

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007479.D
 Acq On : 13 Dec 2018 11:17
 Operator : SY/AP
 Sample : J6319-10
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2

Quant Time: Dec 13 12:58:06 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	70342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33435	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	33419	42.82	ug/l	0.00
Spiked Amount			Recovery	=	85.64%	
35) Dibromofluoromethane	7.88	113	31816	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
50) Toluene-d8	10.32	98	102624	38.17	ug/l	0.00
Spiked Amount			Recovery	=	76.34%	
62) 4-Bromofluorobenzene	12.62	95	36266	36.68	ug/l	0.00
Spiked Amount			Recovery	=	73.36%	

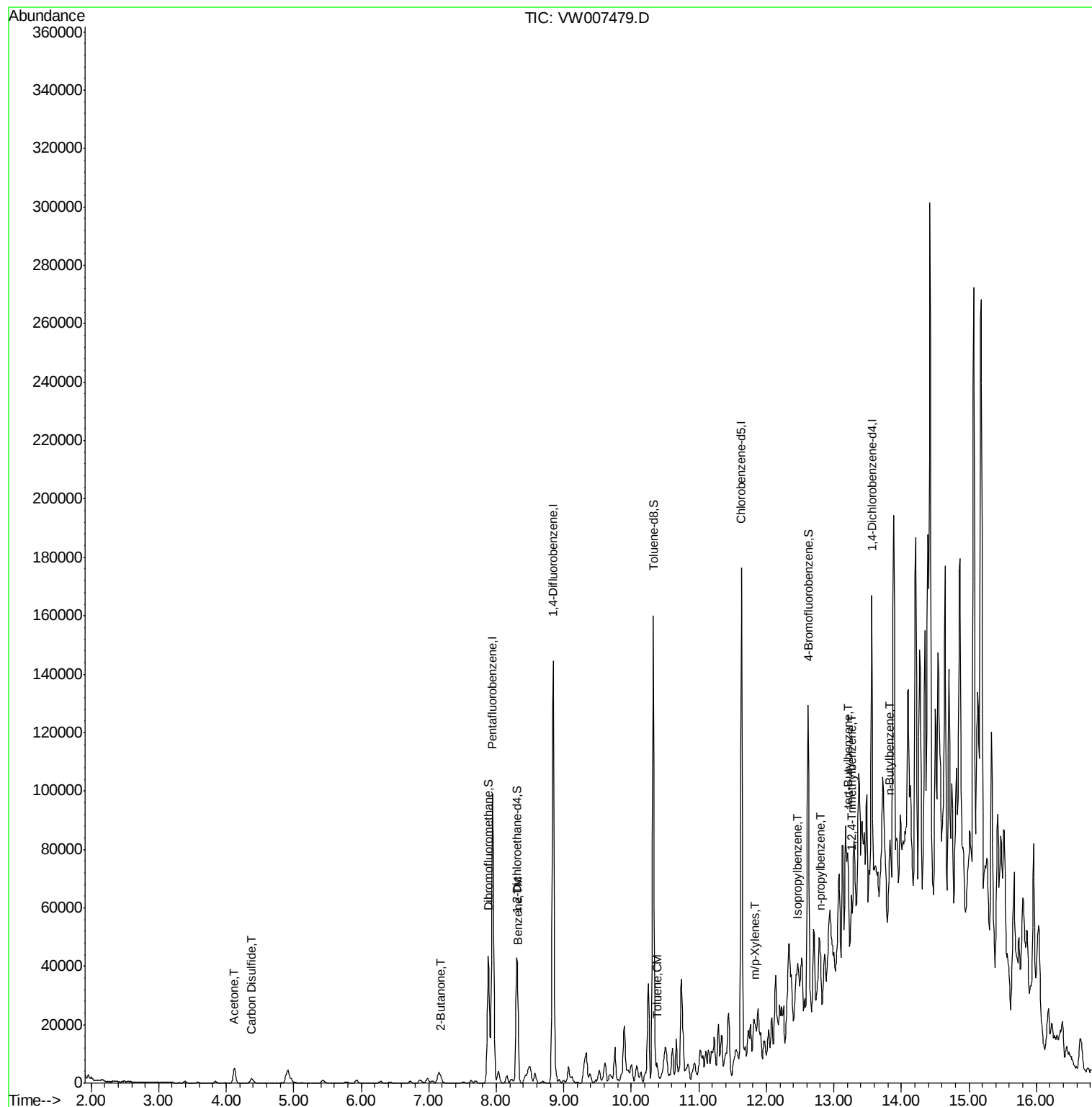
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	8830	64.778	ug/l	92
17) Carbon Disulfide	4.37	76	3610	1.725	ug/l	97
25) 2-Butanone	7.18	43	3093	17.381	ug/l	94
40) Benzene	8.32	78	3972	1.324	ug/l	99
52) Toluene	10.38	92	2334	1.203	ug/l	94
68) m/p-Xylenes	11.84	106	3640	2.903	ug/l	99
73) Isopropylbenzene	12.47	105	9013	3.518	ug/l	98
78) n-propylbenzene	12.81	91	9176	3.183	ug/l	93
83) tert-Butylbenzene	13.21	119	5620	2.963	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	4929	2.225	ug/l	98
89) n-Butylbenzene	13.83	91	5580	2.588	ug/l	91

(#) = 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: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

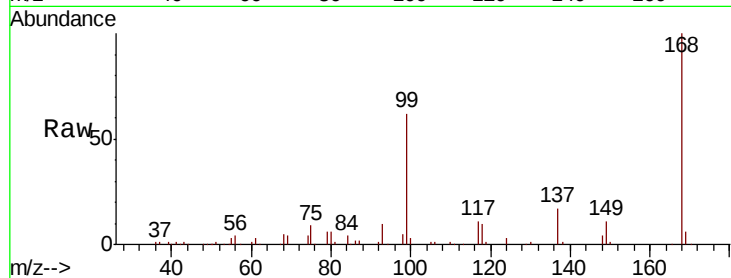
064_SW-E-2

Tot Ion:168 Resp: 70342

Ion Ratio Lower Upper

168 100

99 61.8 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

30000

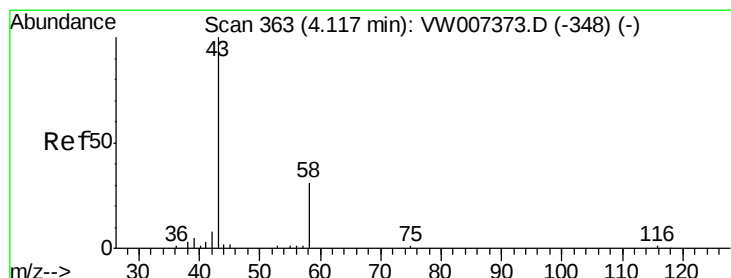
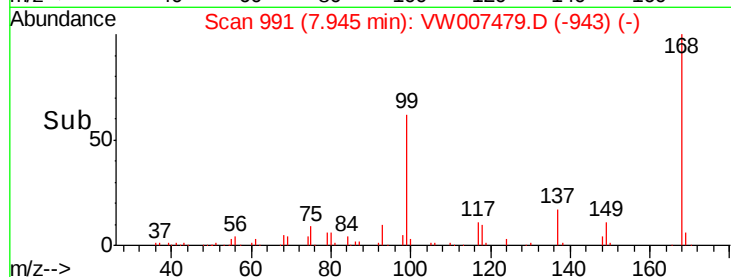
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 64.778 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007479.D

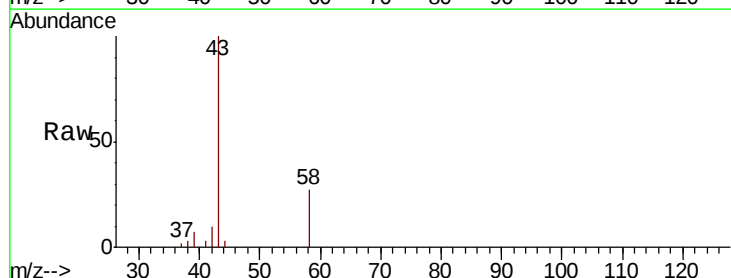
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 8830

Ion Ratio Lower Upper

43 100

58 26.8 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

3000

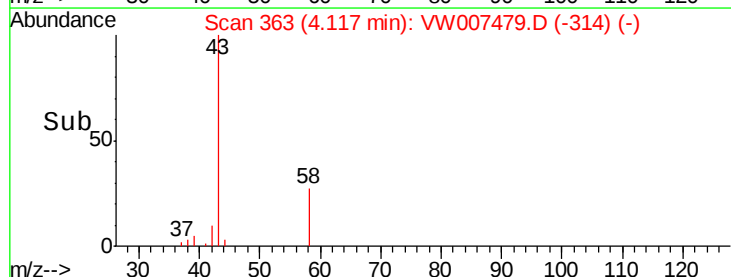
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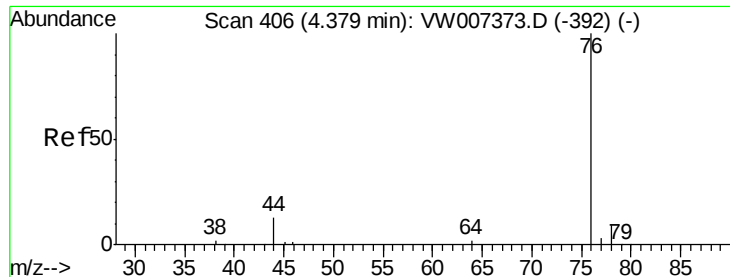
1000

0

Time-->

4.00 4.05 4.10 4.15 4.20





#17

Carbon Disulfide

Concen: 1.725 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampled :

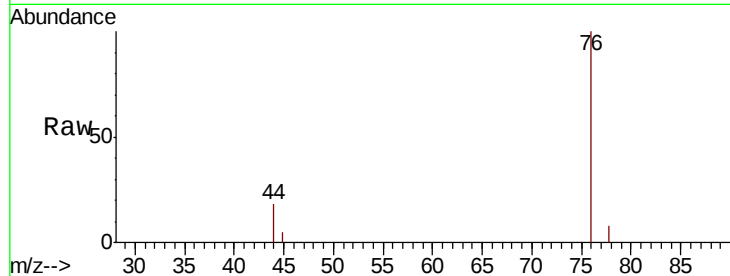
064_SW-E-2

Tot Ion: 76 Resp: 3610

Ion Ratio Lower Upper

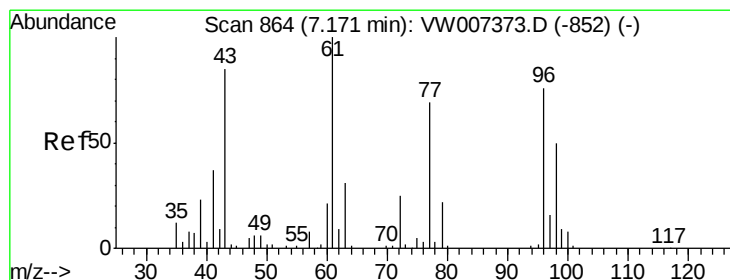
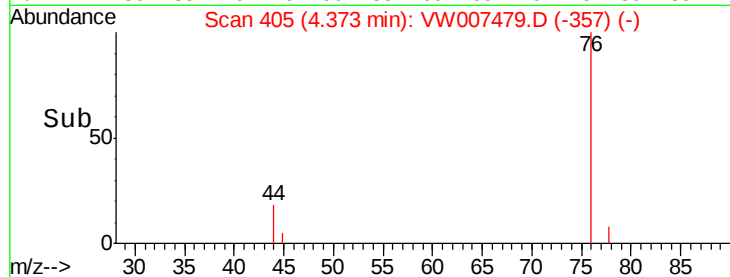
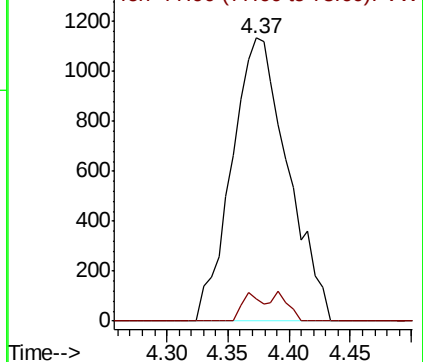
76 100

78 7.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 17.381 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007479.D

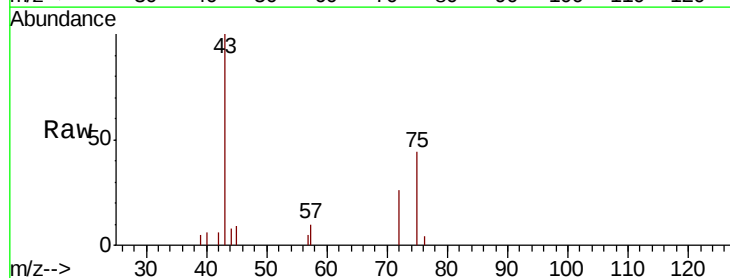
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

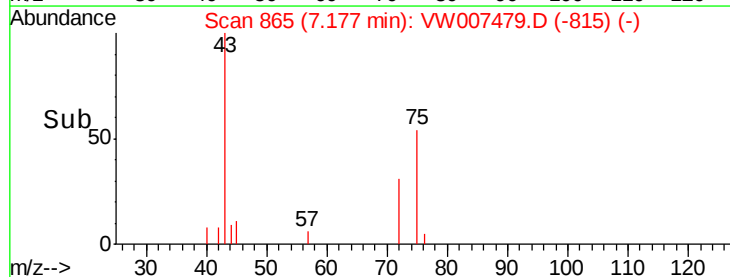
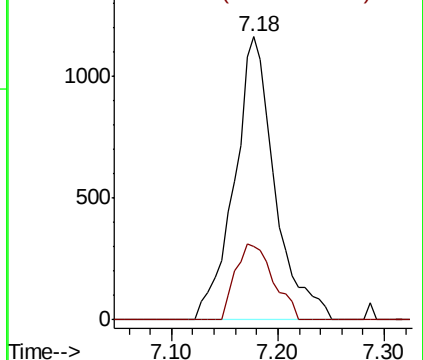
43 100

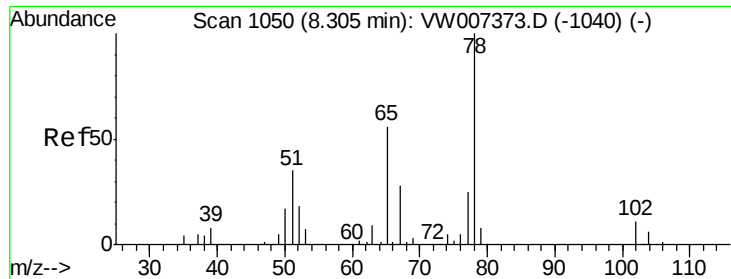
72 25.9 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

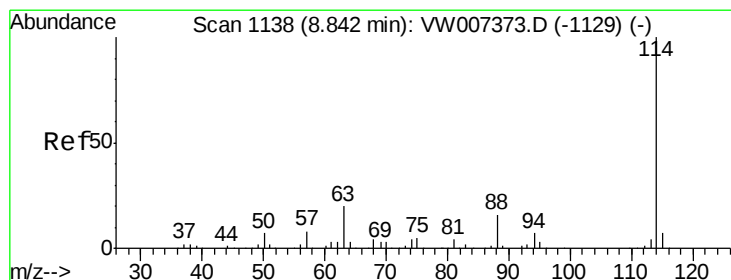
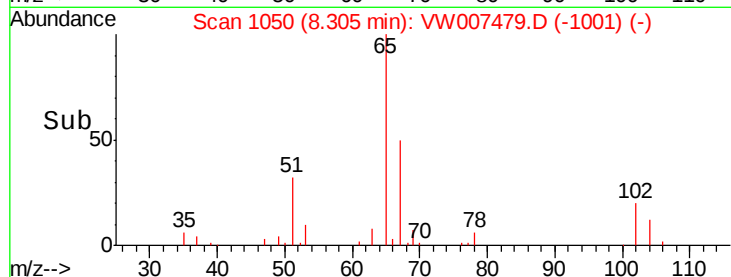
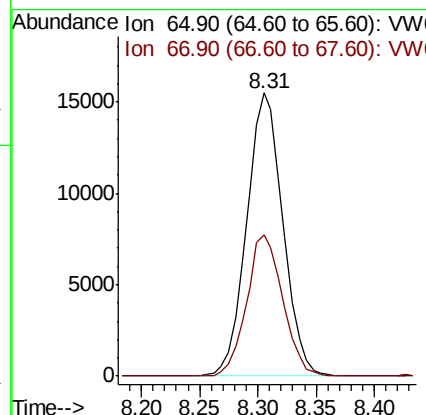
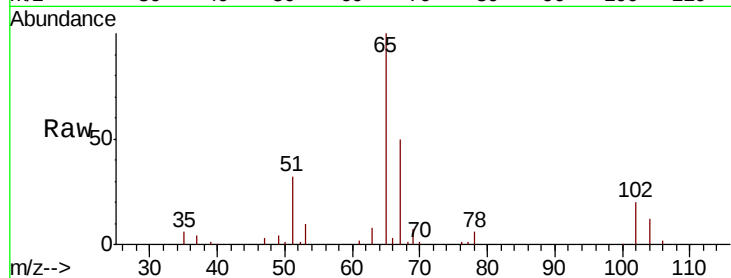




#33
 1,2-Dichloroethane-d4
 Concen: 42.824 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

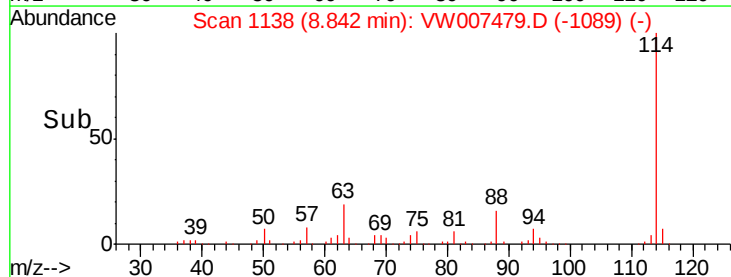
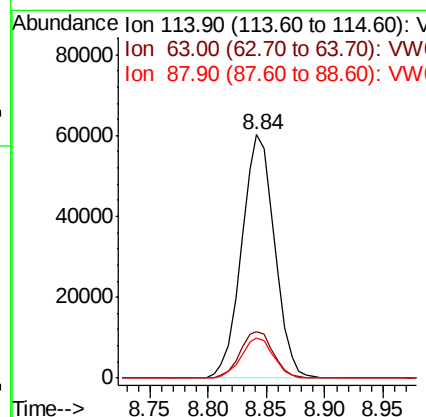
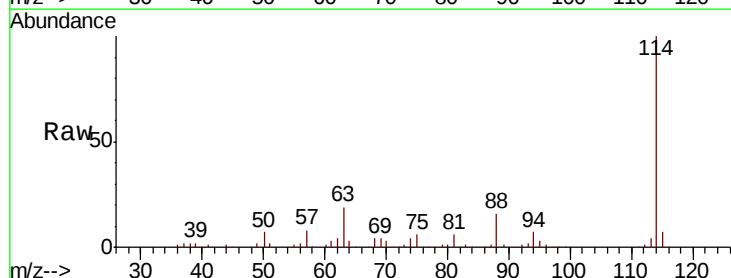
Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2

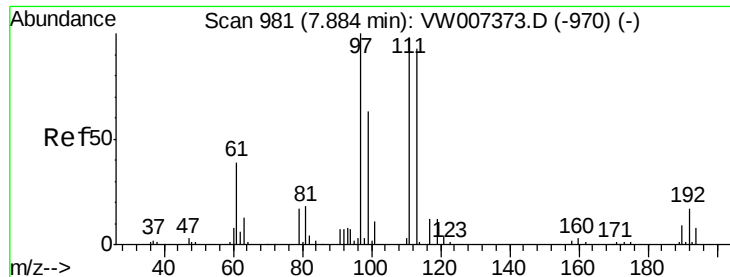
Tot Ion: 65 Resp: 33419
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Tgt Ion: 114 Resp: 118464
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.3 0.0 31.4

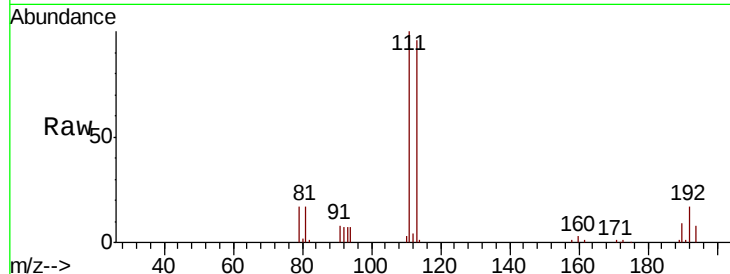




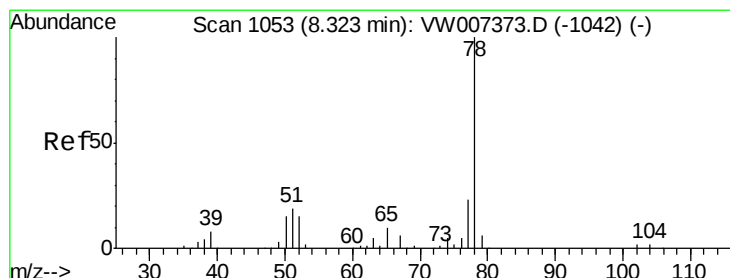
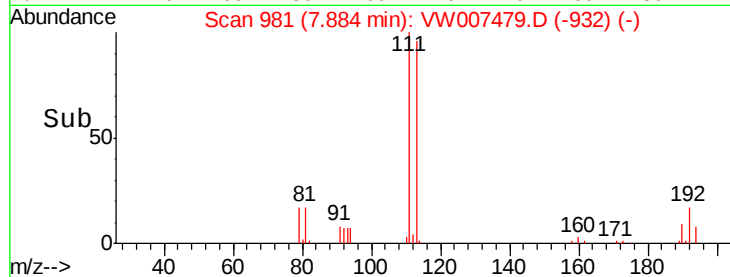
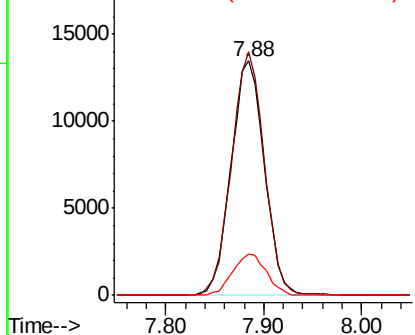
#35
 Dibromofluoromethane
 Concen: 44.367 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2

Tot Ion:113 Resp: 31816
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 17.8 14.6 21.8

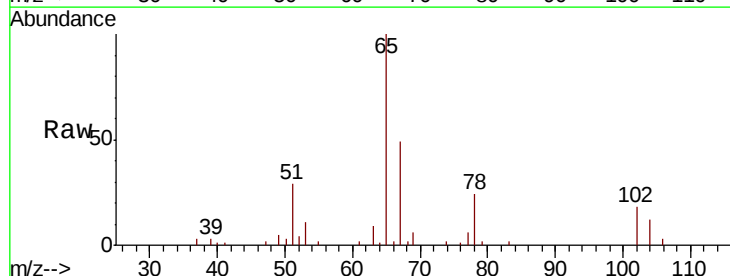


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

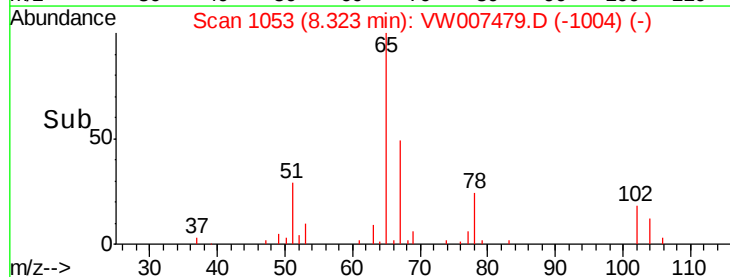
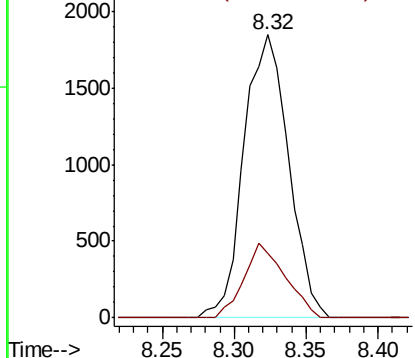


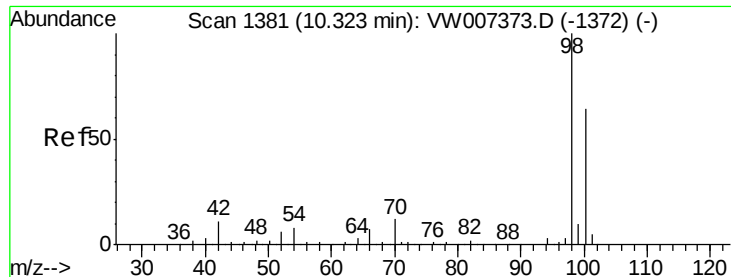
#40
 Benzene
 Concen: 1.324 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Tgt Ion: 78 Resp: 3972
 Ion Ratio Lower Upper
 78 100
 77 22.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 38.168 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

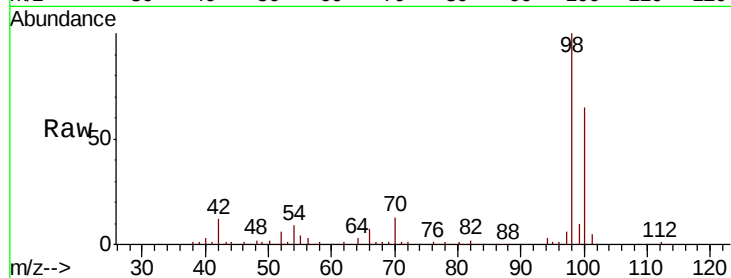
064_SW-E-2

Tot Ion: 98 Resp: 102624

Ion Ratio Lower Upper

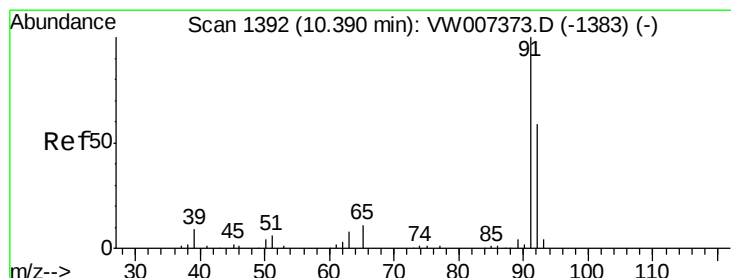
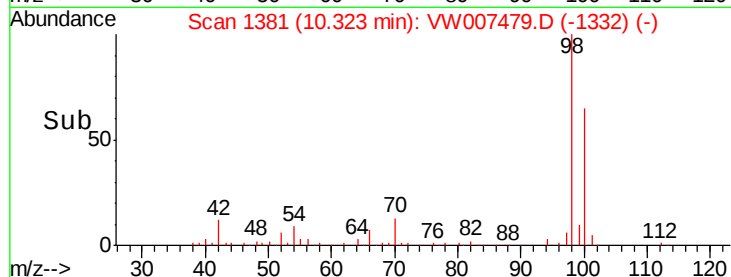
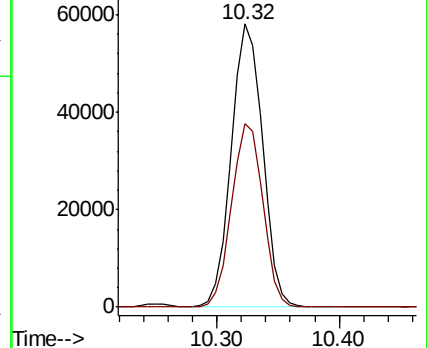
98 100

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: 1.203 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007479.D

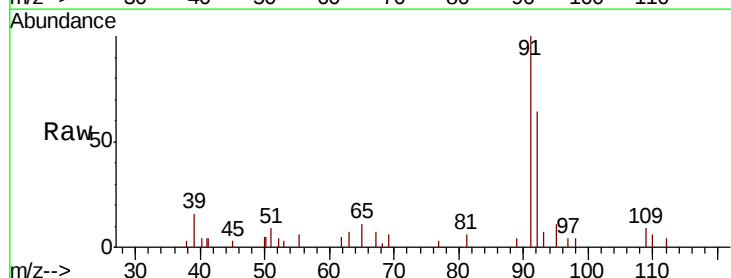
Acq: 13 Dec 2018 11:17

Tgt Ion: 92 Resp: 2334

Ion Ratio Lower Upper

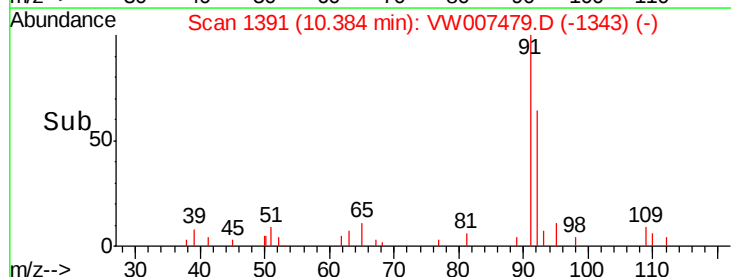
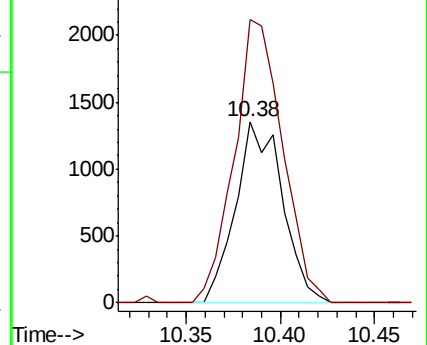
92 100

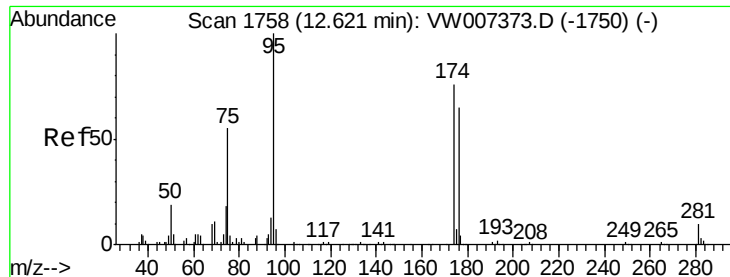
91 161.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

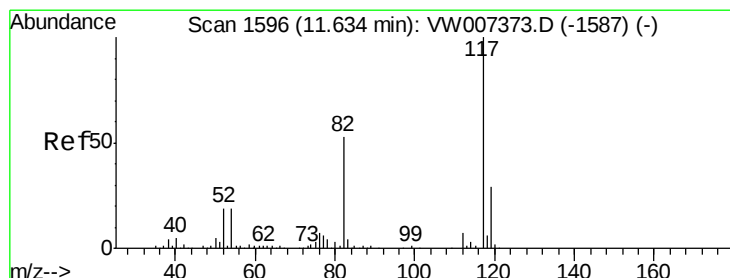
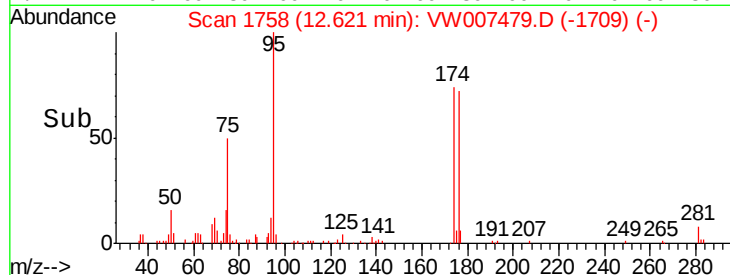
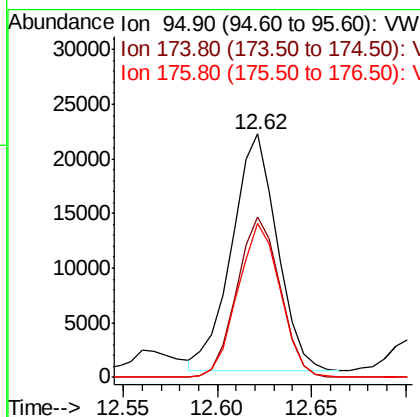
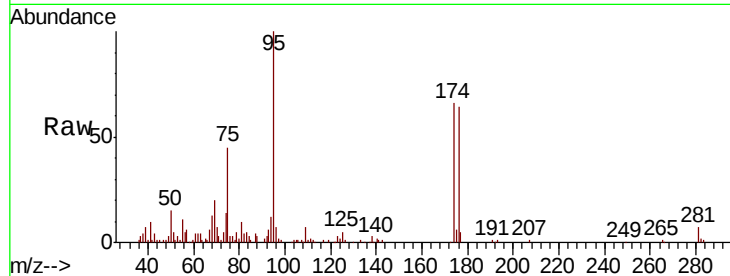




#62
4-Bromofluorobenzene
Concen: 36.685 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

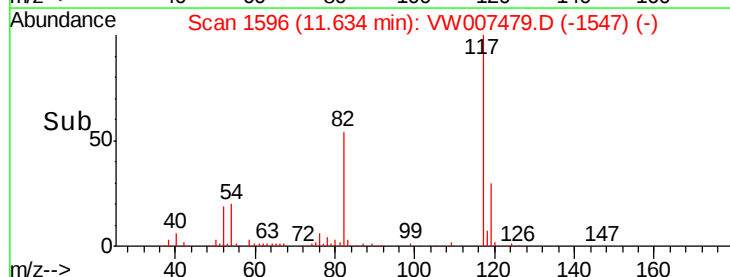
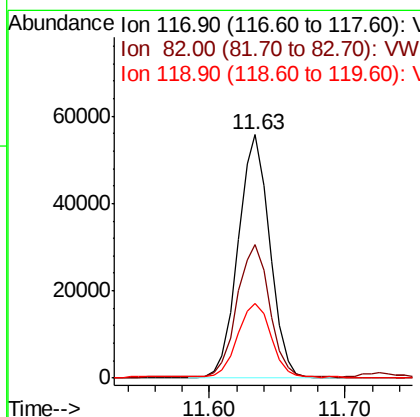
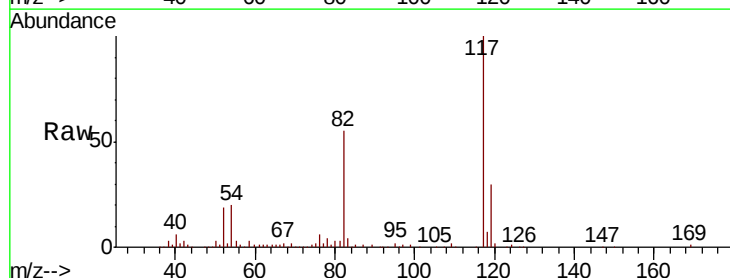
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064_SW-E-2

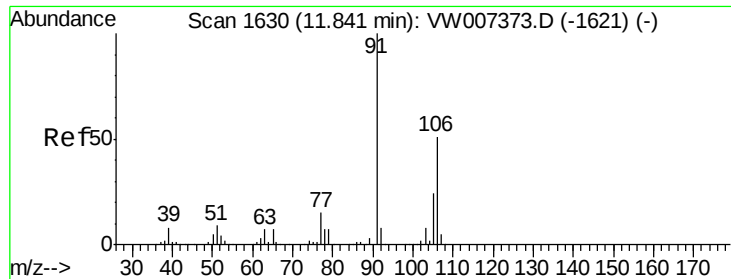
Tot Ion: 95 Resp: 36266
Ion Ratio Lower Upper
95 100
174 64.4 0.0 147.2
176 61.1 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion: 117 Resp: 89994
Ion Ratio Lower Upper
117 100
82 54.3 42.3 63.5
119 30.0 23.0 34.6

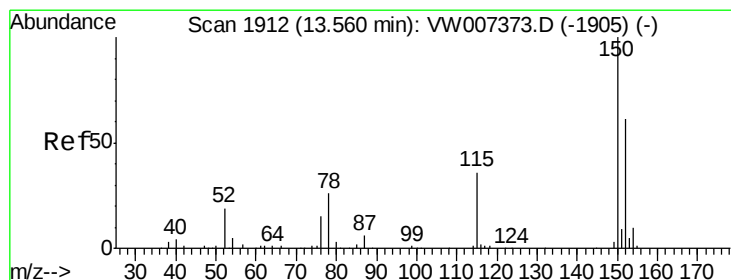
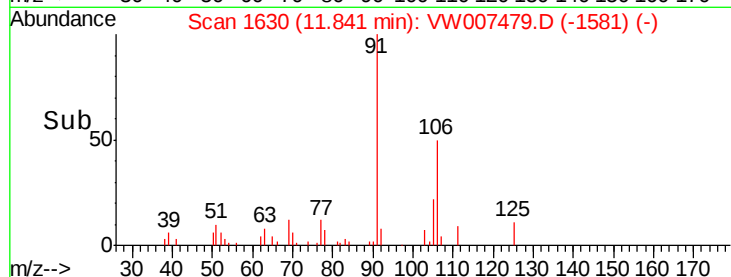
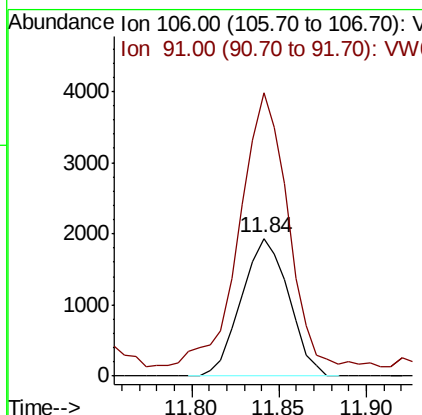
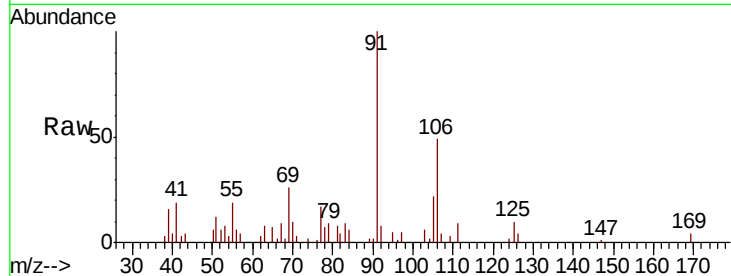




#68
m/p-Xvlenes
Concen: 2.903 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

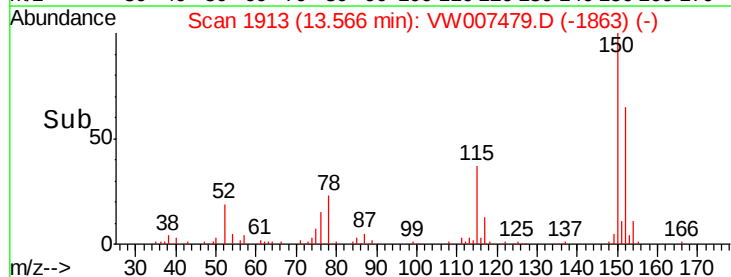
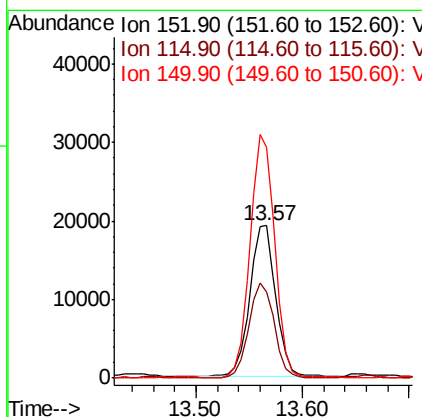
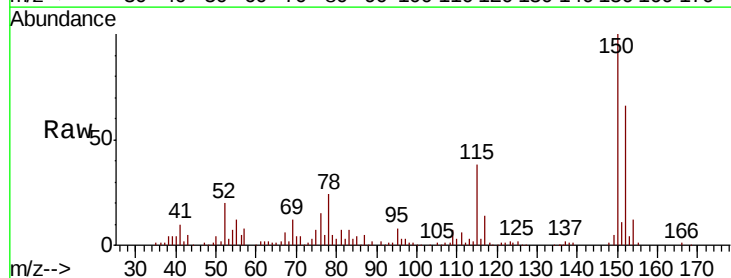
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ClientSampleId :
064_SW-E-2

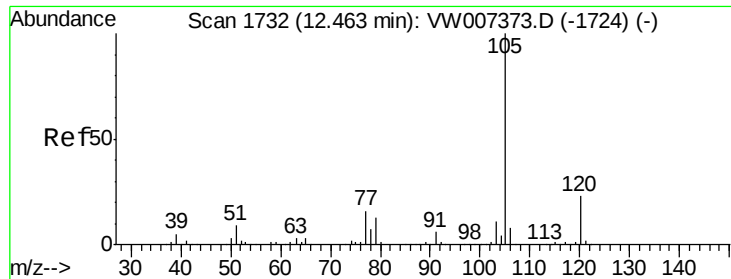
Tot Ion:106 Resp: 3640
Ion Ratio Lower Upper
106 100
91 204.6 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion:152 Resp: 33435
Ion Ratio Lower Upper
152 100
115 61.3 31.4 94.2
150 150.7 0.0 358.4





#73

Isopropylbenzene

Concen: 3.518 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

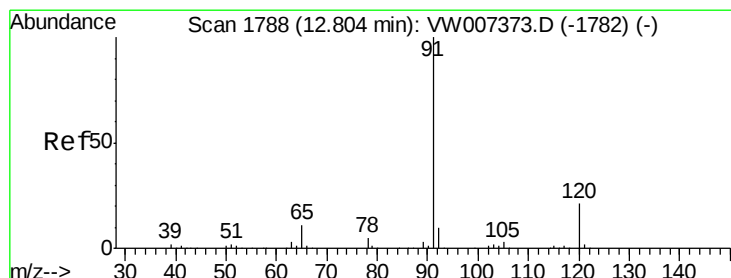
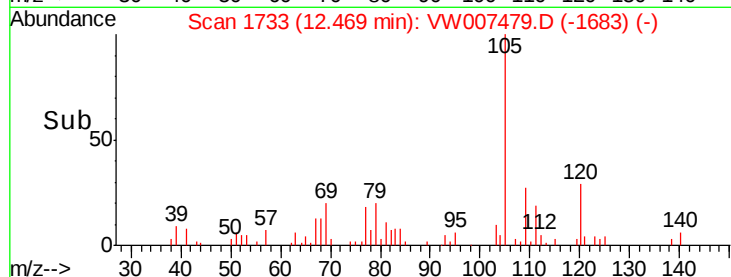
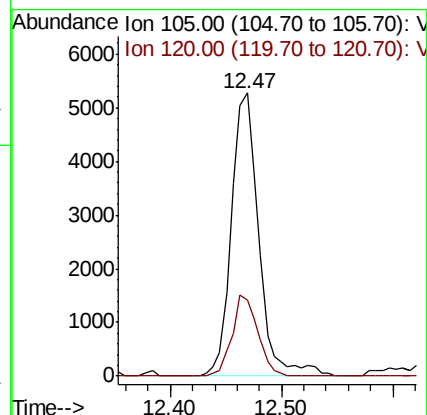
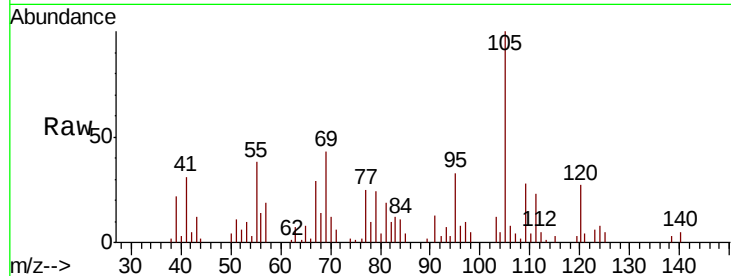
064_SW-E-2

Tot Ion:105 Resp: 9013

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.4



#78

n-propylbenzene

Concen: 3.183 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007479.D

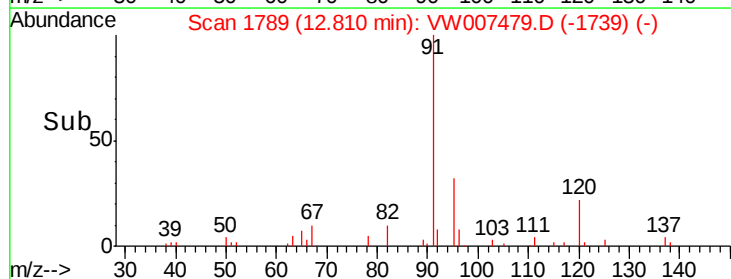
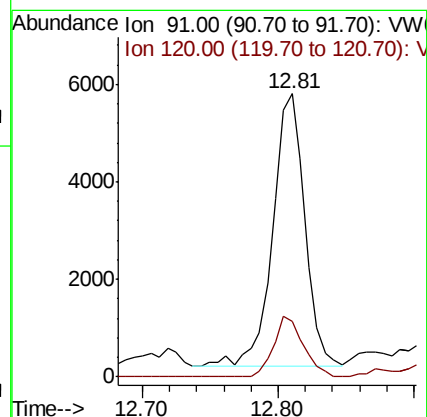
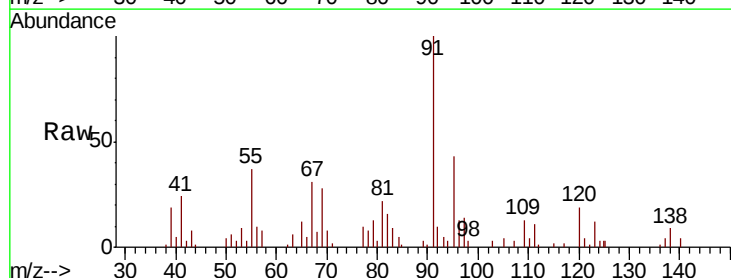
Acq: 13 Dec 2018 11:17

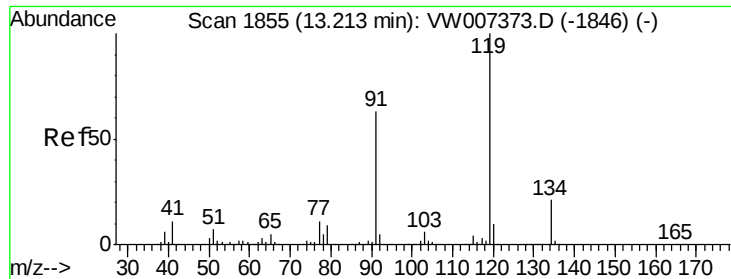
Tgt Ion: 91 Resp: 9176

Ion Ratio Lower Upper

91 100

120 20.4 11.9 35.5

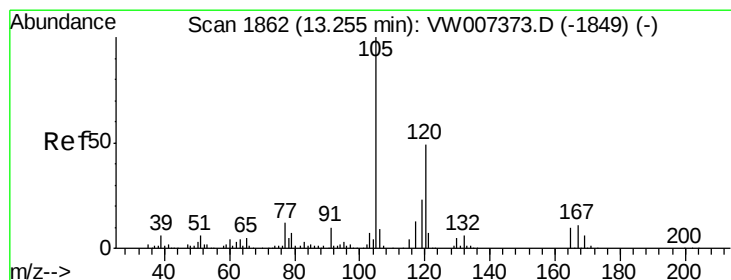
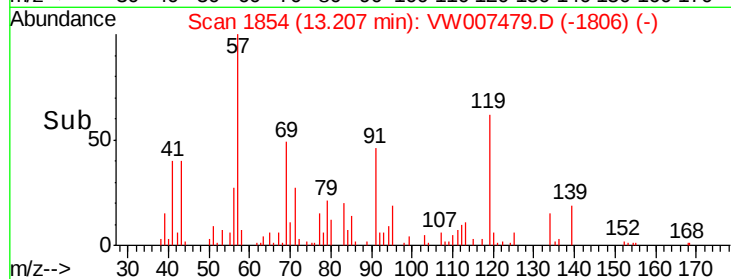
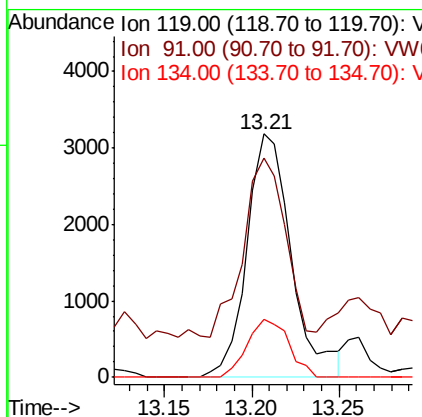
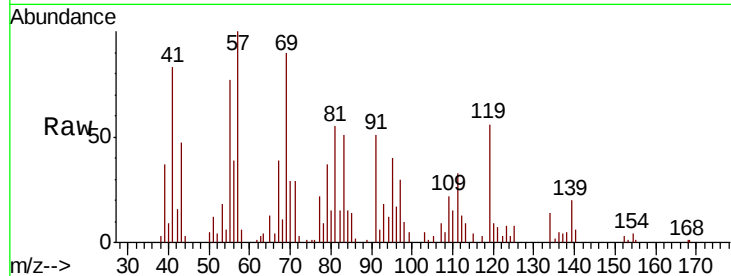




#83
tert-Butylbenzene
Concen: 2.963 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

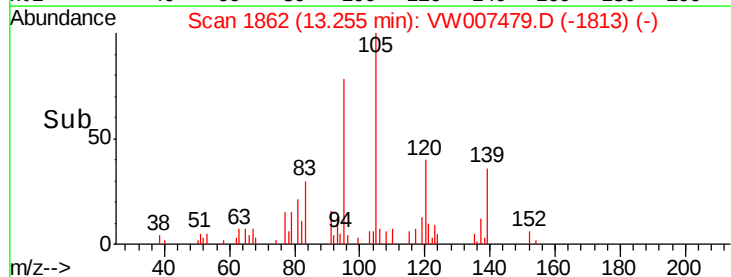
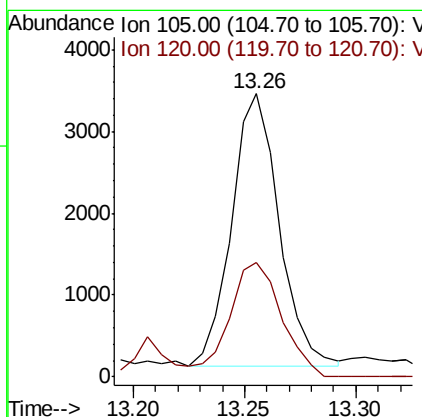
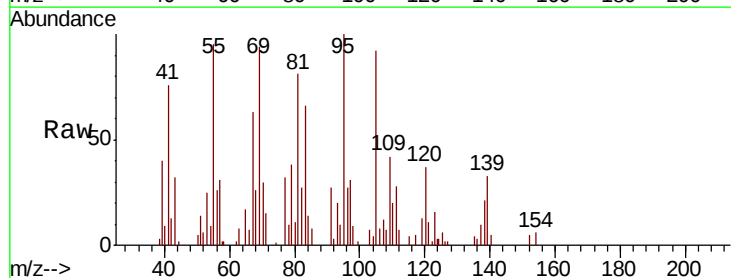
Instrument :
MSVOA_W
ClientSampled :
064_SW-E-2

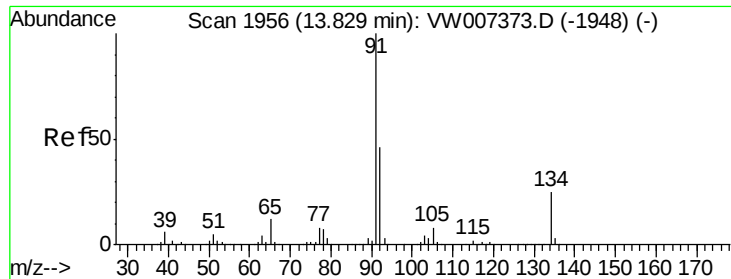
Tot Ion:119 Resp: 5620
Ion Ratio Lower Upper
119 100
91 68.2 33.1 99.2
134 22.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 2.225 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion:105 Resp: 4929
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.7





#89

n-Butylbenzene

Concen: 2.588 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

064_SW-E-2

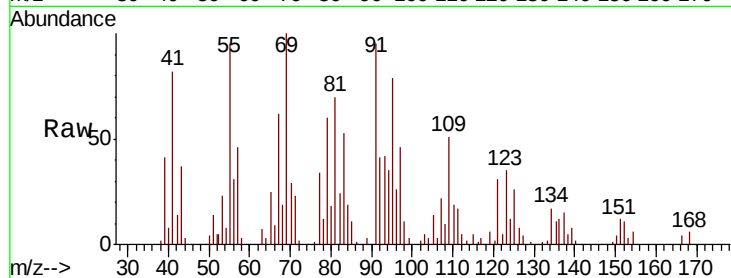
Tot Ion: 91 Resp: 5580

Ion Ratio Lower Upper

91 100

92 47.0 25.7 77.1

134 34.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

