

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005626.D
 Acq On : 25 Sep 2018 21:45
 Operator : VA/AP
 Sample : J5042-04
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

Quant Time: Sep 26 05:41:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5830	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	9947	92.99	ug/l	0.00
Spiked Amount			Recovery	=	185.98%	
35) Dibromofluoromethane	7.89	113	6209	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.33	98	9655	19.01	ug/l	0.00
Spiked Amount			Recovery	=	38.02%	
62) 4-Bromofluorobenzene	12.62	95	4475	23.82	ug/l	0.00
Spiked Amount			Recovery	=	47.64%	

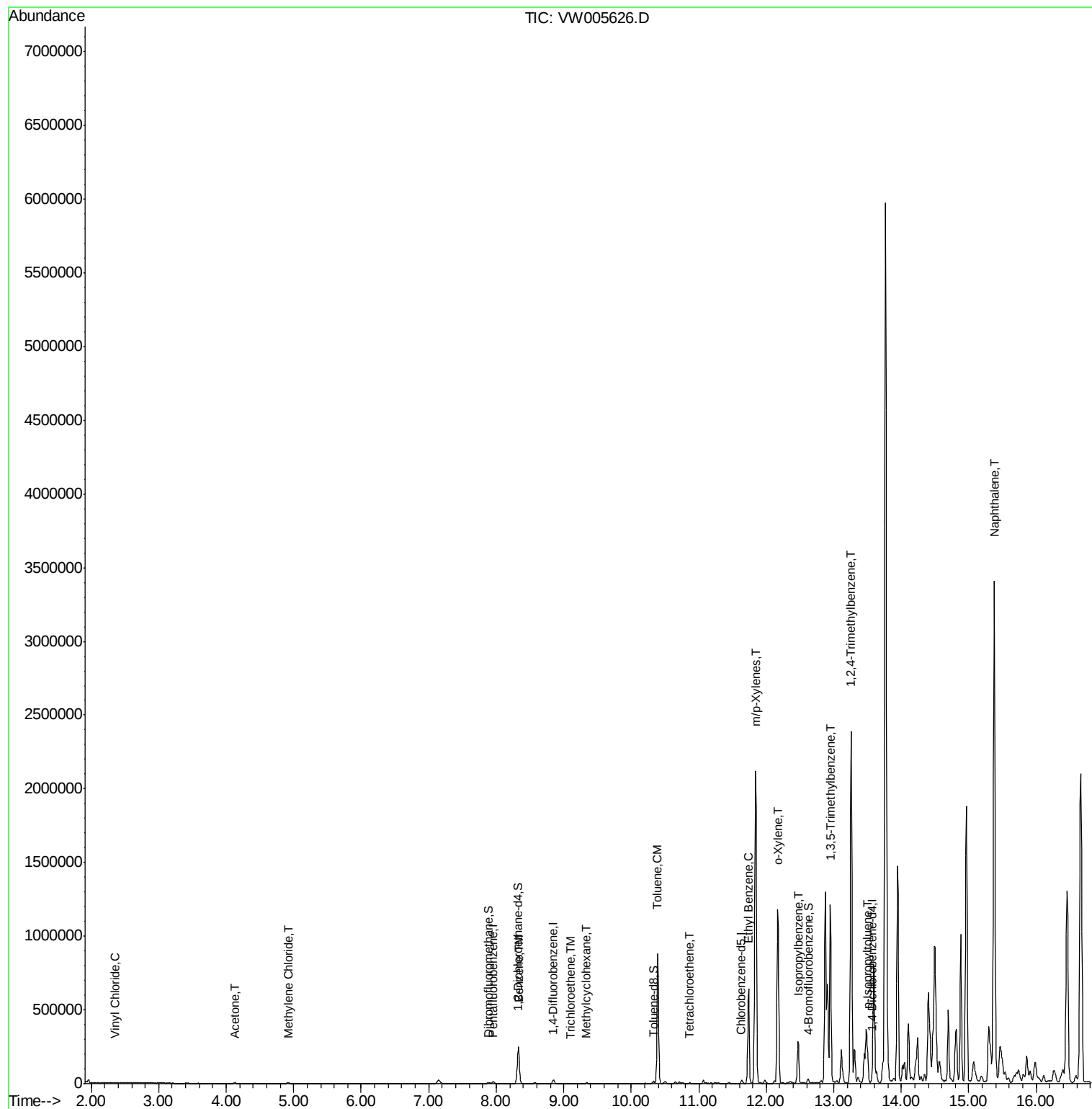
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	1265	14.499	ug/l	96
16) Acetone	4.12	43	7426	449.109	ug/l	94
20) Methylene Chloride	4.92	84	3808	41.785	ug/l	97
39) Methylcyclohexane	9.34	83	1841	7.817	ug/l #	89
40) Benzene	8.33	78	237711	420.283	ug/l	99
44) Trichloroethene	9.10	130	413	2.853	ug/l	85
52) Toluene	10.40	92	361722	1024.973	ug/l	97
64) Tetrachloroethene	10.86	164	806	8.385	ug/l #	79
67) Ethyl Benzene	11.74	91	423543	829.899	ug/l	99
68) m/p-Xylenes	11.84	106	623626	3234.341	ug/l	99
69) o-Xylene	12.17	106	300972	1666.715	ug/l	100
73) Isopropylbenzene	12.47	105	179745	444.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	624525	1776.483	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1307143	3684.546	ug/l	98
86) p-Isopropyltoluene	13.51	119	69283	180.453	ug/l	93
95) Naphthalene	15.38	128	2835830	13817.196	ug/l	99

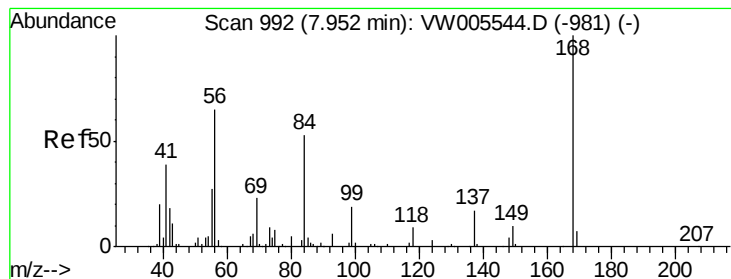
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

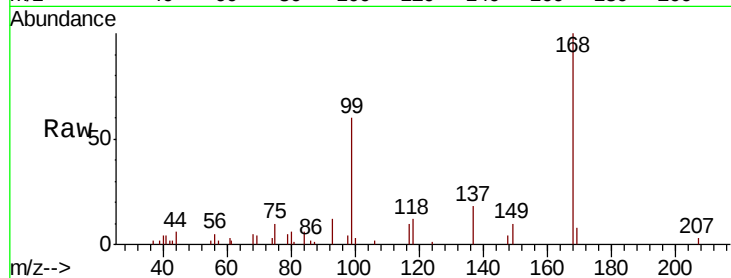
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion:168 Resp: 9080

Ion Ratio Lower Upper

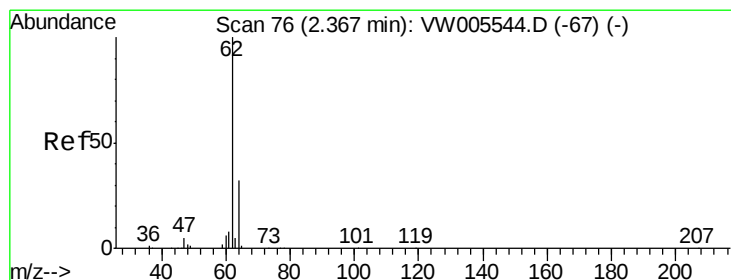
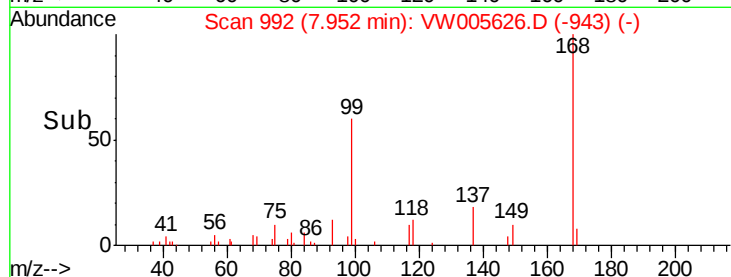
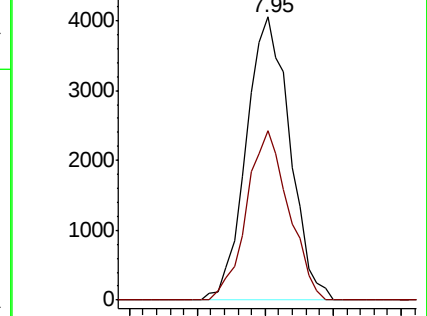
168 100

99 60.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 14.499 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW005626.D

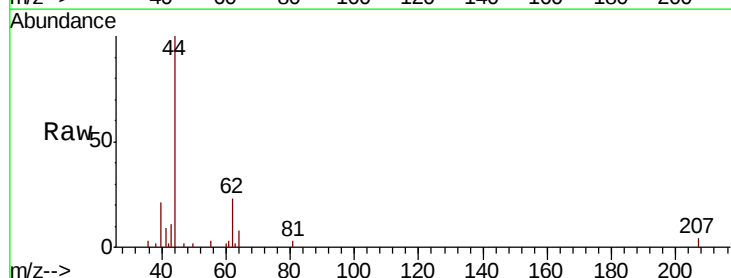
Acq: 25 Sep 2018 21:45

Tgt Ion: 62 Resp: 1265

Ion Ratio Lower Upper

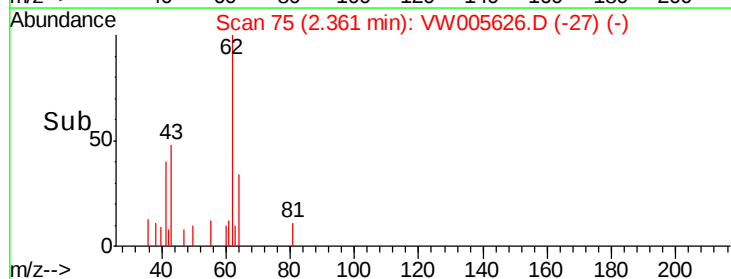
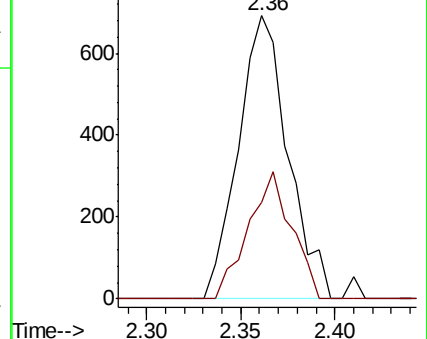
62 100

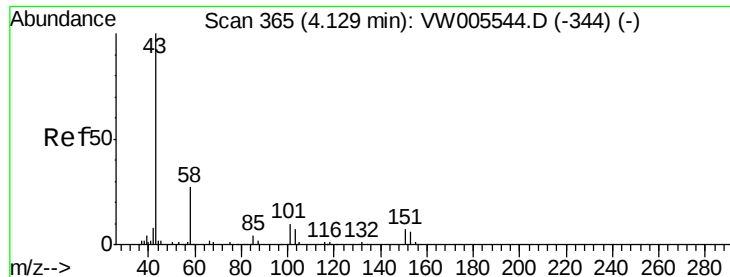
64 34.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

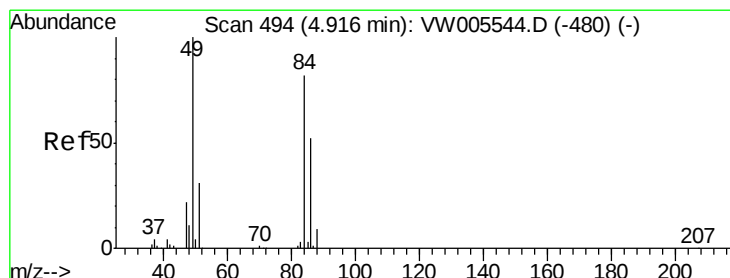
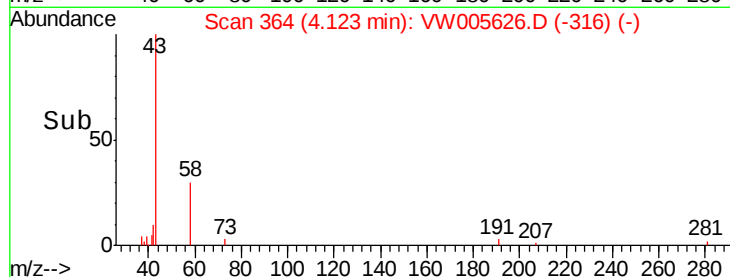
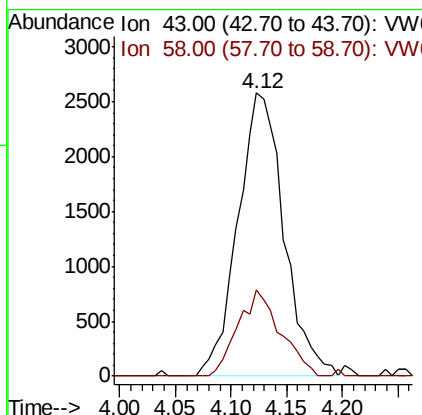
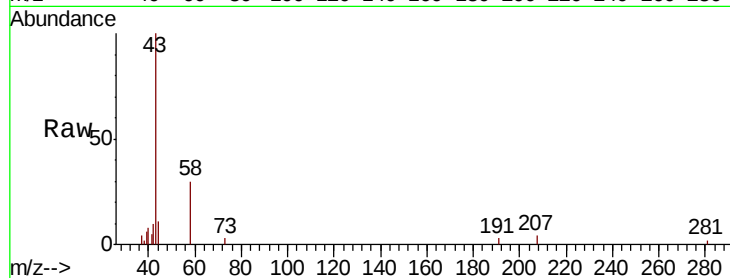




#16
Acetone
Concen: 449.109 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

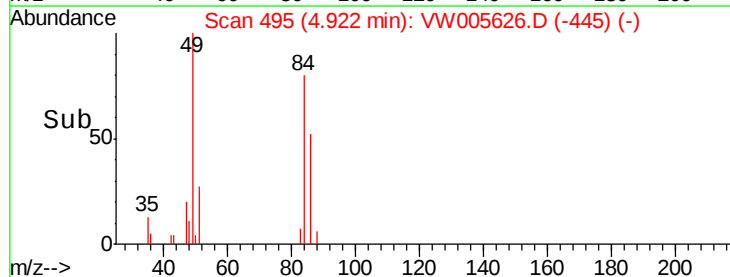
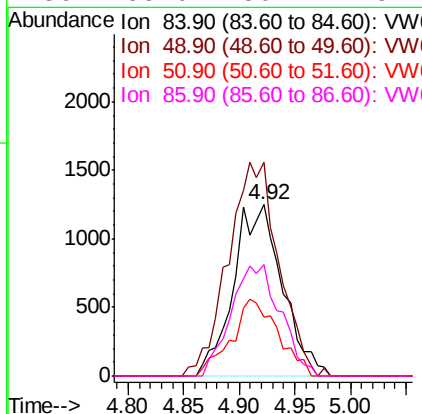
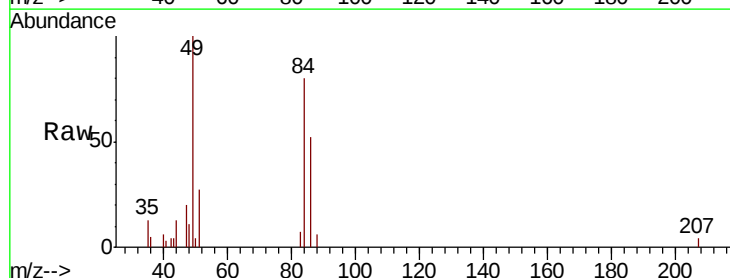
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

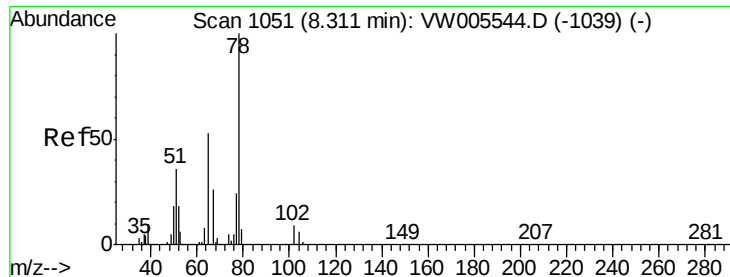
Tot Ion: 43 Resp: 7426
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.8



#20
Methylene Chloride
Concen: 41.785 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion: 84 Resp: 3808
Ion Ratio Lower Upper
84 100
49 124.6 97.0 145.6
51 34.0 30.2 45.2
86 65.0 50.2 75.4

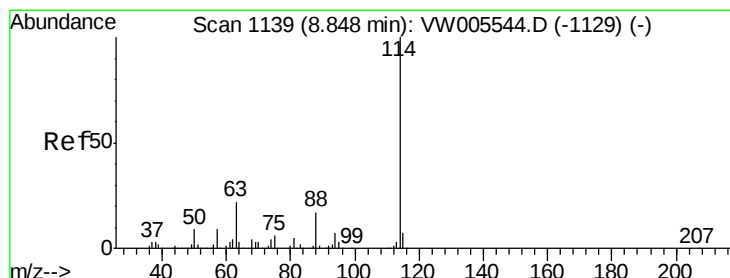
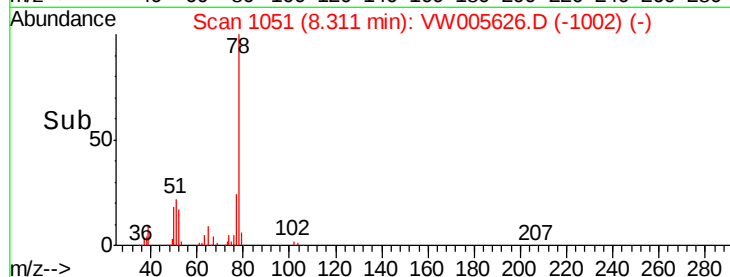
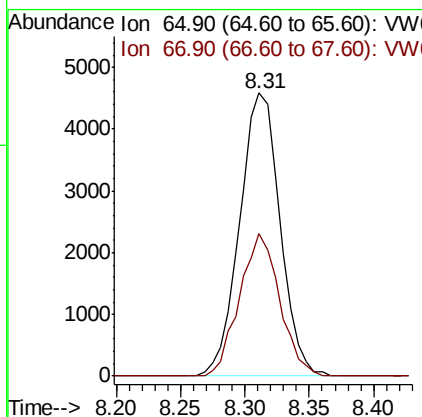
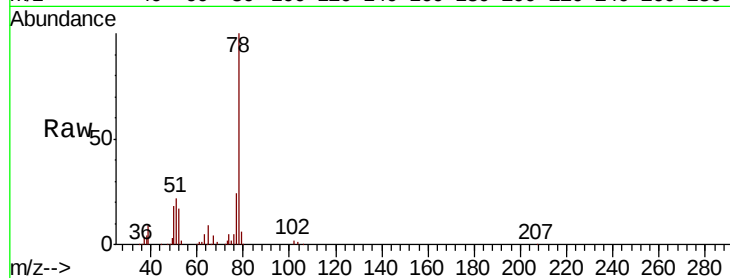




#33
 1,2-Dichloroethane-d4
 Concen: 92.990 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

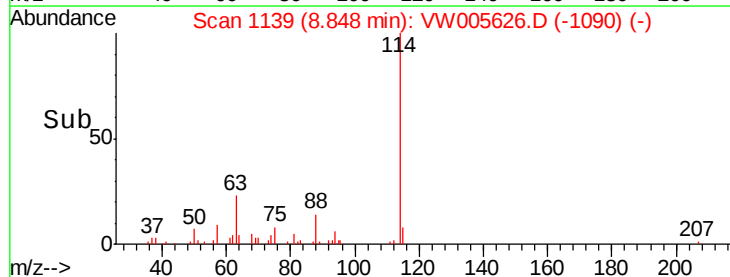
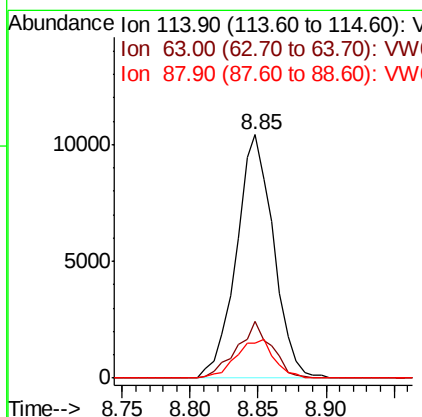
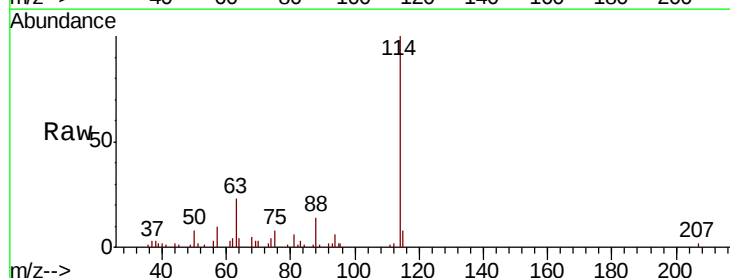
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

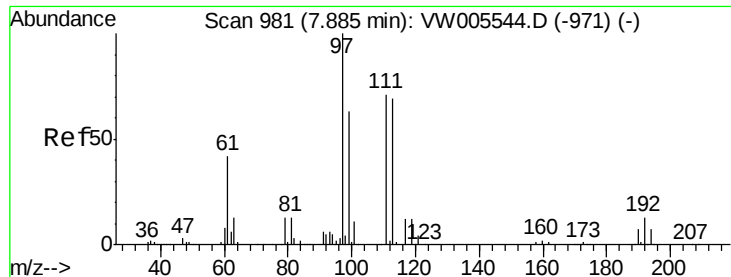
Tot Ion: 65 Resp: 9947
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion: 114 Resp: 19830
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.0
 88 14.2 0.0 33.0

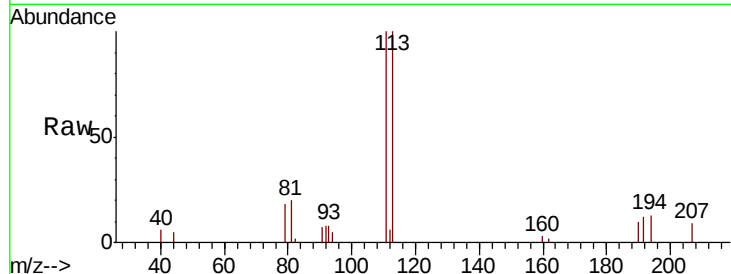




#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion	Ratio	Lower	Upper
113	100		
111	111.9	82.6	123.8
192	21.0	17.0	25.4

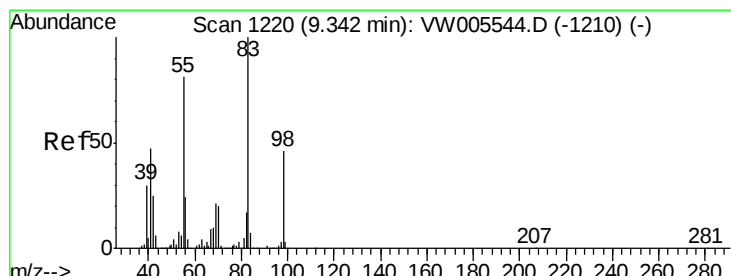
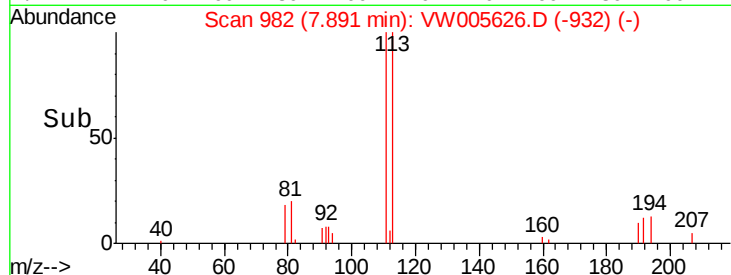
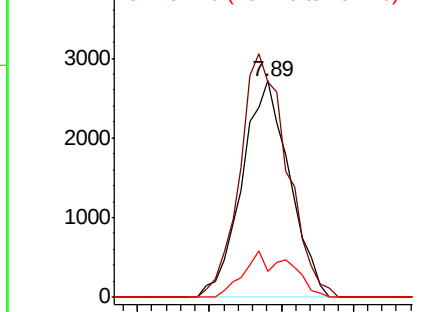


Abundance

Ion 112.80 (112.50 to 113.50): V

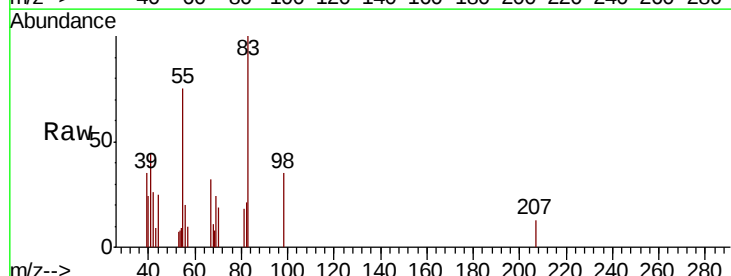
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39
 Methylcyclohexane
 Concen: 7.817 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	64.6	97.0
98	34.6	37.0	55.6#

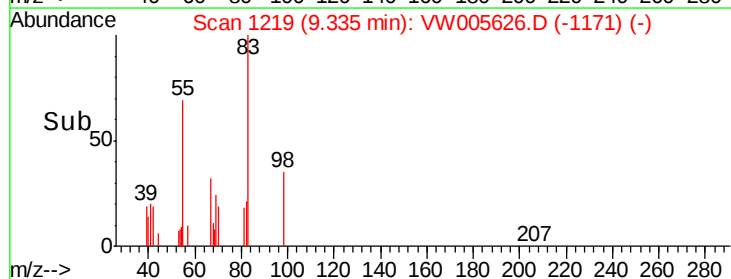
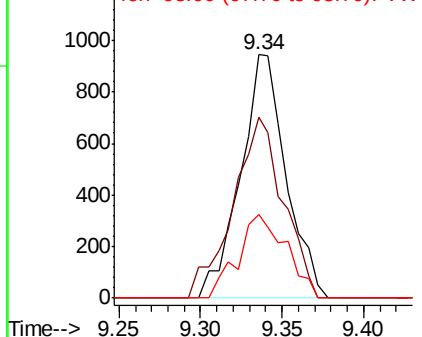


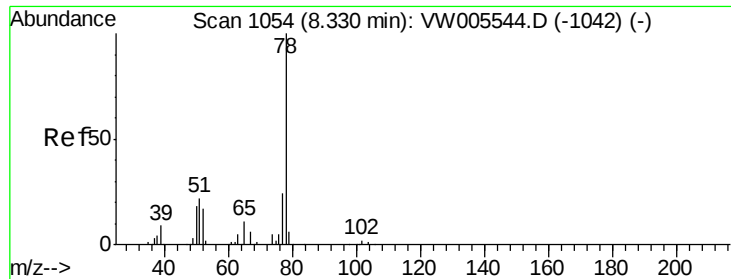
Abundance

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

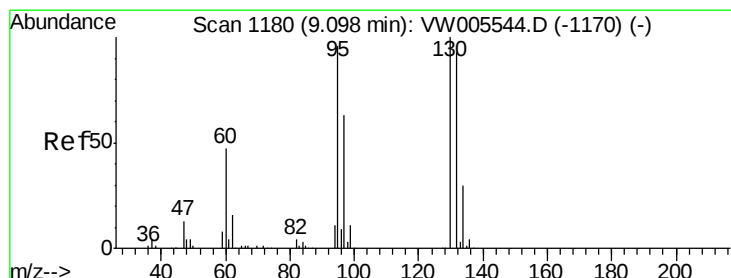
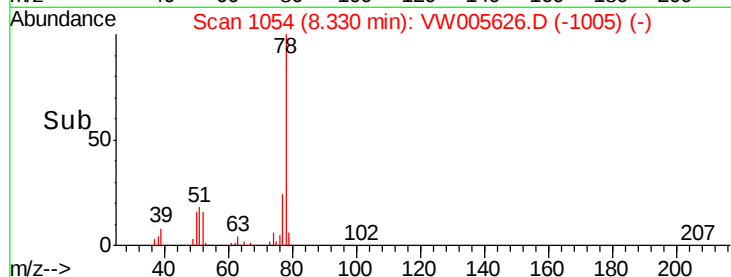
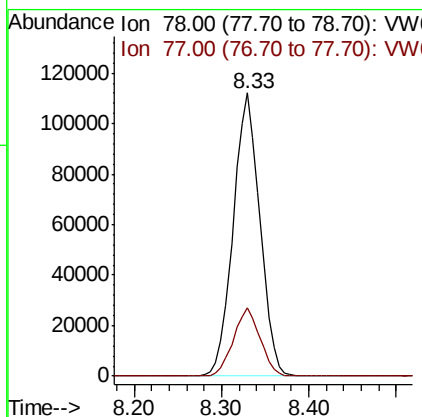
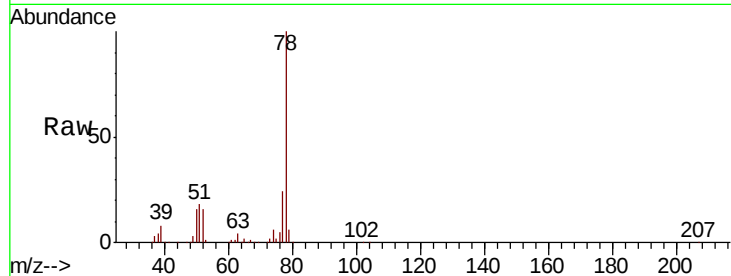




#40
Benzene
Concen: 420.283 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

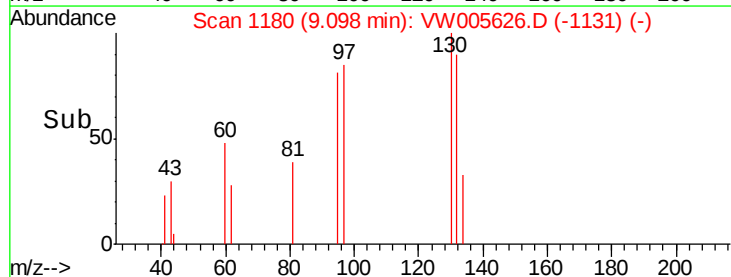
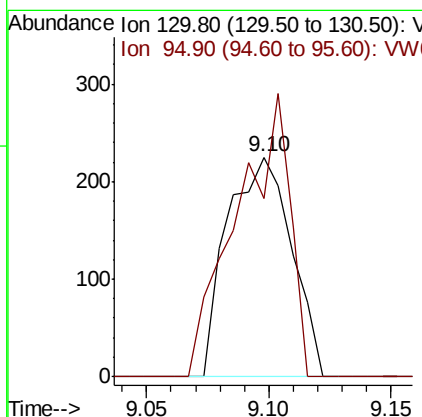
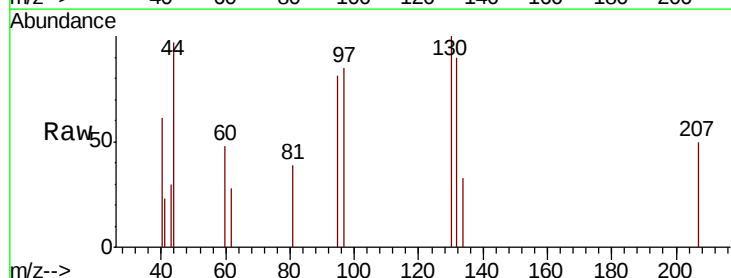
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2018-NYSEG-CLARK-PH4-AREA-9-

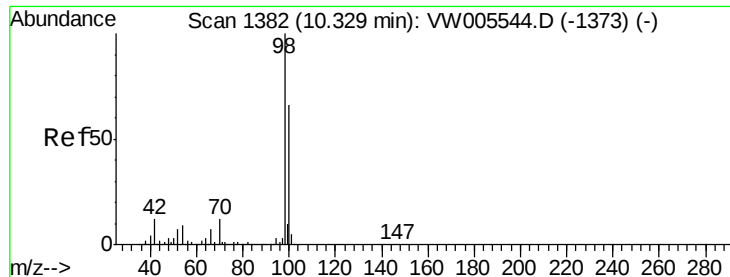
Tot Ion: 78 Resp: 237711
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



#44
Trichloroethene
Concen: 2.853 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:130 Resp: 413
Ion Ratio Lower Upper
130 100
95 81.3 0.0 191.2





#50

Toluene-d8

Concen: 19.015 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

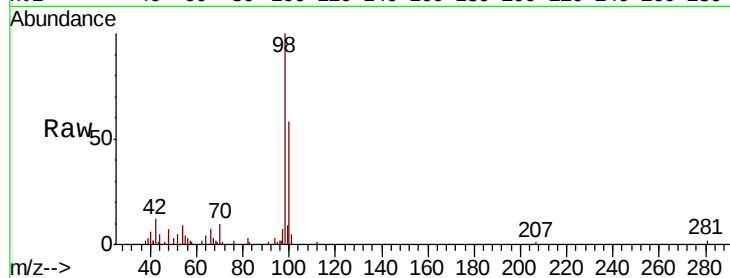
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 98 Resp: 9655

Ion Ratio Lower Upper

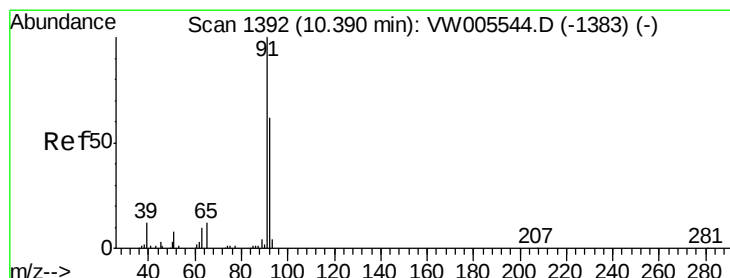
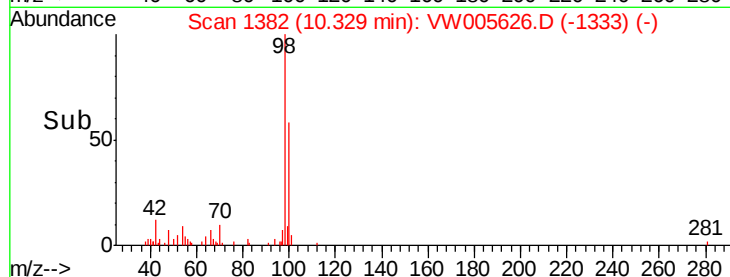
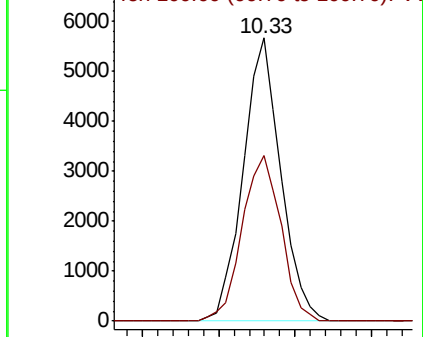
98 100

100 60.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1024.973 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005626.D

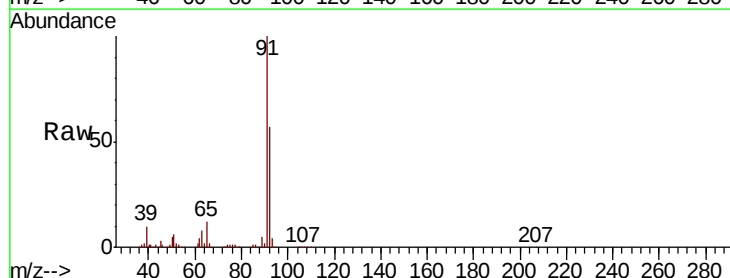
Acq: 25 Sep 2018 21:45

Tgt Ion: 92 Resp: 361722

Ion Ratio Lower Upper

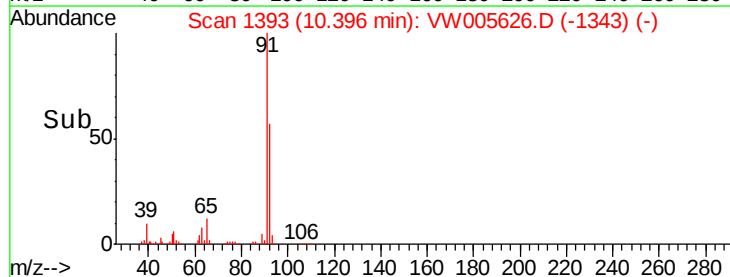
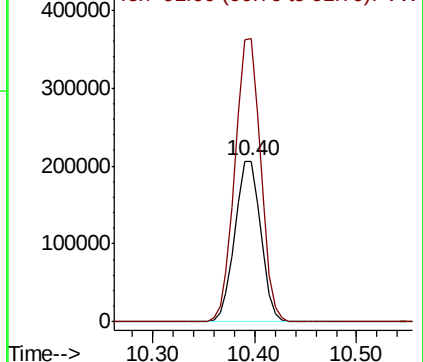
92 100

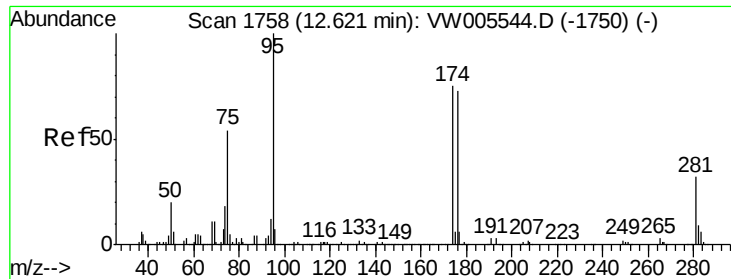
91 174.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

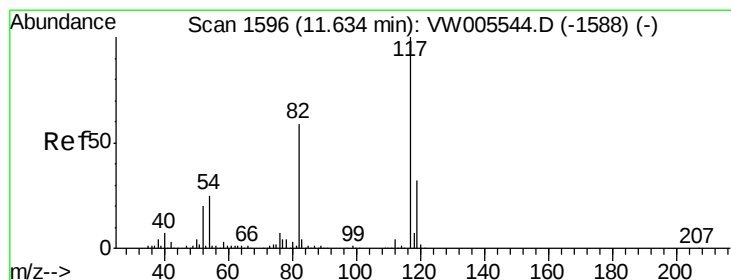
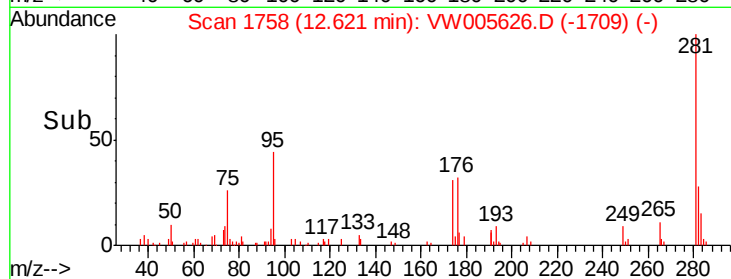
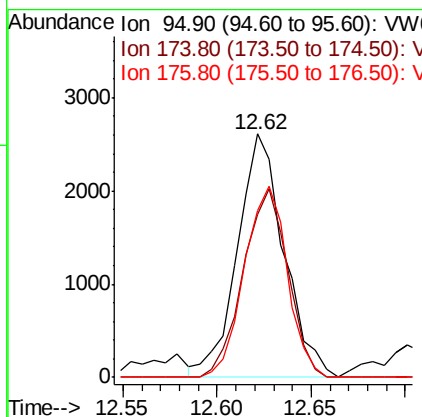
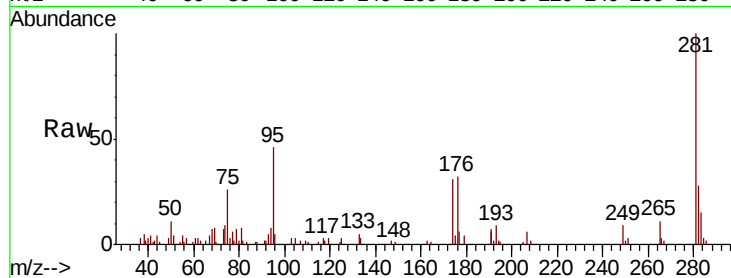




#62
4-Bromofluorobenzene
Concen: 23.818 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

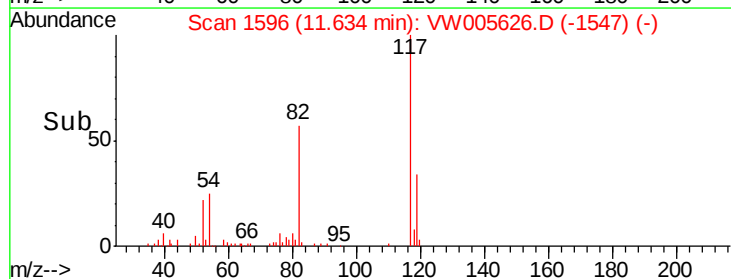
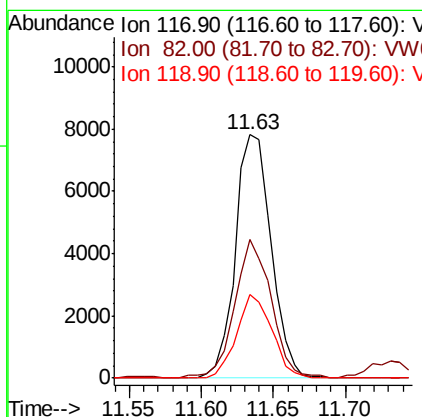
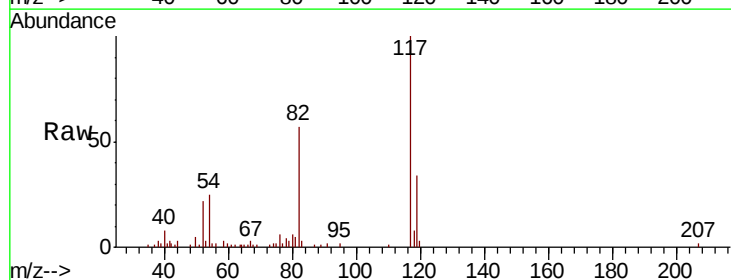
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

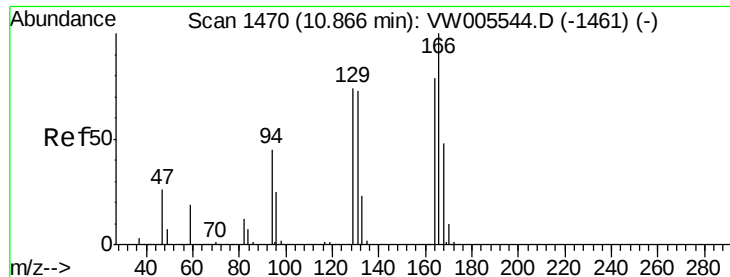
Tot Ion: 95 Resp: 4475
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.8
176 72.3 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion: 117 Resp: 13544
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 34.3 25.7 38.5





#64

Tetrachloroethene

Concen: 8.385 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion:164 Resp: 806

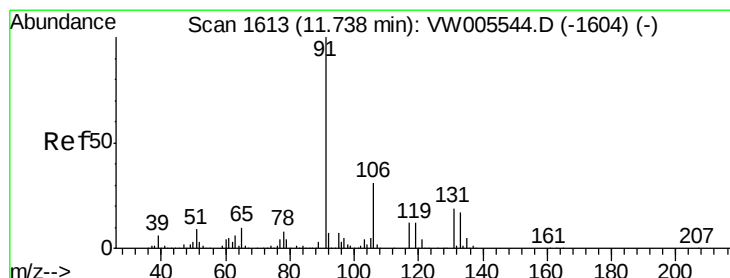
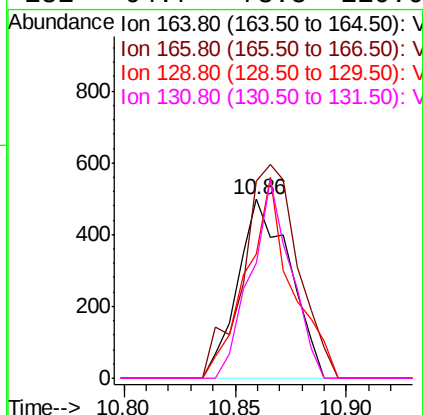
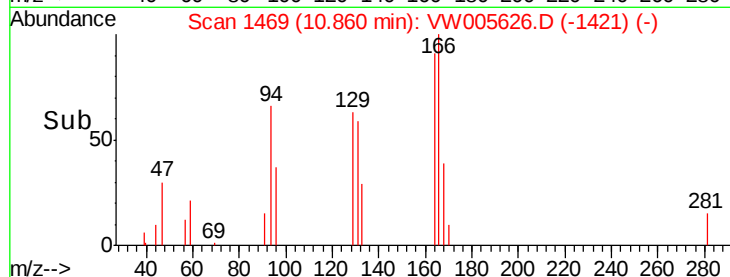
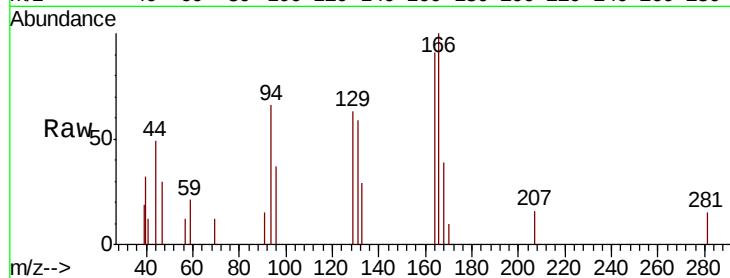
Ion Ratio Lower Upper

164 100

166 110.4 101.1 151.7

129 69.5 74.4 111.6#

131 64.7 73.8 110.6#



#67

Ethyl Benzene

Concen: 829.899 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005626.D

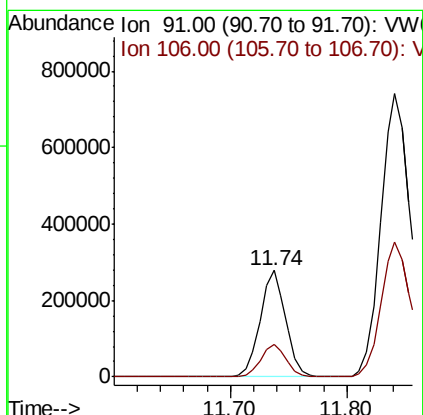
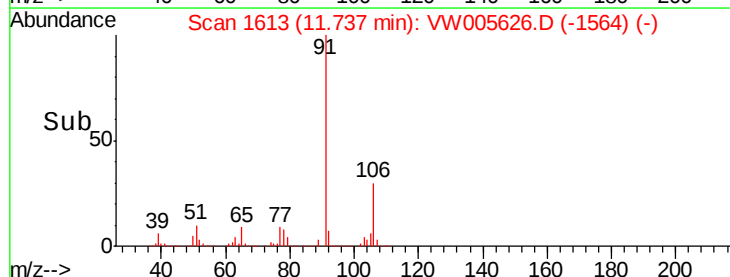
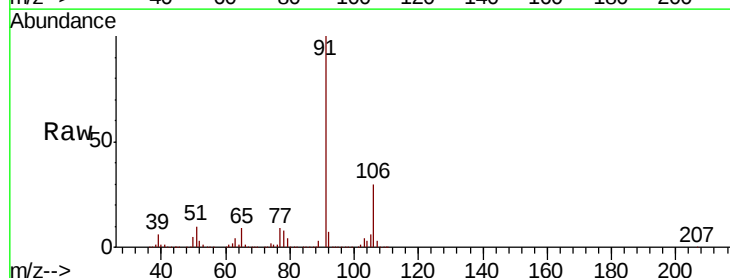
Acq: 25 Sep 2018 21:45

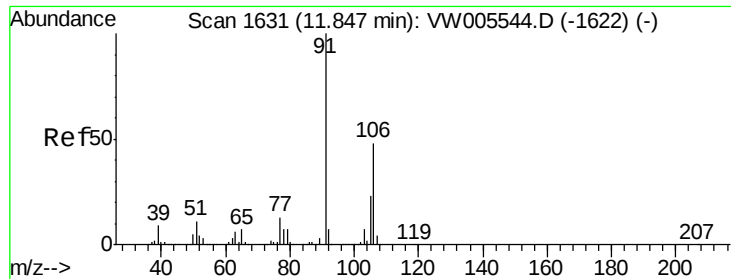
Tgt Ion: 91 Resp: 423543

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6

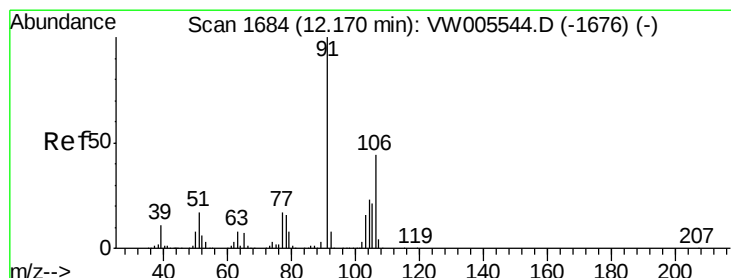
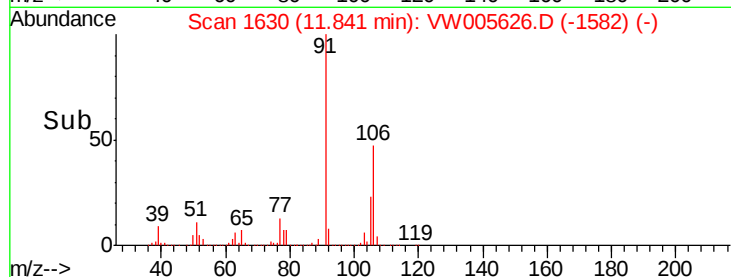
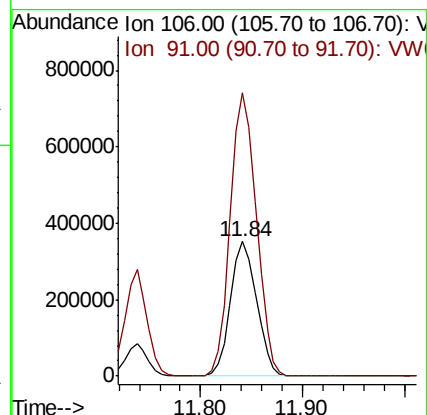
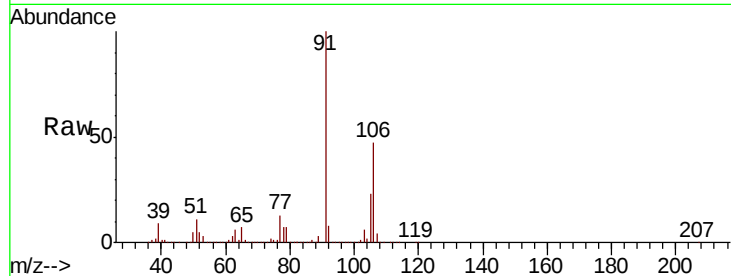




#68
m/p-Xylenes
Concen: 3234.341 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

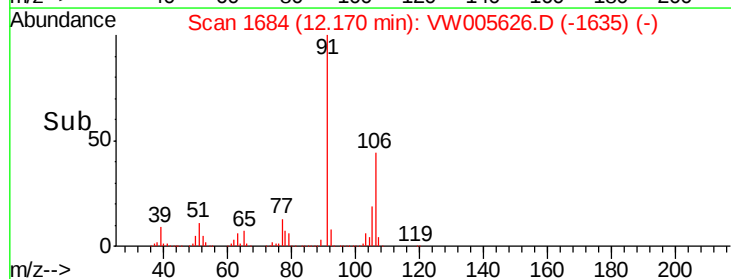
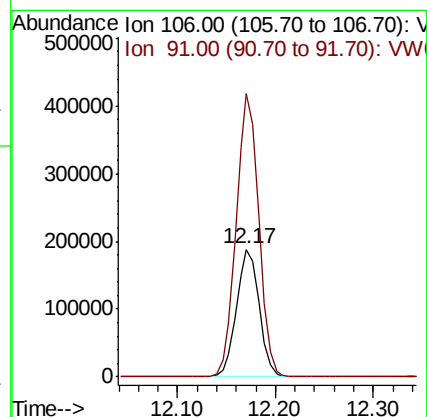
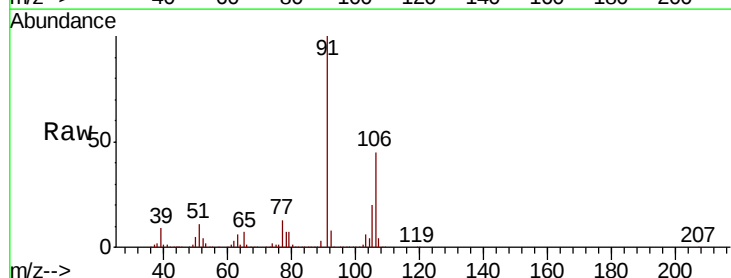
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

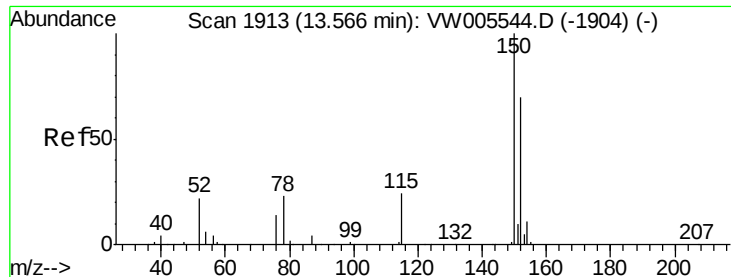
Tot Ion:106 Resp: 623626
Ion Ratio Lower Upper
106 100
91 210.8 167.8 251.8



#69
o-Xylene
Concen: 1666.715 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:106 Resp: 300972
Ion Ratio Lower Upper
106 100
91 221.7 111.0 333.0



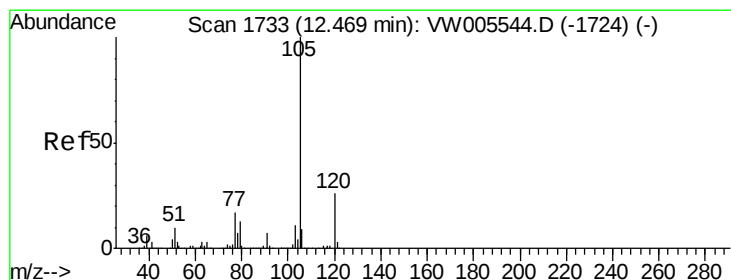
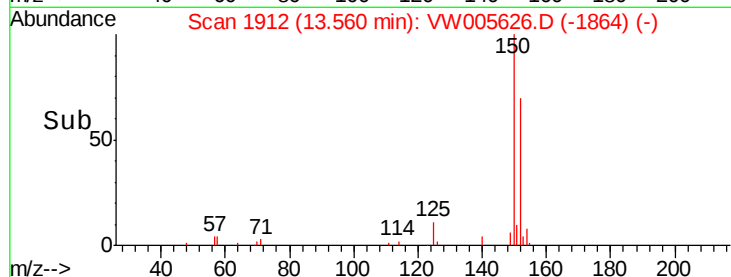
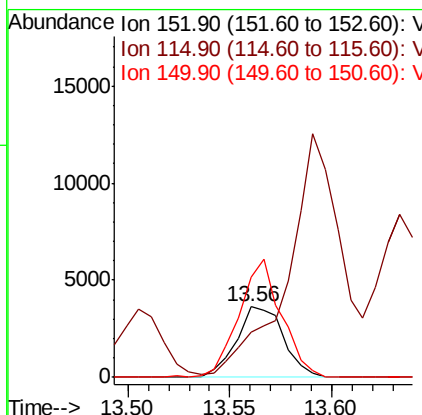
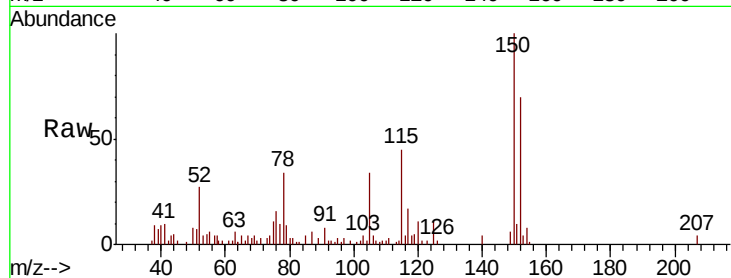


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

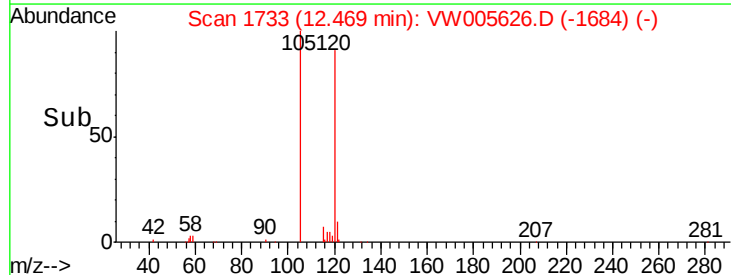
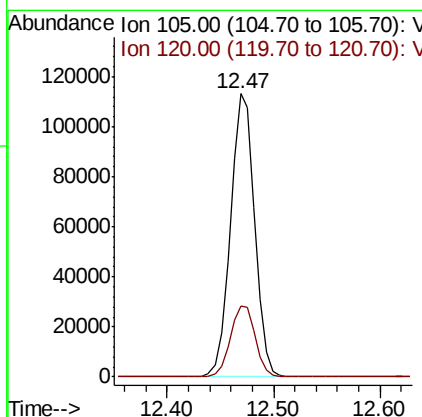
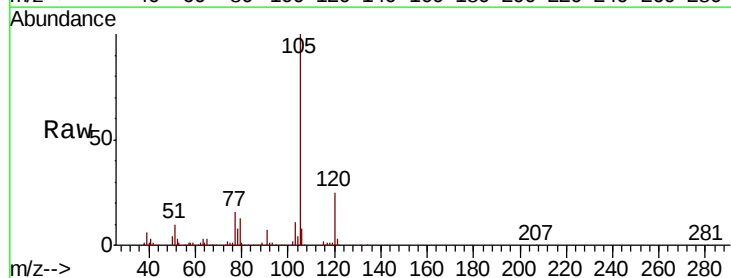
Tot Ion:152 Resp: 5830
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 151.0 0.0 348.6

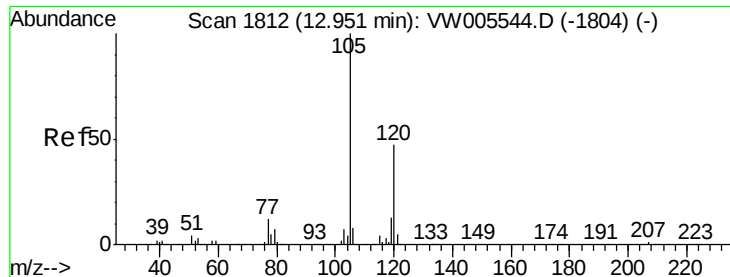


#73

Isopropylbenzene
Concen: 444.589 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:105 Resp: 179745
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

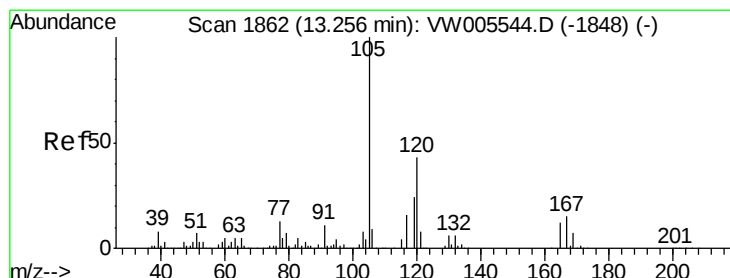
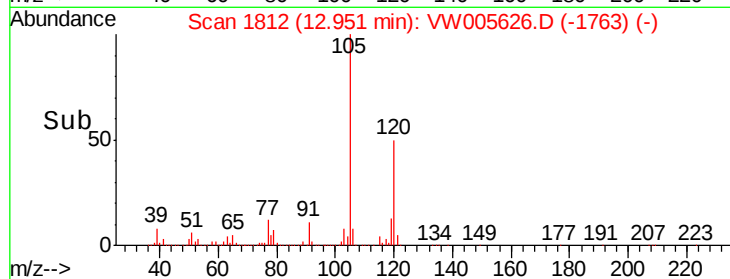
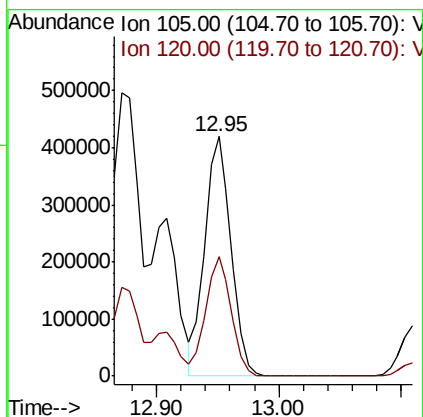
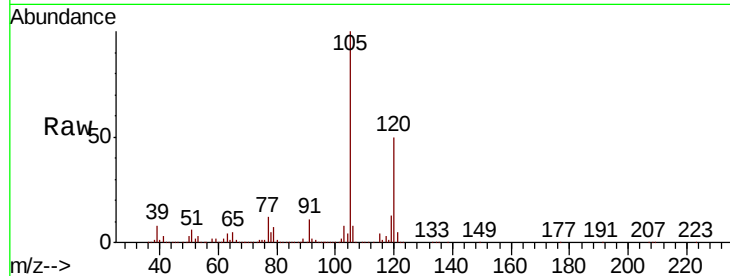




#80
 1,3,5-Trimethylbenzene
 Concen: 1776.483 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

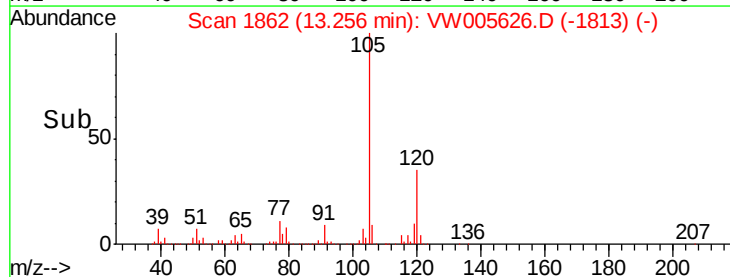
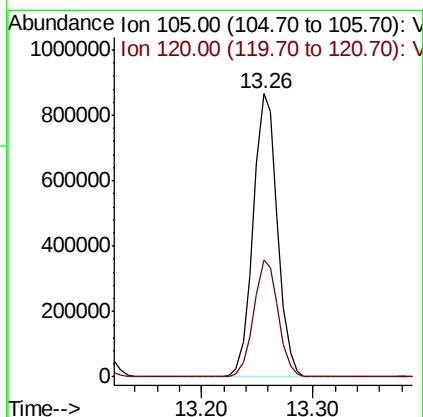
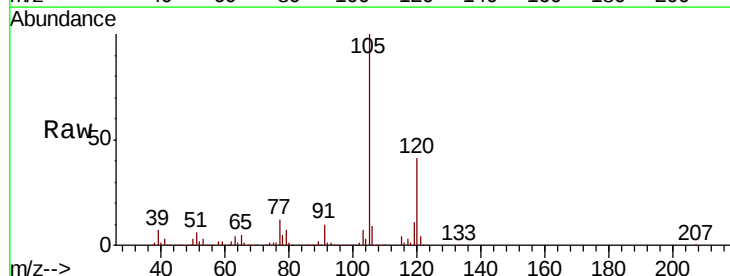
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

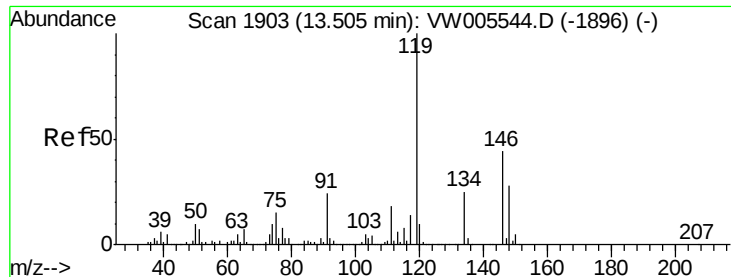
Tot Ion:105 Resp: 624525
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.6 70.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3684.546 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion:105 Resp: 1307143
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.5 64.5

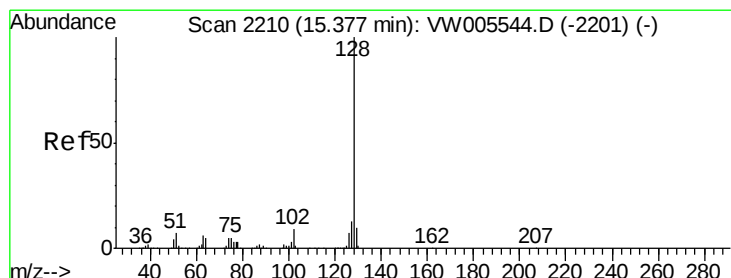
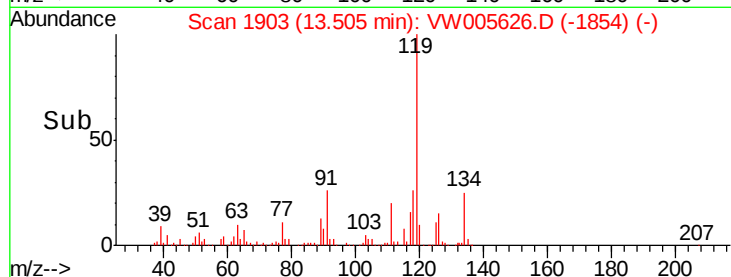
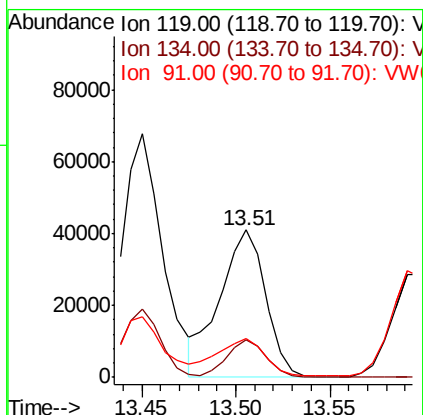
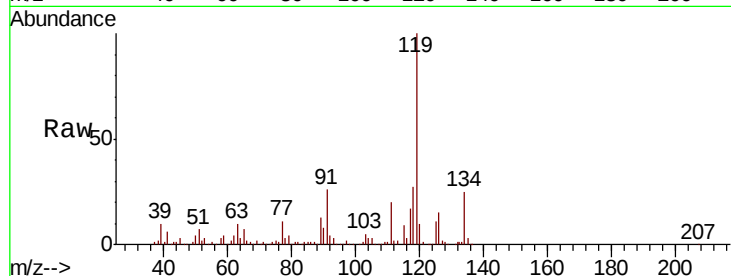




#86
p-Isopropyltoluene
Concen: 180.453 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion:119 Resp: 69283
Ion Ratio Lower Upper
119 100
134 21.7 12.7 38.1
91 27.2 12.2 36.4



#95
Naphthalene
Concen: 13817.196 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:128 Resp: 2835830
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.1 8.6 13.0

