

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007240.D
 Acq On : 28 Aug 2018 23:35
 Operator : SY/MD
 Sample : J4628-23MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3G6MSD

Quant Time: Aug 29 04:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222370	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75274	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	65351	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	141656	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	3.97	46	209039	53.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.40	84	161576	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	81621	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	298682	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	103873	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.37	98	222946	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	32161	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.15	63	83139	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80768	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	84215	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

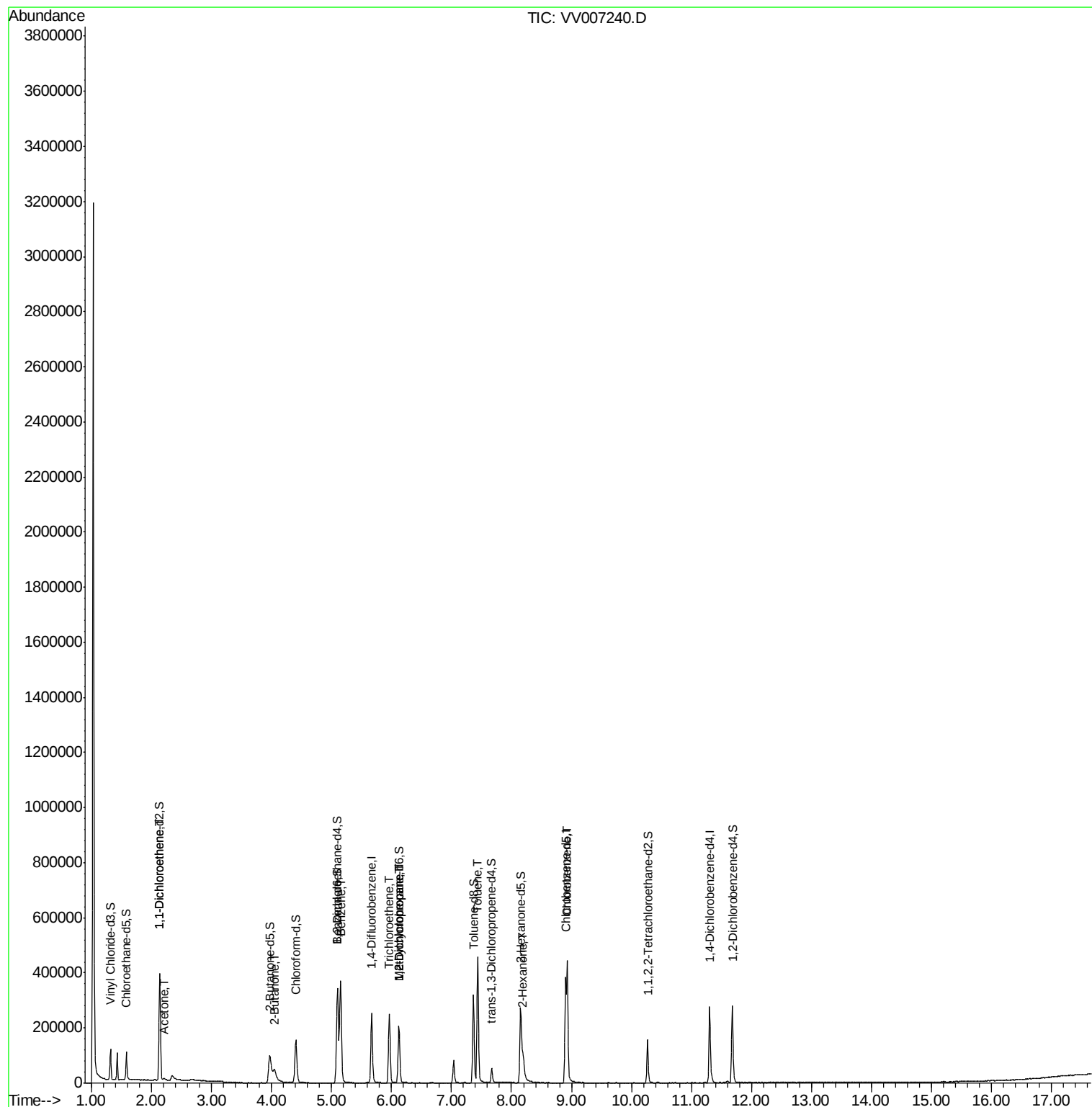
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	85333	6.342	ug/L	96
13) Acetone	2.21	43	6568	3.323	ug/L	95
21) 2-Butanone	4.04	43	5234	1.274	ug/L #	57
33) Benzene	5.15	78	382223	5.750	ug/L	100
34) Trichloroethene	5.96	95	89241	5.323	ug/L	99
35) Methylcyclohexane	6.12	83	24457	0.997	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	10619	0.602	ug/L #	86
42) Toluene	7.44	91	340884	5.223	ug/L	98
48) 2-Hexanone	8.20	43	43422	6.297	ug/L #	88
51) Chlorobenzene	8.93	112	240306	5.416	ug/L	99

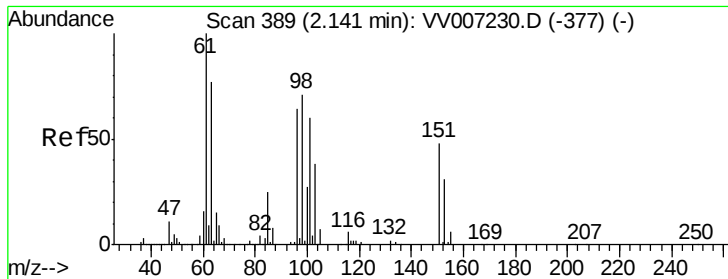
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 04:00:48 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.342 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

DB3G6MSD

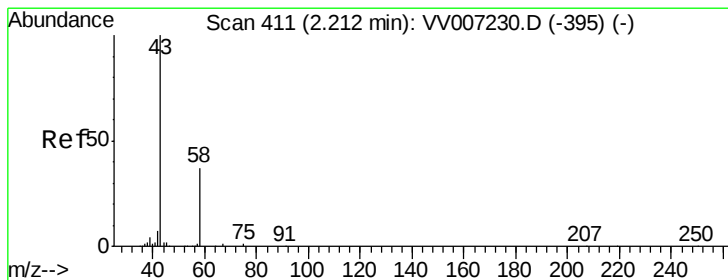
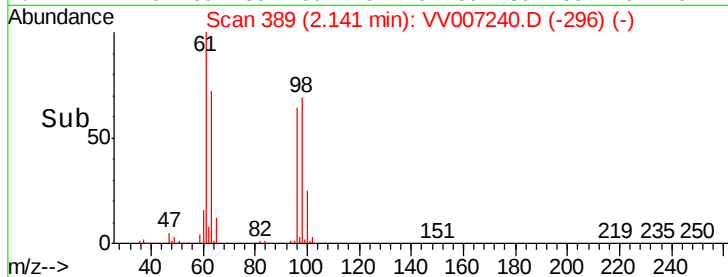
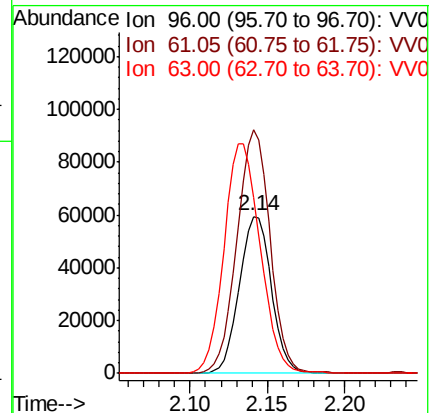
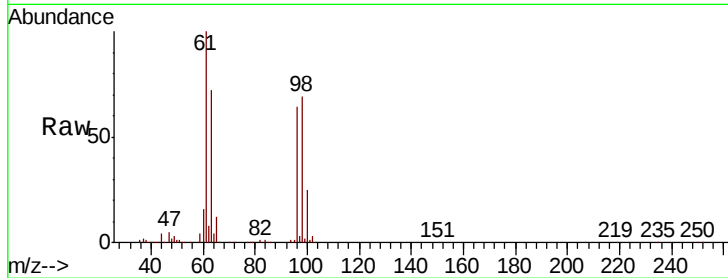
Tot Ion: 96 Resp: 85333

Ion Ratio Lower Upper

96 100

61 155.5 112.3 208.5

63 112.1 75.4 140.0



#13

Acetone

Concen: 3.323 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007240.D

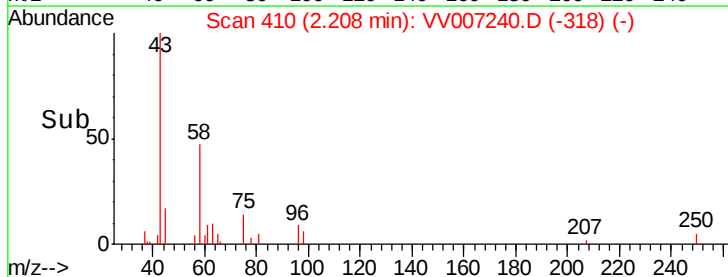
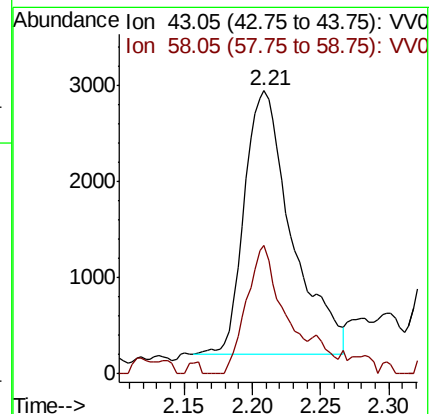
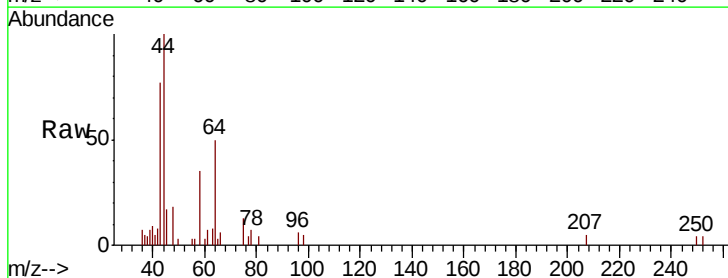
Acq: 28 Aug 2018 23:35

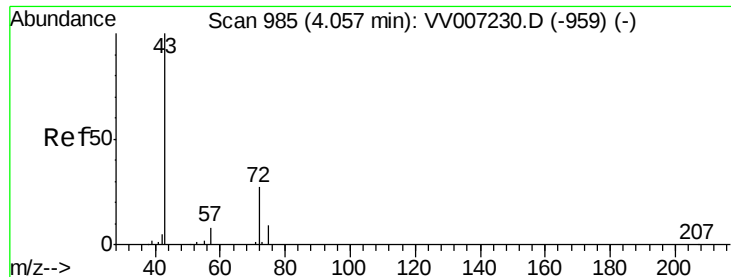
Tgt Ion: 43 Resp: 6568

Ion Ratio Lower Upper

43 100

58 38.1 0.0 70.2





#21

2-Butanone

Concen: 1.274 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.02 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

Instrument :

MSVOA_V

ClientSampled :

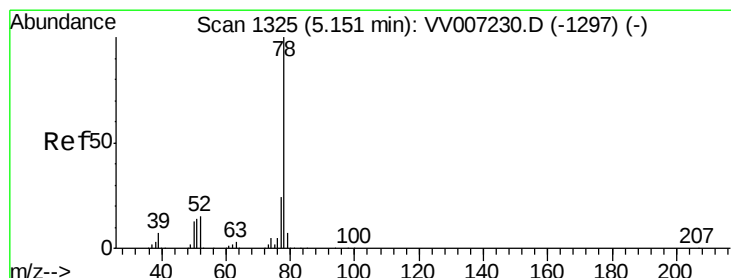
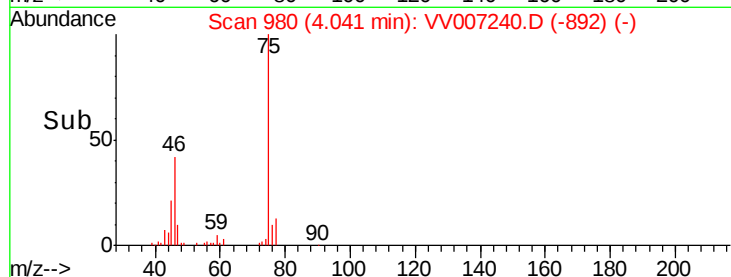
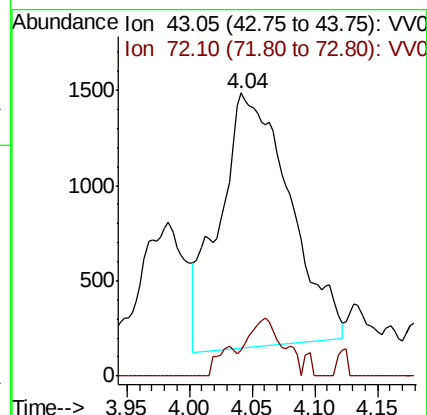
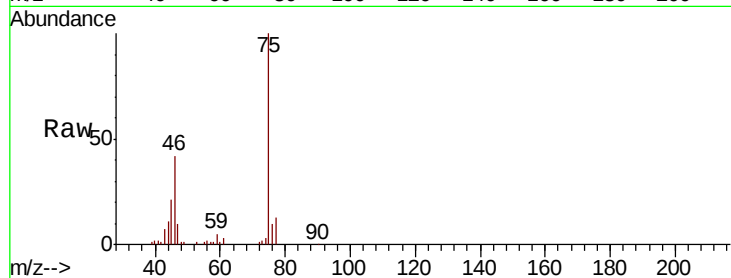
DB3G6MSD

Tot Ion: 43 Resp: 5234

Ion Ratio Lower Upper

43 100

72 3.2 12.4 37.0#



#33

Benzene

Concen: 5.750 ug/L

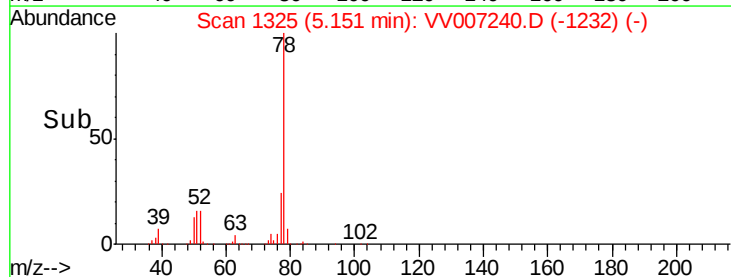
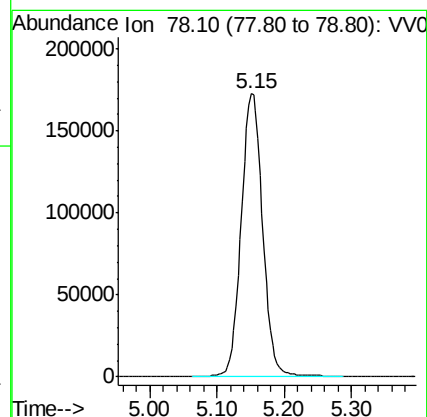
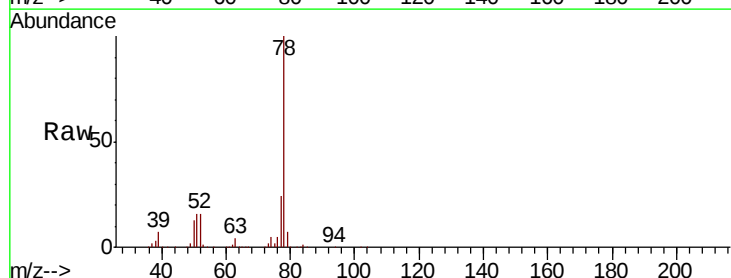
RT: 5.15 min Scan# 1325

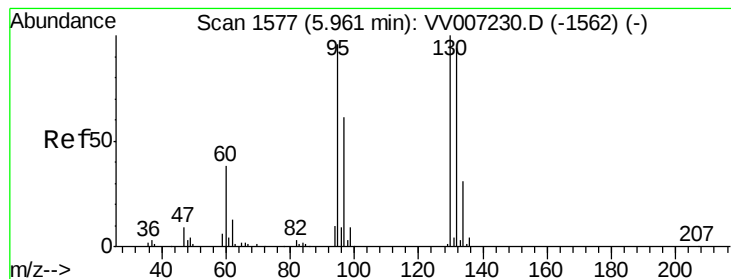
Delta R.T. -0.00 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

Tgt Ion: 78 Resp: 382223





#34

Trichloroethene

Concen: 5.323 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

DB3G6MSD

Tot Ion: 95 Resp: 89241

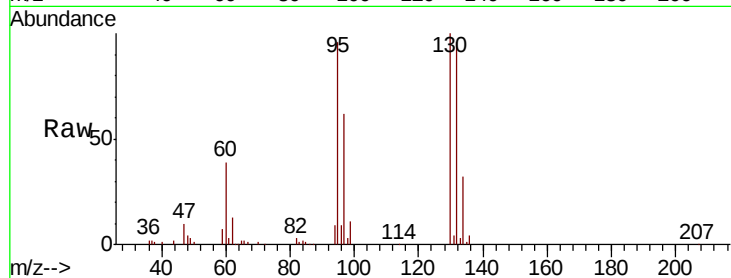
Ion Ratio Lower Upper

95 100

97 64.5 44.2 82.2

132 100.4 71.3 132.3

130 104.7 72.8 135.2

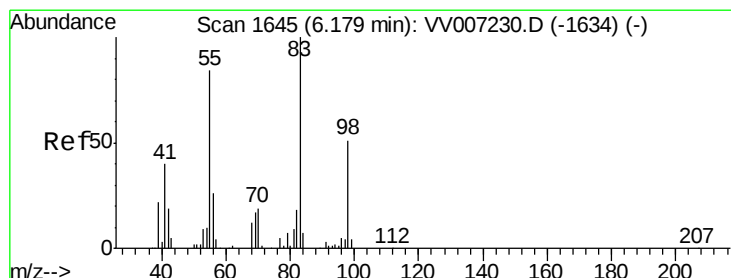
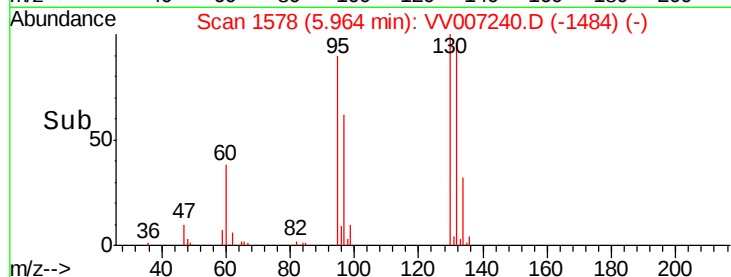
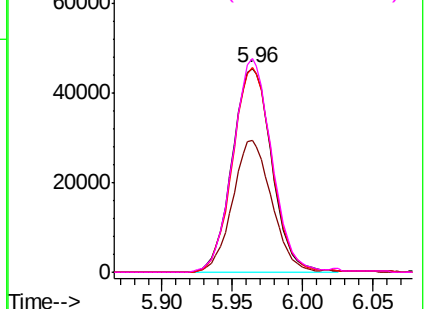


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.997 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

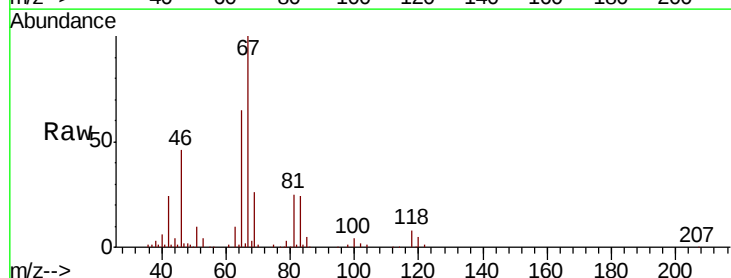
Tgt Ion: 83 Resp: 24457

Ion Ratio Lower Upper

83 100

55 0.6 64.0 96.0#

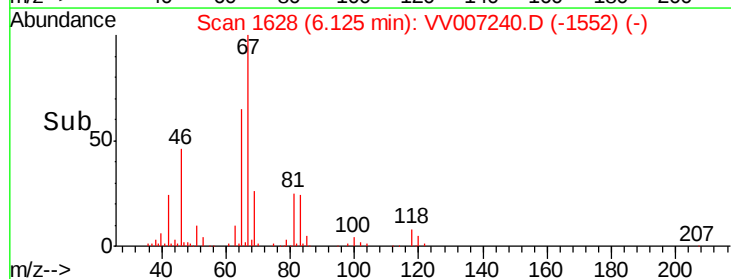
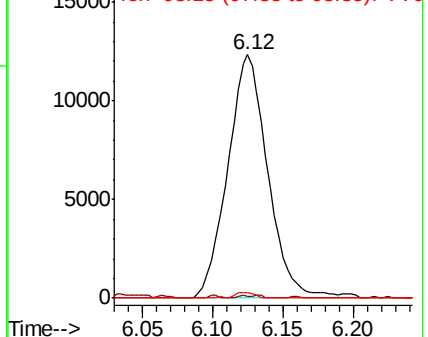
98 1.1 38.8 58.2#

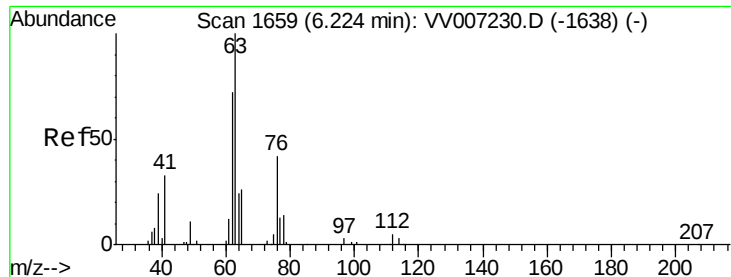


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

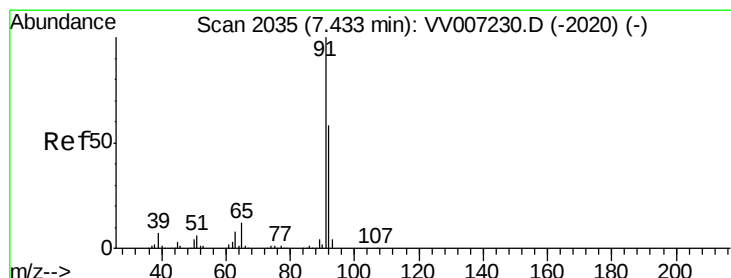
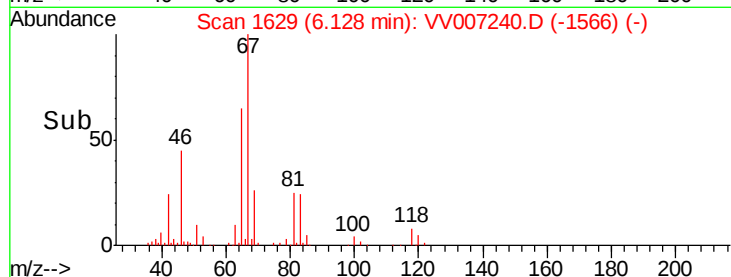
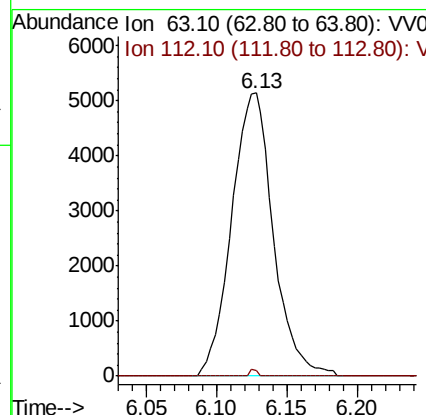
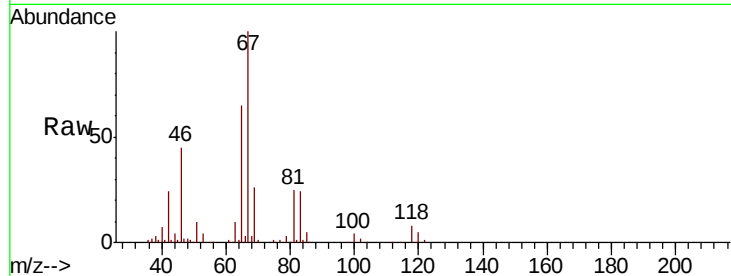




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV007240.D
 Acq: 28 Aug 2018 23:35

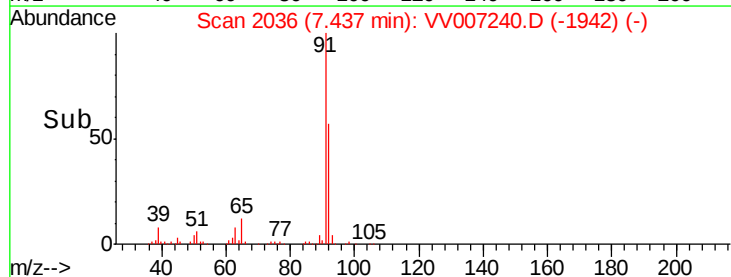
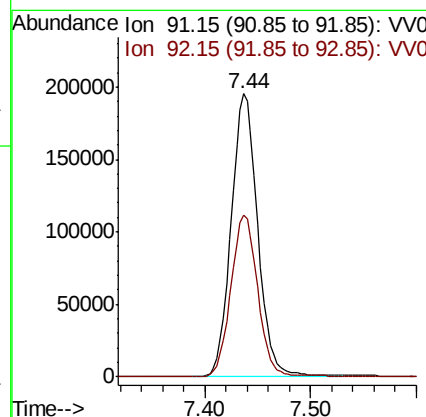
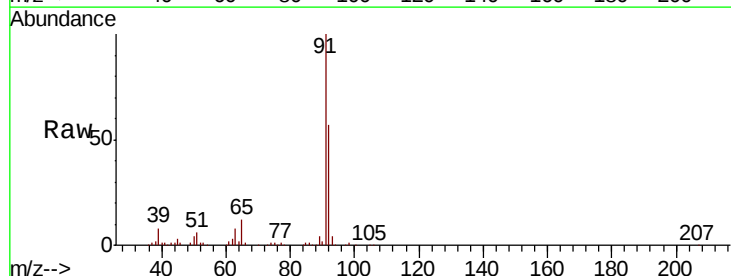
Instrument :
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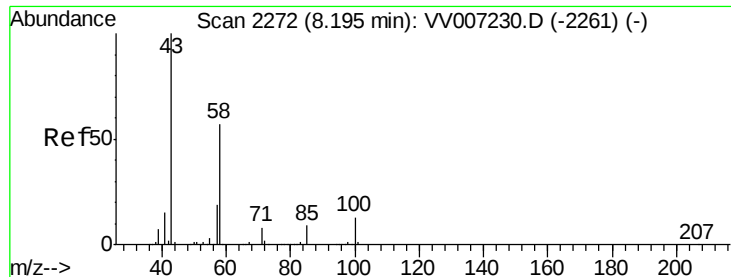
Tot Ion: 63 Resp: 10619
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.9 5.9#



#42
 Toluene
 Concen: 5.223 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007240.D
 Acq: 28 Aug 2018 23:35

Tgt Ion: 91 Resp: 340884
 Ion Ratio Lower Upper
 91 100
 92 57.2 41.1 76.3

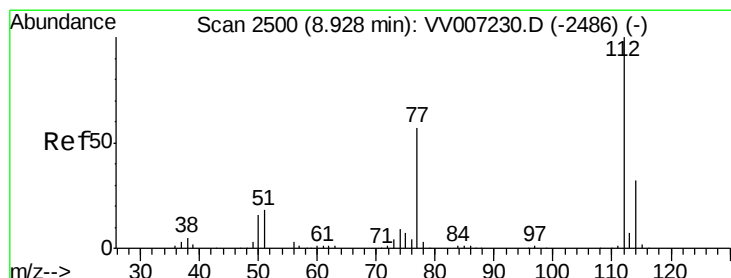
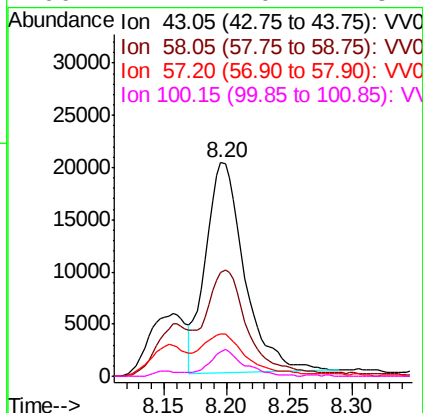
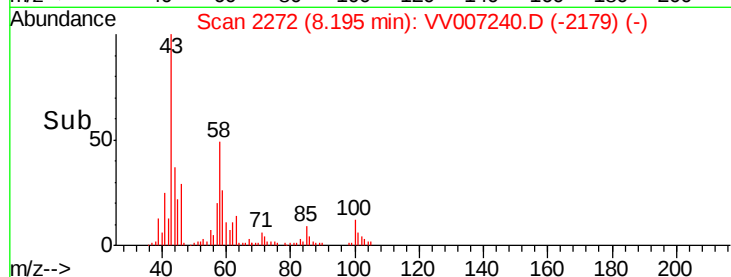
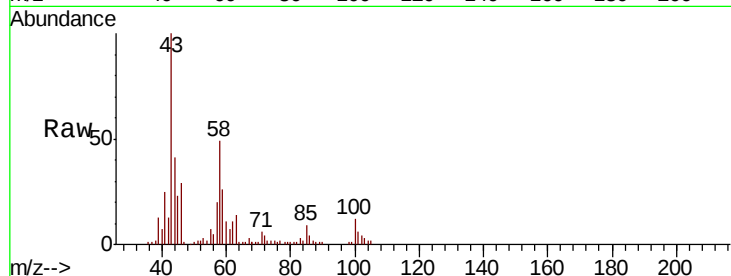




#48
 2-Hexanone
 Concen: 6.297 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV007240.D
 Acq: 28 Aug 2018 23:35

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3G6MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.3	50.0	75.0#
57	22.4	16.6	25.0
100	11.2	10.2	15.4



#51
 Chlorobenzene
 Concen: 5.416 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV007240.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	57.0	45.9	68.9

