

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016006.D
 Acq On : 12 May 2020 11:28
 Operator : SY/MD
 Sample : VV0512WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:57:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136712	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136980	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28921	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	30467	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.12	63	50378	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	113857	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	4.38	84	74884	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	47483	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.08	84	151603	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.10	67	49617	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	133907	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
45) trans-1,3-Dichloropropene-	7.65	79	17226	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	83322	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35045	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52607	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

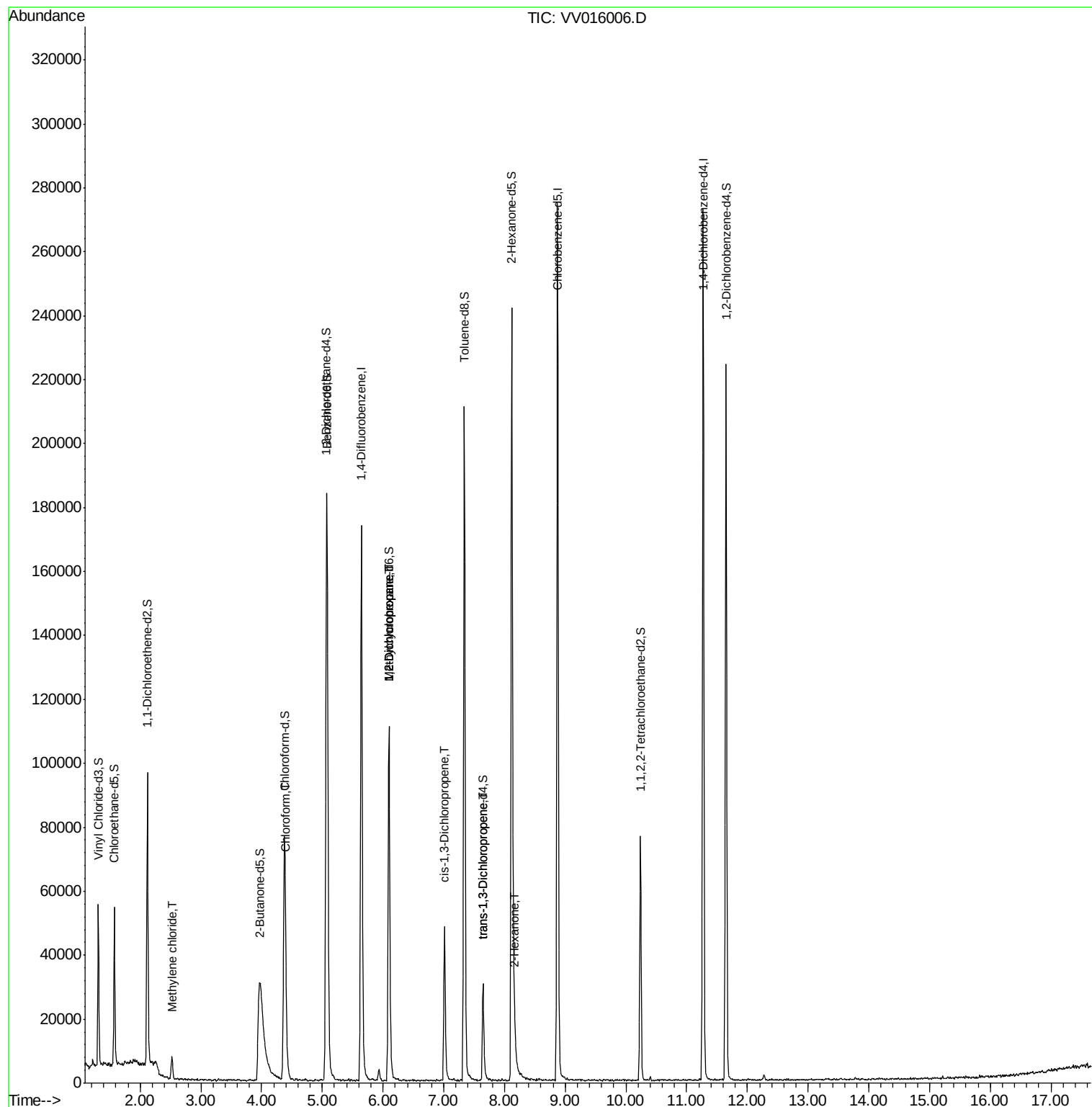
					Ovalue
16) Methylene chloride	2.52	84	2444	0.271 ug/L	79
25) Chloroform	4.40	83	8101	0.459 ug/L	92
35) Methylcyclohexane	6.10	83	12444	0.836 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6321	0.722 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1473	0.119 ug/L #	77
46) trans-1,3-Dichloropropene	7.64	75	926	0.089 ug/L	95
50) 2-Hexanone	8.18	43	5283	1.369 ug/L #	41

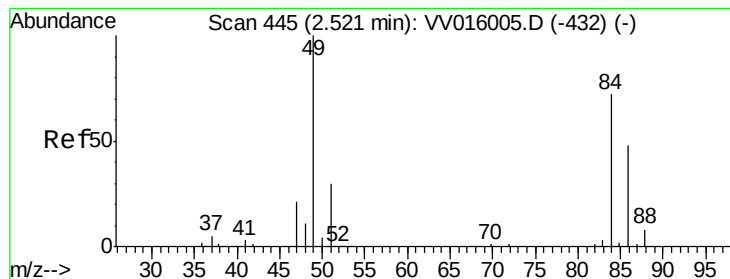
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.271 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV016006.D

Acq: 12 May 2020 11:28

Instrument :

MSVOA_V

ClientSampled :

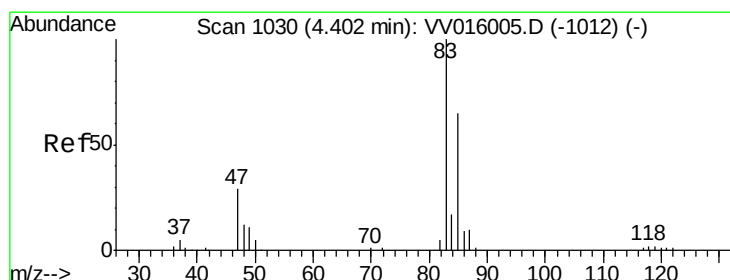
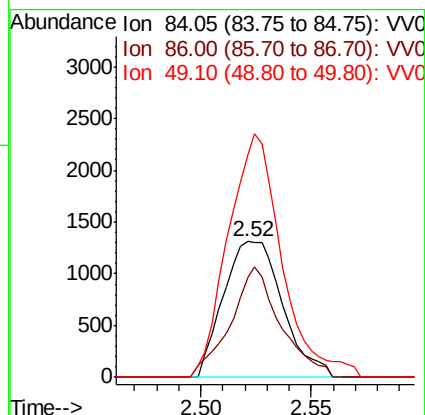
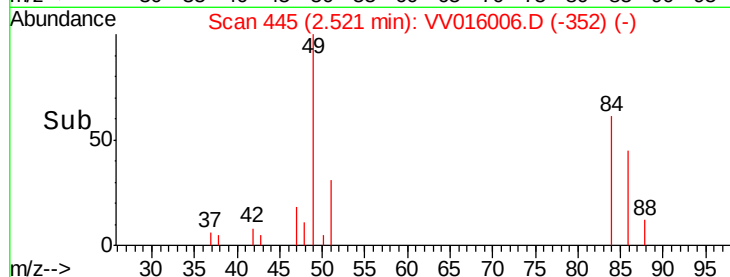
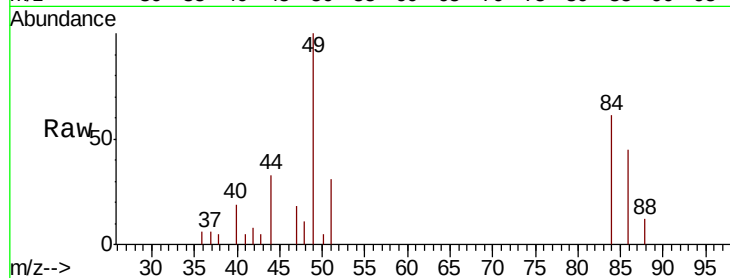
Tot Ion: 84 Resp: 2444

Ion Ratio Lower Upper

84 100

86 74.2 45.6 84.8

49 164.6 93.6 173.8



#25

Chloroform

Concen: 0.459 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV016006.D

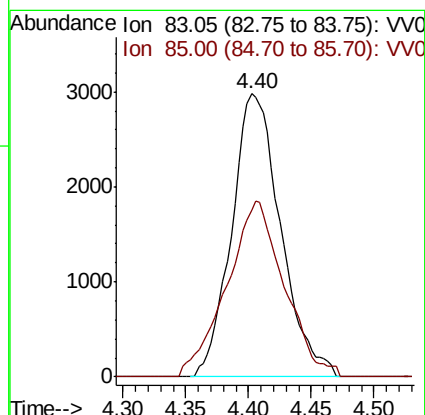
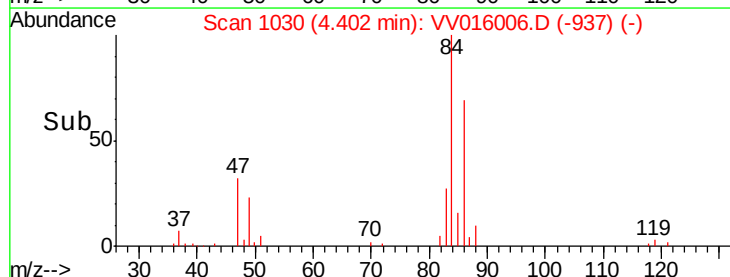
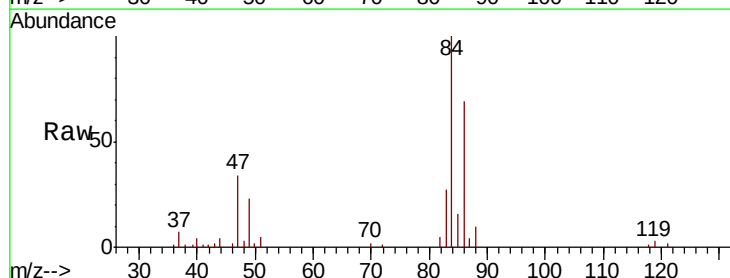
Acq: 12 May 2020 11:28

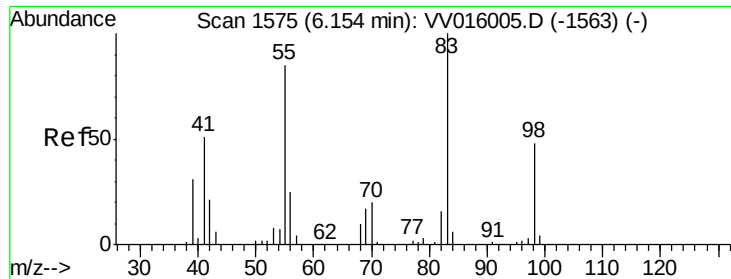
Tgt Ion: 83 Resp: 8101

Ion Ratio Lower Upper

83 100

85 59.0 45.7 84.9

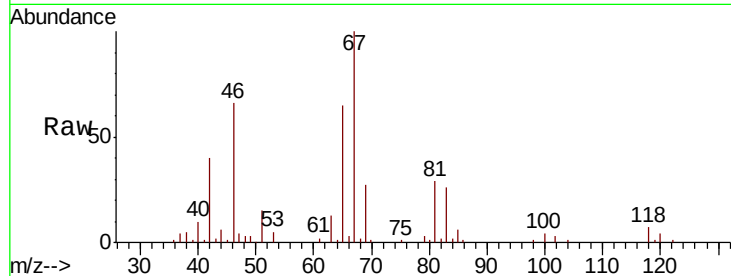




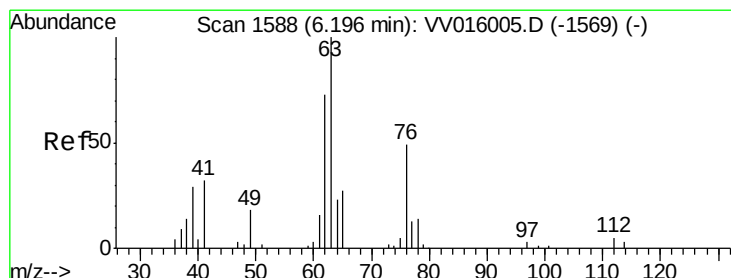
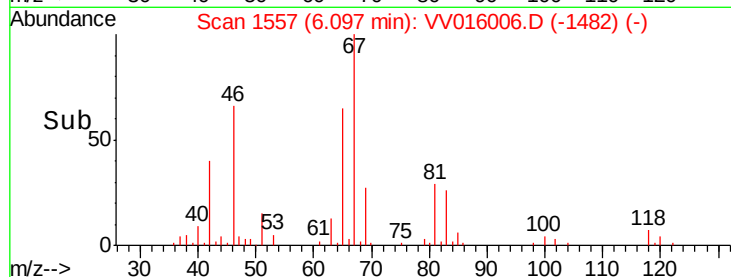
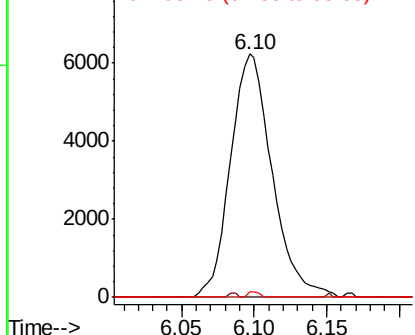
#35
Methylvlcyclohexane
Concen: 0.836 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016006.D
Acq: 12 May 2020 11:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12444
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 0.6 37.9 56.9#

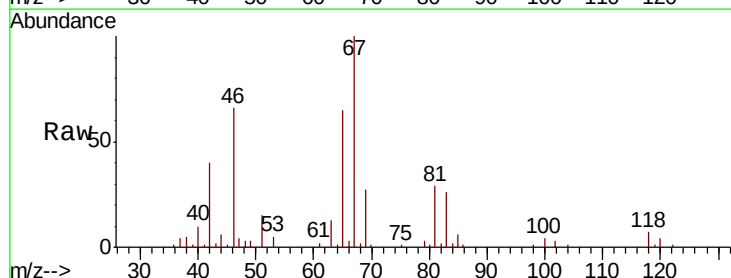


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

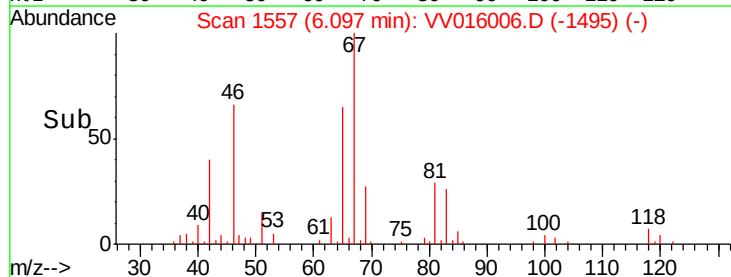
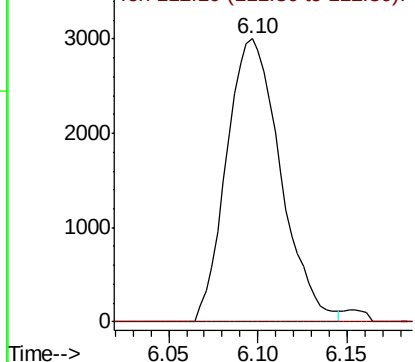


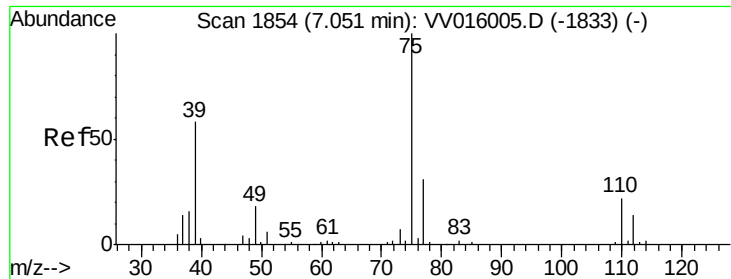
#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016006.D
Acq: 12 May 2020 11:28

Tgt Ion: 63 Resp: 6321
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

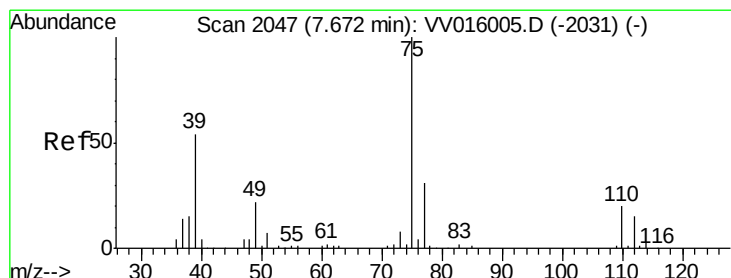
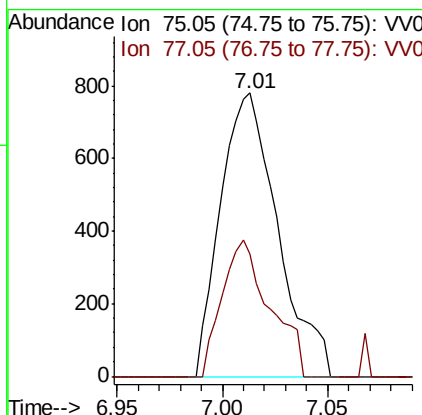
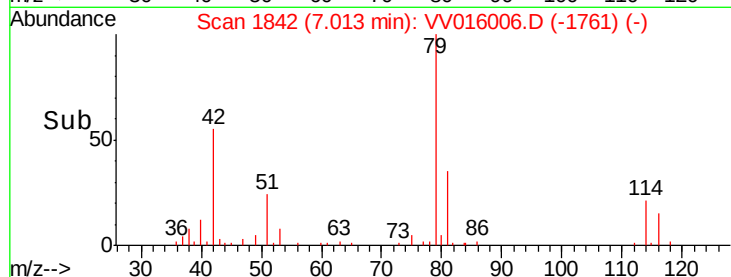
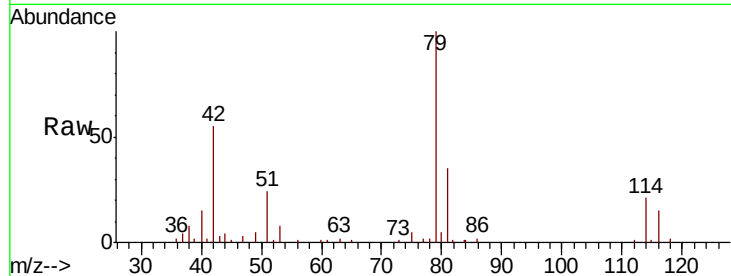




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016006.D
 Acq: 12 May 2020 11:28

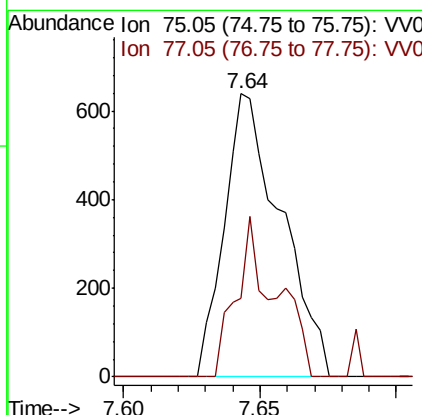
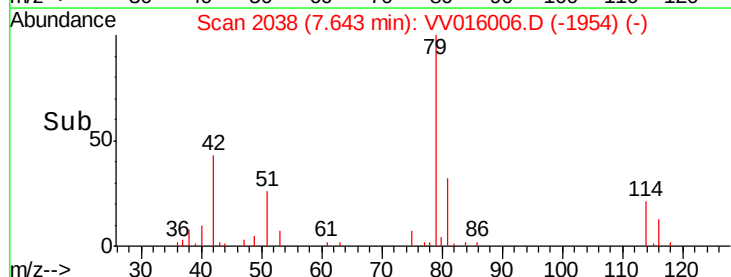
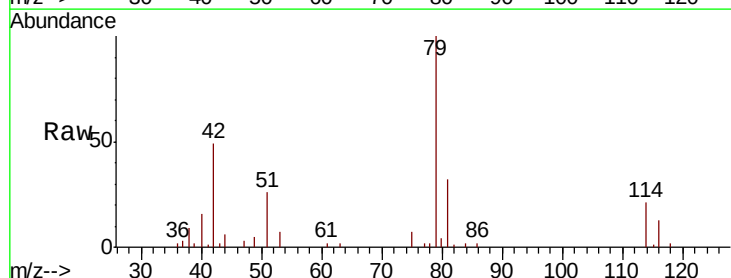
Instrument :
 MSVOA_V
 ClientSampleId :

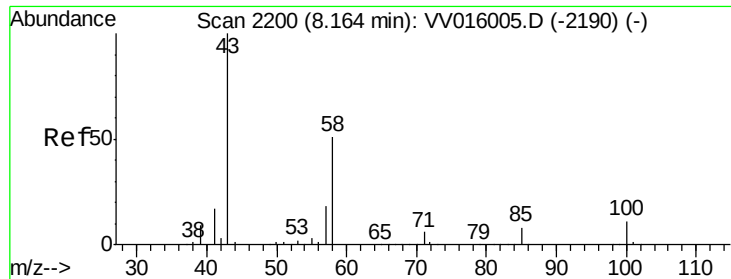
Tot Ion: 75 Resp: 1473
 Ion Ratio Lower Upper
 75 100
 77 43.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016006.D
 Acq: 12 May 2020 11:28

Tgt Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 77 27.7 21.3 39.6

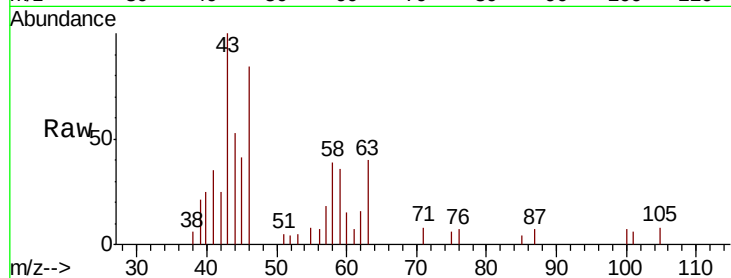




#50
 2-Hexanone
 Concen: 1.369 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. 0.01 min
 Lab File: VV016006.D
 Acq: 12 May 2020 11:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	0.0	14.7	22.1#
100	2.6	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

