

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015721.D
 Acq On : 27 Apr 2020 12:04
 Operator : SY/MD
 Sample : L2416-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:18:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135785	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25323	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.58	69	28537	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.12	63	43844	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.91	46	109262	47.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.90%
24) Chloroform-d	4.38	84	74417	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	43529	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.08	84	137266	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	45240	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.34	98	122669	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.65	79	16605	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.11	63	77351	40.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34059	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	48645	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

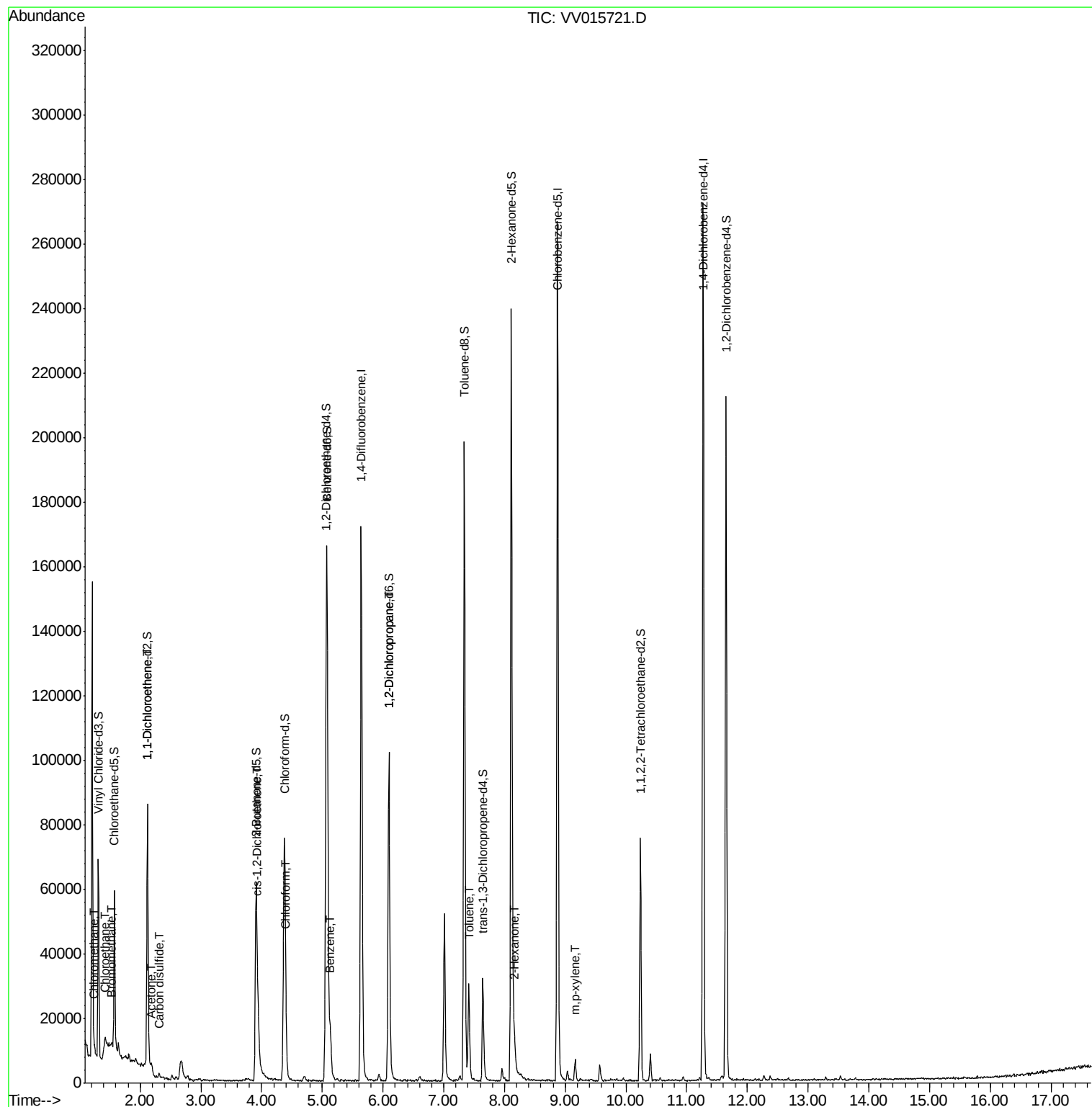
					Ovalue
3) Chloromethane	1.25	50	823	0.082	ug/L # 79
6) Bromomethane	1.53	94	527	0.114	ug/L 91
8) Chloroethane	1.43	64	7300	1.034	ug/L # 52
12) 1,1-Dichloroethene	2.12	96	685	0.087	ug/L # 1
13) Acetone	2.19	43	4184	2.645	ug/L 98
14) Carbon disulfide	2.31	76	1306	0.058	ug/L # 75
22) cis-1,2-Dichloroethene	3.94	96	1599	0.163	ug/L 93
25) Chloroform	4.41	83	2899	0.157	ug/L 99
33) Benzene	5.13	78	15533	0.411	ug/L 100
37) 1,2-Dichloropropane	6.09	63	5503	0.572	ug/L # 86
42) Toluene	7.41	91	21507	0.532	ug/L 95
48) 2-Hexanone	8.17	43	4568	1.027	ug/L # 85
53) m,p-xylene	9.17	106	1994	0.116	ug/L 80

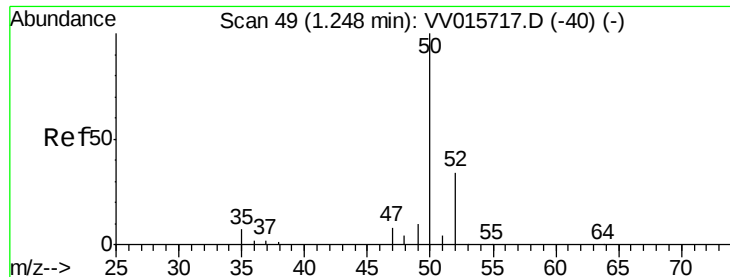
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

Instrument :

MSVOA_V

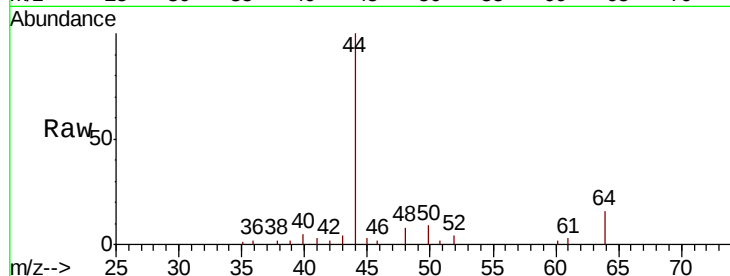
ClientSampleId :

Tot Ion: 50 Resp: 823

Ion Ratio Lower Upper

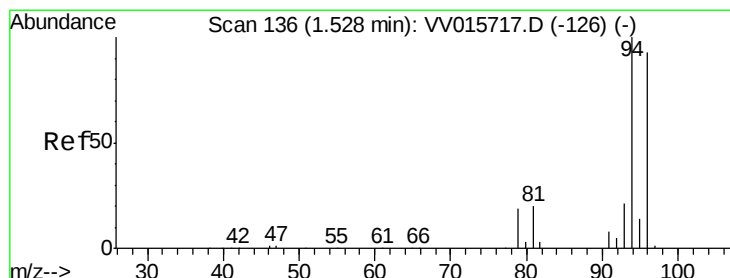
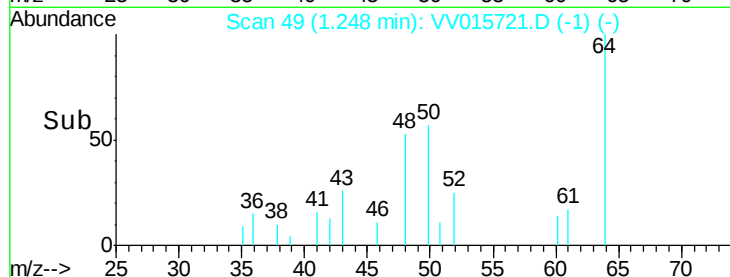
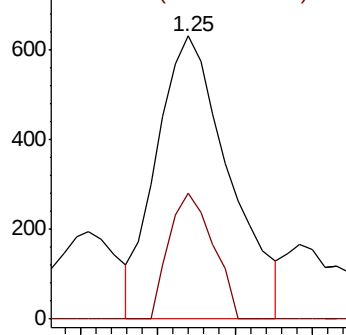
50 100

52 44.5 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.114 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV015721.D

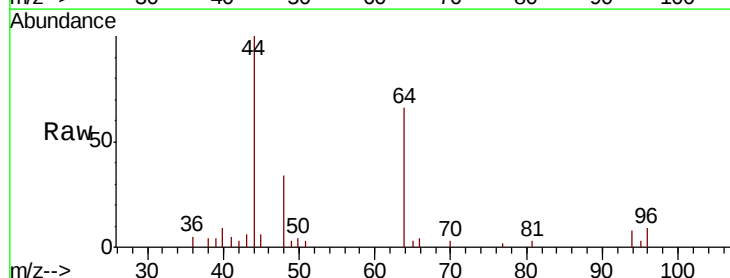
Acq: 27 Apr 2020 12:04

Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

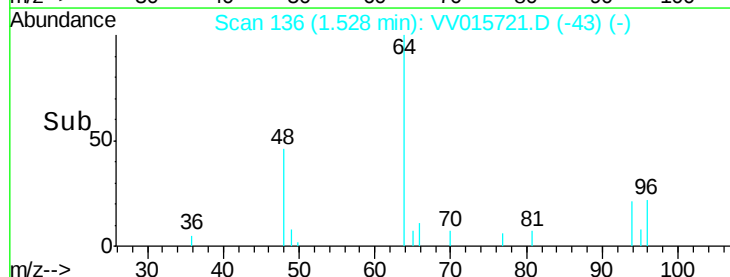
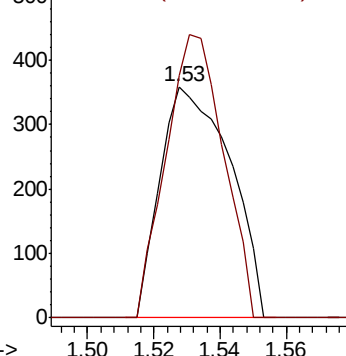
94 100

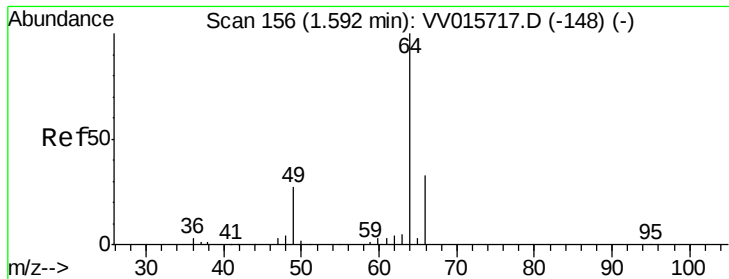
96 104.7 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 1.034 ug/L

RT: 1.43 min Scan# 106

Delta R.T. -0.16 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

Instrument :

MSVOA_V

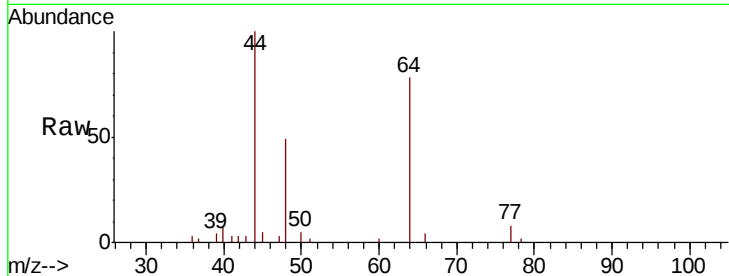
ClientSampleId :

Tot Ion: 64 Resp: 7300

Ion Ratio Lower Upper

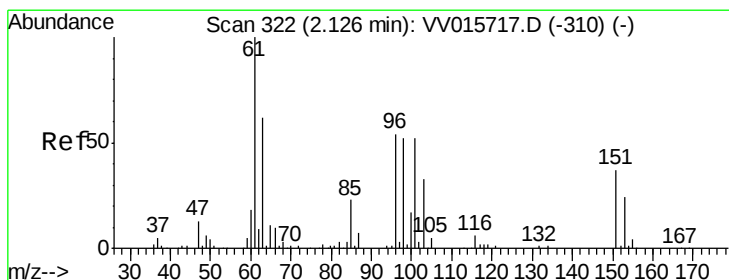
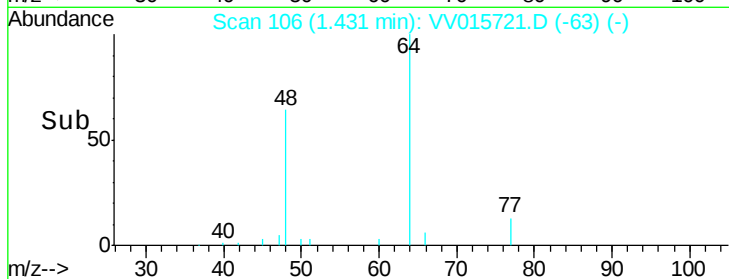
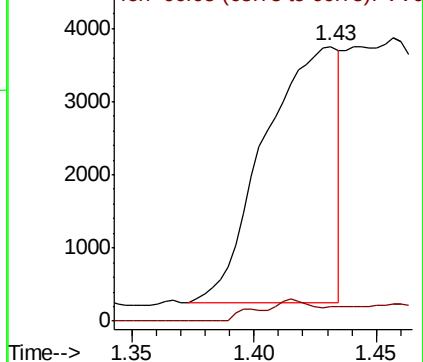
64 100

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



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

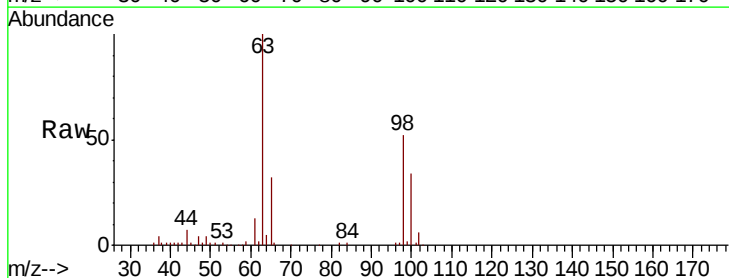
Tgt Ion: 96 Resp: 685

Ion Ratio Lower Upper

96 100

61 1123.0 130.1 241.7#

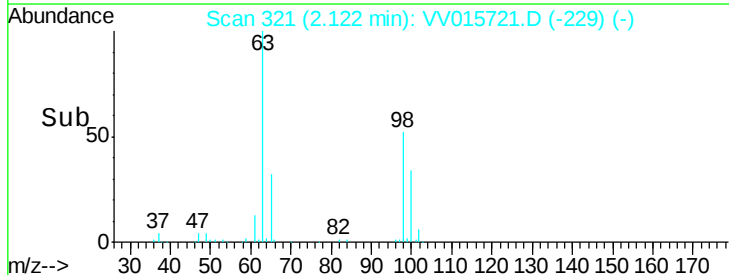
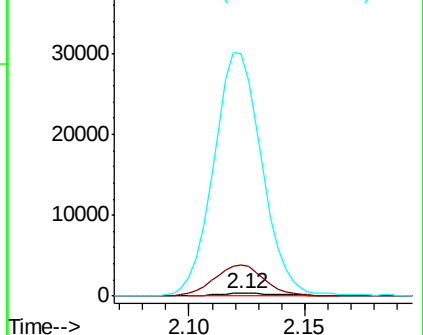
63 8636.8 91.4 169.8#

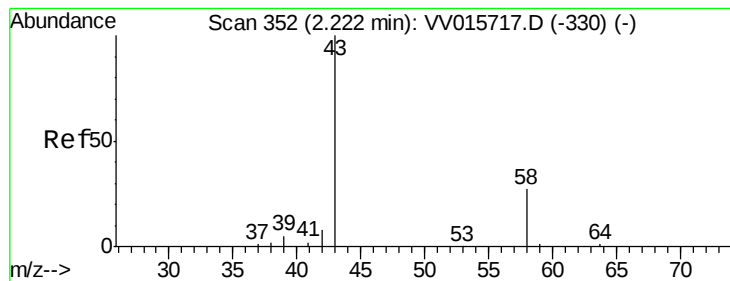


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.645 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

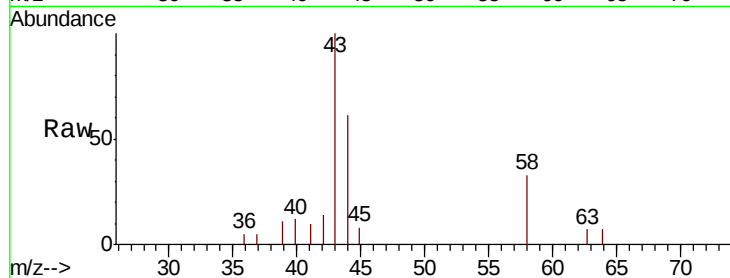
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4184

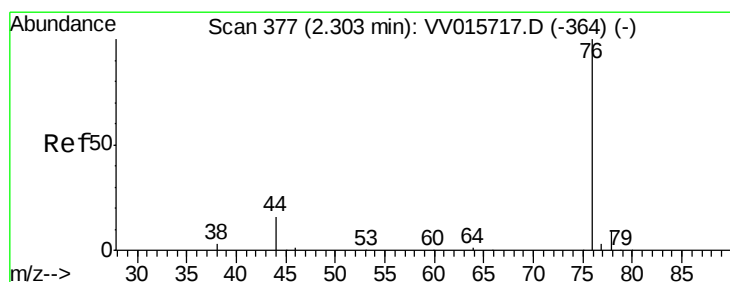
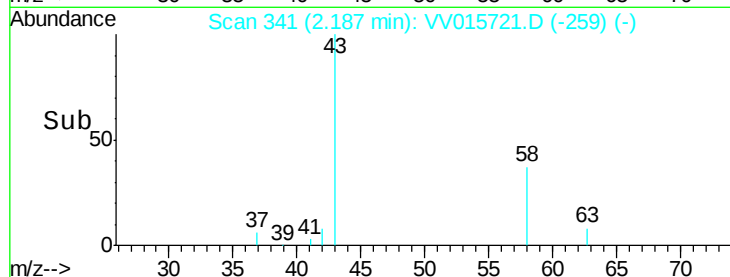
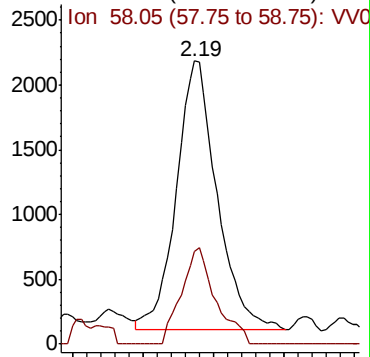
Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015721.D (-259) (-)



#14

Carbon disulfide

Concen: 0.058 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015721.D

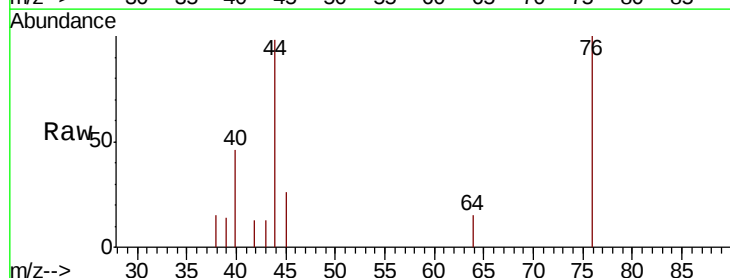
Acq: 27 Apr 2020 12:04

Tgt Ion: 76 Resp: 1306

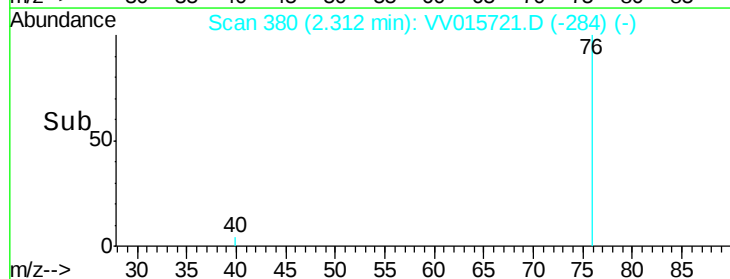
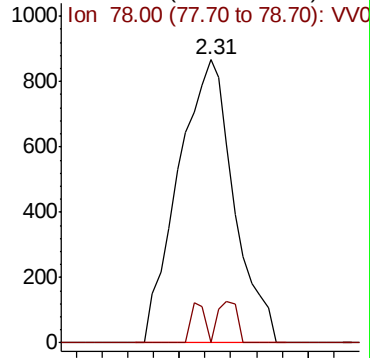
Ion Ratio Lower Upper

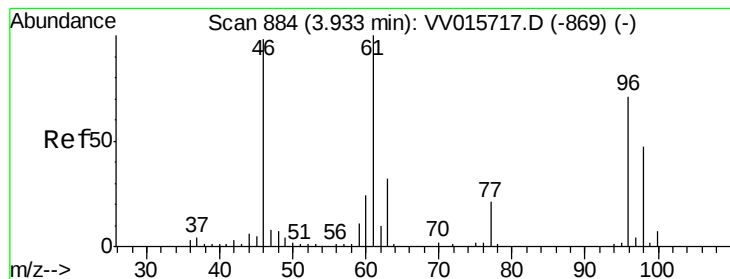
76 100

78 0.0 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV015721.D (-284) (-)



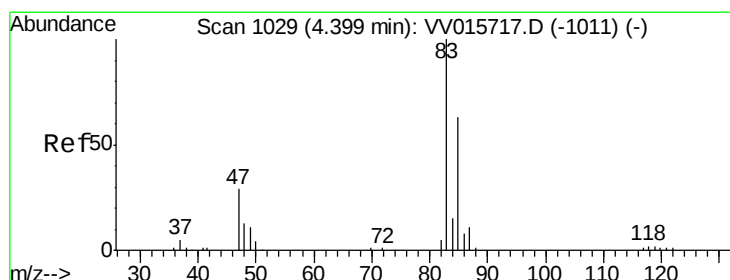
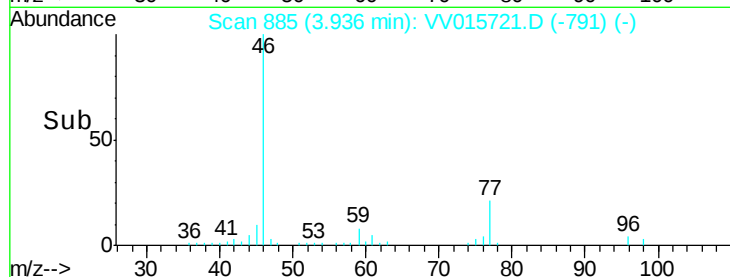
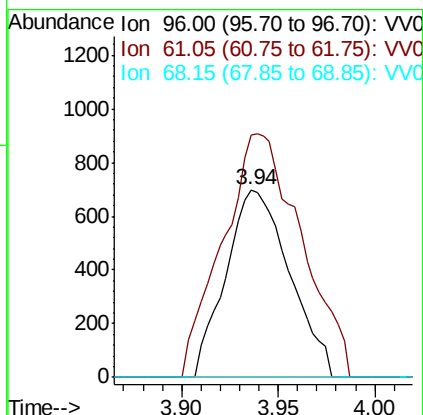
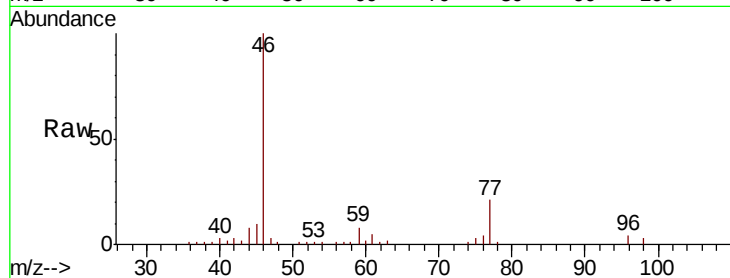


#22

cis-1,2-Dichloroethene
 Concen: 0.163 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV015721.D
 Acq: 27 Apr 2020 12:04

Instrument :
 MSVOA_V
 ClientSampled :

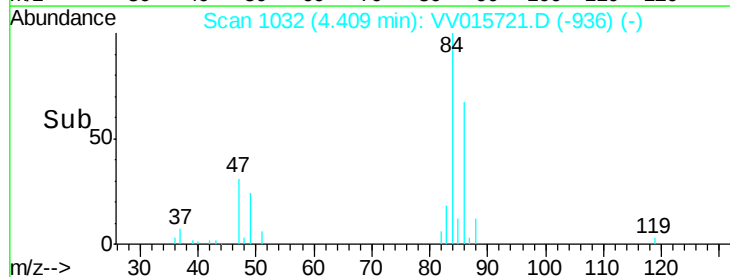
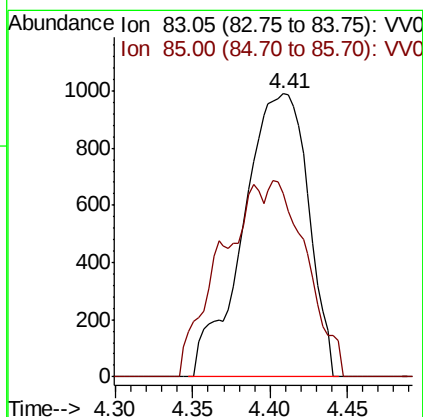
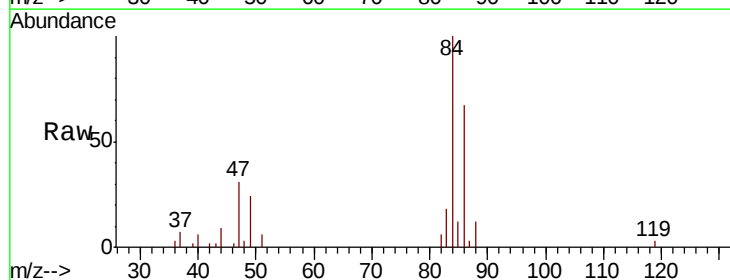
Tot Ion: 96 Resp: 1599
 Ion Ratio Lower Upper
 96 100
 61 129.5 96.4 179.0
 68 0.0 0.0 0.0

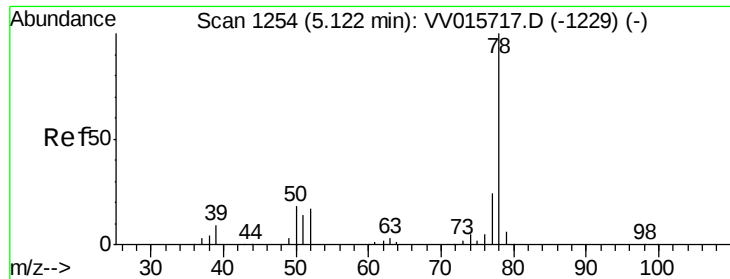


#25

Chloroform
 Concen: 0.157 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV015721.D
 Acq: 27 Apr 2020 12:04

Tgt Ion: 83 Resp: 2899
 Ion Ratio Lower Upper
 83 100
 85 64.6 46.1 85.5

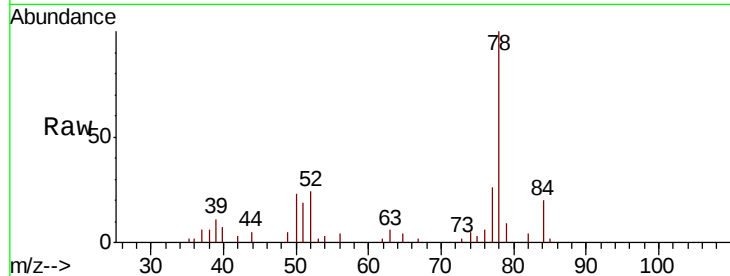




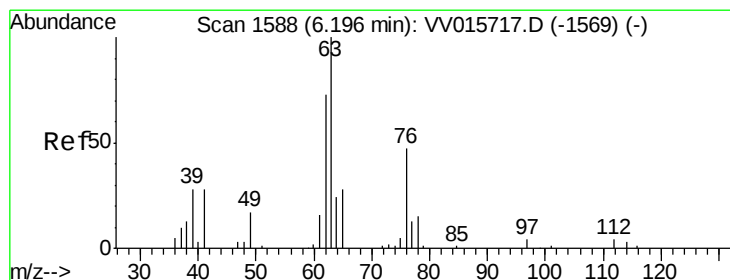
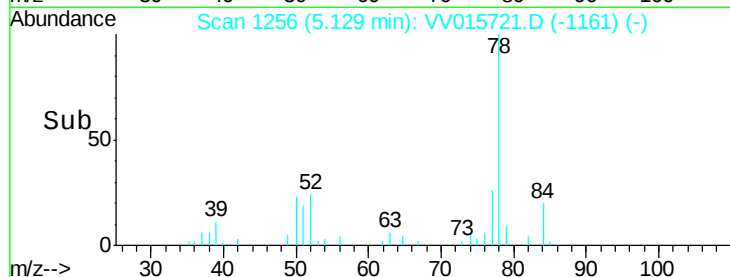
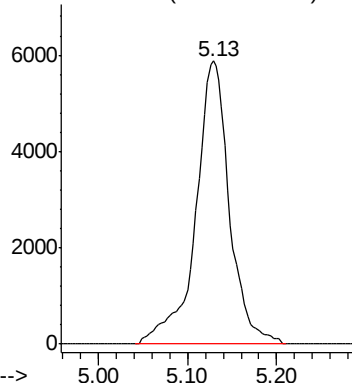
#33
Benzene
Concen: 0.411 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV015721.D
Acq: 27 Apr 2020 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 15533

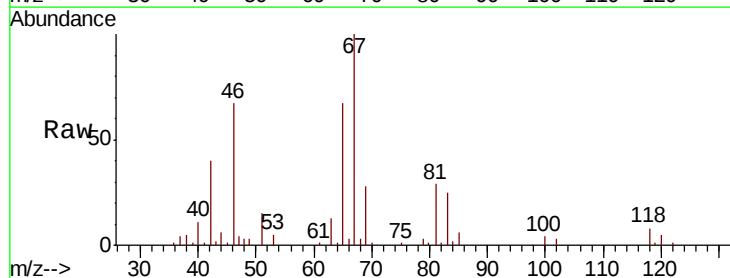


Abundance Ion 78.10 (77.80 to 78.80): VV0

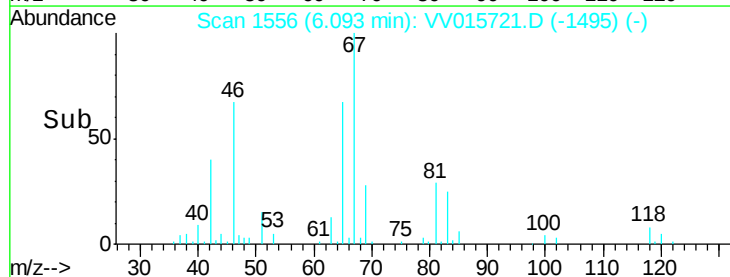
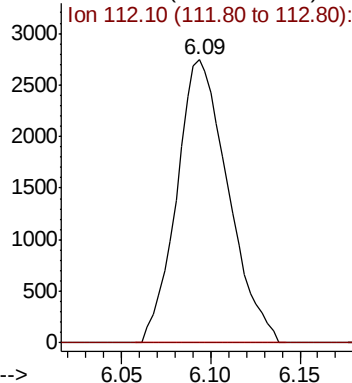


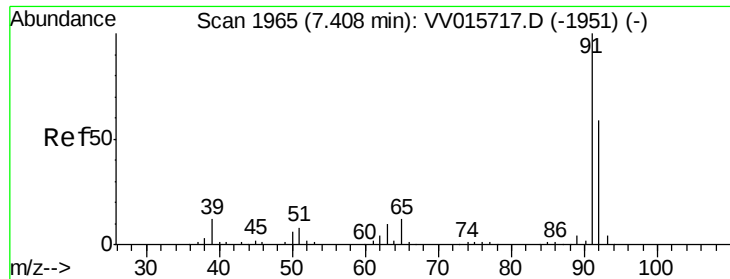
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015721.D
Acq: 27 Apr 2020 12:04

Tgt Ion: 63 Resp: 5503
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0





#42

Toluene

Concen: 0.532 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

Instrument :

MSVOA_V

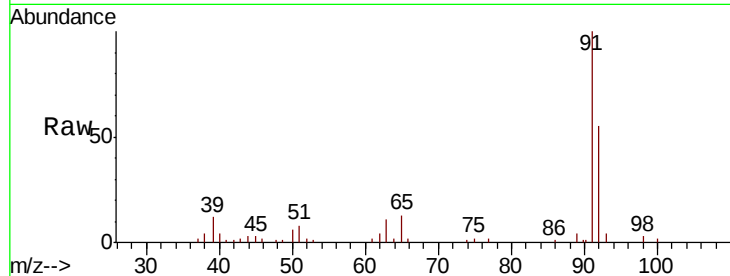
ClientSampleId :

Tot Ion: 91 Resp: 21507

Ion Ratio Lower Upper

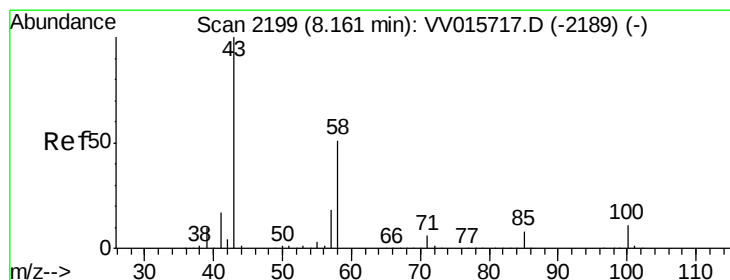
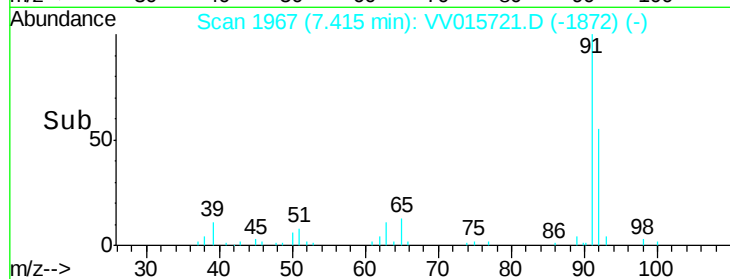
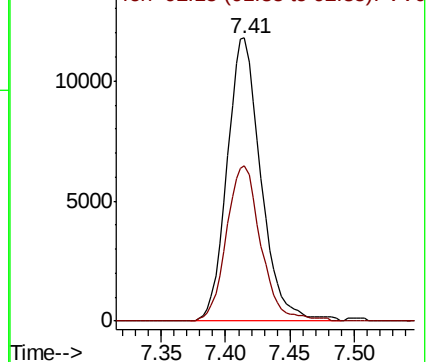
91 100

92 54.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 1.027 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

Tgt Ion: 43 Resp: 4568

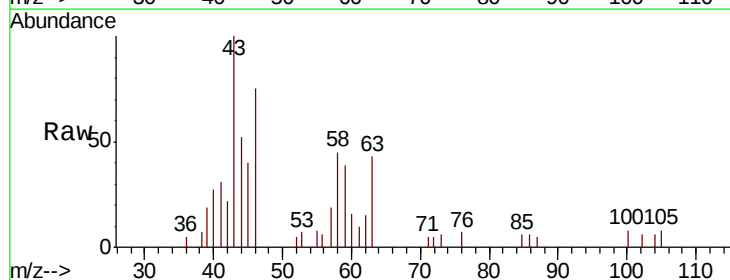
Ion Ratio Lower Upper

43 100

58 45.7 41.1 61.7

57 2.3 15.0 22.4#

100 8.0 9.0 13.4#

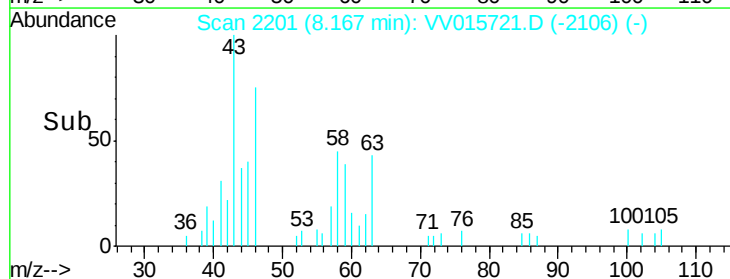
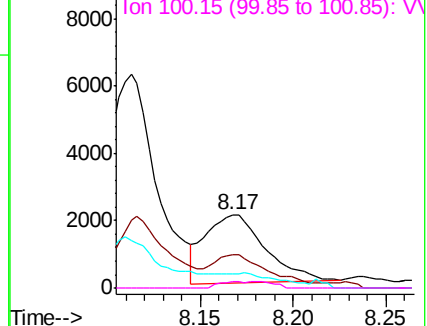


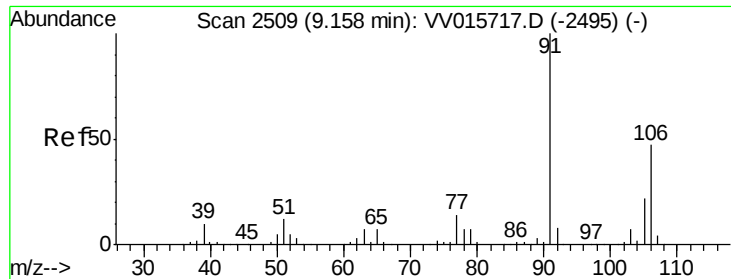
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#53

m,p-xylene

Concen: 0.116 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 1994

Ion Ratio Lower Upper

106 100

91 179.7 147.8 274.4

