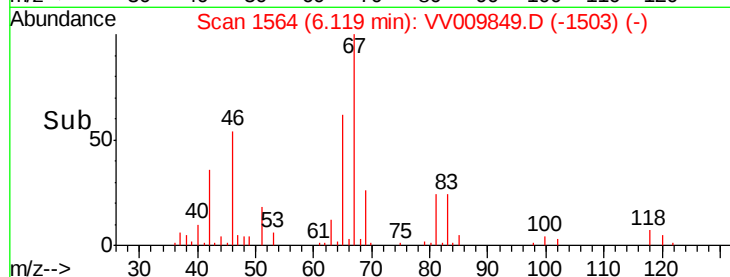
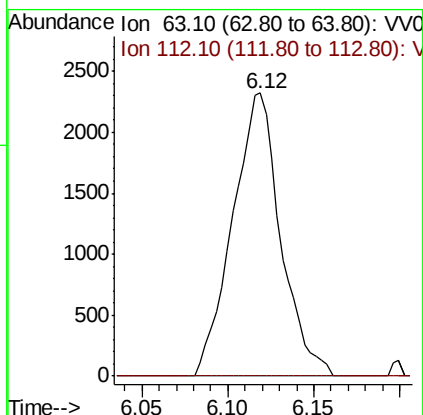
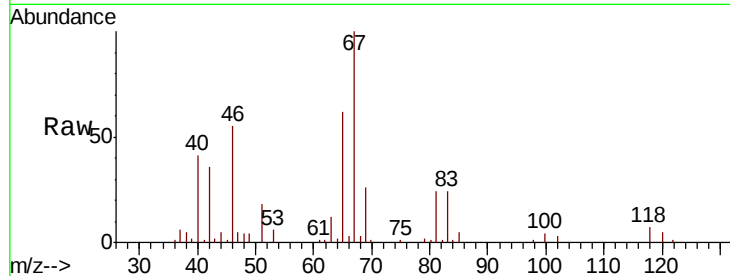




#37
 1,2-Dichloropropane
 Concen: 0.569 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009849.D
 Acq: 23 Mar 2019 15:22

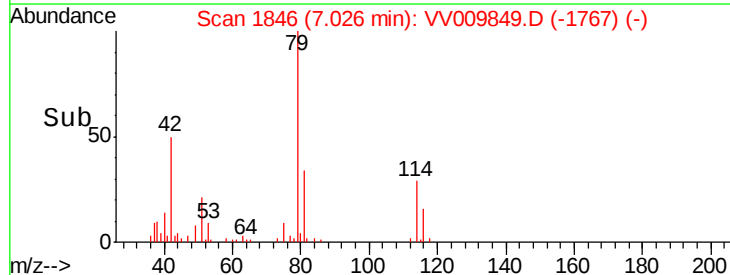
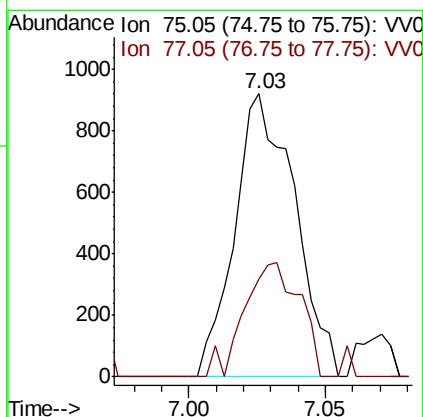
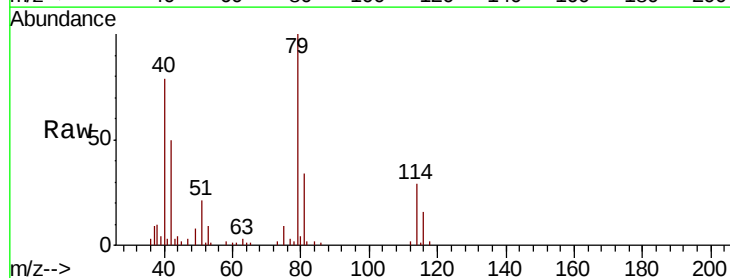
Instrument :
 MSVOA_V
 ClientSampleId :

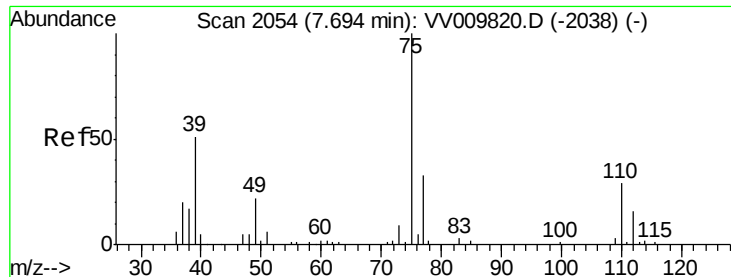
Tot Ion: 63 Resp: 4493
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009849.D
 Acq: 23 Mar 2019 15:22

Tgt Ion: 75 Resp: 1406
 Ion Ratio Lower Upper
 75 100
 77 34.3 24.1 44.8





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009849.D

Acq: 23 Mar 2019 15:22

Instrument :

MSVOA_V

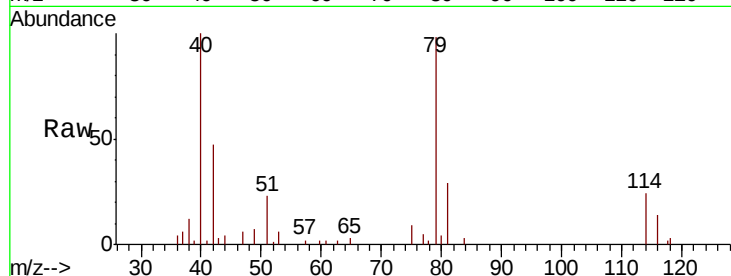
ClientSampleId :

Tot Ion: 75 Resp: 859

Ion Ratio Lower Upper

75 100

77 56.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

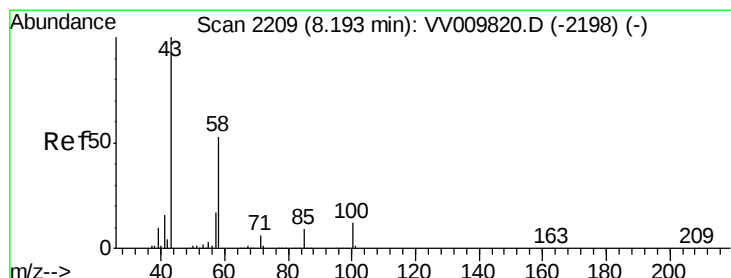
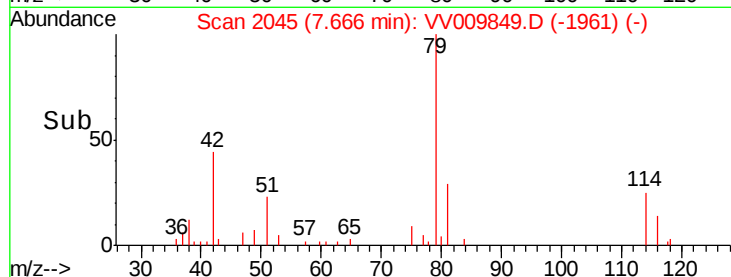
600

400

200

0

Time--> 7.62 7.64 7.66 7.68 7.70



#48

2-Hexanone

Concen: 2.663 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.06 min

Lab File: VV009849.D

Acq: 23 Mar 2019 15:22

Tgt Ion: 43 Resp: 8645

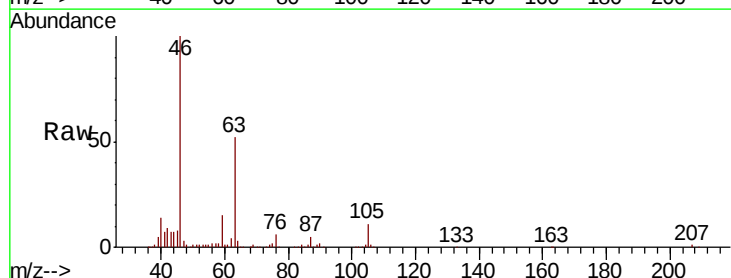
Ion Ratio Lower Upper

43 100

58 27.6 43.4 65.0#

57 28.2 15.0 22.4#

100 0.5 9.6 14.4#



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

8.13

6000

4000

2000

0

Time--> 8.10 8.15

