

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007073.D
 Acq On : 20 Aug 2018 15:15
 Operator : SY/MD
 Sample : J4488-06DL 20X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C01A4DL

Quant Time: Aug 21 04:06:54 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	238696	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73581	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	69069	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	139013	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.98	46	237711	53.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.41	84	171008	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.09	65	89565	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	328133	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.12	67	113268	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.37	98	238713	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	33508	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.15	63	94998	32.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78207	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	86518	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

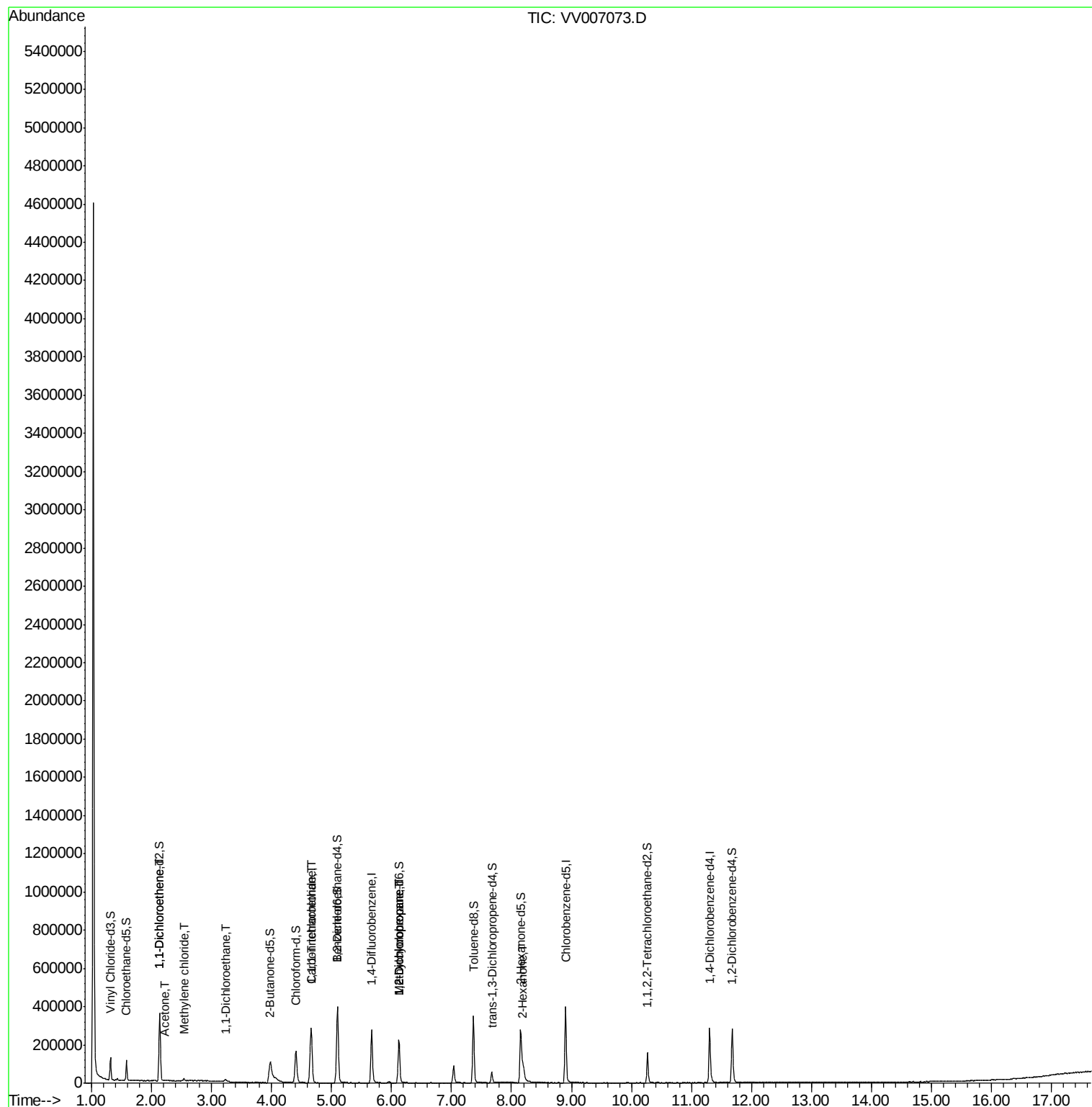
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	68352	3.988	ug/L	90
13) Acetone	2.22	43	1315	0.576	ug/L	87
16) Methylene chloride	2.54	84	5391	0.261	ug/L	95
19) 1,1-Dichloroethane	3.23	63	9535	0.288	ug/L #	85
29) 1,1,1-Trichloroethane	4.66	97	228252	7.358	ug/L	99
31) Carbon tetrachloride	4.66	117	31113	1.196	ug/L	99
35) Methylcyclohexane	6.12	83	25943	0.836	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11584	0.525	ug/L #	90
48) 2-Hexanone	8.20	43	37980	4.519	ug/L #	95

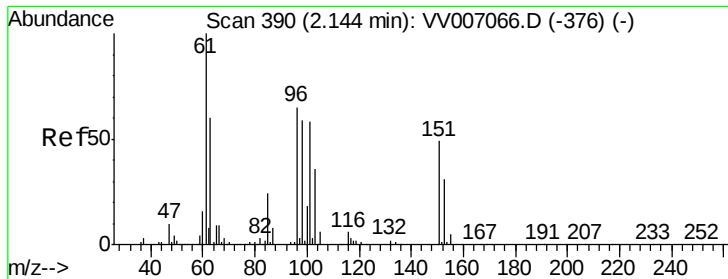
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 04:05:27 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.988 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007073.D

Acq: 20 Aug 2018 15:15

Instrument :

MSVOA_V

ClientSampleId :

C01A4DL

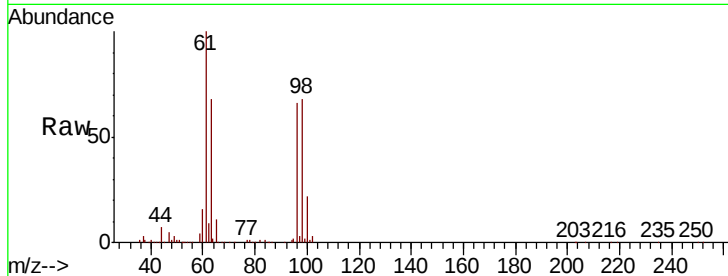
Tot Ion: 96 Resp: 68352

Ion Ratio Lower Upper

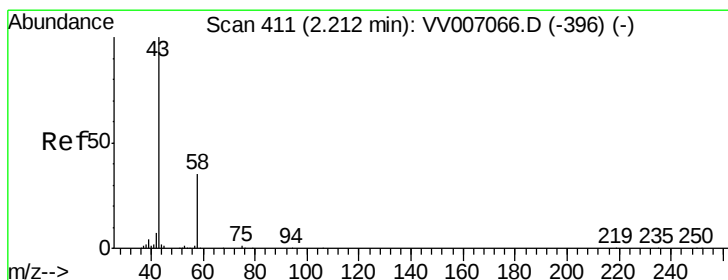
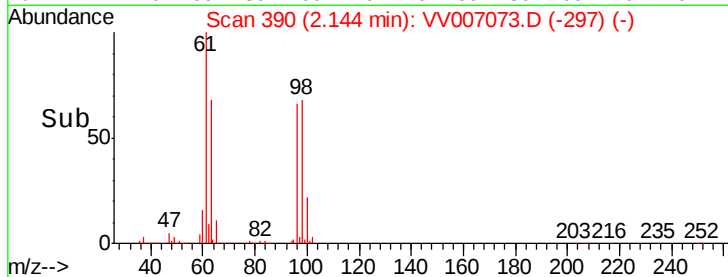
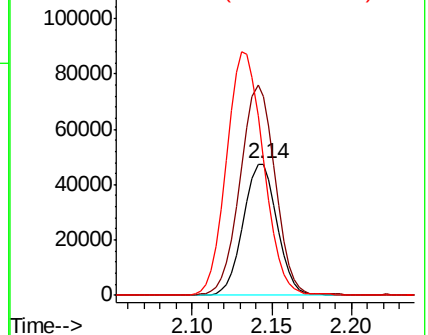
96 100

61 151.9 111.6 207.4

63 103.5 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: 0.576 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV007073.D

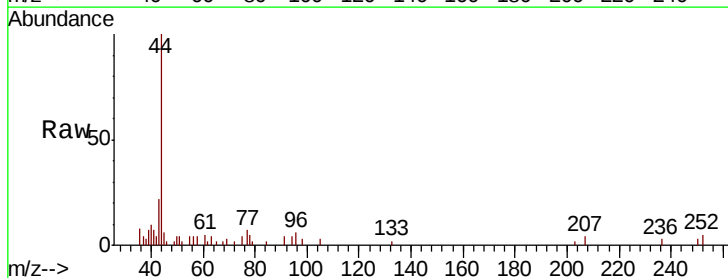
Acq: 20 Aug 2018 15:15

Tgt Ion: 43 Resp: 1315

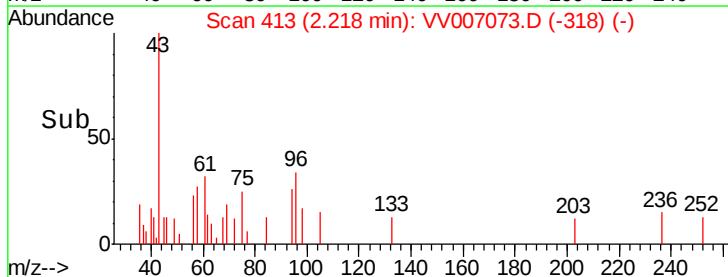
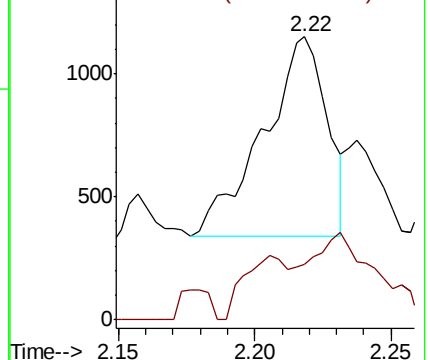
Ion Ratio Lower Upper

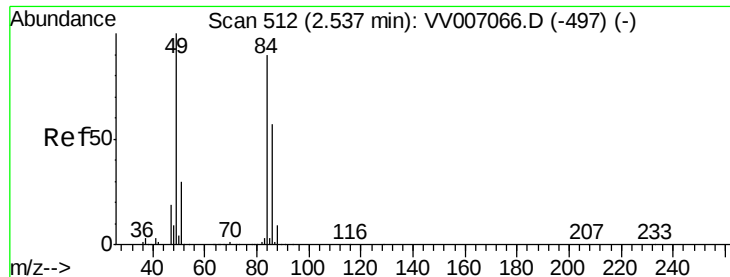
43 100

58 43.3 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0

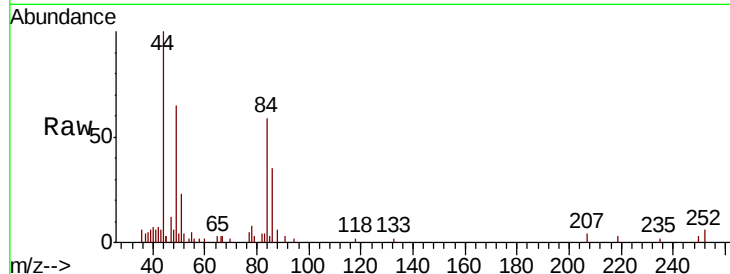




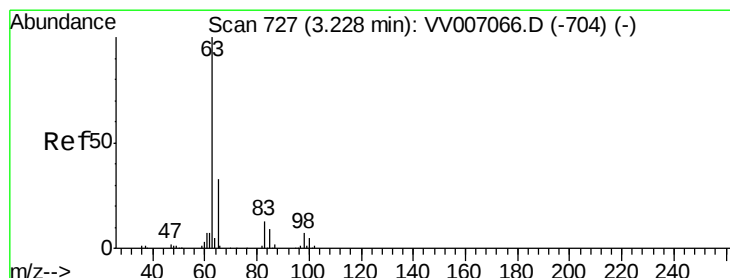
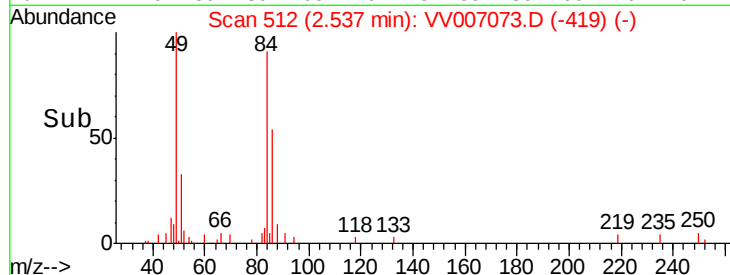
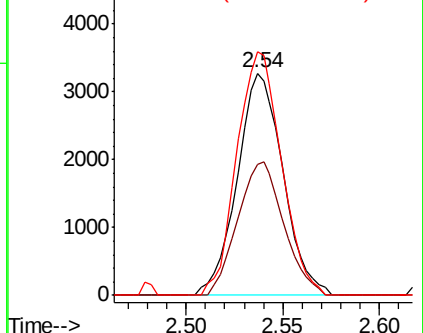
#16
Methvlene chloride
Concen: 0.261 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV007073.D
Acq: 20 Aug 2018 15:15

Instrument :
MSVOA_V
ClientSampled :
C01A4DL

Tot Ion: 84 Resp: 5391
Ion Ratio Lower Upper
84 100
86 58.9 45.7 84.9
49 109.8 78.8 146.4

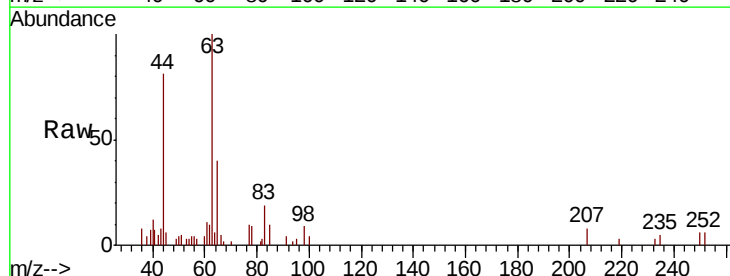


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

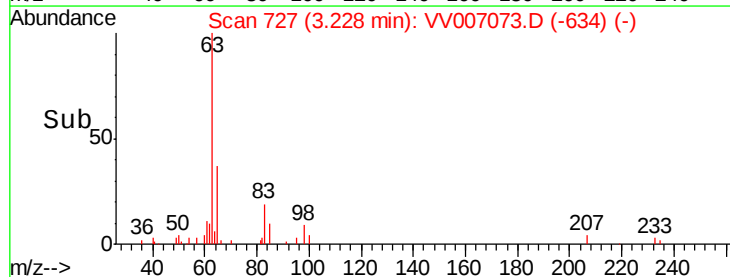
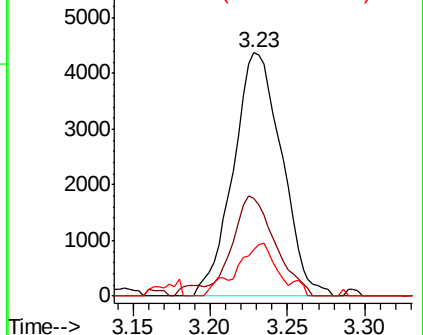


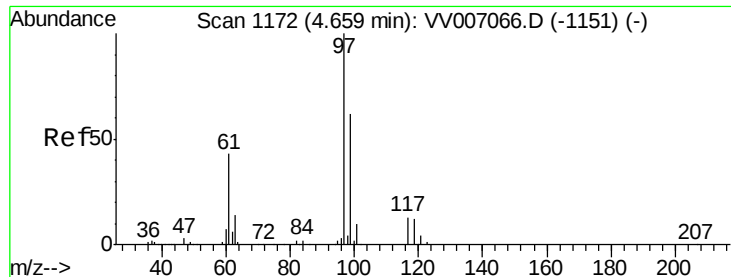
#19
1,1-Dichloroethane
Concen: 0.288 ug/L
RT: 3.23 min Scan# 727
Delta R.T. -0.00 min
Lab File: VV007073.D
Acq: 20 Aug 2018 15:15

Tgt Ion: 63 Resp: 9535
Ion Ratio Lower Upper
63 100
65 40.4 21.7 40.3#
83 19.0 10.0 18.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

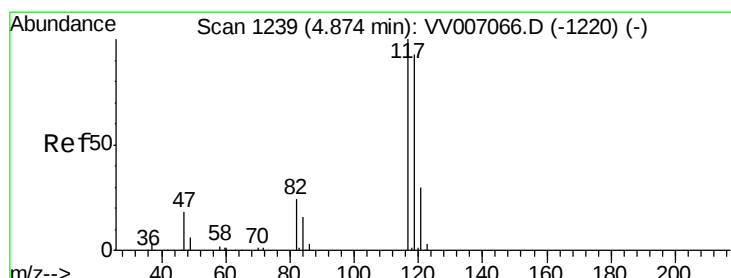
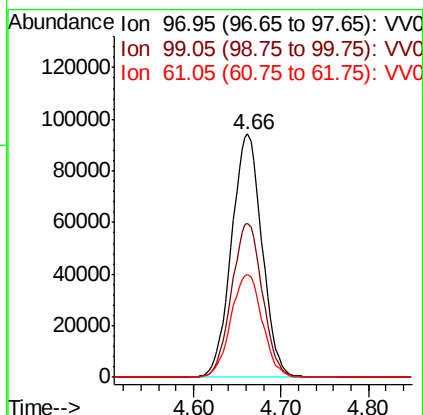
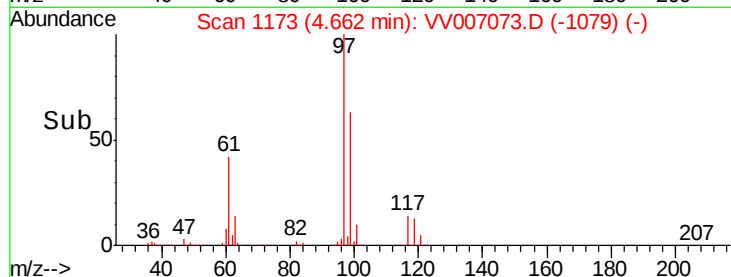
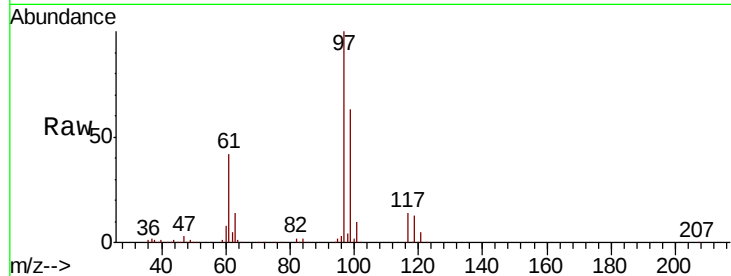




#29
 1,1,1-Trichloroethane
 Concen: 7.358 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007073.D
 Acq: 20 Aug 2018 15:15

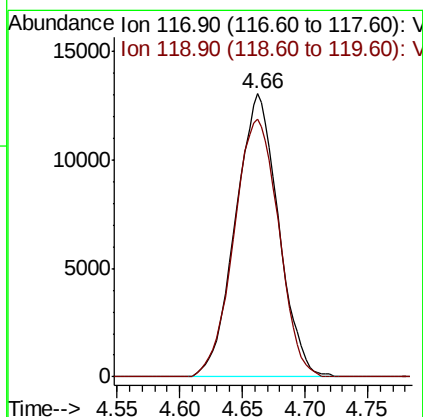
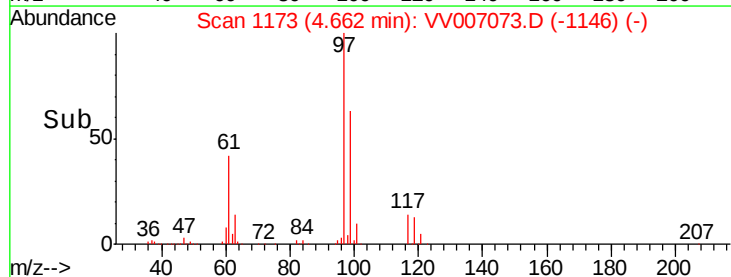
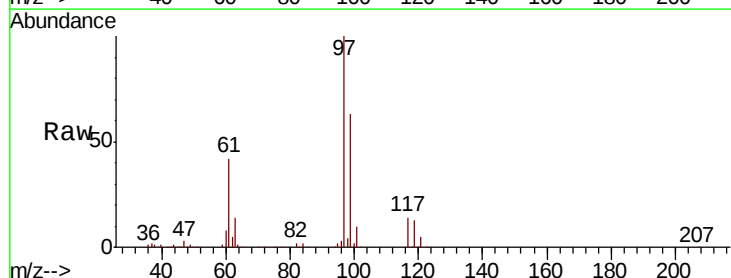
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 MSVOA_V
 ClientSampleId :
 C01A4DL

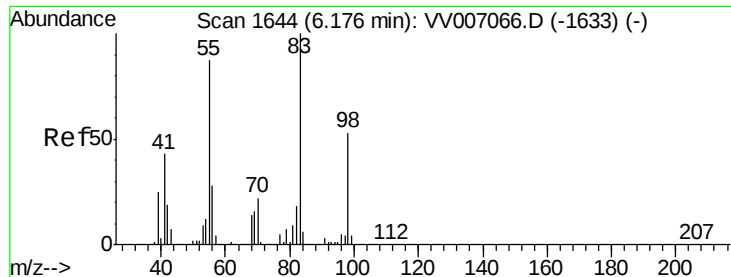
Tot Ion	97	Resp	228252
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	43.7	36.6	54.8



#31
 Carbon tetrachloride
 Concen: 1.196 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.21 min
 Lab File: VV007073.D
 Acq: 20 Aug 2018 15:15

Tgt Ion	117	Resp	31113
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.4

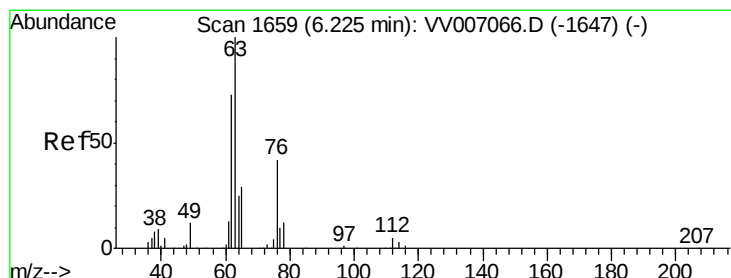
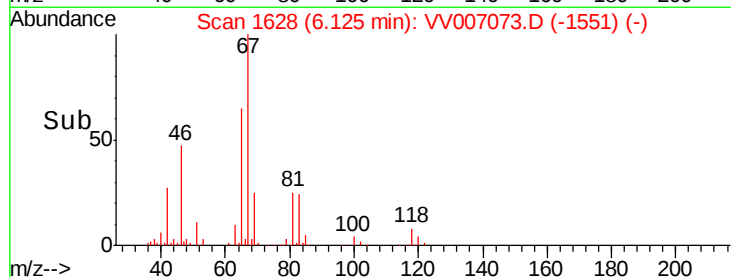
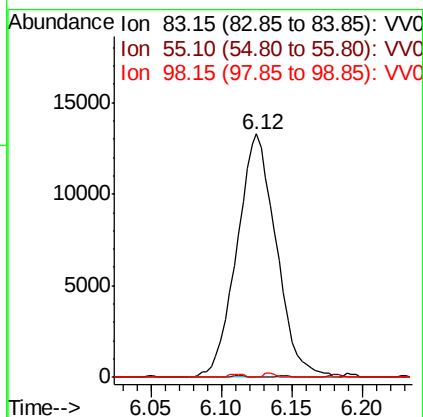
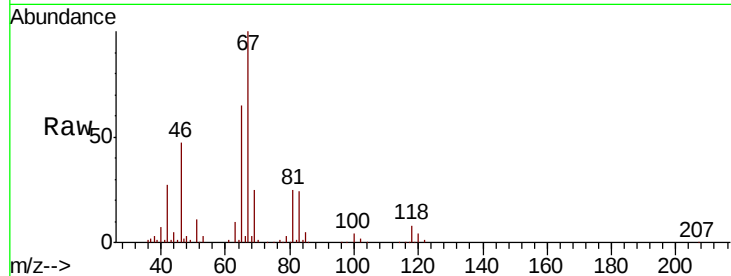




#35
Methvlcvclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007073.D
Acq: 20 Aug 2018 15:15

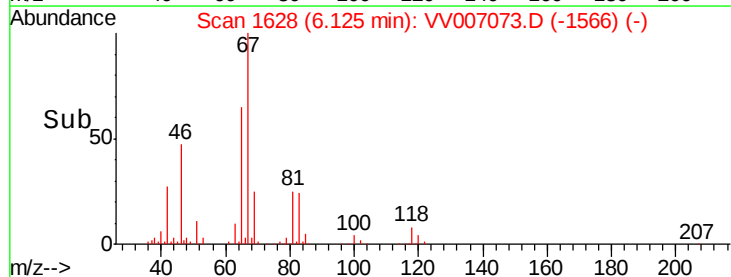
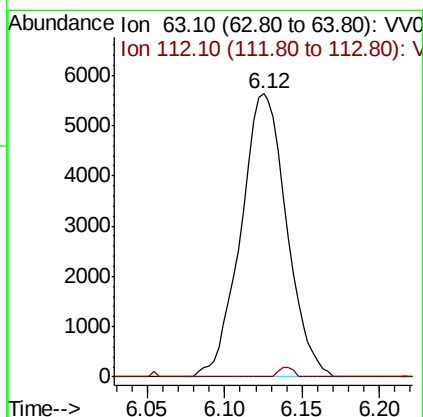
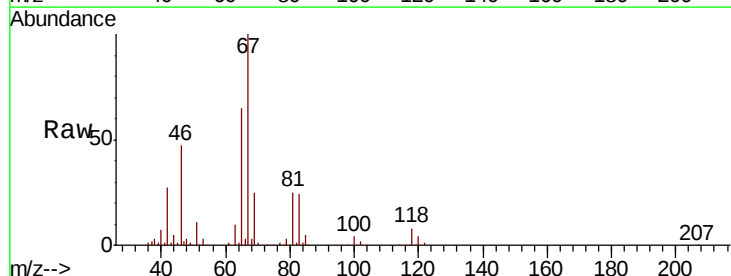
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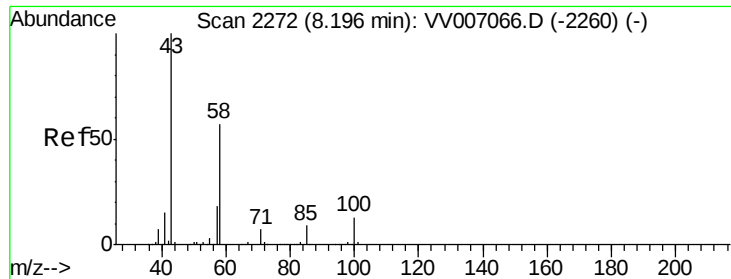
Tot Ion: 83 Resp: 25943
Ion Ratio Lower Upper
83 100
55 0.3 68.1 102.1#
98 0.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007073.D
Acq: 20 Aug 2018 15:15

Tgt Ion: 63 Resp: 11584
Ion Ratio Lower Upper
63 100
112 1.0 3.5 5.3#





#48
 2-Hexanone
 Concen: 4.519 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007073.D
 Acq: 20 Aug 2018 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C01A4DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	44.2	66.2
57	22.7	14.8	22.2#
100	7.9	8.8	13.2#

