

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070218\
 Data File : VV006529.D
 Acq On : 02 Jul 2018 14:46
 Operator : SY/MD
 Sample : J3792-19MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0J2MSD

Quant Time: Jul 02 23:33:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	292498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101592	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	89069	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	182132	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	3.97	46	230793	64.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.08%
24) Chloroform-d	4.41	84	180240	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.09	65	88387	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.10	84	391865	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.12	67	119602	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.37	98	341645	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.67	79	36301	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	169043	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67944	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	123198	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

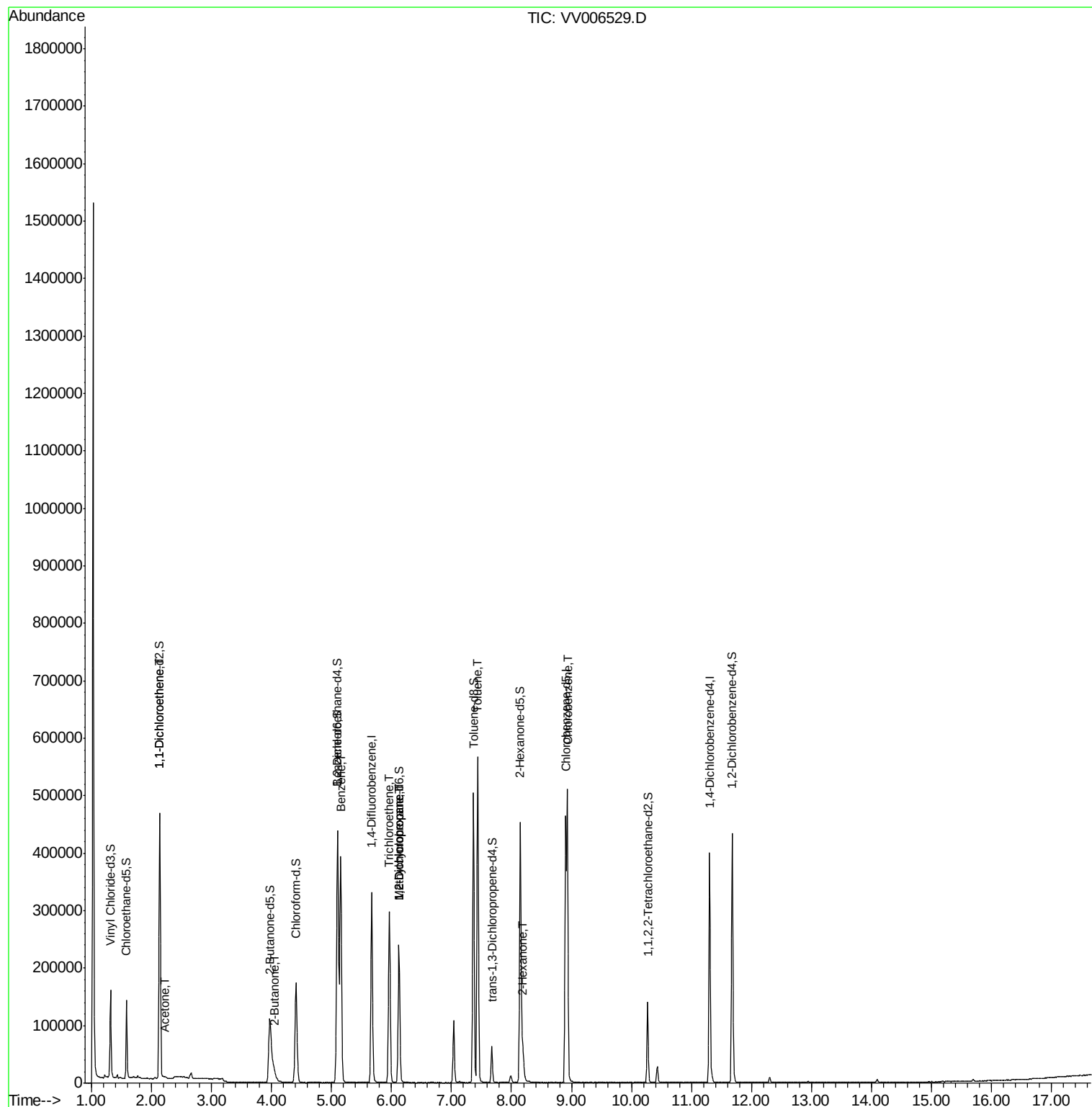
					Qvalue
12) 1,1-Dichloroethene	2.14	96	89921	5.083 ug/L	94
13) Acetone	2.22	43	5078	2.299 ug/L	98
21) 2-Butanone	4.06	43	973	0.244 ug/L #	57
33) Benzene	5.15	78	405977	5.216 ug/L	100
34) Trichloroethene	5.96	95	100091	4.495 ug/L	98
35) Methylcyclohexane	6.12	83	28961	0.894 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11834	0.622 ug/L #	85
42) Toluene	7.44	91	422546	5.126 ug/L	99
48) 2-Hexanone	8.19	43	29305	4.401 ug/L #	78
51) Chlorobenzene	8.93	112	274451	5.032 ug/L	99

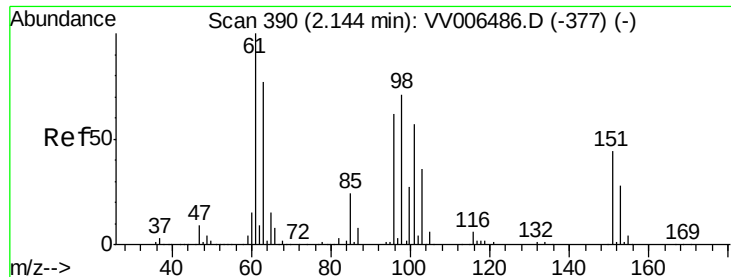
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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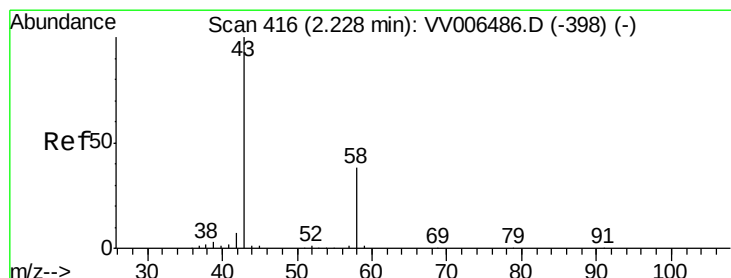
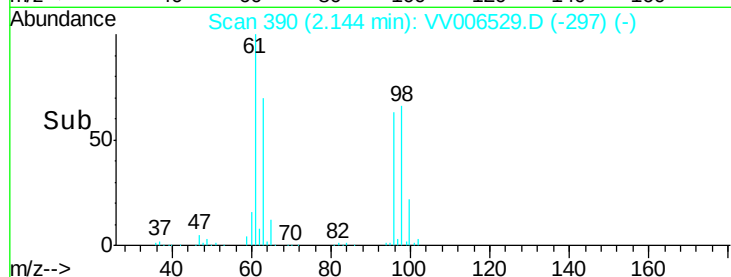
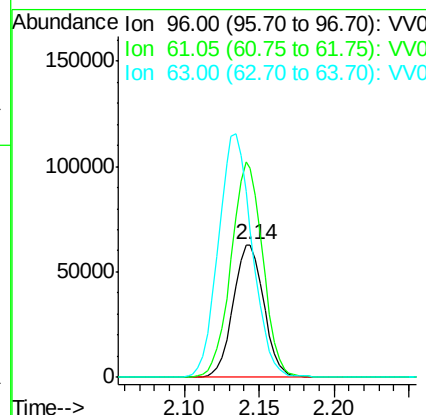
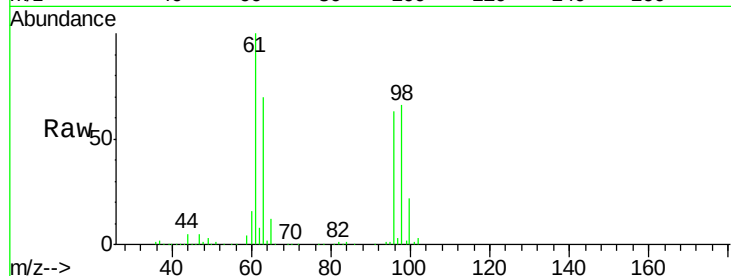




#12
 1,1-Dichloroethene
 Concen: 5.083 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006529.D
 Acq: 02 Jul 2018 14:46

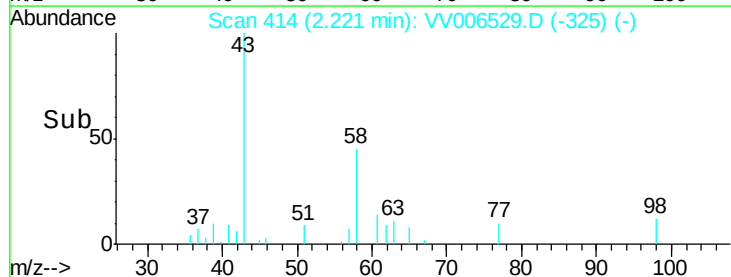
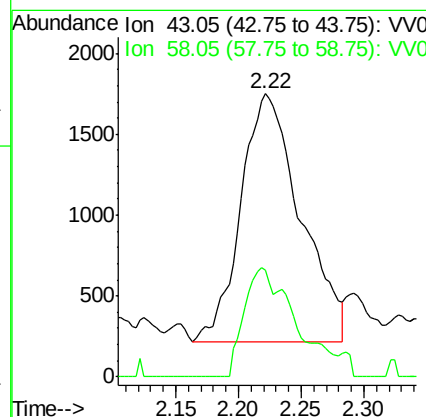
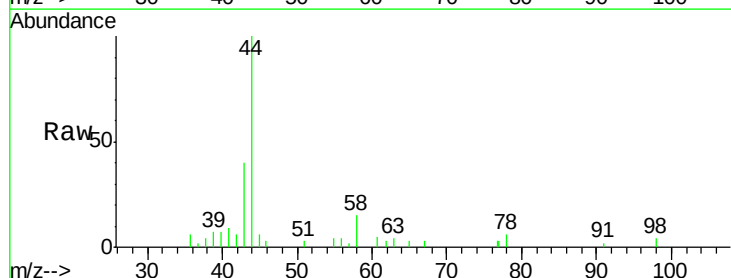
Instrument :
 MSVOA_V
 ClientSampleId :
 DB0J2MSD

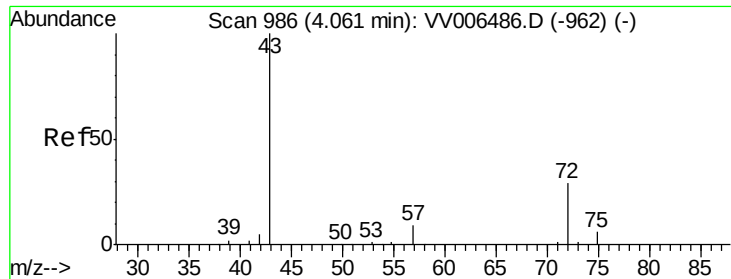
Tgt Ion: 96 Resp: 89921
 Ion Ratio Lower Upper
 96 100
 61 158.1 111.4 207.0
 63 109.9 87.4 162.2



#13
 Acetone
 Concen: 2.299 ug/L
 RT: 2.22 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VV006529.D
 Acq: 02 Jul 2018 14:46

Tgt Ion: 43 Resp: 5078
 Ion Ratio Lower Upper
 43 100
 58 37.8 0.0 77.4





#21

2-Butanone

Concen: 0.244 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.00 min

Lab File: VV006529.D

Acq: 02 Jul 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

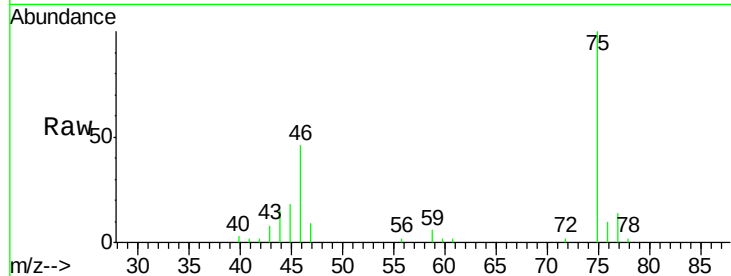
DB0J2MSD

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

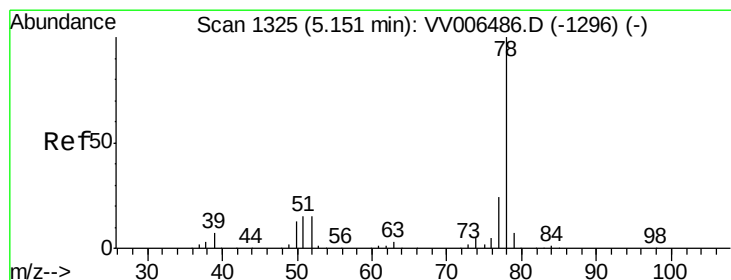
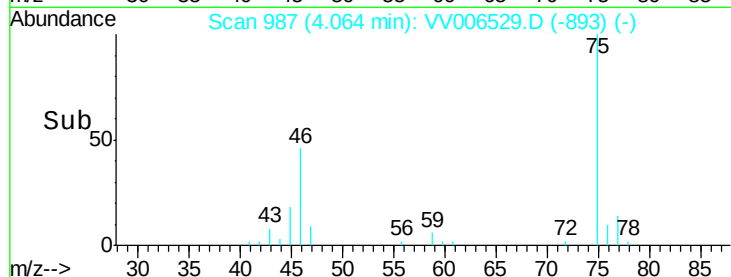
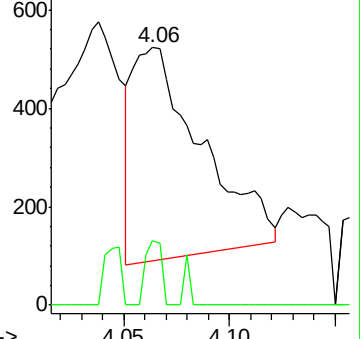
43 100

72 7.2 15.4 46.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#33

Benzene

Concen: 5.216 ug/L

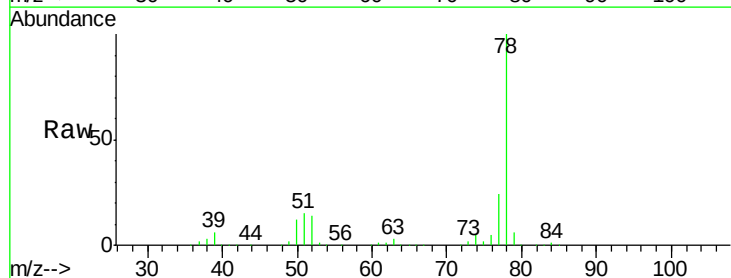
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006529.D

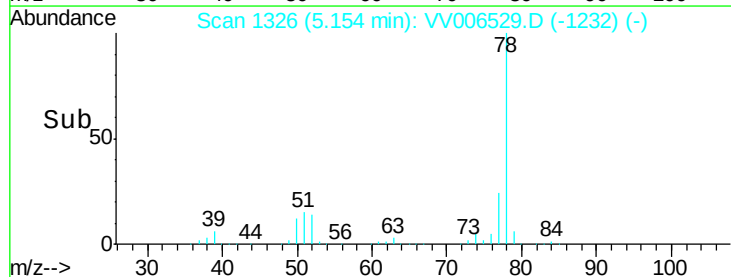
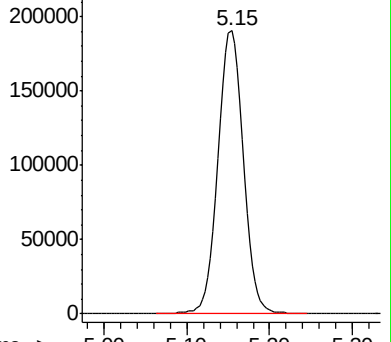
Acq: 02 Jul 2018 14:46

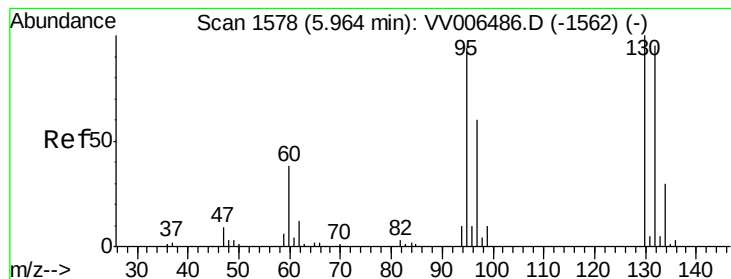
Tgt Ion: 78 Resp: 405977



Abundance Ion 78.10 (77.80 to 78.80): VV0

Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.495 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006529.D

Acq: 02 Jul 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

DB0J2MSD

Tgt Ion: 95 Resp: 100091

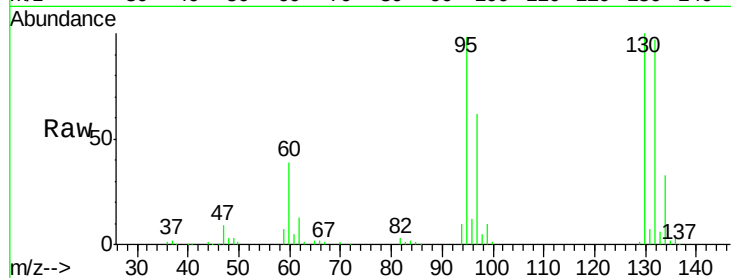
Ion Ratio Lower Upper

95 100

97 62.8 44.6 82.8

132 98.9 70.1 130.1

130 102.1 73.3 136.1

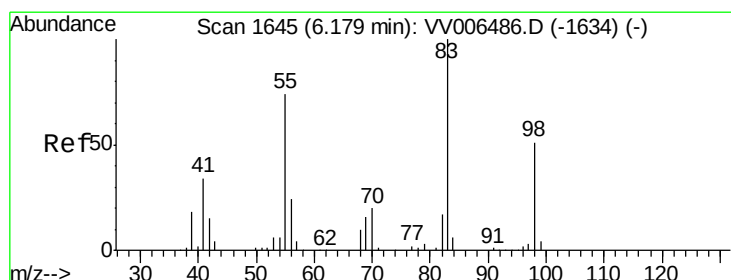
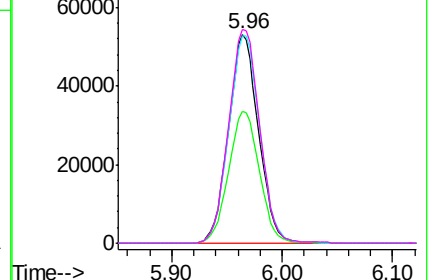
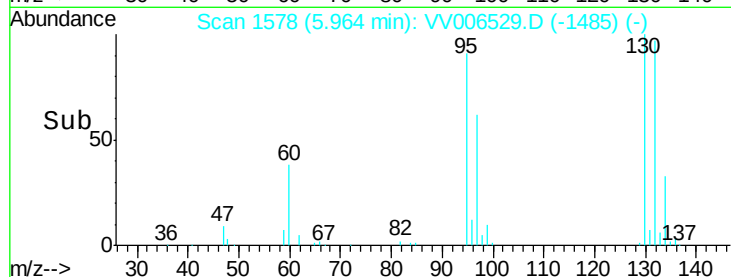


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.894 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006529.D

Acq: 02 Jul 2018 14:46

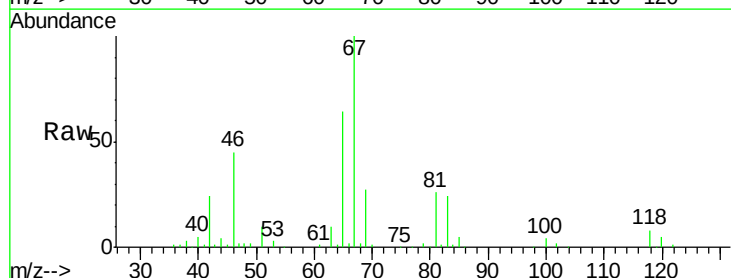
Tgt Ion: 83 Resp: 28961

Ion Ratio Lower Upper

83 100

55 0.8 57.5 86.3#

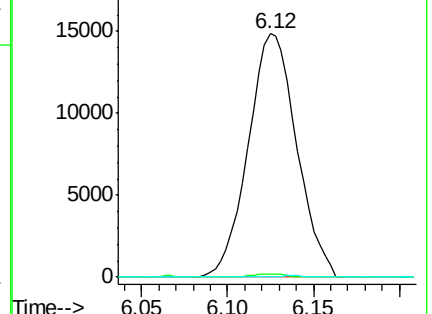
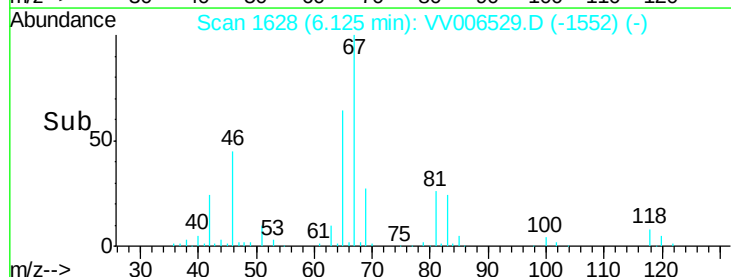
98 0.0 39.6 59.4#

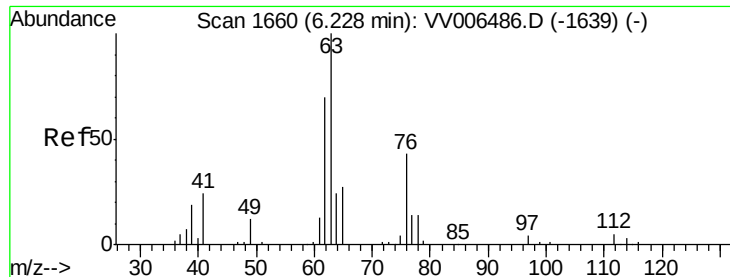


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

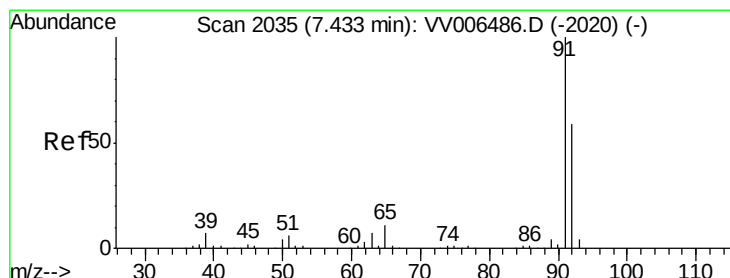
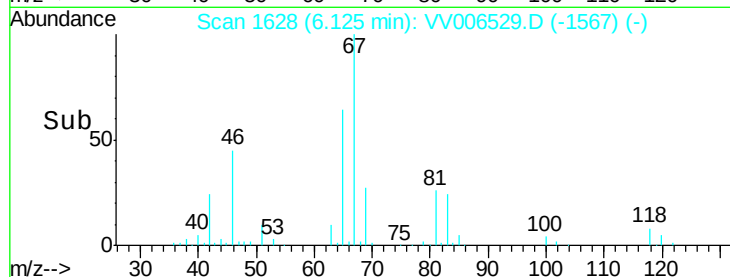
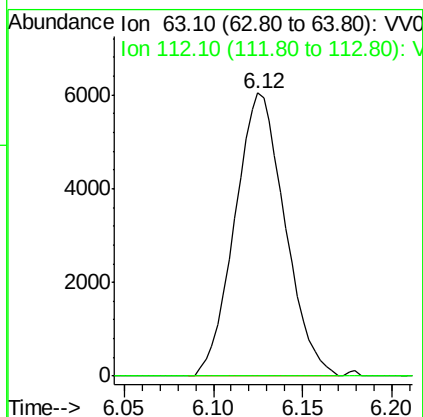
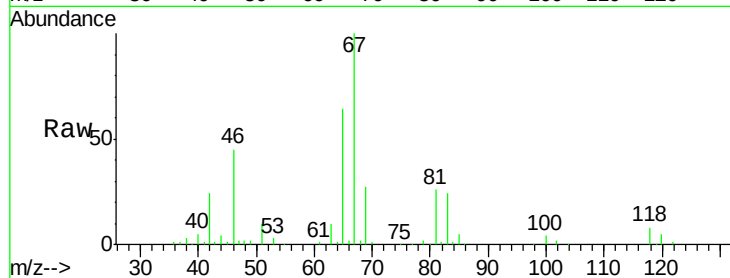




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006529.D
 Acq: 02 Jul 2018 14:46

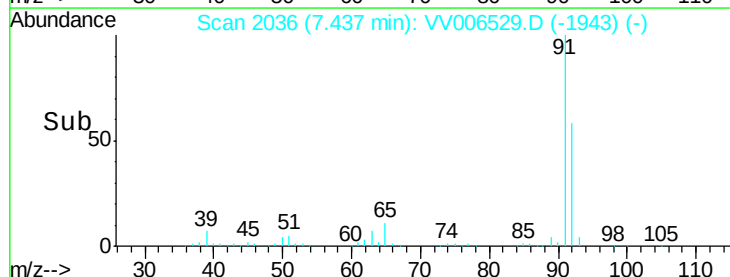
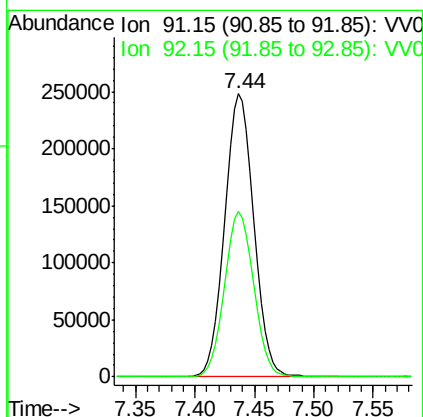
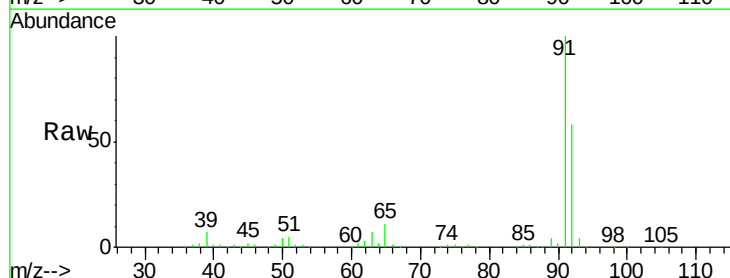
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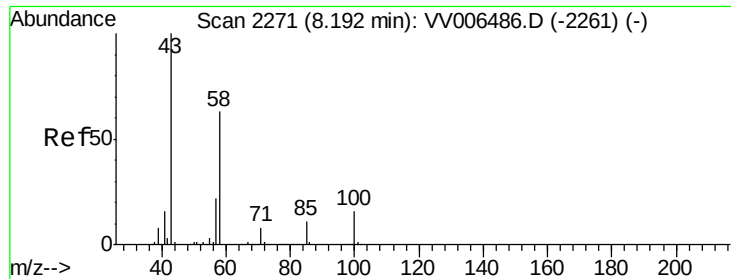
Tgt Ion: 63 Resp: 11834
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#42
 Toluene
 Concen: 5.126 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006529.D
 Acq: 02 Jul 2018 14:46

Tgt Ion: 91 Resp: 422546
 Ion Ratio Lower Upper
 91 100
 92 58.3 41.2 76.4

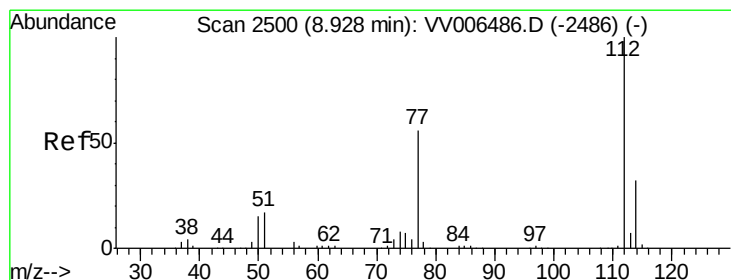
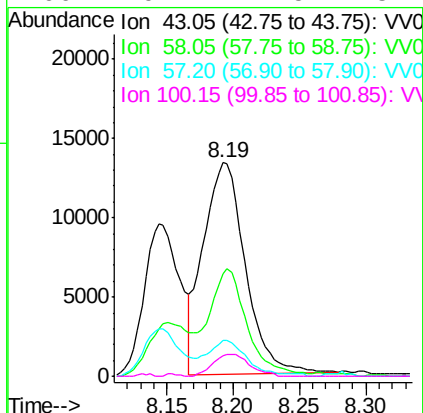
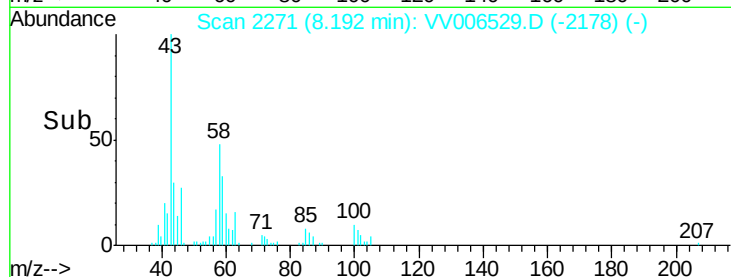
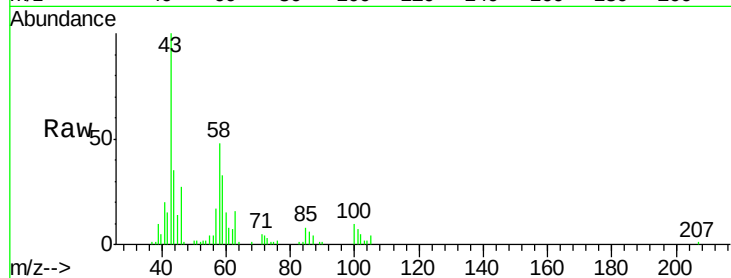




#48
2-Hexanone
Concen: 4.401 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006529.D
Acq: 02 Jul 2018 14:46

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MSVOA_V
ClientSampleId :
DB0J2MSD

Tgt Ion: 43 Resp: 29305
Ion Ratio Lower Upper
43 100
58 42.8 49.9 74.9#
57 14.3 17.3 25.9#
100 9.2 12.5 18.7#



#51
Chlorobenzene
Concen: 5.032 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006529.D
Acq: 02 Jul 2018 14:46

Tgt Ion: 112 Resp: 274451
Ion Ratio Lower Upper
112 100
114 32.3 22.8 42.4
77 56.2 44.6 66.8

