

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007076.D
 Acq On : 20 Aug 2018 16:35
 Operator : SY/MD
 Sample : J4488-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0307

Quant Time: Aug 21 04:07:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79626	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	72561	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.14	63	1067501	37.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	752.20%#
20) 2-Butanone-d5	3.97	46	219679	50.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.41	84	174100	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	86385	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.11	84	336450	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.12	67	110596	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.37	98	240503	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	22172	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.15	63	76568	27.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	54.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78843	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	88530	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

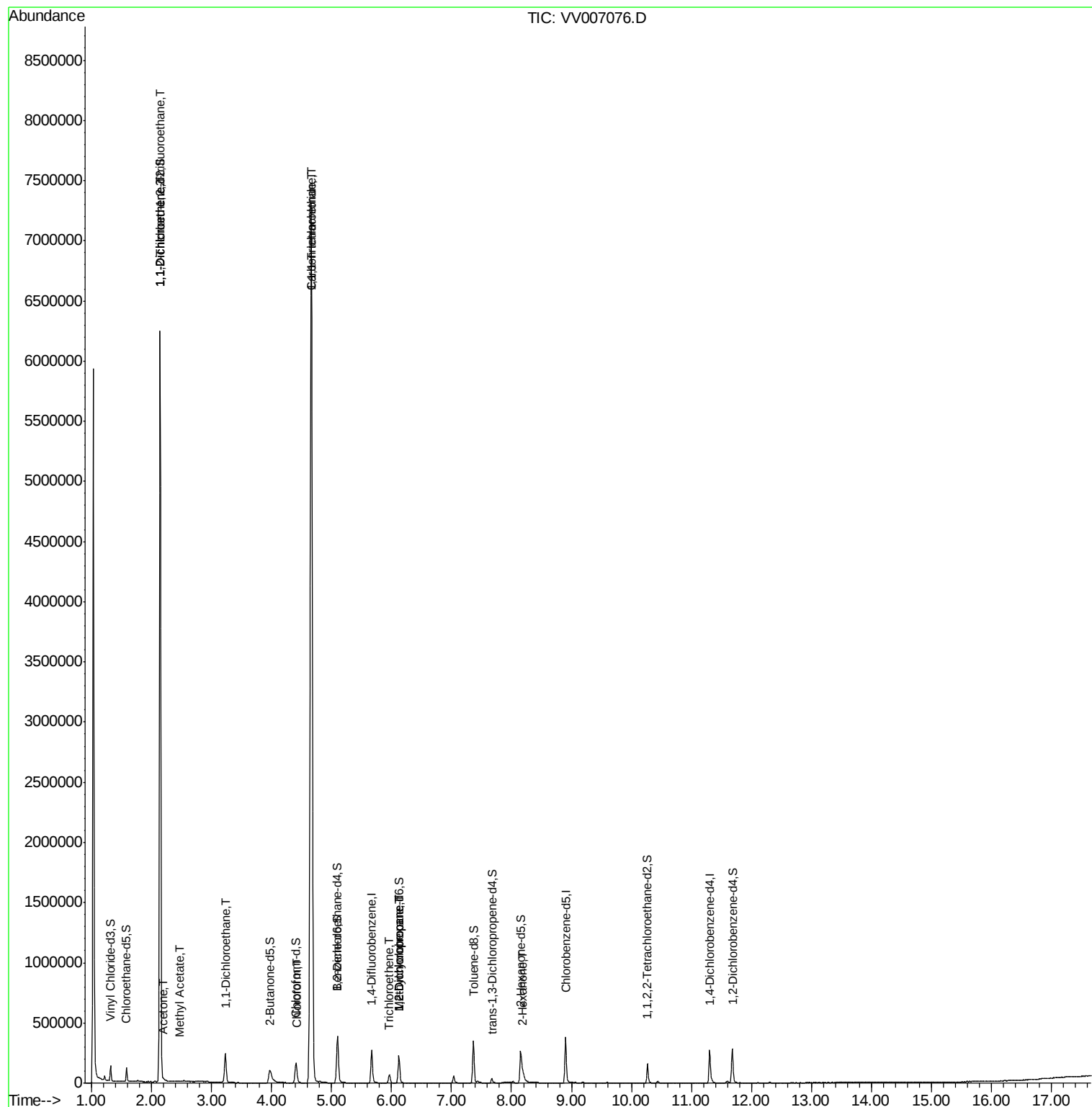
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5295	0.306	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	1944537	115.576	ug/L #	69
13) Acetone	2.21	43	5637	2.517	ug/L	92
15) Methyl Acetate	2.47	43	1273	0.202	ug/L	96
19) 1,1-Dichloroethane	3.23	63	244222	7.509	ug/L	97
25) Chloroform	4.44	83	9106	0.256	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	5841265	193.092	ug/L	98
31) Carbon tetrachloride	4.66	117	792453	31.236	ug/L	100
34) Trichloroethene	5.96	95	25380	1.347	ug/L	96
35) Methylcyclohexane	6.12	83	25000	0.826	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11434	0.531	ug/L #	88
48) 2-Hexanone	8.20	43	28929	3.529	ug/L #	84

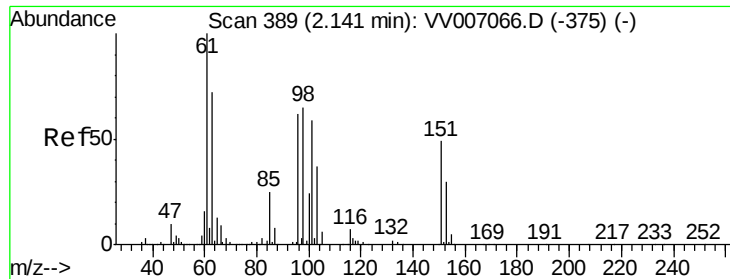
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.306 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

C0307

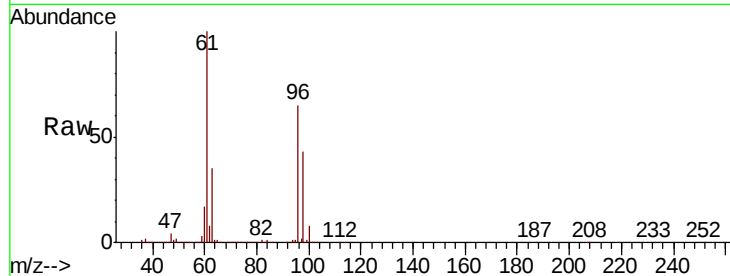
Tot Ion:101 Resp: 5295

Ion Ratio Lower Upper

101 100

85 22.7 33.9 50.9#

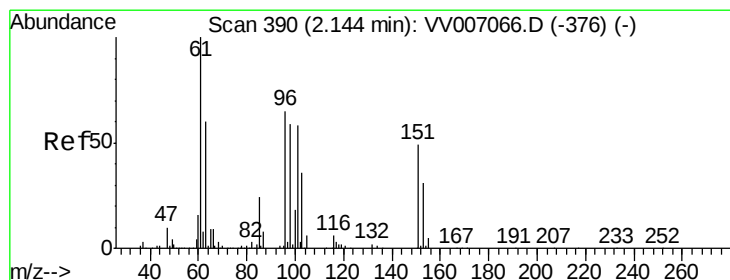
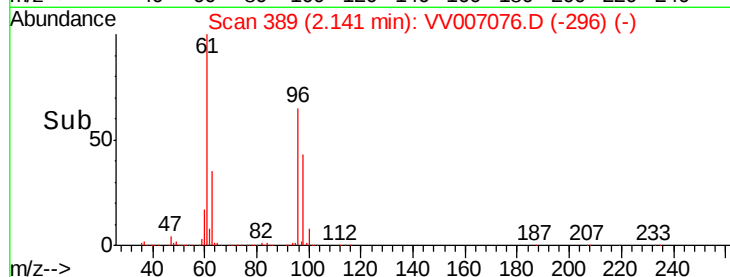
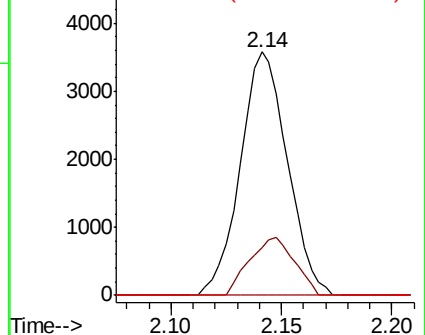
151 0.0 64.1 96.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 115.576 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

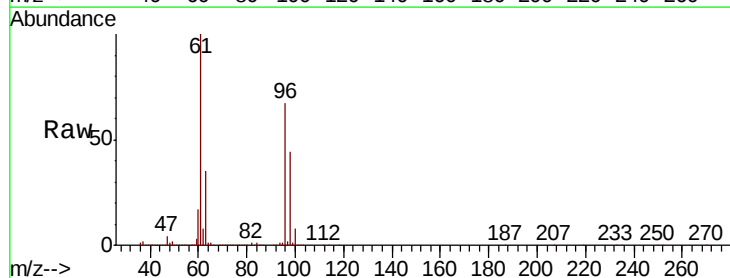
Tgt Ion: 96 Resp: 1944537

Ion Ratio Lower Upper

96 100

61 150.1 111.6 207.4

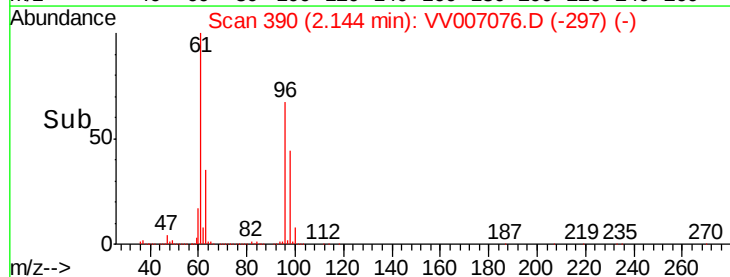
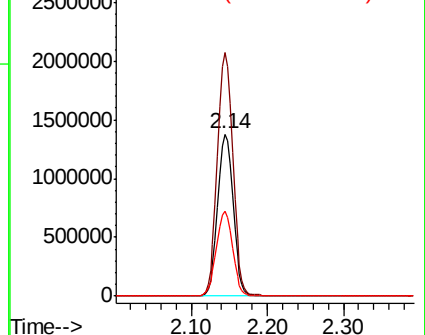
63 52.1 84.9 157.7#

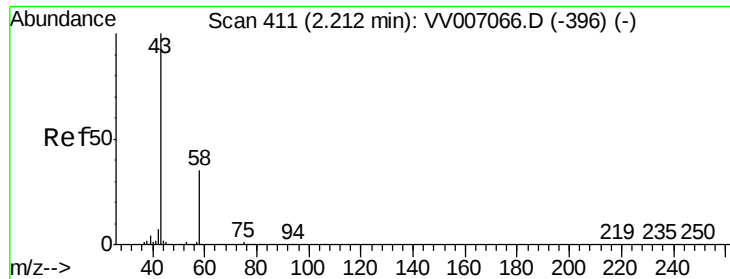


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.517 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

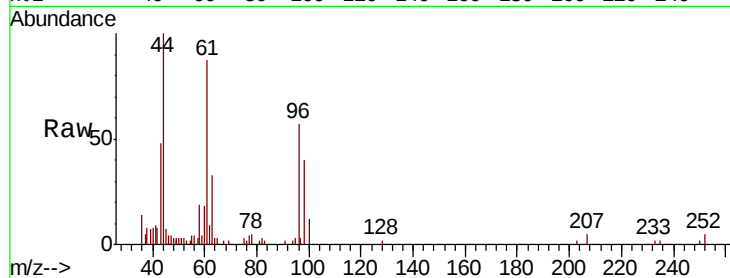
C0307

Tot Ion: 43 Resp: 5637

Ion Ratio Lower Upper

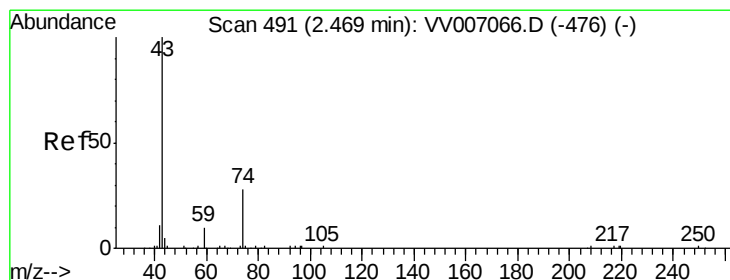
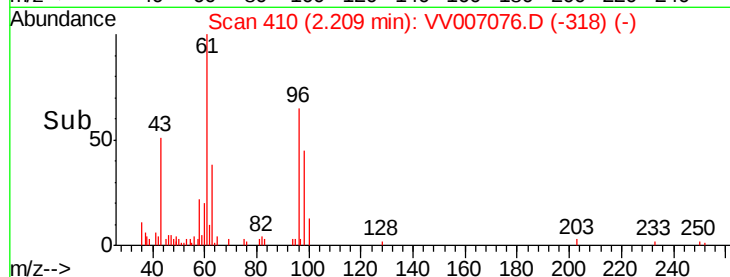
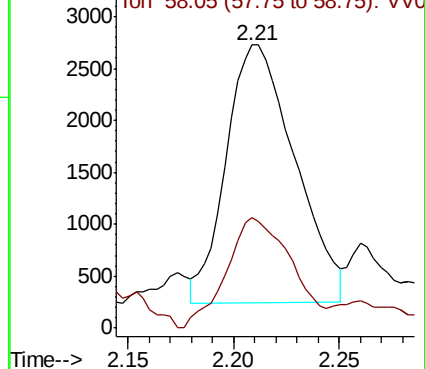
43 100

58 40.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007066.D (-396) (-)



#15

Methyl Acetate

Concen: 0.202 ug/L

RT: 2.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VV007076.D

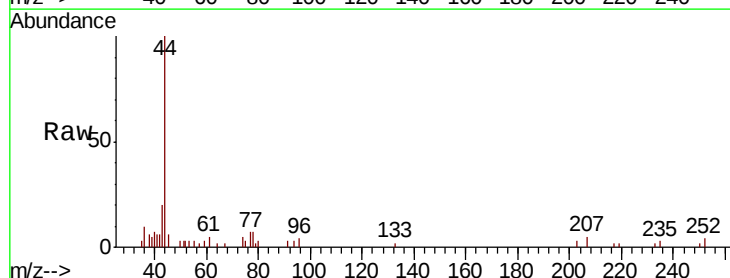
Acq: 20 Aug 2018 16:35

Tgt Ion: 43 Resp: 1273

Ion Ratio Lower Upper

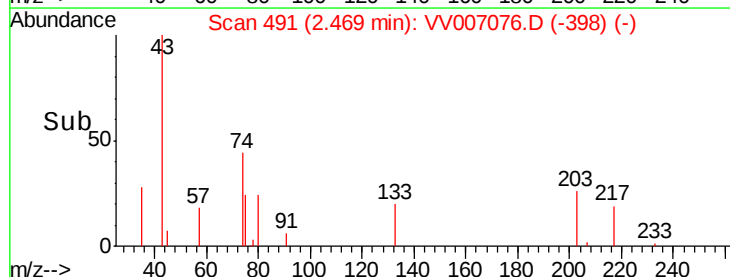
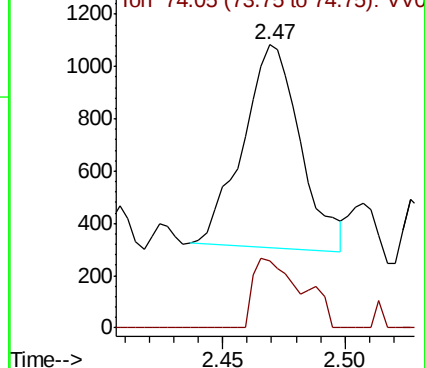
43 100

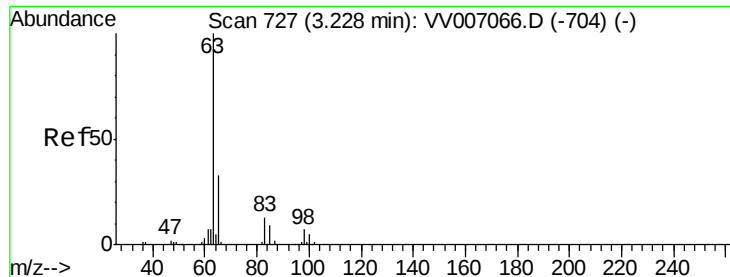
74 28.5 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-476) (-)

Ion 74.05 (73.75 to 74.75): VV007066.D (-476) (-)

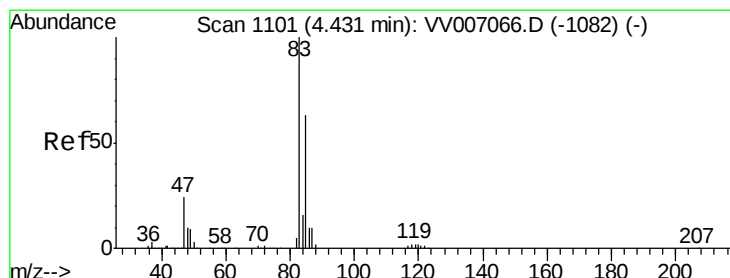
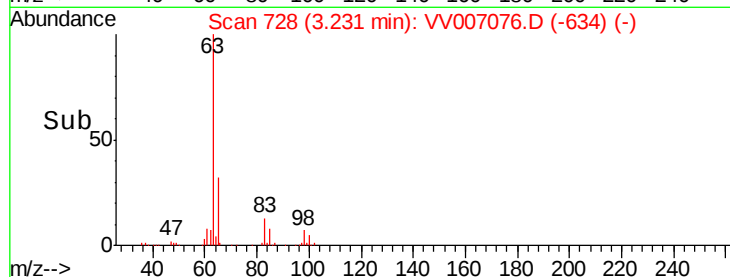
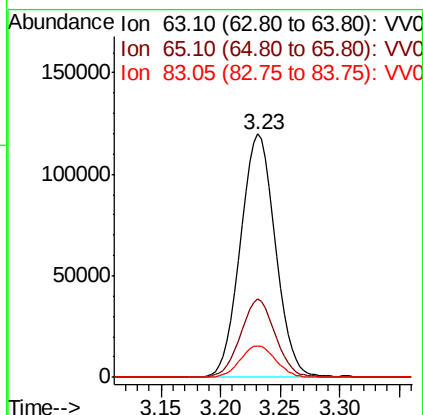
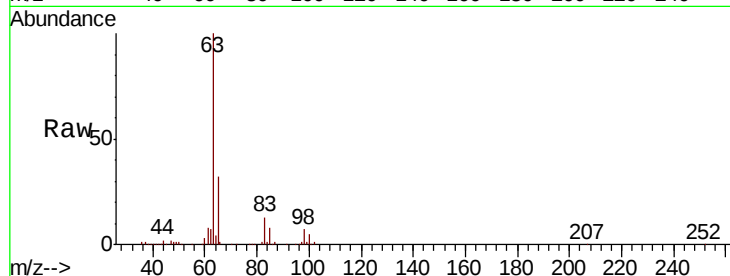




#19
 1,1-Dichloroethane
 Concen: 7.509 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

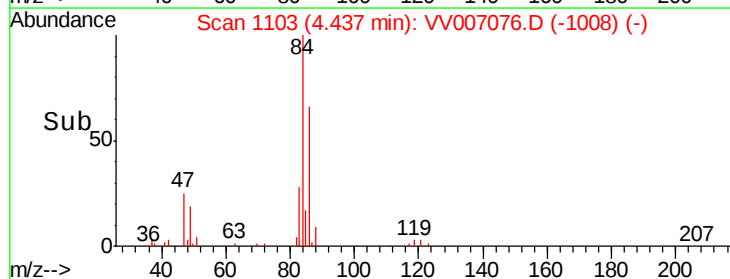
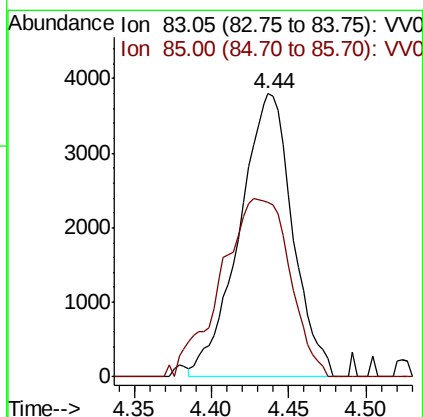
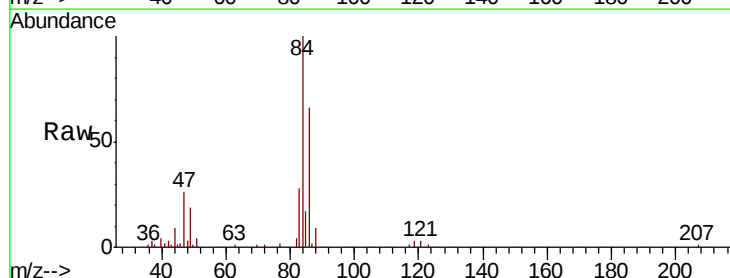
Instrument :
 MSVOA_V
 ClientSampleId :
 C0307

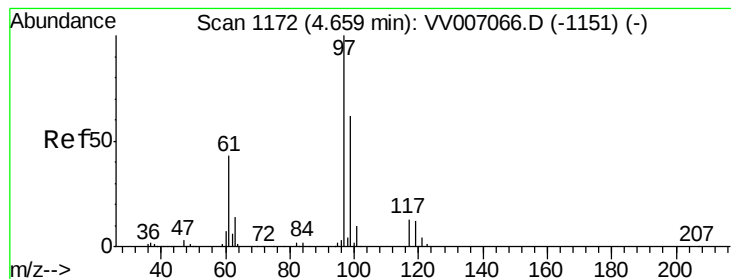
Tot Ion: 63 Resp: 244222
 Ion Ratio Lower Upper
 63 100
 65 32.3 21.7 40.3
 83 12.9 10.0 18.6



#25
 Chloroform
 Concen: 0.256 ug/L
 RT: 4.44 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Tgt Ion: 83 Resp: 9106
 Ion Ratio Lower Upper
 83 100
 85 61.8 44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 193.092 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

Instrument :

MSVOA_V

ClientSampled :

C0307

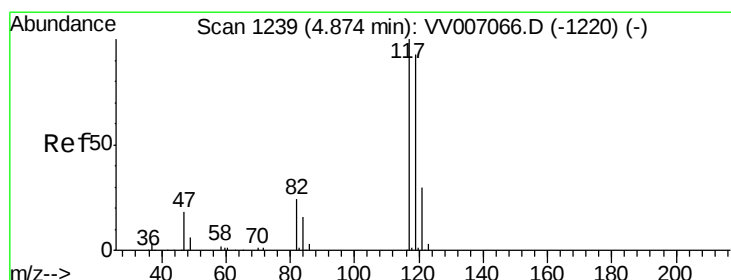
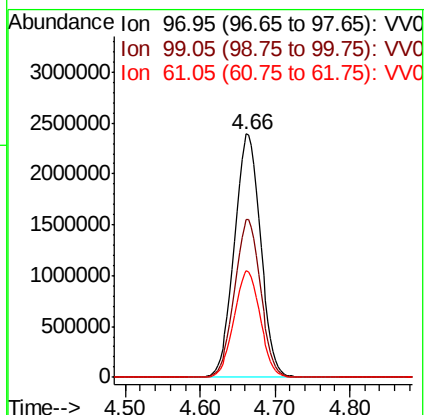
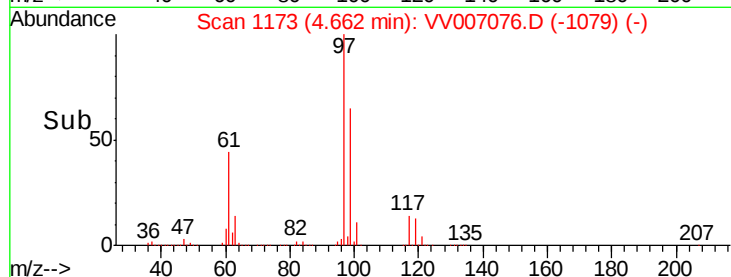
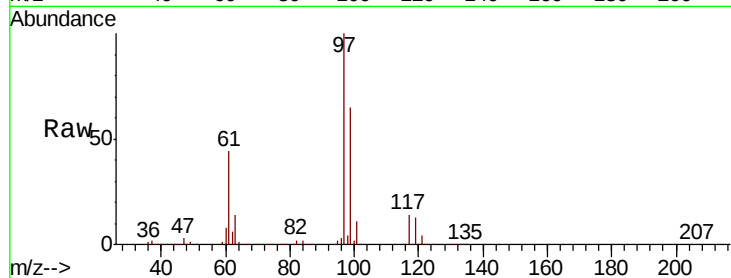
Tot Ion: 97 Resp: 5841265

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 43.8 36.6 54.8



#31

Carbon tetrachloride

Concen: 31.236 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.21 min

Lab File: VV007076.D

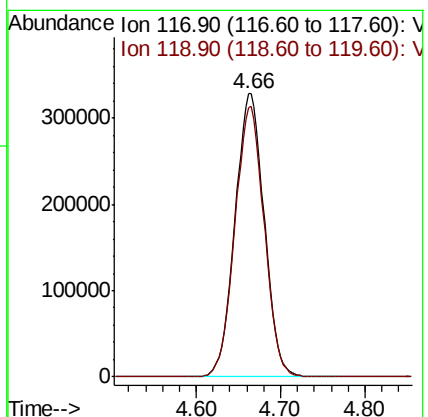
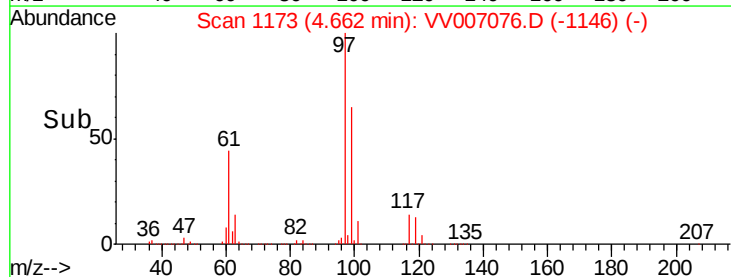
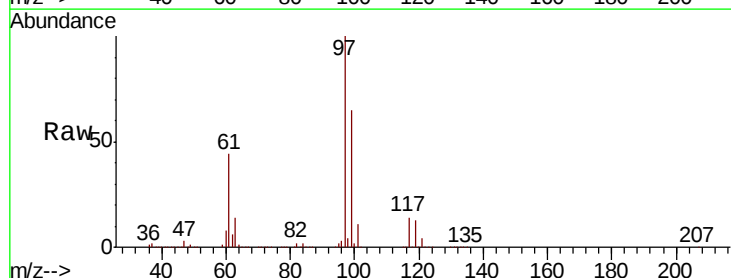
Acq: 20 Aug 2018 16:35

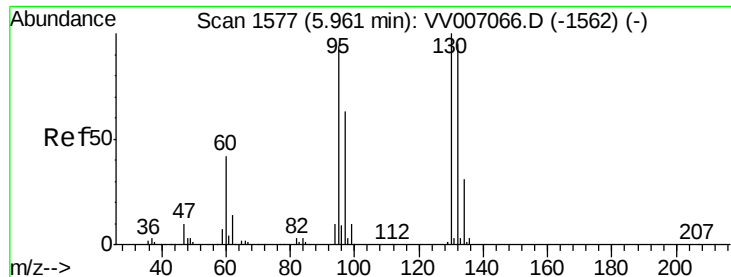
Tgt Ion: 117 Resp: 792453

Ion Ratio Lower Upper

117 100

119 95.7 76.2 114.4

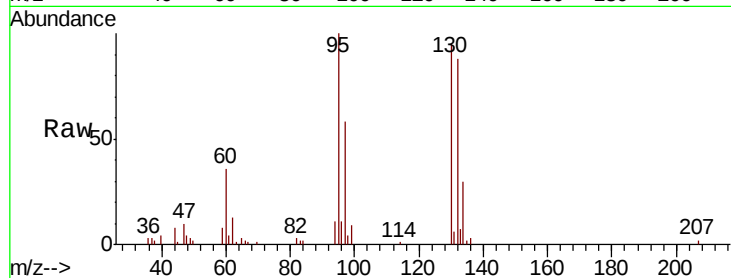




#34
 Trichloroethene
 Concen: 1.347 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Instrument :
 MSVOA_V
 ClientSampled :
 C0307

Tot Ion:	95	Resp:	25380
Ion	Ratio	Lower	Upper
95	100		
97	58.0	44.8	83.2
132	87.8	65.5	121.6
130	94.7	66.4	123.4



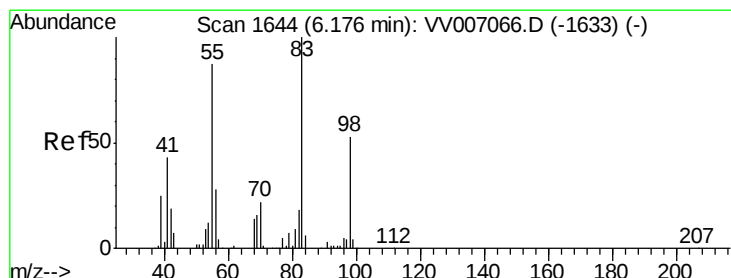
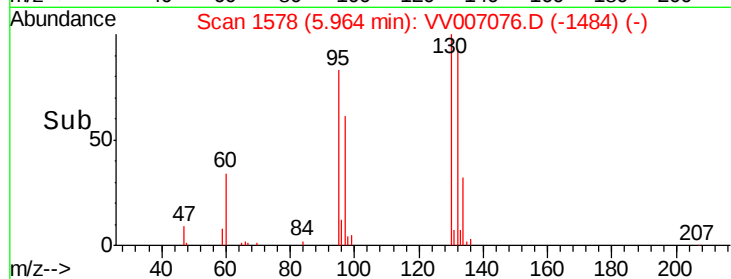
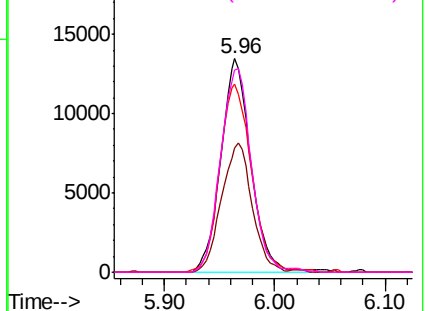
Abundance

Ion 95.00 (94.70 to 95.70): VV007066.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV007066.D (-1562) (-)

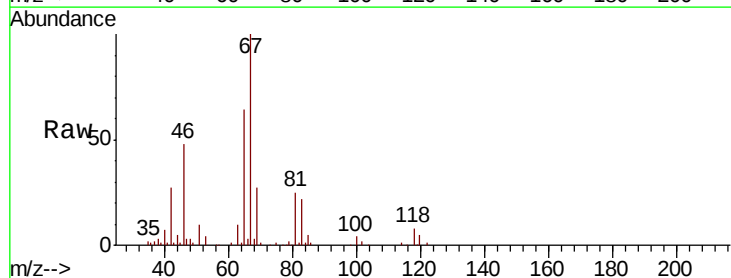
Ion 131.95 (131.65 to 132.65): VV007066.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV007066.D (-1562) (-)



#35
 Methylcyclohexane
 Concen: 0.826 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Tgt Ion:	83	Resp:	25000
Ion	Ratio	Lower	Upper
83	100		
55	0.3	68.1	102.1#
98	1.4	37.9	56.9#

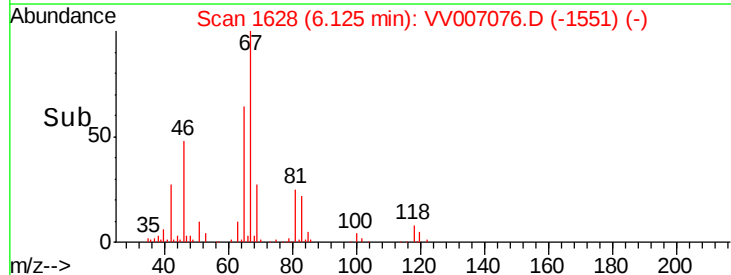
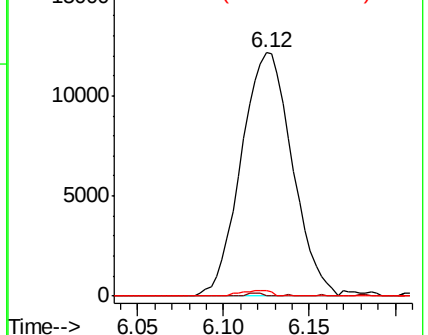


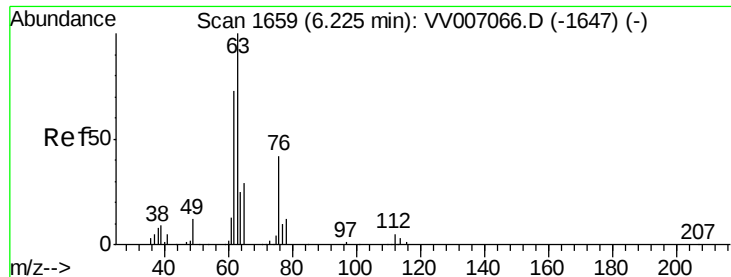
Abundance

Ion 83.15 (82.85 to 83.85): VV007066.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV007066.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV007066.D (-1633) (-)

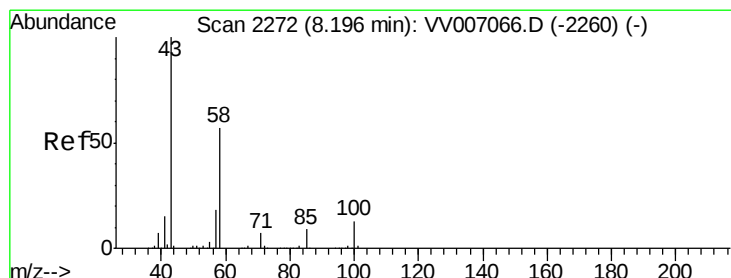
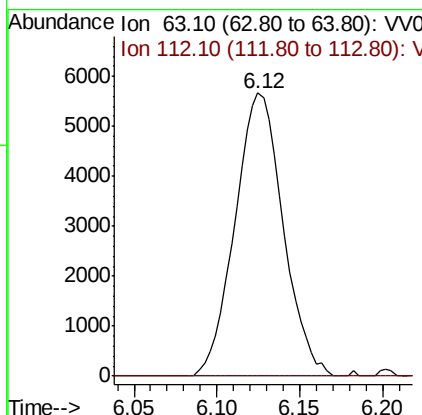
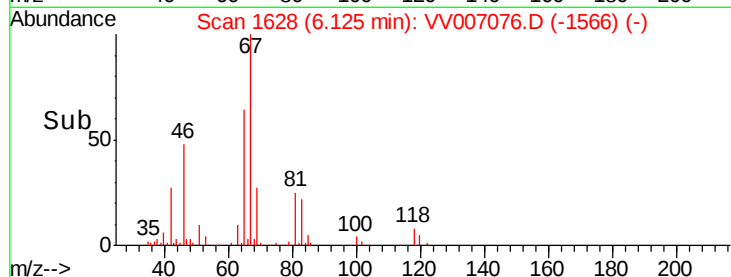
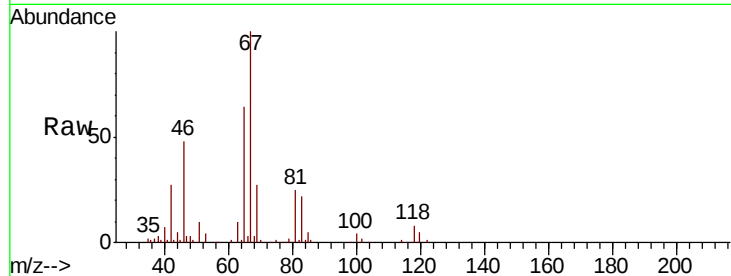




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0307

Tot Ion: 63 Resp: 11434
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.5 5.3#



#48
 2-Hexanone
 Concen: 3.529 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Tgt Ion: 43 Resp: 28929
 Ion Ratio Lower Upper
 43 100
 58 40.0 44.2 66.2#
 57 20.1 14.8 22.2
 100 6.3 8.8 13.2#

