

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007489.D
 Acq On : 13 Dec 2018 15:36
 Operator : SY/AP
 Sample : J6319-10RE
 Misc : 4.46G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2RE

Quant Time: Dec 14 04:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	32439	36.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.34%	
35) Dibromofluoromethane	7.88	113	31063	37.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.34%	
50) Toluene-d8	10.32	98	101414	32.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.74%	
62) 4-Bromofluorobenzene	12.62	95	47053	40.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.68%	

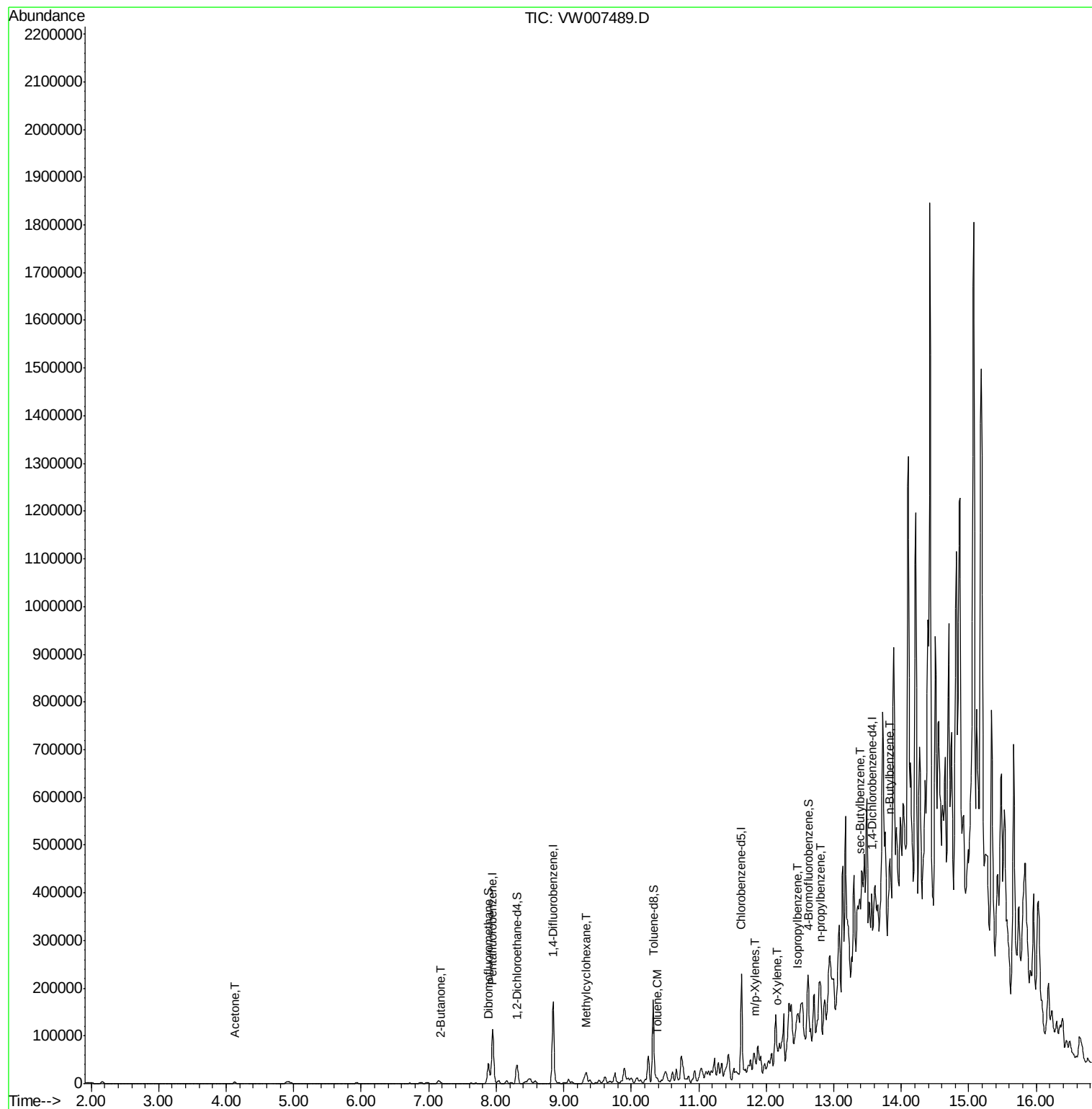
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5742	36.652	ug/l	90
25) 2-Butanone	7.18	43	2051	10.028	ug/l #	86
39) Methylcyclohexane	9.34	83	7779	5.101	ug/l	92
52) Toluene	10.39	92	3373	1.491	ug/l	88
68) m/p-Xylenes	11.84	106	6467	4.250	ug/l	91
69) o-Xylene	12.17	106	2556	1.799	ug/l	90
73) Isopropylbenzene	12.47	105	32030	9.396	ug/l	98
78) n-propylbenzene	12.81	91	64785	16.888	ug/l	98
85) sec-Butylbenzene	13.39	105	50279	14.594	ug/l #	42
89) n-Butylbenzene	13.83	91	61843	21.553	ug/l #	86

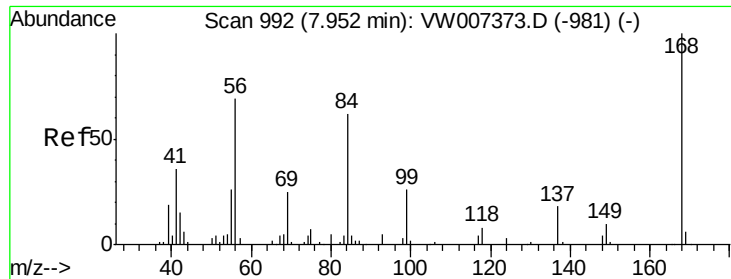
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007489.D

Acq: 13 Dec 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

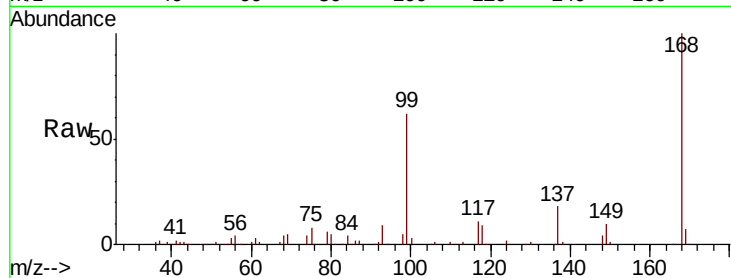
064_SW-E-2RE

Tot Ion:168 Resp: 80845

Ion Ratio Lower Upper

168 100

99 62.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

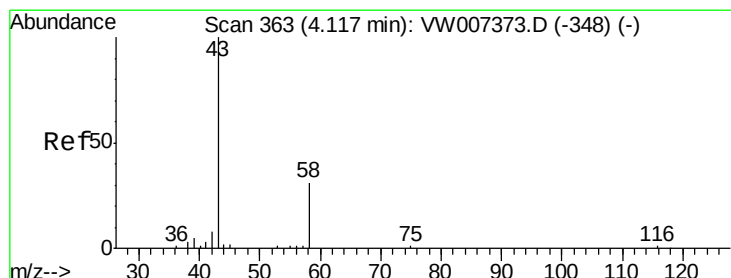
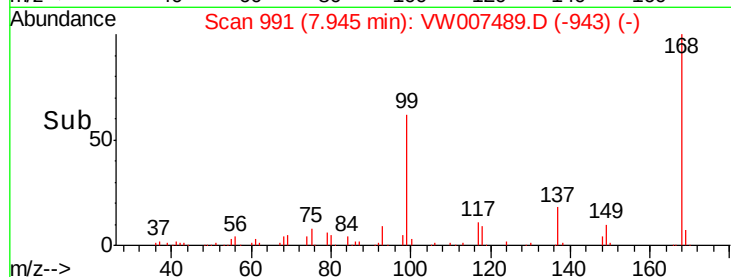
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 36.652 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007489.D

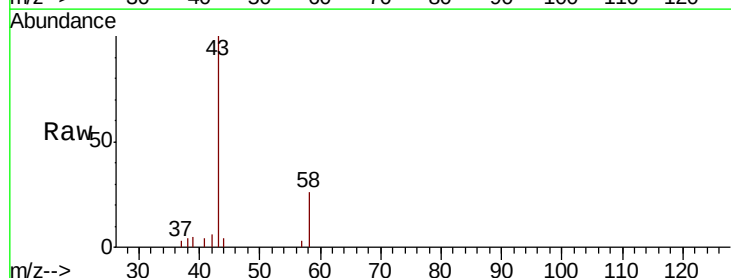
Acq: 13 Dec 2018 15:36

Tgt Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

58 25.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

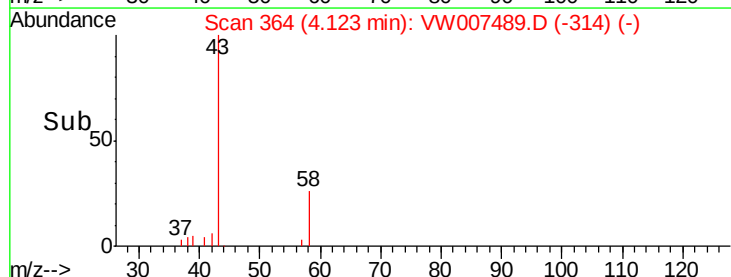
1000

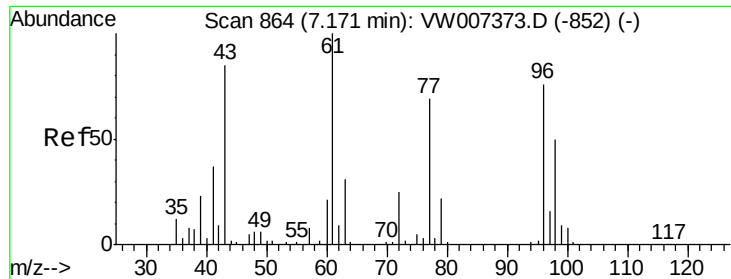
500

0

Time-->

4.00 4.10 4.20

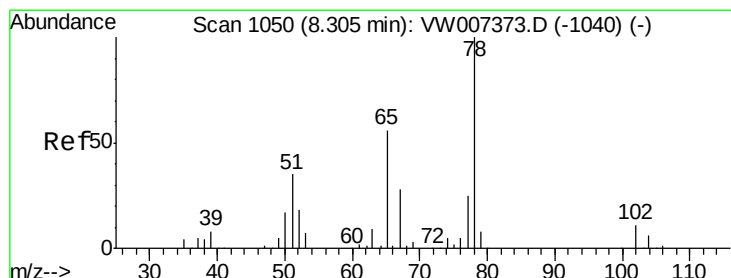
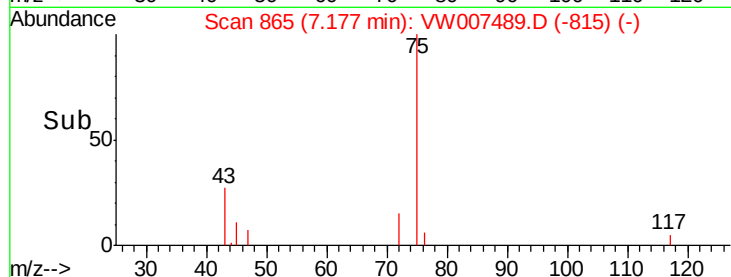
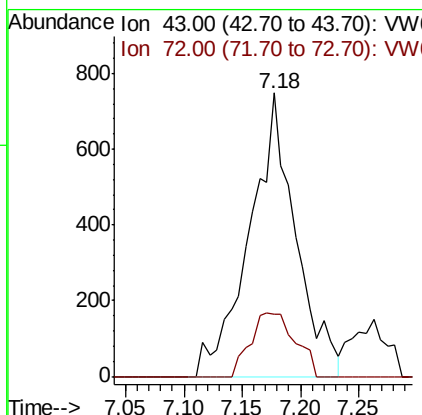
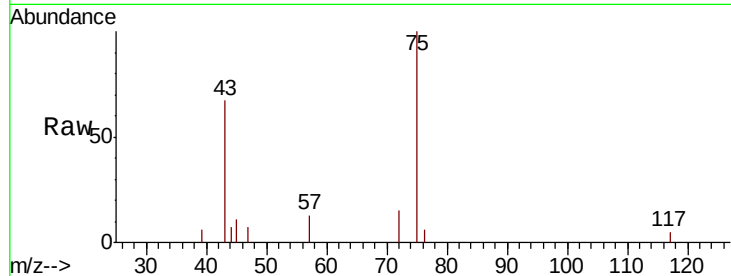




#25
 2-Butanone
 Concen: 10.028 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007489.D
 Acq: 13 Dec 2018 15:36

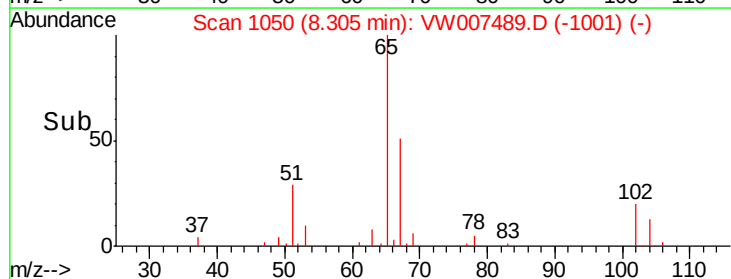
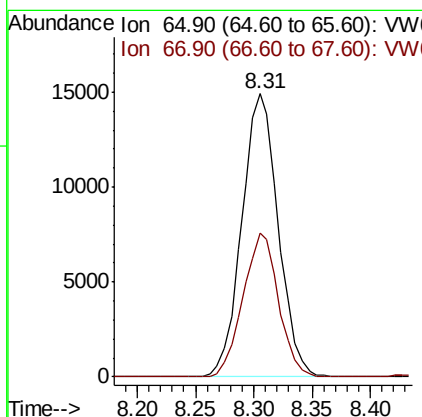
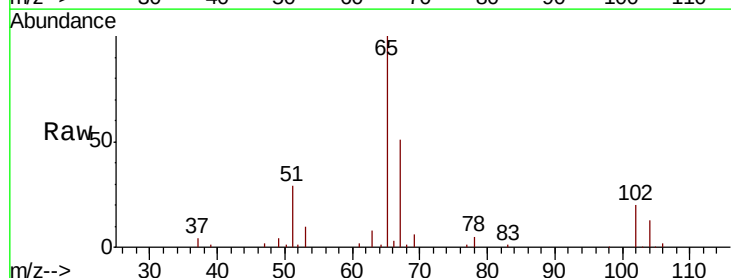
Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2RE

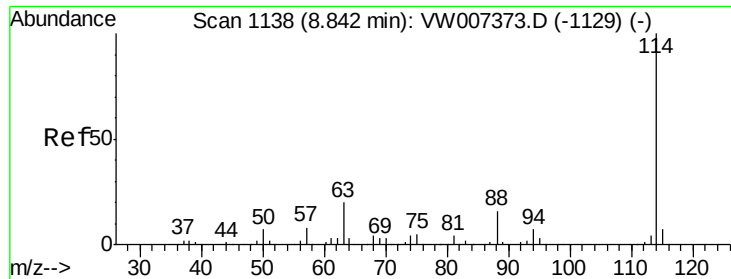
Tot Ion: 43 Resp: 2051
 Ion Ratio Lower Upper
 43 100
 72 21.9 23.4 35.2#



#33
 1,2-Dichloroethane-d4
 Concen: 36.167 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007489.D
 Acq: 13 Dec 2018 15:36

Tgt Ion: 65 Resp: 32439
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6

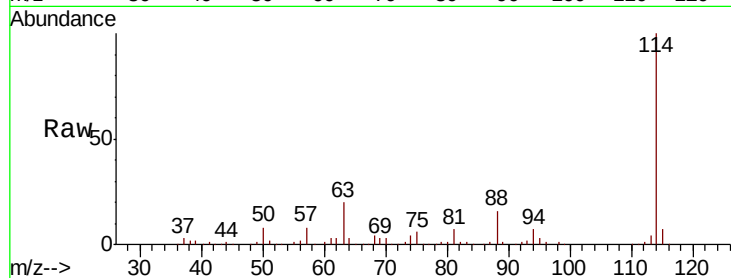




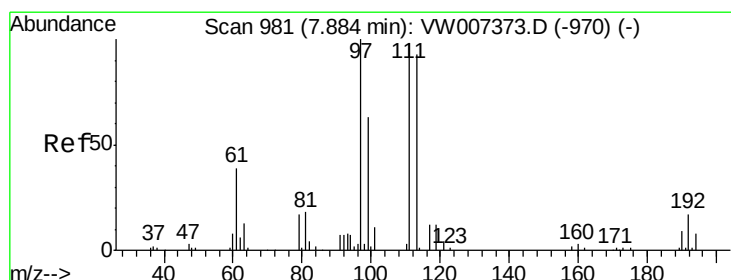
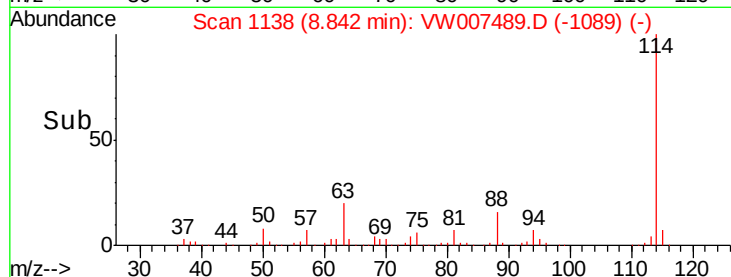
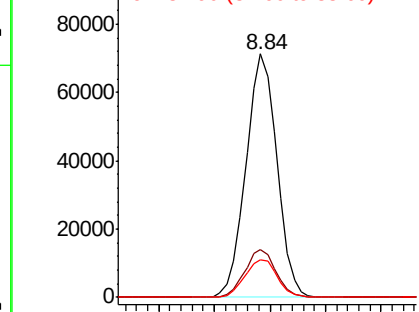
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Instrument :
MSVOA_W
ClientSampleId :
064_SW-E-2RE

Tot Ion:114 Resp: 138046
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 15.6 0.0 31.4

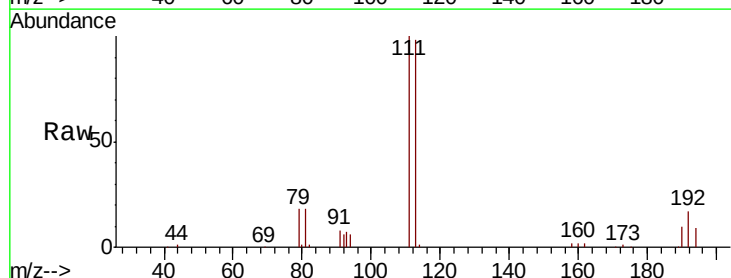


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

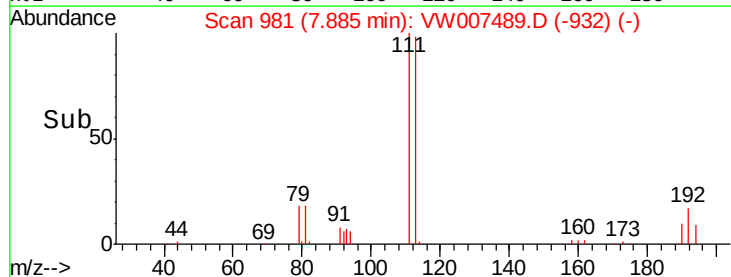
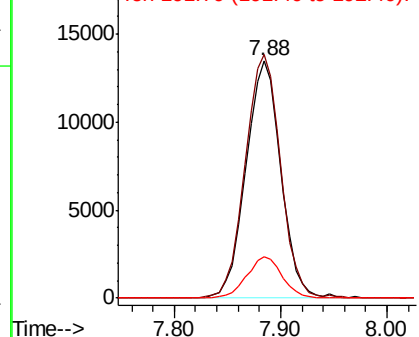


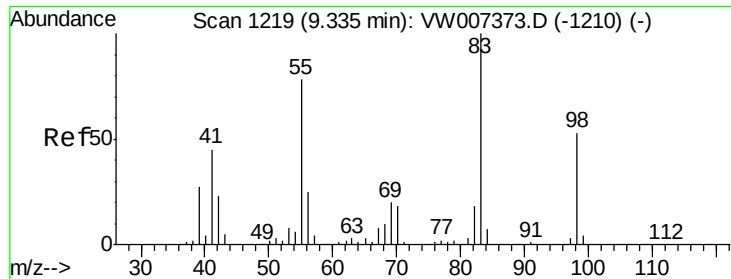
#35
Dibromofluoromethane
Concen: 37.172 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Tgt Ion:113 Resp: 31063
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 17.6 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

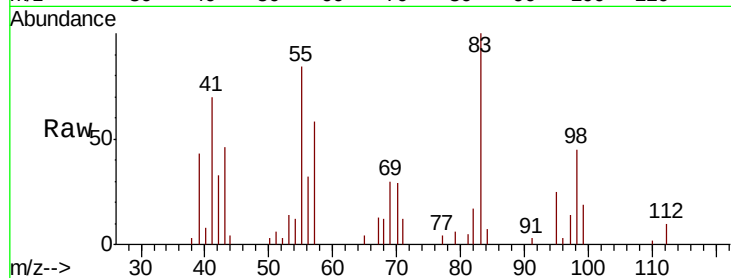




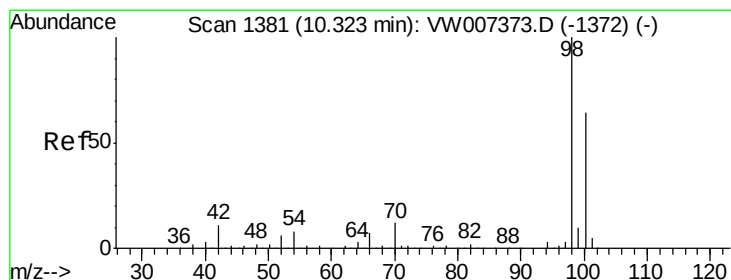
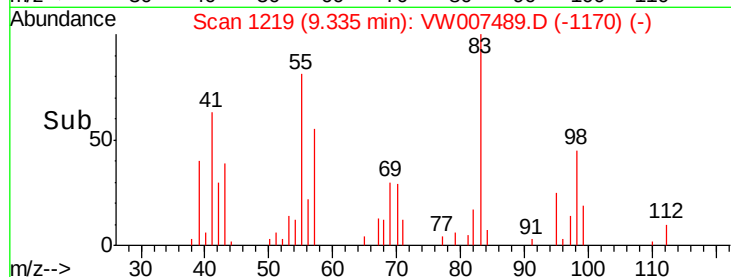
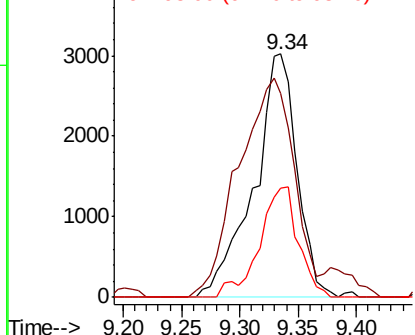
#39
Methylvlcyclohexane
Concen: 5.101 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Instrument :
MSVOA_W
ClientSampleId :
064_SW-E-2RE

Tot Ion: 83 Resp: 7779
Ion Ratio Lower Upper
83 100
55 83.7 62.8 94.2
98 45.0 42.2 63.2

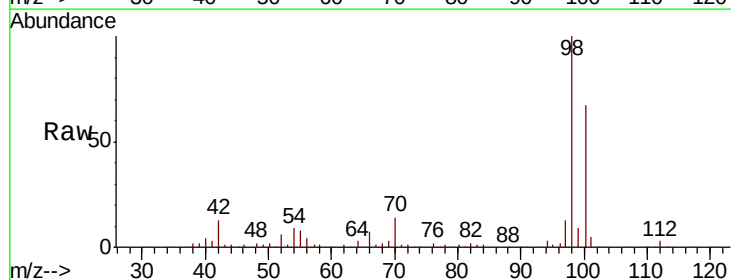


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

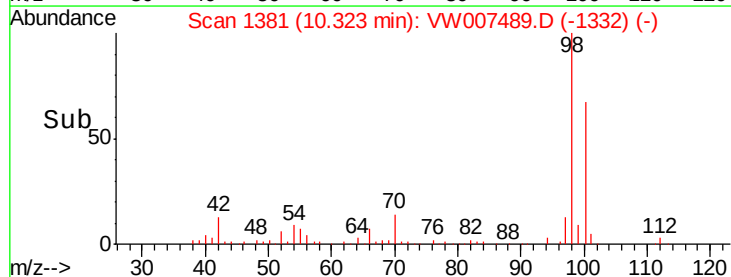
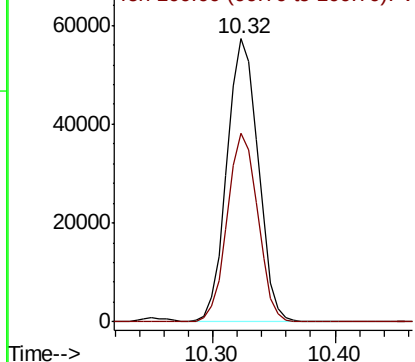


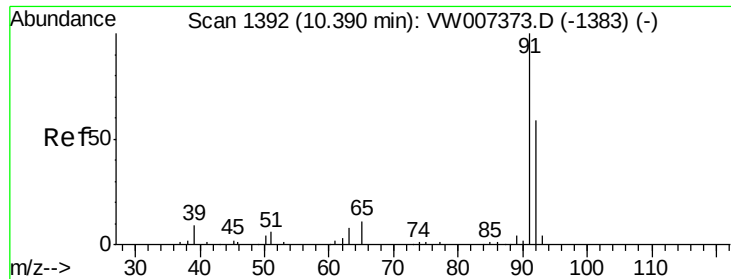
#50
Toluene-d8
Concen: 32.367 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Tgt Ion: 98 Resp: 101414
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.491 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007489.D

Acq: 13 Dec 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

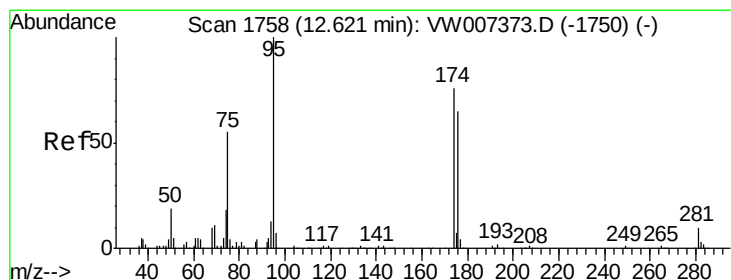
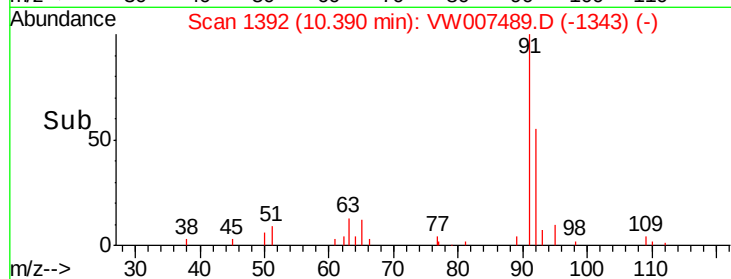
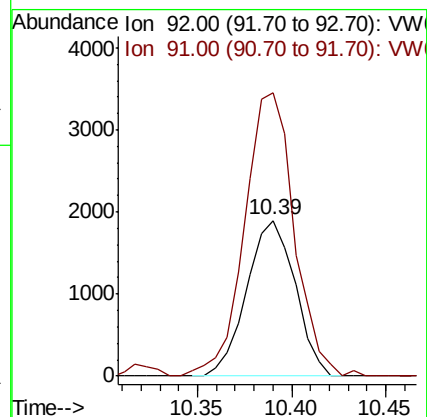
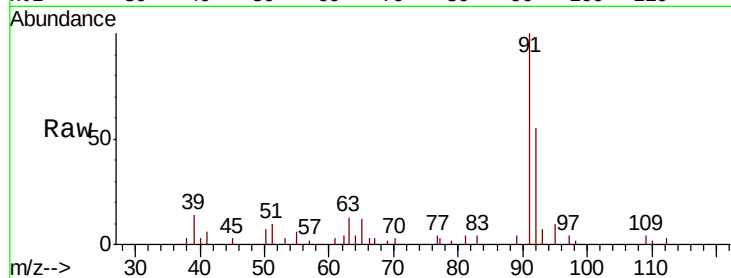
064_SW-E-2RE

Tot Ion: 92 Resp: 3373

Ion Ratio Lower Upper

92 100

91 186.9 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 40.845 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007489.D

Acq: 13 Dec 2018 15:36

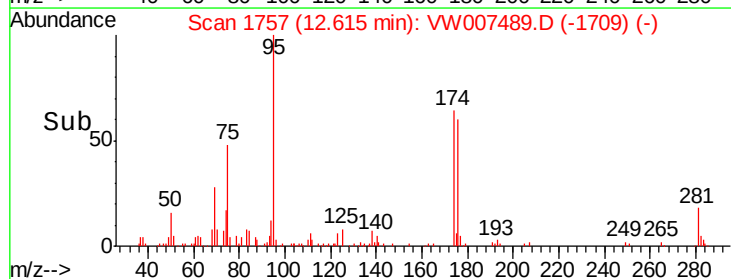
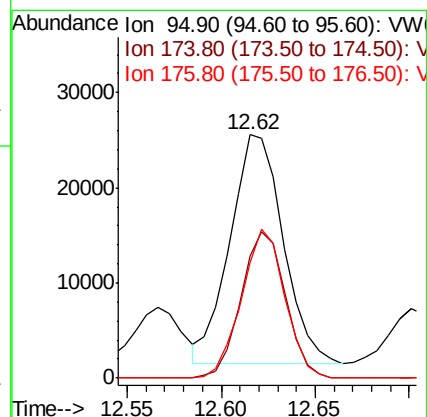
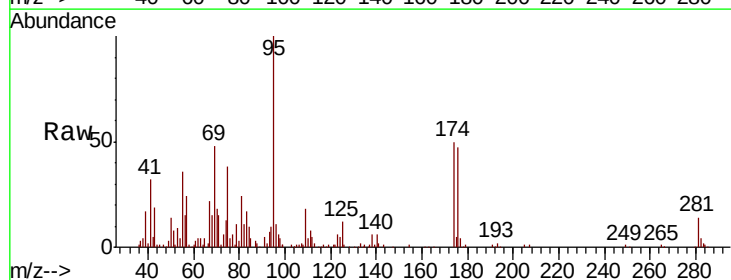
Tgt Ion: 95 Resp: 47053

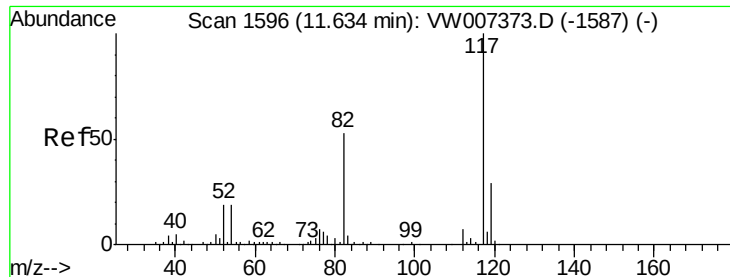
Ion Ratio Lower Upper

95 100

174 53.5 0.0 147.2

176 53.1 0.0 138.8

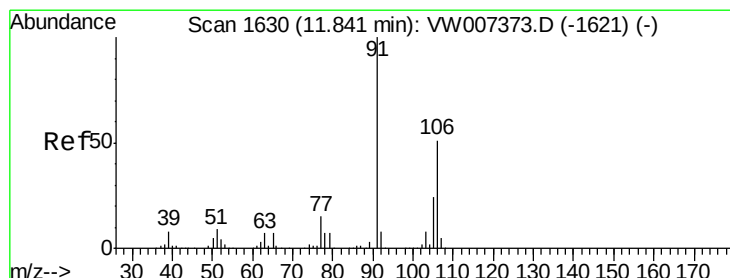
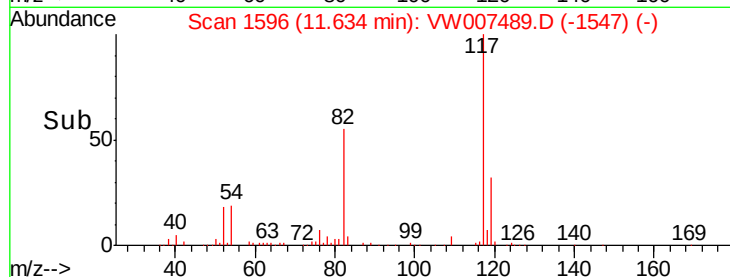
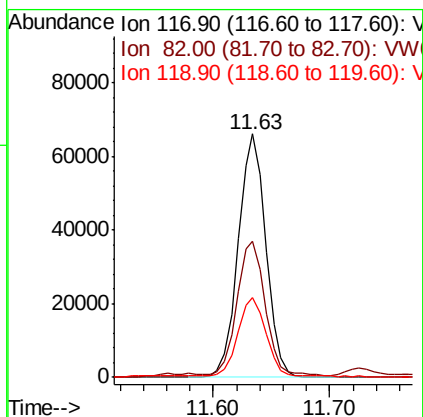
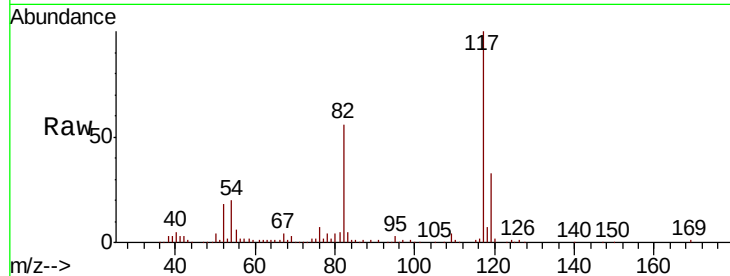




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

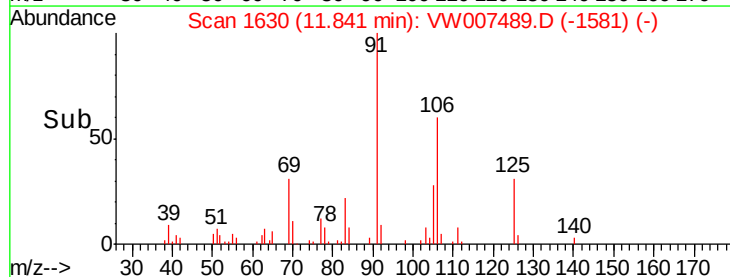
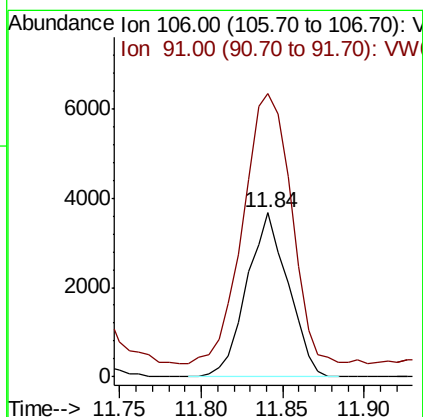
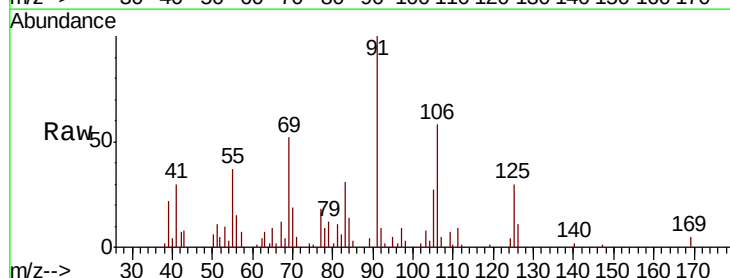
Instrument :
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ClientSampleId :
064_SW-E-2RE

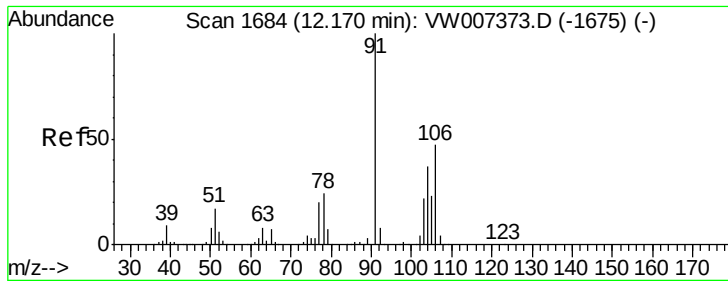
Tot Ion:117 Resp: 109215
Ion Ratio Lower Upper
117 100
82 54.5 42.3 63.5
119 32.2 23.0 34.6



#68
m/p-Xylenes
Concen: 4.250 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Tgt Ion:106 Resp: 6467
Ion Ratio Lower Upper
106 100
91 192.0 165.3 247.9

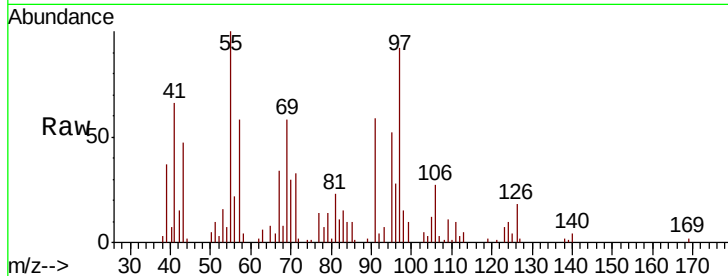




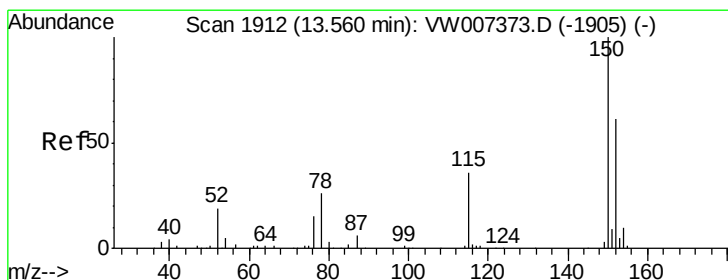
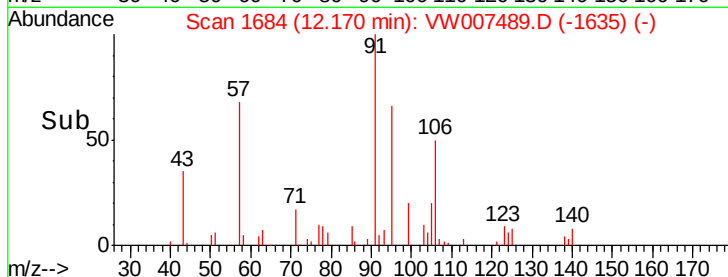
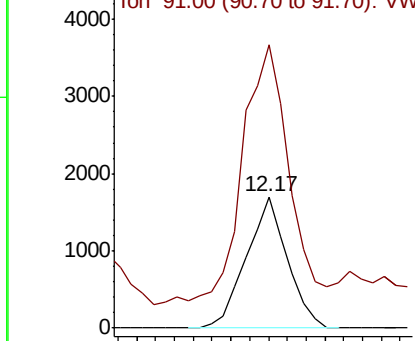
#69
o-Xylene
Concen: 1.799 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Instrument :
MSVOA_W
ClientSampled :
064_SW-E-2RE

Tot Ion:106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 229.0 106.6 319.8

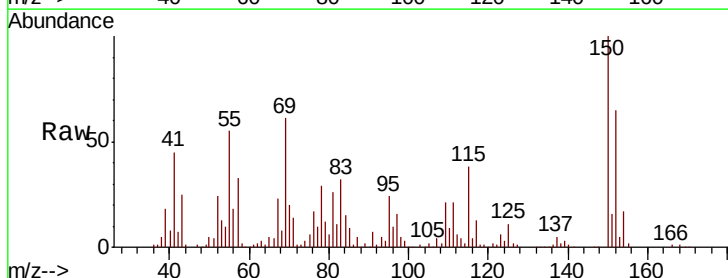


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

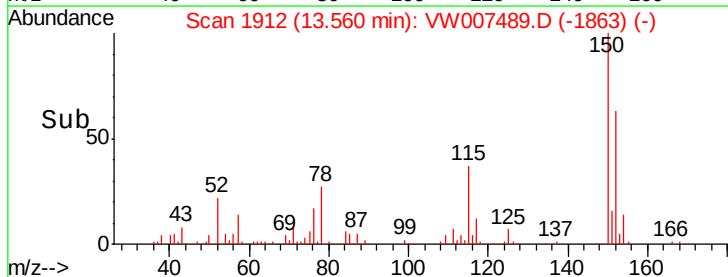
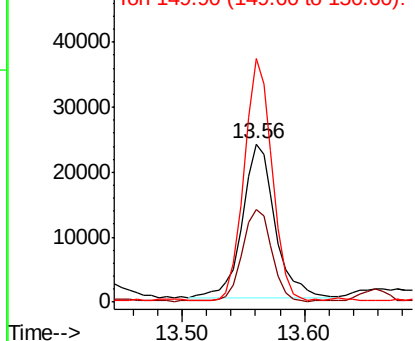


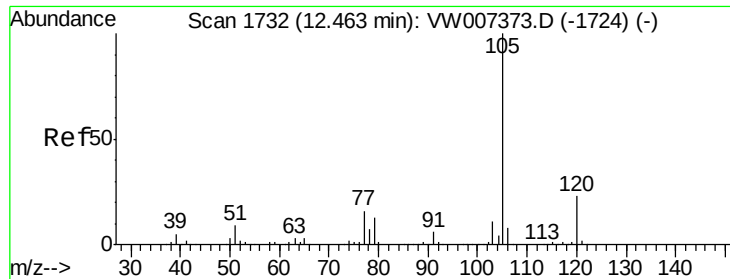
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007489.D
Acq: 13 Dec 2018 15:36

Tgt Ion:152 Resp: 44487
Ion Ratio Lower Upper
152 100
115 53.2 31.4 94.2
150 132.0 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.396 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007489.D

Acq: 13 Dec 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

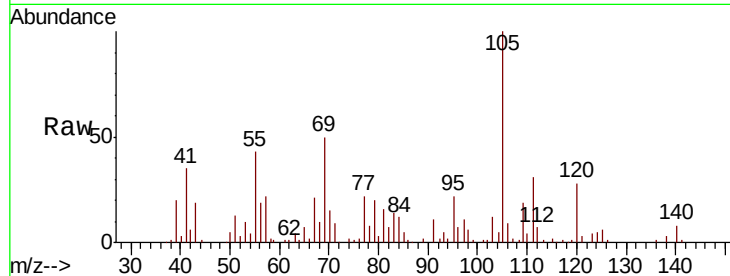
064_SW-E-2RE

Tot Ion:105 Resp: 32030

Ion Ratio Lower Upper

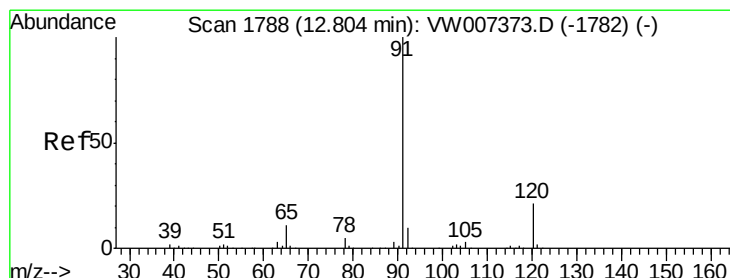
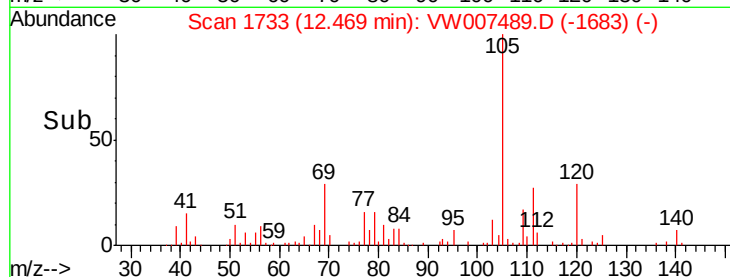
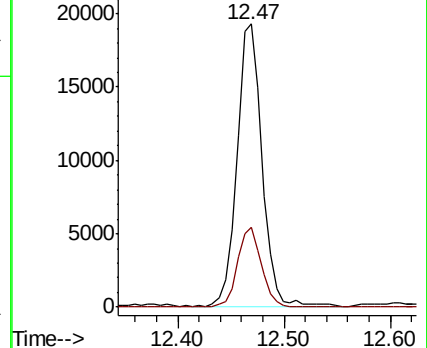
105 100

120 26.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 16.888 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007489.D

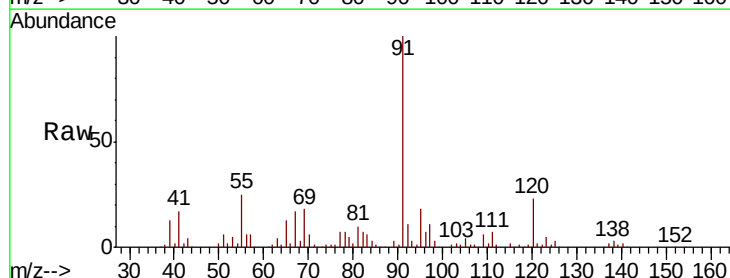
Acq: 13 Dec 2018 15:36

Tgt Ion: 91 Resp: 64785

Ion Ratio Lower Upper

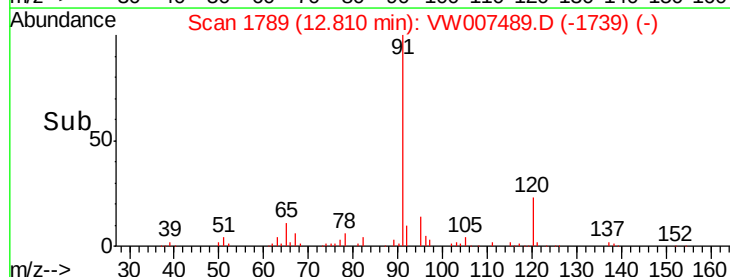
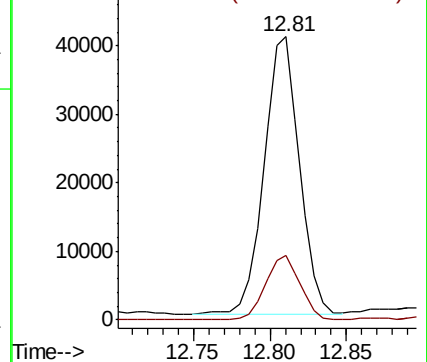
91 100

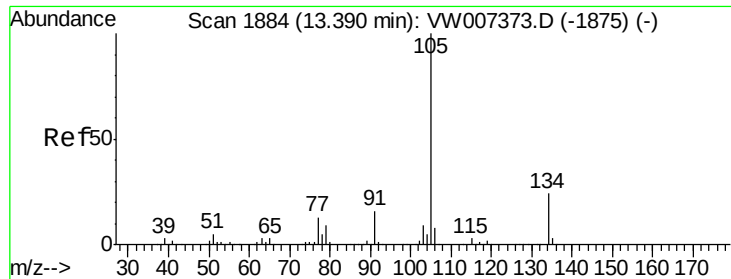
120 22.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

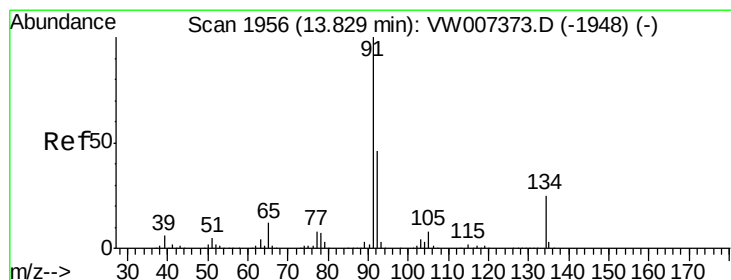
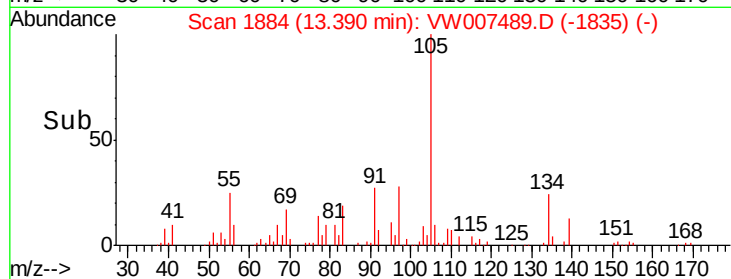
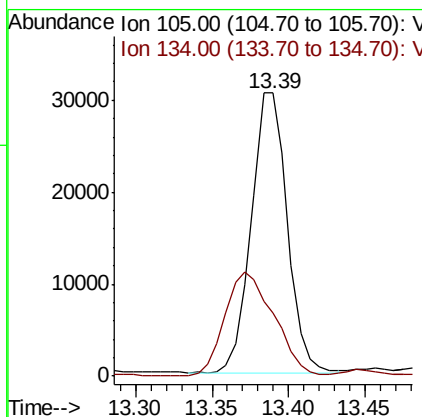
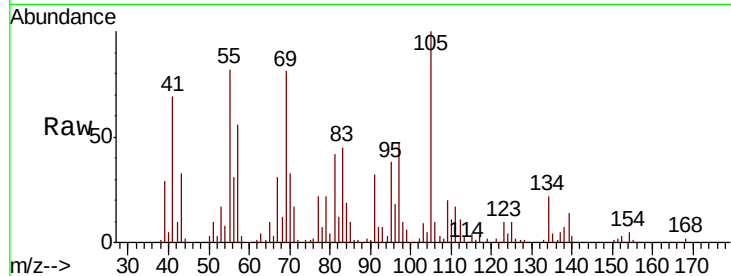




#85
 sec-Butylbenzene
 Concen: 14.594 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007489.D
 Acq: 13 Dec 2018 15:36

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2RE

Tot Ion: 105 Resp: 50279
 Ion Ratio Lower Upper
 105 100
 134 50.2 11.1 33.3#



#89
 n-Butylbenzene
 Concen: 21.553 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007489.D
 Acq: 13 Dec 2018 15:36

Tgt Ion: 91 Resp: 61843
 Ion Ratio Lower Upper
 91 100
 92 47.6 25.7 77.1
 134 42.4 13.4 40.2#

