

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007573.D
 Acq On : 15 Sep 2018 18:53
 Operator : SY/MD
 Sample : J4888-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KT1

Quant Time: Sep 17 01:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 01:45:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113043	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25227	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	24466	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	49319	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.97	46	47499	57.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.34%
24) Chloroform-d	4.41	84	60708	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	30571	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	118637	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.13	67	35704	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	119187	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	14223	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.15	63	20524	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22356	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51435	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

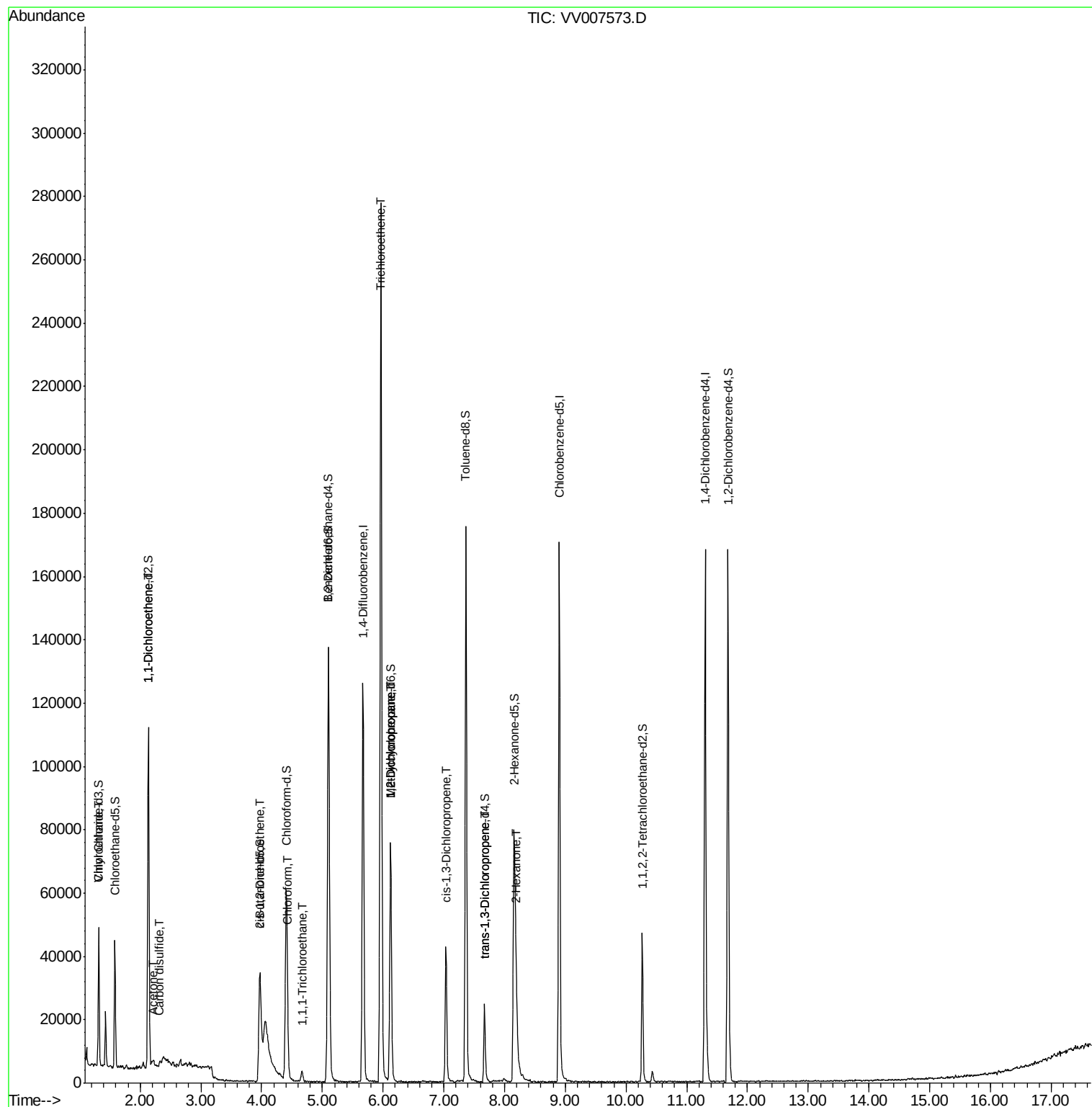
					Qvalue
8) Chloroethane	1.32	64	355	0.098 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	7420	1.293 ug/L #	1
13) Acetone	2.21	43	2888	5.369 ug/L	71
14) Carbon disulfide	2.32	76	1667	0.099 ug/L #	69
22) cis-1,2-Dichloroethene	3.97	96	9422	1.531 ug/L	90
25) Chloroform	4.43	83	2627	0.253 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	2887	0.295 ug/L	98
34) Trichloroethene	5.96	95	89918	14.097 ug/L	98
35) Methylcyclohexane	6.13	83	8593	0.872 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	4173	0.814 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1229	0.151 ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	680	0.101 ug/L #	69
48) 2-Hexanone	8.20	43	14048	6.539 ug/L #	78

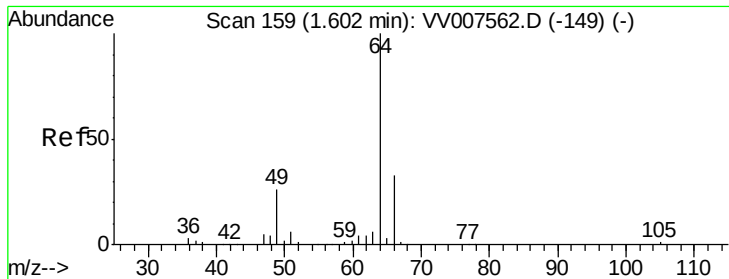
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 01:45:59 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

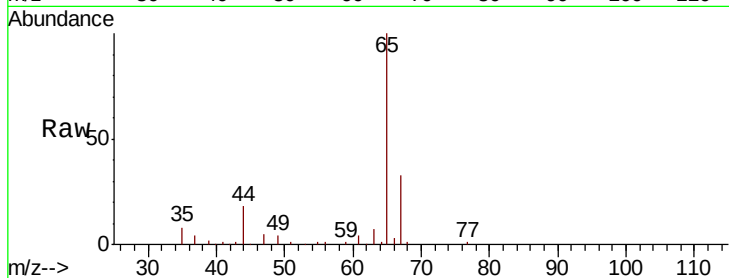
C0KT1

Tgt Ion: 64 Resp: 355

Ion Ratio Lower Upper

64 100

66 207.7 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV007562.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV007562.D (-149) (-)

800

600

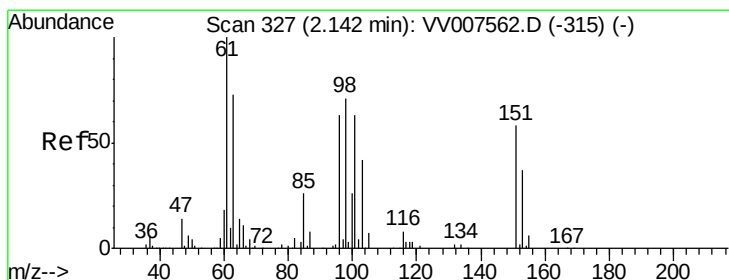
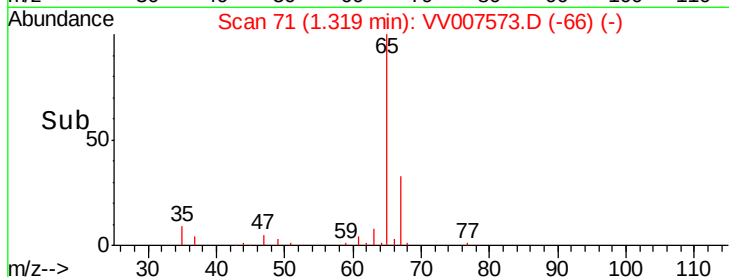
400

200

0

1.30 1.32 1.34

Time-->



#12

1,1-Dichloroethene

Concen: 1.293 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

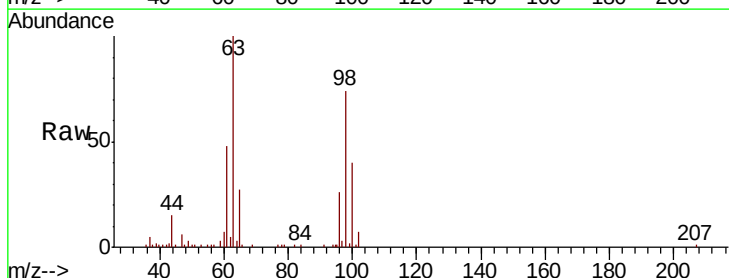
Tgt Ion: 96 Resp: 7420

Ion Ratio Lower Upper

96 100

61 188.5 114.8 213.2

63 390.3 81.8 151.8#



Abundance Ion 96.00 (95.70 to 96.70): VV007562.D (-315) (-)

Ion 61.05 (60.75 to 61.75): VV007562.D (-315) (-)

Ion 63.00 (62.70 to 63.70): VV007562.D (-315) (-)

40000

30000

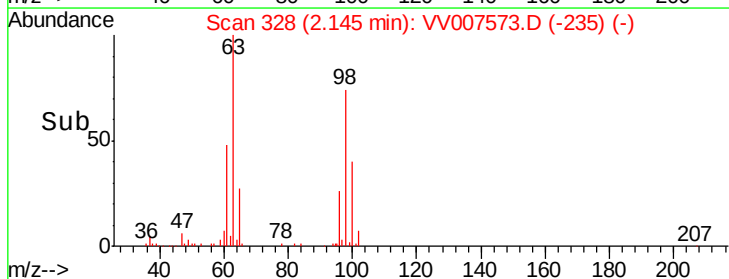
20000

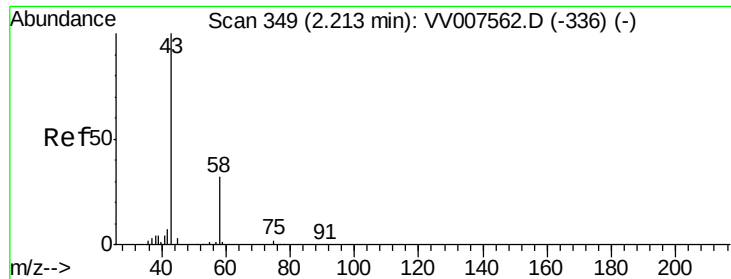
10000

0

2.10 2.15 2.20

Time-->





#13

Acetone

Concen: 5.369 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

Instrument :

MSVOA_W

ClientSampled :

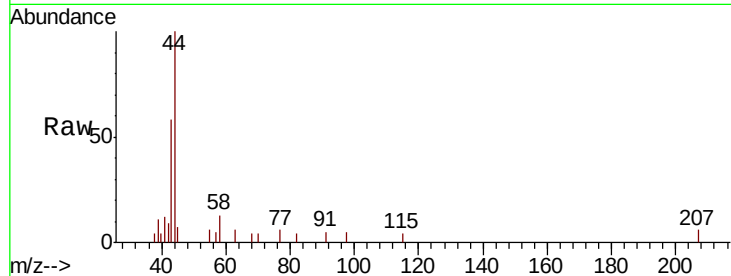
C0KT1

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

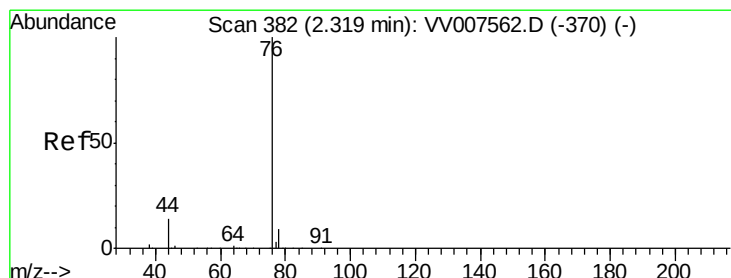
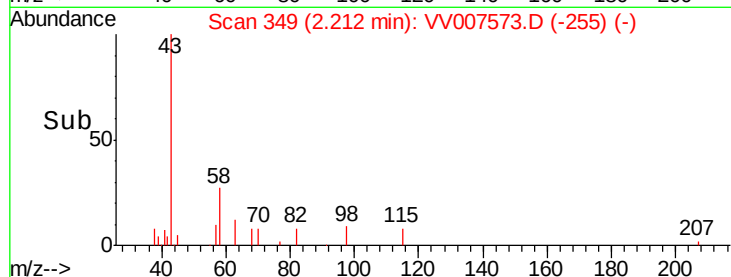
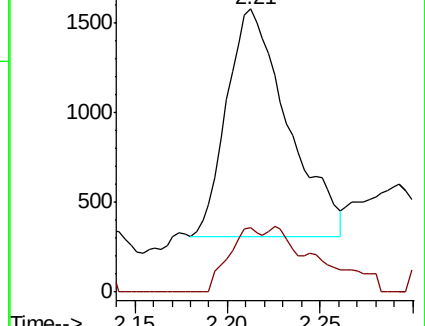
43 100

58 15.7 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007562.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007562.D (-336) (-)



#14

Carbon disulfide

Concen: 0.099 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV007573.D

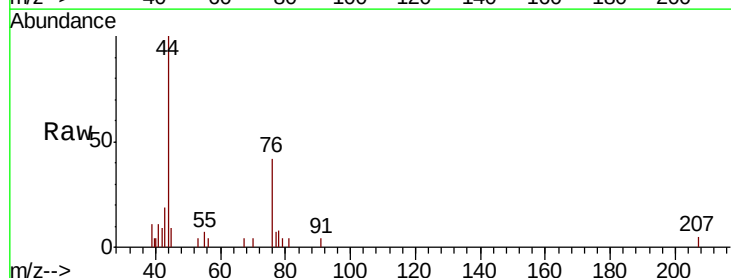
Acq: 15 Sep 2018 18:53

Tgt Ion: 76 Resp: 1667

Ion Ratio Lower Upper

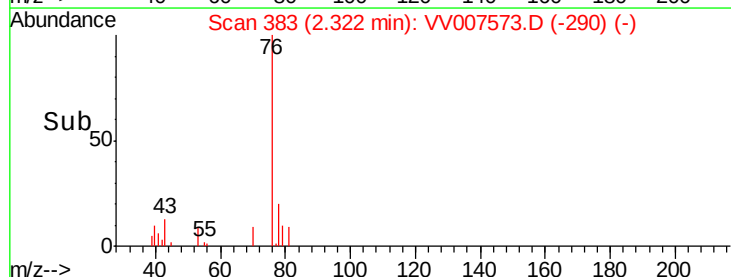
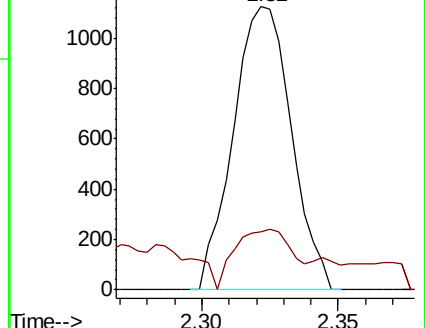
76 100

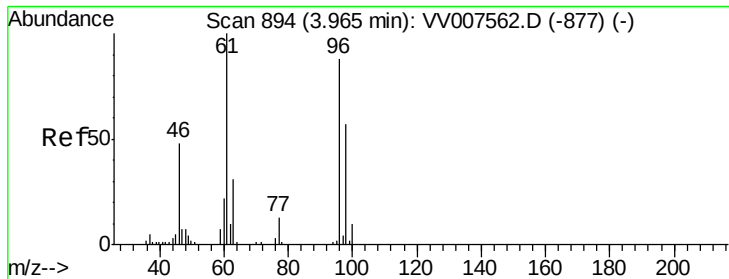
78 20.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV007562.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV007562.D (-370) (-)



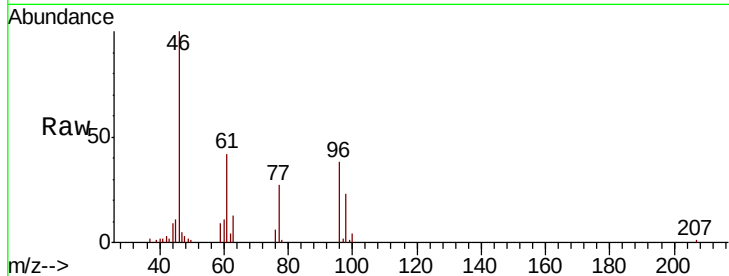


#22

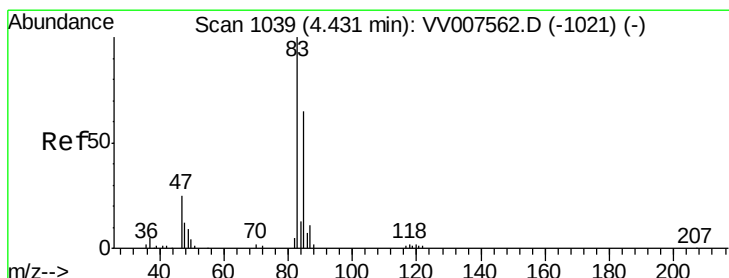
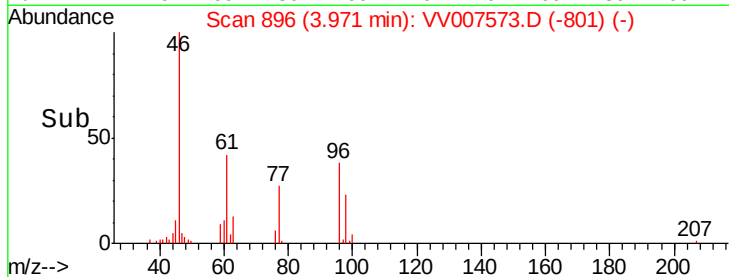
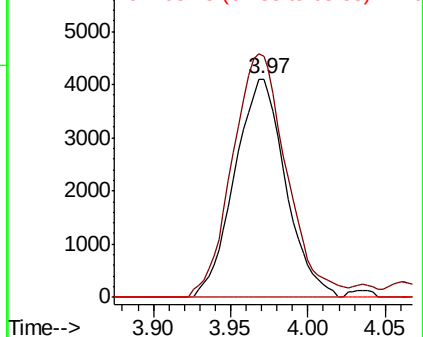
cis-1,2-Dichloroethene
 Concen: 1.531 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KT1

Tgt Ion: 96 Resp: 9422
 Ion Ratio Lower Upper
 96 100
 61 110.3 85.3 158.5
 68 0.0 0.0 0.0



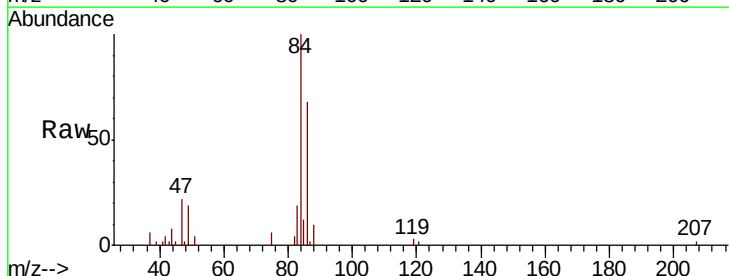
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



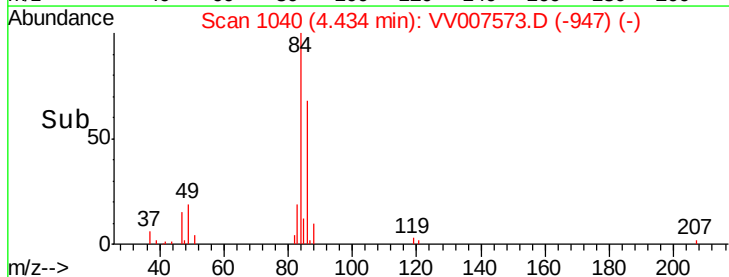
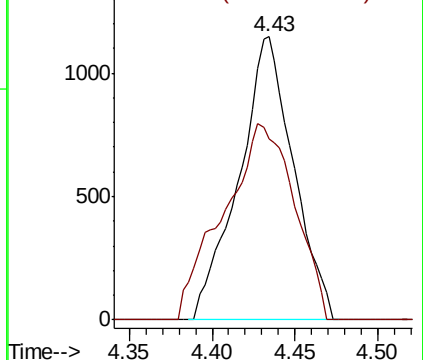
#25

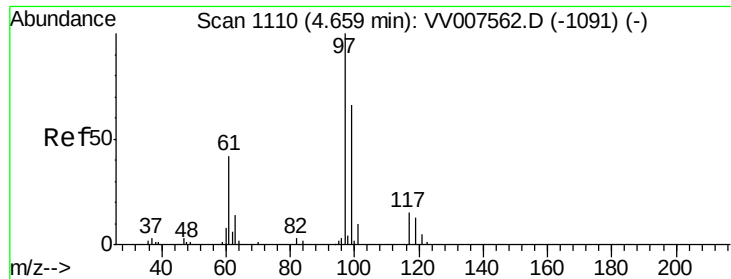
Chloroform
 Concen: 0.253 ug/L
 RT: 4.43 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Tgt Ion: 83 Resp: 2627
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

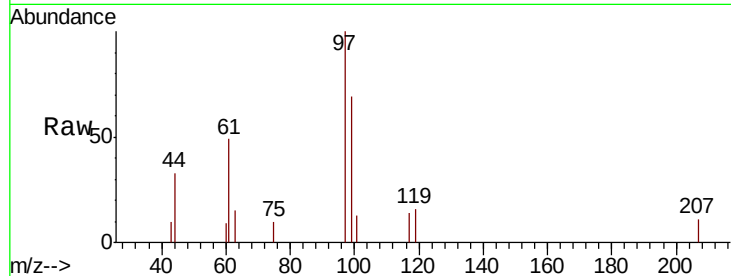




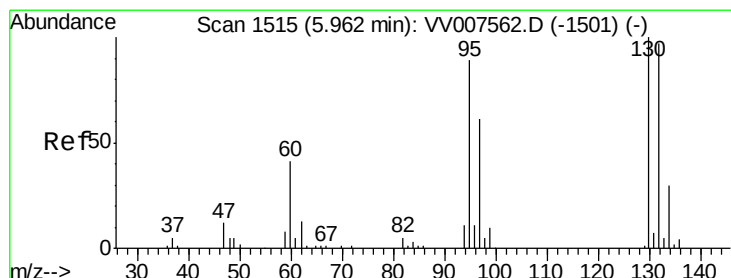
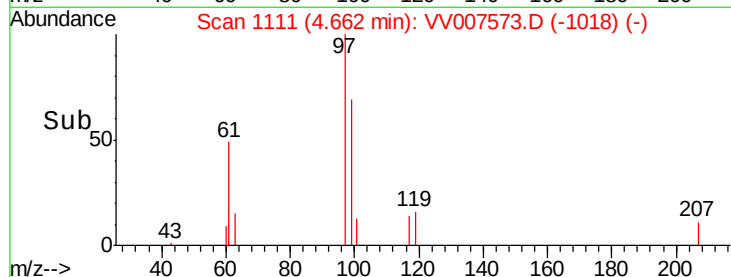
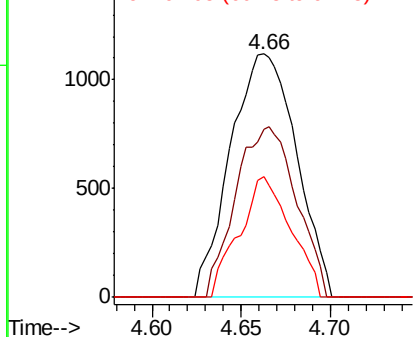
#29
 1,1,1-Trichloroethane
 Concen: 0.295 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KT1

Tgt Ion: 97 Resp: 2887
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.7 76.1
 61 38.7 32.5 48.7

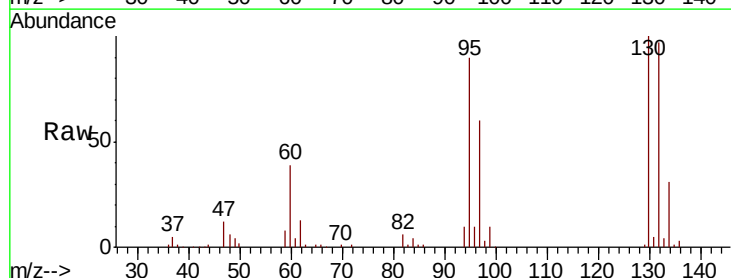


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

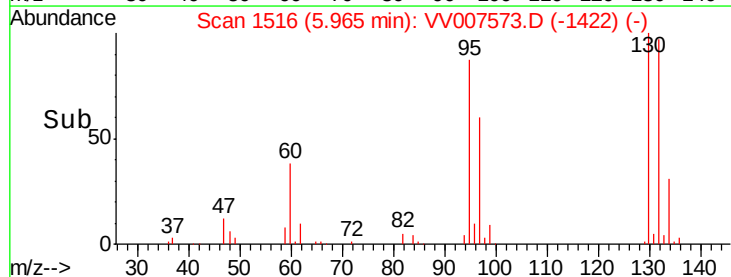
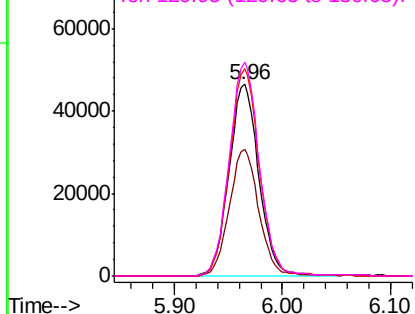


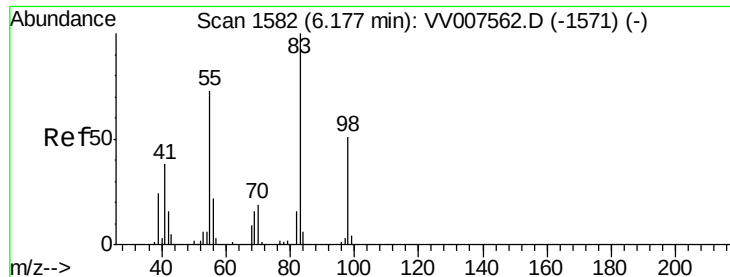
#34
 Trichloroethene
 Concen: 14.097 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Tgt Ion: 95 Resp: 89918
 Ion Ratio Lower Upper
 95 100
 97 66.5 45.5 84.5
 132 108.3 74.9 139.1
 130 111.6 80.0 148.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

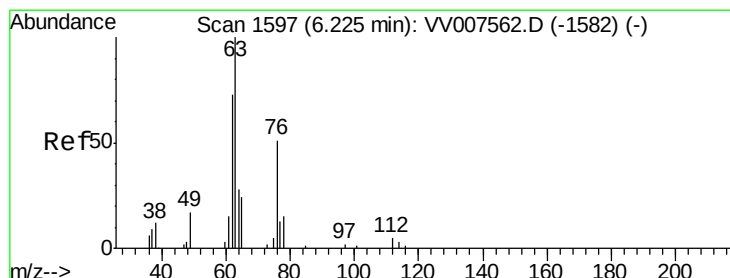
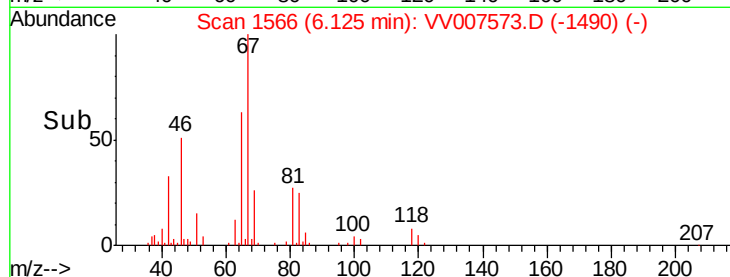
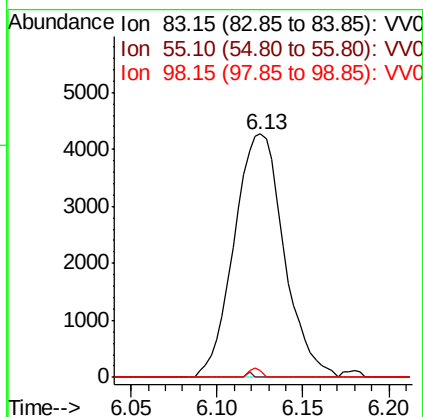
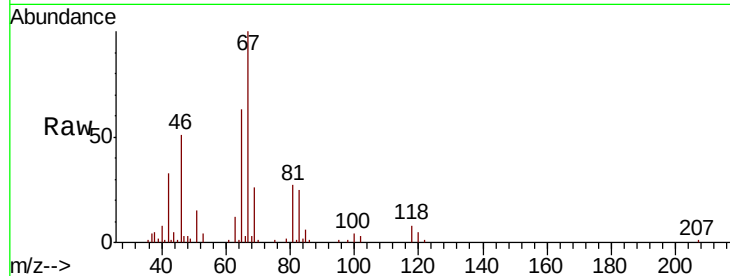




#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007573.D
Acq: 15 Sep 2018 18:53

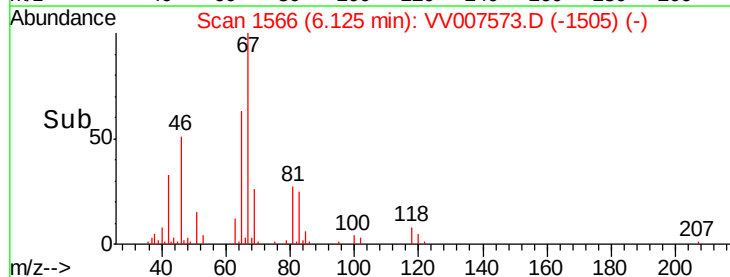
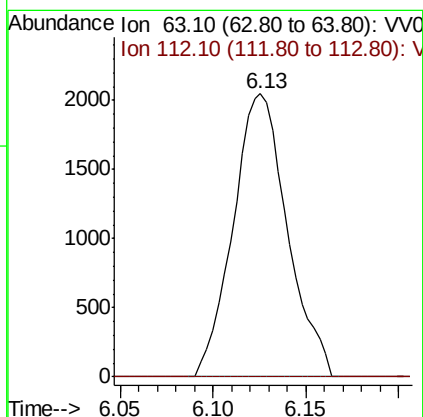
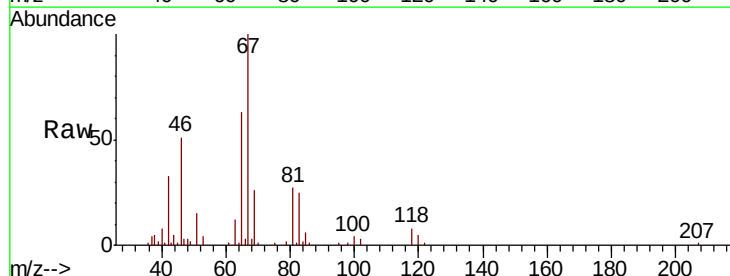
Instrument :
MSVOA_W
ClientSampled :
C0KT1

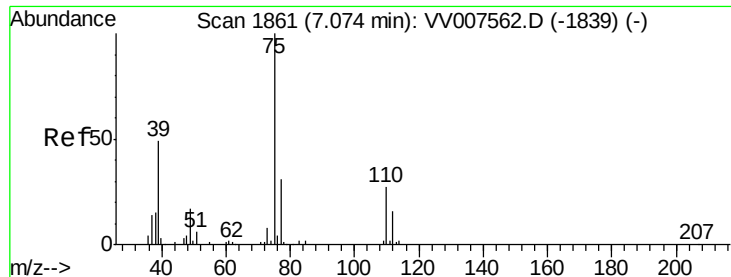
Tgt Ion: 83 Resp: 8593
Ion Ratio Lower Upper
83 100
55 0.2 55.0 82.4#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.814 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007573.D
Acq: 15 Sep 2018 18:53

Tgt Ion: 63 Resp: 4173
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

Instrument :

MSVOA_W

ClientSampled :

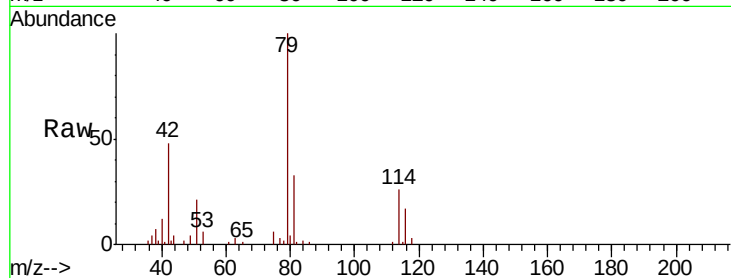
C0KT1

Tgt Ion: 75 Resp: 1229

Ion Ratio Lower Upper

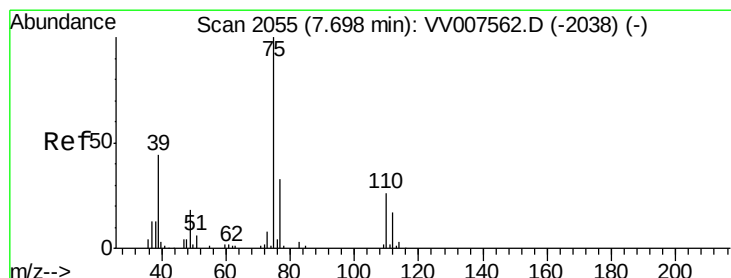
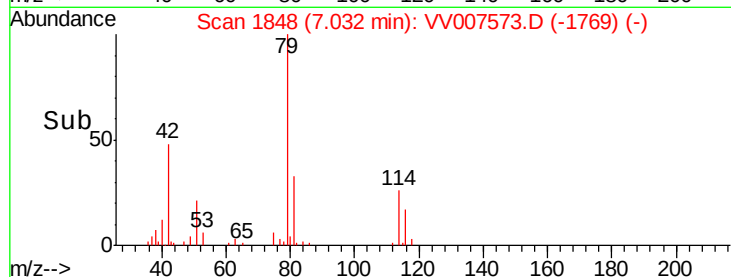
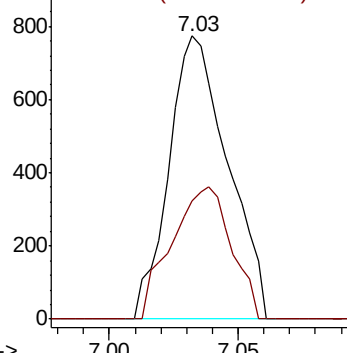
75 100

77 41.9 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007573.D

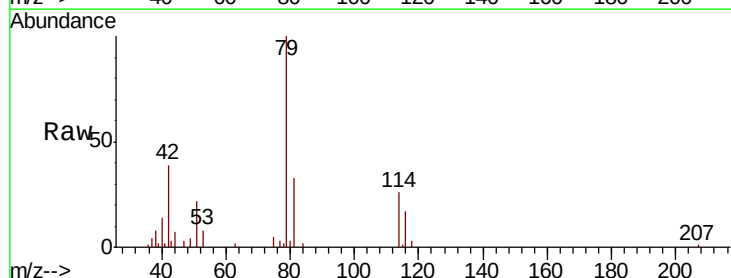
Acq: 15 Sep 2018 18:53

Tgt Ion: 75 Resp: 680

Ion Ratio Lower Upper

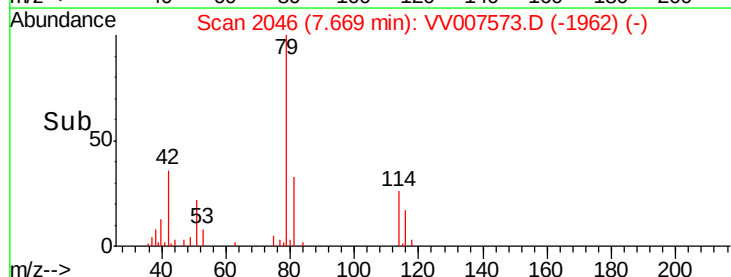
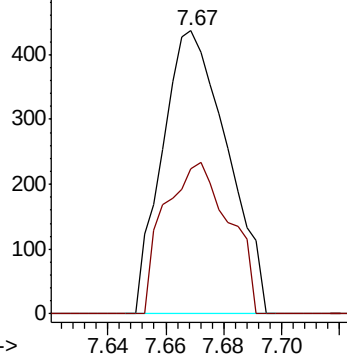
75 100

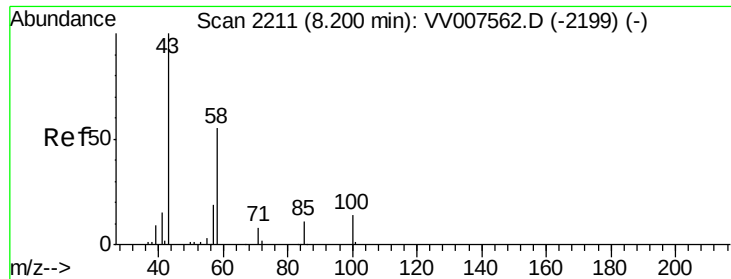
77 51.0 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 6.539 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KT1

Tgt Ion: 43 Resp: 14048
 Ion Ratio Lower Upper
 43 100
 58 39.8 49.8 74.6#
 57 24.2 18.2 27.4
 100 3.6 11.0 16.4#

