

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071018\
 Data File : VV006579.D
 Acq On : 10 Jul 2018 19:56
 Operator : SY/MD
 Sample : J3919-07MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2MSD

Quant Time: Jul 11 03:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 11 03:34:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	315884	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	288041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68232	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	62921	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.13	63	133738	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.95	46	197258	45.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.44%
24) Chloroform-d	4.41	84	141346	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.09	65	71159	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.10	84	288514	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	94030	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	247769	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	27713	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.14	63	182330	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73611	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	102274	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

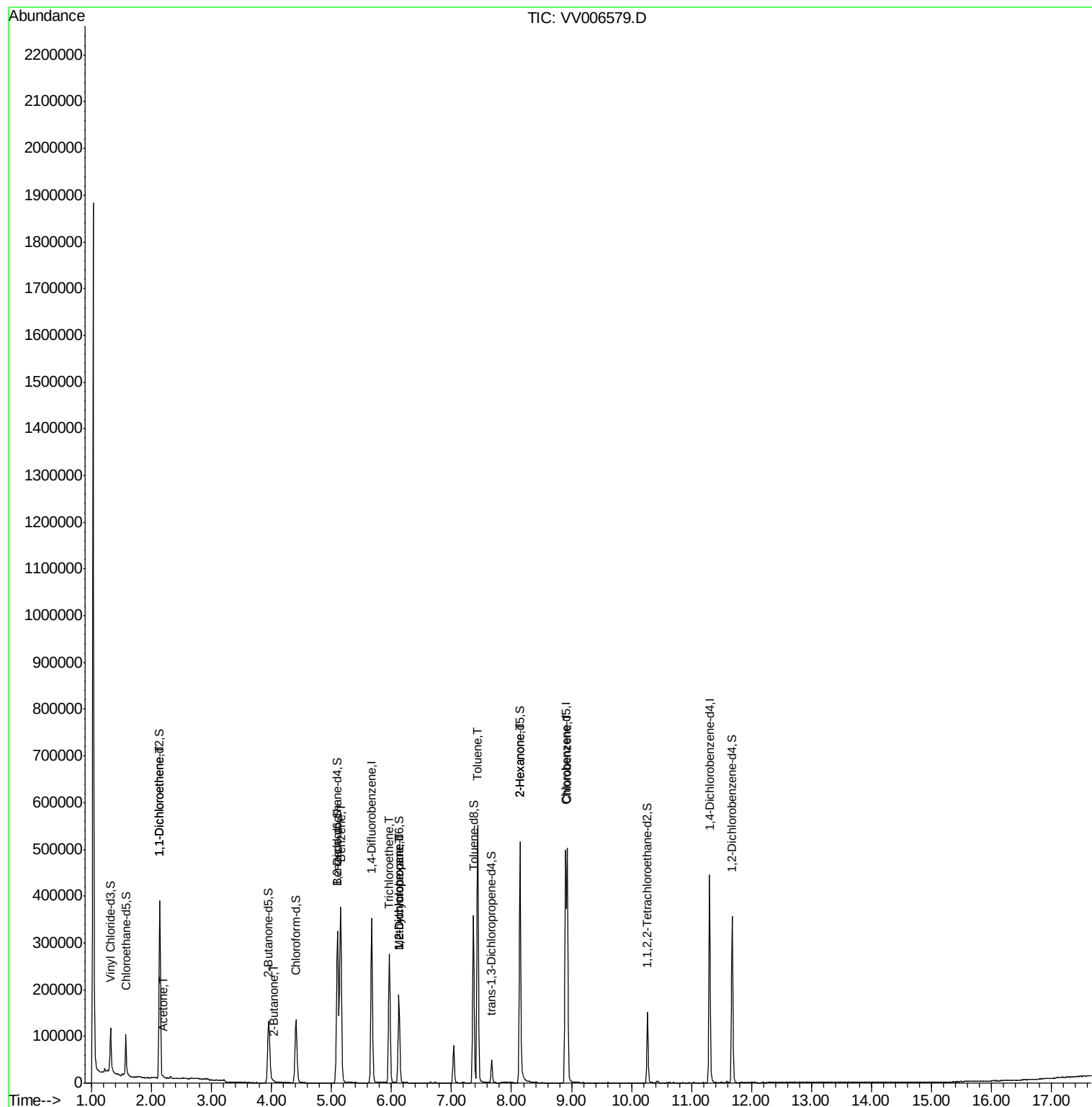
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	88330	4.466	ug/L	97
13) Acetone	2.19	43	3150	1.142	ug/L	89
21) 2-Butanone	4.04	43	1067	0.236	ug/L #	44
33) Benzene	5.15	78	392904	4.570	ug/L	100
34) Trichloroethene	5.96	95	96554	4.379	ug/L	99
35) Methylcyclohexane	6.12	83	22994	0.648	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	9432	0.449	ug/L #	86
42) Toluene	7.44	91	409117	4.575	ug/L	98
48) 2-Hexanone	8.14	43	18313	2.423	ug/L #	67
51) Chlorobenzene	8.93	112	272661	4.661	ug/L	99

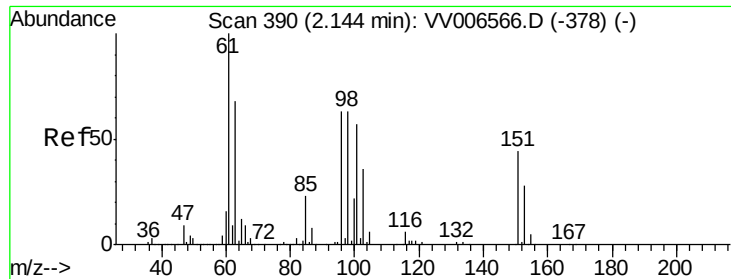
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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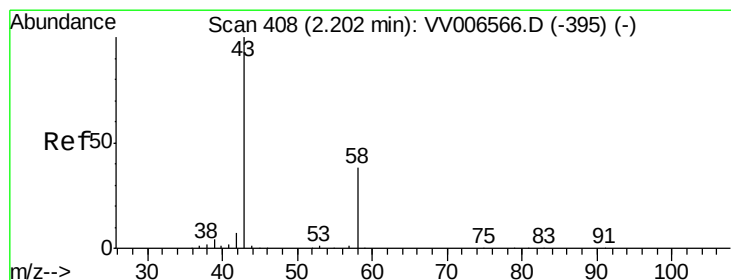
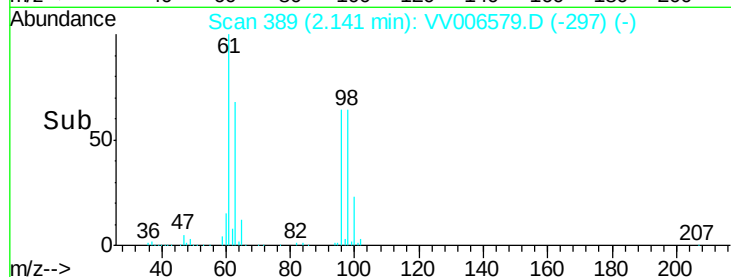
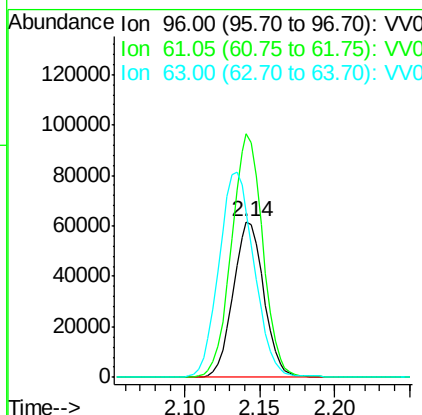
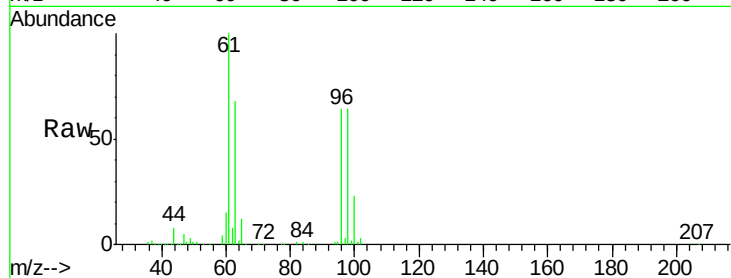




#12
 1,1-Dichloroethene
 Concen: 4.466 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV006579.D
 Acq: 10 Jul 2018 19:56

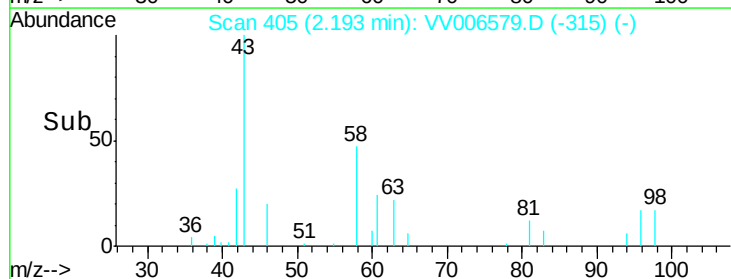
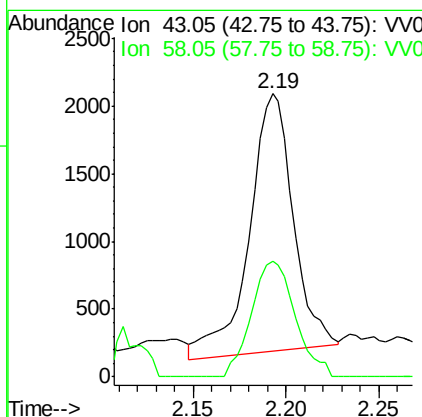
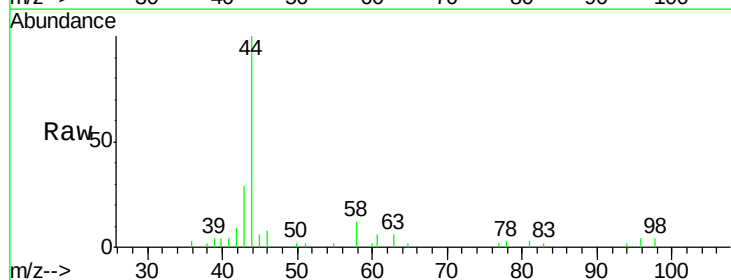
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ2MSD

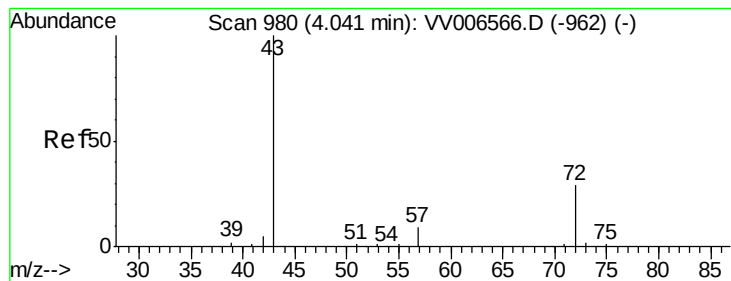
Tgt Ion: 96 Resp: 88330
 Ion Ratio Lower Upper
 96 100
 61 156.3 110.7 205.7
 63 106.2 79.0 146.8



#13
 Acetone
 Concen: 1.142 ug/L
 RT: 2.19 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: VV006579.D
 Acq: 10 Jul 2018 19:56

Tgt Ion: 43 Resp: 3150
 Ion Ratio Lower Upper
 43 100
 58 44.7 0.0 76.2





#21

2-Butanone

Concen: 0.236 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV006579.D

Acq: 10 Jul 2018 19:56

Instrument :

MSVOA_V

ClientSampleId :

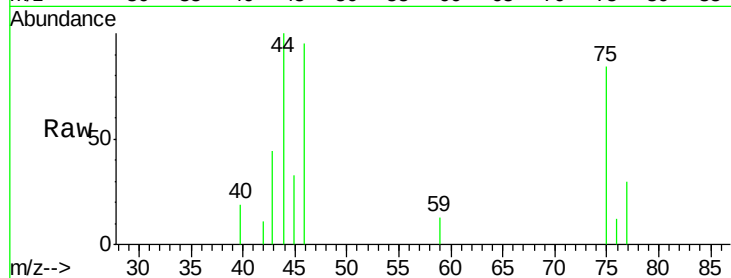
C0AJ2MSD

Tgt Ion: 43 Resp: 1067

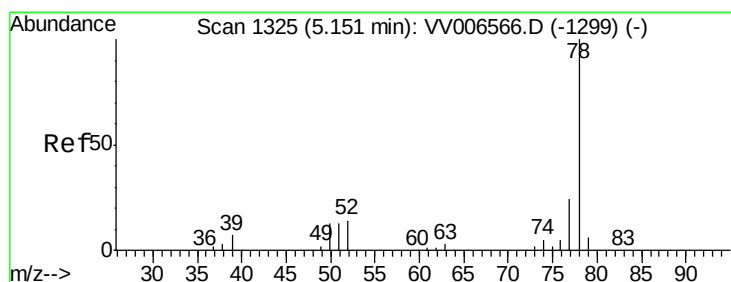
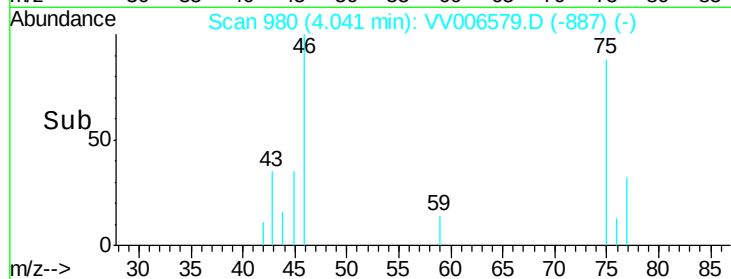
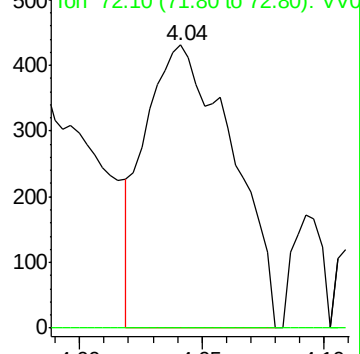
Ion Ratio Lower Upper

43 100

72 0.0 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006566.D (-962) (-)



#33

Benzene

Concen: 4.570 ug/L

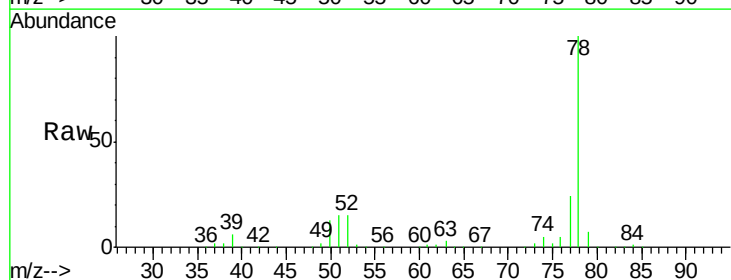
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

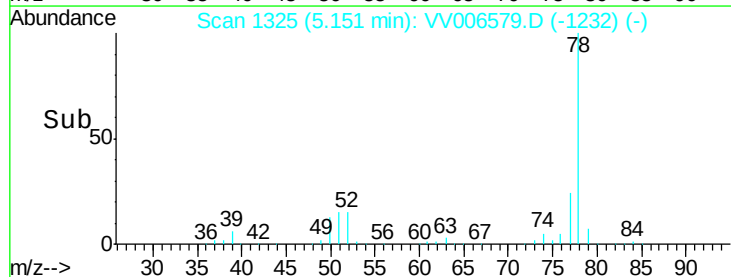
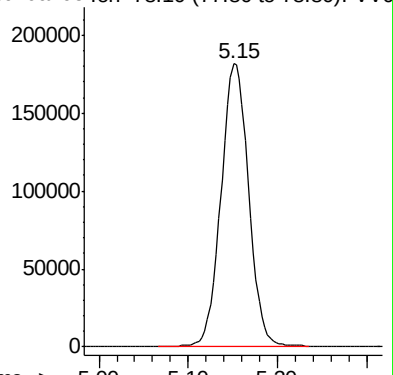
Lab File: VV006579.D

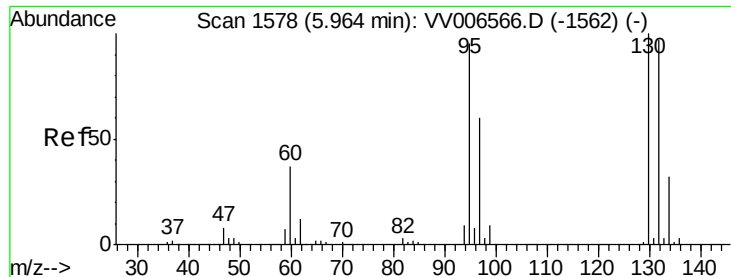
Acq: 10 Jul 2018 19:56

Tgt Ion: 78 Resp: 392904



Abundance Ion 78.10 (77.80 to 78.80): VV006566.D (-1299) (-)





#34

Trichloroethene

Concen: 4.379 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006579.D

Acq: 10 Jul 2018 19:56

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2MSD

Tgt Ion: 95 Resp: 96554

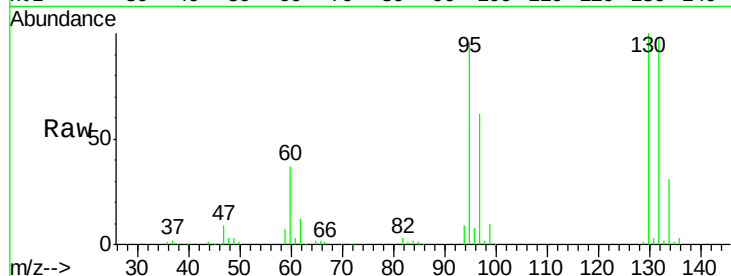
Ion Ratio Lower Upper

95 100

97 64.5 44.3 82.3

132 102.0 70.0 130.0

130 104.4 72.7 134.9

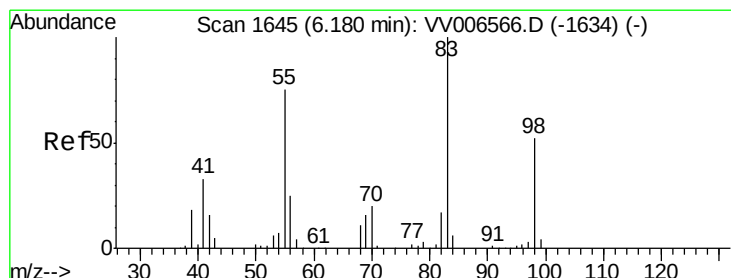
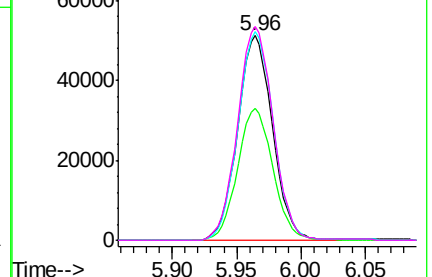
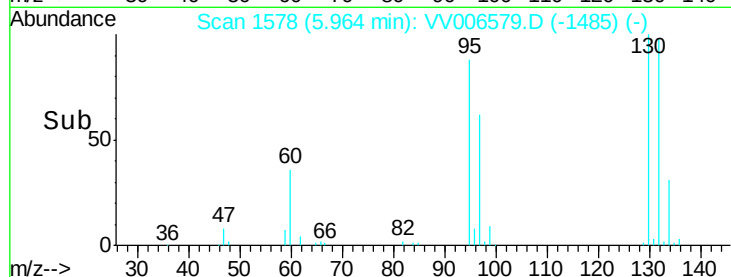


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.648 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006579.D

Acq: 10 Jul 2018 19:56

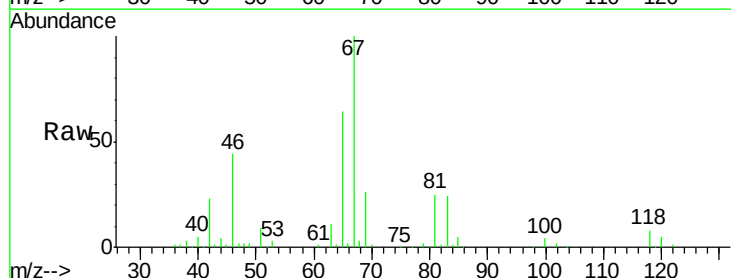
Tgt Ion: 83 Resp: 22994

Ion Ratio Lower Upper

83 100

55 0.0 58.3 87.5#

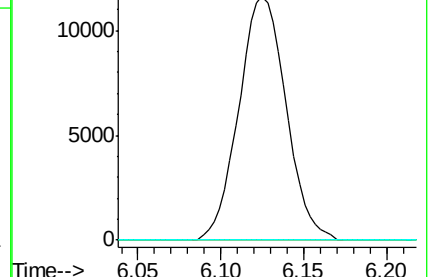
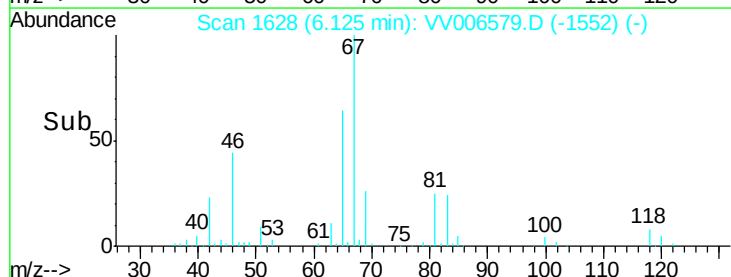
98 0.0 39.3 58.9#

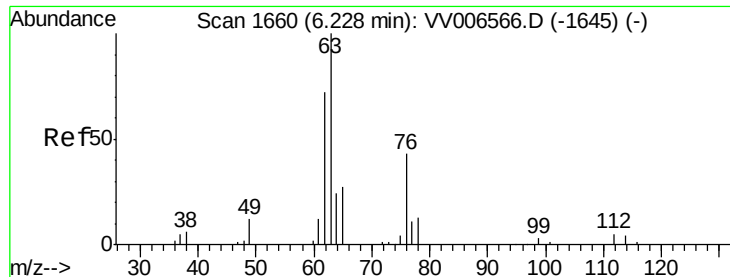


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

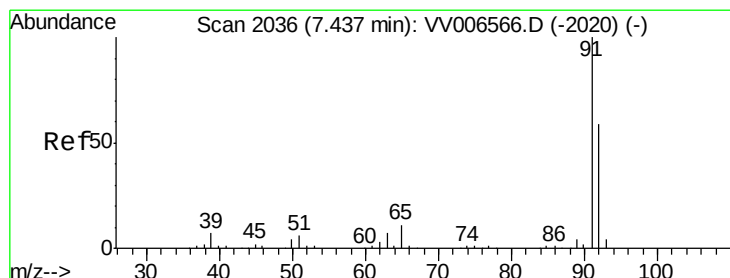
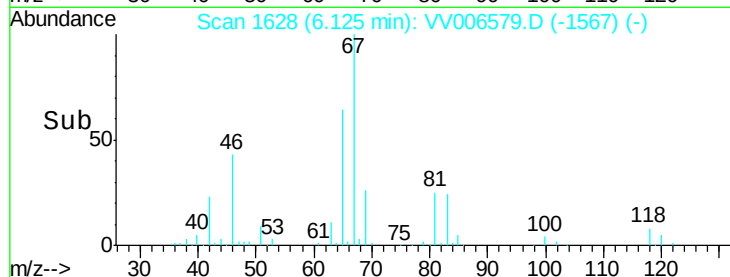
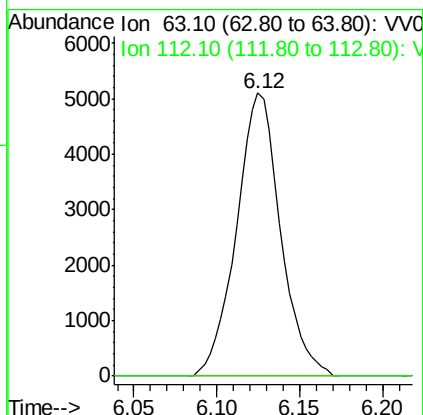
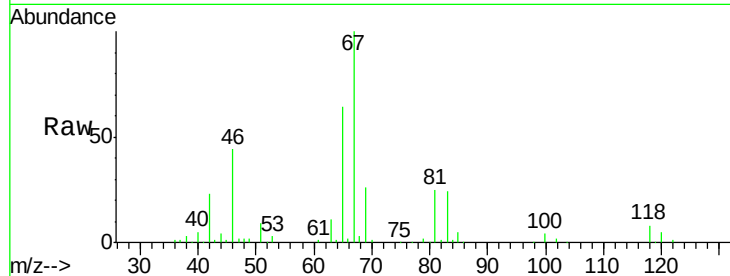




#37
 1,2-Dichloropropane
 Concen: 0.449 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006579.D
 Acq: 10 Jul 2018 19:56

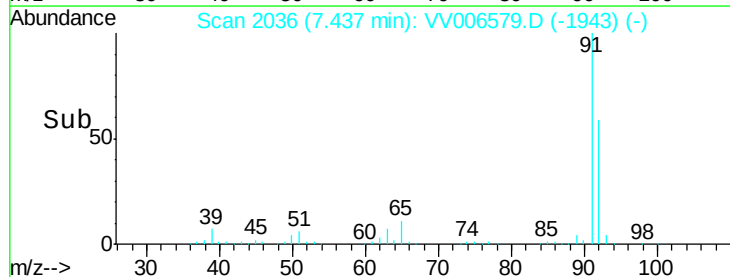
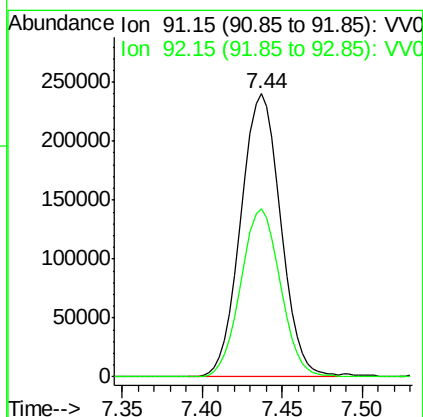
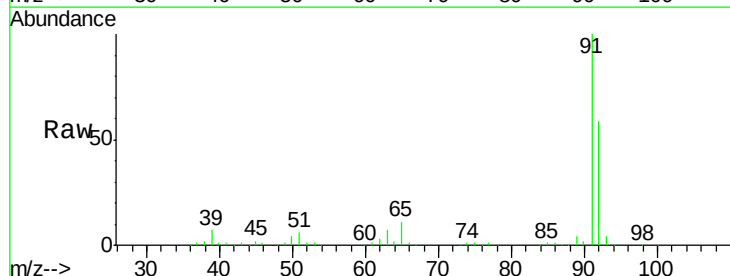
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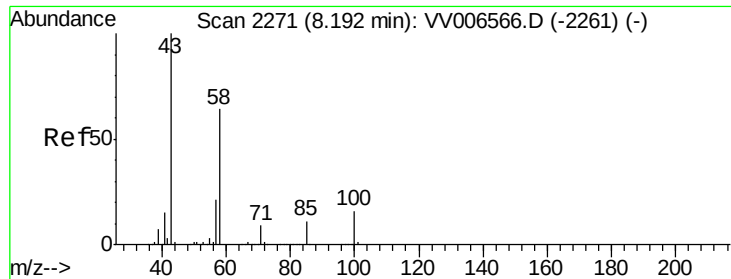
Tgt Ion: 63 Resp: 9432
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#42
 Toluene
 Concen: 4.575 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006579.D
 Acq: 10 Jul 2018 19:56

Tgt Ion: 91 Resp: 409117
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.6 75.4

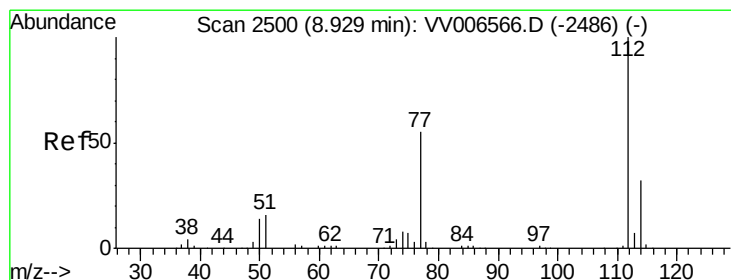
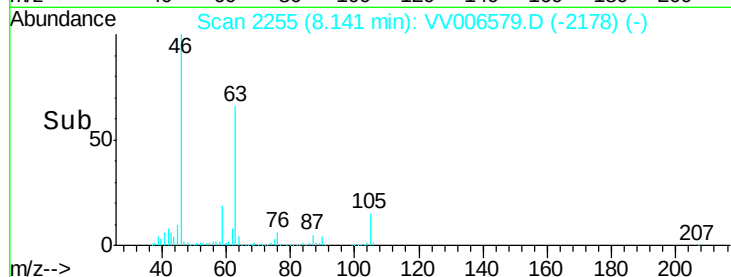
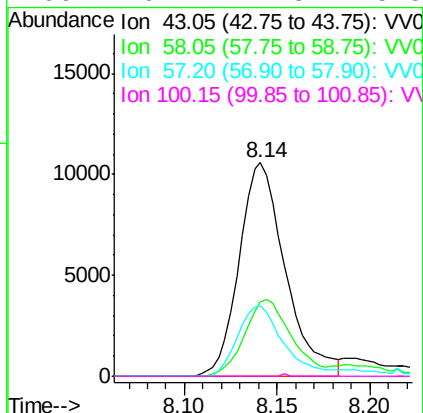
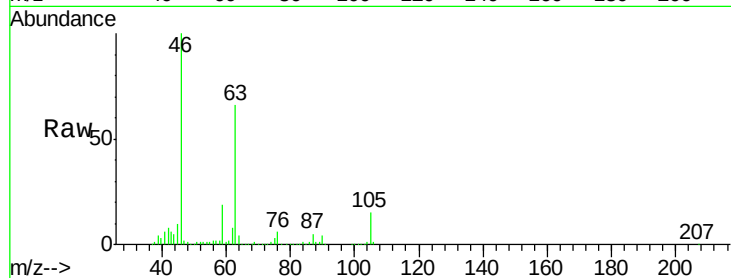




#48
2-Hexanone
Concen: 2.423 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006579.D
Acq: 10 Jul 2018 19:56

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2MSD

Tgt Ion: 43 Resp: 18313
Ion Ratio Lower Upper
43 100
58 36.5 50.3 75.5#
57 35.1 17.0 25.4#
100 0.1 12.3 18.5#



#51
Chlorobenzene
Concen: 4.661 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006579.D
Acq: 10 Jul 2018 19:56

Tgt Ion: 112 Resp: 272661
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 56.0 45.1 67.7

