

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015747.D
 Acq On : 28 Apr 2020 15:17
 Operator : SY/MD
 Sample : L2388-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 00:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41434	6.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.80%
7) Chloroethane-d5	1.57	69	34421	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.12	63	57497	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.96	46	90117	41.96	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.38	84	67877	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	42059	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.07	84	140964	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.09	67	42955	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.34	98	125307	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.65	79	14375	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.12	63	66815	37.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29375	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	44855	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

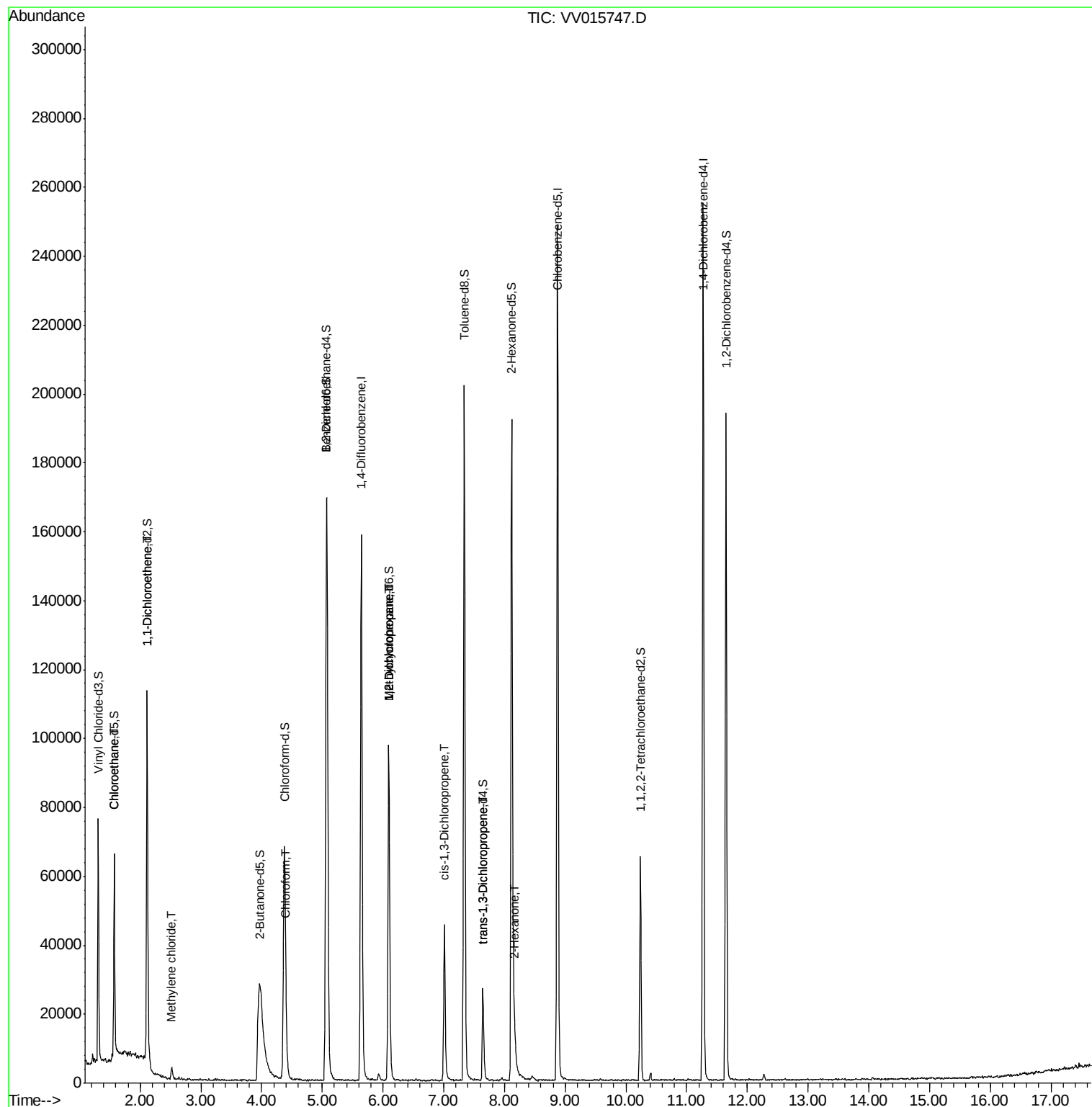
					Ovalue
8) Chloroethane	1.58	64	980	0.147 ug/L #	59
12) 1,1-Dichloroethene	2.11	96	631	0.085 ug/L #	1
16) Methylene chloride	2.52	84	1292	0.140 ug/L	94
25) Chloroform	4.41	83	6959	0.400 ug/L	93
35) Methylcyclohexane	6.10	83	11017	0.731 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5468	0.605 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1309	0.104 ug/L #	60
44) trans-1,3-Dichloropropene	7.65	75	736	0.070 ug/L #	80
48) 2-Hexanone	8.17	43	6033	1.443 ug/L #	83

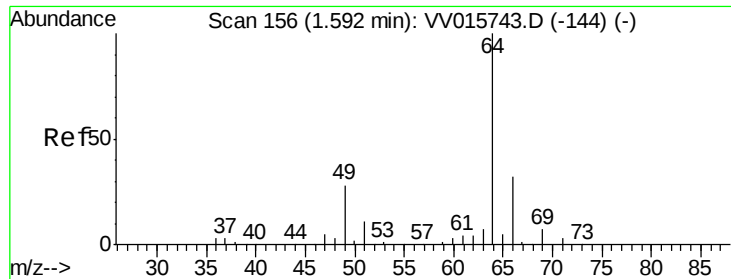
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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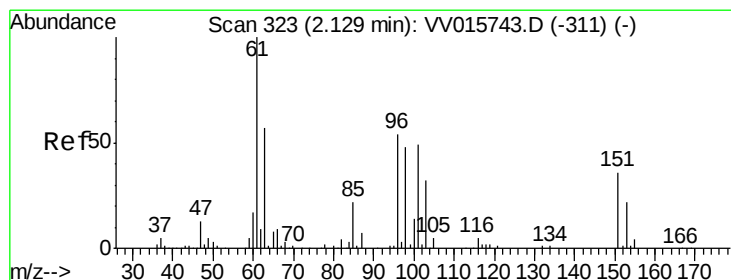
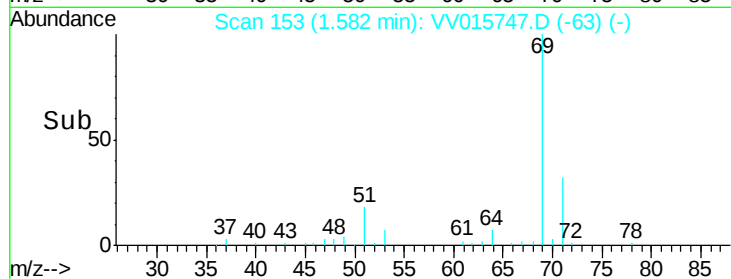
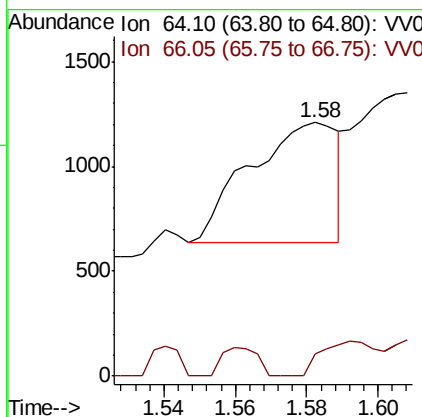
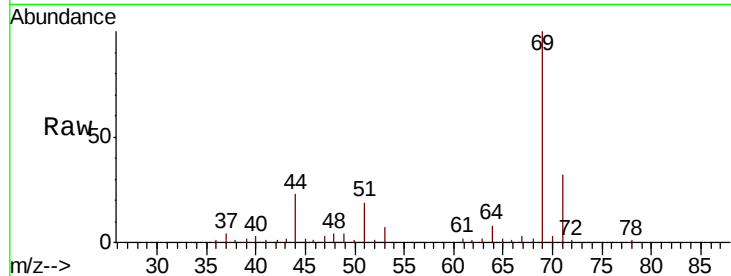




#8
Chloroethane
Concen: 0.147 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.01 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

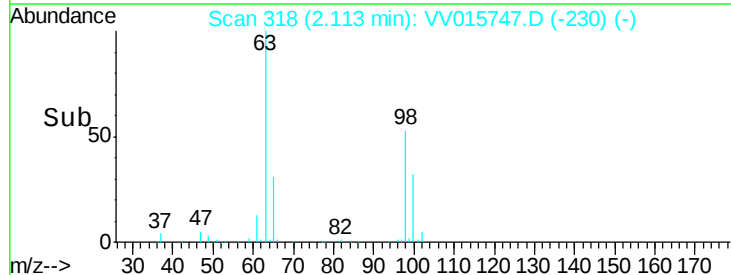
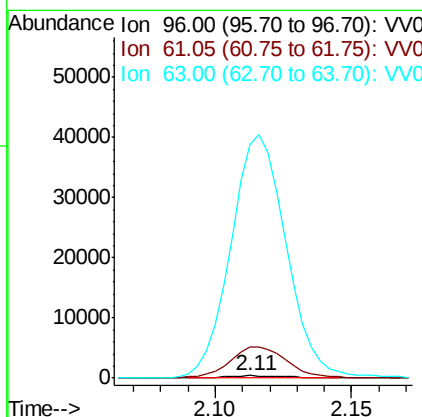
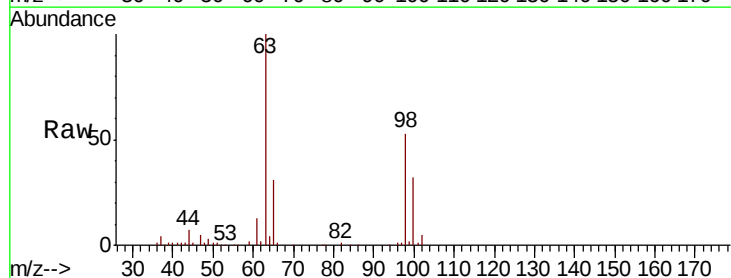
Instrument :
MSVOA_V
ClientSampled :

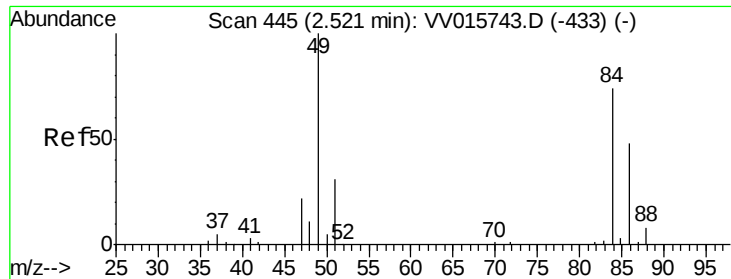
Tot Ion: 64 Resp: 980
Ion Ratio Lower Upper
64 100
66 8.9 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

Tgt Ion: 96 Resp: 631
Ion Ratio Lower Upper
96 100
61 1283.8 130.1 241.7#
63 9806.1 91.4 169.8#

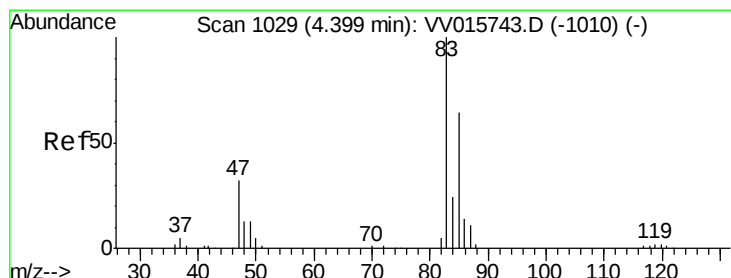
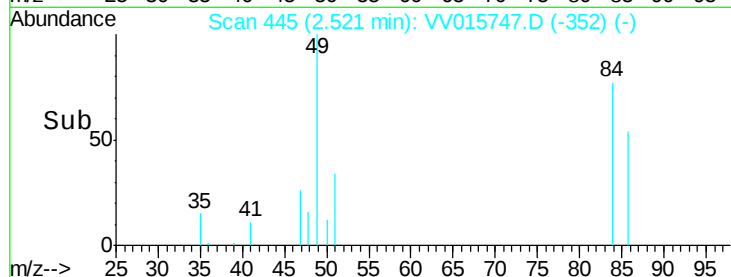
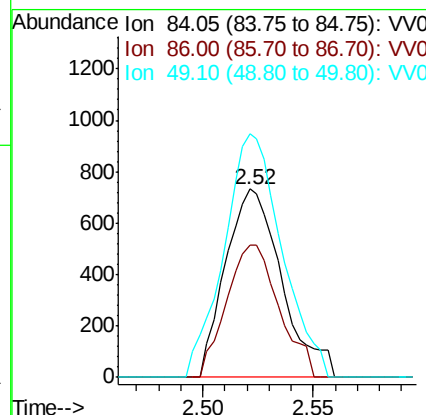
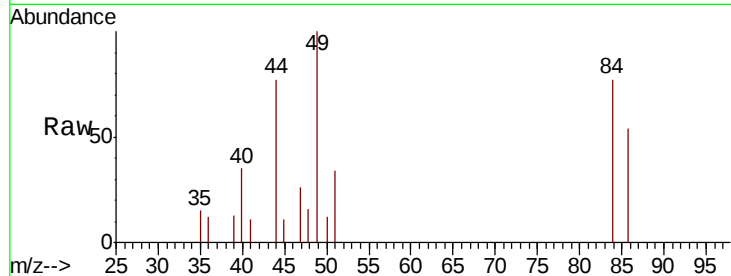




#16
Methvlene chloride
Concen: 0.140 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

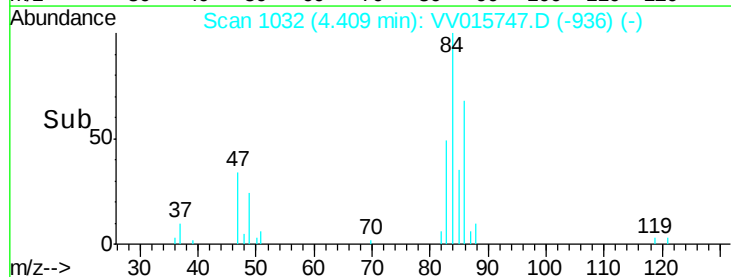
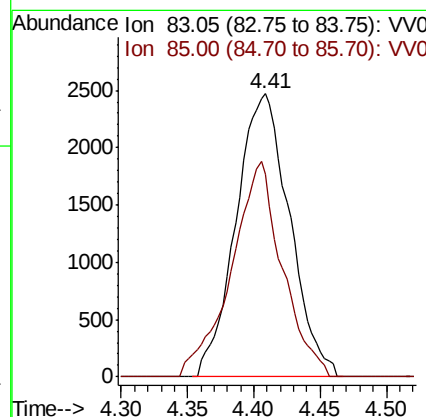
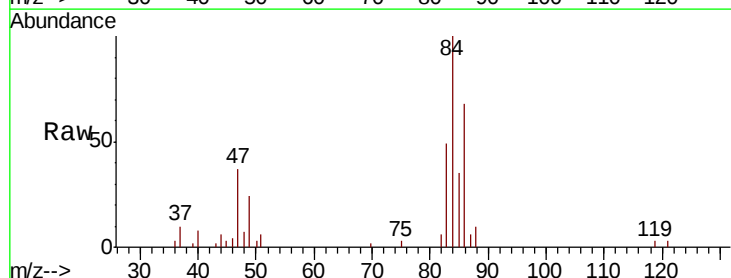
Instrument :
MSVOA_V
ClientSampleId :

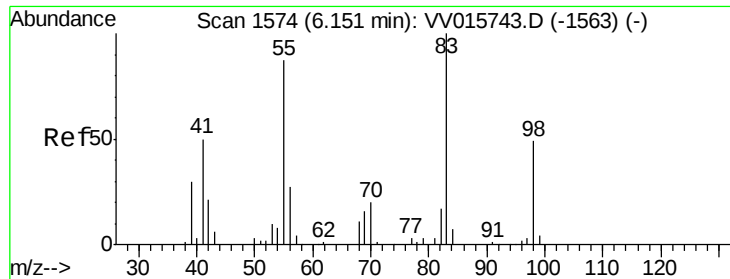
Tot Ion: 84 Resp: 1292
Ion Ratio Lower Upper
84 100
86 70.4 45.1 83.7
49 129.2 94.4 175.4



#25
Chloroform
Concen: 0.400 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

Tgt Ion: 83 Resp: 6959
Ion Ratio Lower Upper
83 100
85 71.7 46.1 85.5

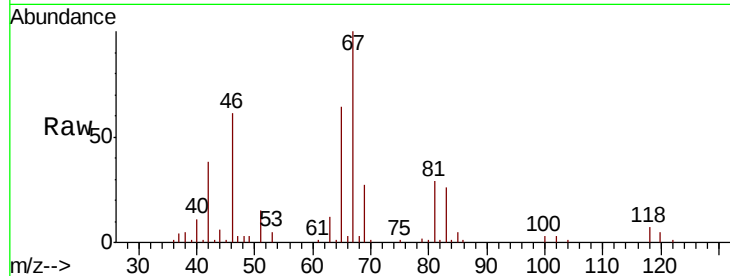




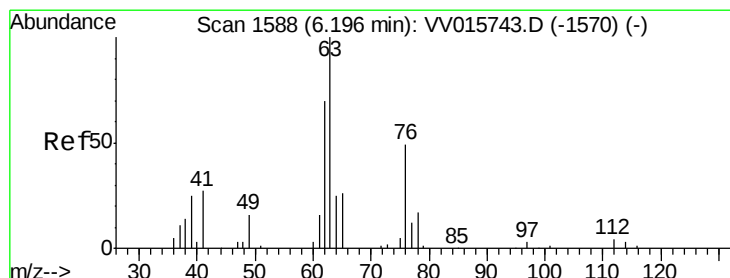
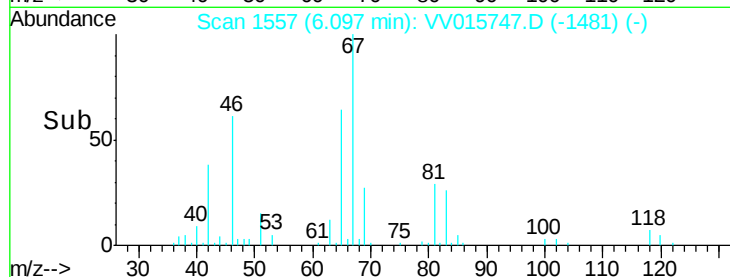
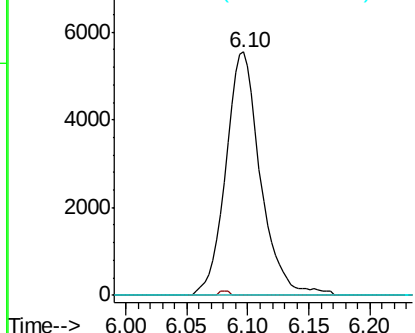
#35
Methvlcvclohexane
Concen: 0.731 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11017
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 2.6 39.5 59.3#

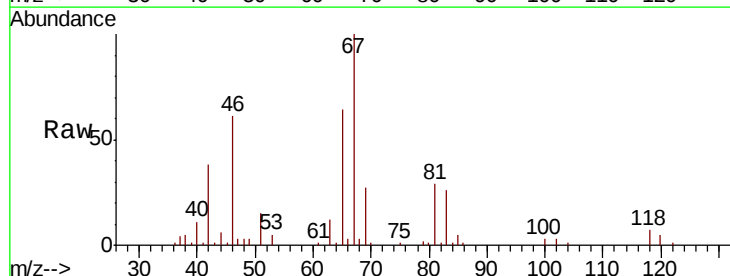


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

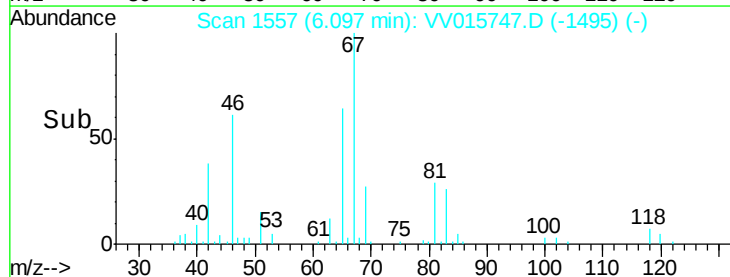
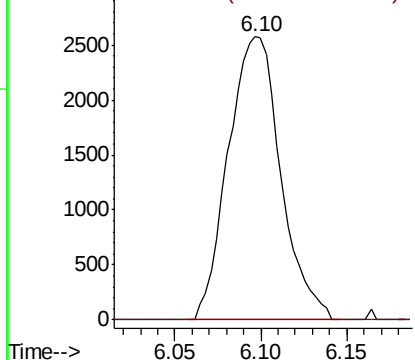


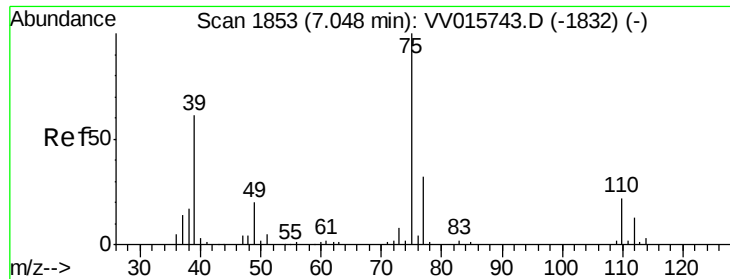
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015747.D
Acq: 28 Apr 2020 15:17

Tgt Ion: 63 Resp: 5468
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

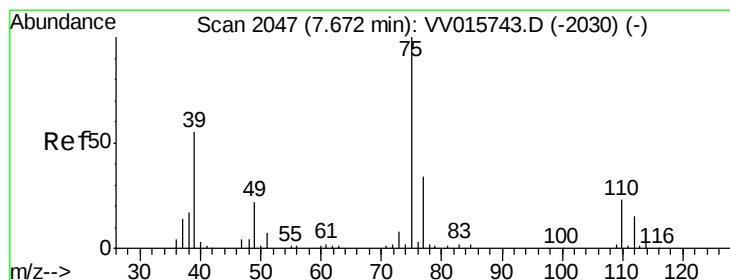
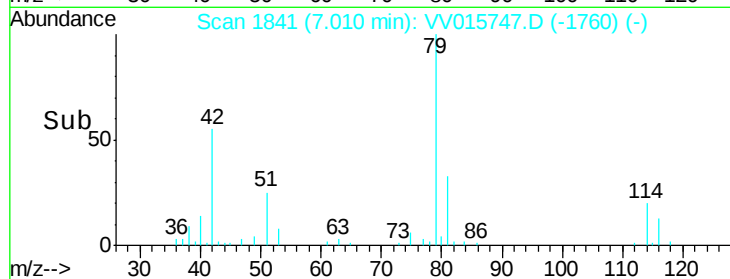
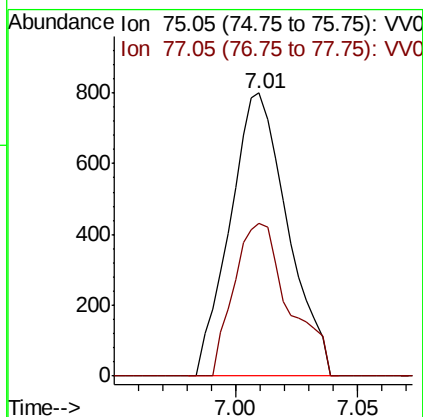
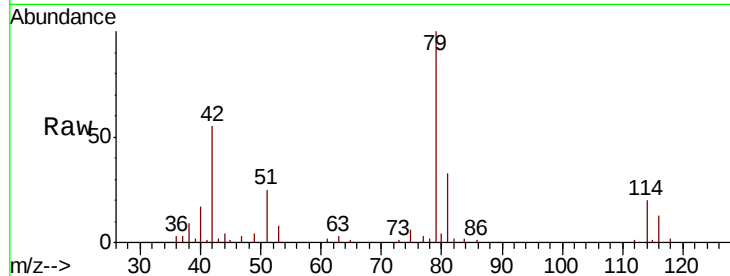




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015747.D
 Acq: 28 Apr 2020 15:17

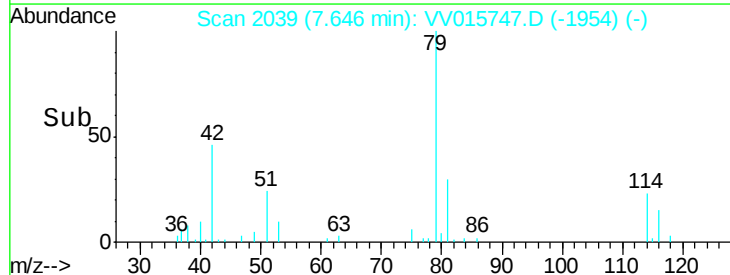
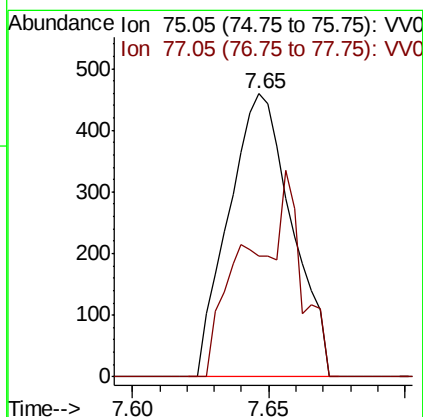
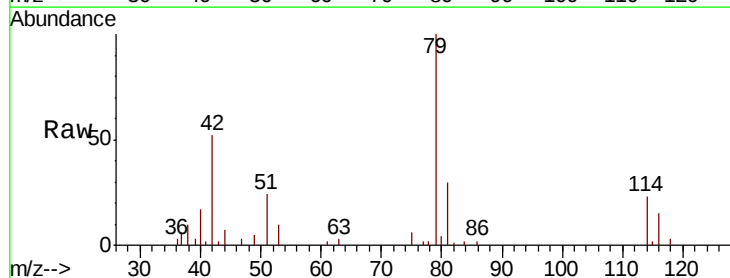
Instrument :
 MSVOA_V
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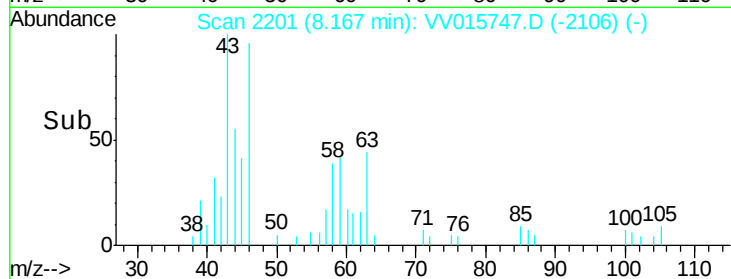
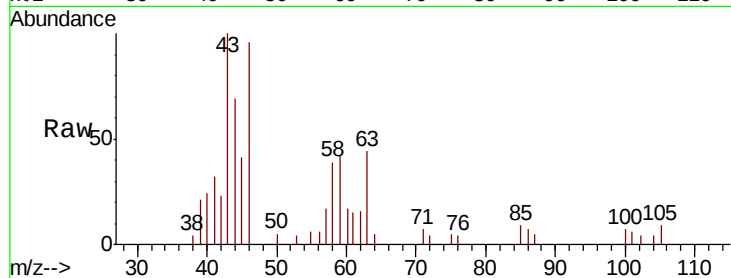
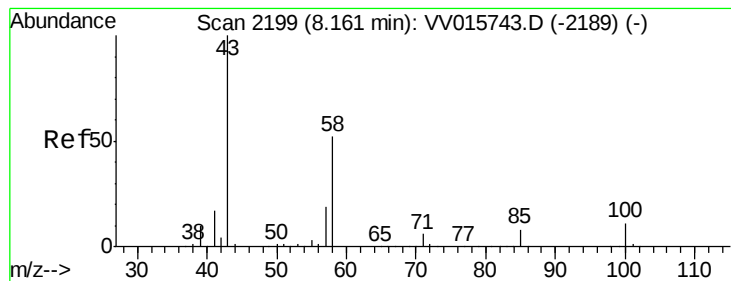
Tot Ion: 75 Resp: 1309
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015747.D
 Acq: 28 Apr 2020 15:17

Tgt Ion: 75 Resp: 736
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.8 40.6#





#48

2-Hexanone

Concen: 1.443 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015747.D

Acq: 28 Apr 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6033

Ion Ratio Lower Upper

43 100

58 43.0 41.1 61.7

57 2.8 15.0 22.4#

100 7.3 9.0 13.4#

