

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007074.D
 Acq On : 20 Aug 2018 15:42
 Operator : SY/MD
 Sample : J4488-09DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0302DL

Quant Time: Aug 21 04:07:03 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	240448	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230011	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89759	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75531	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	63983	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	163720	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.40%
20) 2-Butanone-d5	3.97	46	244667	54.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.62%
24) Chloroform-d	4.40	84	180716	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.09	65	93363	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.10	84	343741	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
36) 1,2-Dichloropropane-d6	6.12	67	115915	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	7.37	98	248817	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.67	79	35840	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.15	63	114174	39.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81356	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	87469	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

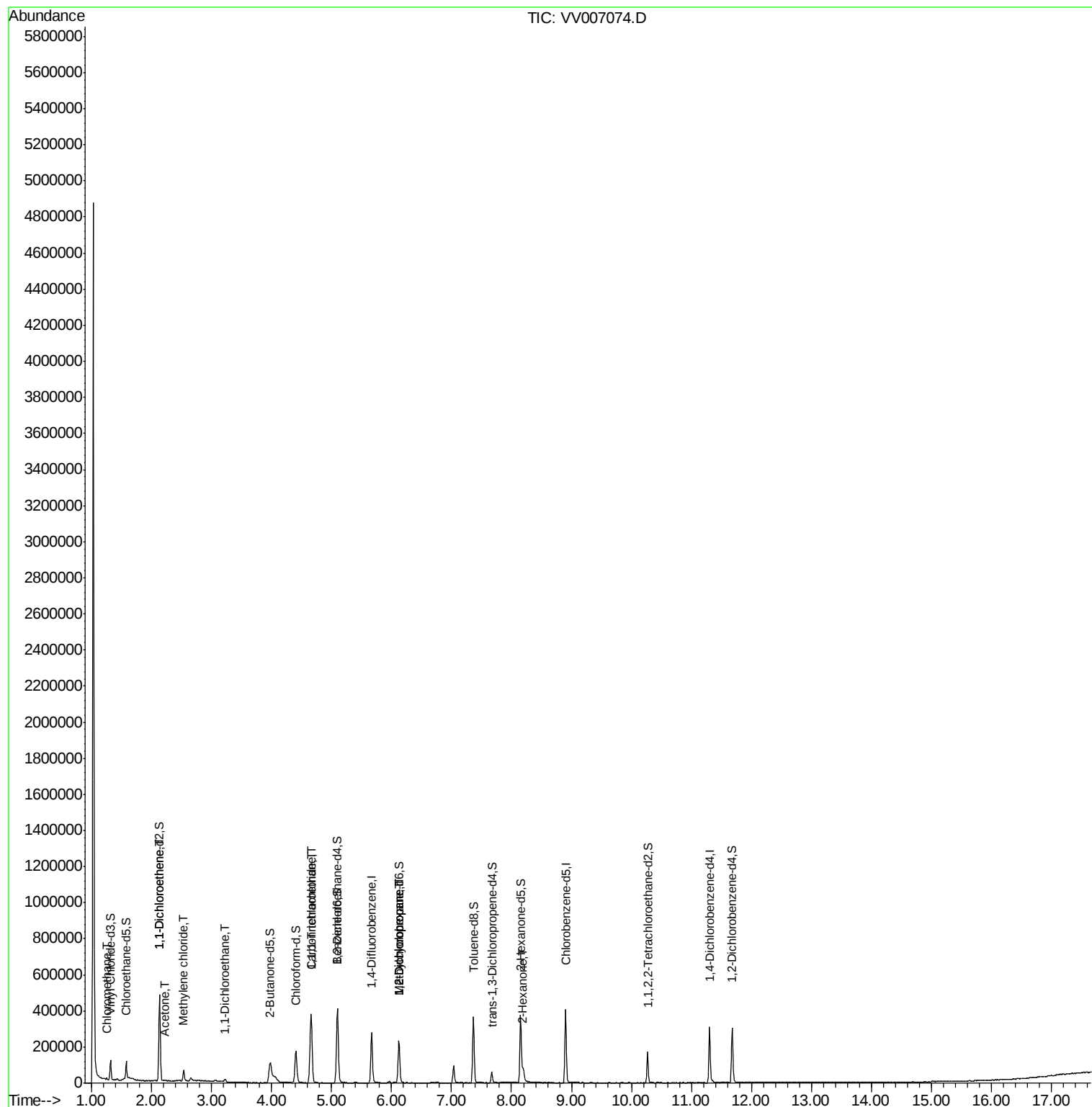
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	8526	0.378	ug/L	99
12) 1,1-Dichloroethene	2.14	96	111149	6.437	ug/L	93
13) Acetone	2.22	43	2983	1.298	ug/L	93
16) Methylene chloride	2.54	84	26574	1.276	ug/L	97
19) 1,1-Dichloroethane	3.23	63	15192	0.455	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	309705	10.098	ug/L	99
31) Carbon tetrachloride	4.66	117	41444	1.611	ug/L	99
35) Methylcyclohexane	6.12	83	28063	0.915	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	11988	0.550	ug/L #	89
48) 2-Hexanone	8.20	43	36987	4.451	ug/L #	89

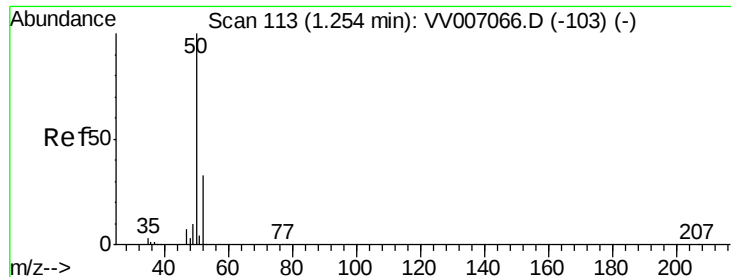
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.378 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampleId :

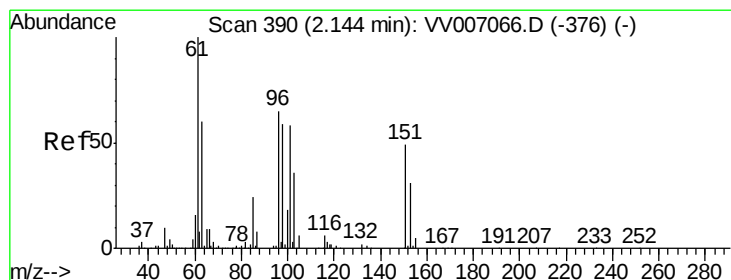
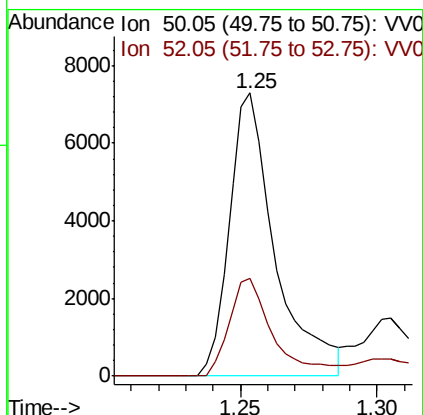
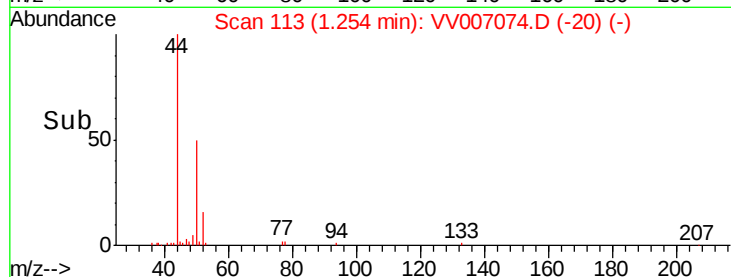
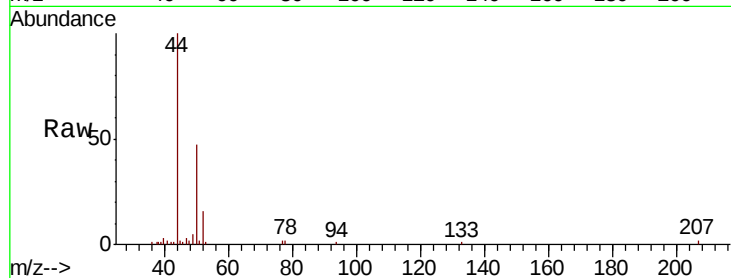
C0302DL

Tot Ion: 50 Resp: 8526

Ion Ratio Lower Upper

50 100

52 34.5 23.6 43.8



#12

1,1-Dichloroethene

Concen: 6.437 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.01 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

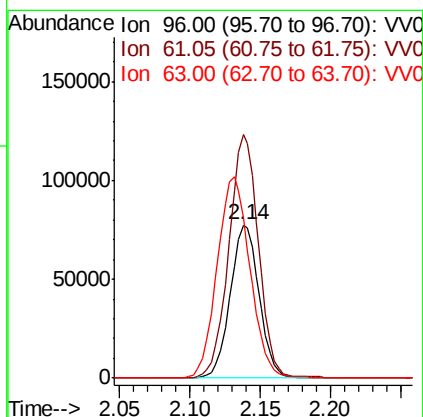
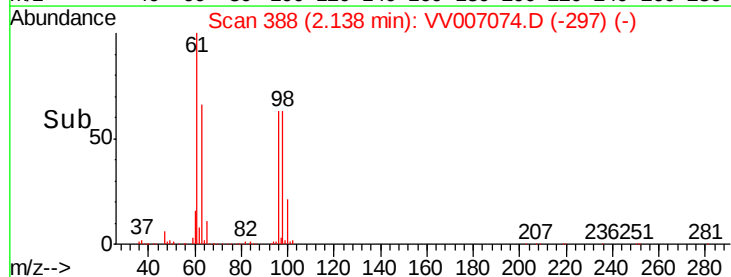
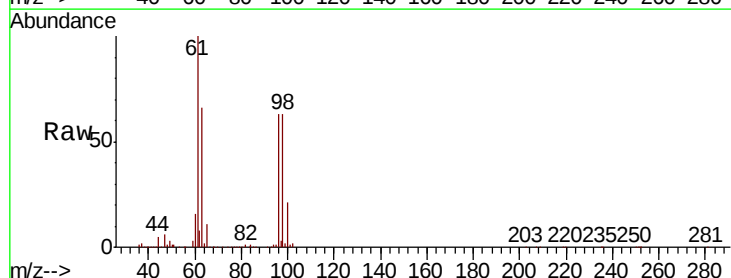
Tgt Ion: 96 Resp: 111149

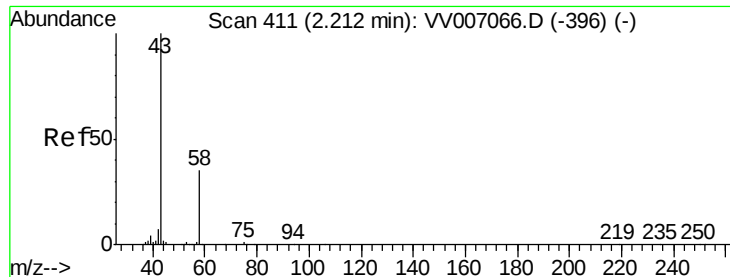
Ion Ratio Lower Upper

96 100

61 158.8 111.6 207.4

63 104.6 84.9 157.7





#13

Acetone

Concen: 1.298 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampleId :

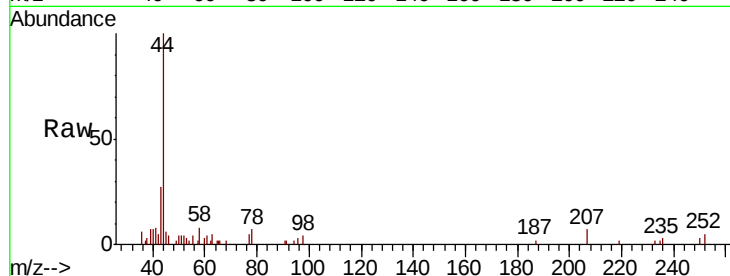
C0302DL

Tot Ion: 43 Resp: 2983

Ion Ratio Lower Upper

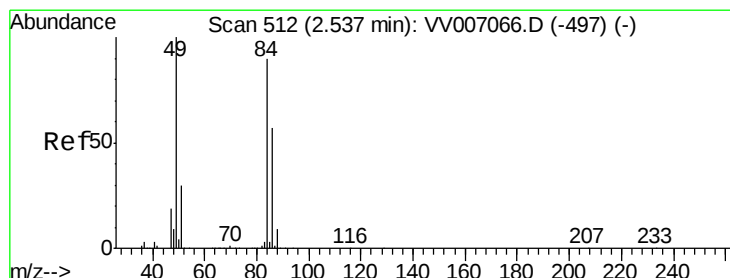
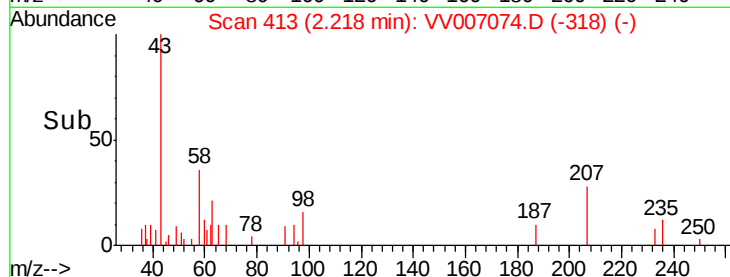
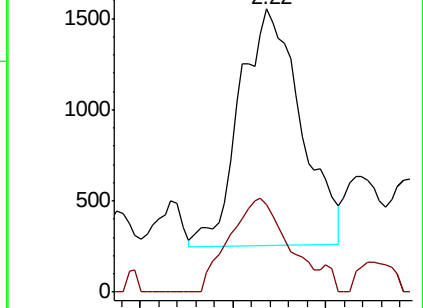
43 100

58 39.8 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) (-)



#16

Methylene chloride

Concen: 1.276 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

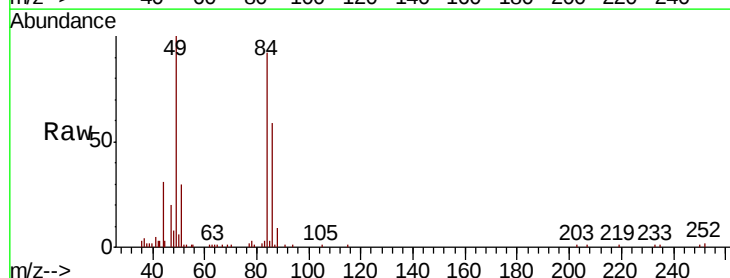
Tgt Ion: 84 Resp: 26574

Ion Ratio Lower Upper

84 100

86 64.0 45.7 84.9

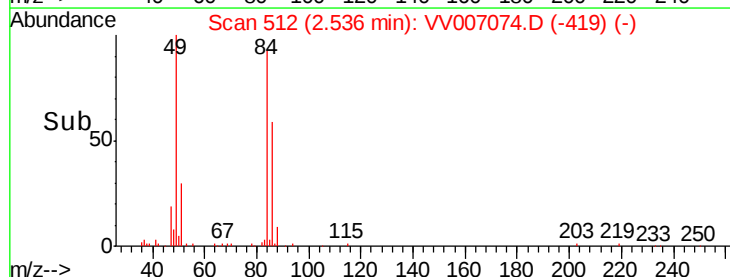
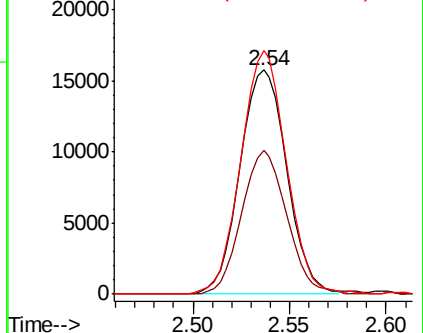
49 108.5 78.8 146.4

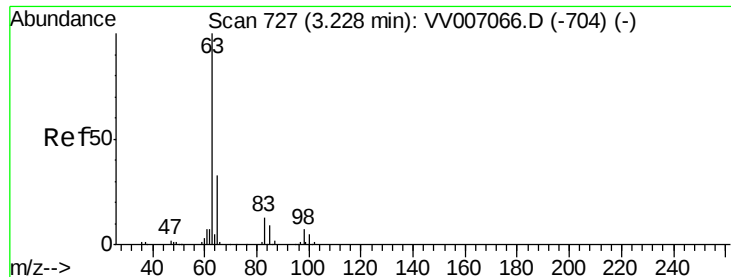


Abundance Ion 84.05 (83.75 to 84.75): VV007066.D (-497) (-)

Ion 86.00 (85.70 to 86.70): VV007066.D (-497) (-)

Ion 49.10 (48.80 to 49.80): VV007066.D (-497) (-)

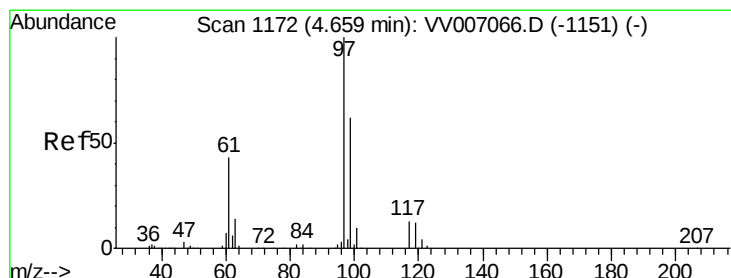
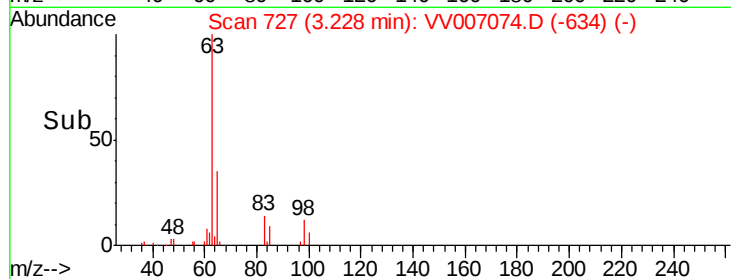
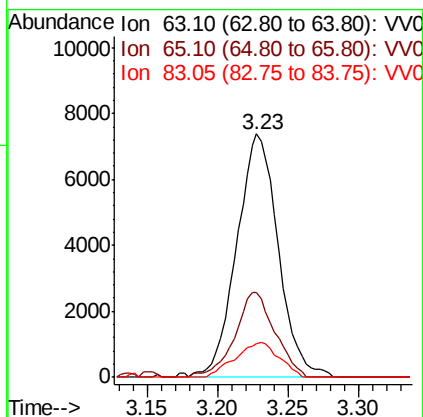
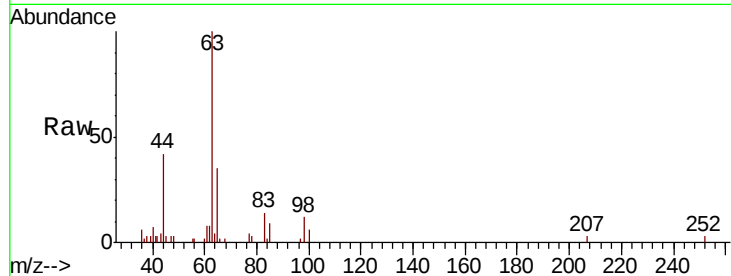




#19
 1,1-Dichloroethane
 Concen: 0.455 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV007074.D
 Acq: 20 Aug 2018 15:42

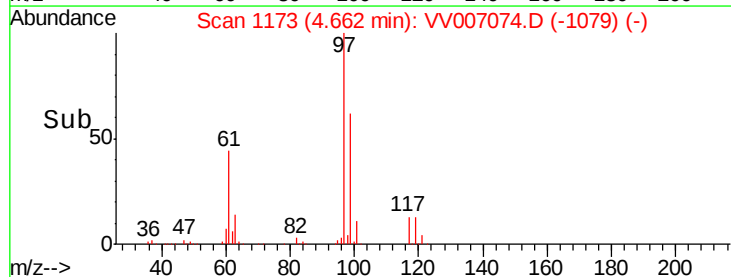
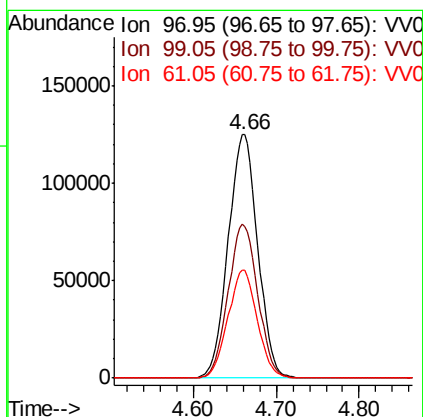
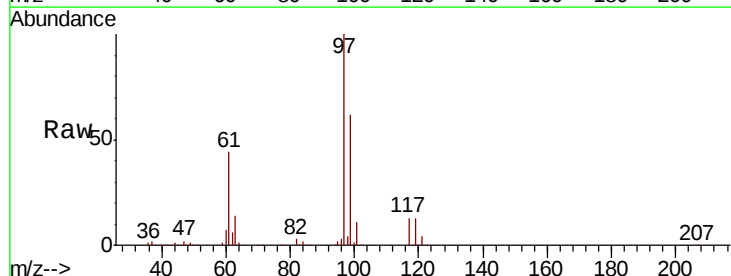
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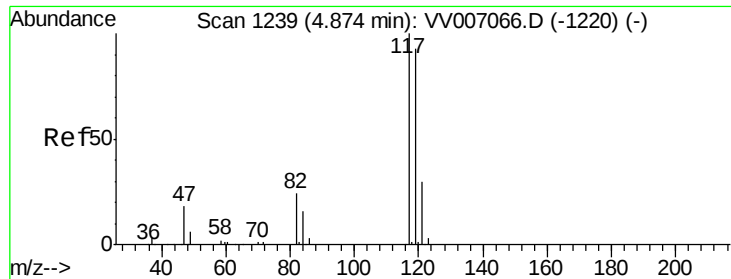
Tot Ion	63	Resp	15192
Ion	Ratio	Lower	Upper
63	100		
65	34.8	21.7	40.3
83	13.8	10.0	18.6



#29
 1,1,1-Trichloroethane
 Concen: 10.098 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007074.D
 Acq: 20 Aug 2018 15:42

Tgt Ion	97	Resp	309705
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.6
61	44.2	36.6	54.8





#31

Carbon tetrachloride

Concen: 1.611 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.21 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampleId :

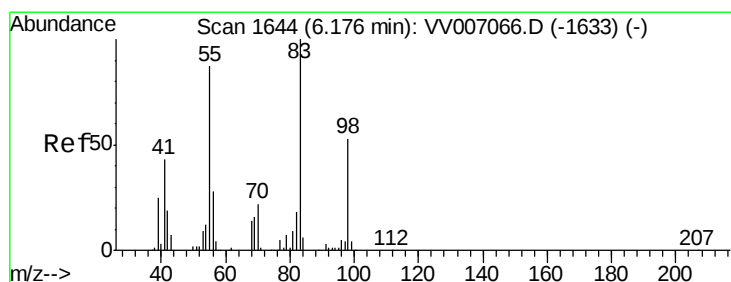
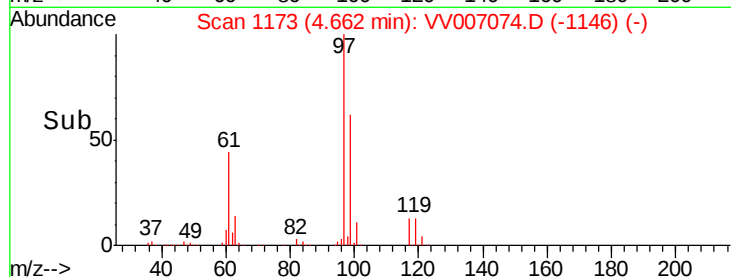
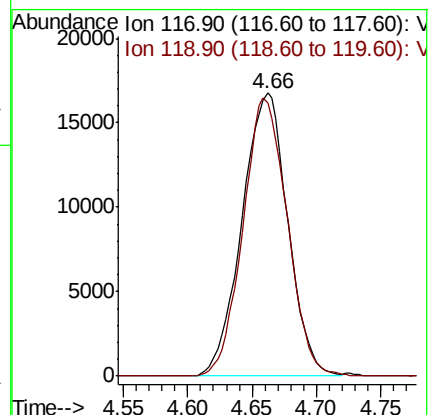
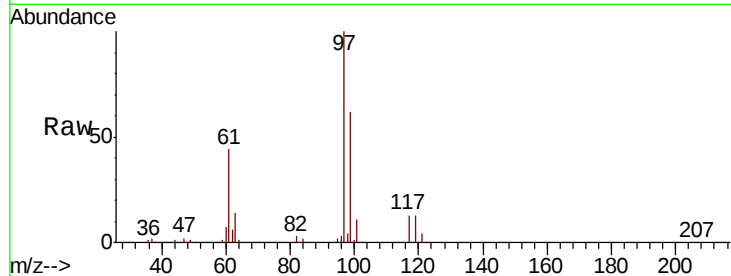
C0302DL

Tot Ion:117 Resp: 41444

Ion Ratio Lower Upper

117 100

119 94.8 76.2 114.4



#35

Methylcyclohexane

Concen: 0.915 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

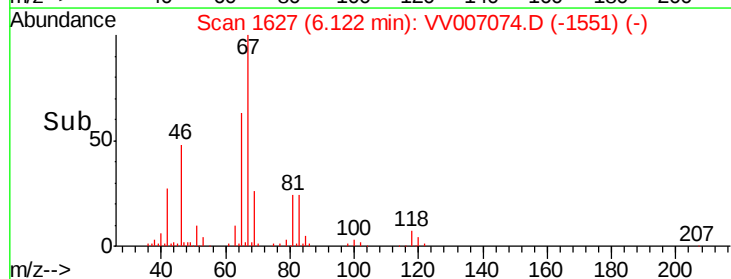
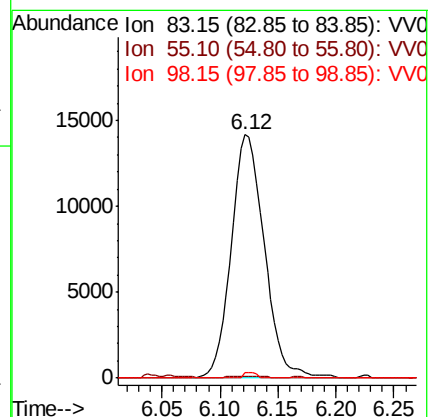
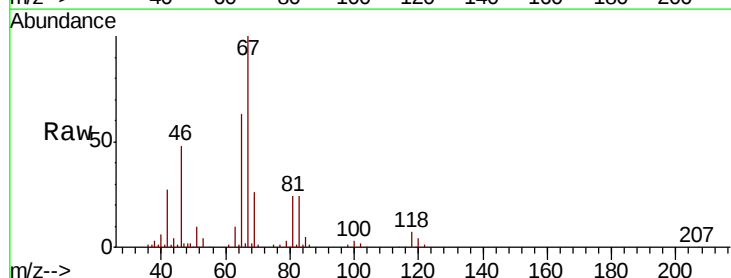
Tgt Ion: 83 Resp: 28063

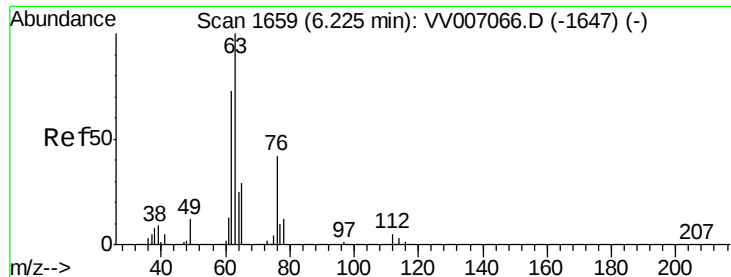
Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

98 0.8 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampleId :

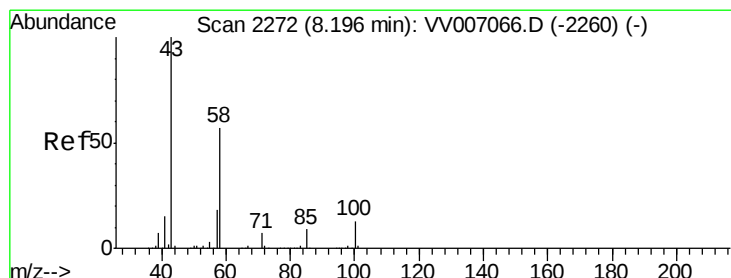
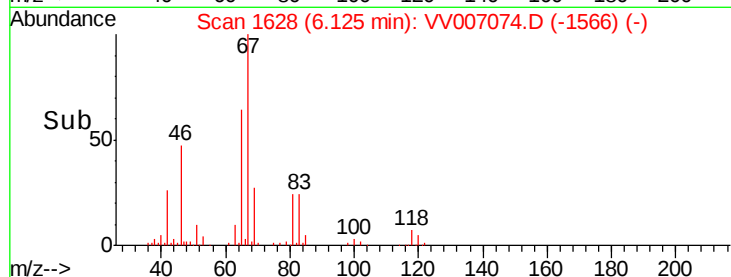
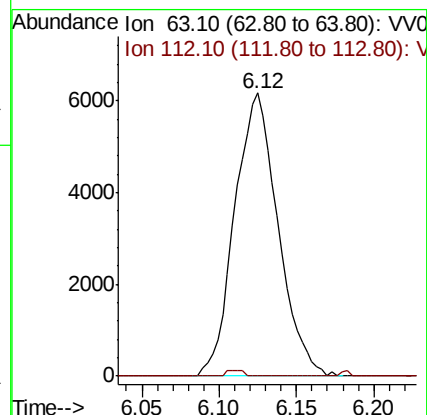
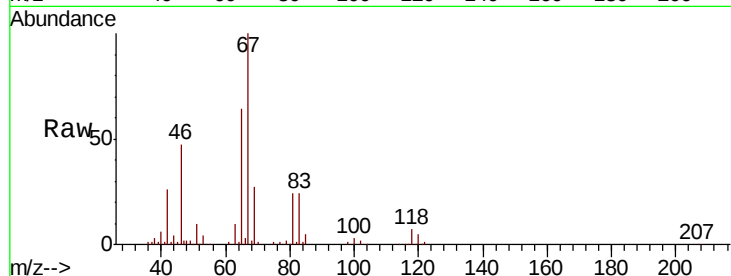
C0302DL

Tot Ion: 63 Resp: 11988

Ion Ratio Lower Upper

63 100

112 0.8 3.5 5.3#



#48

2-Hexanone

Concen: 4.451 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007074.D

Acq: 20 Aug 2018 15:42

Tgt Ion: 43 Resp: 36987

Ion Ratio Lower Upper

43 100

58 46.0 44.2 66.2

57 22.5 14.8 22.2#

100 9.8 8.8 13.2

