

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006633.D
 Acq On : 18 Jul 2018 17:09
 Operator : SY/MD
 Sample : J3983-08
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB174

Quant Time: Jul 19 02:40:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100710	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	73081	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	127082	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.98	46	196881	68.11	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.22%#
24) Chloroform-d	4.41	84	148650	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	70747	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	314689	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	100181	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	272380	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	31382	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	165782	42.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69578	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	101467	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	1450151	55.889	ug/L 89
8) Chloroethane	1.32	64	985392	67.620	ug/L # 44
12) 1,1-Dichloroethene	2.14	96	20989	1.214	ug/L # 31
15) Methyl Acetate	2.48	43	6266	0.703	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	6480121	340.849	ug/L 93
22) cis-1,2-Dichloroethene	3.97	96	8582680	430.316	ug/L 98
34) Trichloroethene	5.96	95	567284	31.327	ug/L 99
35) Methylcyclohexane	6.12	83	23809	0.832	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	10060	0.540	ug/L # 86
47) Tetrachloroethene	8.02	164	5878	0.407	ug/L 93
48) 2-Hexanone	8.14	43	17481	2.285	ug/L # 62
49) Dibromochloromethane	8.02	129	5089	0.384	ug/L # 11
52) Ethylbenzene	9.06	91	20395	0.257	ug/L 98
53) m,p-xylene	9.19	106	9473	0.310	ug/L 96
54) o-xylene	9.59	106	6111	0.206	ug/L 88

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QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

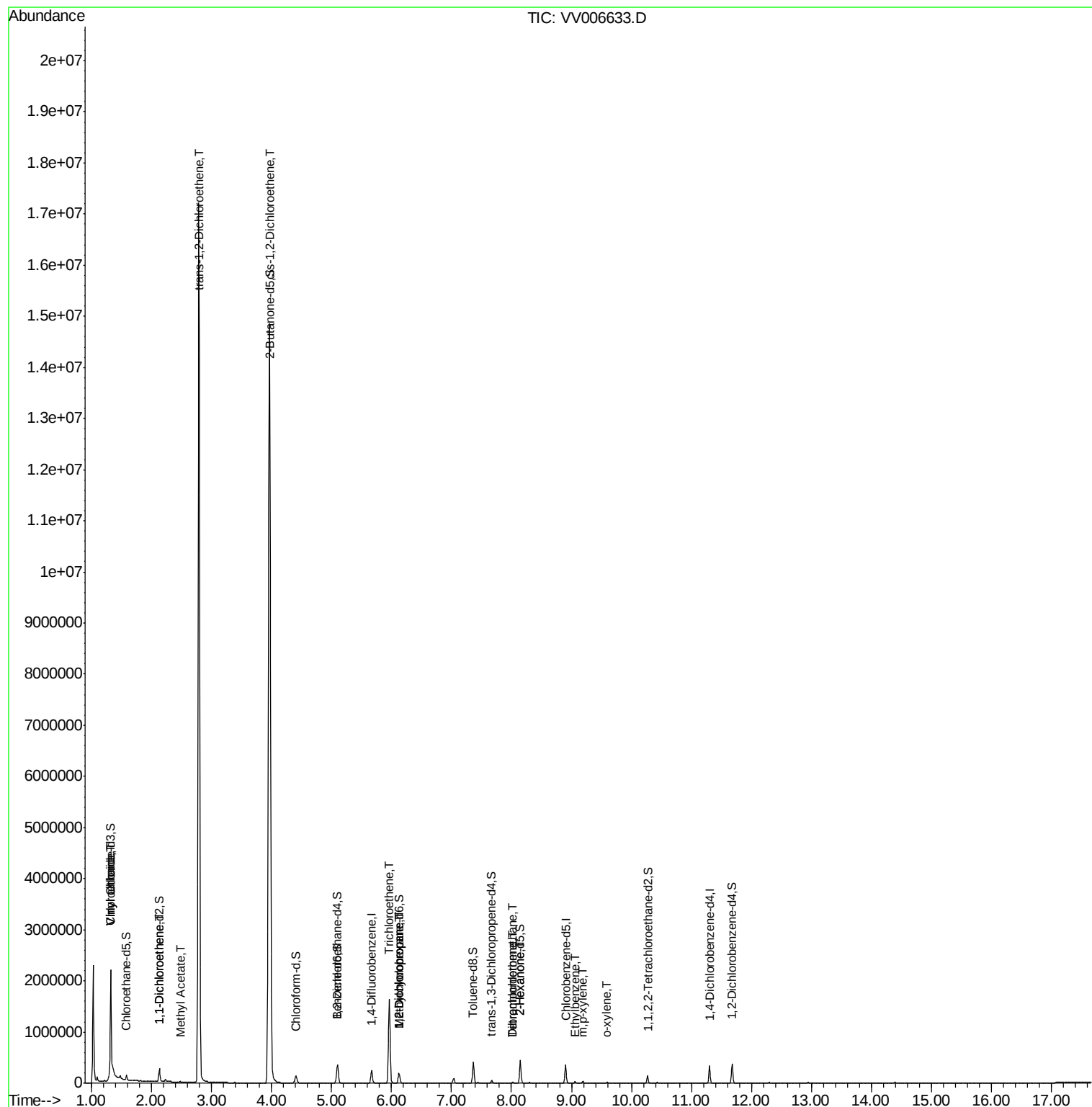
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

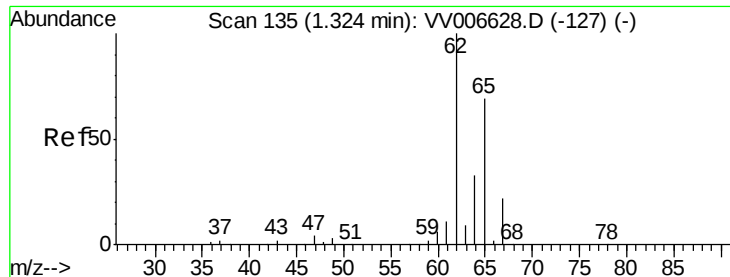
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#5

Vinyl chloride

Concen: 55.889 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006633.D

Acq: 18 Jul 2018 17:09

Instrument :

MSVOA_V

ClientSampled :

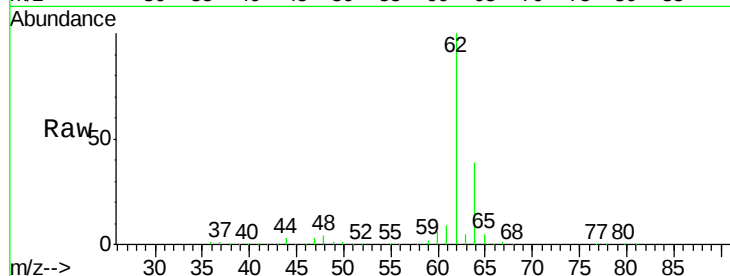
DB174

Tgt Ion: 62 Resp: 1450151

Ion Ratio Lower Upper

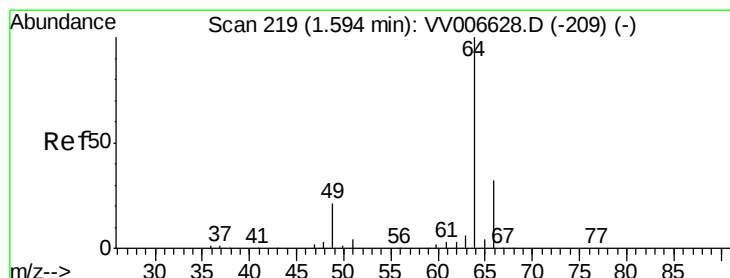
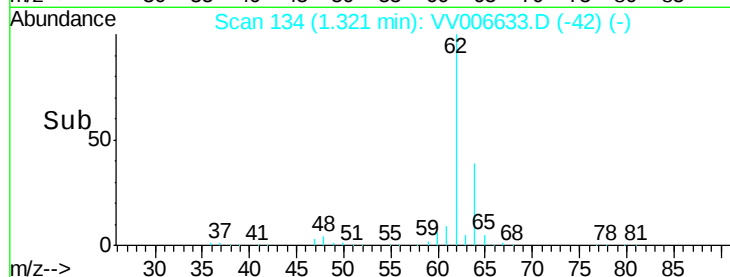
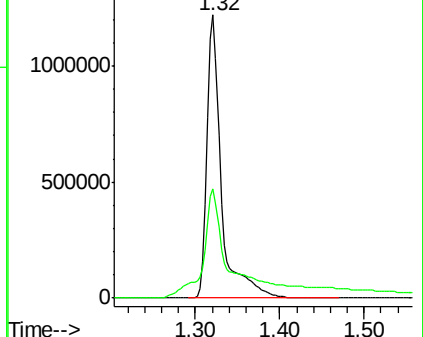
62 100

64 38.7 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 67.620 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.27 min

Lab File: VV006633.D

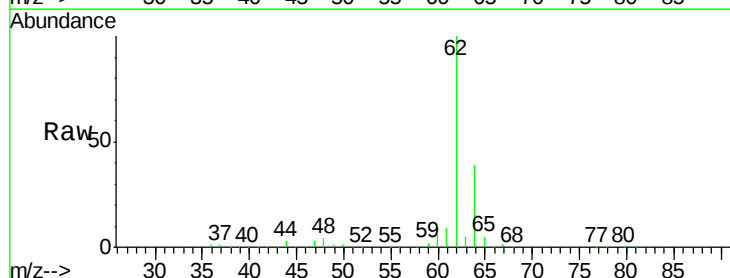
Acq: 18 Jul 2018 17:09

Tgt Ion: 64 Resp: 985392

Ion Ratio Lower Upper

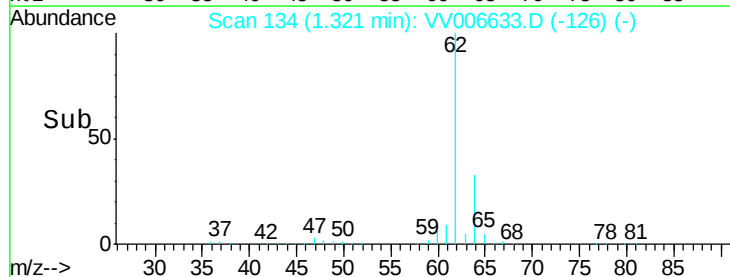
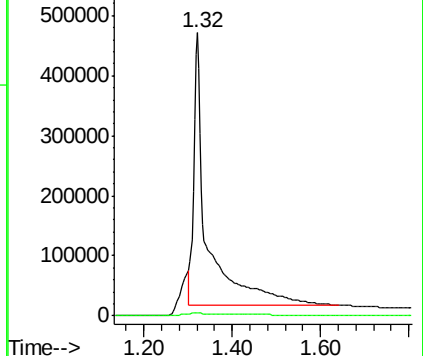
64 100

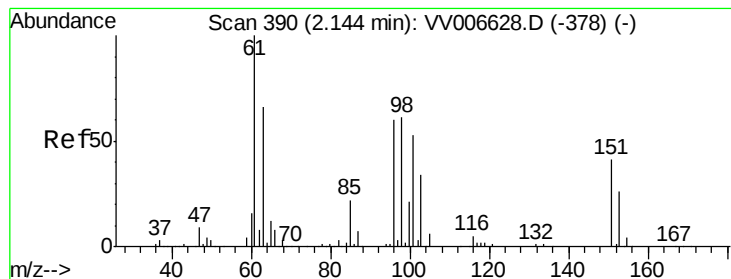
66 1.1 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 1.214 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006633.D

Acq: 18 Jul 2018 17:09

Instrument :

MSVOA_V

ClientSampleId :

DB174

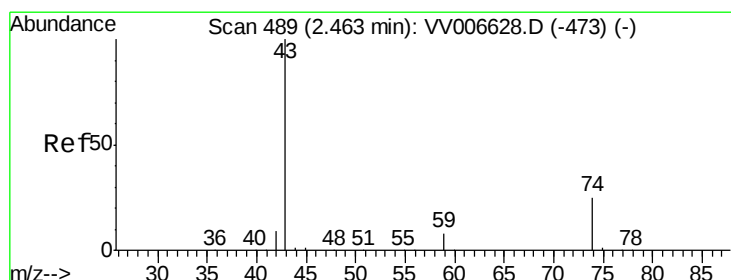
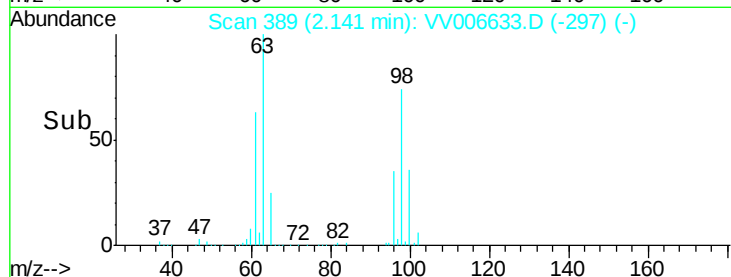
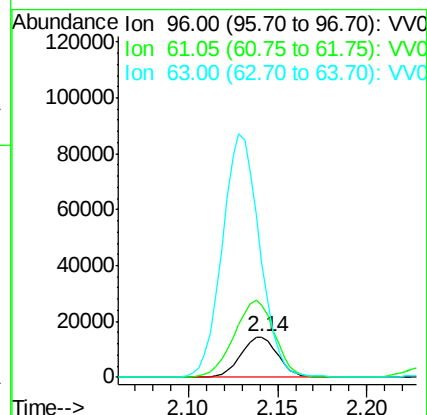
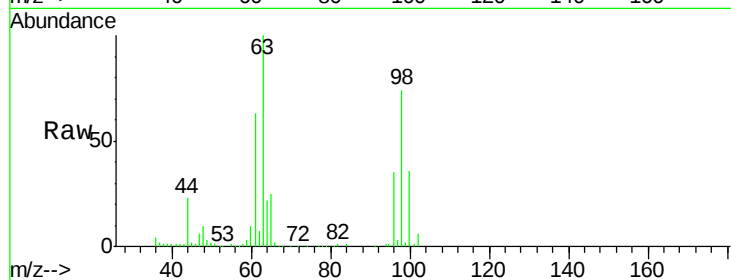
Tgt Ion: 96 Resp: 20989

Ion Ratio Lower Upper

96 100

61 178.5 114.9 213.5

63 282.2 81.9 152.1#



#15

Methyl Acetate

Concen: 0.703 ug/L

RT: 2.48 min Scan# 493

Delta R.T. 0.01 min

Lab File: VV006633.D

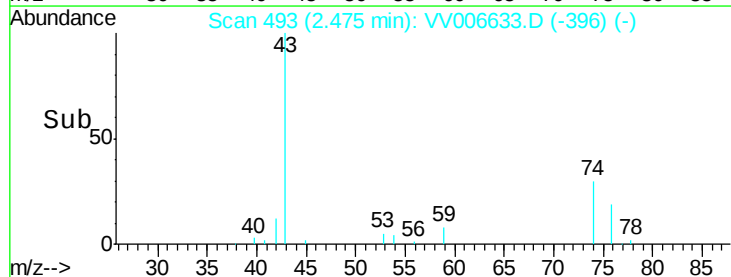
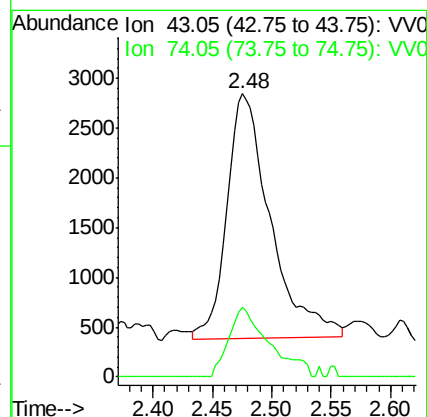
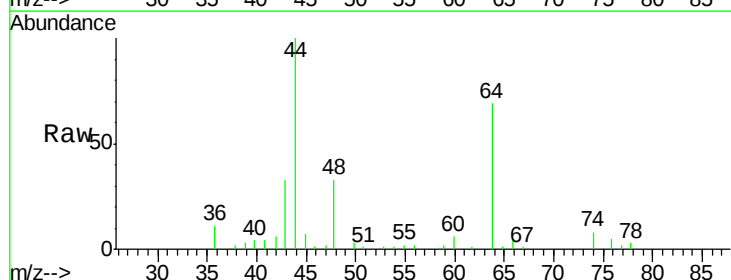
Acq: 18 Jul 2018 17:09

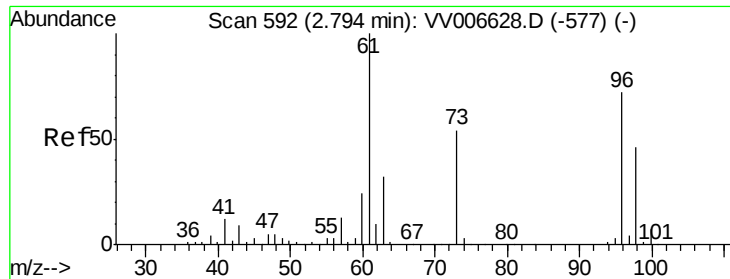
Tgt Ion: 43 Resp: 6266

Ion Ratio Lower Upper

43 100

74 26.3 20.2 30.4

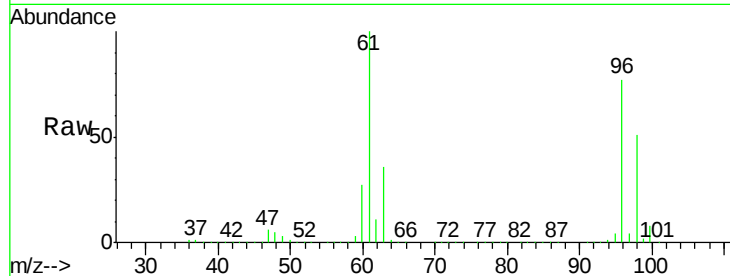




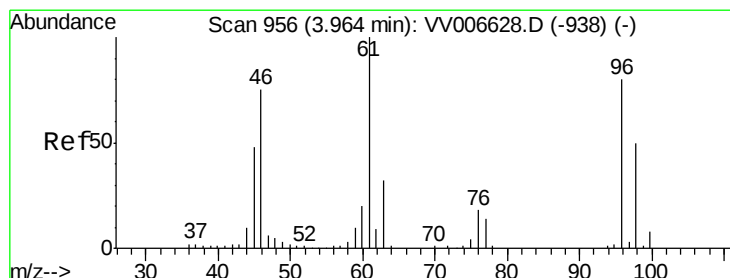
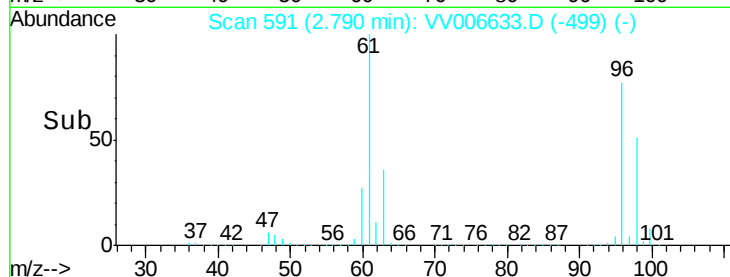
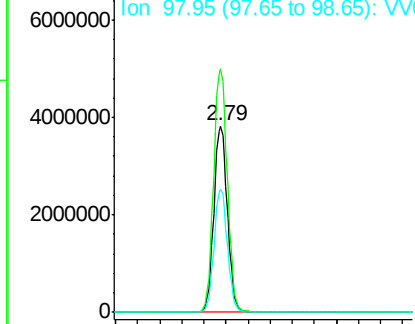
#18
trans-1,2-Dichloroethene
Concen: 340.849 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Instrument :
MSVOA_V
ClientSampleId :
DB174

Tgt Ion: 96 Resp: 6480121
Ion Ratio Lower Upper
96 100
61 130.5 98.1 182.1
98 66.3 44.4 82.4

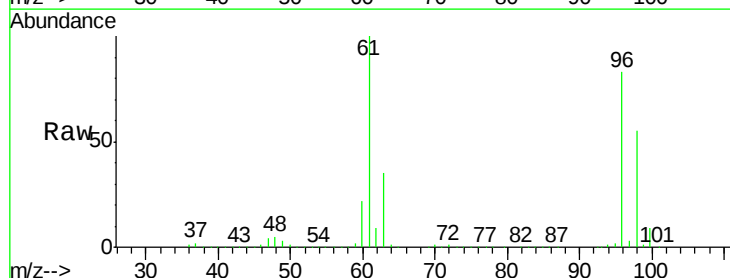


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

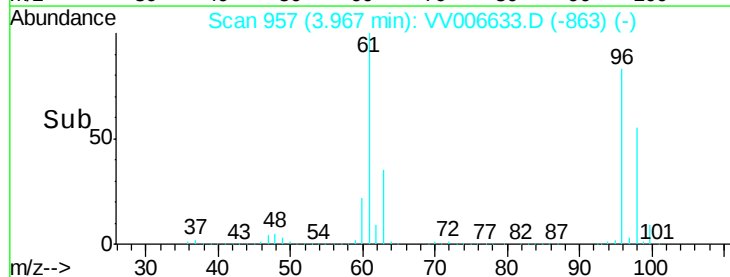
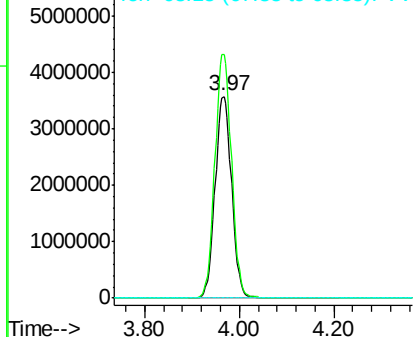


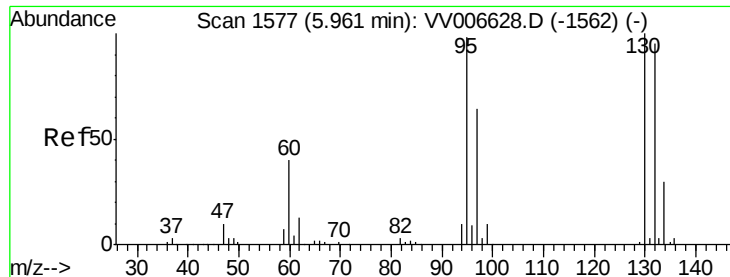
#22
cis-1,2-Dichloroethene
Concen: 430.316 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion: 96 Resp: 8582680
Ion Ratio Lower Upper
96 100
61 120.5 86.2 160.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

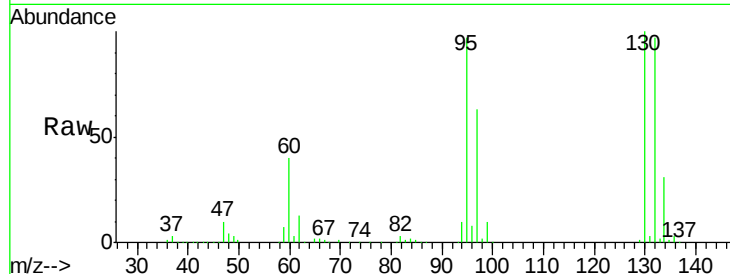




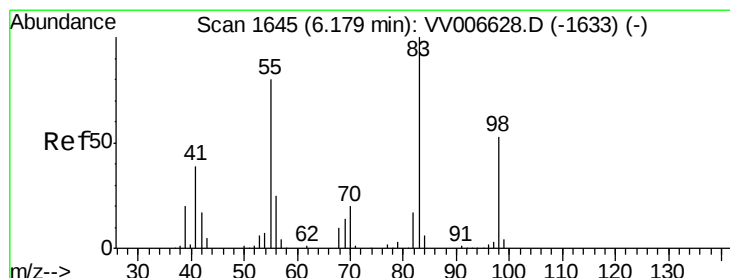
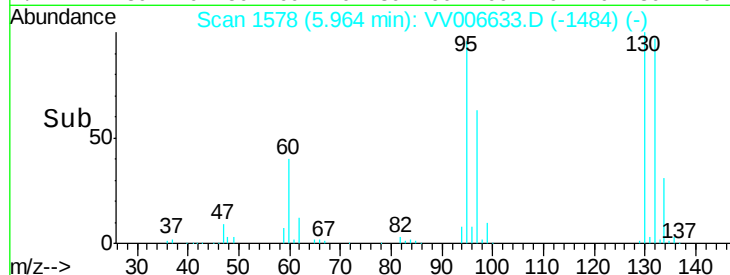
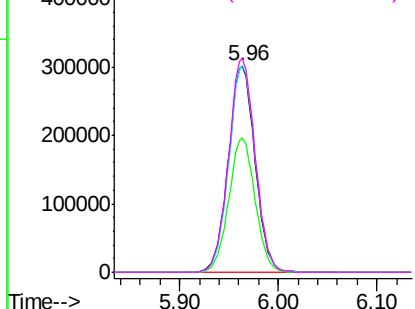
#34
 Trichloroethene
 Concen: 31.327 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006633.D
 Acq: 18 Jul 2018 17:09

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Tgt Ion: 95 Resp: 567284
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.1 83.7
 132 100.4 69.0 128.2
 130 103.4 71.7 133.1

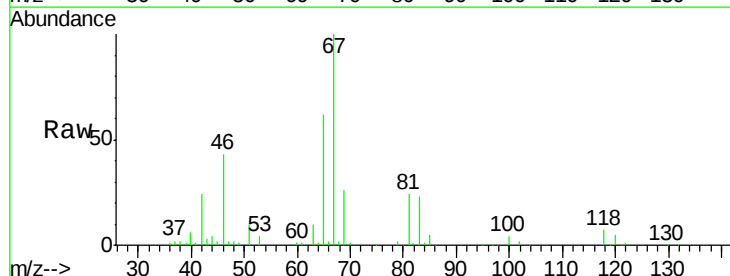


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

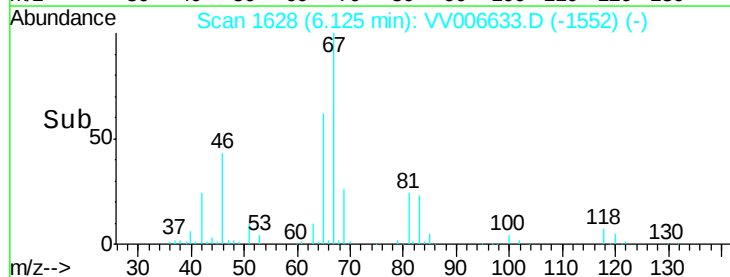
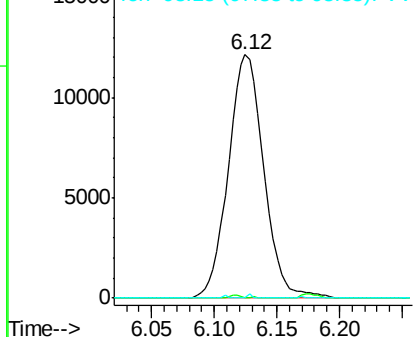


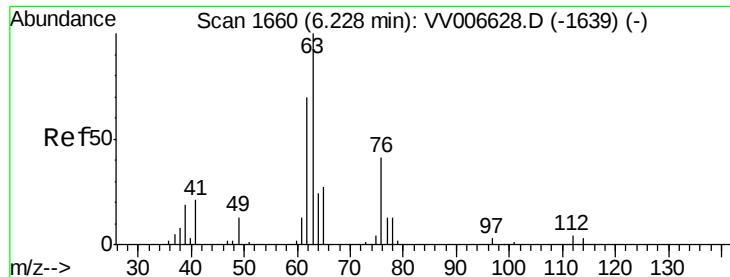
#35
 Methylcyclohexane
 Concen: 0.832 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006633.D
 Acq: 18 Jul 2018 17:09

Tgt Ion: 83 Resp: 23809
 Ion Ratio Lower Upper
 83 100
 55 0.1 60.7 91.1#
 98 0.0 39.1 58.7#



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

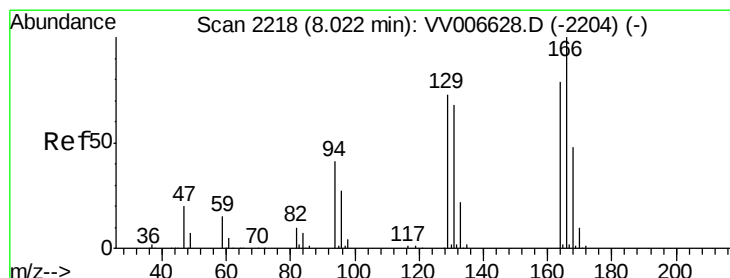
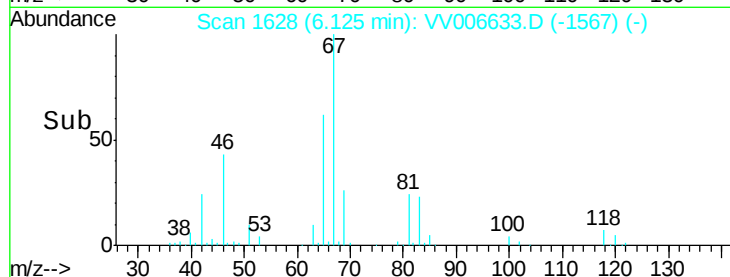
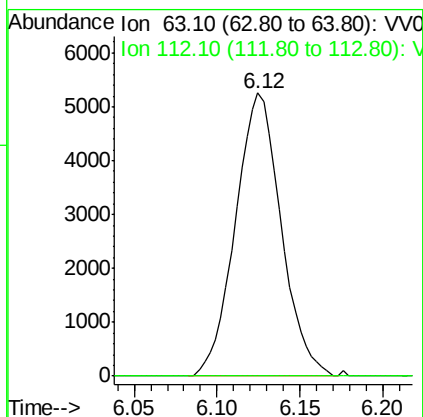
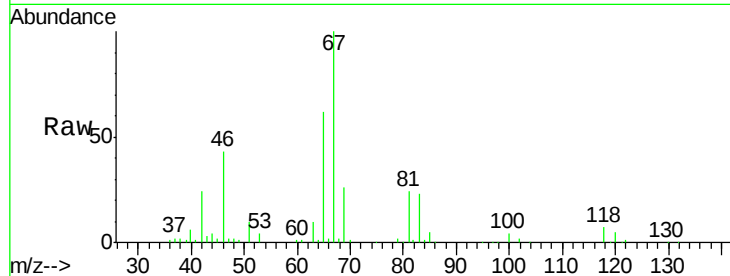




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006633.D
 Acq: 18 Jul 2018 17:09

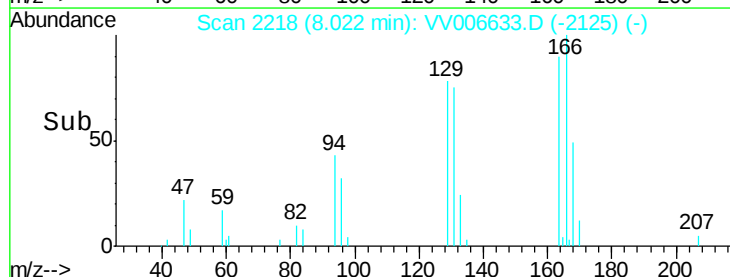
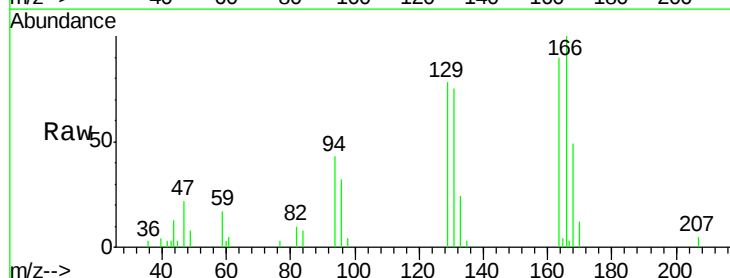
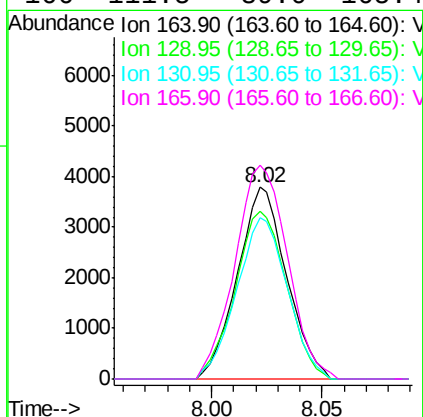
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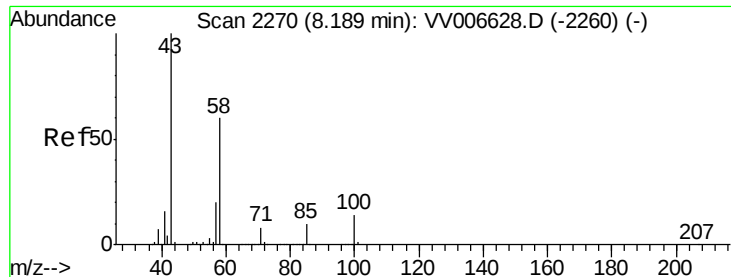
Tgt Ion: 63 Resp: 10060
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#47
 Tetrachloroethene
 Concen: 0.407 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006633.D
 Acq: 18 Jul 2018 17:09

Tgt Ion: 164 Resp: 5878
 Ion Ratio Lower Upper
 164 100
 129 87.3 62.7 116.5
 131 84.1 60.0 111.4
 166 111.5 89.0 165.4

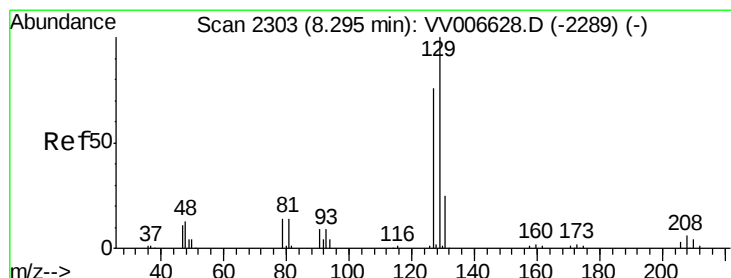
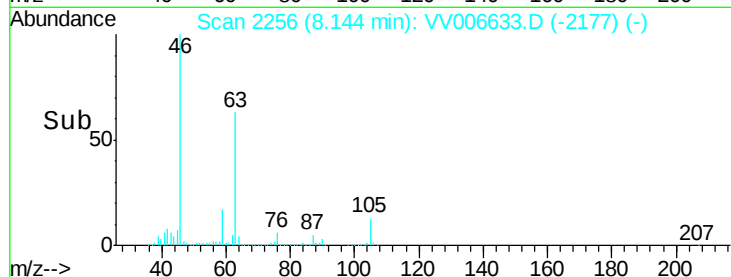
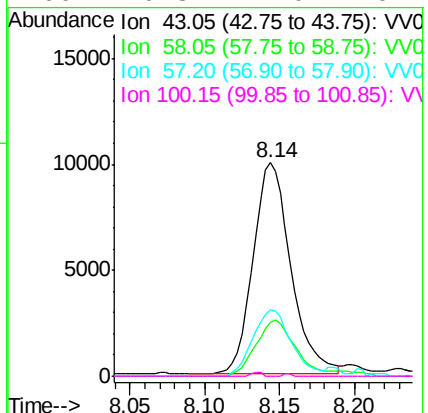
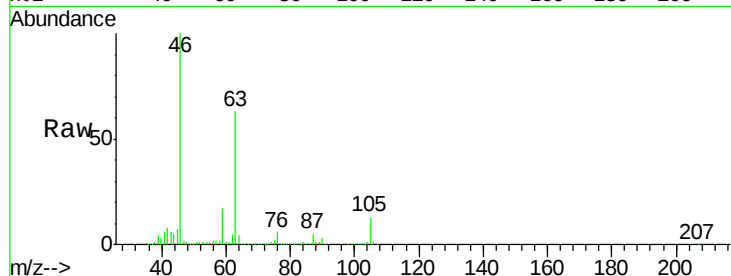




#48
2-Hexanone
Concen: 2.285 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.05 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

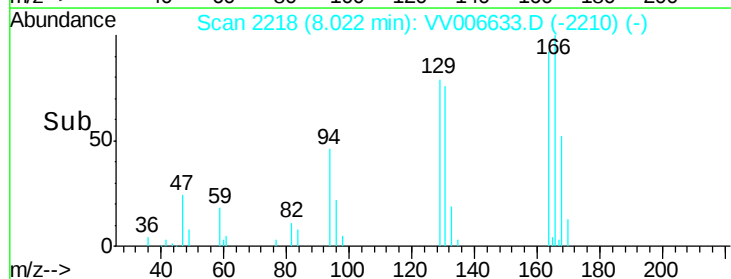
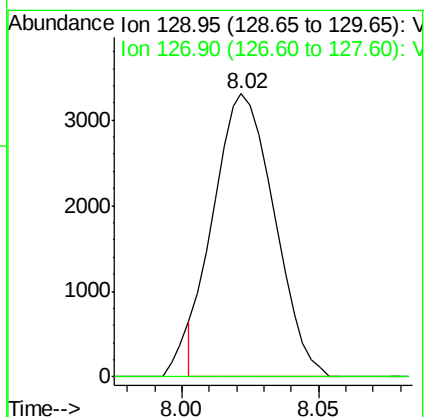
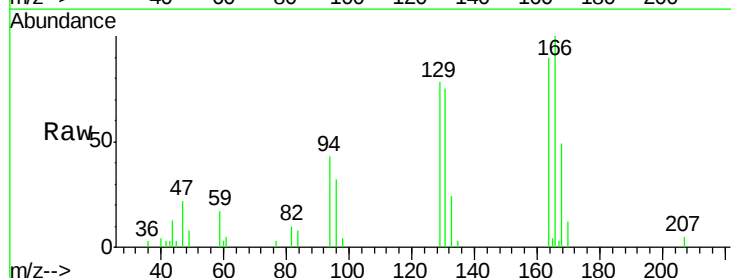
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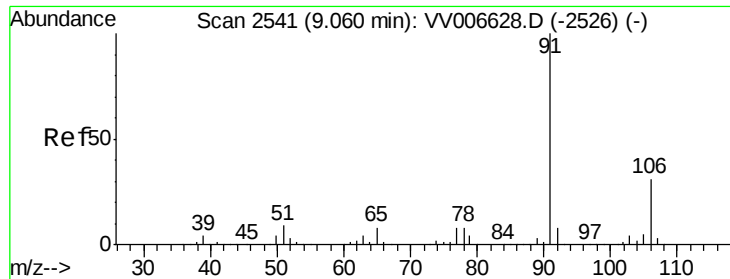
Tgt Ion: 43 Resp: 17481
Ion Ratio Lower Upper
43 100
58 27.8 48.2 72.4#
57 32.0 16.2 24.4#
100 0.3 11.0 16.4#



#49
Dibromochloromethane
Concen: 0.384 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion: 129 Resp: 5089
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#52

Ethylbenzene

Concen: 0.257 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006633.D

Acq: 18 Jul 2018 17:09

Instrument :

MSVOA_V

ClientSampleId :

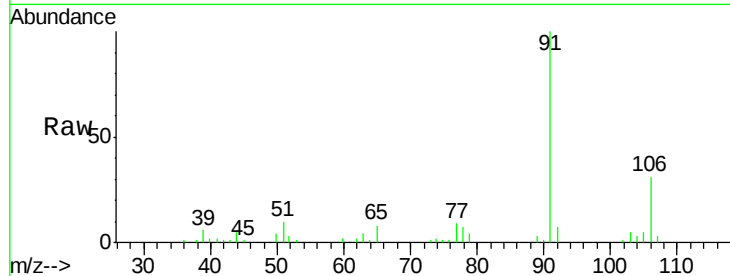
DB174

Tgt Ion: 91 Resp: 20395

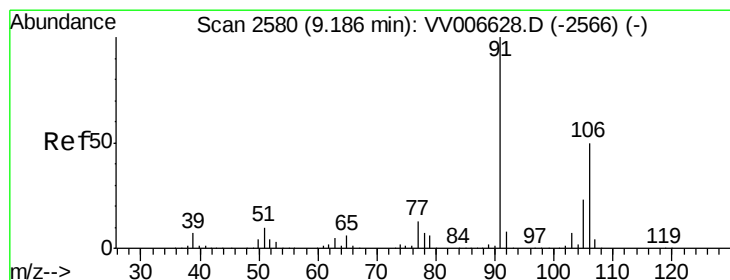
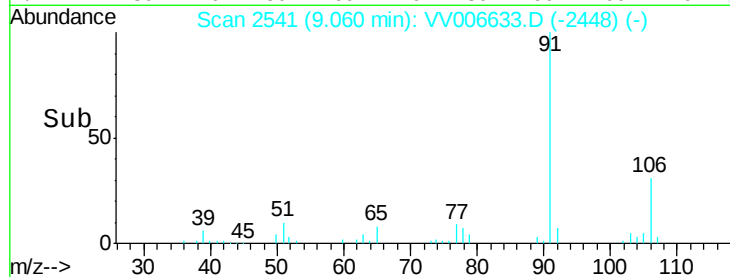
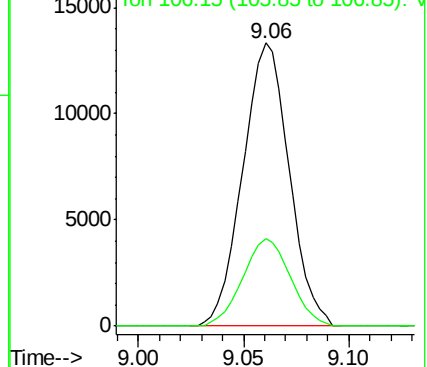
Ion Ratio Lower Upper

91 100

106 30.7 22.2 41.2



Abundance Ion 91.15 (90.85 to 91.85): VV006628.D (-2526) (-)



#53

m,p-xylene

Concen: 0.310 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006633.D

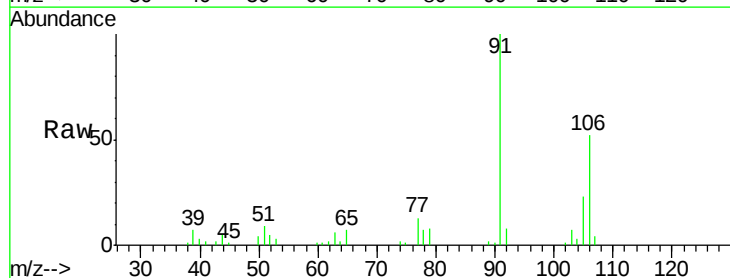
Acq: 18 Jul 2018 17:09

Tgt Ion: 106 Resp: 9473

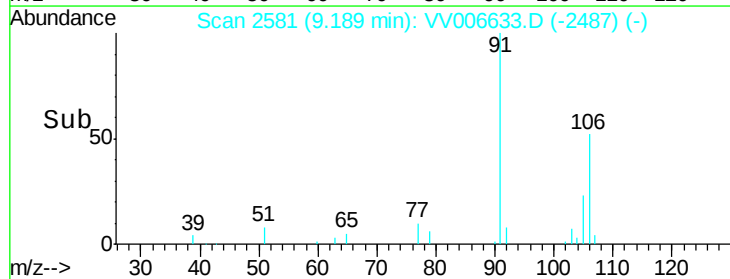
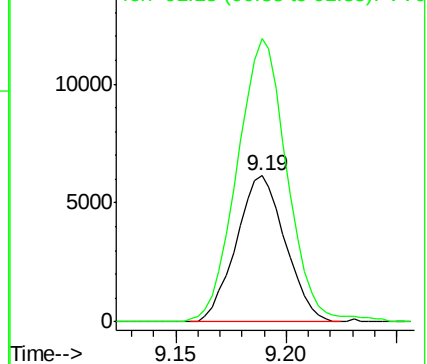
Ion Ratio Lower Upper

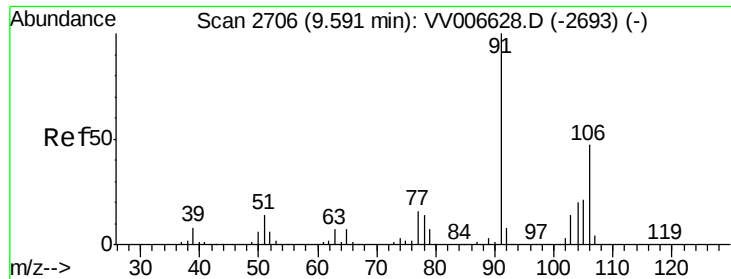
106 100

91 193.9 140.3 260.5



Abundance Ion 106.15 (105.85 to 106.85): VV006628.D (-2566) (-)





#54
 o-xylene
 Concen: 0.206 ug/L
 RT: 9.59 min Scan# 2706
 Delta R.T. -0.00 min
 Lab File: VV006633.D
 Acq: 18 Jul 2018 17:09

Instrument :
 MSVOA_V
 ClientSampleId :
 DB174

Tgt Ion:106 Resp: 6111
 Ion Ratio Lower Upper
 106 100
 91 194.2 149.0 276.6

