

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015601.D
 Acq On : 21 Apr 2020 15:29
 Operator : SY/MD
 Sample : L2366-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133084	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125238	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32691	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	31960	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	50438	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.91	46	99683	51.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.38	84	72552	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	41719	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	139456	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.09	67	44910	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	129799	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.64	79	14605	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.11	63	78543	43.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30918	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	48013	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

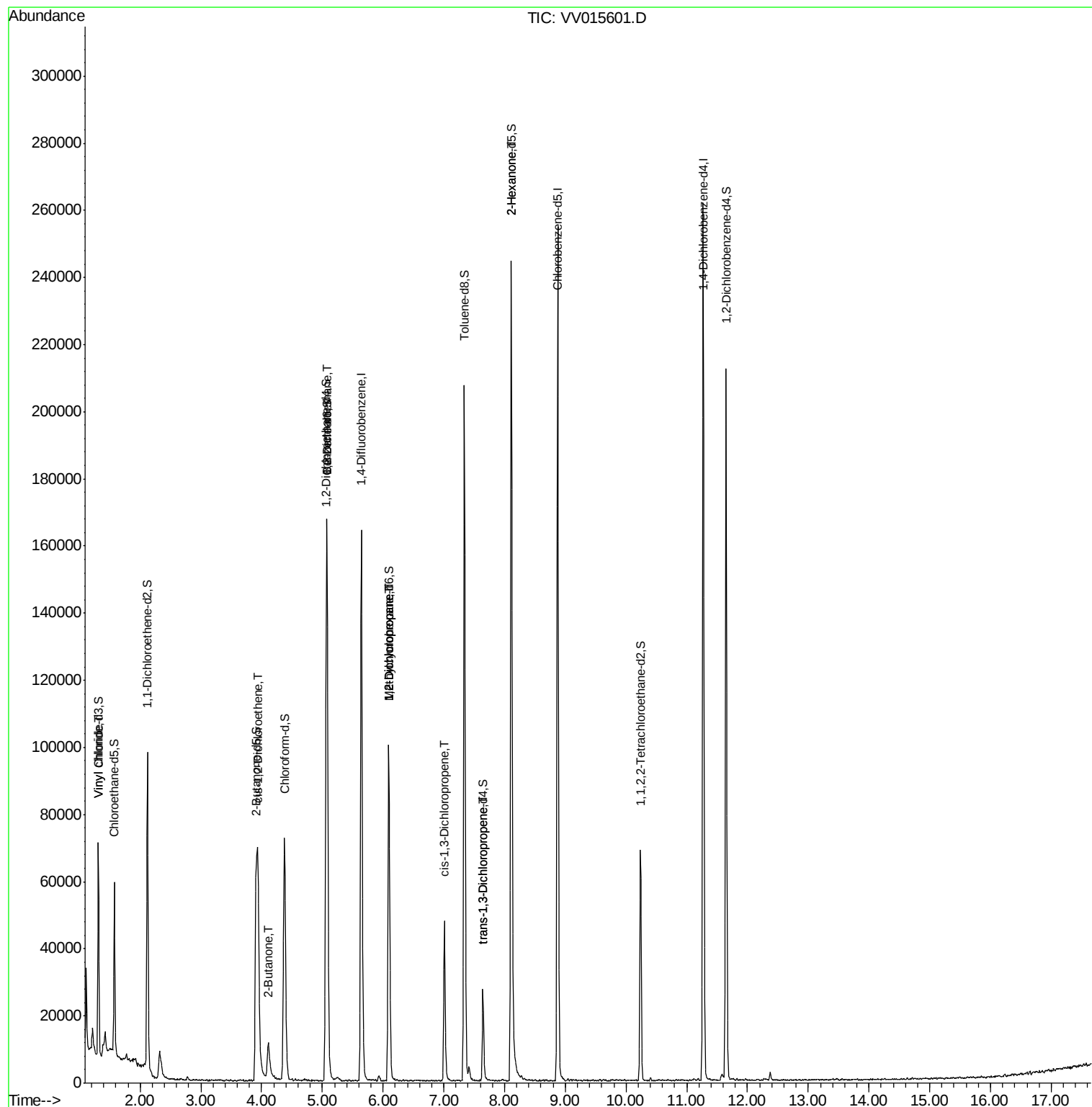
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4640	0.384	ug/L #	81
21) 2-Butanone	4.11	43	19128	8.641	ug/L #	69
22) cis-1,2-Dichloroethene	3.94	96	23394	2.393	ug/L	98
27) 1,2-Dichloroethane	5.08	62	991	0.084	ug/L #	77
35) Methylcyclohexane	6.10	83	11008	0.648	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5711	0.614	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1371	0.096	ug/L	84
44) trans-1,3-Dichloropropene	7.64	75	682	0.057	ug/L #	54
48) 2-Hexanone	8.11	43	10846	2.543	ug/L #	76

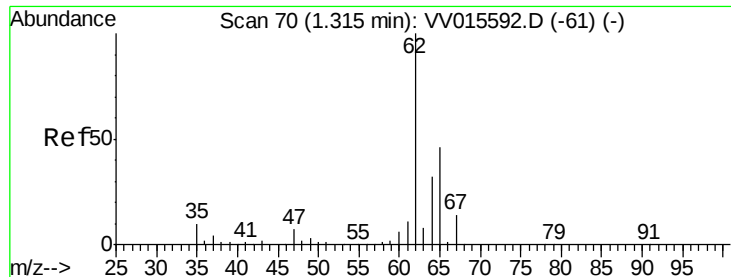
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.384 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015601.D

Acq: 21 Apr 2020 15:29

Instrument :

MSVOA_V

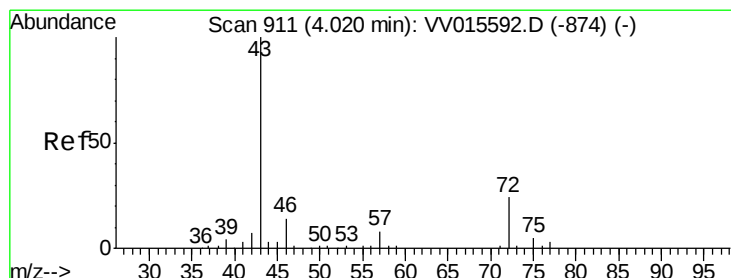
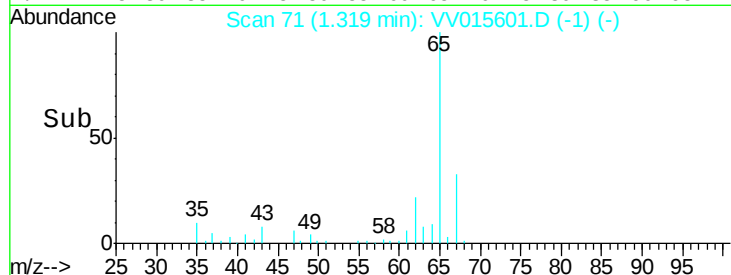
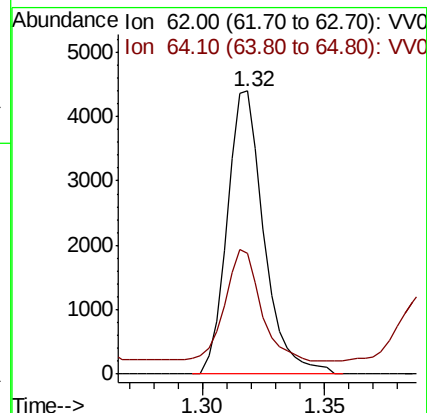
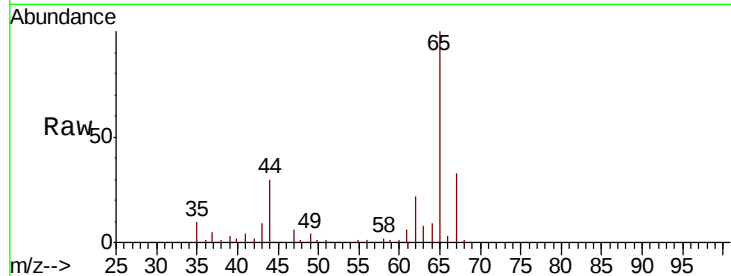
ClientSampleId :

Tot Ion: 62 Resp: 4640

Ion Ratio Lower Upper

62 100

64 42.7 22.5 41.7#



#21

2-Butanone

Concen: 8.641 ug/L

RT: 4.11 min Scan# 939

Delta R.T. 0.09 min

Lab File: VV015601.D

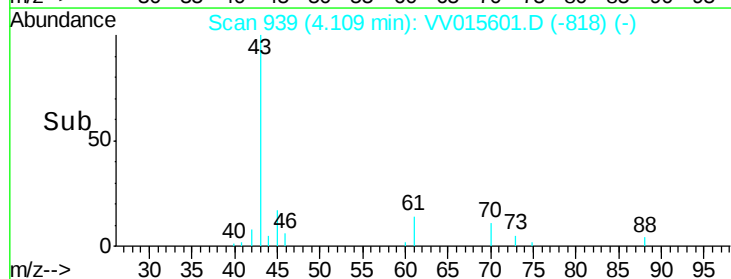
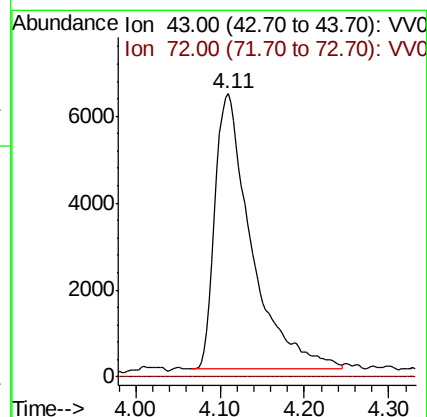
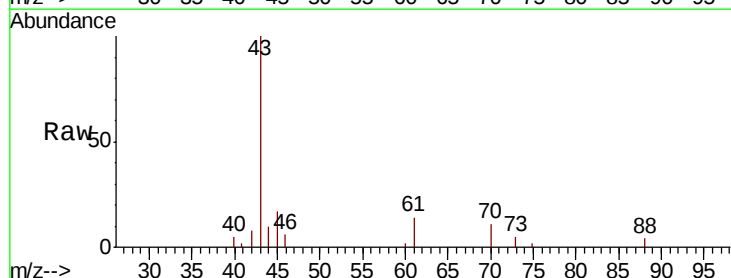
Acq: 21 Apr 2020 15:29

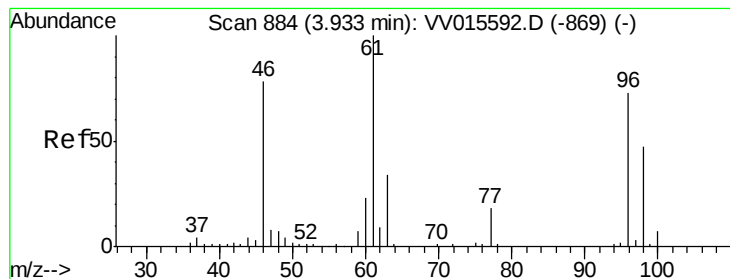
Tgt Ion: 43 Resp: 19128

Ion Ratio Lower Upper

43 100

72 0.0 5.9 17.8#



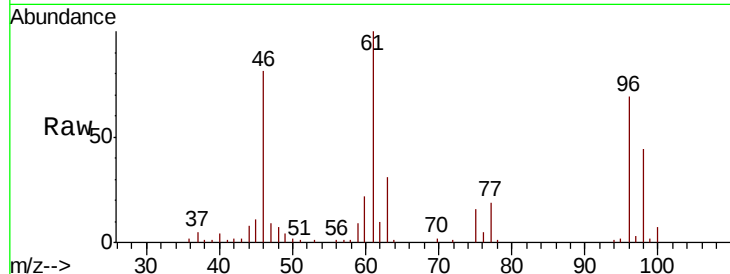


#22

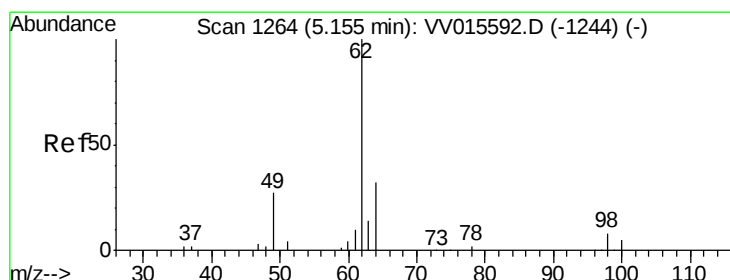
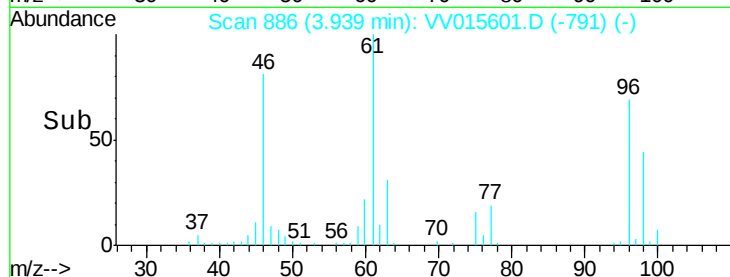
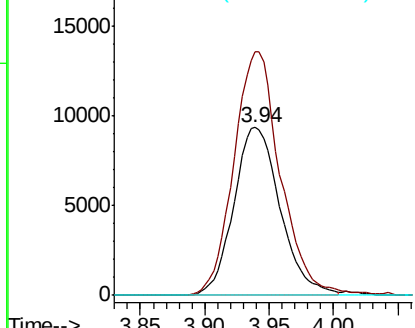
cis-1,2-Dichloroethene
 Concen: 2.393 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015601.D
 Acq: 21 Apr 2020 15:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 23394
 Ion Ratio Lower Upper
 96 100
 61 144.9 100.0 185.8
 68 0.0 0.0 0.0



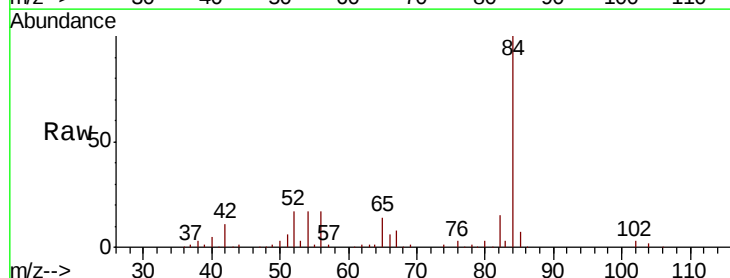
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



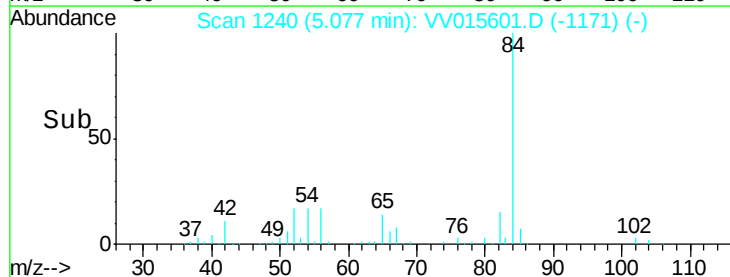
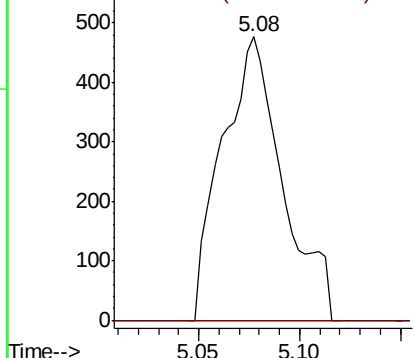
#27

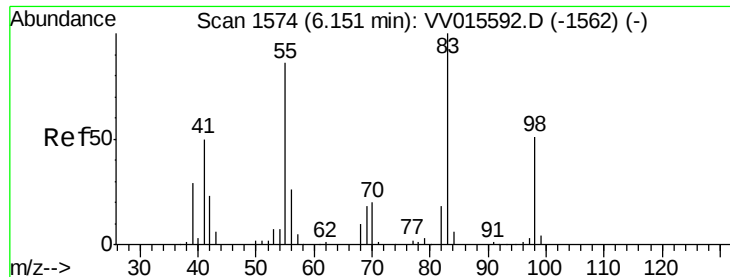
1,2-Dichloroethane
 Concen: 0.084 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015601.D
 Acq: 21 Apr 2020 15:29

Tgt Ion: 62 Resp: 991
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

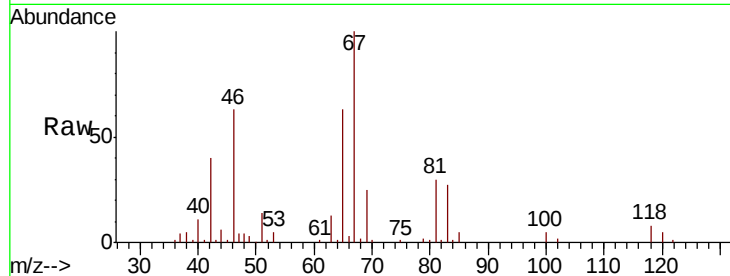




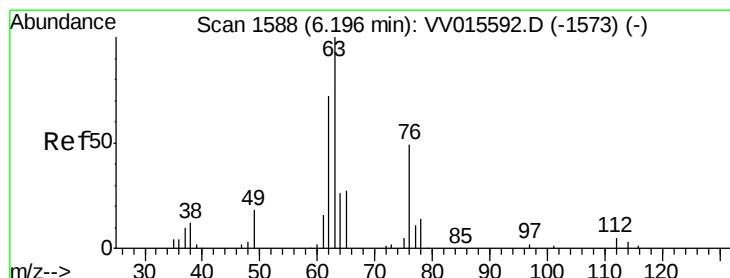
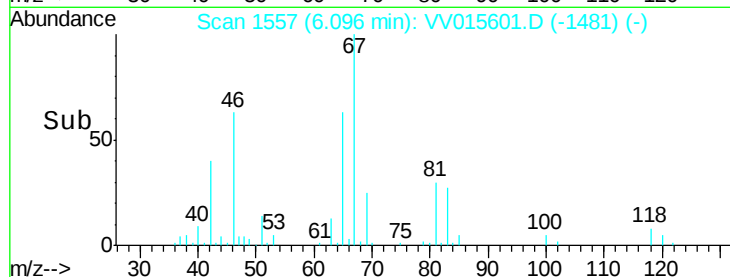
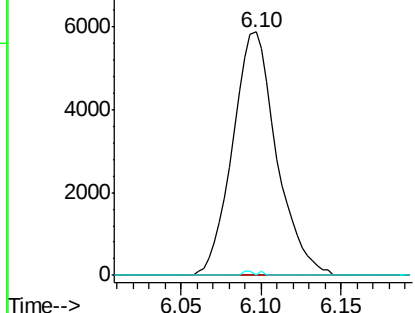
#35
Methvlcvclohexane
Concen: 0.648 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015601.D
Acq: 21 Apr 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11008
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.6 38.7 58.1#

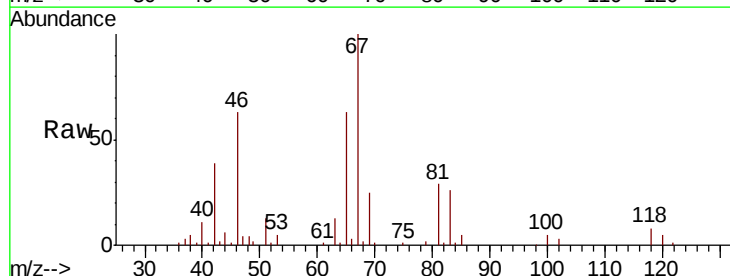


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

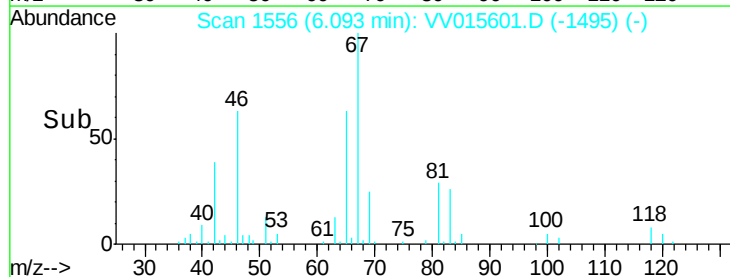
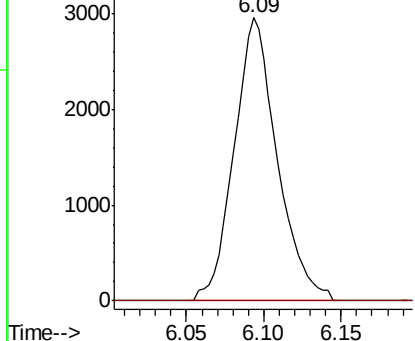


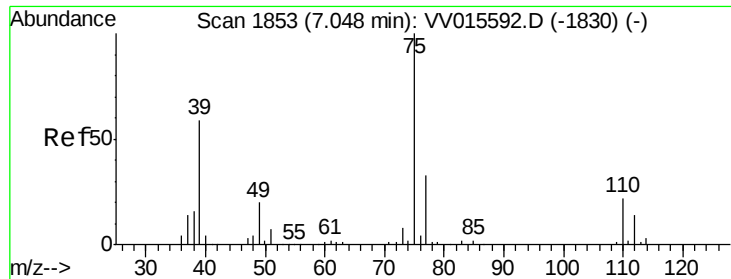
#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015601.D
Acq: 21 Apr 2020 15:29

Tgt Ion: 63 Resp: 5711
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

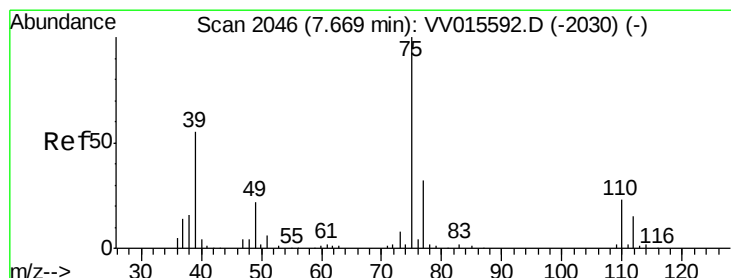
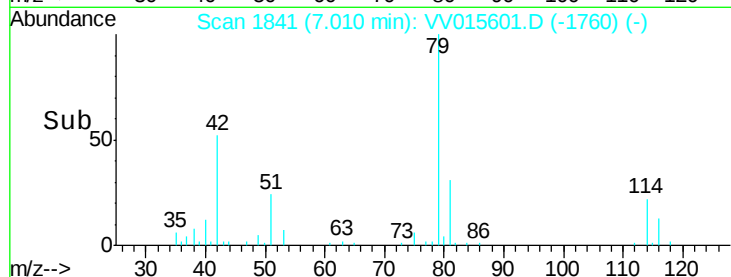
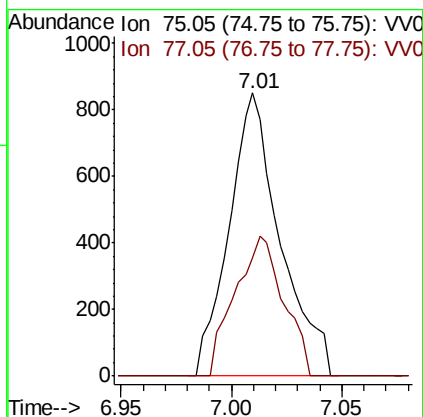
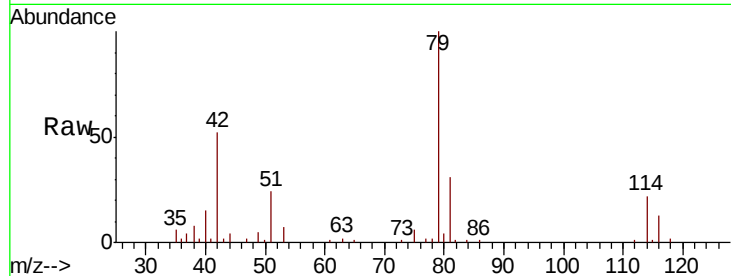




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015601.D
 Acq: 21 Apr 2020 15:29

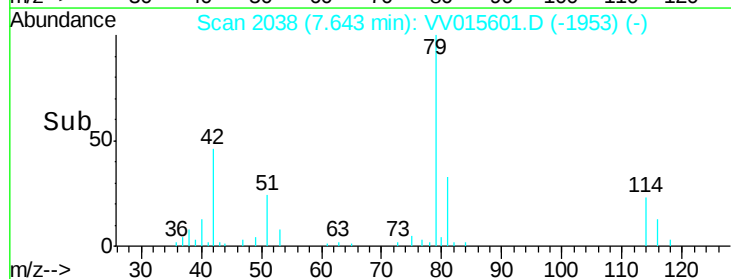
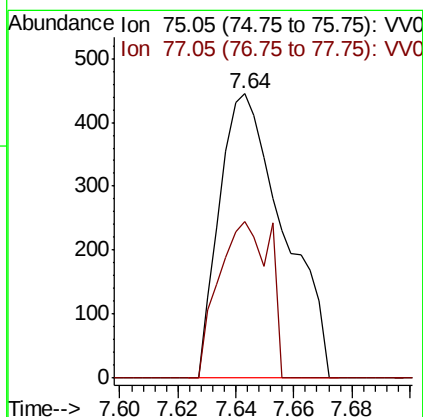
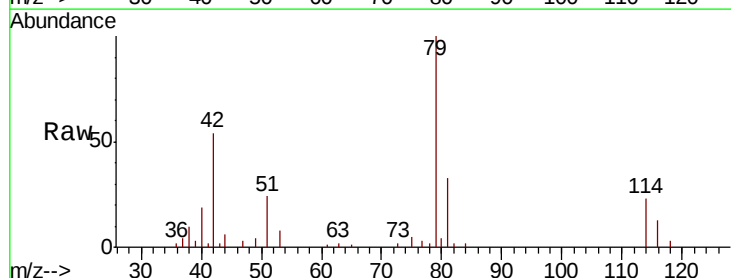
Instrument :
 MSVOA_V
 ClientSampleId :

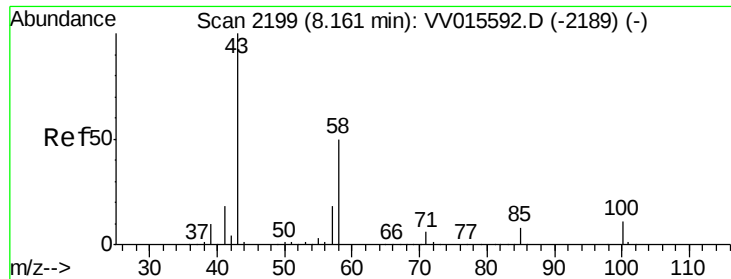
Tot Ion: 75 Resp: 1371
 Ion Ratio Lower Upper
 75 100
 77 41.7 23.0 42.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.057 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015601.D
 Acq: 21 Apr 2020 15:29

Tgt Ion: 75 Resp: 682
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.0 39.0#





#48
 2-Hexanone
 Concen: 2.543 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV015601.D
 Acq: 21 Apr 2020 15:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.0	41.4	62.0#
57	22.0	15.0	22.4
100	0.0	9.4	14.2#

