

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015770.D
 Acq On : 29 Apr 2020 01:03
 Operator : SY/MD
 Sample : L2419-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120340	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39152	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.58	69	33292	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.12	63	56118	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.93	46	91501	45.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.38	84	63665	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	41432	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	137331	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	41118	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	120736	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.64	79	13930	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.11	63	61754	36.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27913	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43952	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

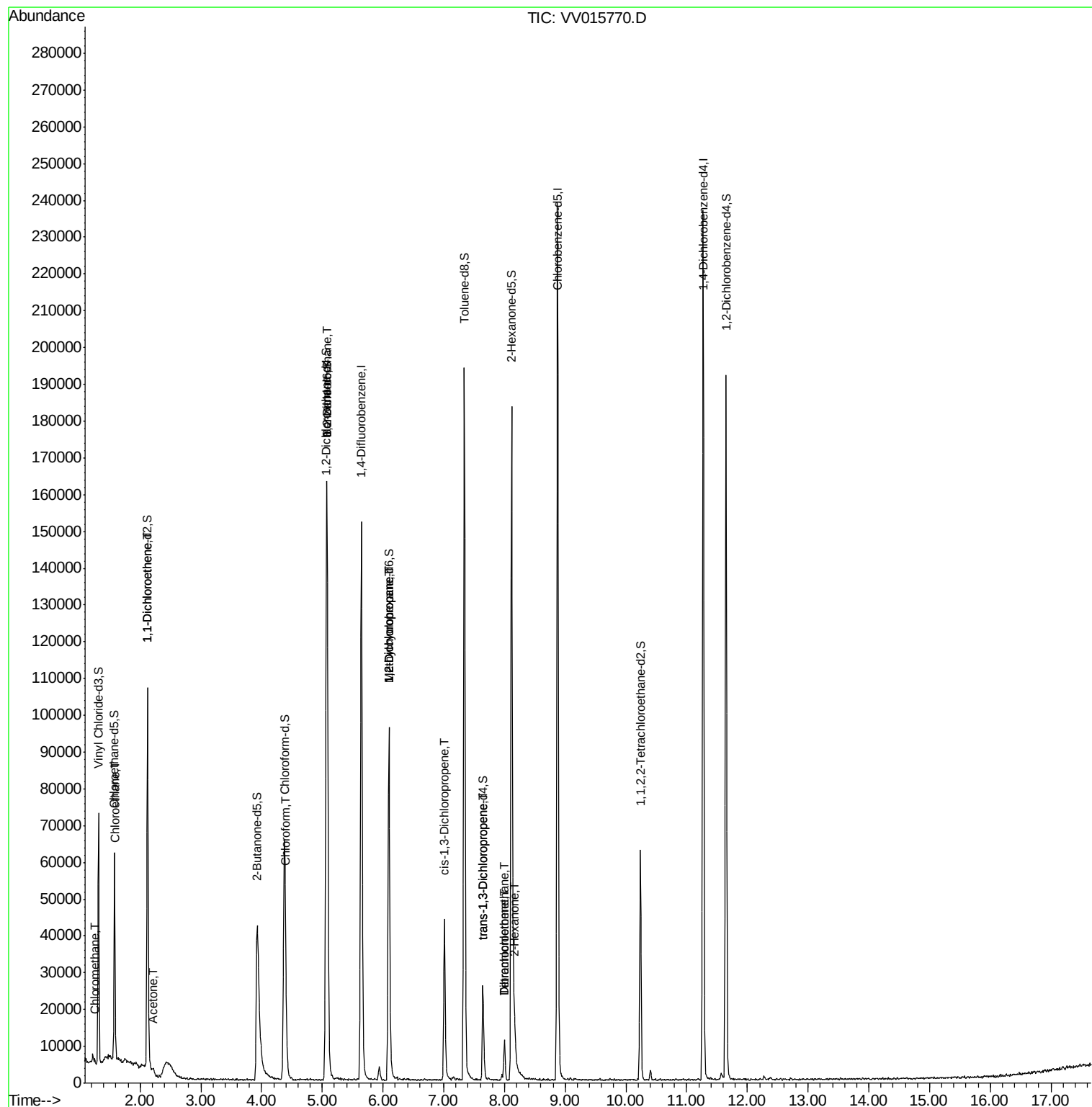
					Ovalue
3) Chloromethane	1.25	50	730	0.082	ug/L 92
8) Chloroethane	1.59	64	814	0.130	ug/L # 64
12) 1,1-Dichloroethene	2.12	96	575	0.082	ug/L # 1
13) Acetone	2.22	43	2041	1.456	ug/L 91
25) Chloroform	4.40	83	7400	0.453	ug/L 97
27) 1,2-Dichloroethane	5.07	62	923	0.086	ug/L # 78
35) Methylcyclohexane	6.10	83	11051	0.779	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	5526	0.650	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1155	0.097	ug/L # 69
44) trans-1,3-Dichloropropene	7.64	75	703	0.071	ug/L 89
47) Tetrachloroethene	8.00	164	2430	0.365	ug/L 89
48) 2-Hexanone	8.17	43	6541	1.662	ug/L # 97
49) Dibromochloromethane	8.00	129	2244	0.374	ug/L # 12

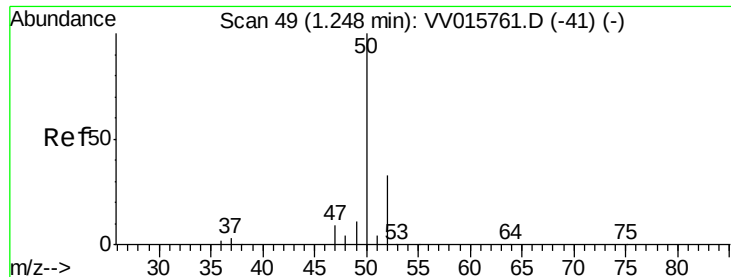
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015770.D

Acq: 29 Apr 2020 01:03

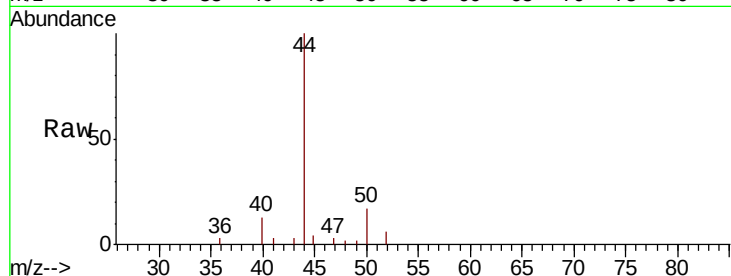
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 730

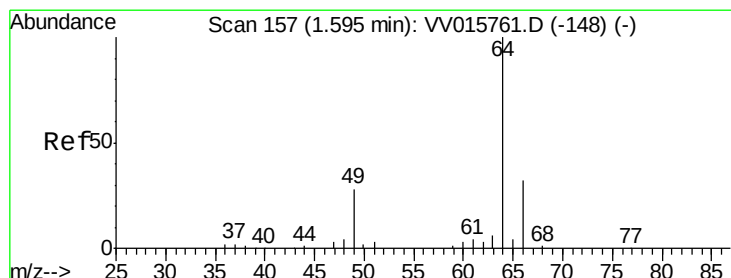
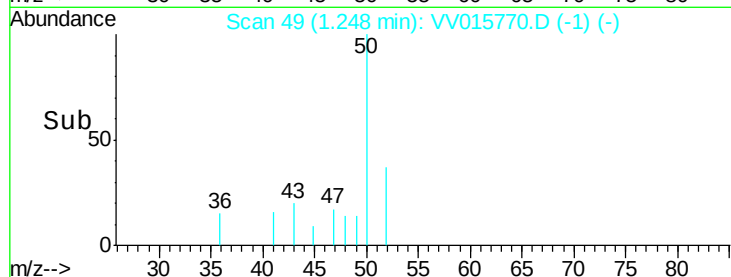
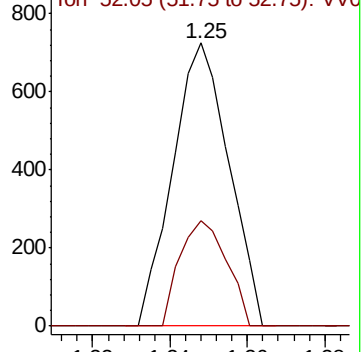
Ion Ratio Lower Upper

50 100

52 37.4 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV015770.D (-1) (-)



#8

Chloroethane

Concen: 0.130 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV015770.D

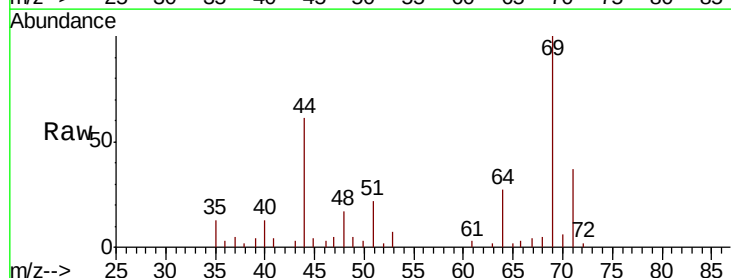
Acq: 29 Apr 2020 01:03

Tgt Ion: 64 Resp: 814

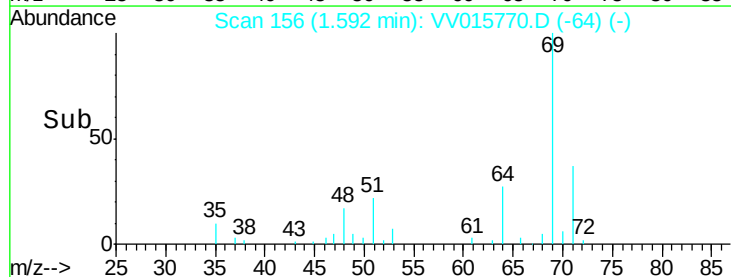
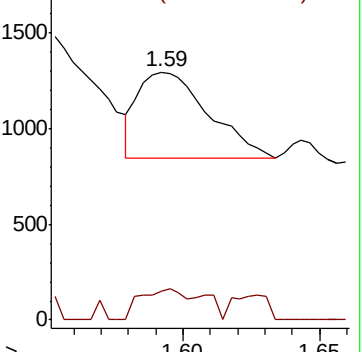
Ion Ratio Lower Upper

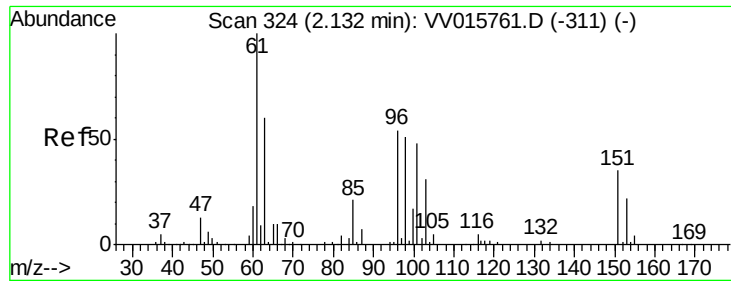
64 100

66 11.6 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV015770.D (-64) (-)

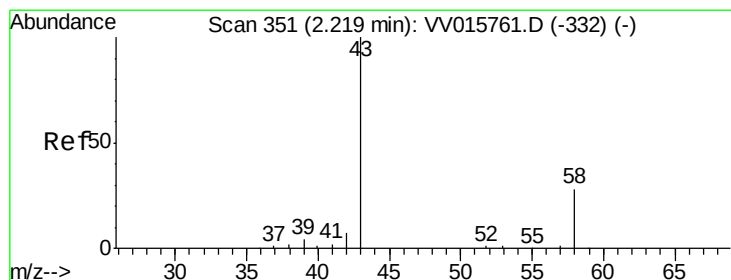
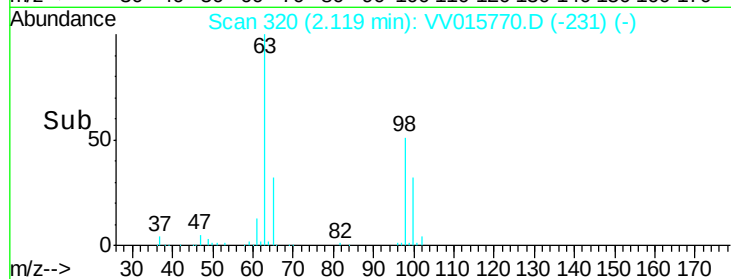
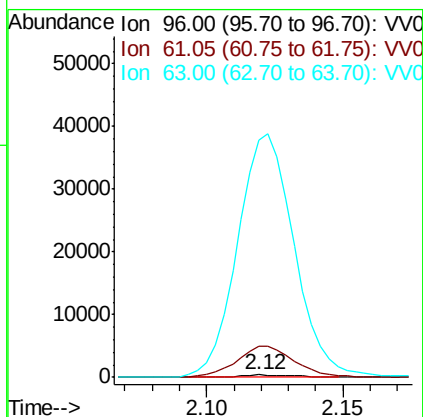
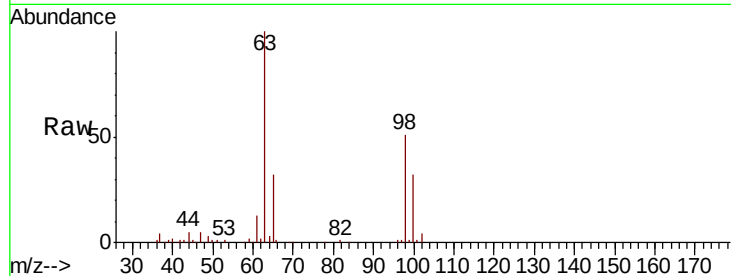




#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV015770.D
 Acq: 29 Apr 2020 01:03

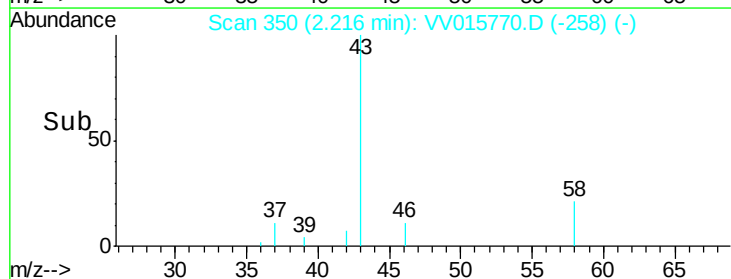
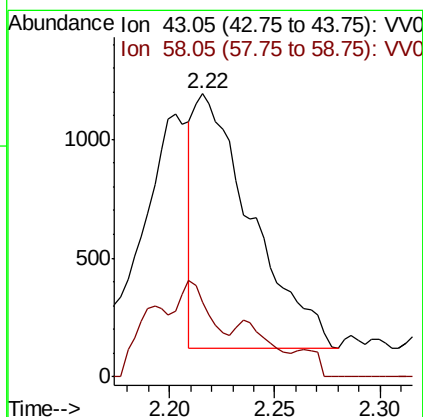
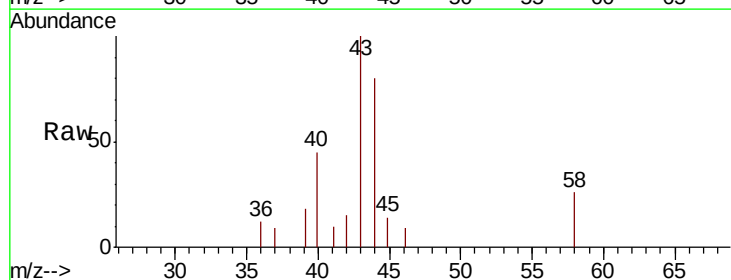
Instrument :
 MSVOA_V
 ClientSampled :

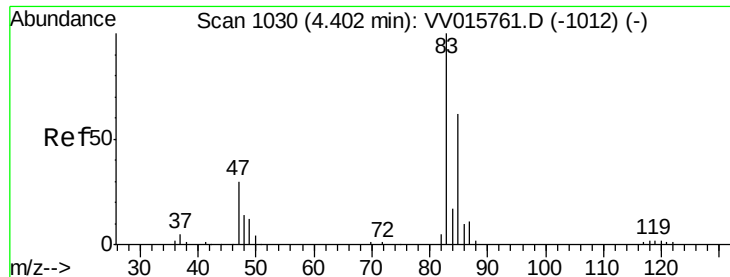
Tot Ion: 96 Resp: 575
 Ion Ratio Lower Upper
 96 100
 61 1290.5 130.1 241.7#
 63 9960.0 91.4 169.8#



#13
 Acetone
 Concen: 1.456 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VV015770.D
 Acq: 29 Apr 2020 01:03

Tgt Ion: 43 Resp: 2041
 Ion Ratio Lower Upper
 43 100
 58 24.3 0.0 57.6

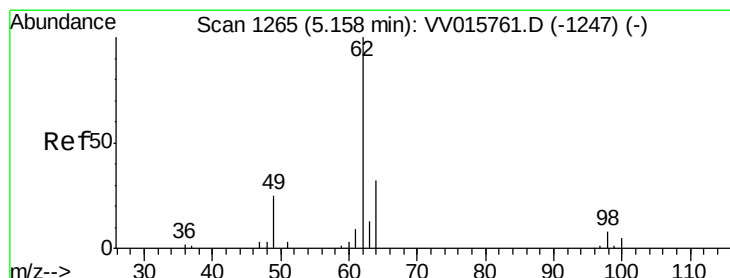
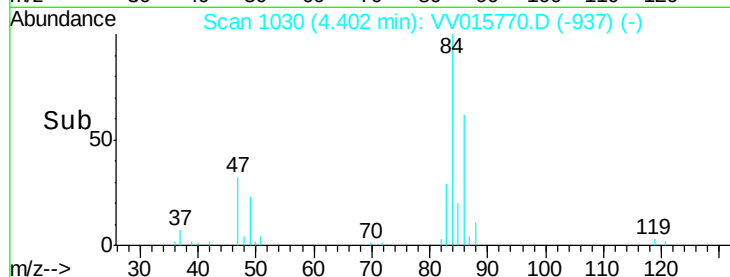
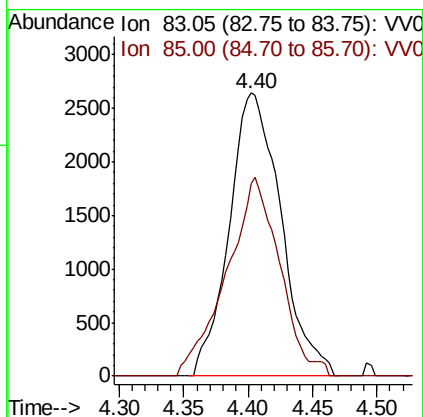
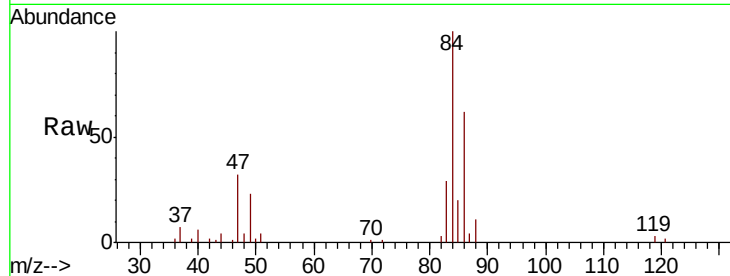




#25
Chloroform
Concen: 0.453 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015770.D
Acq: 29 Apr 2020 01:03

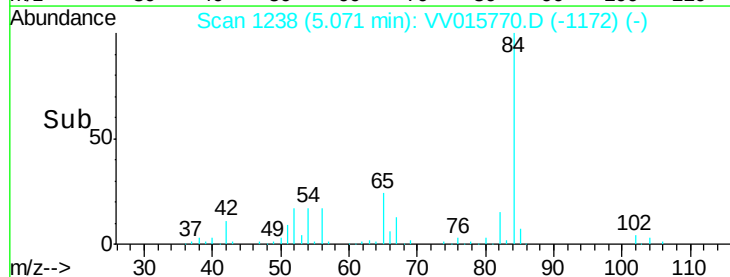
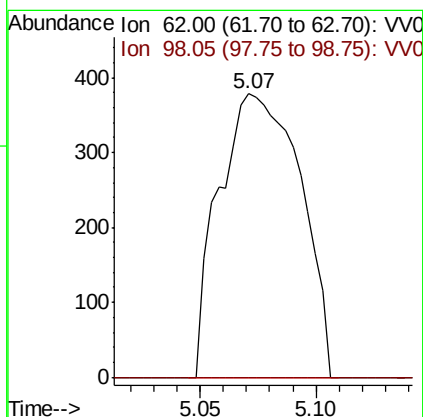
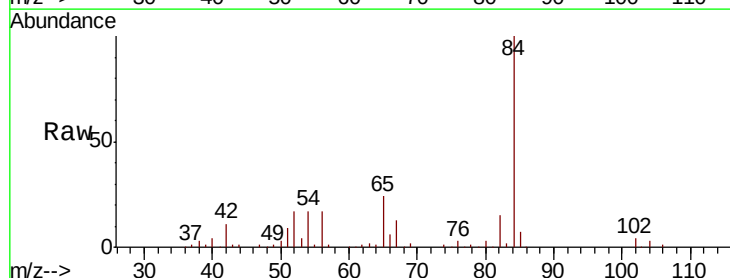
Instrument :
MSVOA_V
ClientSampled :

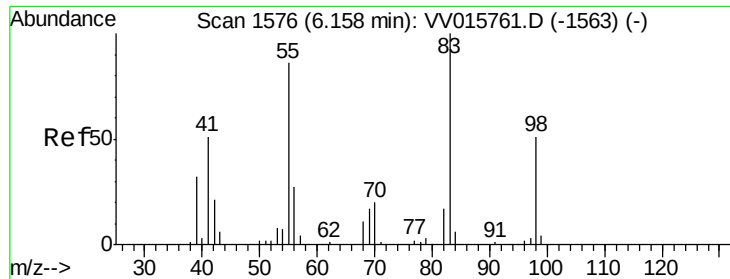
Tot Ion: 83 Resp: 7400
Ion Ratio Lower Upper
83 100
85 67.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV015770.D
Acq: 29 Apr 2020 01:03

Tgt Ion: 62 Resp: 923
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

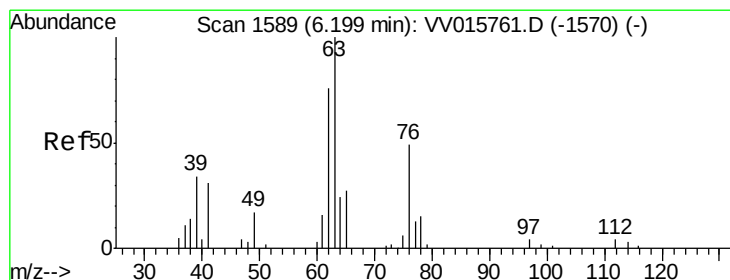
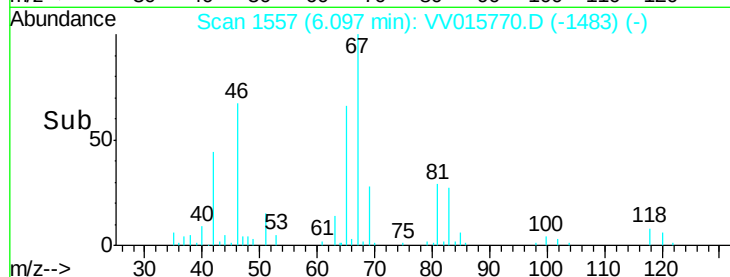
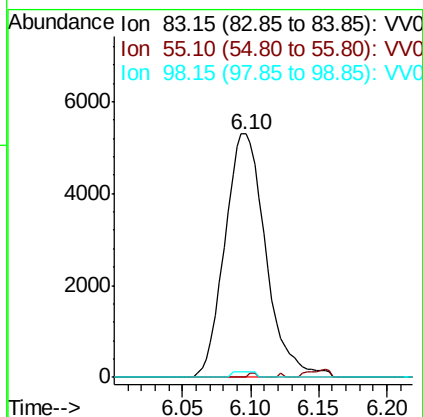
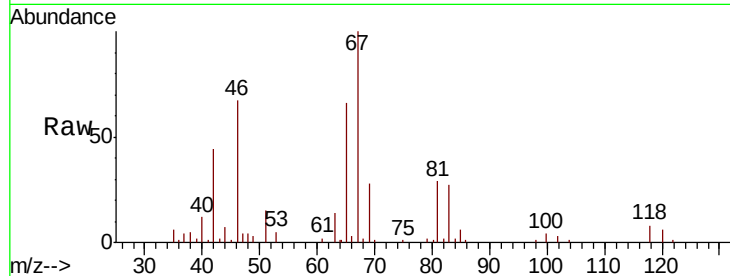




#35
Methylvlcyclohexane
Concen: 0.779 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015770.D
Acq: 29 Apr 2020 01:03

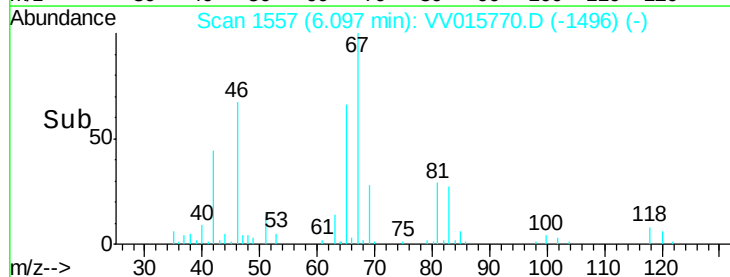
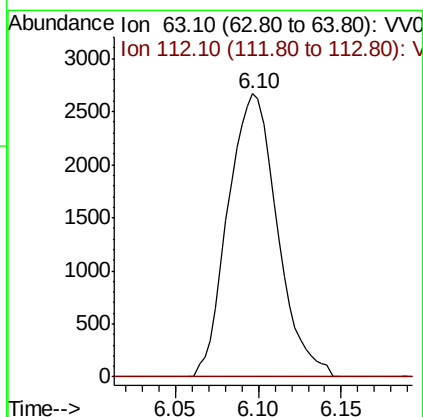
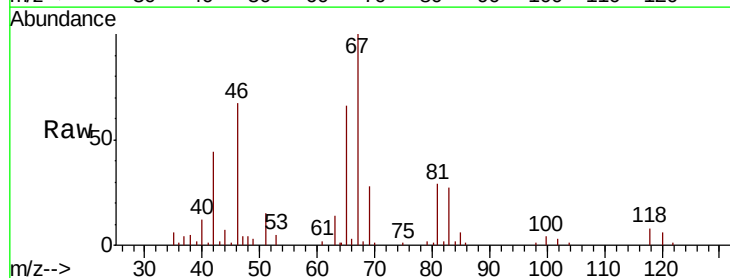
Instrument :
MSVOA_V
ClientSampleId :

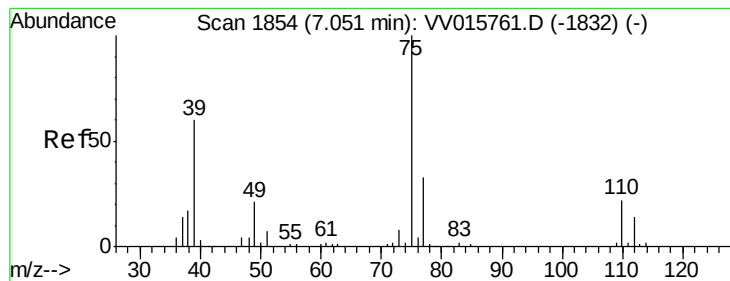
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.6	99.8#
98	1.2	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015770.D
Acq: 29 Apr 2020 01:03

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



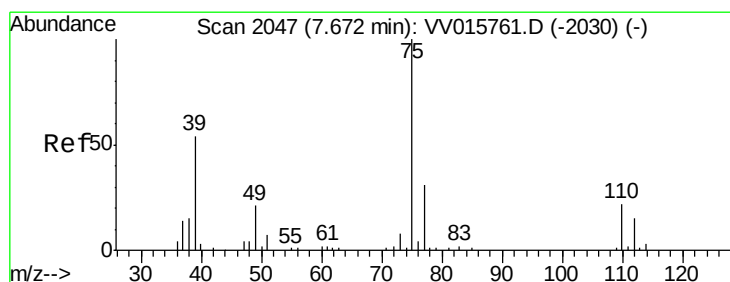
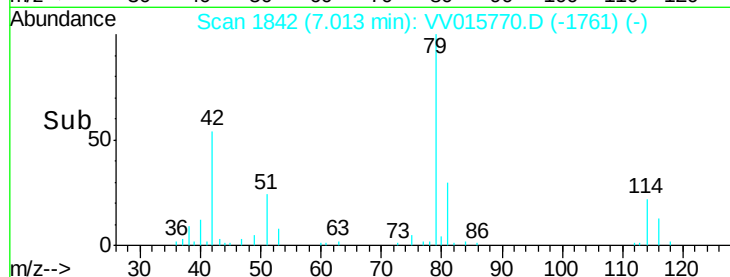
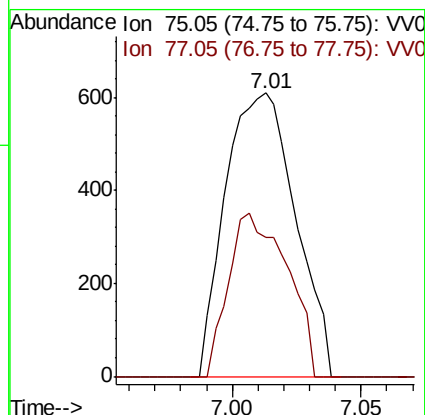
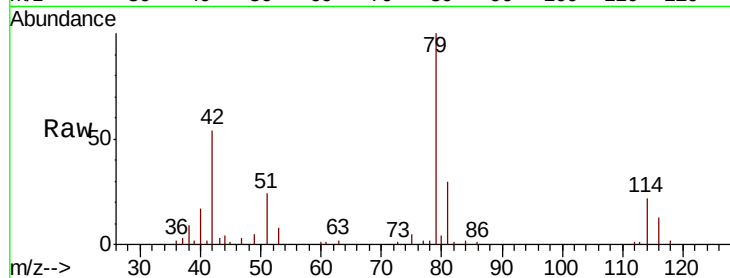


#39

cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015770.D
 Acq: 29 Apr 2020 01:03

Instrument :
 MSVOA_V
 ClientSampleId :

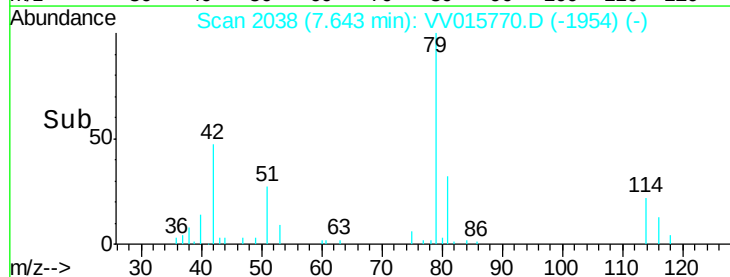
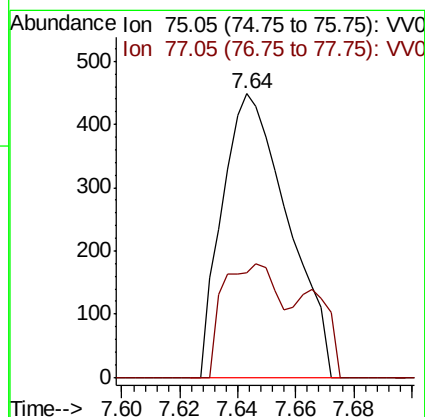
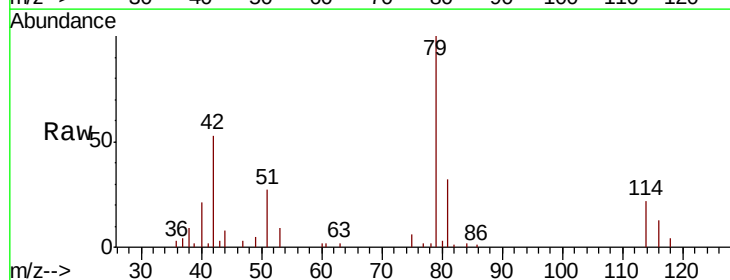
Tot Ion: 75 Resp: 1155
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.3 41.5#

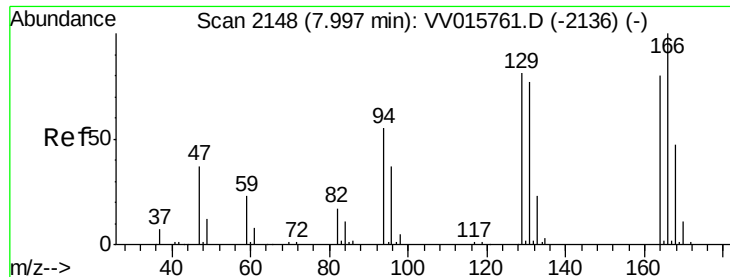


#44

trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015770.D
 Acq: 29 Apr 2020 01:03

Tgt Ion: 75 Resp: 703
 Ion Ratio Lower Upper
 75 100
 77 37.1 21.8 40.6





#47

Tetrachloroethene

Concen: 0.365 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015770.D

Acq: 29 Apr 2020 01:03

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 2430

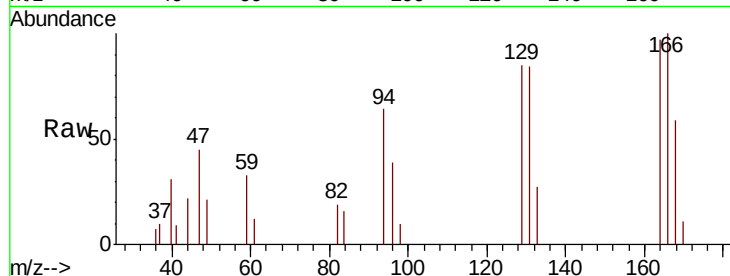
Ion Ratio Lower Upper

164 100

129 88.1 66.7 123.9

131 87.1 66.6 123.6

166 103.1 85.3 158.5

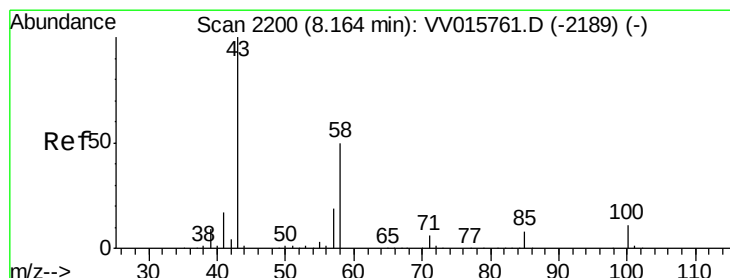
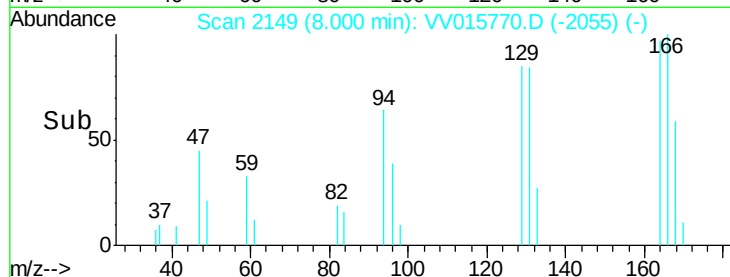
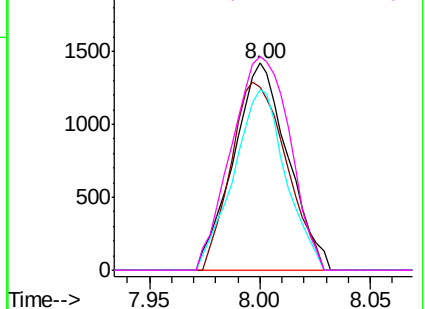


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.662 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015770.D

Acq: 29 Apr 2020 01:03

Tgt Ion: 43 Resp: 6541

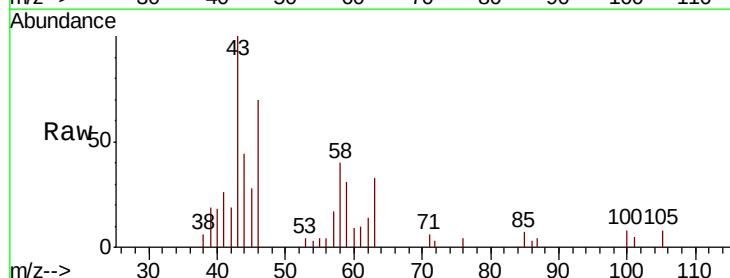
Ion Ratio Lower Upper

43 100

58 51.3 41.1 61.7

57 23.7 15.0 22.4#

100 9.2 9.0 13.4

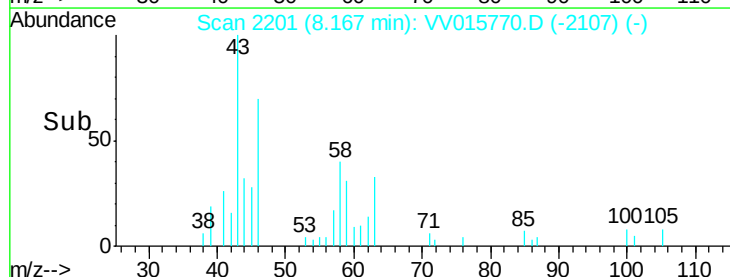
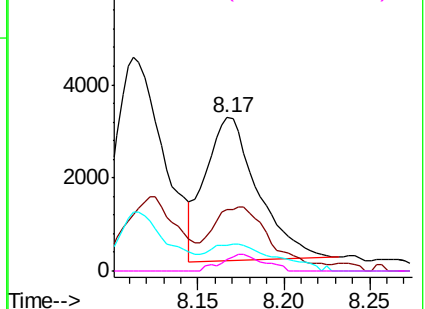


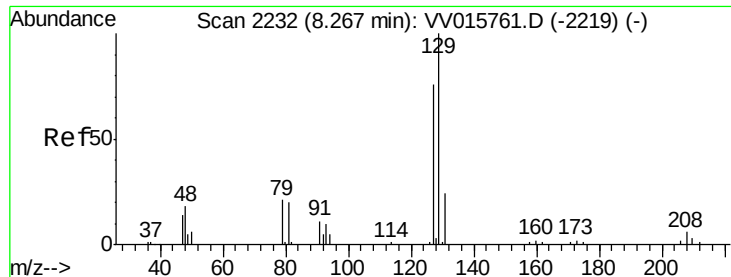
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49
 Dibromochloromethane
 Concen: 0.374 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV015770.D
 Acq: 29 Apr 2020 01:03

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 2244
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.6 97.8#

