

Data File : VV007037.D
Acq On : 16 Aug 2018 12:27
Operator : SY/MD
Sample : J4487-19DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0351DL

Quant Time: Aug 17 01:14:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 17 01:13:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67480	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	56714	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	139438	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	3.97	46	162563	40.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.82%
24) Chloroform-d	4.41	84	129307	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	65076	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	252920	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	85153	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	187029	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	25257	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.15	63	68368	26.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57569	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	63347	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

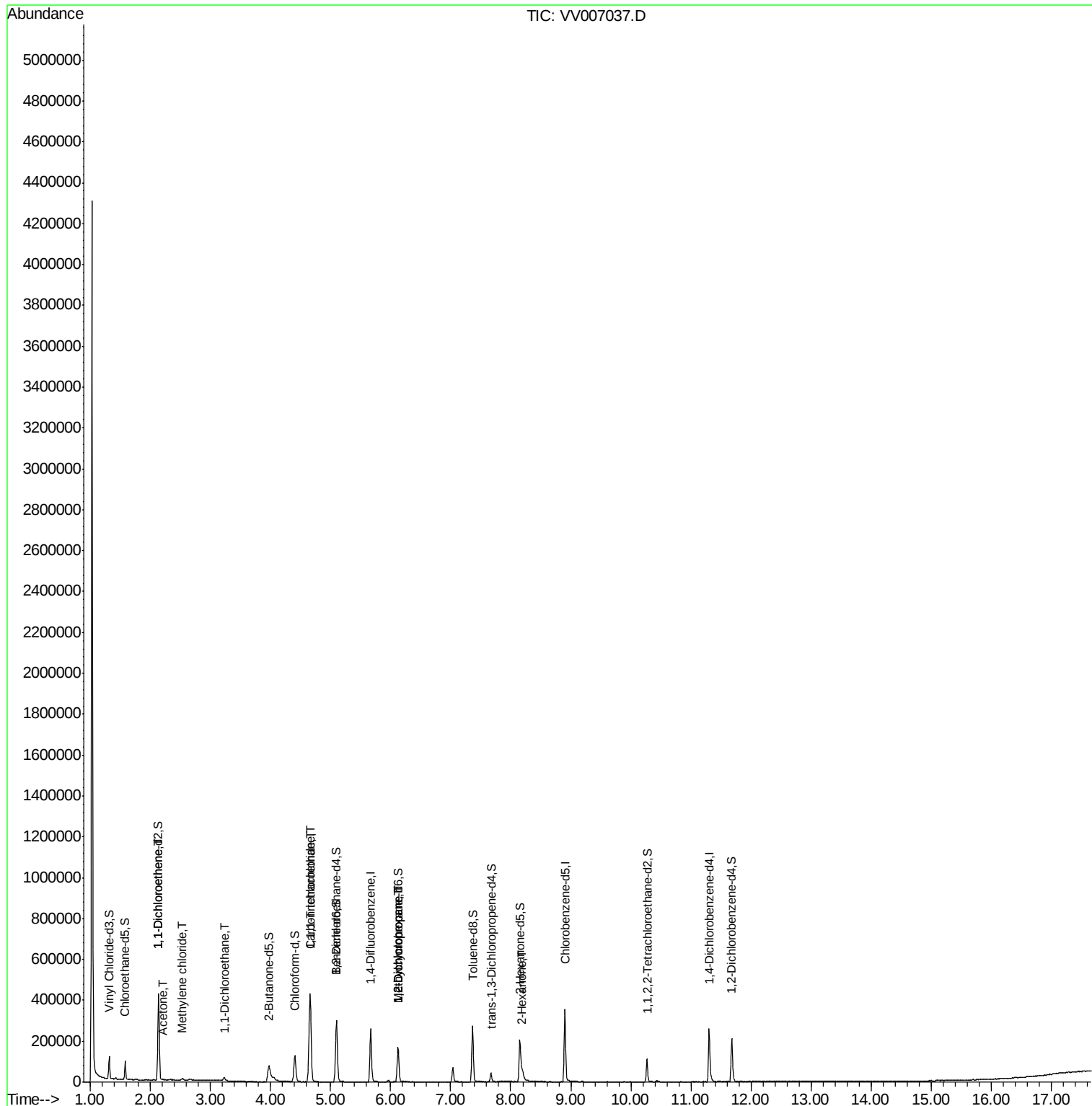
						Qvalue
12) 1,1-Dichloroethene	2.14	96	98588	6.336	ug/L	92
13) Acetone	2.21	43	971	0.469	ug/L	91
16) Methylene chloride	2.54	84	4033	0.215	ug/L	95
19) 1,1-Dichloroethane	3.23	63	13070	0.434	ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	344455	12.374	ug/L	99
31) Carbon tetrachloride	4.66	117	45657	1.956	ug/L	97
35) Methylcyclohexane	6.12	83	19697	0.707	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8989	0.454	ug/L #	88
48) 2-Hexanone	8.20	43	22988	3.048	ug/L	95

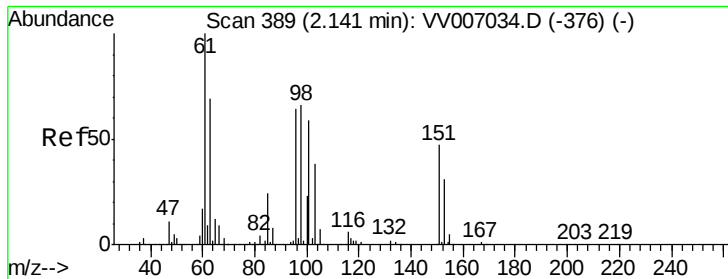
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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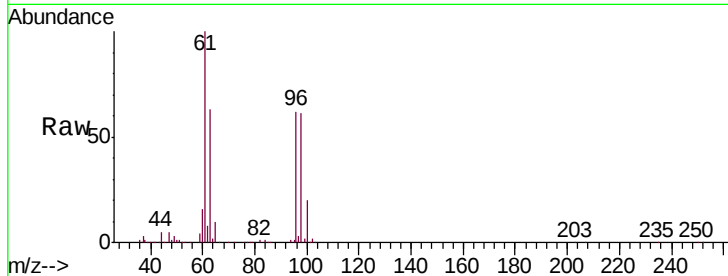




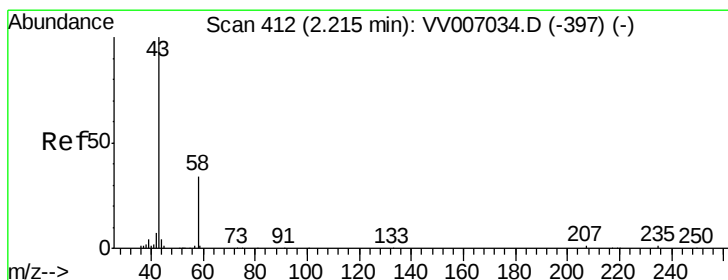
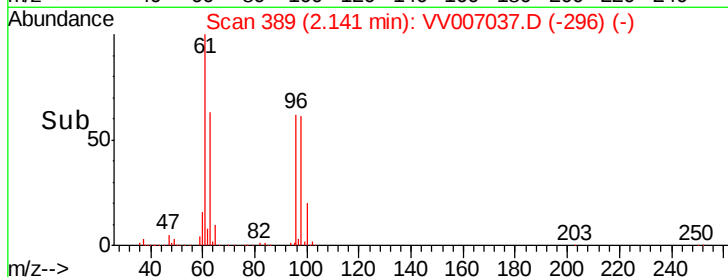
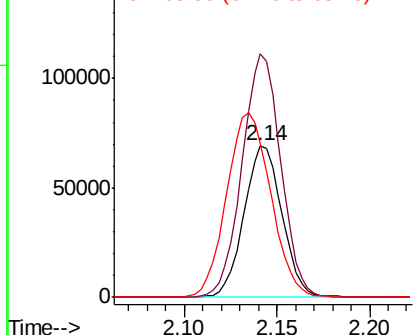
#12
 1,1-Dichloroethene
 Concen: 6.336 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VV007037.D
 Acq: 16 Aug 2018 12:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0351DL

Tgt Ion: 96 Resp: 98588
 Ion Ratio Lower Upper
 96 100
 61 160.6 111.6 207.4
 63 101.2 84.9 157.7

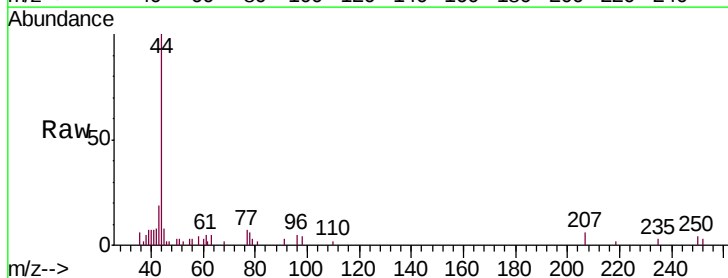


Abundance Ion 96.00 (95.70 to 96.70): VV0
 150000 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

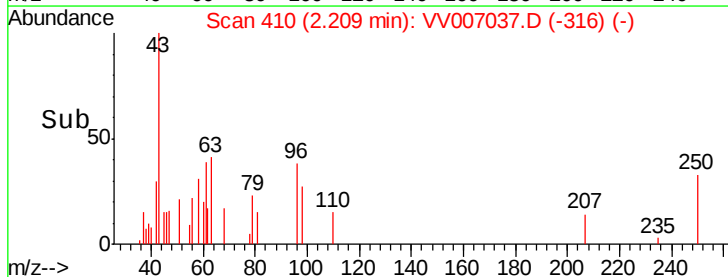
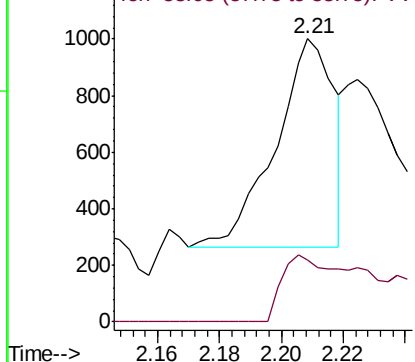


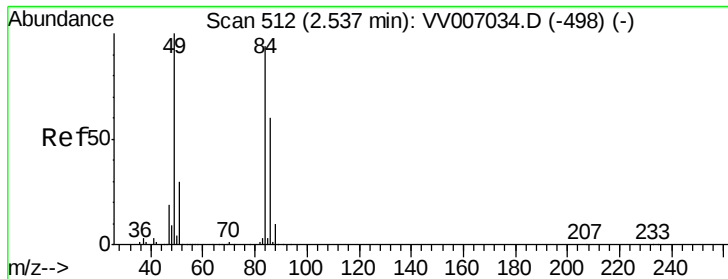
#13
 Acetone
 Concen: 0.469 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VV007037.D
 Acq: 16 Aug 2018 12:27

Tgt Ion: 43 Resp: 971
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
 1200 Ion 58.05 (57.75 to 58.75): VV0

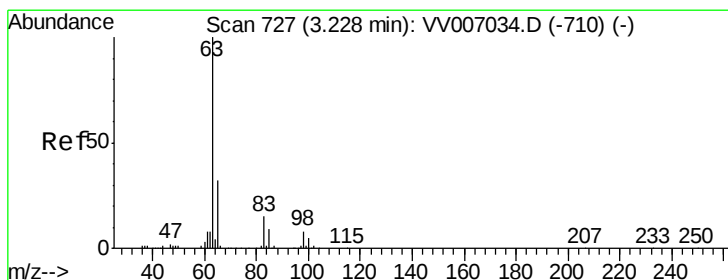
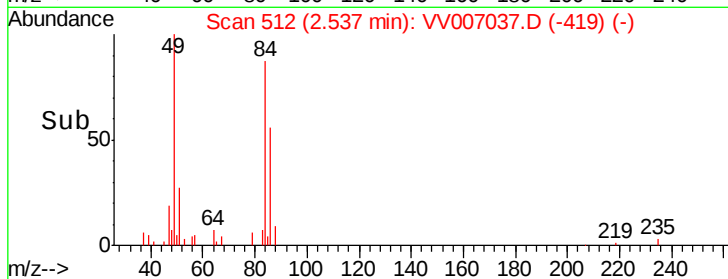
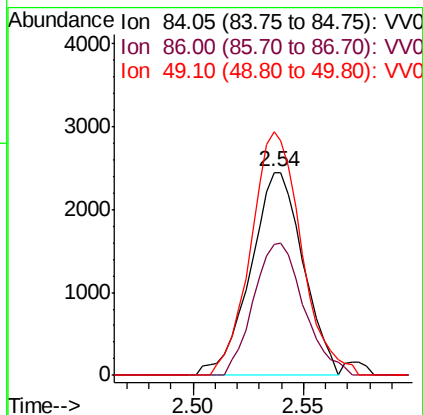
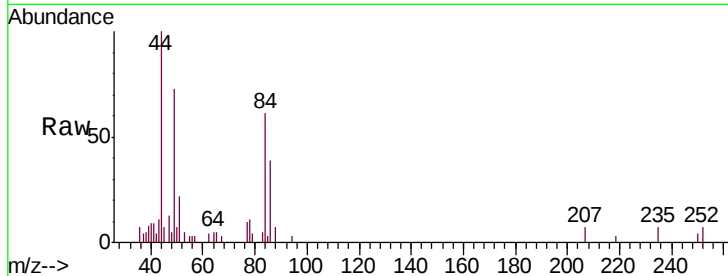




#16
Methylene chloride
Concen: 0.215 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV007037.D
Acq: 16 Aug 2018 12:27

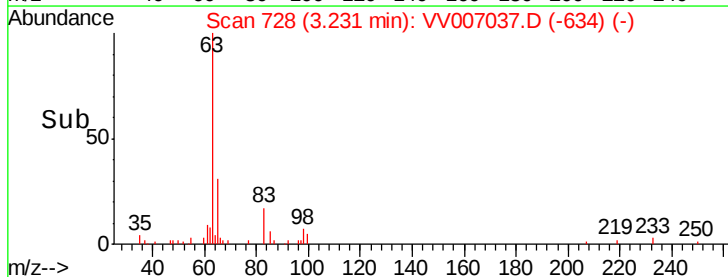
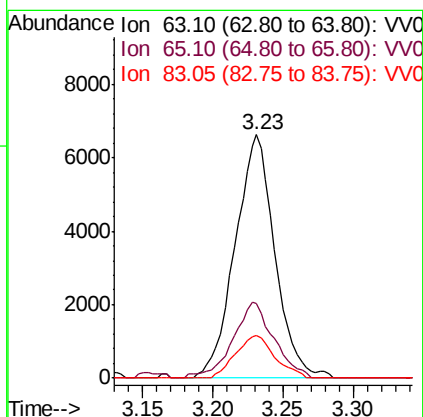
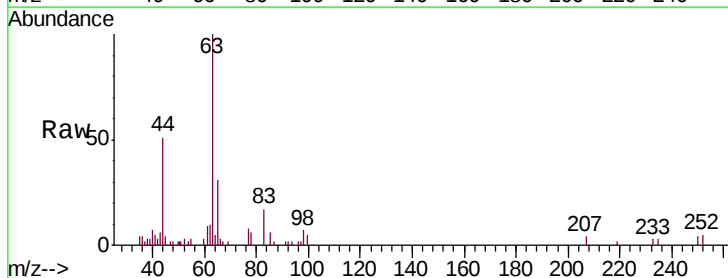
Instrument :
MSVOA_V
ClientSampleId :
C0351DL

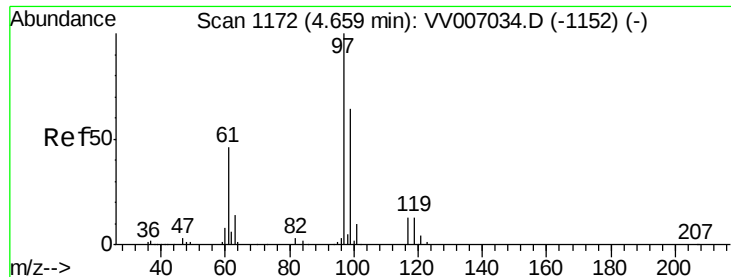
Tgt Ion: 84 Resp: 4033
Ion Ratio Lower Upper
84 100
86 64.3 45.7 84.9
49 119.9 78.8 146.4



#19
1,1-Dichloroethane
Concen: 0.434 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007037.D
Acq: 16 Aug 2018 12:27

Tgt Ion: 63 Resp: 13070
Ion Ratio Lower Upper
63 100
65 33.6 21.7 40.3
83 17.4 10.0 18.6

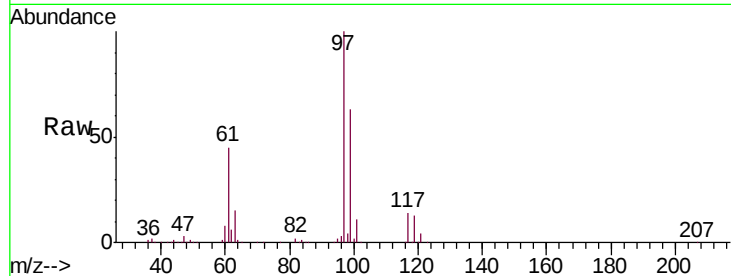




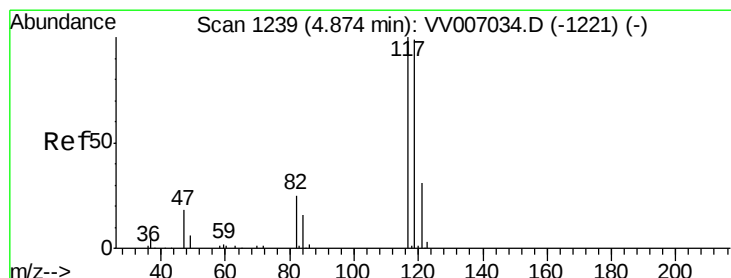
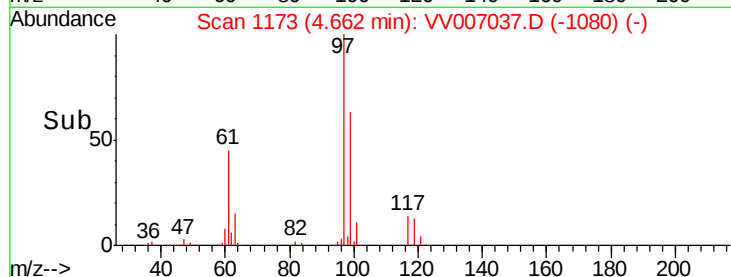
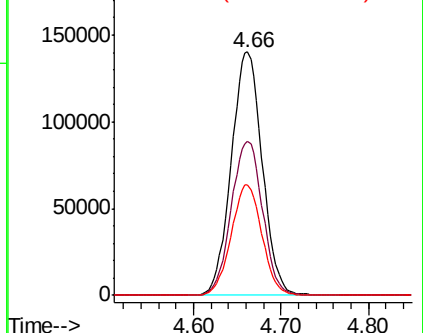
#29
 1,1,1-Trichloroethane
 Concen: 12.374 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007037.D
 Acq: 16 Aug 2018 12:27

Instrument :
 MSVOA_V
 ClientSampleID :
 C0351DL

Tgt Ion: 97 Resp: 344455
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.0 76.6
 61 45.1 36.6 54.8

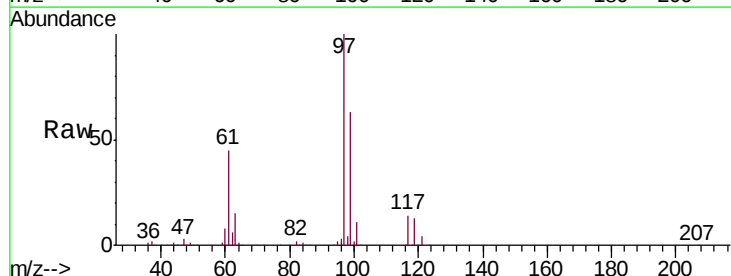


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

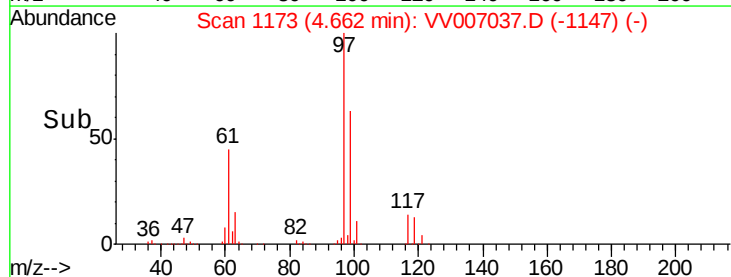
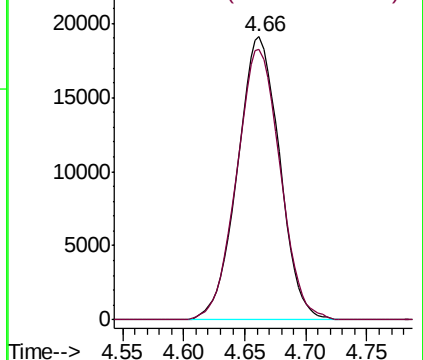


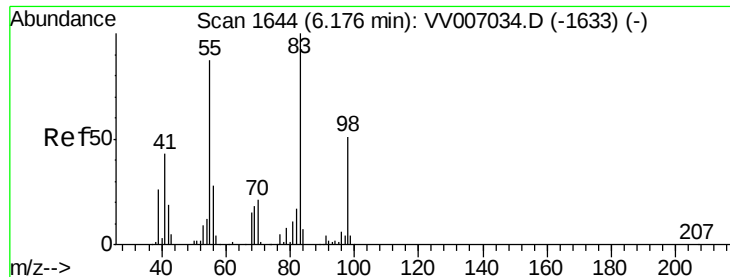
#31
 Carbon tetrachloride
 Concen: 1.956 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007037.D
 Acq: 16 Aug 2018 12:27

Tgt Ion: 117 Resp: 45657
 Ion Ratio Lower Upper
 117 100
 119 98.7 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

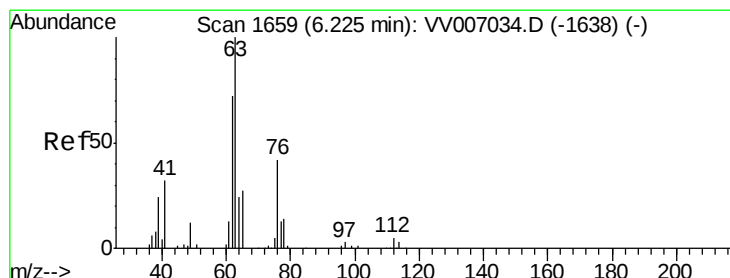
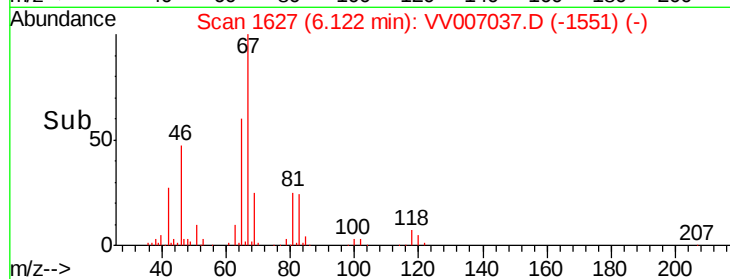
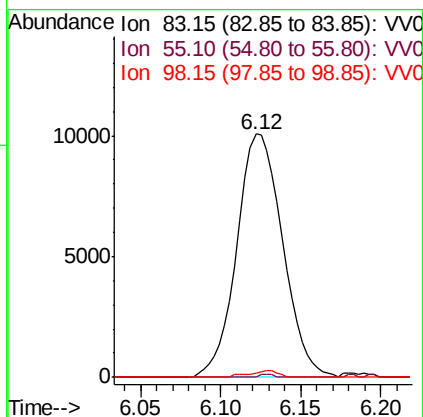
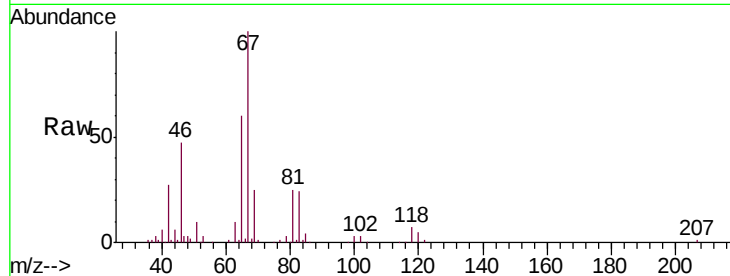




#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV007037.D
Acq: 16 Aug 2018 12:27

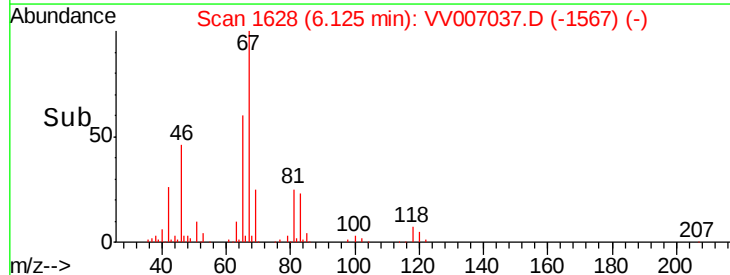
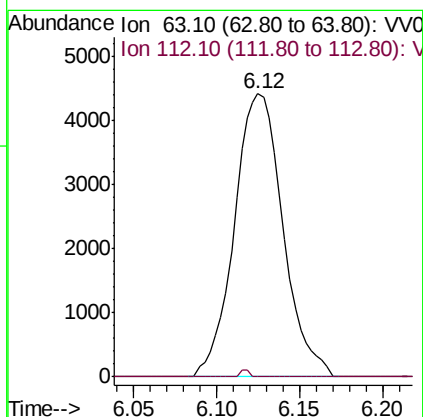
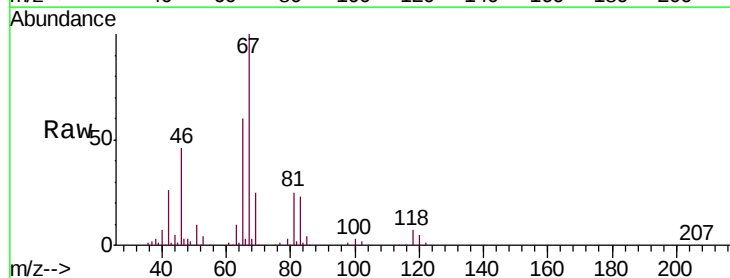
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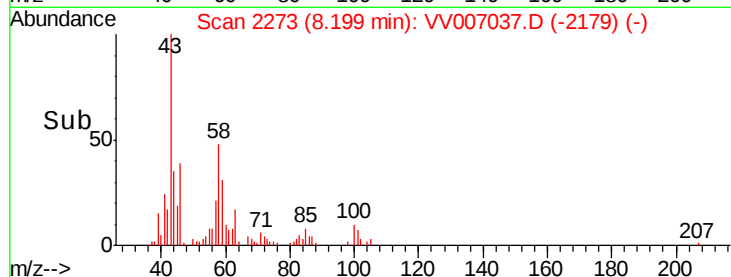
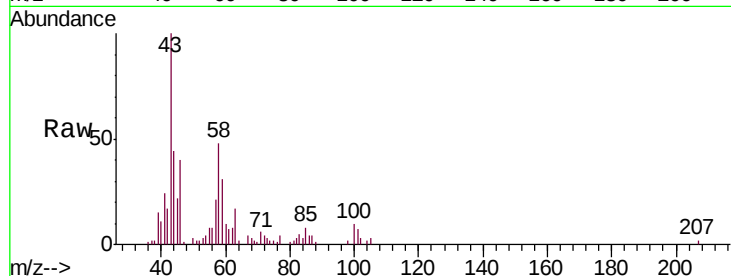
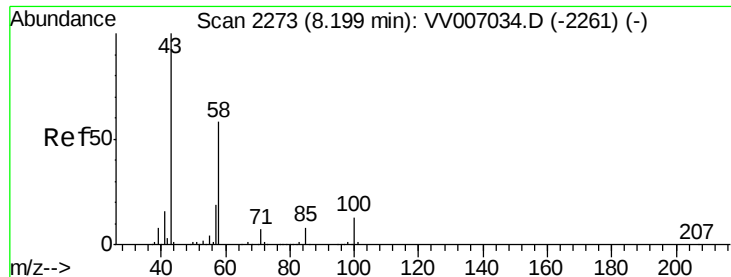
Tgt Ion: 83 Resp: 19697
Ion Ratio Lower Upper
83 100
55 0.4 68.1 102.1#
98 1.8 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007037.D
Acq: 16 Aug 2018 12:27

Tgt Ion: 63 Resp: 8989
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#





#48

2-Hexanone

Concen: 3.048 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007037.D

Acq: 16 Aug 2018 12:27

Instrument :

MSVOA_V

ClientSampleId :

C0351DL

Tgt Ion: 43 Resp: 22988

Ion Ratio Lower Upper

43 100

58 50.8 44.2 66.2

57 20.7 14.8 22.2

100 10.3 8.8 13.2

Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

