

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015484.D
 Acq On : 15 Apr 2020 00:37
 Operator : SY/MD
 Sample : L2274-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQA2

Quant Time: Apr 15 05:34:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109938	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32408	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	28630	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.12	63	45573	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.93	46	79453	49.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.38	84	60497	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	33590	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	121153	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.10	67	37399	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	112148	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	14353	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.11	63	63118	41.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26595	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41547	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

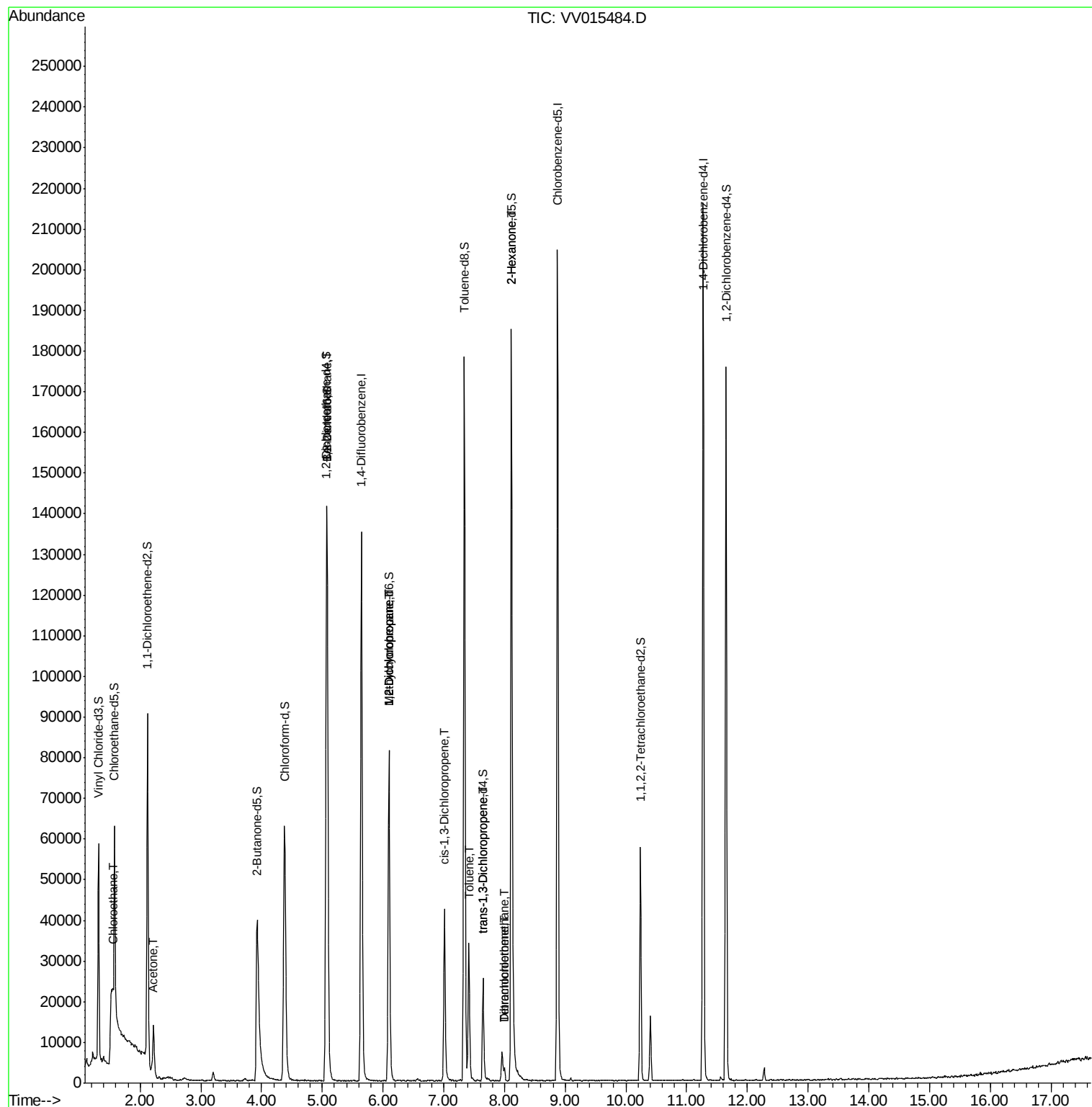
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.55	64	78187	13.511	ug/L #	52
13) Acetone	2.20	43	6592	5.825	ug/L #	58
27) 1,2-Dichloroethane	5.07	62	772	0.080	ug/L #	77
35) Methylcyclohexane	6.10	83	9072	0.641	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4455	0.576	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1229	0.103	ug/L #	80
42) Toluene	7.41	91	23565	0.696	ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	562	0.056	ug/L #	36
47) Tetrachloroethene	8.00	164	673	0.108	ug/L	81
48) 2-Hexanone	8.11	43	9933	2.798	ug/L #	77
49) Dibromochloromethane	8.00	129	692	0.111	ug/L #	10

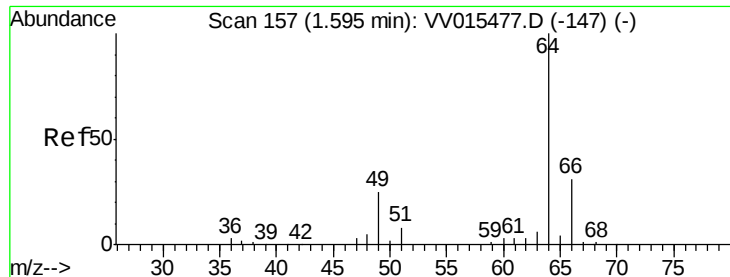
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 13.511 ug/L

RT: 1.55 min Scan# 142

Delta R.T. -0.05 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

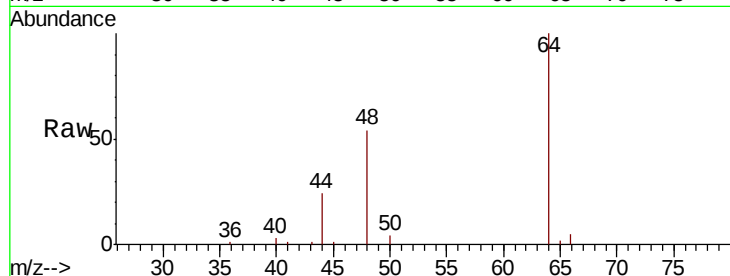
YQAQ2

Tot Ion: 64 Resp: 78187

Ion Ratio Lower Upper

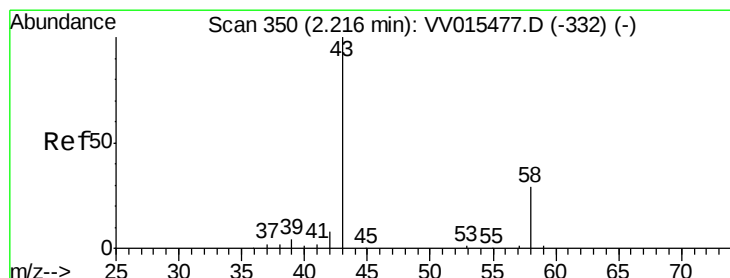
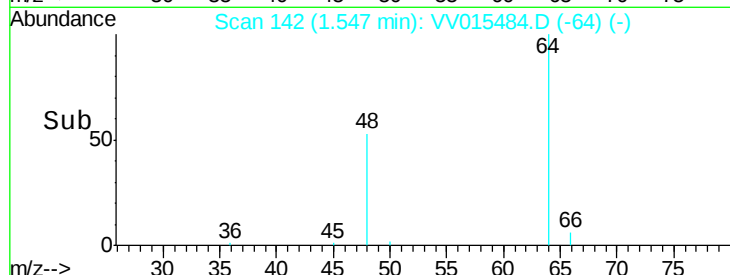
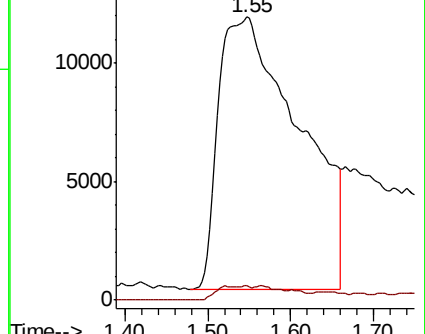
64 100

66 5.1 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 5.825 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV015484.D

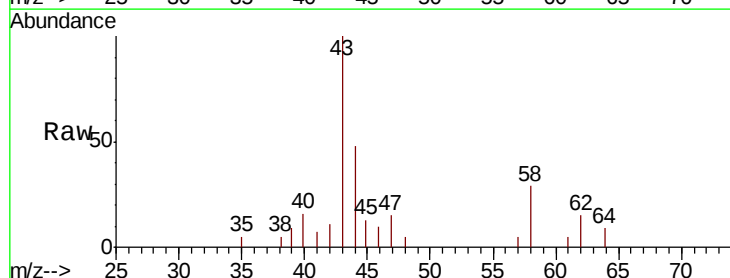
Acq: 15 Apr 2020 00:37

Tgt Ion: 43 Resp: 6592

Ion Ratio Lower Upper

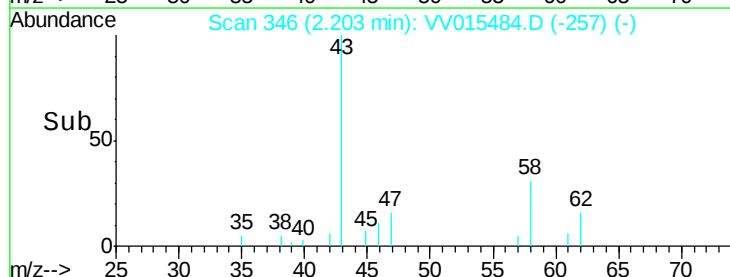
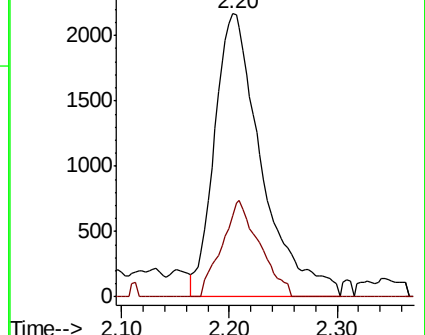
43 100

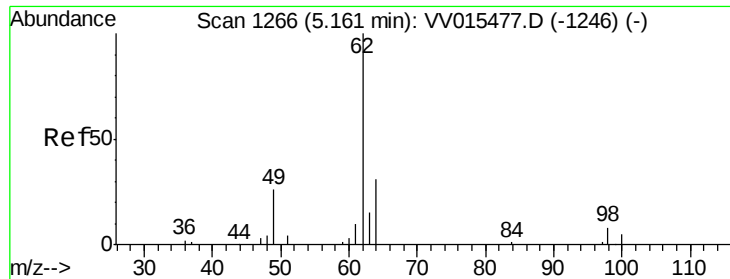
58 27.2 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

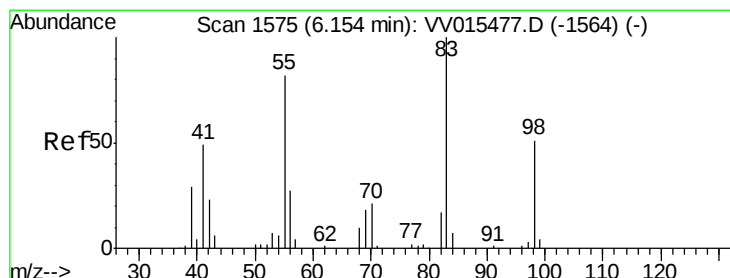
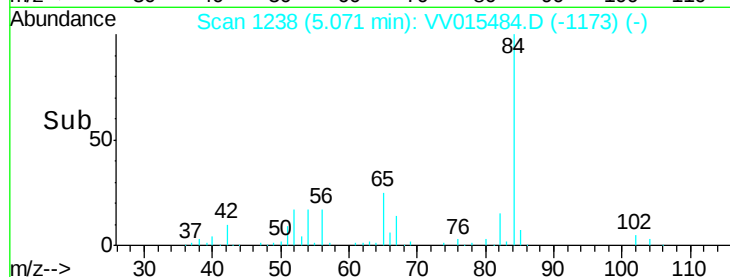
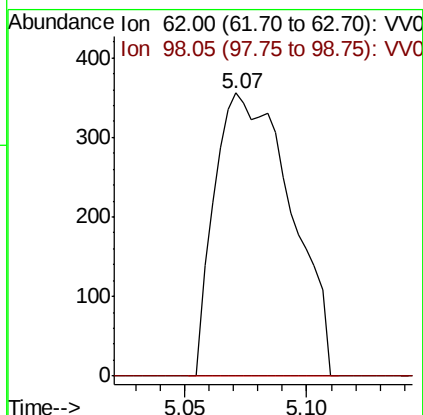
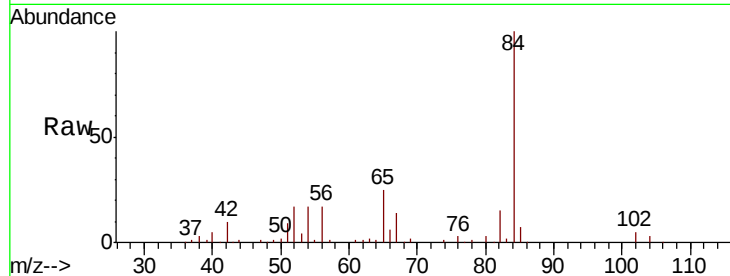




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: VV015484.D
 Acq: 15 Apr 2020 00:37

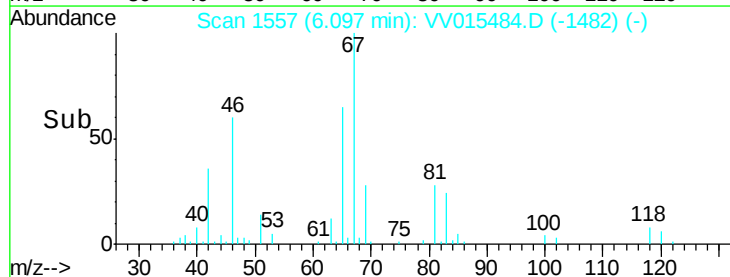
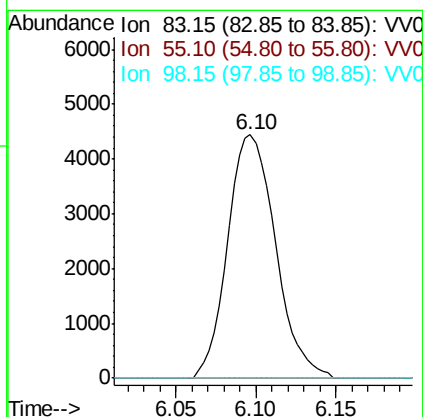
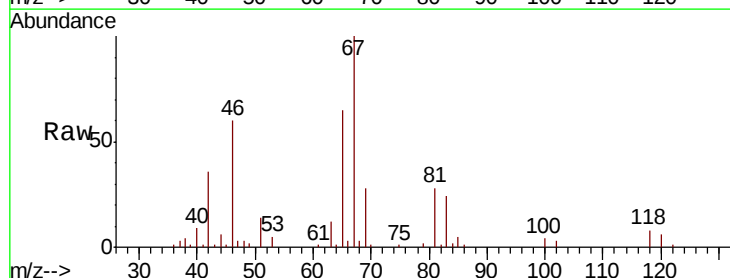
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQA2

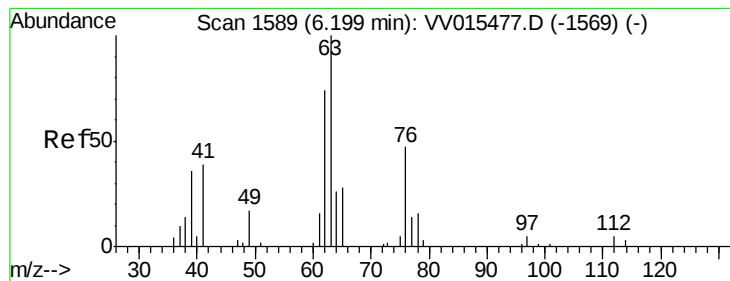
Tot Ion: 62 Resp: 772
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.641 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015484.D
 Acq: 15 Apr 2020 00:37

Tgt Ion: 83 Resp: 9072
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.0 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

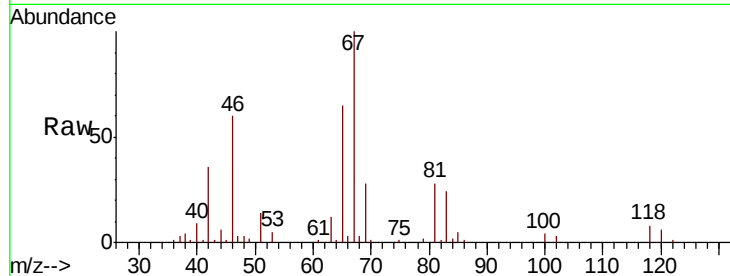
YAQA2

Tot Ion: 63 Resp: 4455

Ion Ratio Lower Upper

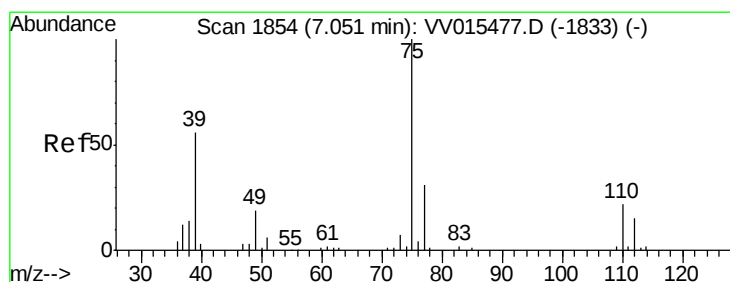
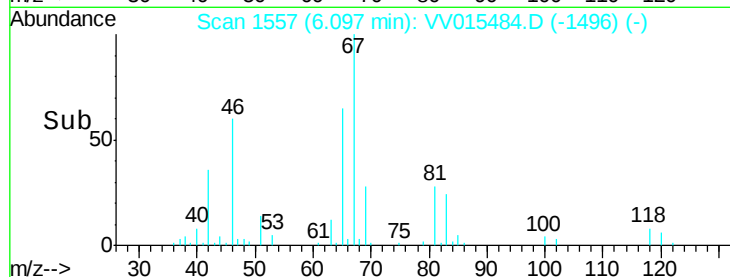
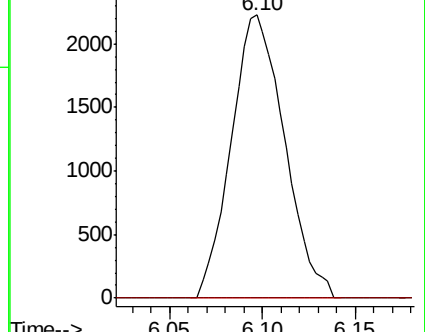
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015477.D (-1569) (-)

Ion 112.10 (111.80 to 112.80): VV015477.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015484.D

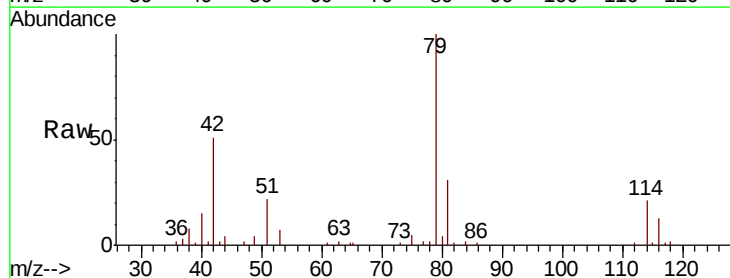
Acq: 15 Apr 2020 00:37

Tgt Ion: 75 Resp: 1229

Ion Ratio Lower Upper

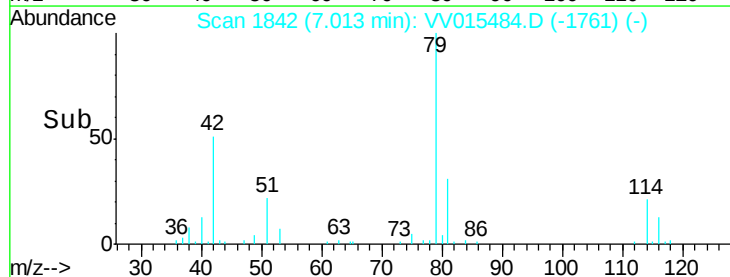
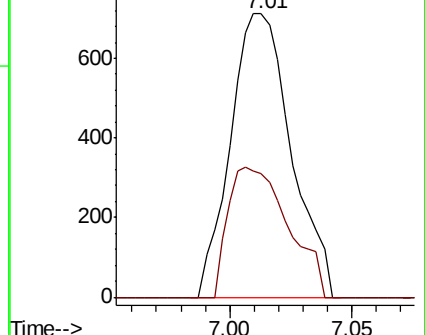
75 100

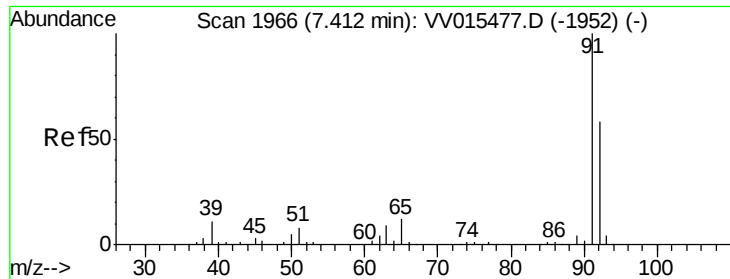
77 43.8 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV015477.D (-1833) (-)

Ion 77.05 (76.75 to 77.75): VV015477.D (-1833) (-)





#42

Toluene

Concen: 0.696 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

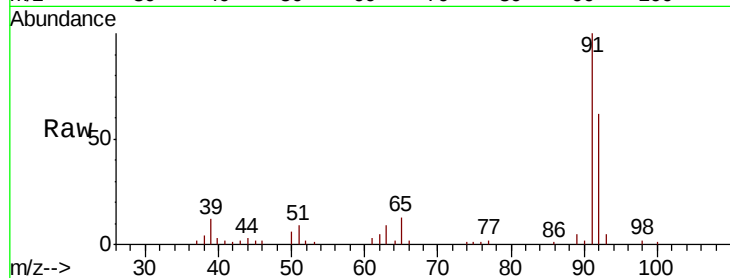
YQA2

Tot Ion: 91 Resp: 23565

Ion Ratio Lower Upper

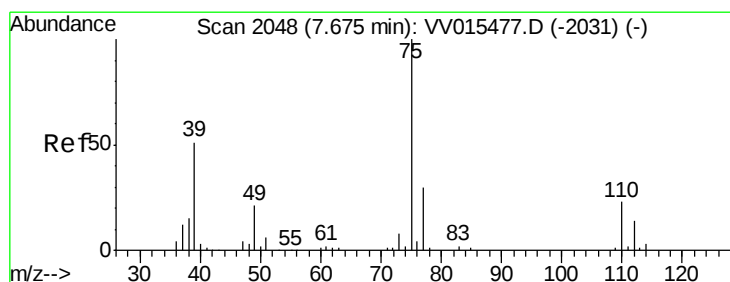
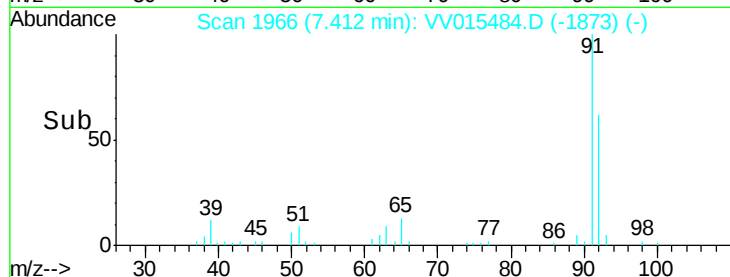
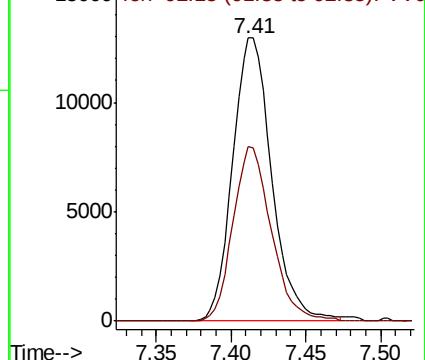
91 100

92 61.6 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015484.D

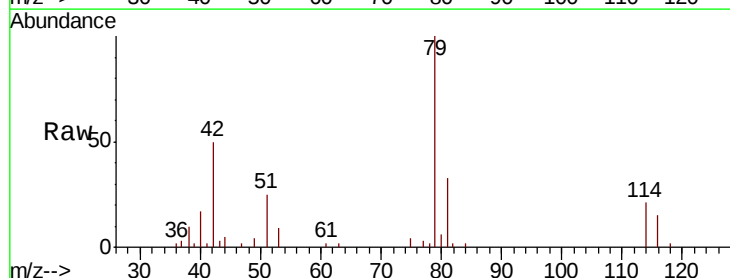
Acq: 15 Apr 2020 00:37

Tgt Ion: 75 Resp: 562

Ion Ratio Lower Upper

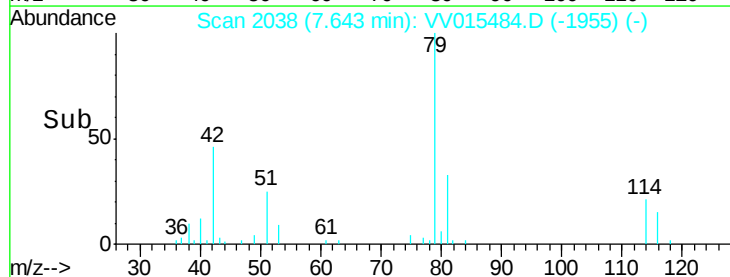
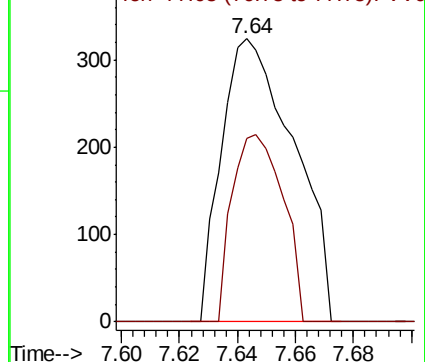
75 100

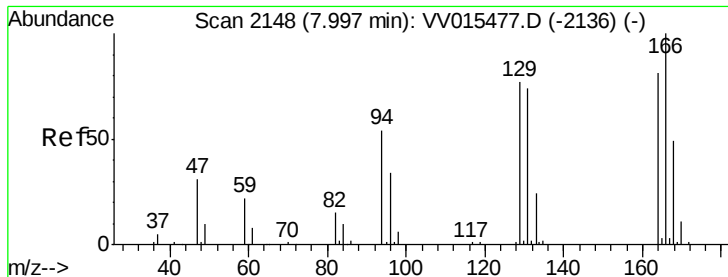
77 64.8 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#47

Tetrachloroethene

Concen: 0.108 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

YAQA2

Tot Ion:164 Resp: 673

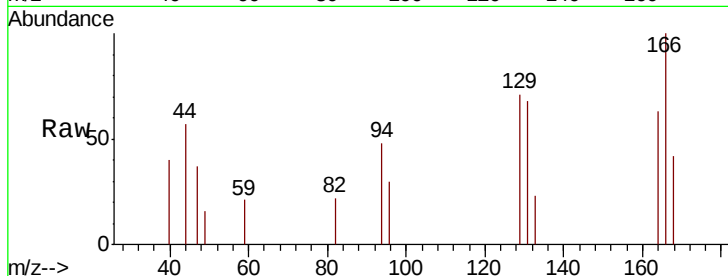
Ion Ratio Lower Upper

164 100

129 113.1 70.6 131.0

131 109.0 68.3 126.8

166 159.8 88.3 163.9

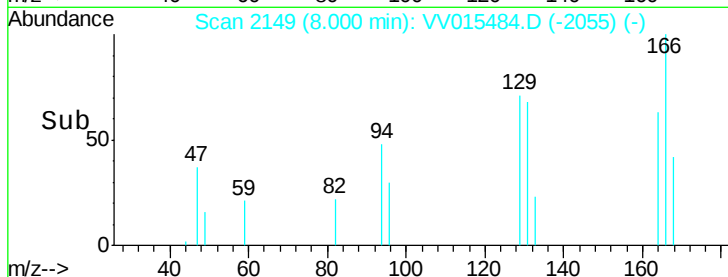
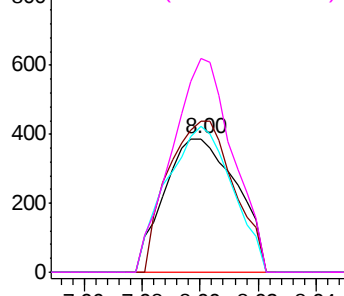


Abundance Ion 163.90 (163.60 to 164.60): V

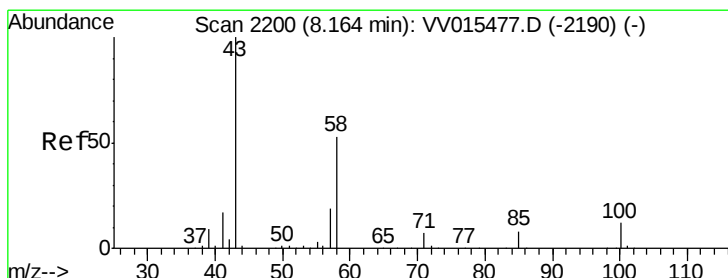
Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->



#48

2-Hexanone

Concen: 2.798 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Tgt Ion: 43 Resp: 9933

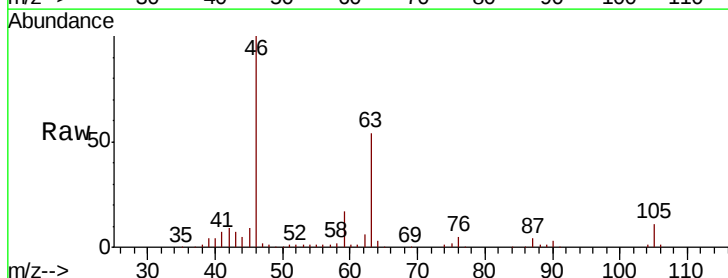
Ion Ratio Lower Upper

43 100

58 30.9 41.4 62.0#

57 19.1 15.0 22.4

100 0.0 9.4 14.2#

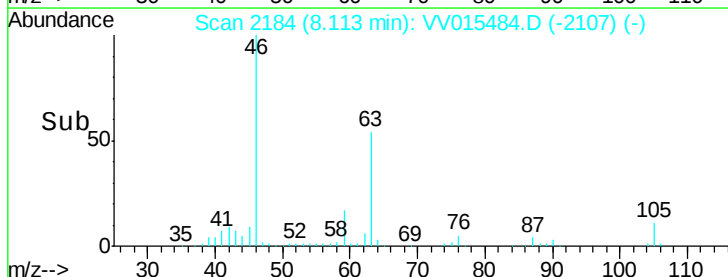
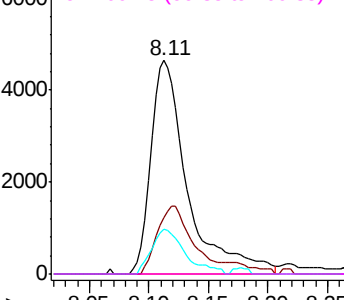


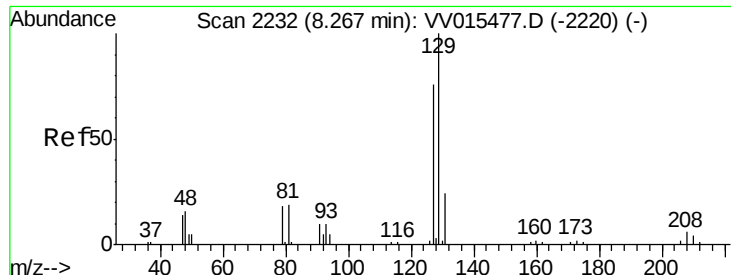
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.111 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV015484.D

Acq: 15 Apr 2020 00:37

Instrument :
MSVOA_V
ClientSampleId :
YAQA2

Tot Ion:129 Resp: 692

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

