

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
 Data File : VV007583.D
 Acq On : 17 Sep 2018 11:44
 Operator : SY/MD
 Sample : J4888-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW2

Quant Time: Sep 17 12:17:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 12:17:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114225	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102467	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24818	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	23514	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	44426	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.97	46	40836	49.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.41	84	57794	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	29806	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	115185	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	34283	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	116362	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	12037	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.15	63	20849	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22284	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	48000	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

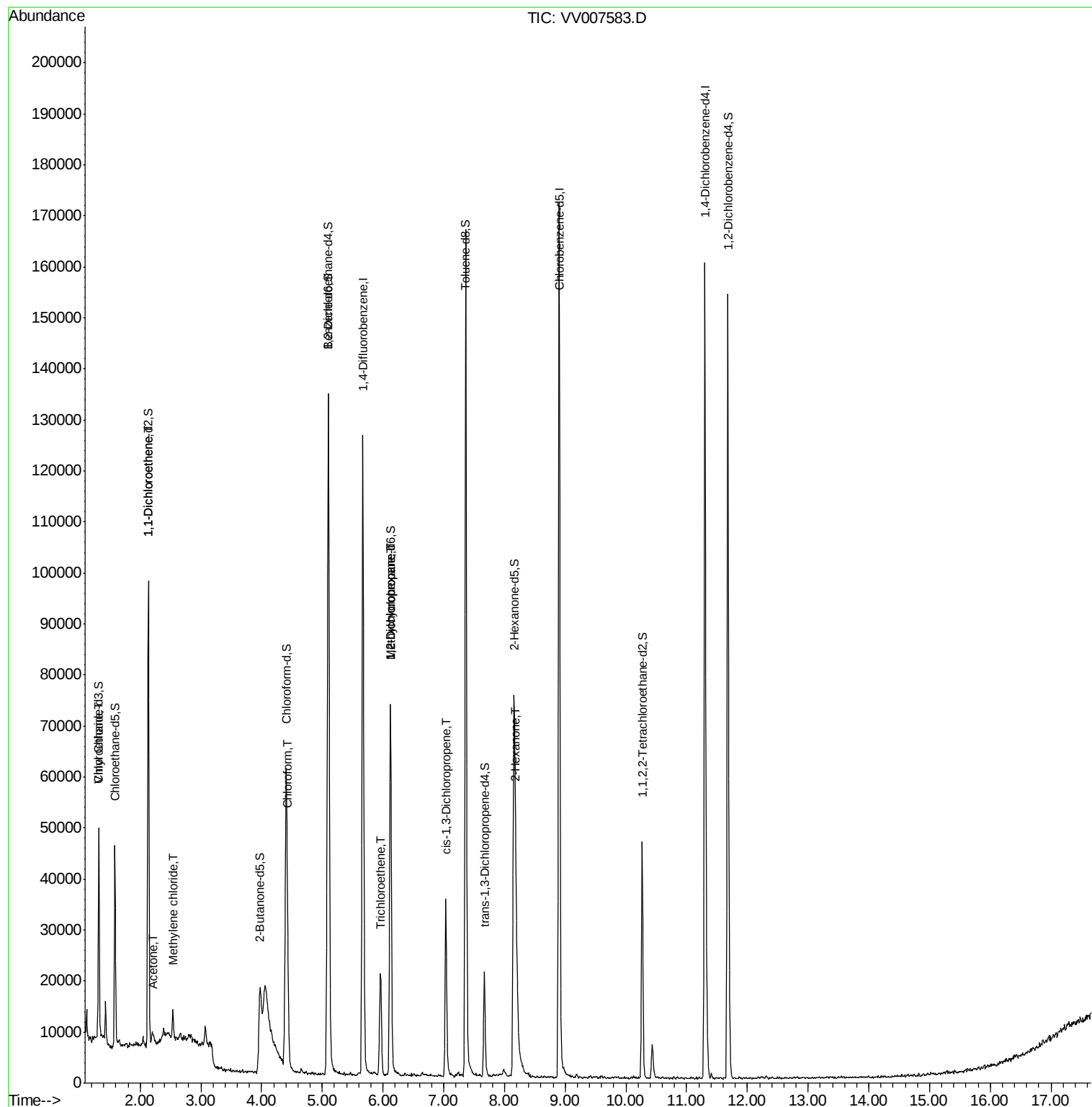
					Qvalue
8) Chloroethane	1.32	64	382	0.104 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	746	0.129 ug/L #	1
13) Acetone	2.21	43	2626	4.831 ug/L	88
16) Methylene chloride	2.54	84	2344	0.374 ug/L	97
25) Chloroform	4.43	83	9776	0.930 ug/L	98
34) Trichloroethene	5.96	95	4611	0.711 ug/L	96
35) Methylcyclohexane	6.13	83	8887	0.887 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	4278	0.820 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1117	0.135 ug/L #	62
48) 2-Hexanone	8.19	43	13261	6.068 ug/L #	63

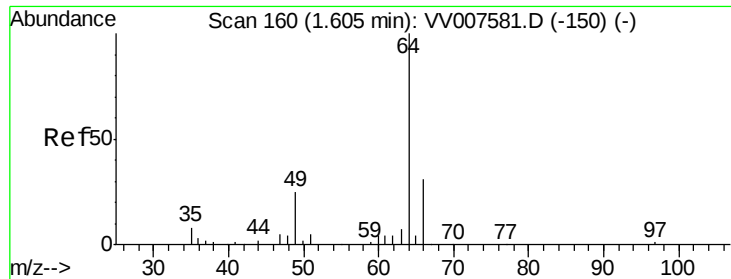
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 12:17:05 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.104 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007583.D

Acq: 17 Sep 2018 11:44

Instrument :

MSVOA_V

ClientSampleId :

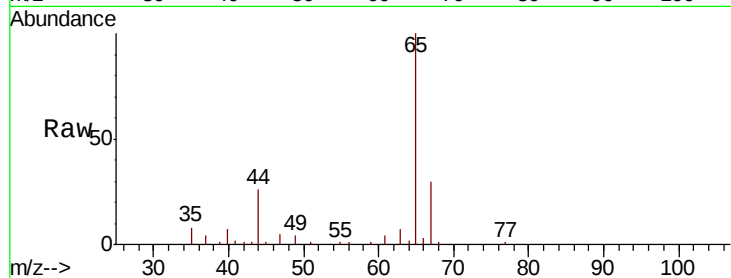
C0KW2

Tgt Ion: 64 Resp: 382

Ion Ratio Lower Upper

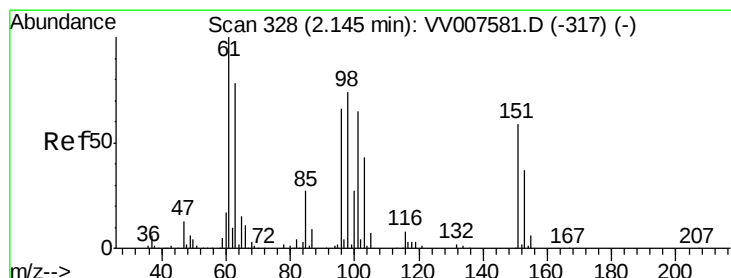
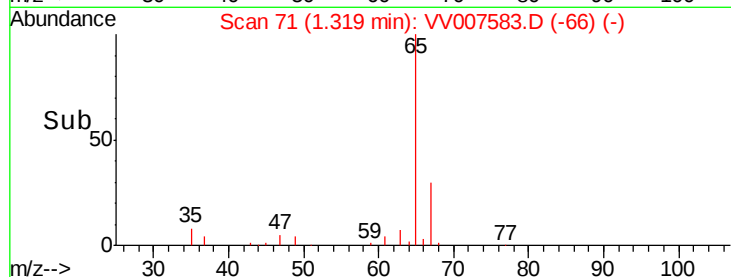
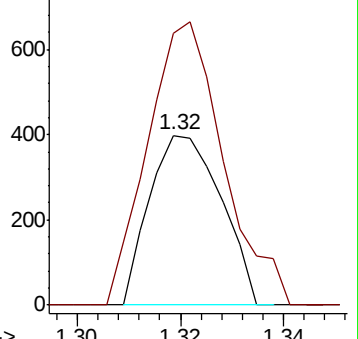
64 100

66 160.1 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.129 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007583.D

Acq: 17 Sep 2018 11:44

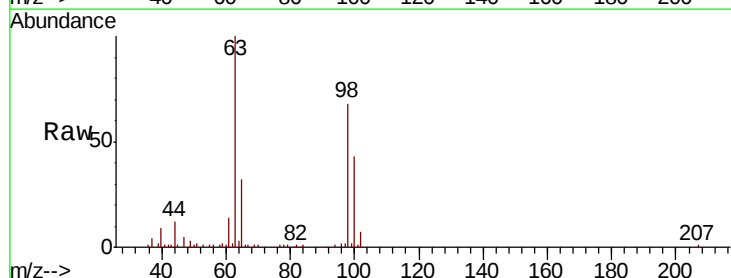
Tgt Ion: 96 Resp: 746

Ion Ratio Lower Upper

96 100

61 724.2 114.8 213.2#

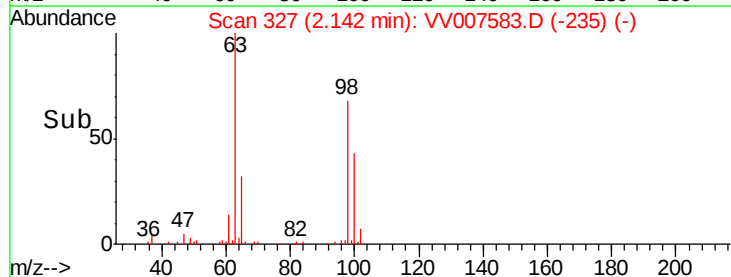
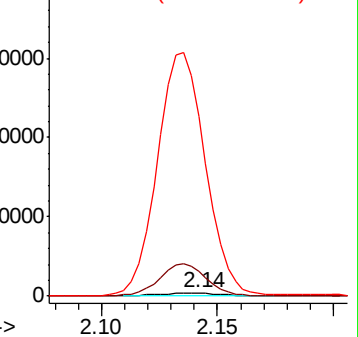
63 5328.9 81.8 151.8#

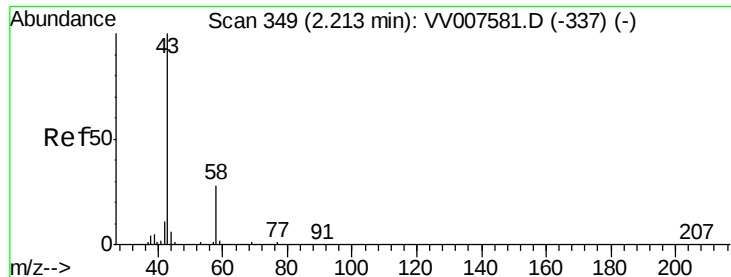


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.831 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007583.D

Acq: 17 Sep 2018 11:44

Instrument :

MSVOA_V

ClientSampled :

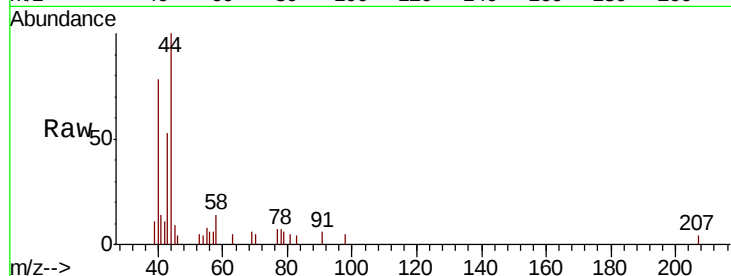
C0KW2

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

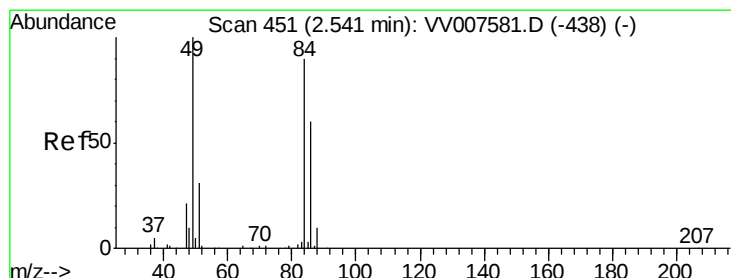
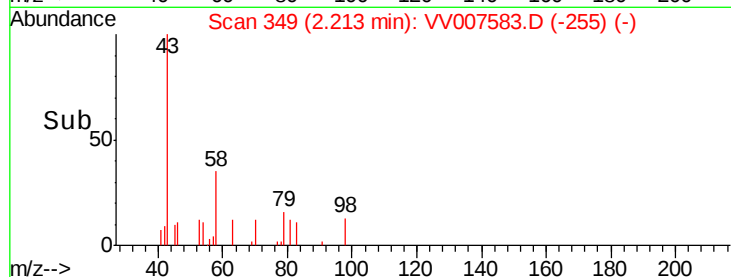
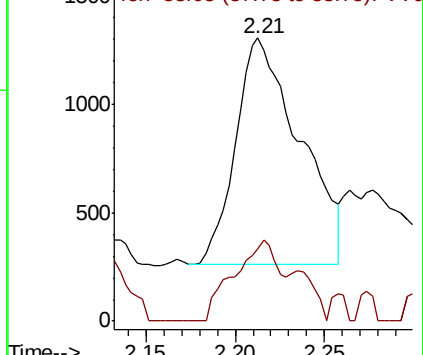
43 100

58 25.2 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007581.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV007581.D (-337) (-)



#16

Methylene chloride

Concen: 0.374 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV007583.D

Acq: 17 Sep 2018 11:44

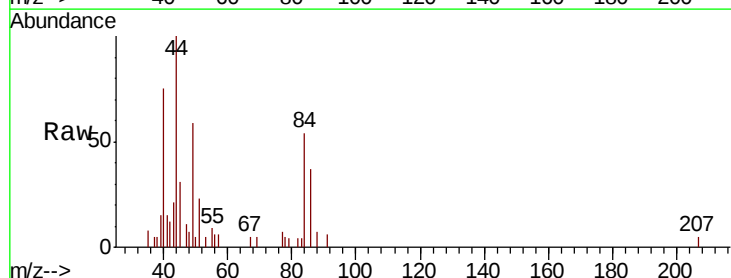
Tgt Ion: 84 Resp: 2344

Ion Ratio Lower Upper

84 100

86 68.3 43.7 81.1

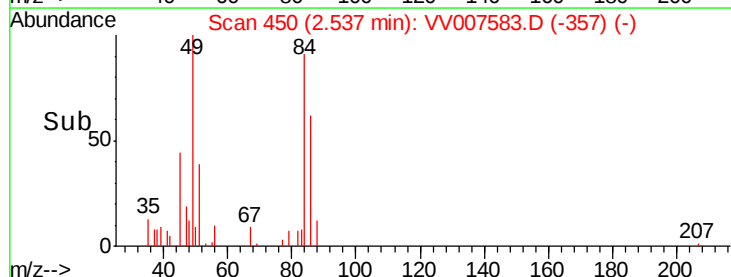
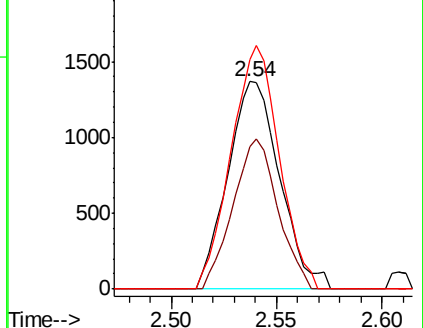
49 110.3 76.8 142.6

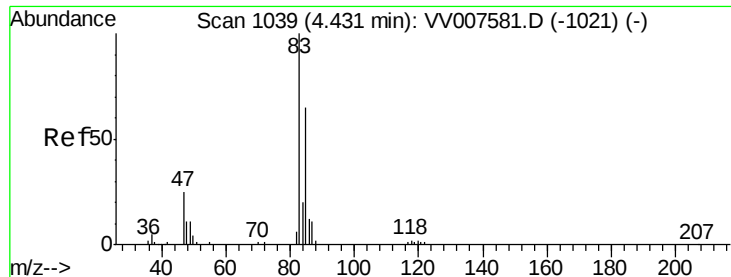


Abundance Ion 84.05 (83.75 to 84.75): VV007581.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV007581.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV007581.D (-438) (-)

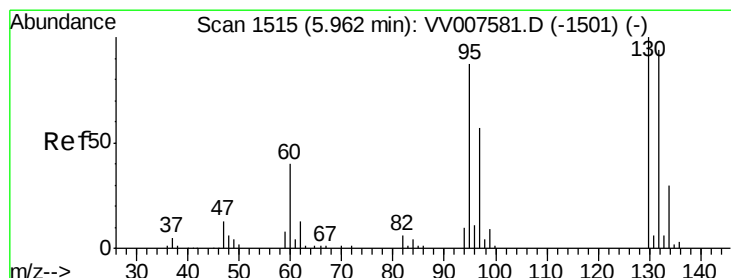
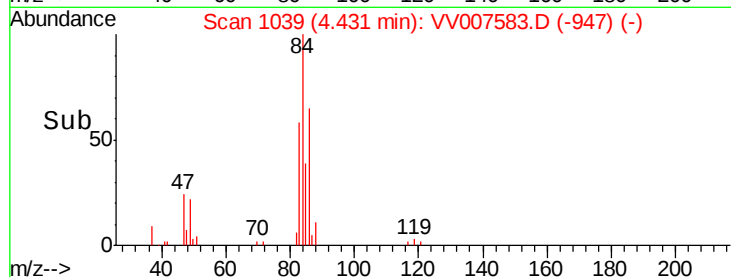
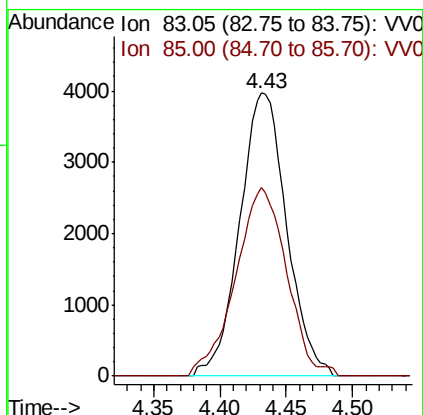
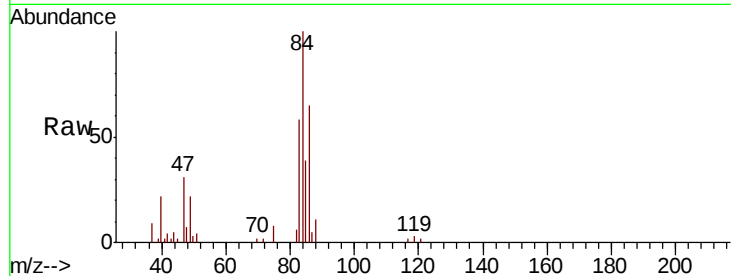




#25
Chloroform
Concen: 0.930 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007583.D
Acq: 17 Sep 2018 11:44

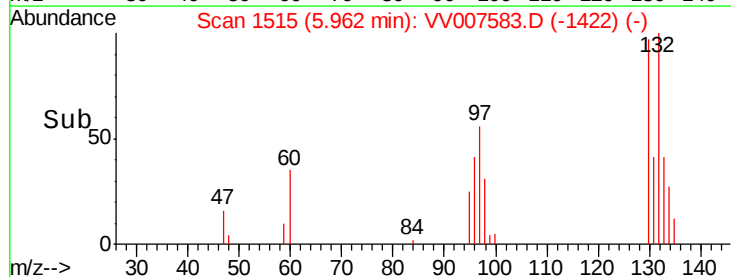
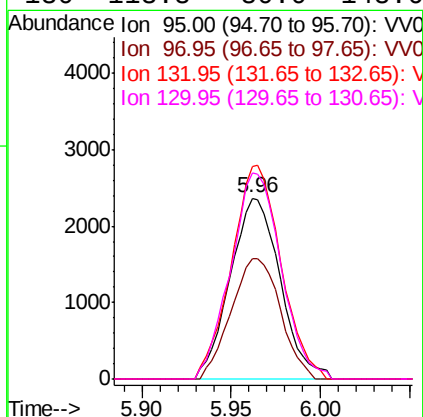
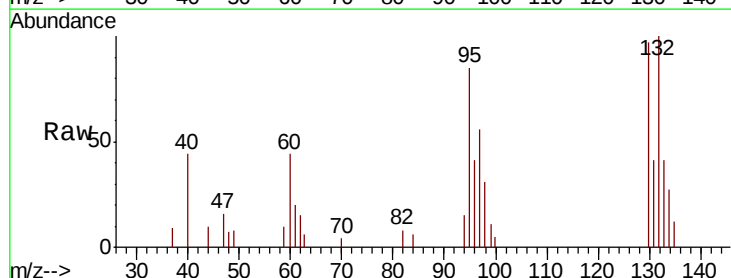
Instrument :
MSVOA_V
ClientSampleId :
C0KW2

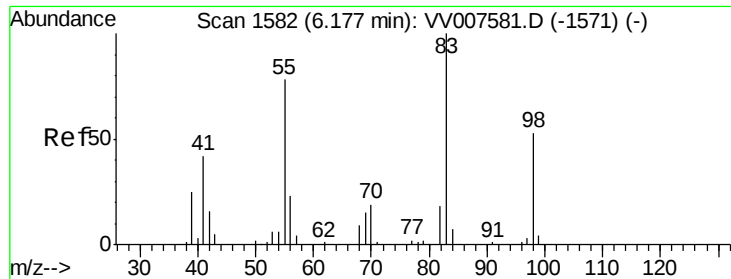
Tgt Ion: 83 Resp: 9776
Ion Ratio Lower Upper
83 100
85 66.7 45.5 84.5



#34
Trichloroethene
Concen: 0.711 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007583.D
Acq: 17 Sep 2018 11:44

Tgt Ion: 95 Resp: 4611
Ion Ratio Lower Upper
95 100
97 66.3 45.5 84.5
132 117.6 74.9 139.1
130 113.8 80.0 148.6

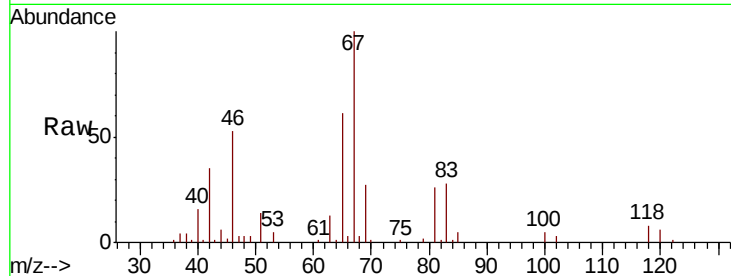




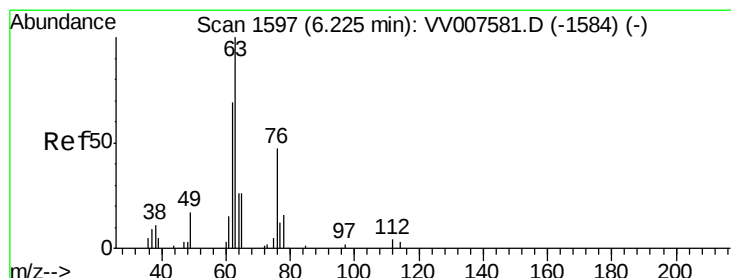
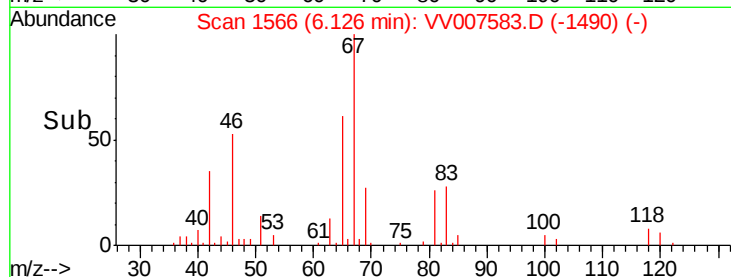
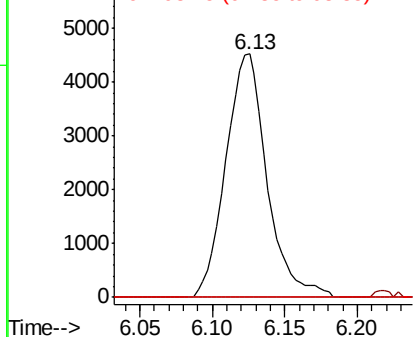
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007583.D
Acq: 17 Sep 2018 11:44

Instrument :
MSVOA_V
ClientSampled :
C0KW2

Tgt Ion: 83 Resp: 8887
Ion Ratio Lower Upper
83 100
55 1.2 55.0 82.4#
98 0.0 37.6 56.4#

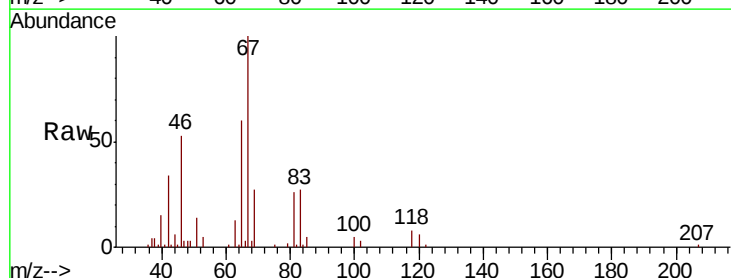


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

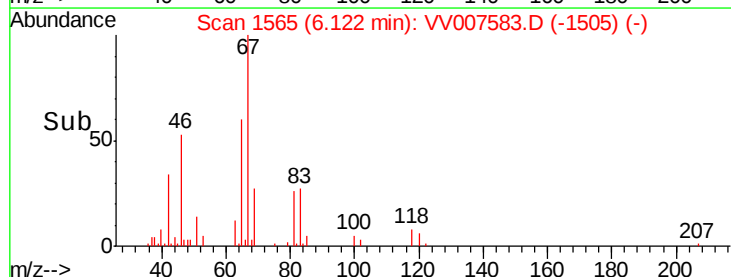
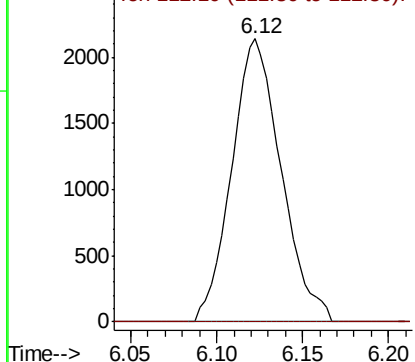


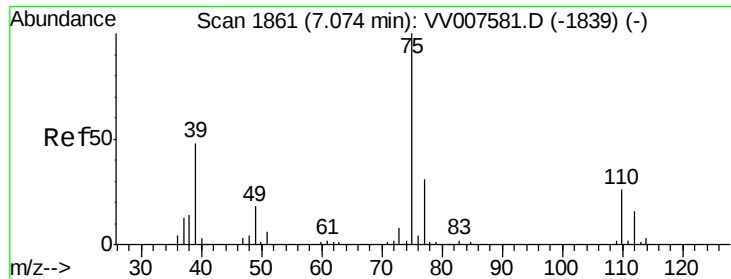
#37
1,2-Dichloropropane
Concen: 0.820 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007583.D
Acq: 17 Sep 2018 11:44

Tgt Ion: 63 Resp: 4278
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

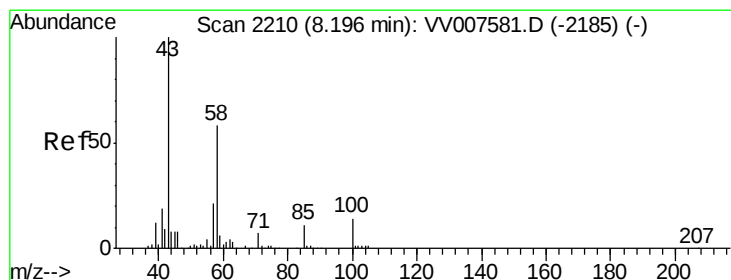
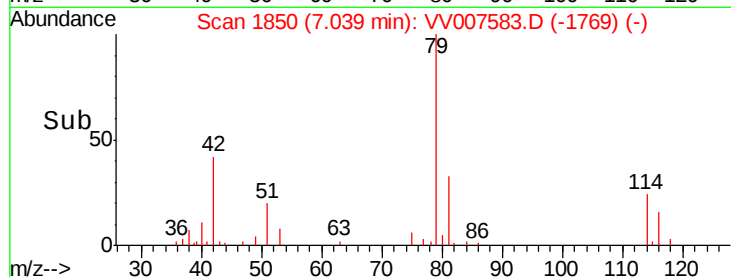
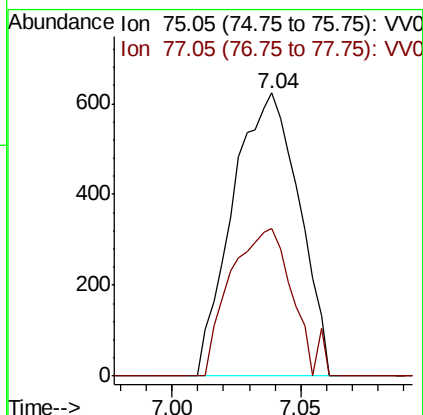
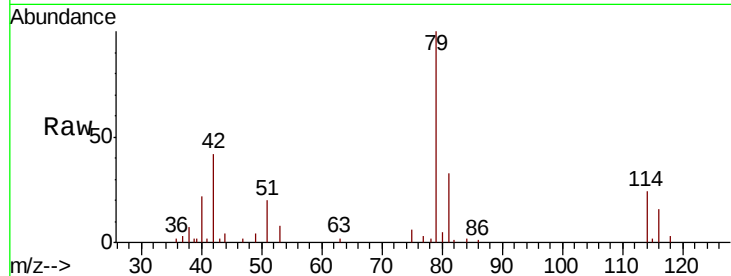




#39
 cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007583.D
 Acq: 17 Sep 2018 11:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW2

Tgt Ion: 75 Resp: 1117
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.0 41.0#



#48
 2-Hexanone
 Concen: 6.068 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VV007583.D
 Acq: 17 Sep 2018 11:44

Tgt Ion: 43 Resp: 13261
 Ion Ratio Lower Upper
 43 100
 58 21.4 49.8 74.6#
 57 22.1 18.2 27.4
 100 3.7 11.0 16.4#

