

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015463.D
 Acq On : 14 Apr 2020 16:06
 Operator : SY/MD
 Sample : L2273-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ83

Quant Time: Apr 15 02:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	112756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	106835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32797	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.58	69	28750	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.12	63	46035	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	76378	46.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.98%
24) Chloroform-d	4.38	84	60300	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	32582	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	120350	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	36918	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	112769	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.64	79	15607	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.11	63	61834	39.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25679	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	41342	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

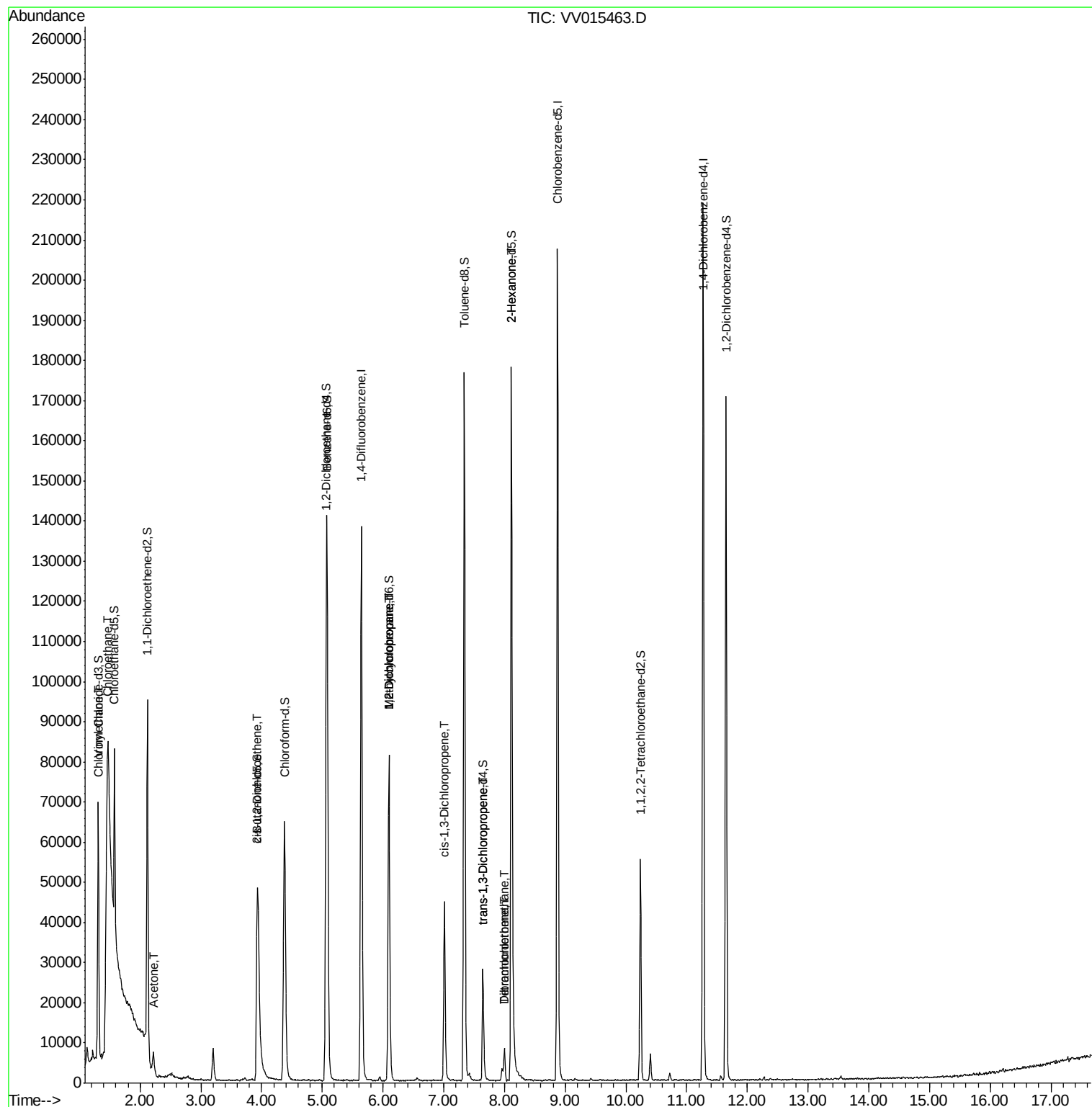
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.30	50	854	0.080	ug/L #	78
8) Chloroethane	1.47	64	386016	65.037	ug/L #	51
13) Acetone	2.21	43	5351	4.611	ug/L #	47
22) cis-1,2-Dichloroethene	3.94	96	8190	0.989	ug/L	99
35) Methylcyclohexane	6.09	83	8947	0.617	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4266	0.538	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1257	0.103	ug/L #	62
44) trans-1,3-Dichloropropene	7.64	75	686	0.067	ug/L #	76
47) Tetrachloroethene	8.00	164	1672	0.262	ug/L	91
48) 2-Hexanone	8.11	43	8524	2.343	ug/L #	82
49) Dibromochloromethane	8.00	129	1798	0.282	ug/L #	10

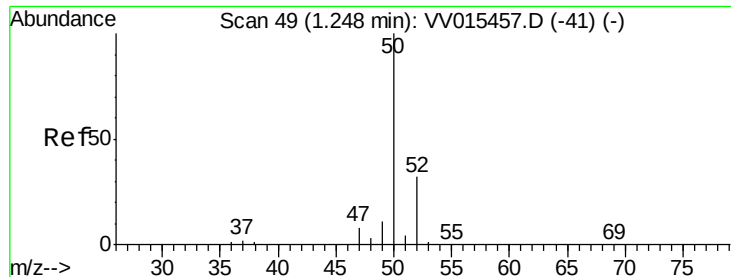
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041420\
Data File : VV015463.D
Acq On : 14 Apr 2020 16:06
Operator : SY/MD
Sample : L2273-05
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAQ83

Quant Time: Apr 15 02:21:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.30 min Scan# 65

Delta R.T. 0.05 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

Instrument :

MSVOA_V

ClientSampled :

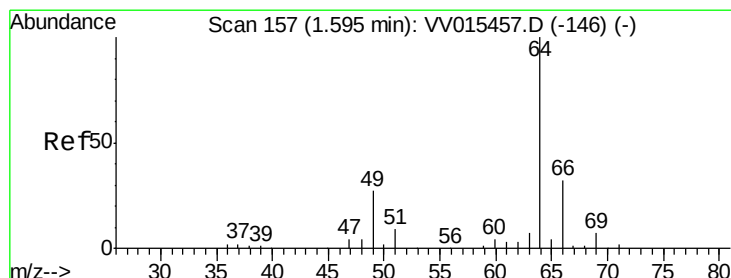
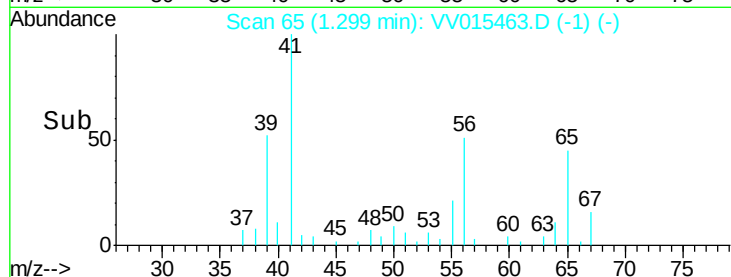
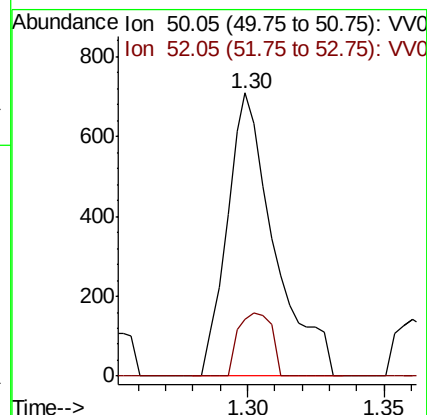
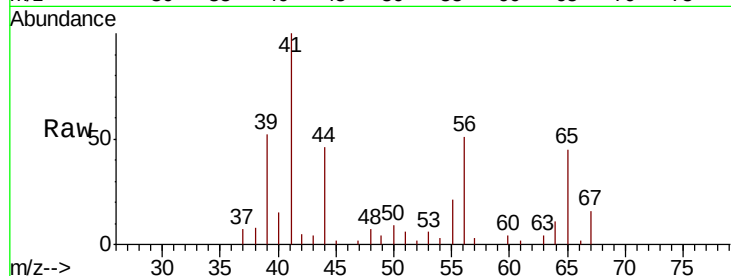
YAQ83

Tot Ion: 50 Resp: 854

Ion Ratio Lower Upper

50 100

52 19.9 22.7 42.1#



#8

Chloroethane

Concen: 65.037 ug/L

RT: 1.47 min Scan# 119

Delta R.T. -0.12 min

Lab File: VV015463.D

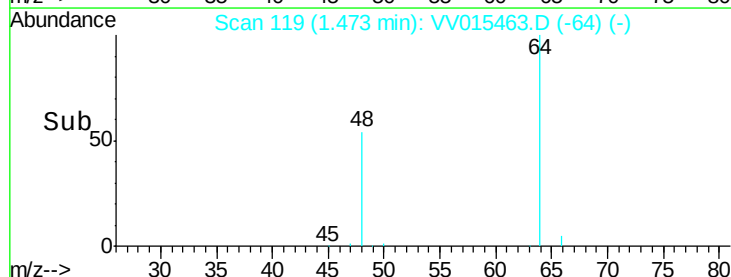
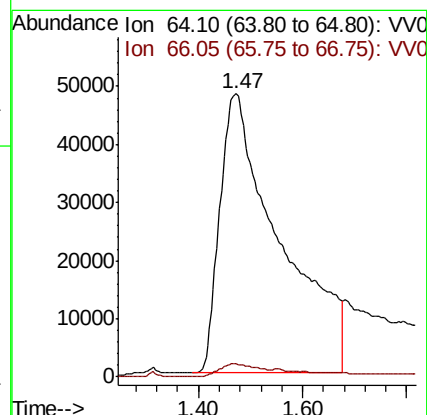
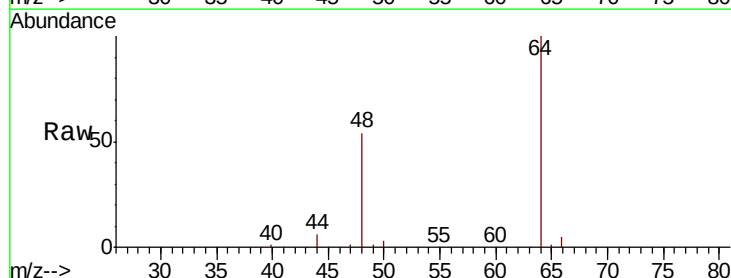
Acq: 14 Apr 2020 16:06

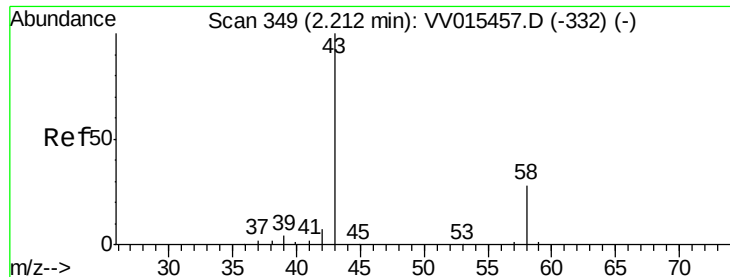
Tgt Ion: 64 Resp: 386016

Ion Ratio Lower Upper

64 100

66 4.6 22.3 41.5#





#13

Acetone

Concen: 4.611 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

Instrument :

MSVOA_V

ClientSampleId :

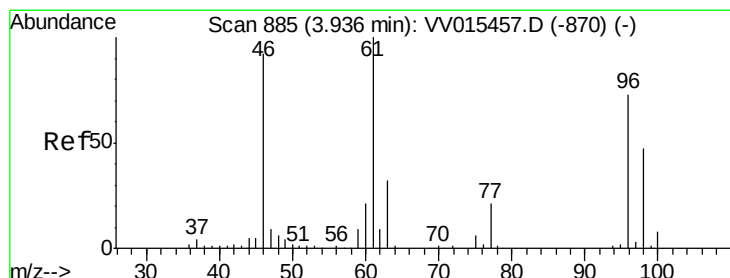
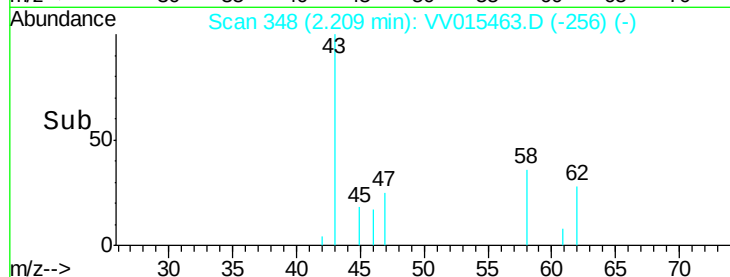
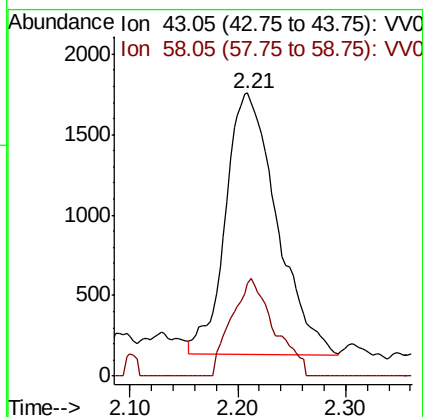
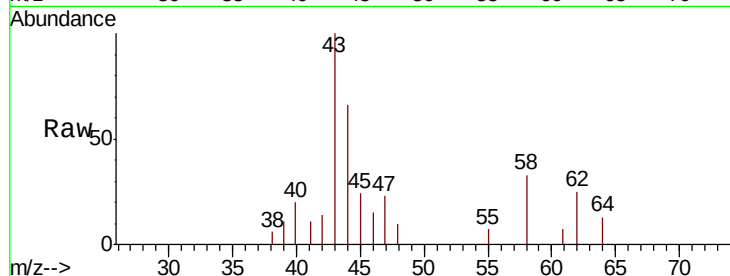
YQA83

Tot Ion: 43 Resp: 5351

Ion Ratio Lower Upper

43 100

58 31.2 0.0 22.2#



#22

cis-1,2-Dichloroethene

Concen: 0.989 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

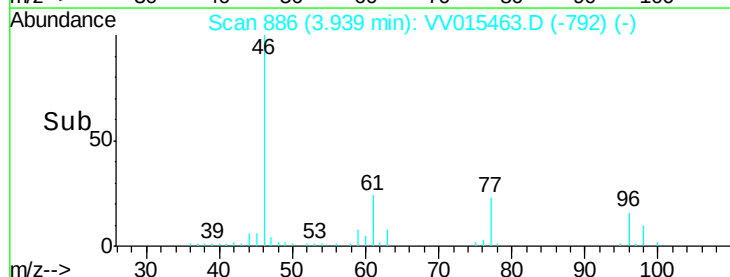
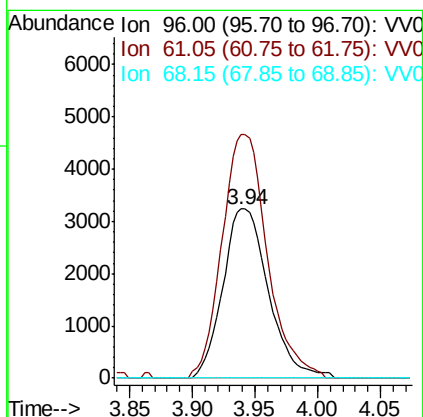
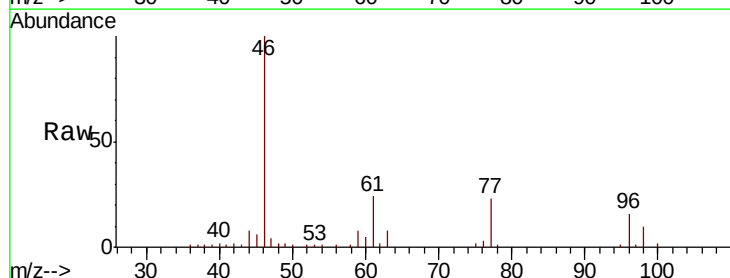
Tgt Ion: 96 Resp: 8190

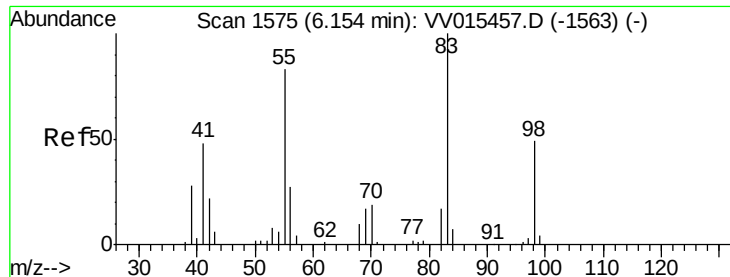
Ion Ratio Lower Upper

96 100

61 143.6 100.0 185.8

68 0.0 0.0 0.0

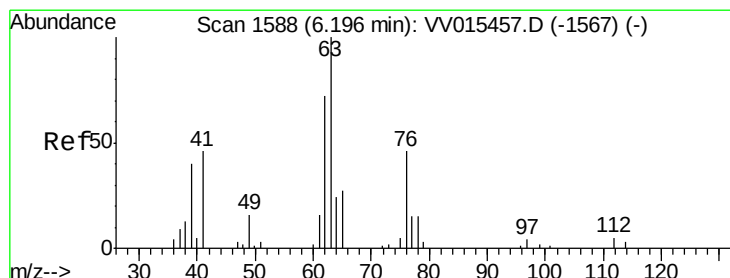
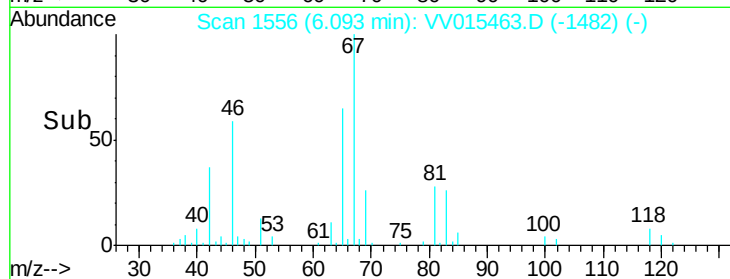
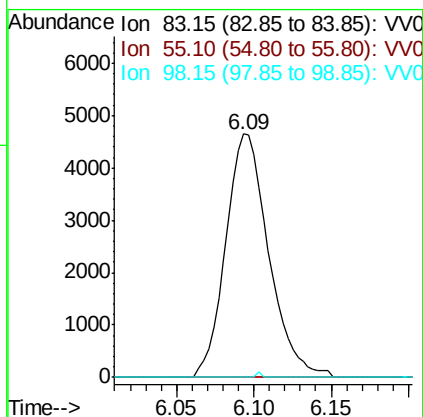
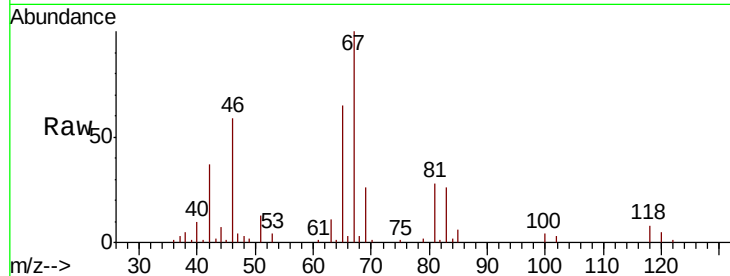




#35
Methylvlcyclohexane
Concen: 0.617 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015463.D
Acq: 14 Apr 2020 16:06

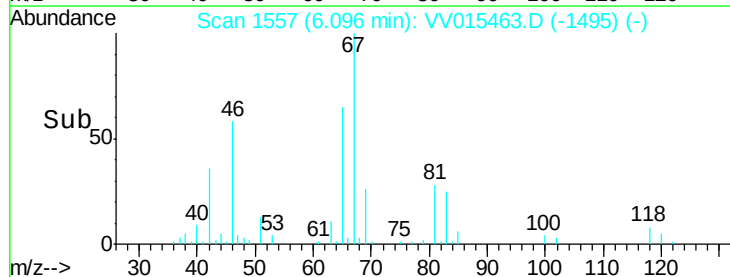
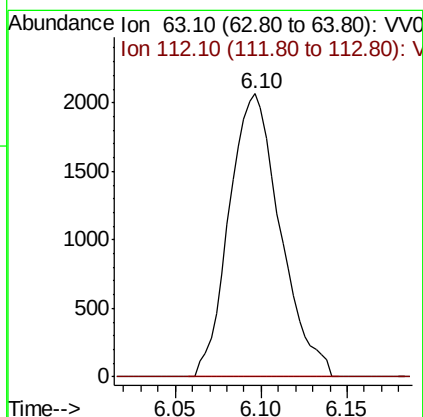
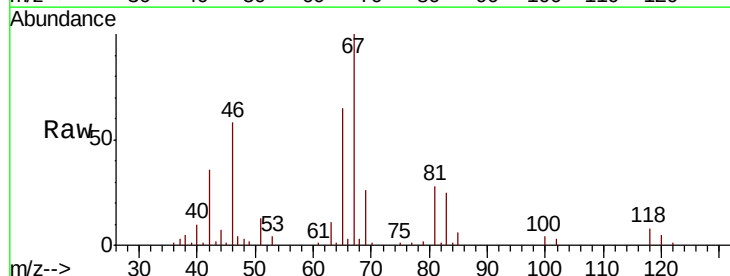
Instrument :
MSVOA_V
ClientSampleId :
YQA83

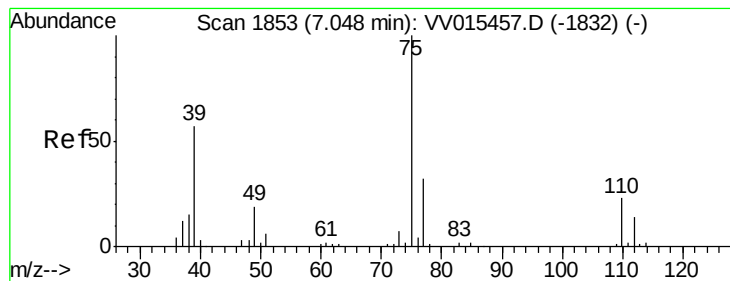
Tot Ion: 83 Resp: 8947
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.2 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015463.D
Acq: 14 Apr 2020 16:06

Tgt Ion: 63 Resp: 4266
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



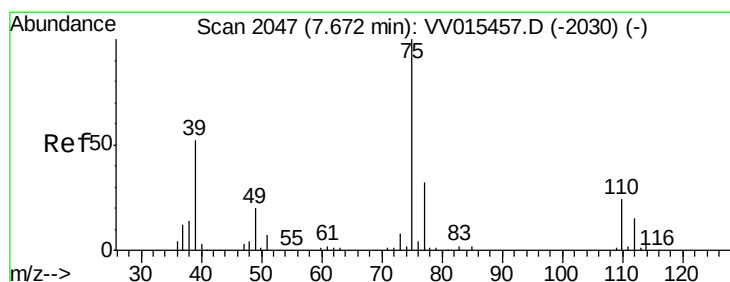
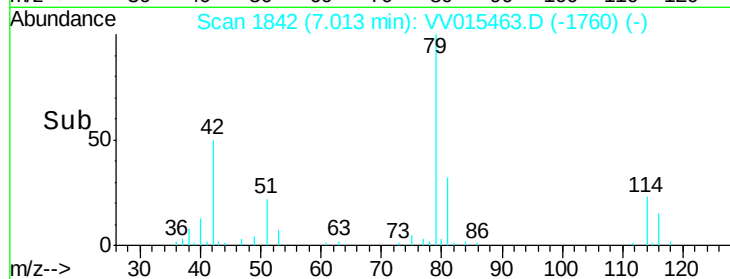
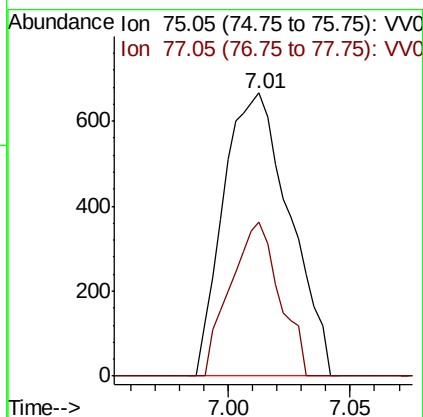
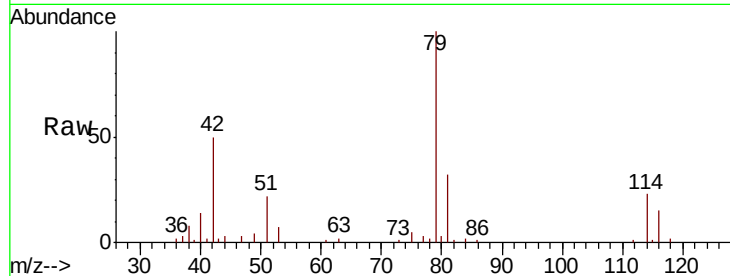


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015463.D
Acq: 14 Apr 2020 16:06

Instrument :
MSVOA_V
ClientSampleId :
YAQ83

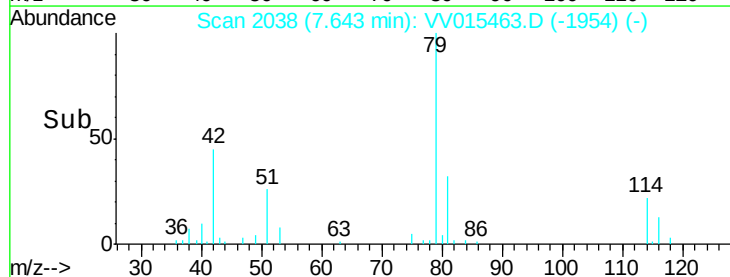
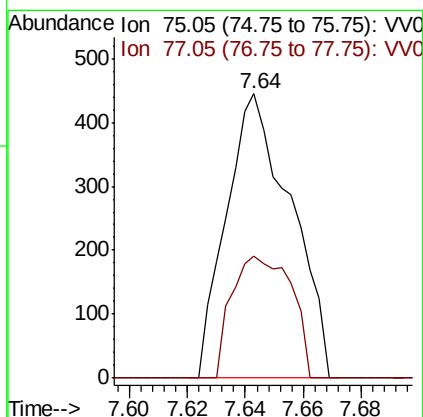
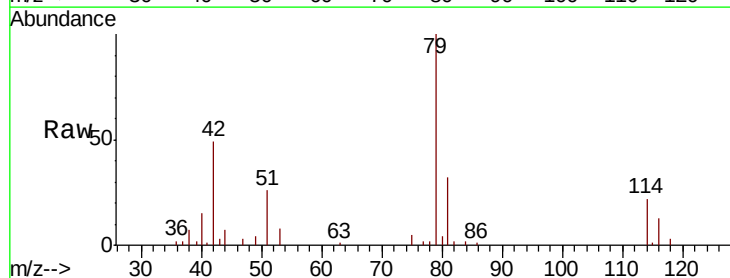
Tot Ion: 75 Resp: 1257
Ion Ratio Lower Upper
75 100
77 54.4 23.0 42.6#

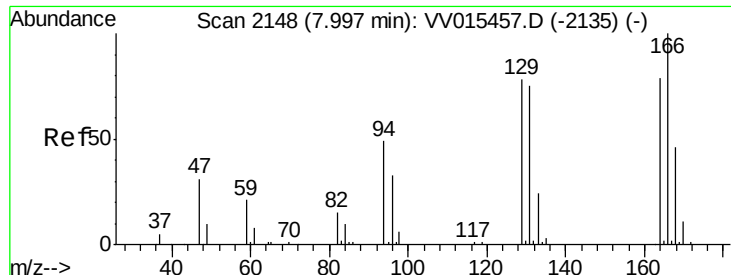


#44

trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015463.D
Acq: 14 Apr 2020 16:06

Tgt Ion: 75 Resp: 686
Ion Ratio Lower Upper
75 100
77 42.8 21.0 39.0#





#47

Tetrachloroethene

Concen: 0.262 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

Instrument :
MSVOA_V
ClientSampleId :
YAQ83

Tot Ion:164 Resp: 1672

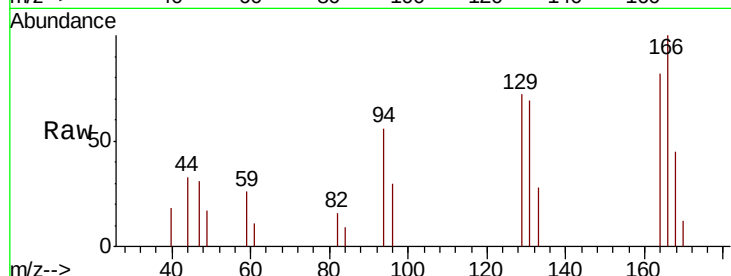
Ion Ratio Lower Upper

164 100

129 88.4 70.6 131.0

131 85.1 68.3 126.8

166 122.4 88.3 163.9

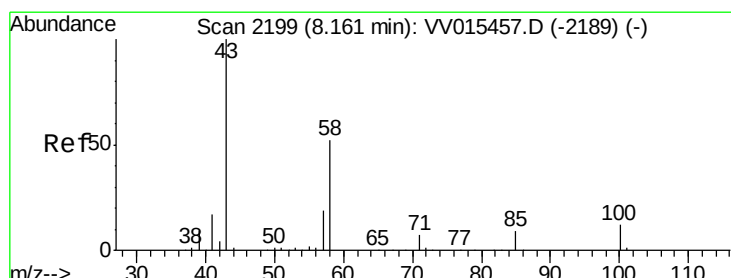
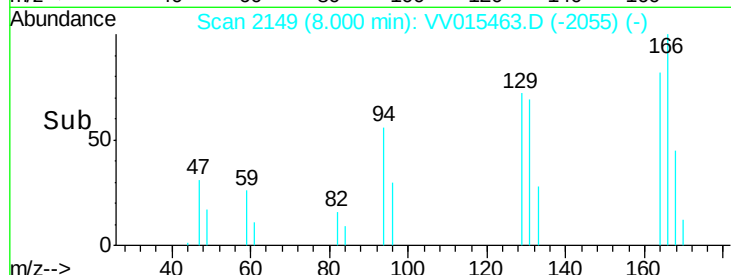
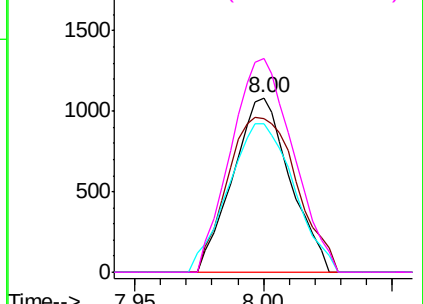


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.343 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

Tgt Ion: 43 Resp: 8524

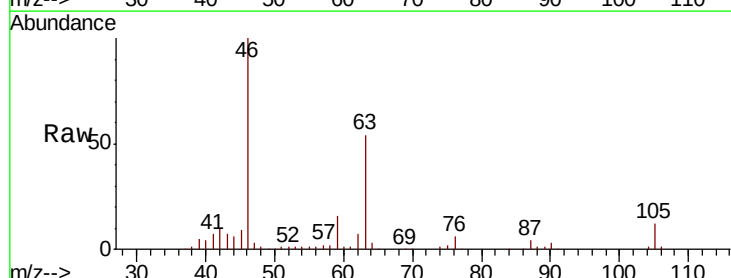
Ion Ratio Lower Upper

43 100

58 39.3 41.4 62.0#

57 22.9 15.0 22.4#

100 0.0 9.4 14.2#

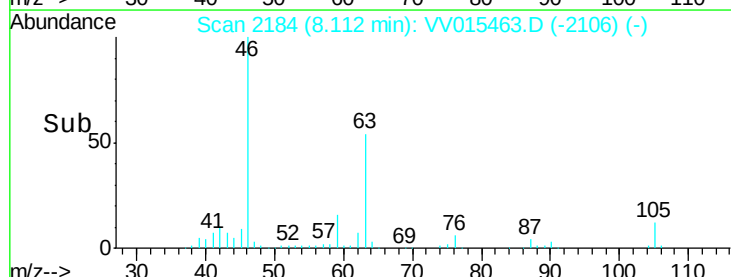
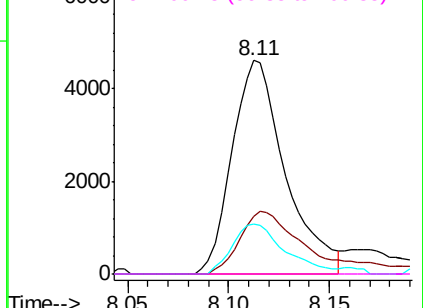


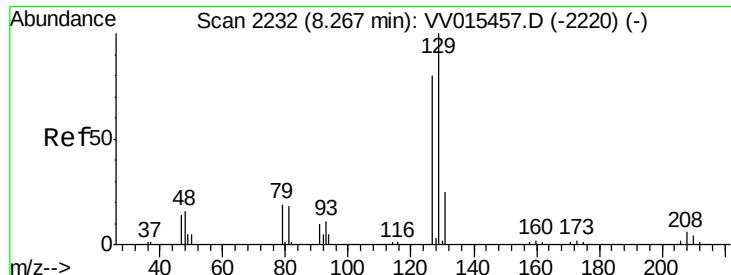
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.282 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015463.D

Acq: 14 Apr 2020 16:06

Instrument :
MSVOA_V
ClientSampleId :
YAQ83

Tot Ion:129 Resp: 1798

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

