

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007288.D
 Acq On : 06 Dec 2018 19:34
 Operator : SY/AP
 Sample : J6231-01RE
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485RE

Quant Time: Dec 07 01:31:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	7828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	12472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	10686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5540	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	3558	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	7.90	113	3058	42.82	ug/l	0.00
Spiked Amount			Recovery	=	85.64%	
50) Toluene-d8	10.33	98	11098	35.28	ug/l	0.00
Spiked Amount			Recovery	=	70.56%	
62) 4-Bromofluorobenzene	12.62	95	4985	41.98	ug/l	0.00
Spiked Amount			Recovery	=	83.96%	

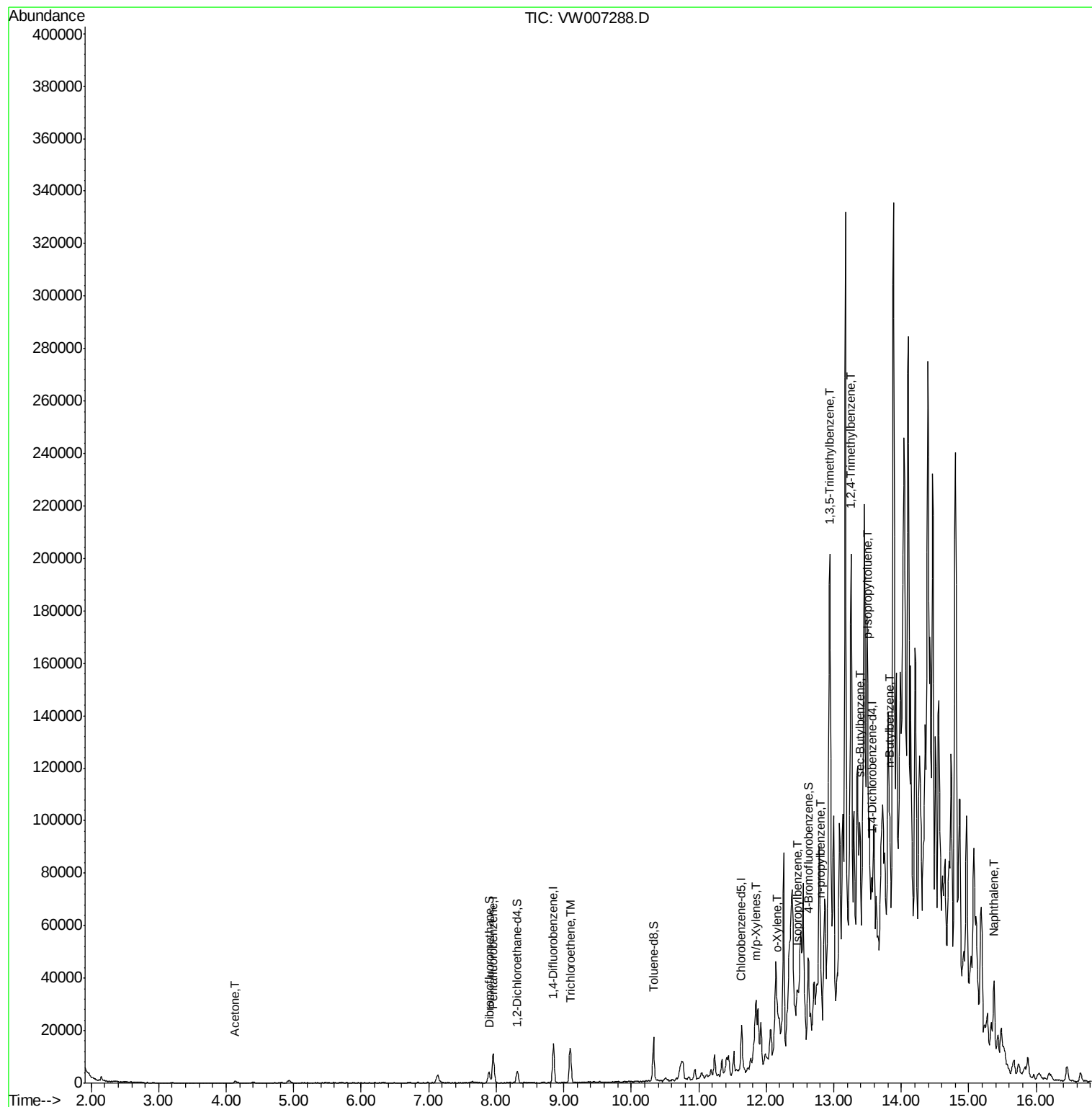
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1551	89.894	ug/l	98
44) Trichloroethene	9.10	130	4808	51.401	ug/l	85
68) m/p-Xylenes	11.84	106	2961	17.352	ug/l	90
69) o-Xylene	12.16	106	1562	9.797	ug/l	90
73) Isopropylbenzene	12.47	105	3496	7.759	ug/l	94
78) n-propylbenzene	12.81	91	12631	23.529	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	10449	27.107	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	85195	216.518	ug/l	94
85) sec-Butylbenzene	13.39	105	16262	33.816	ug/l #	72
86) p-Isopropyltoluene	13.51	119	14584	34.067	ug/l	95
89) n-Butylbenzene	13.83	91	30616	76.532	ug/l #	71
95) Naphthalene	15.38	128	25758	119.984	ug/l	98

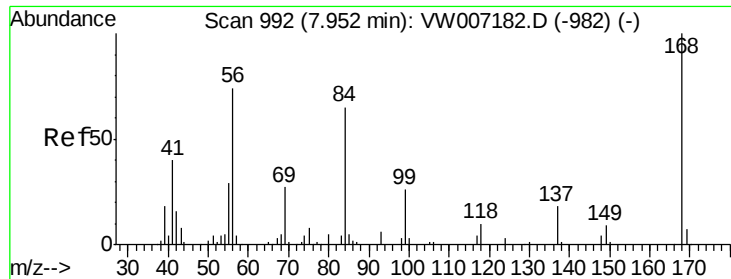
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

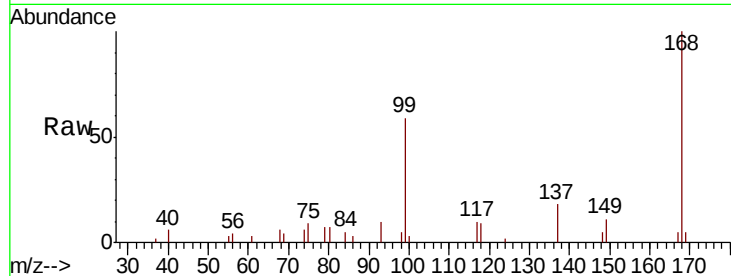
S49-0485RE

Tot Ion:168 Resp: 7828

Ion Ratio Lower Upper

168 100

99 59.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

3000

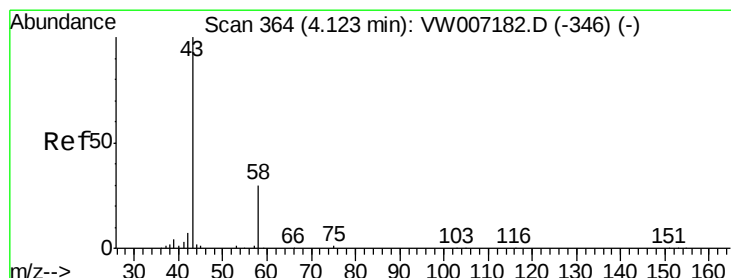
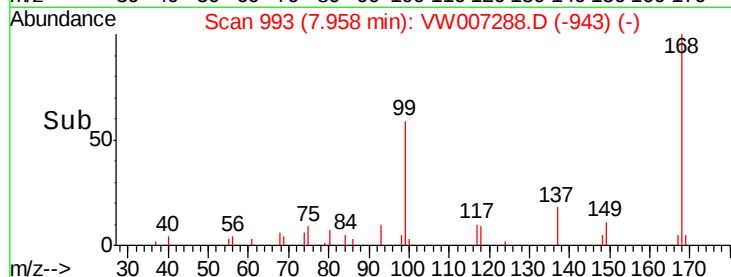
2000

1000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 89.894 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007288.D

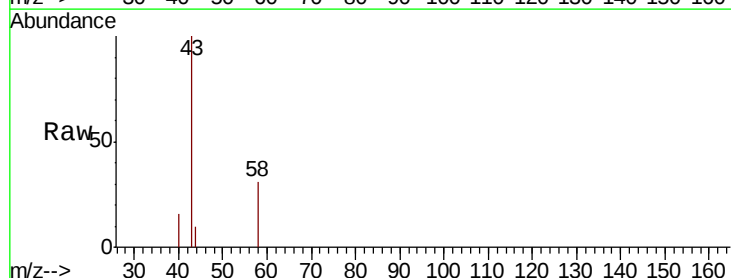
Acq: 06 Dec 2018 19:34

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

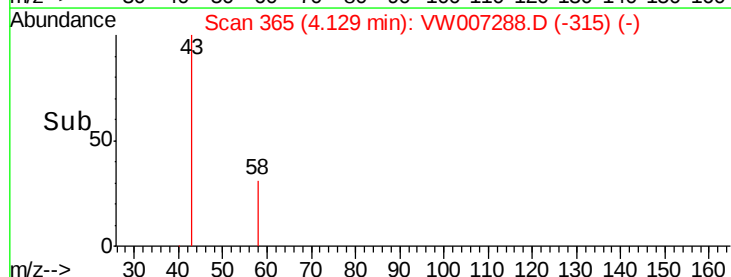
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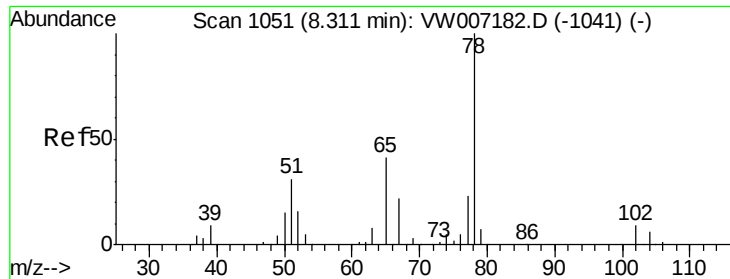
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0

Time-->

4.05 4.10 4.15 4.20 4.25

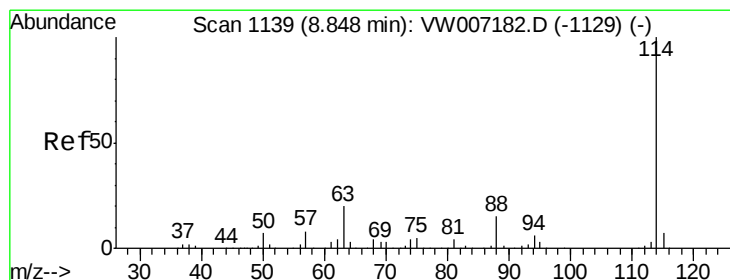
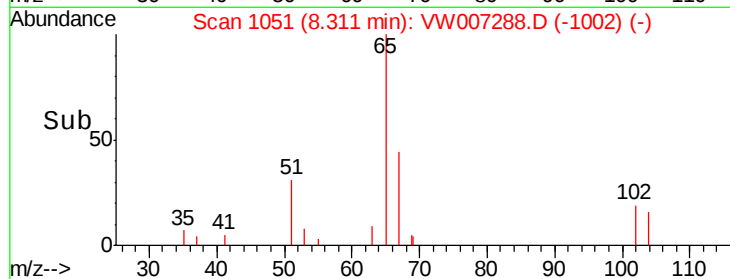
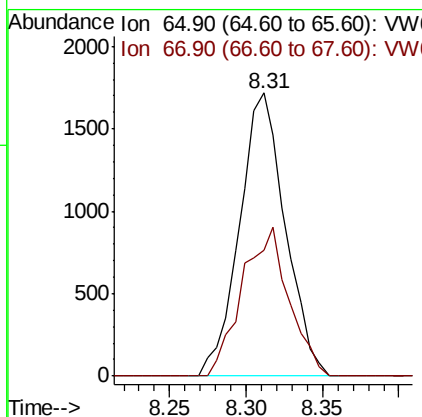
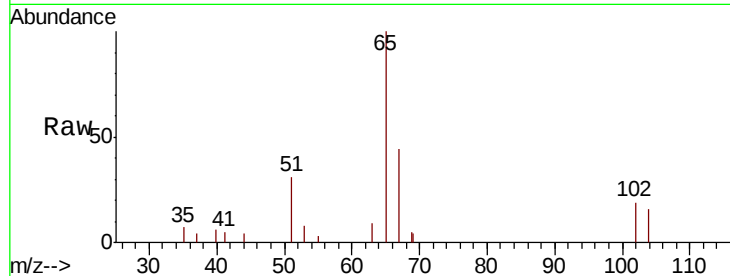




#33
 1,2-Dichloroethane-d4
 Concen: 48.819 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

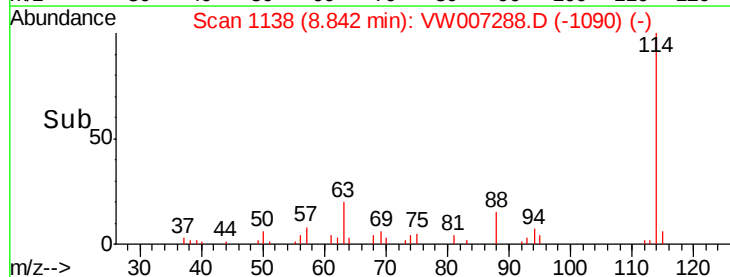
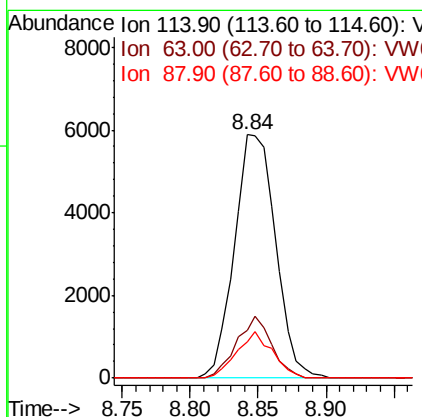
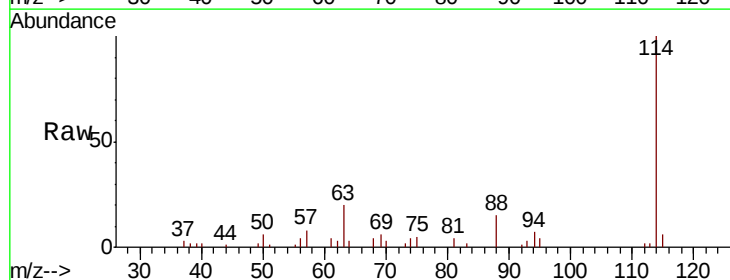
Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485RE

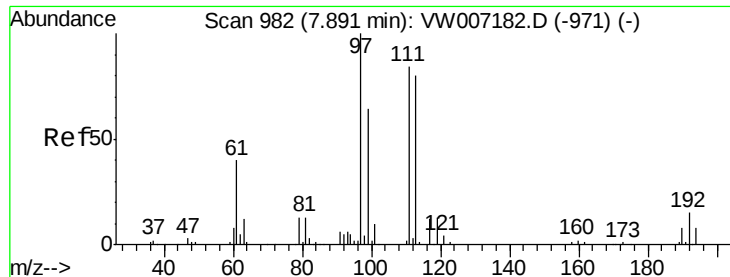
Tot Ion: 65 Resp: 3558
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion: 114 Resp: 12472
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.821 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

S49-0485RE

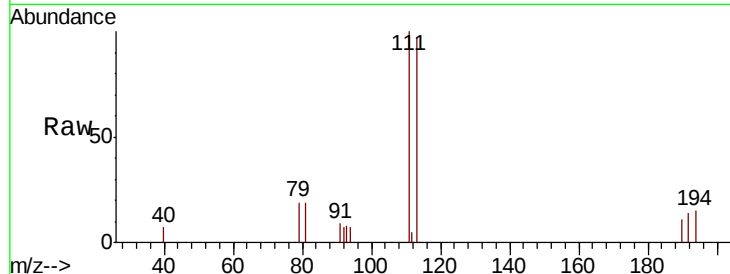
Tot Ion:113 Resp: 3058

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

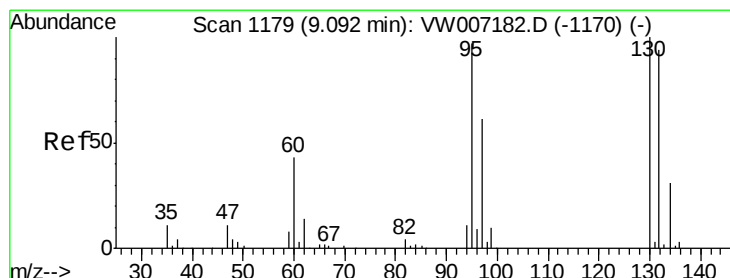
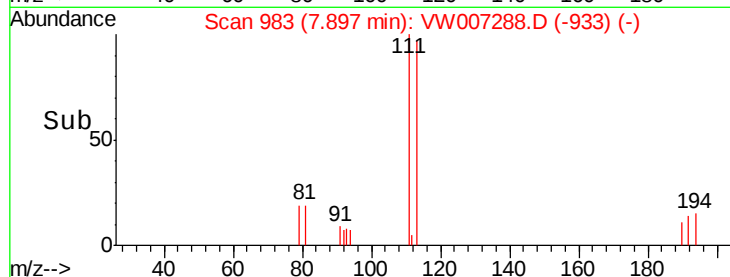
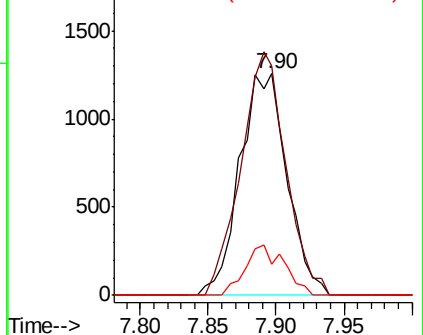
192 18.6 14.4 21.6



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



#44

Trichloroethene

Concen: 51.401 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007288.D

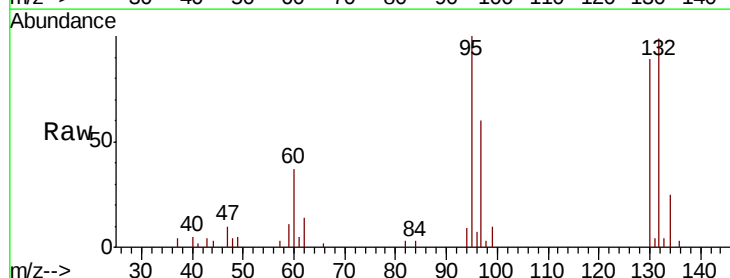
Acq: 06 Dec 2018 19:34

Tgt Ion:130 Resp: 4808

Ion Ratio Lower Upper

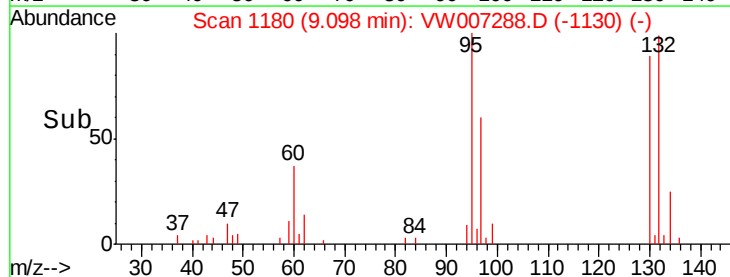
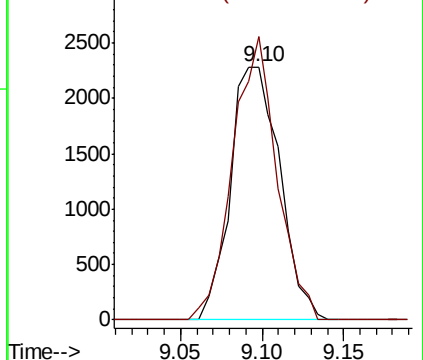
130 100

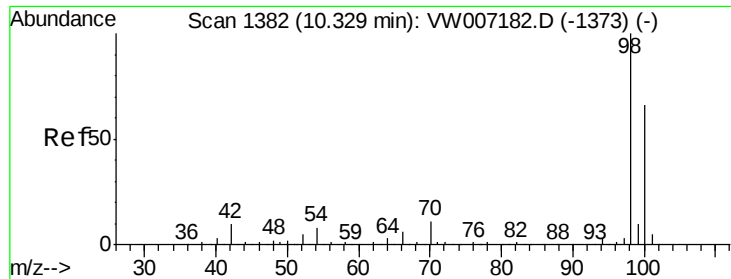
95 111.9 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 35.279 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

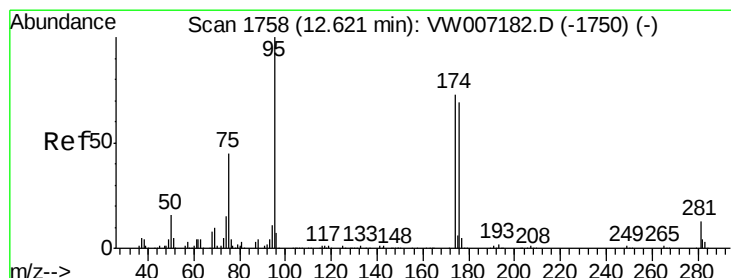
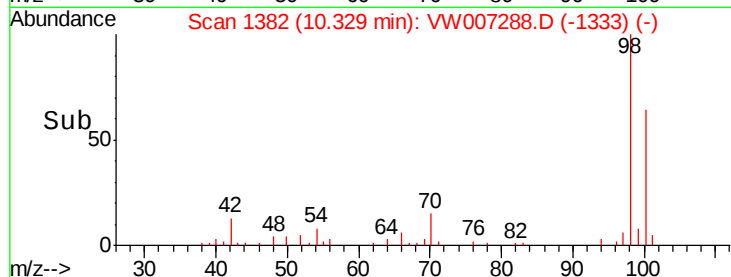
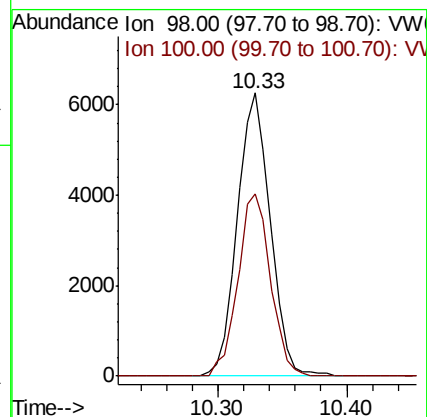
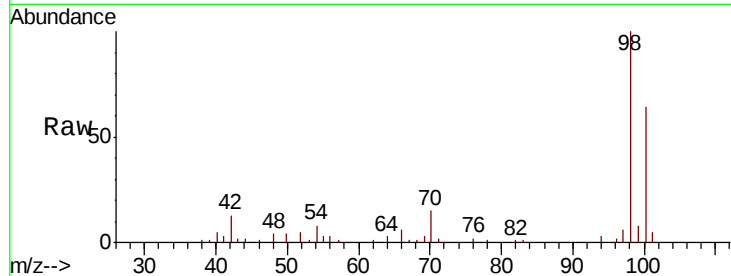
S49-0485RE

Tot Ion: 98 Resp: 11098

Ion Ratio Lower Upper

98 100

100 63.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 41.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

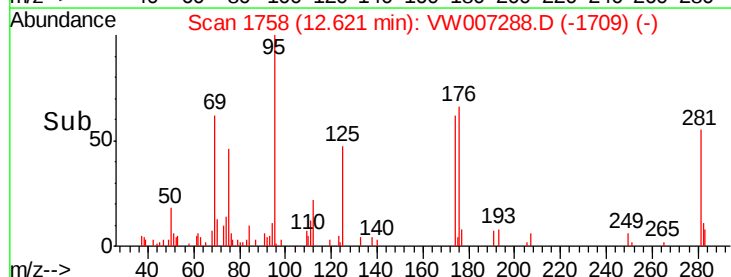
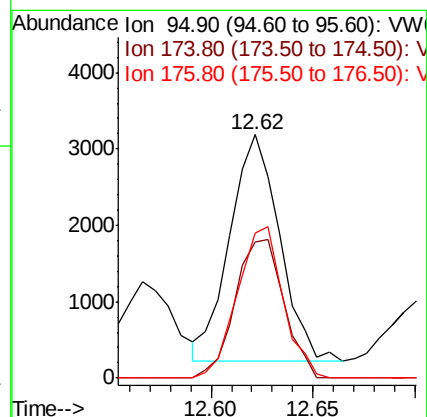
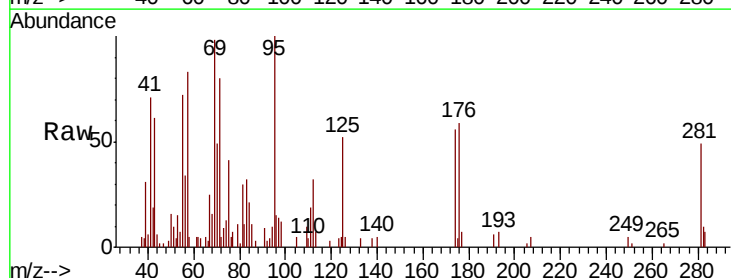
Tgt Ion: 95 Resp: 4985

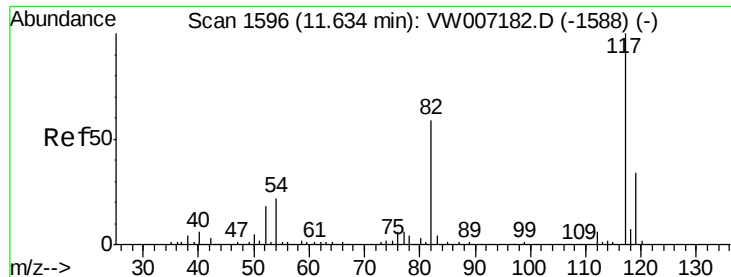
Ion Ratio Lower Upper

95 100

174 60.1 0.0 148.0

176 61.8 0.0 139.4

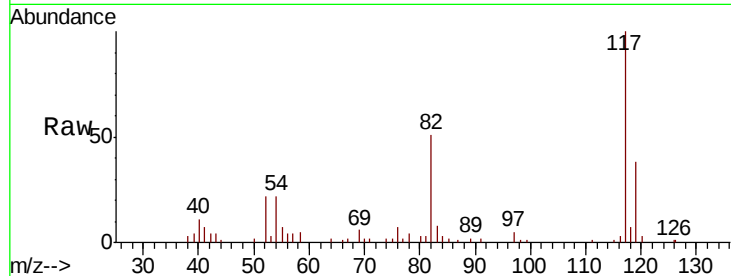




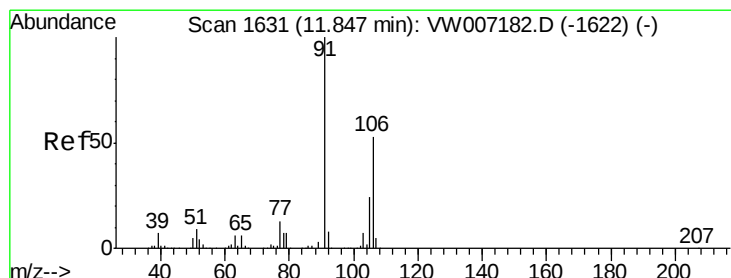
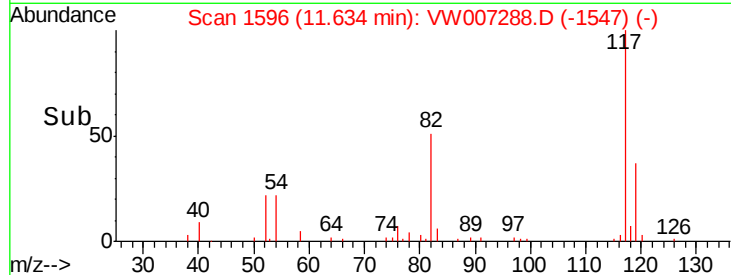
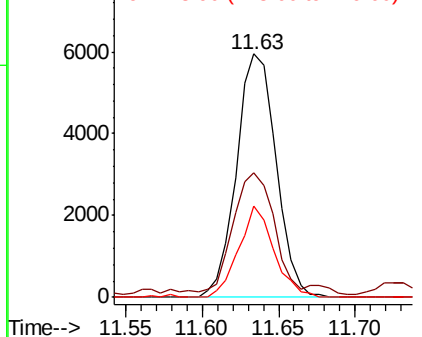
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :
S49-0485RE

Tot Ion:117 Resp: 10686
Ion Ratio Lower Upper
117 100
82 49.4 47.4 71.2
119 37.6 26.8 40.2

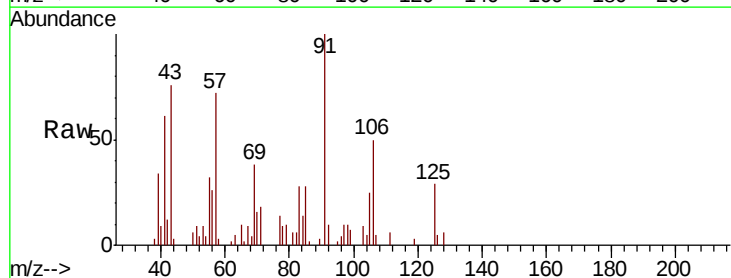


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

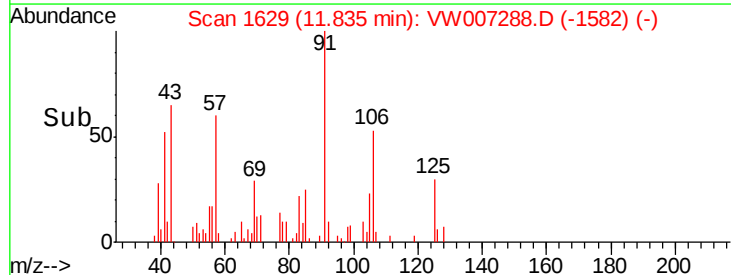
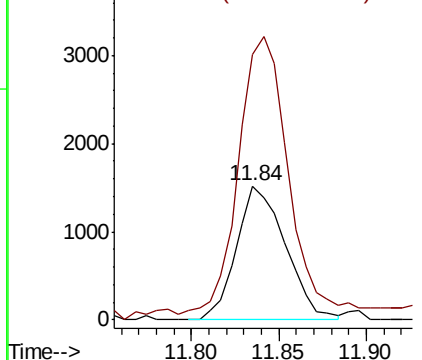


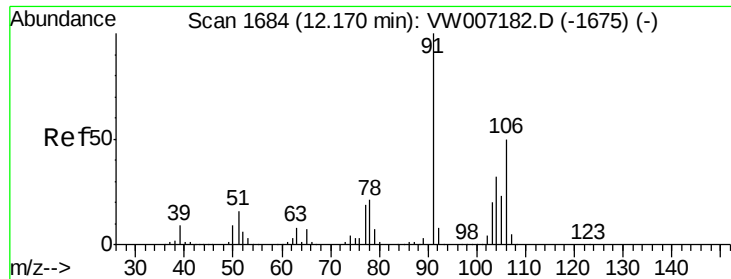
#68
m/p-Xylenes
Concen: 17.352 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion:106 Resp: 2961
Ion Ratio Lower Upper
106 100
91 215.8 160.2 240.4



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

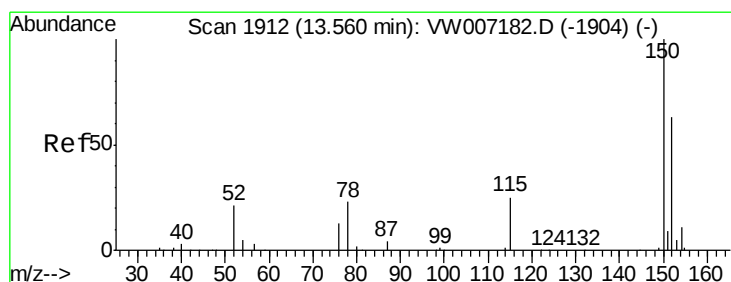
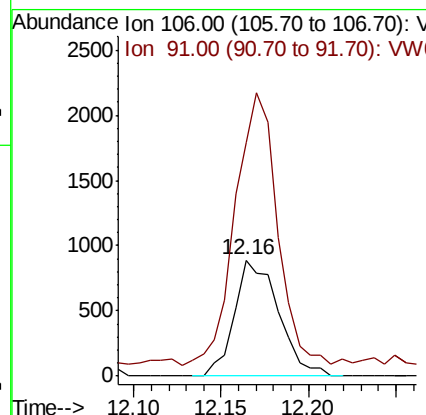
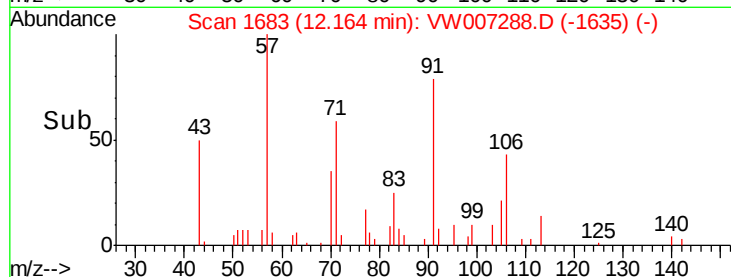
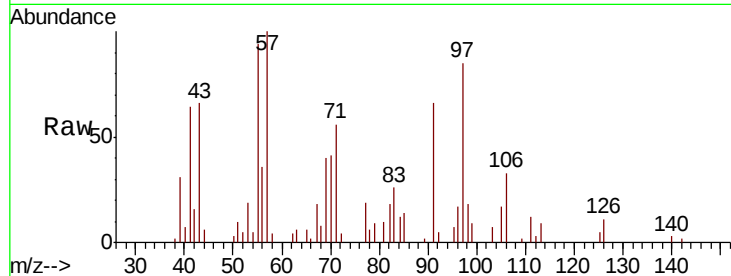




#69
o-Xylene
Concen: 9.797 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

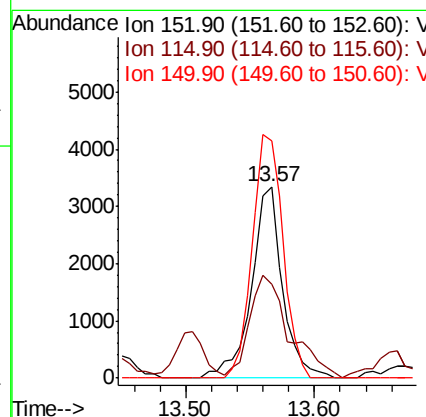
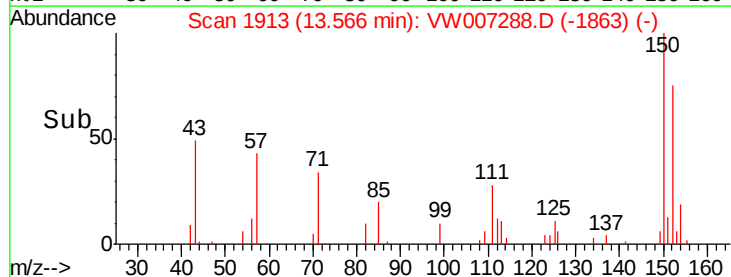
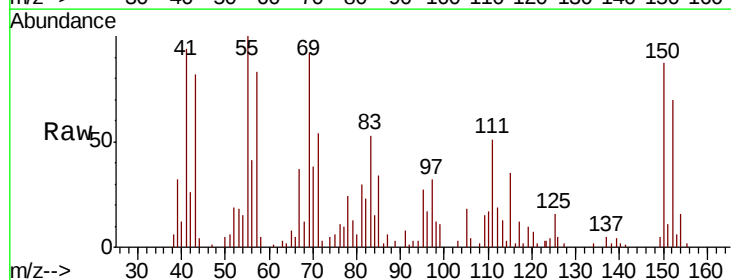
Instrument :
MSVOA_W
ClientSampled :
S49-0485RE

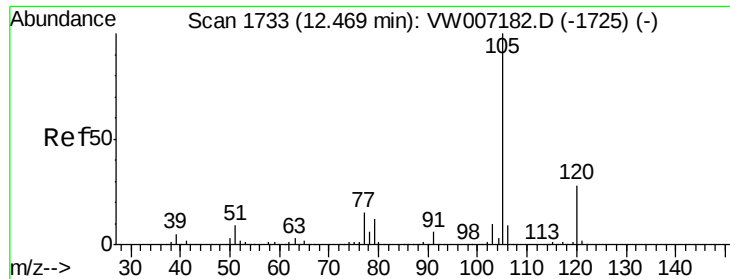
Tot Ion:106 Resp: 1562
Ion Ratio Lower Upper
106 100
91 224.8 104.9 314.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion:152 Resp: 5540
Ion Ratio Lower Upper
152 100
115 69.4 31.3 93.8
150 125.2 0.0 358.0





#73

Isopropylbenzene

Concen: 7.759 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampled :

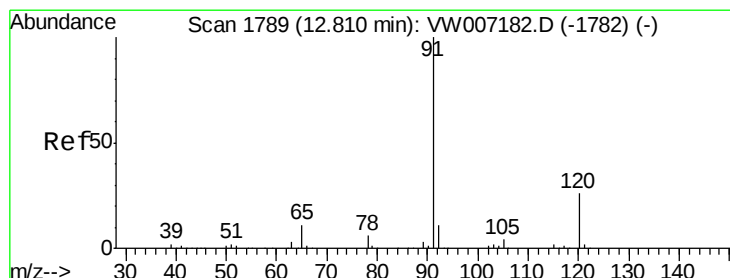
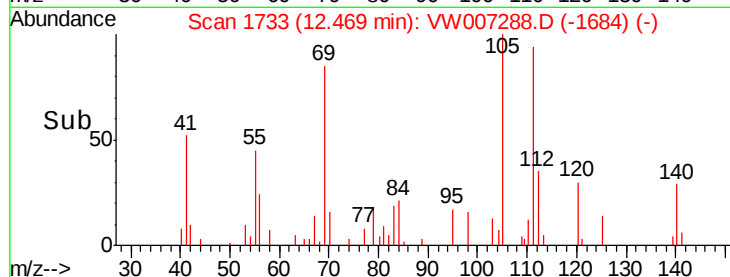
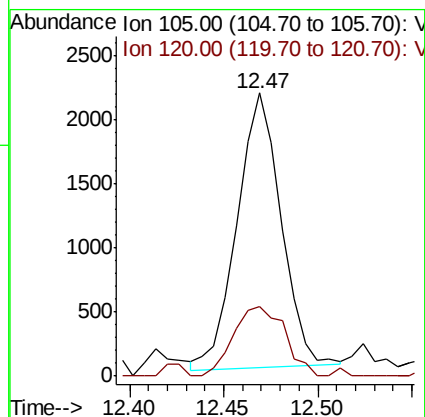
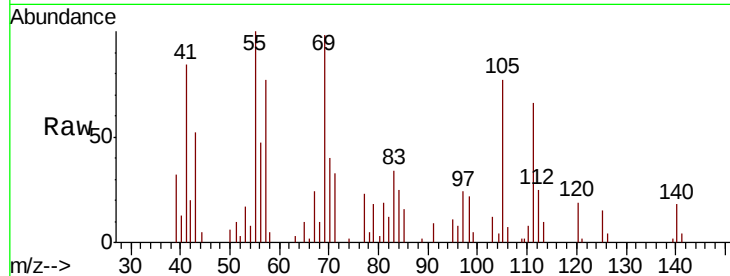
S49-0485RE

Tot Ion: 105 Resp: 3496

Ion Ratio Lower Upper

105 100

120 29.4 13.2 39.6



#78

n-propylbenzene

Concen: 23.529 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007288.D

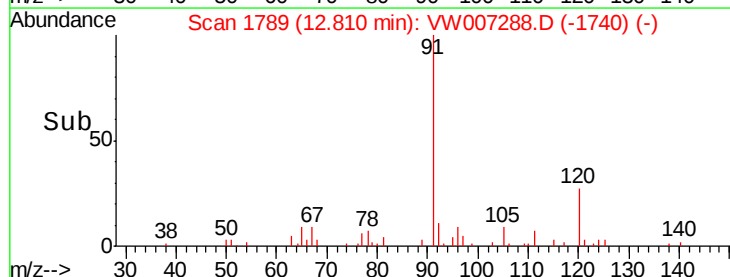
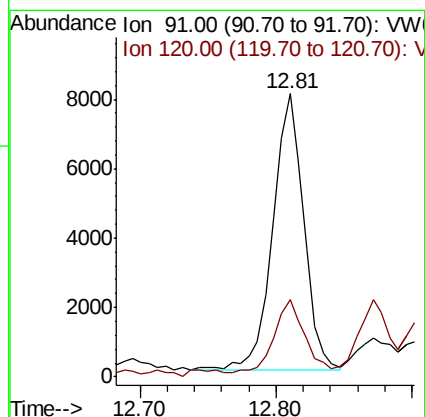
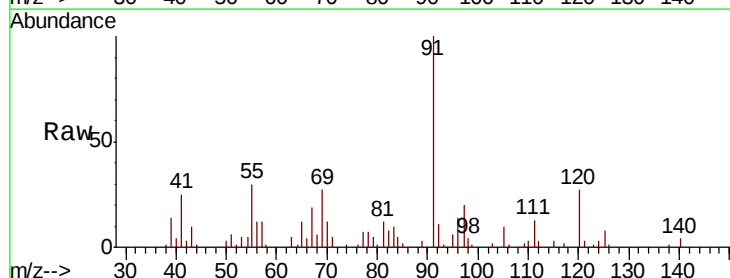
Acq: 06 Dec 2018 19:34

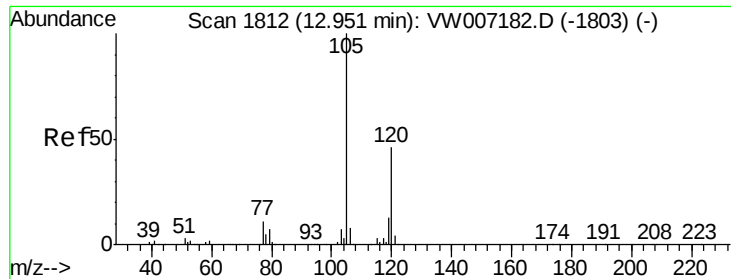
Tgt Ion: 91 Resp: 12631

Ion Ratio Lower Upper

91 100

120 27.9 12.5 37.5

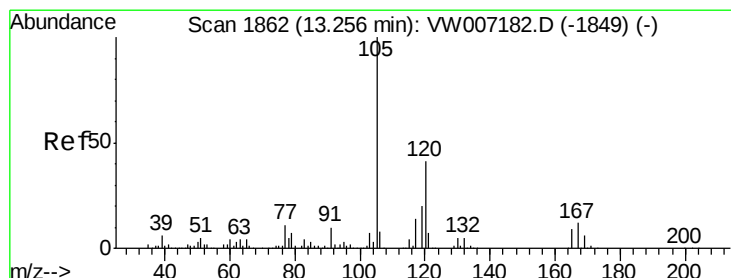
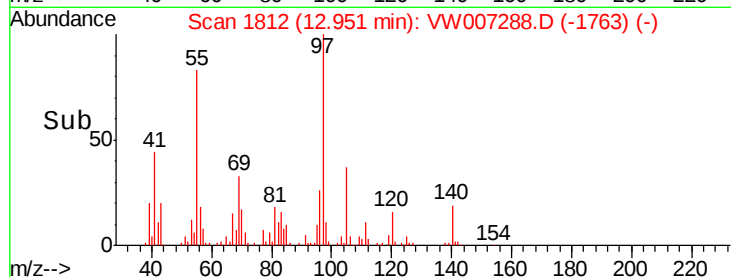
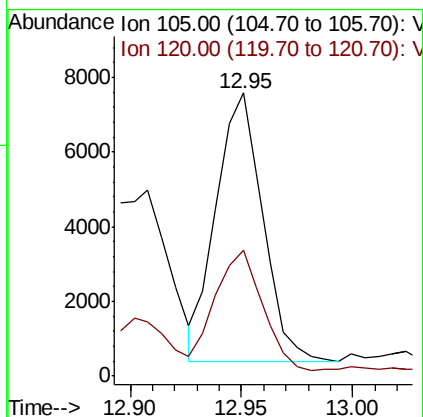
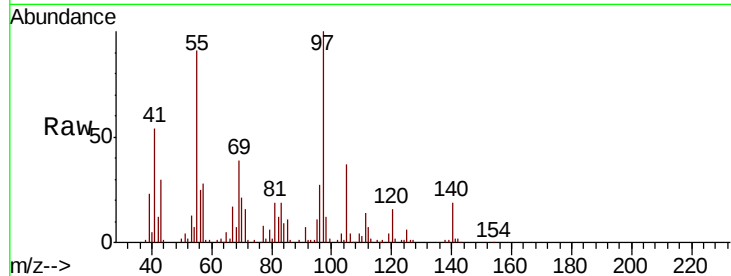




#80
 1,3,5-Trimethylbenzene
 Concen: 27.107 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

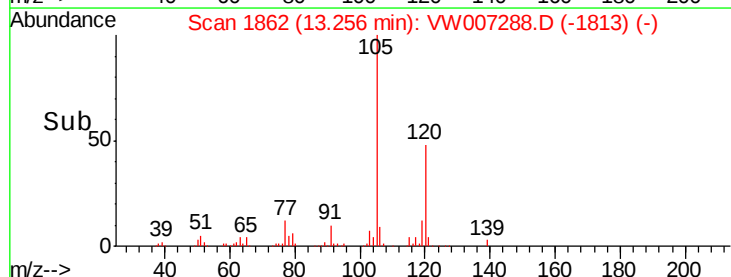
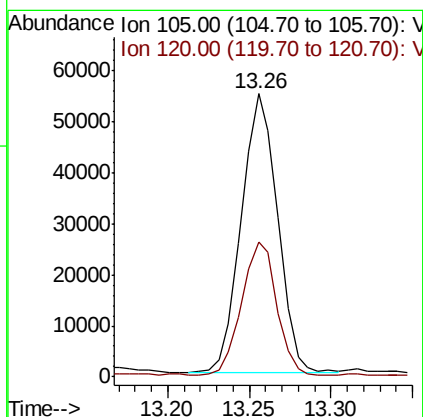
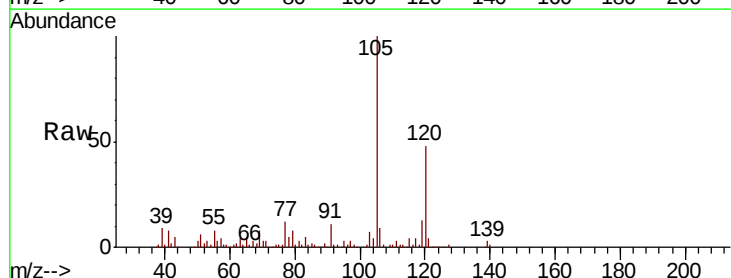
Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485RE

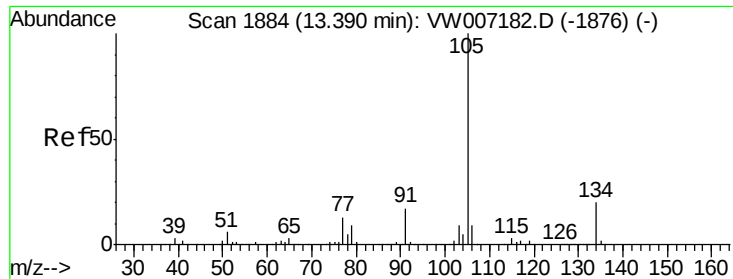
Tot Ion:105 Resp: 10449
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.8 71.5



#84
 1,2,4-Trimethylbenzene
 Concen: 216.518 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion:105 Resp: 85195
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.1 63.3

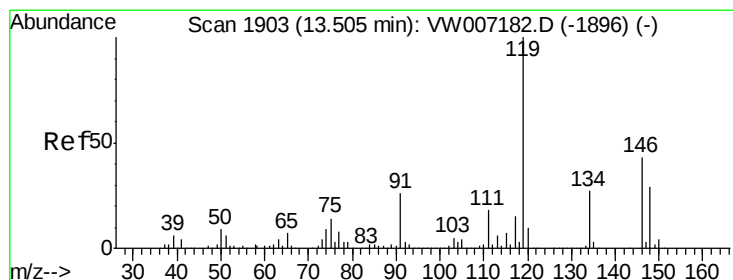
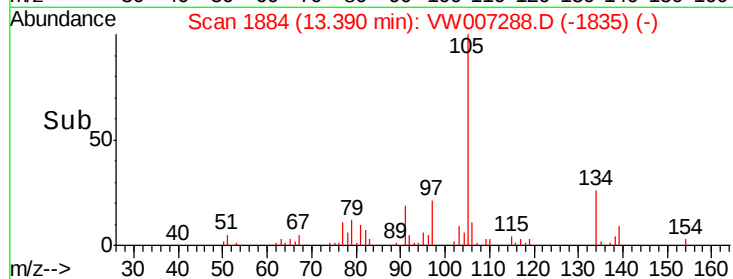
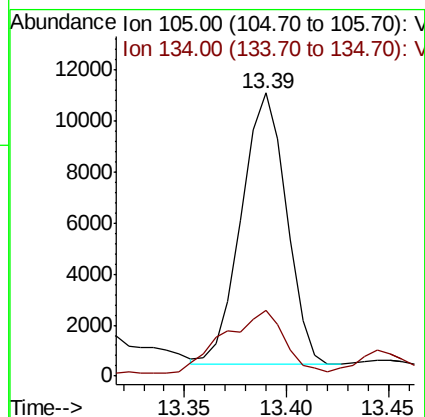
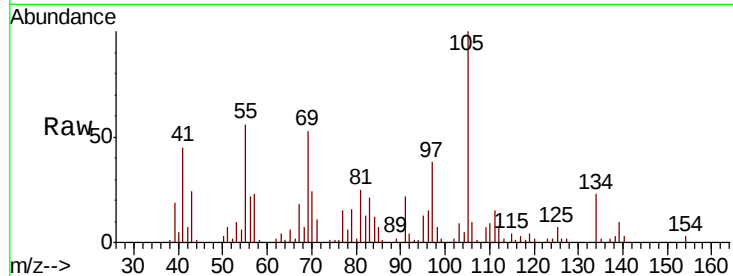




#85
 sec-Butylbenzene
 Concen: 33.816 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

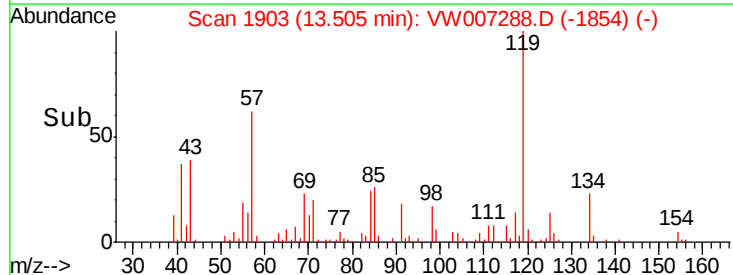
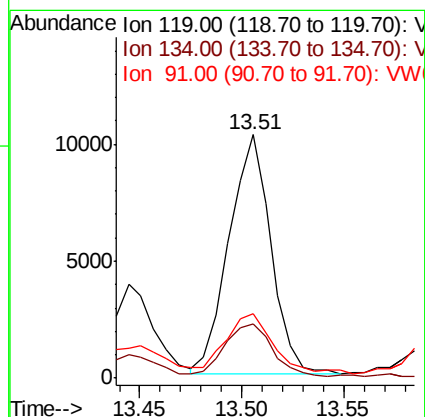
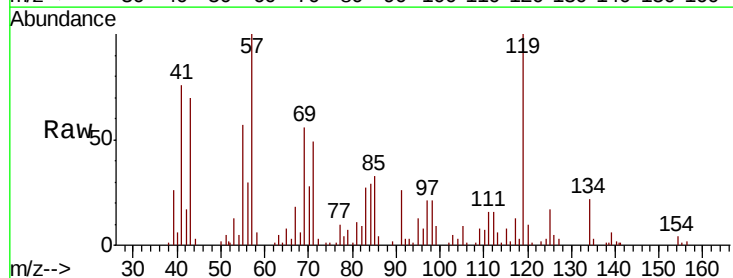
Instrument :
 MSVOA_W
 ClientSampleId :
 S49-0485RE

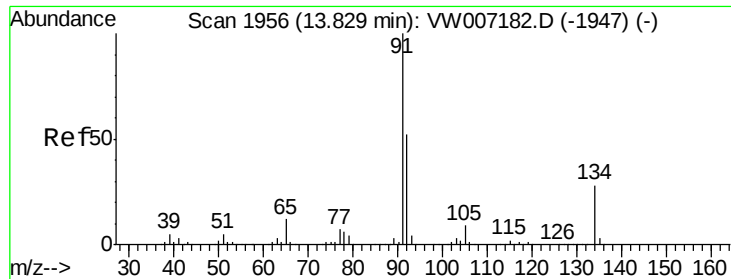
Tot Ion:105 Resp: 16262
 Ion Ratio Lower Upper
 105 100
 134 33.4 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 34.067 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion:119 Resp: 14584
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.6
 91 28.9 12.4 37.2

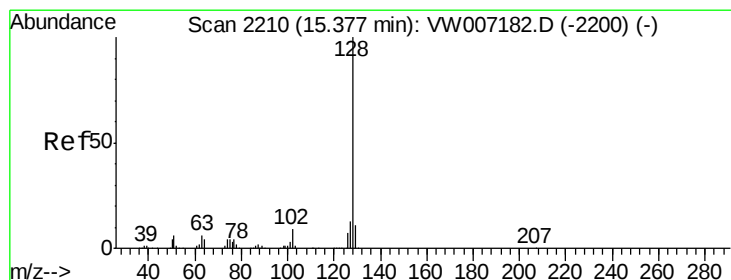
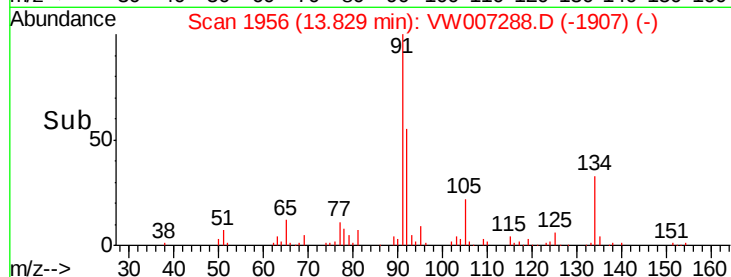
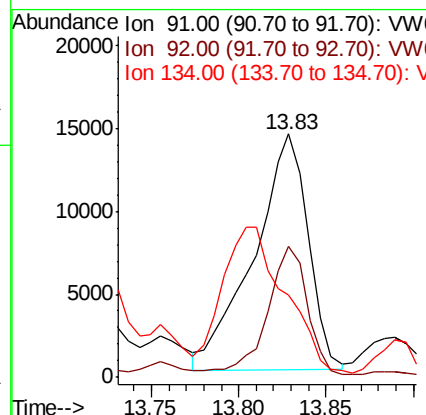
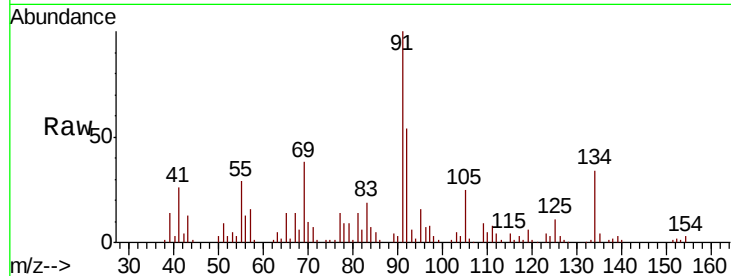




#89
n-Butylbenzene
Concen: 76.532 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :
S49-0485RE

Tot Ion: 91 Resp: 30616
Ion Ratio Lower Upper
91 100
92 41.6 26.5 79.5
134 0.0 14.1 42.2#



#95
Naphthalene
Concen: 119.984 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion: 128 Resp: 25758
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 9.6 8.6 13.0

