

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015636.D
 Acq On : 22 Apr 2020 21:10
 Operator : SY/MD
 Sample : L2366-23
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:11:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131260	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31282	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	31067	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	52240	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.93	46	112002	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.38	84	75061	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	45447	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	144722	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	46341	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	134305	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.64	79	14819	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.11	63	83976	47.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32874	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	51516	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

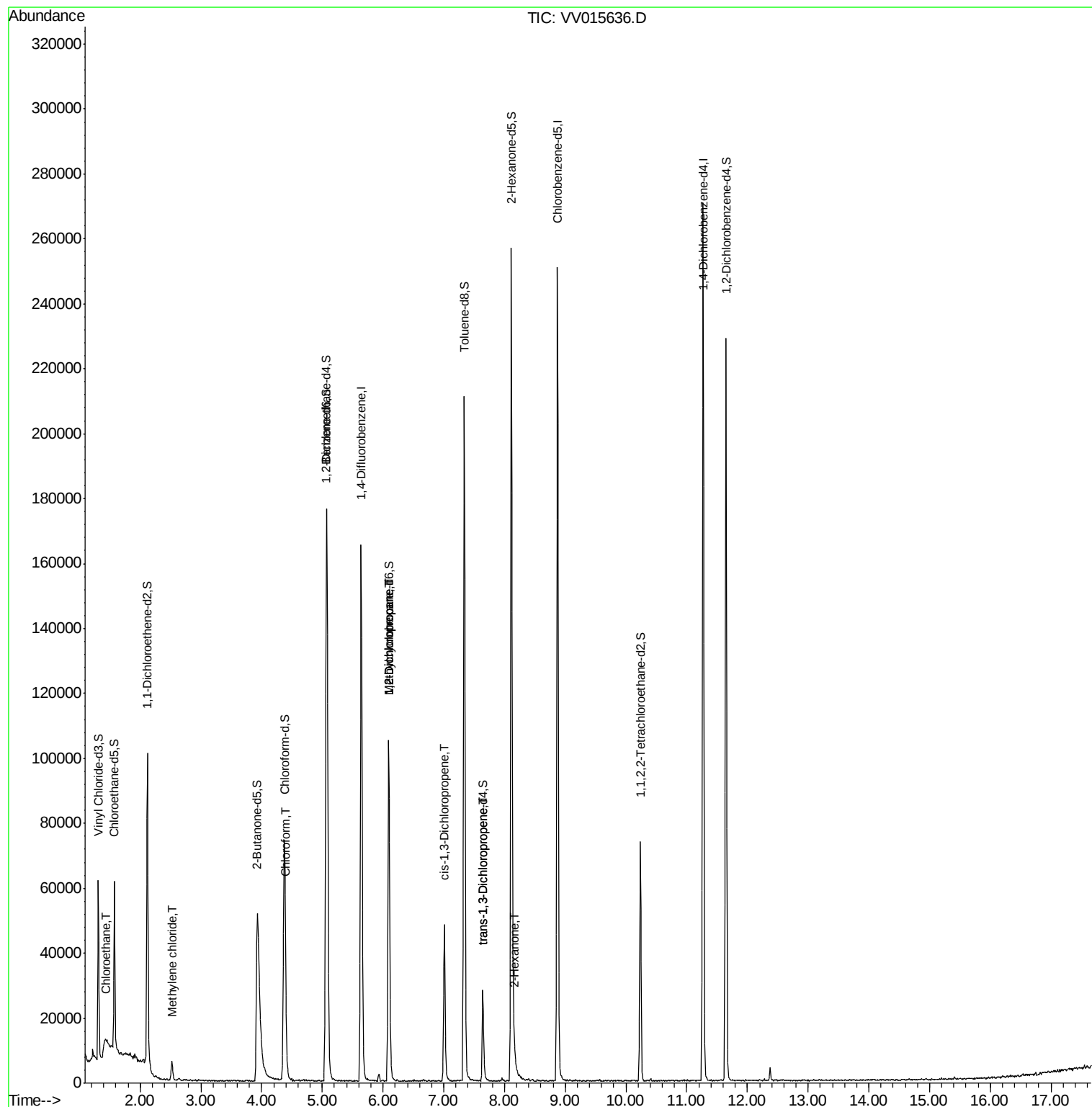
					Ovalue
8) Chloroethane	1.42	64	14716	2.157 ug/L #	56
16) Methylene chloride	2.52	84	2134	0.226 ug/L	93
25) Chloroform	4.40	83	2922	0.164 ug/L	94
35) Methylcyclohexane	6.10	83	11844	0.788 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6040	0.670 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1417	0.113 ug/L #	59
44) trans-1,3-Dichloropropene	7.64	75	767	0.073 ug/L	88
48) 2-Hexanone	8.17	43	2431	0.583 ug/L #	87

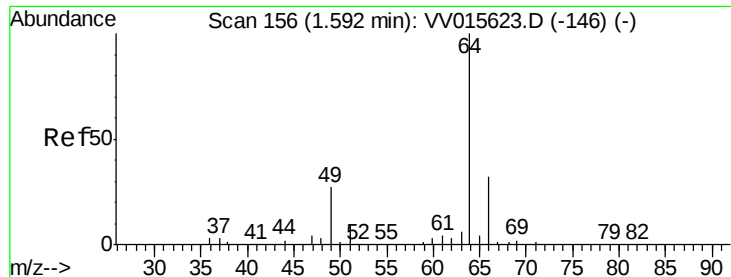
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 03:05:46 2020
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#8

Chloroethane

Concen: 2.157 ug/L

RT: 1.42 min Scan# 104

Delta R.T. -0.17 min

Lab File: VV015636.D

Acq: 22 Apr 2020 21:10

Instrument :

MSVOA_V

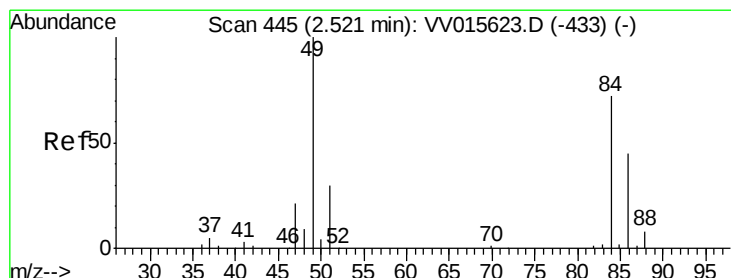
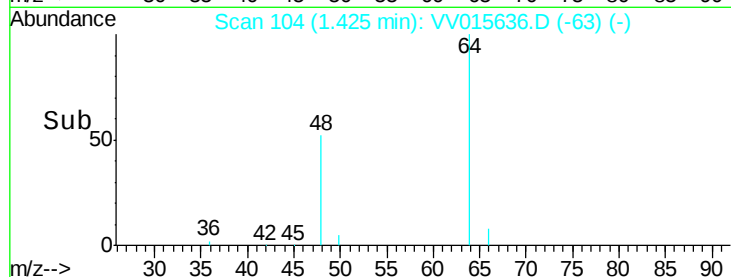
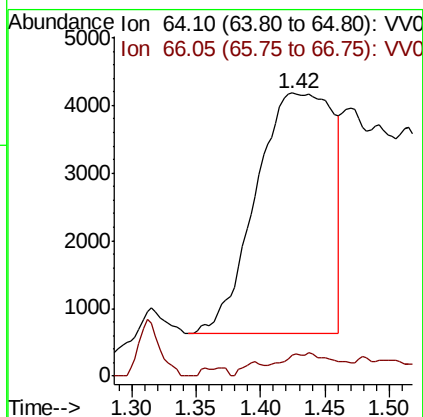
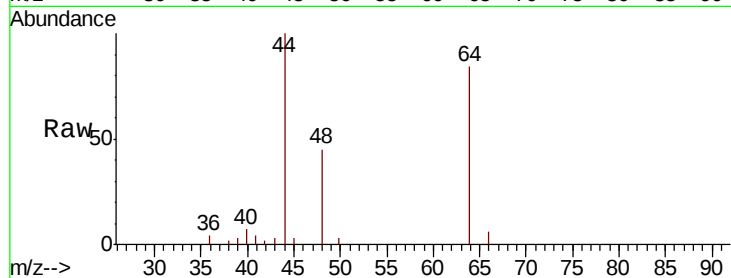
ClientSampleId :

Tot Ion: 64 Resp: 14716

Ion Ratio Lower Upper

64 100

66 7.5 22.3 41.5#



#16

Methylene chloride

Concen: 0.226 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015636.D

Acq: 22 Apr 2020 21:10

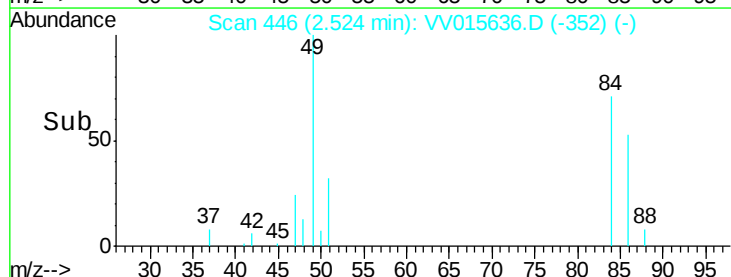
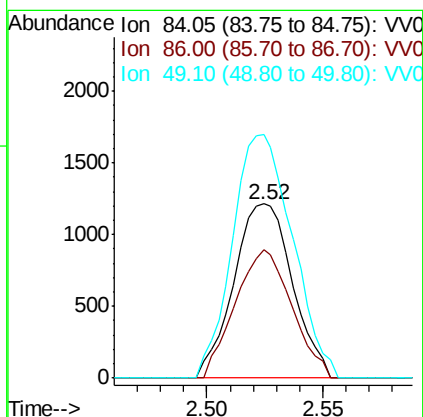
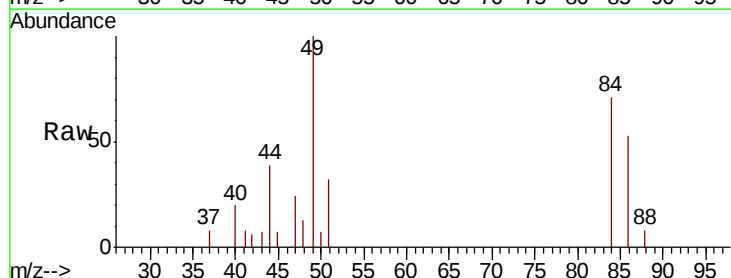
Tgt Ion: 84 Resp: 2134

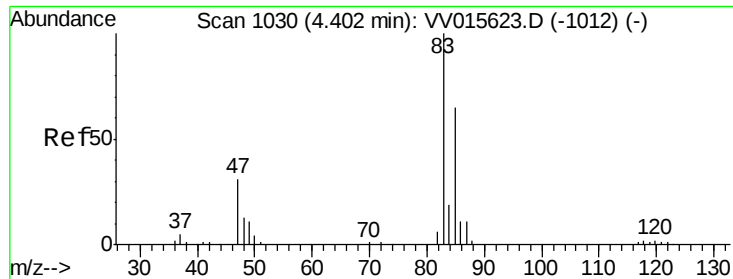
Ion Ratio Lower Upper

84 100

86 73.7 45.1 83.7

49 139.9 94.4 175.4

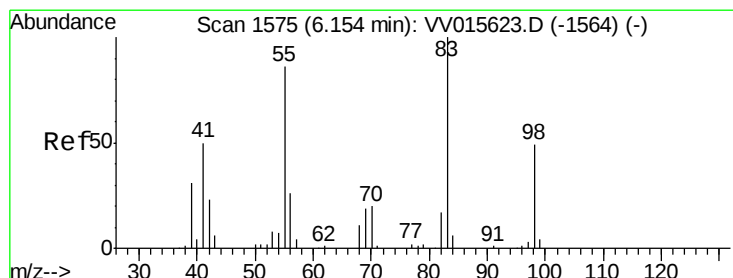
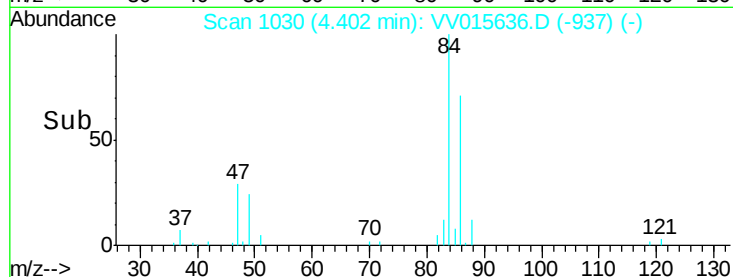
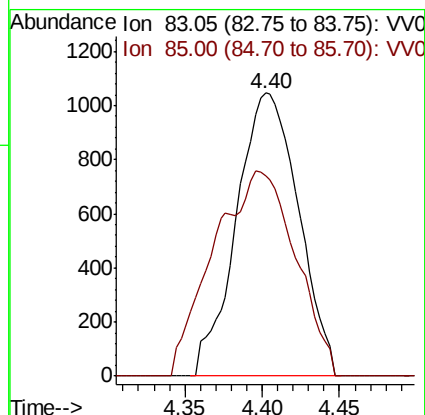
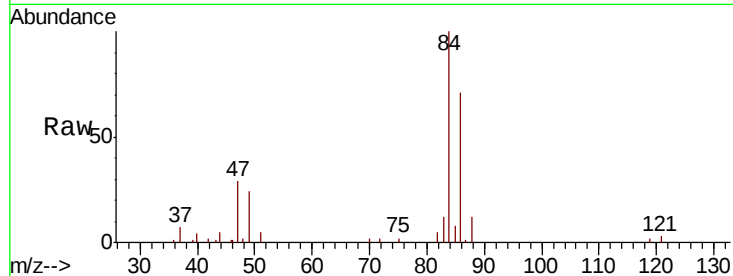




#25
Chloroform
Concen: 0.164 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015636.D
Acq: 22 Apr 2020 21:10

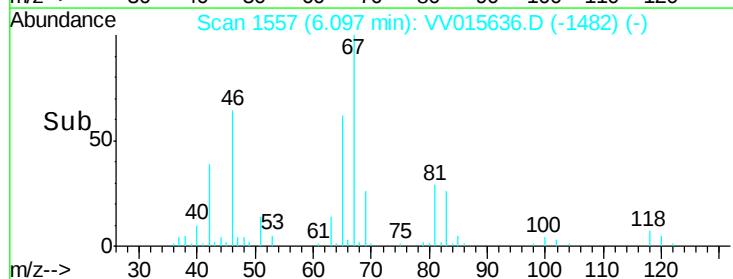
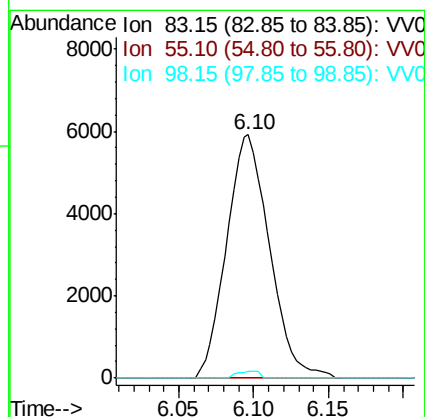
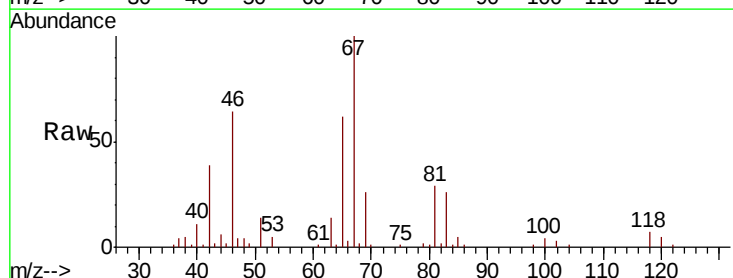
Instrument :
MSVOA_V
ClientSampleId :

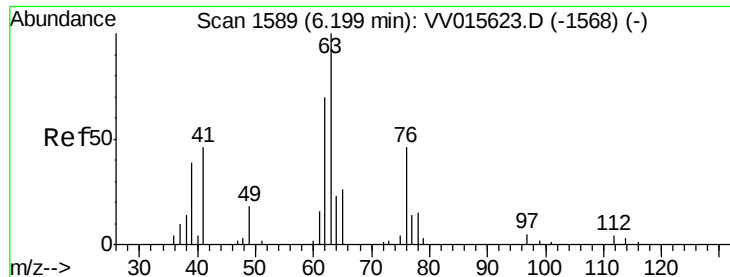
Tot Ion: 83 Resp: 2922
Ion Ratio Lower Upper
83 100
85 70.7 46.1 85.5



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015636.D
Acq: 22 Apr 2020 21:10

Tgt Ion: 83 Resp: 11844
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.4 39.5 59.3#

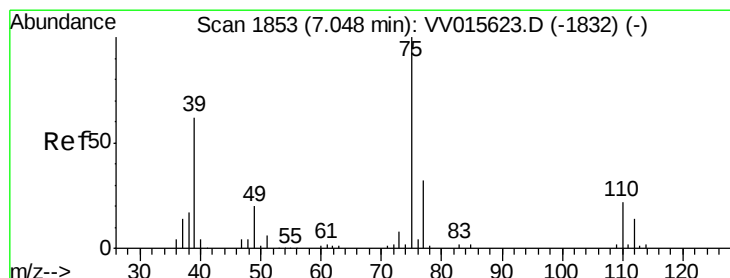
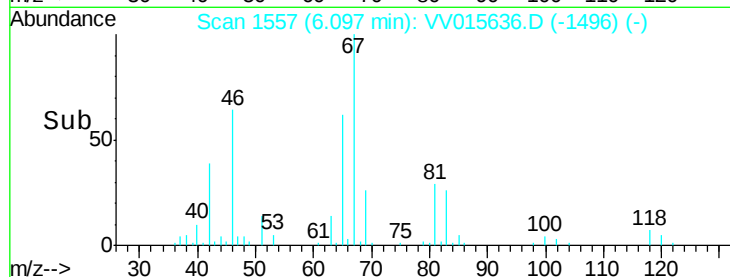
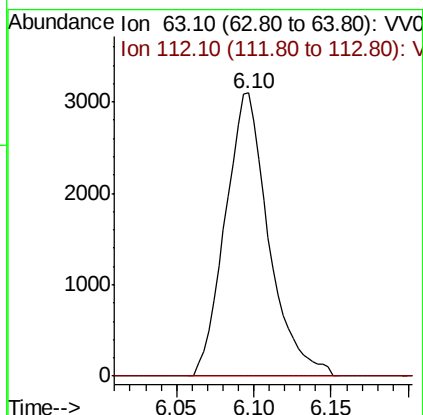
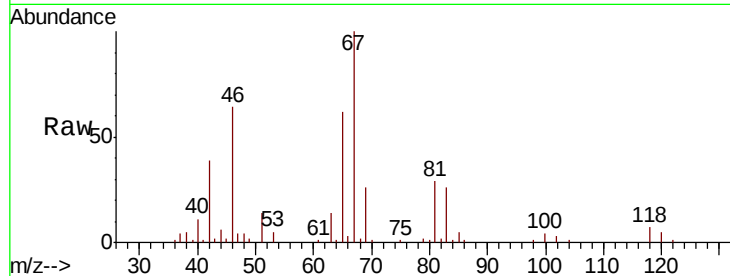




#37
 1,2-Dichloropropane
 Concen: 0.670 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015636.D
 Acq: 22 Apr 2020 21:10

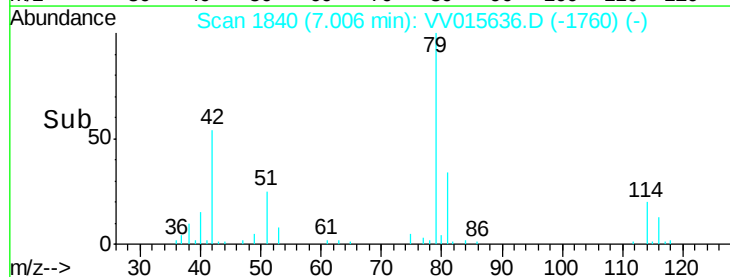
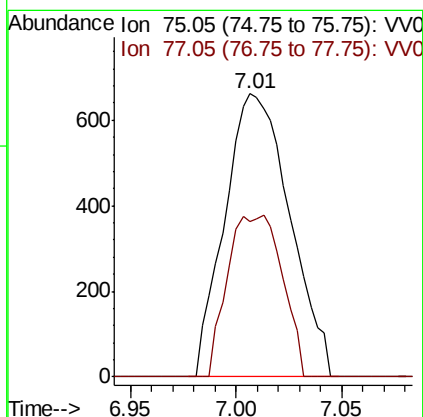
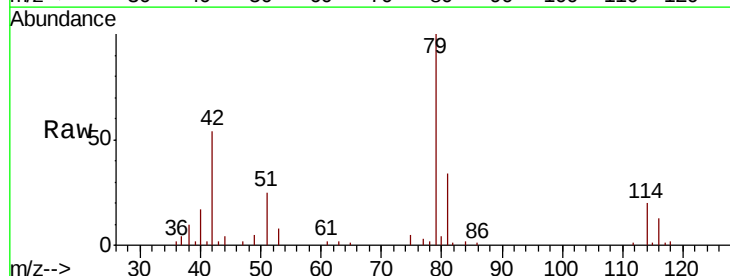
Instrument :
 MSVOA_V
 ClientSampleId :

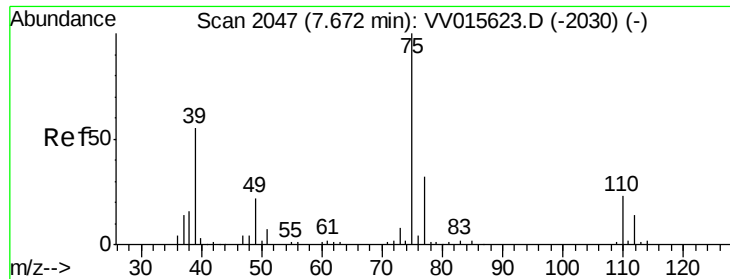
Tot Ion: 63 Resp: 6040
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015636.D
 Acq: 22 Apr 2020 21:10

Tgt Ion: 75 Resp: 1417
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.3 41.5#

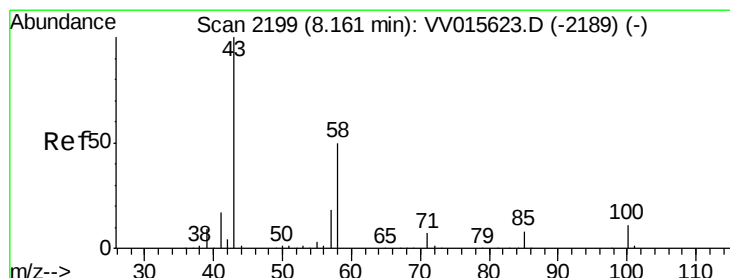
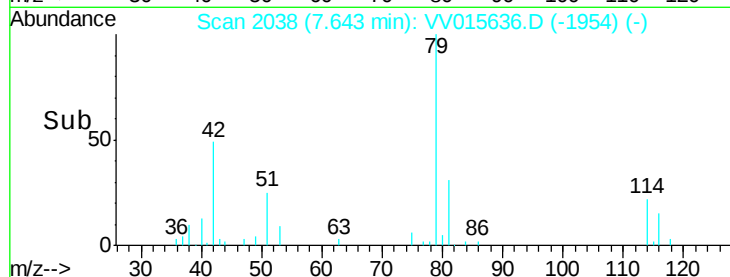
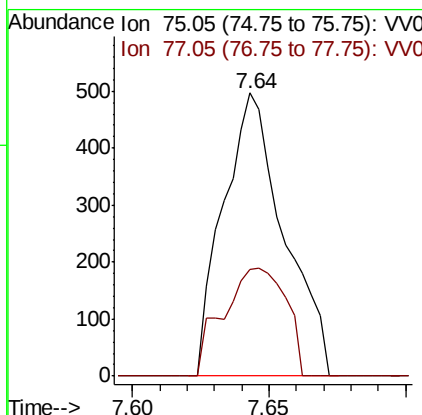
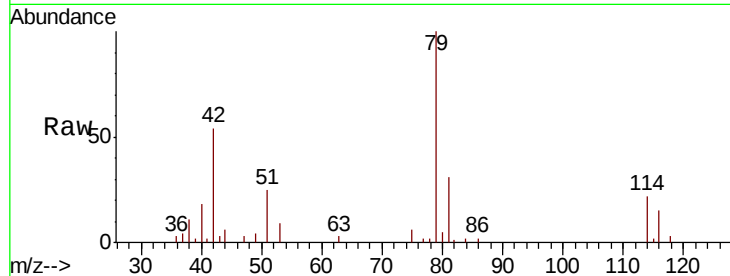




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015636.D
Acq: 22 Apr 2020 21:10

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
77 37.8 21.8 40.6



#48
2-Hexanone
Concen: 0.583 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015636.D
Acq: 22 Apr 2020 21:10

Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 52.3 41.1 61.7
57 0.0 15.0 22.4#
100 4.0 9.0 13.4#

