

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 04:17:15 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
3) Chloromethane	2.21	50	106	1.452	ug/l #	42
4) Vinyl Chloride	2.36	62	1265	14.499	ug/l	96
5) Bromomethane	2.80	94	79	1.340	ug/l #	4
11) Tert butyl alcohol	5.19	59	245	42.390	ug/l #	72
13) Acrolein	3.89	56	23	Below Cal	#	13
15) Acrylonitrile	5.37	53	429	21.676	ug/l #	84
16) Acetone	4.12	43	7426	449.109	ug/l	94
17) Carbon Disulfide	4.38	76	825	3.193	ug/l #	79
18) Methyl Acetate	4.68	43	1076	21.223	ug/l #	72
20) Methylene Chloride	4.92	84	3808	41.785	ug/l	97
25) 2-Butanone	7.13	43	614	23.633	ug/l #	50
26) 2,2-Dichloropropane	7.14	77	1805	14.937	ug/l #	54
27) cis-1,2-Dichloroethene	7.17	96	531	5.315	ug/l #	7
29) Tetrahydrofuran	7.55	42	44	2.711	ug/l #	35
31) Cyclohexane	7.96	56	633	3.817	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	801	4.013	ug/l #	42
38) Carbon Tetrachloride	7.95	117	990	4.628	ug/l #	12
39) Methylcyclohexane	9.34	83	1841	7.817	ug/l #	89
40) Benzene	8.33	78	237711	420.283	ug/l	99
41) Methacrylonitrile	7.52	41	82	1.715	ug/l #	9
42) 1,2-Dichloroethane	8.33	62	2393	13.215	ug/l #	78
44) Trichloroethene	9.10	130	413	2.853	ug/l	85
48) Methyl methacrylate	9.41	41	102	1.300	ug/l #	39
51) 4-Methyl-2-Pentanone	10.21	43	912	10.963	ug/l #	69
52) Toluene	10.40	92	361722	1024.973	ug/l	97
53) t-1,3-Dichloropropene	10.71	75	246	1.314	ug/l #	44
55) 1,1,2-Trichloroethane	10.77	97	383	3.881	ug/l #	31
56) Ethyl methacrylate	10.66	69	692	5.680	ug/l #	70
57) 1,3-Dichloropropane	11.07	76	231	1.321	ug/l	89
60) Dibromochloromethane	10.87	129	722	6.055	ug/l #	11
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

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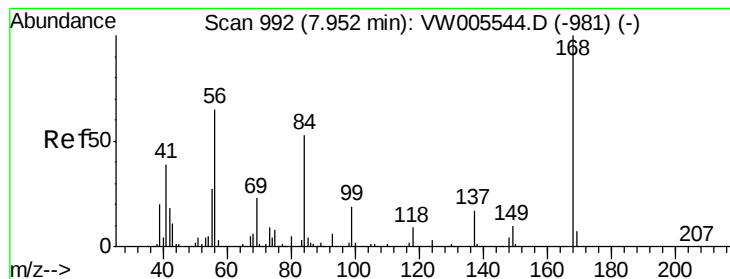
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.18	104	37470	123.300	ug/l #	1
73) Isopropylbenzene	12.47	105	179745	444.589	ug/l	100
74) N-amyl acetate	12.31	43	249	2.720	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.69	83	89	1.325	ug/l #	26
76) 1,2,3-Trichloropropane	12.87	75	7650	153.933	ug/l #	100
78) n-propylbenzene	12.81	91	11183	22.847	ug/l #	53
79) 2-Chlorotoluene	12.87	91	106455	375.916	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.95	105	624525	1776.483	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.47	75	2201	99.751	ug/l #	51
82) 4-Chlorotoluene	12.95	91	66594	222.566	ug/l #	42
83) tert-Butylbenzene	13.26	119	155348	525.984	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	1307143	3684.546	ug/l	98
85) sec-Butylbenzene	13.26	105	1307143	3051.591	ug/l #	57
86) p-Isopropyltoluene	13.51	119	69283	180.453	ug/l	93
87) 1,3-Dichlorobenzene	13.58	146	801	4.134	ug/l #	52
88) 1,4-Dichlorobenzene	13.58	146	801	4.157	ug/l #	52
89) n-Butylbenzene	13.77	91	548467	1514.511	ug/l #	43
90) Hexachloroethane	14.10	117	23785	341.798	ug/l #	7
91) 1,2-Dichlorobenzene	13.88	146	486	2.841	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23404	1829.206	ug/l #	4
95) Naphthalene	15.38	128	2835830	13817.196	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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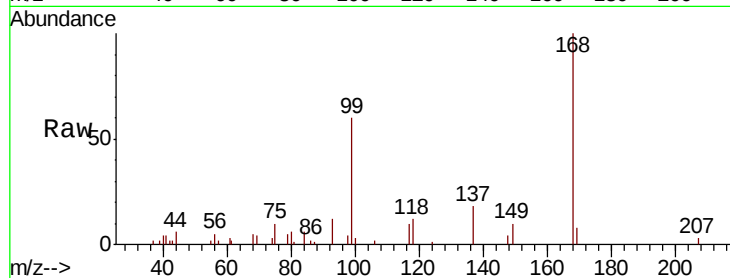
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 168 Resp: 9080

Ion Ratio Lower Upper

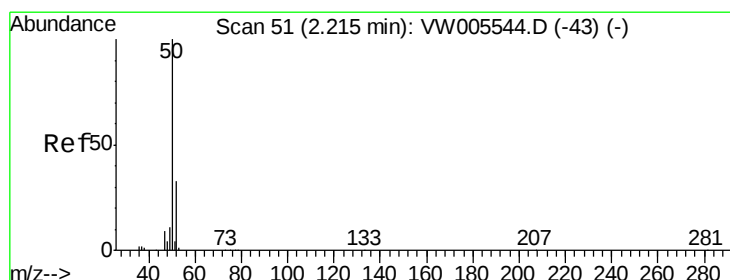
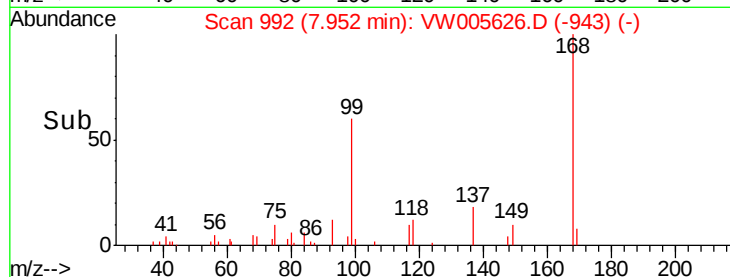
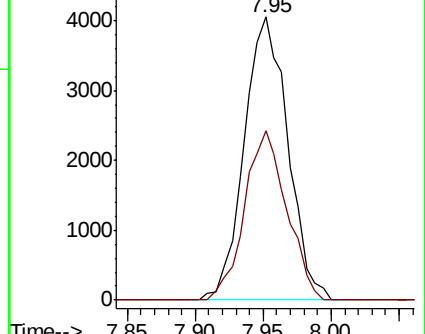
168 100

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



#3

Chloromethane

Concen: 1.452 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005626.D

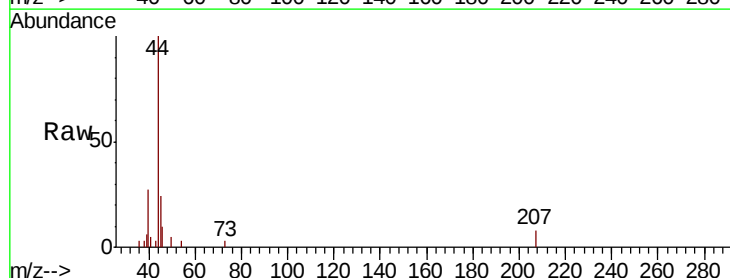
Acq: 25 Sep 2018 21:45

Tgt Ion: 50 Resp: 106

Ion Ratio Lower Upper

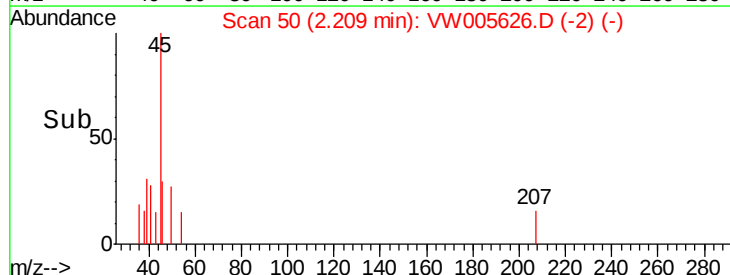
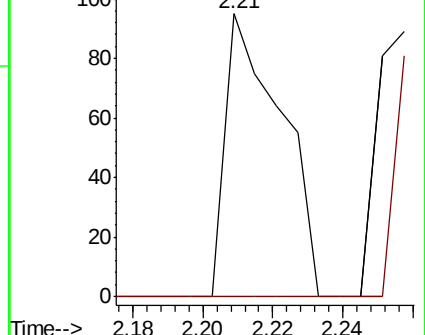
50 100

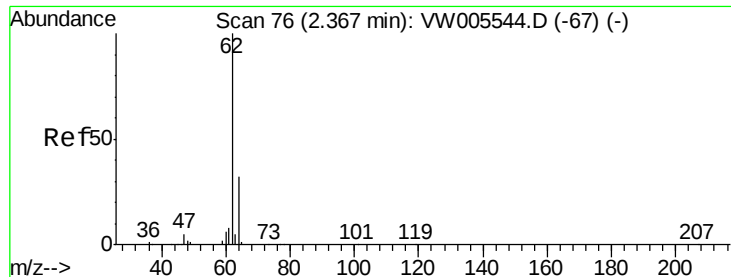
52 0.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): 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

Instrument :

MSVOA_W

ClientSampleId :

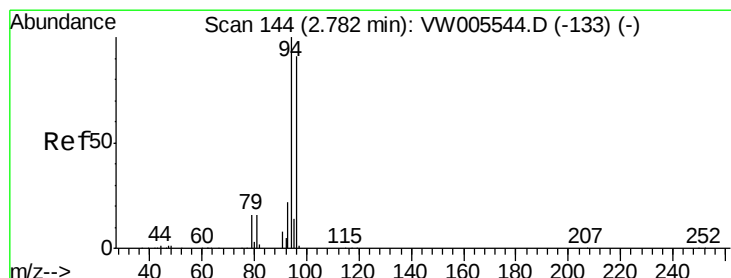
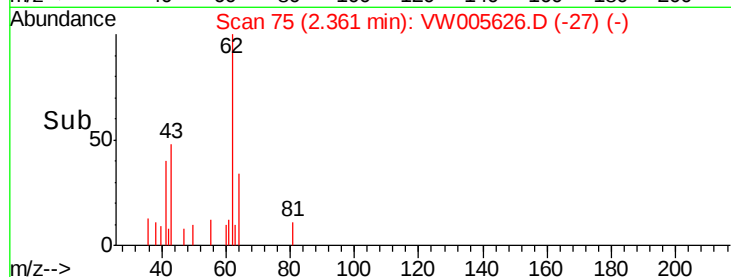
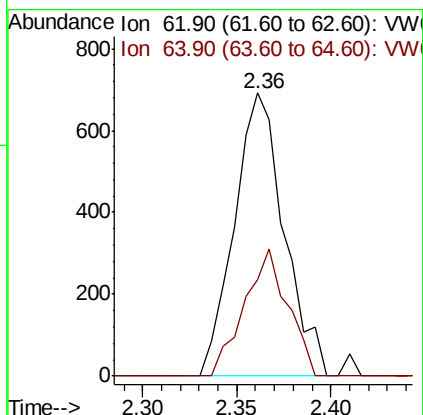
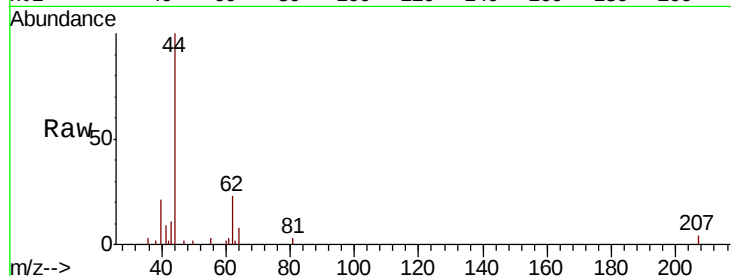
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 62 Resp: 1265

Ion Ratio Lower Upper

62 100

64 34.2 25.7 38.5



#5

Bromomethane

Concen: 1.340 ug/l

RT: 2.80 min Scan# 147

Delta R.T. 0.02 min

Lab File: VW005626.D

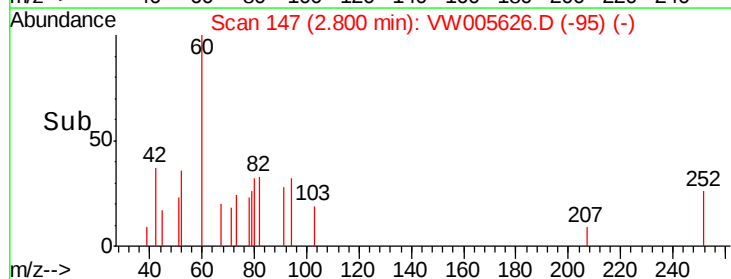
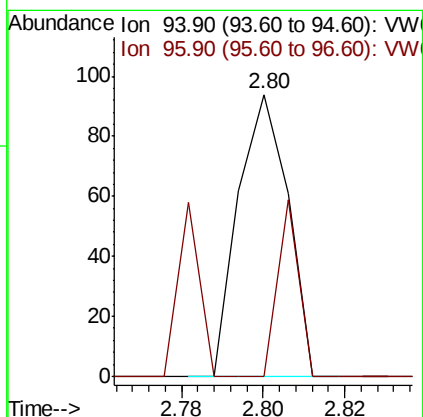
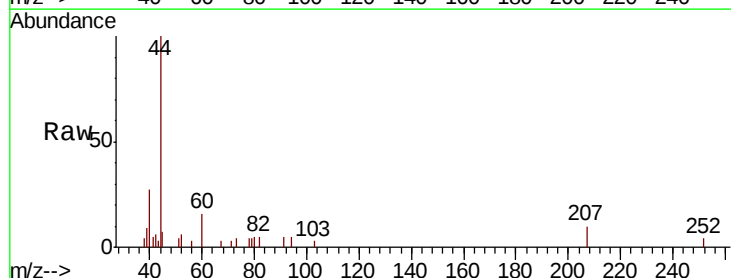
Acq: 25 Sep 2018 21:45

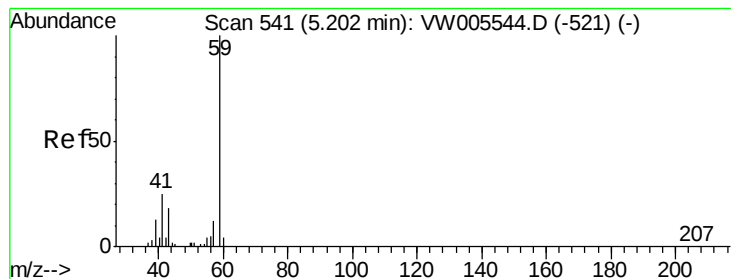
Tgt Ion: 94 Resp: 79

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#



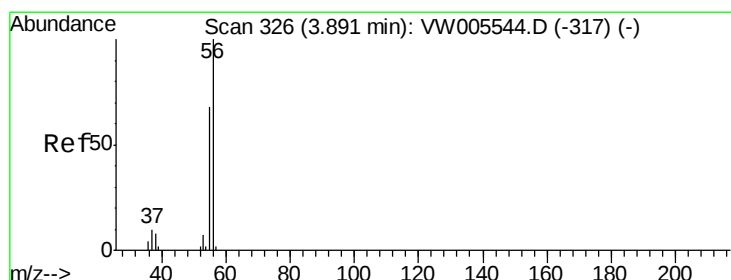
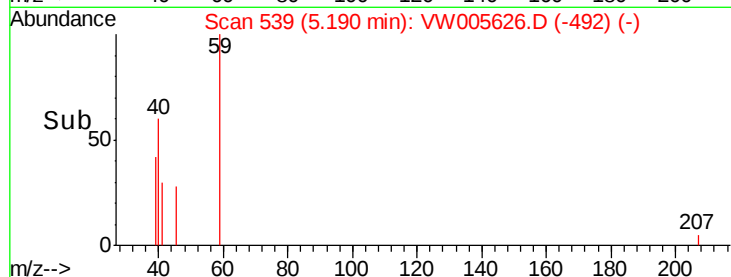
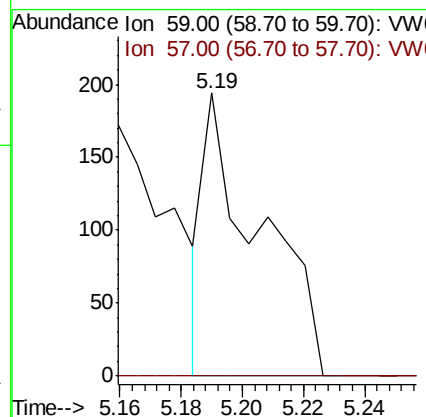
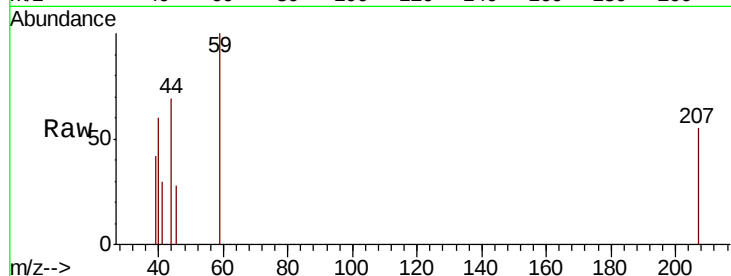


#11

Tert butyl alcohol
 Concen: 42.390 ug/l
 RT: 5.19 min Scan# 539
 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-

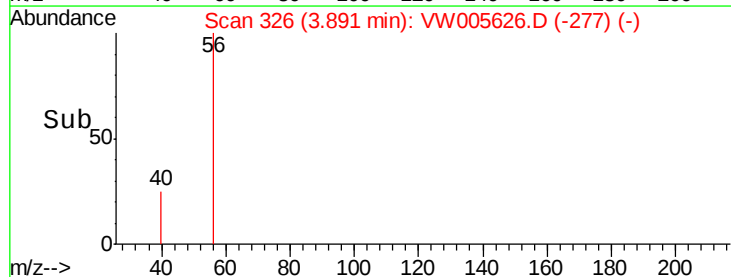
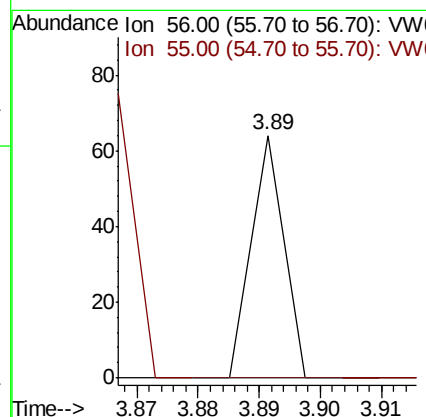
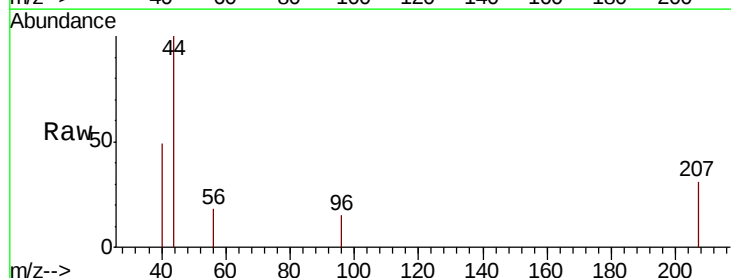
Tgt Ion: 59 Resp: 245
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

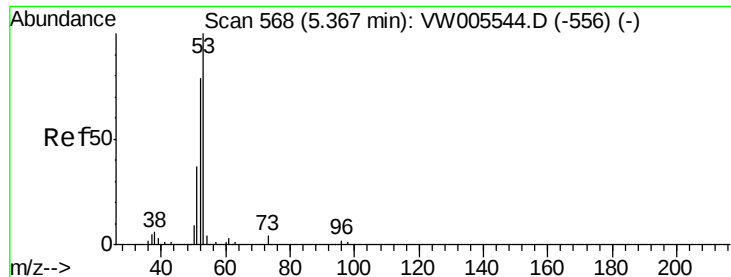


#13

Acrolein
 Concen: Below Cal
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.8 86.8#





#15

Acrylonitrile

Concen: 21.676 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

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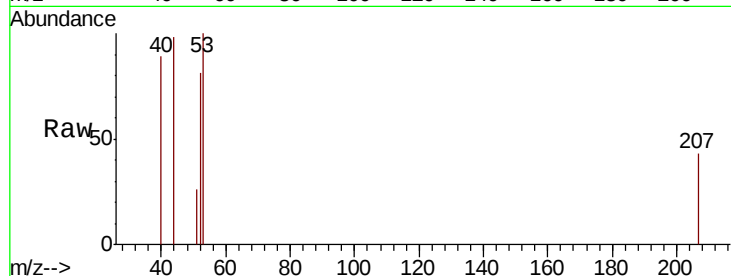
Tgt Ion: 53 Resp: 429

Ion Ratio Lower Upper

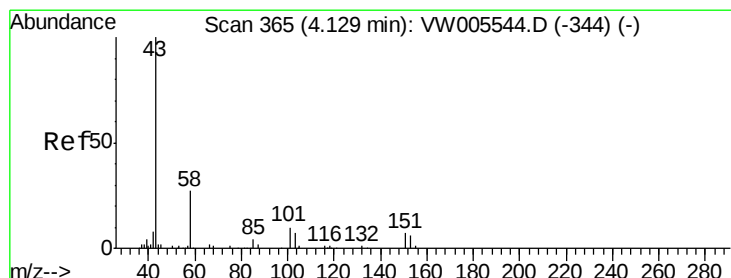
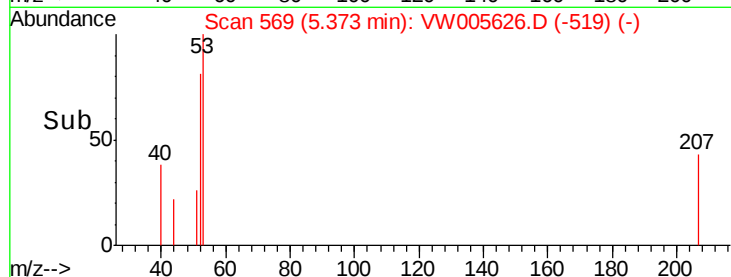
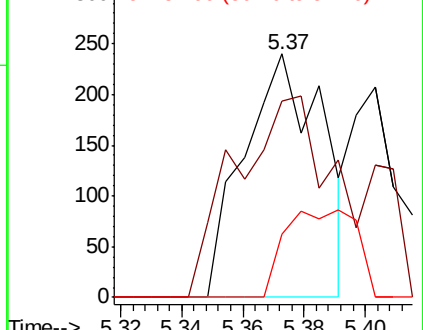
53 100

52 100.9 66.5 99.7#

51 33.1 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 449.109 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005626.D

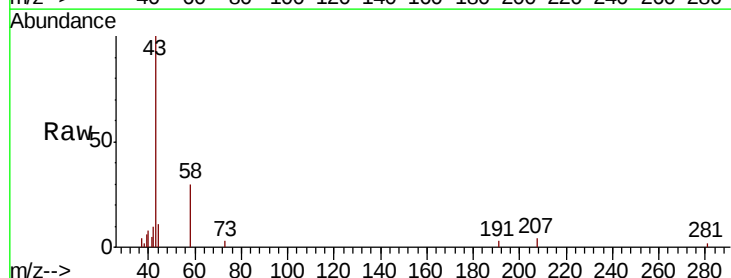
Acq: 25 Sep 2018 21:45

Tgt Ion: 43 Resp: 7426

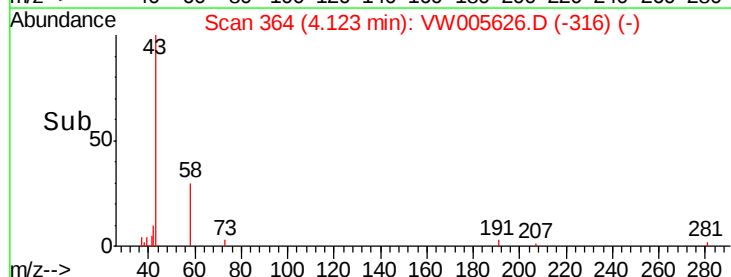
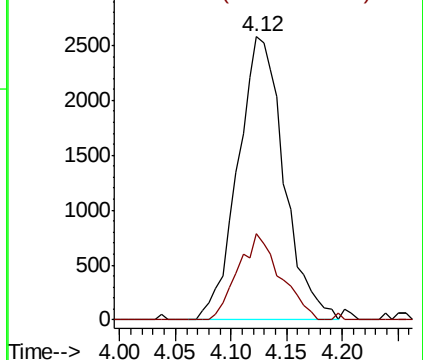
Ion Ratio Lower Upper

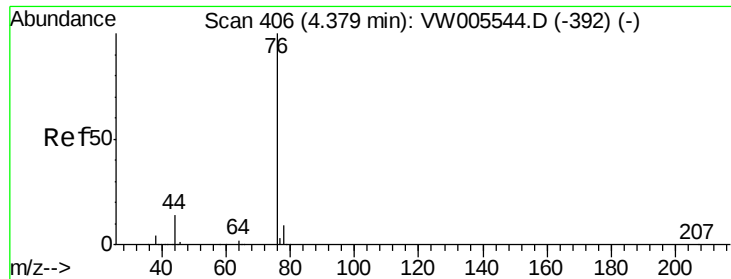
43 100

58 30.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.193 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

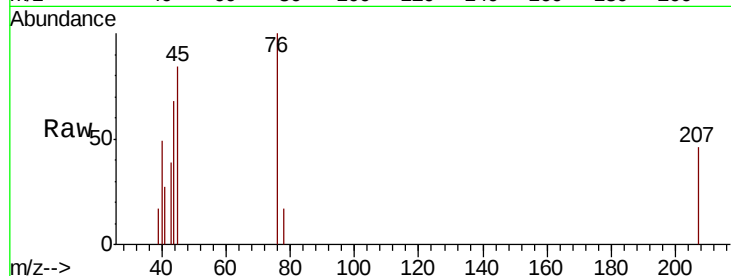
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 76 Resp: 825

Ion Ratio Lower Upper

76 100

78 16.8 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

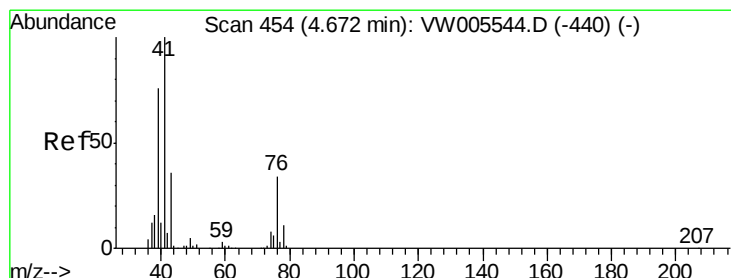
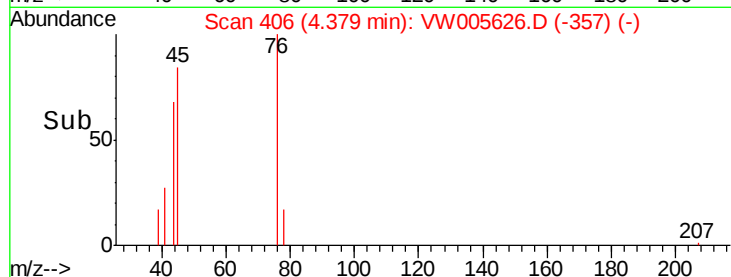
300

200

100

0

Time--> 4.30 4.35 4.40 4.45



#18

Methyl Acetate

Concen: 21.223 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005626.D

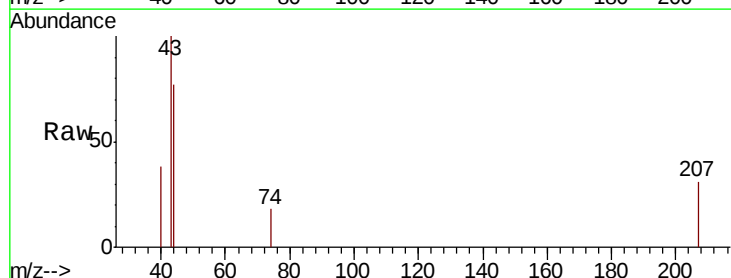
Acq: 25 Sep 2018 21:45

Tgt Ion: 43 Resp: 1076

Ion Ratio Lower Upper

43 100

74 10.1 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

400

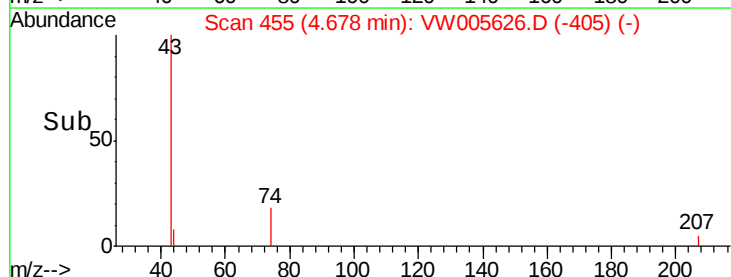
300

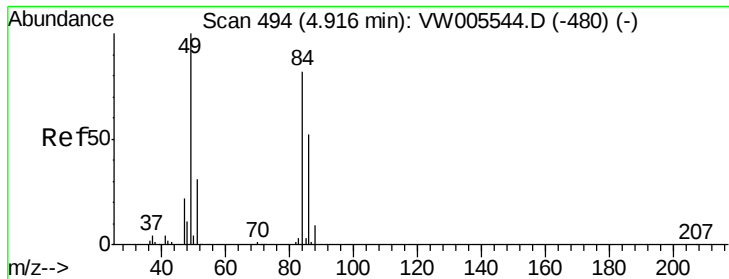
200

100

0

Time--> 4.60 4.65 4.70 4.75

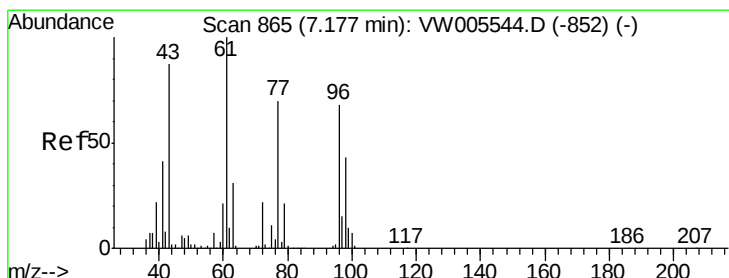
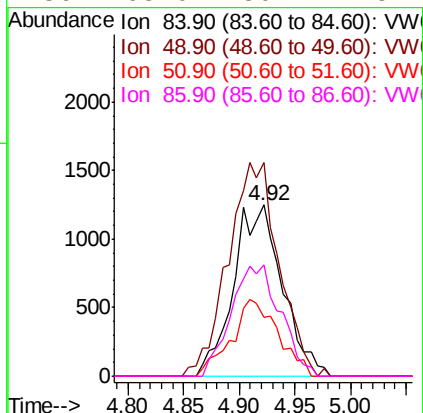
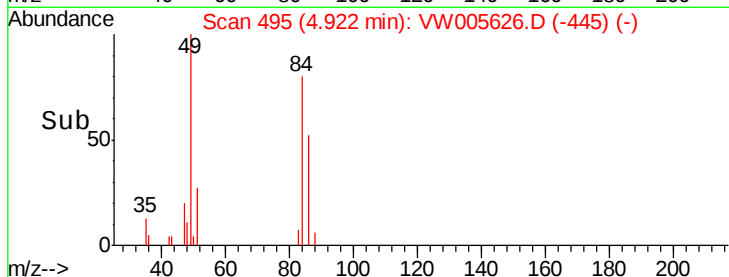
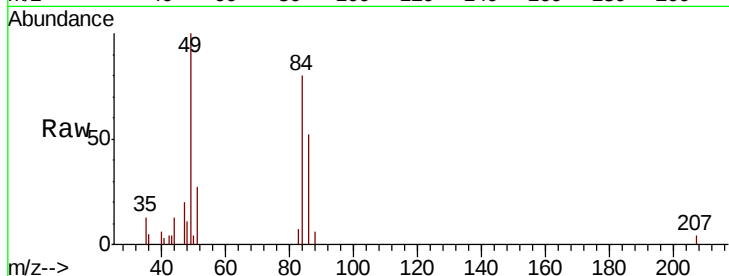




#20
Methylene Chloride
Concen: 41.785 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

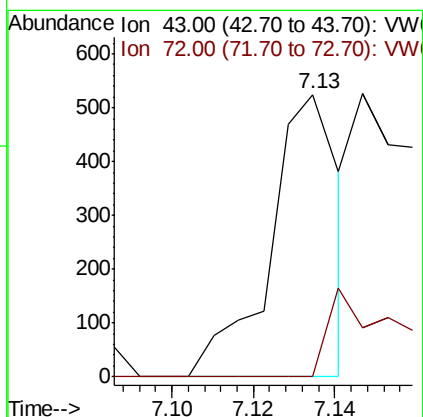
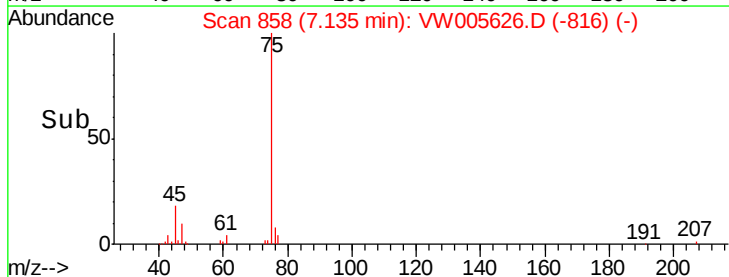
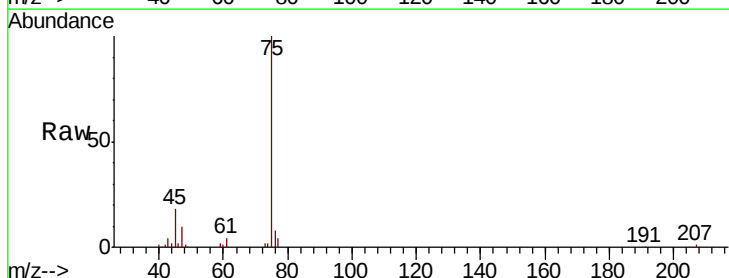
Instrument :
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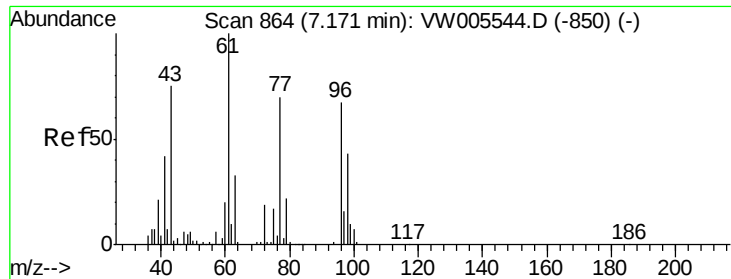
Tgt Ion:	84	Resp:	3808
Ion	Ratio	Lower	Upper
84	100		
49	124.6	97.0	145.6
51	34.0	30.2	45.2
86	65.0	50.2	75.4



#25
2-Butanone
Concen: 23.633 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:	43	Resp:	614
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#





#26

2,2-Dichloropropane

Concen: 14.937 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

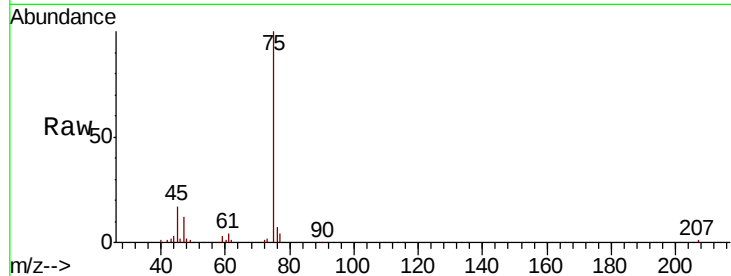
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 77 Resp: 1805

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.14

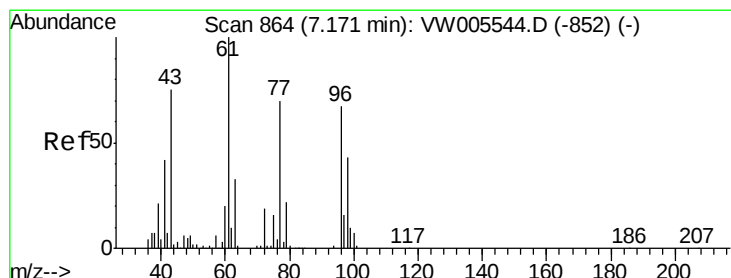
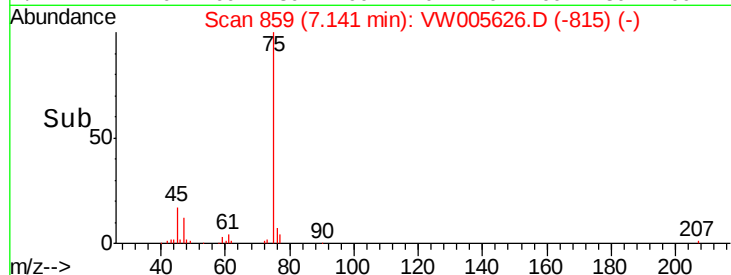
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.315 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

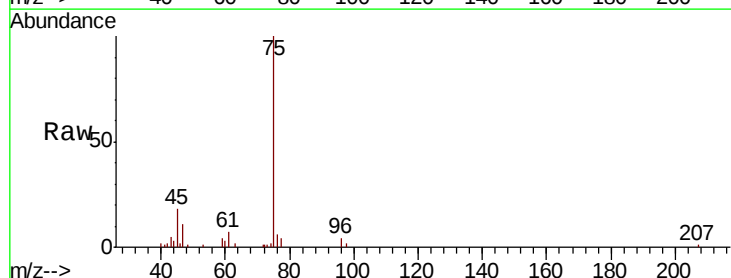
Tgt Ion: 96 Resp: 531

Ion Ratio Lower Upper

96 100

61 0.0 0.0 303.4

98 39.5 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

1200

1000

800

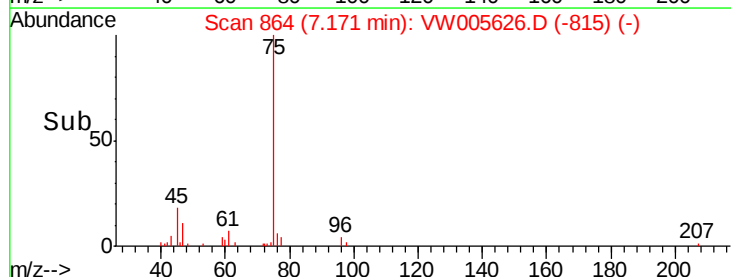
600

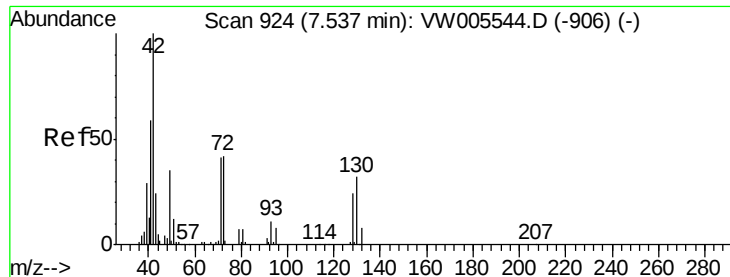
400

200

0

Time-->

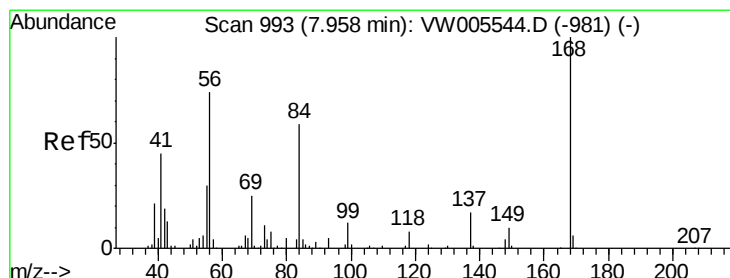
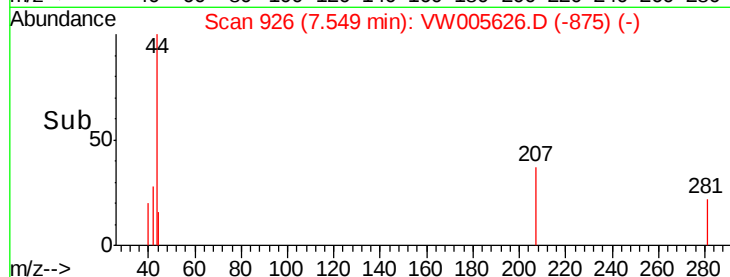
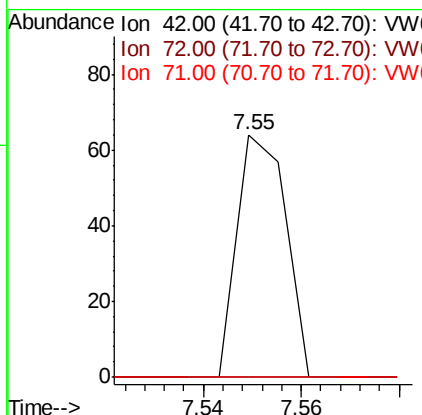
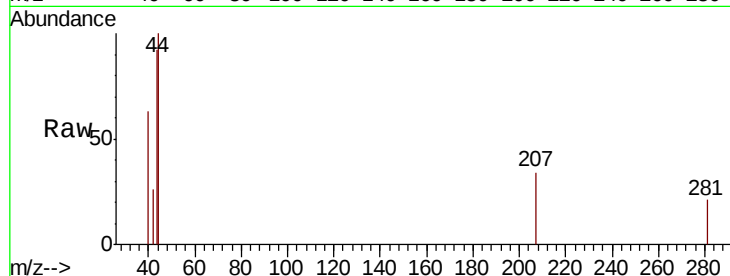




#29
Tetrahydrofuran
Concen: 2.711 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

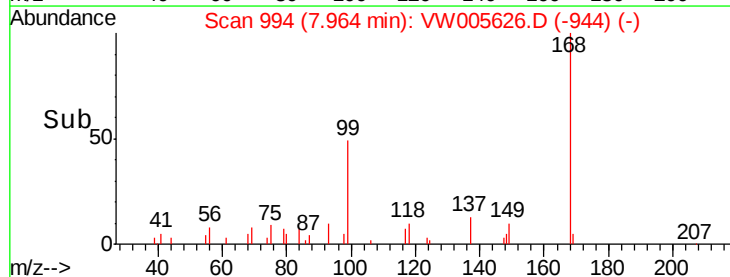
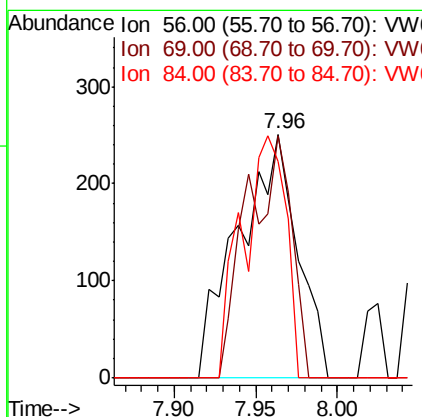
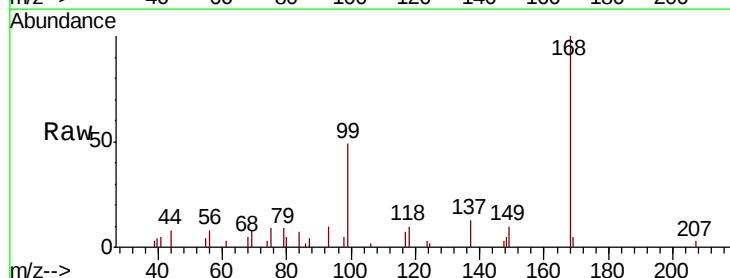
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

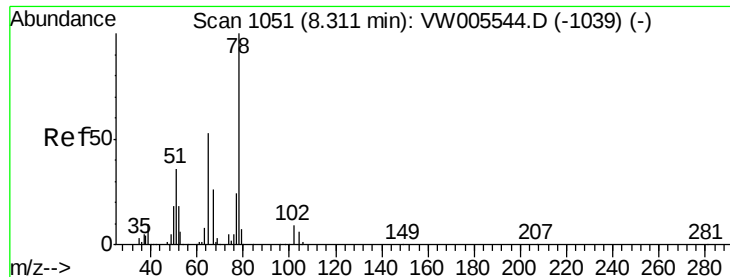
Tgt Ion: 42 Resp: 44
Ion Ratio Lower Upper
42 100
72 0.0 33.6 50.4#
71 0.0 31.8 47.6#



#31
Cyclohexane
Concen: 3.817 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion: 56 Resp: 633
Ion Ratio Lower Upper
56 100
69 99.6 27.0 40.4#
84 88.8 64.2 96.4

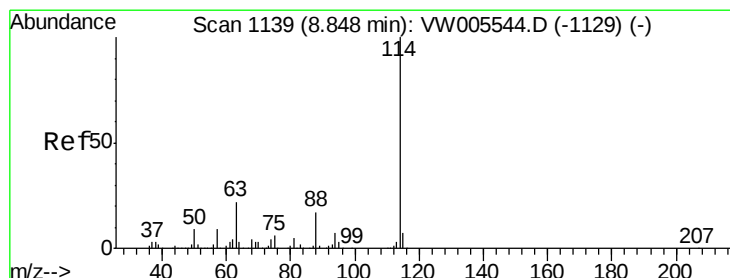
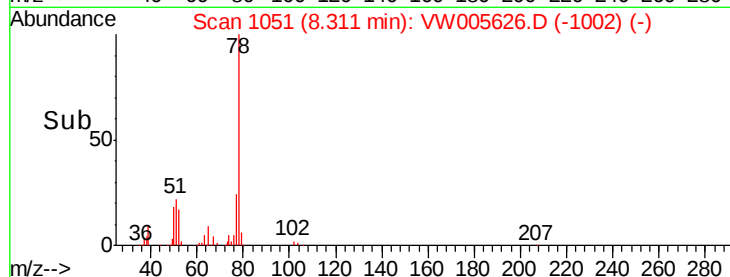
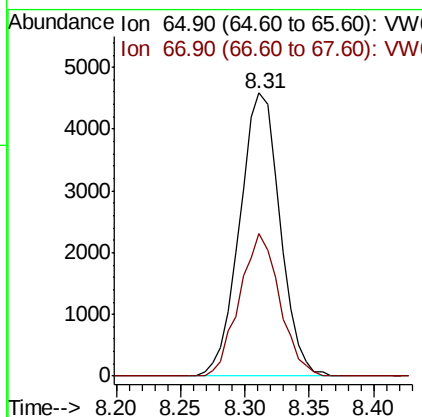
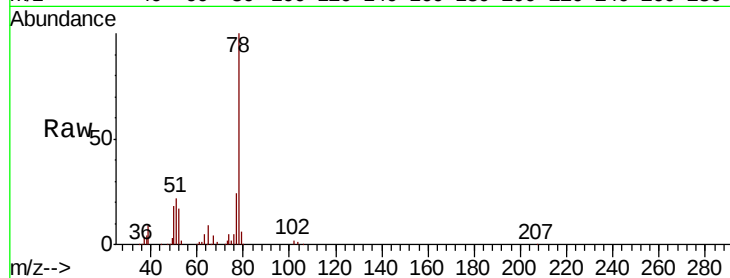




#33
 1,2-Dichloroethane-d4
 Concen: 92.990 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

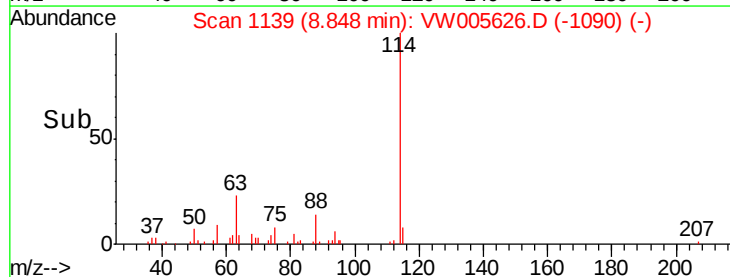
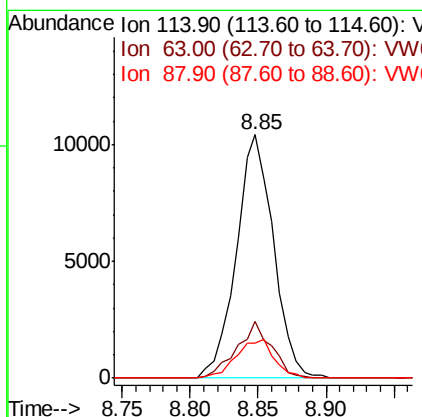
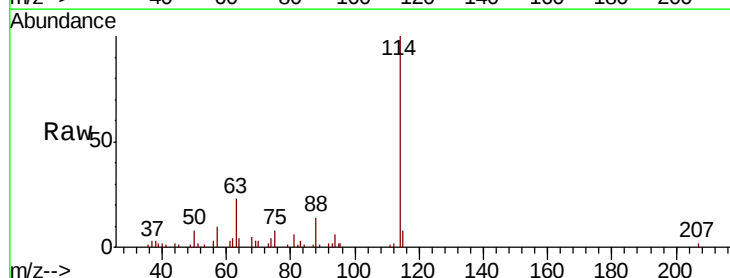
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

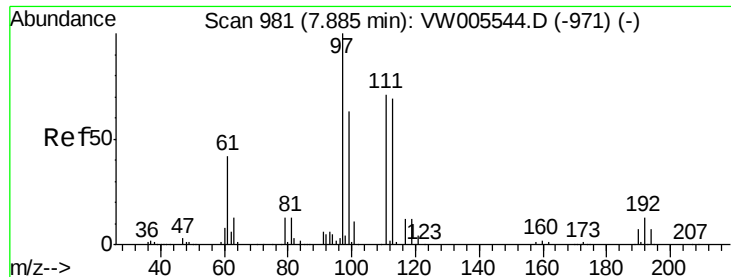
Tgt Ion: 65 Resp: 9947
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.6



#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

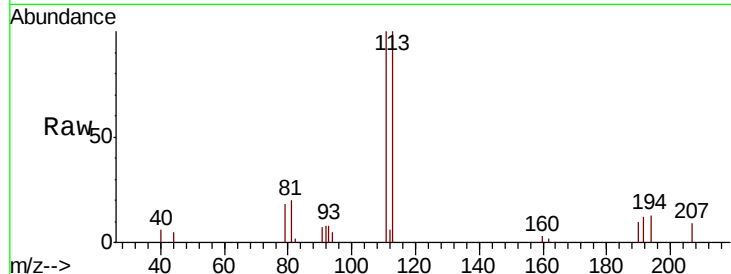




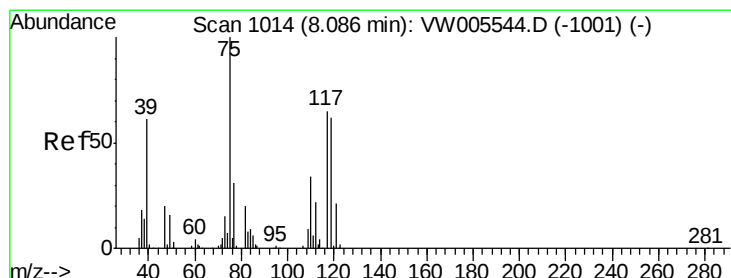
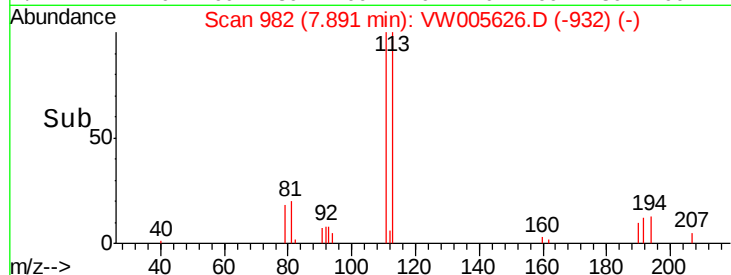
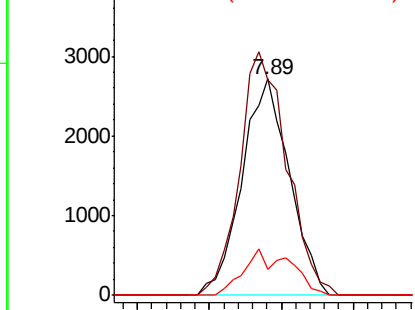
#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

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

Tgt Ion:113 Resp: 6209
 Ion Ratio Lower Upper
 113 100
 111 111.9 82.6 123.8
 192 21.0 17.0 25.4

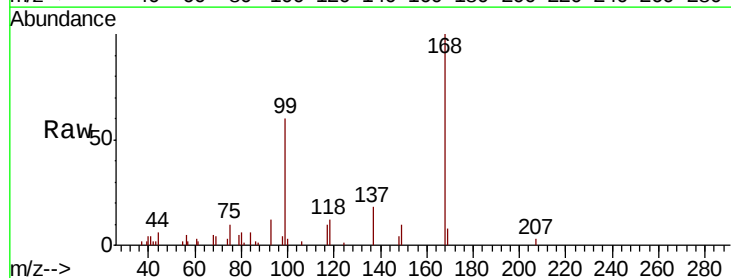


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

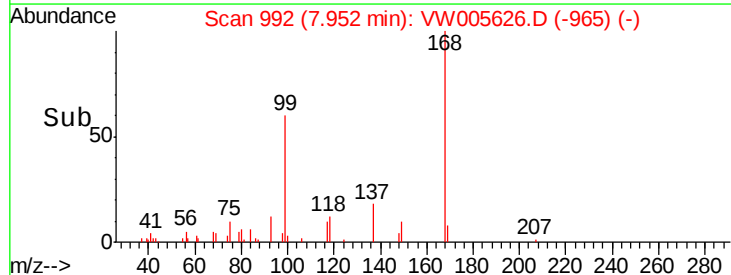
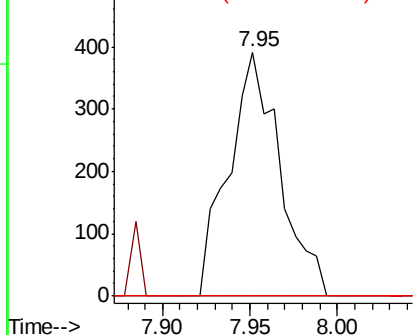


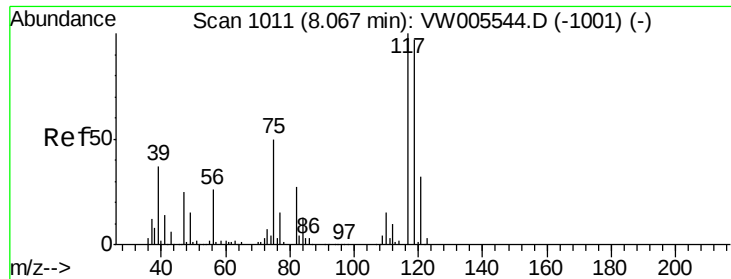
#36
 1,1-Dichloropropene
 Concen: 4.013 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion: 75 Resp: 801
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

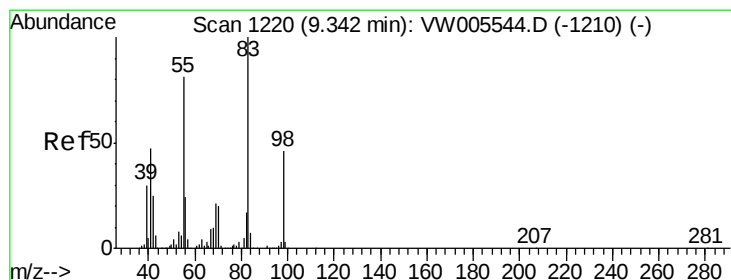
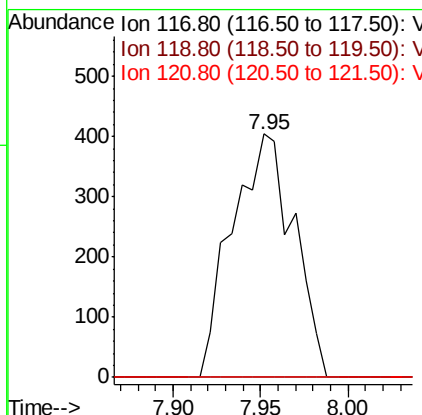
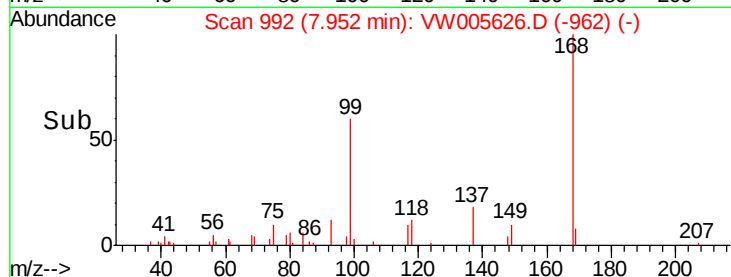
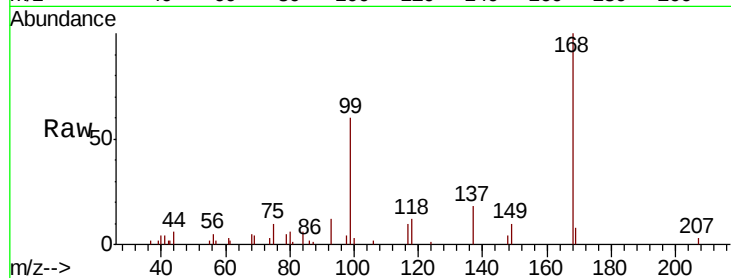




#38
Carbon Tetrachloride
Concen: 4.628 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

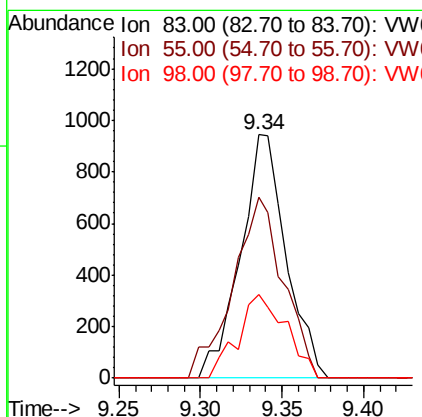
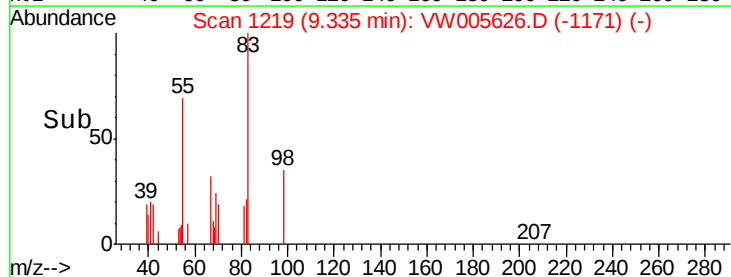
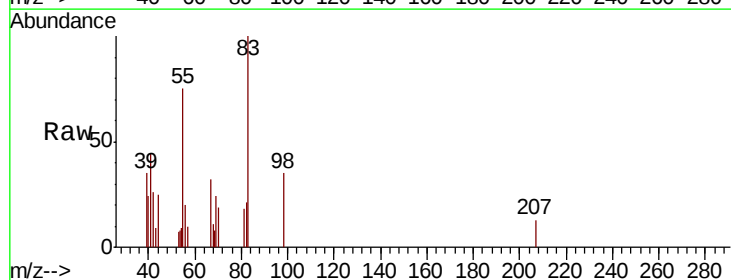
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

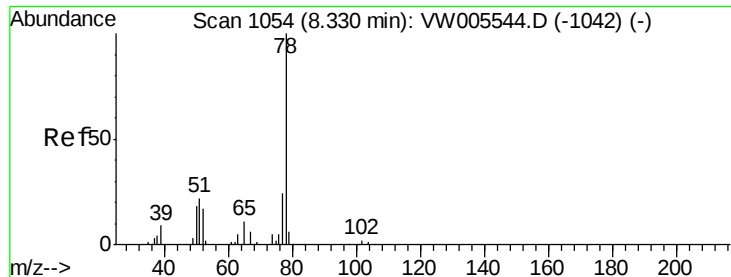
Tgt Ion:117 Resp: 990
Ion Ratio Lower Upper
117 100
119 0.0 77.6 116.4#
121 0.0 25.7 38.5#



#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: 83 Resp: 1841
Ion Ratio Lower Upper
83 100
55 74.6 64.6 97.0
98 34.6 37.0 55.6#





#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

Instrument :

MSVOA_W

ClientSampleId :

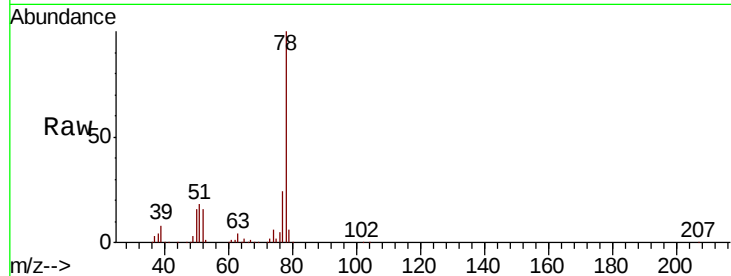
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 78 Resp: 237711

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.33

120000

100000

80000

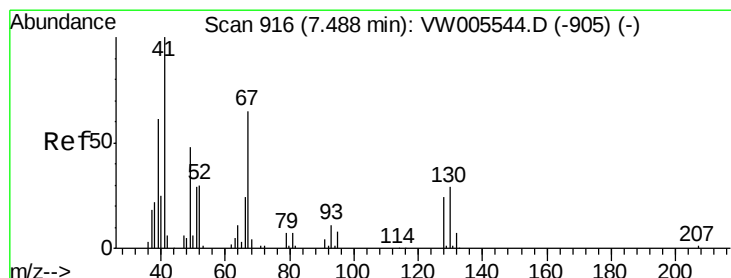
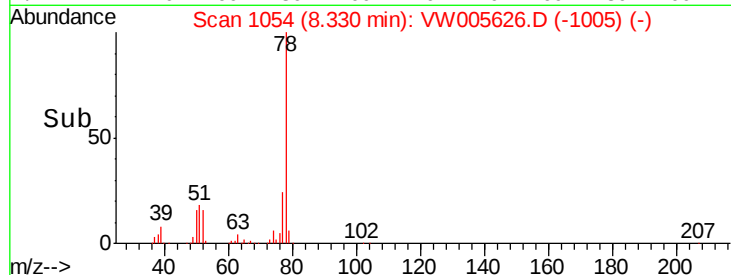
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#41

Methacrylonitrile

Concen: 1.715 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.03 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Tgt Ion: 41 Resp: 82

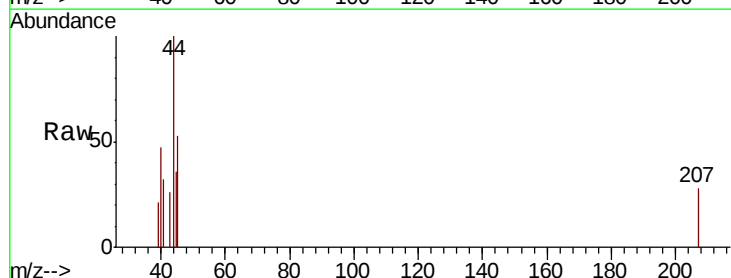
Ion Ratio Lower Upper

41 100

39 142.7 45.4 68.2#

67 0.0 55.2 82.8#

52 0.0 25.3 37.9#



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

120

100

80

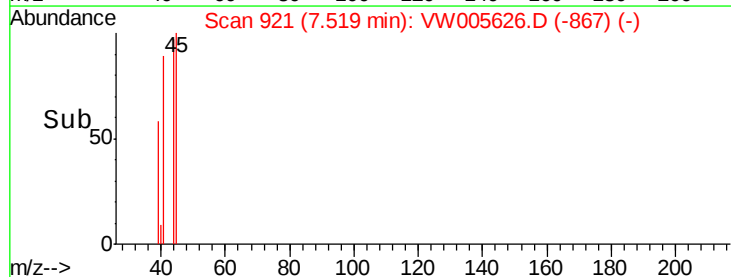
60

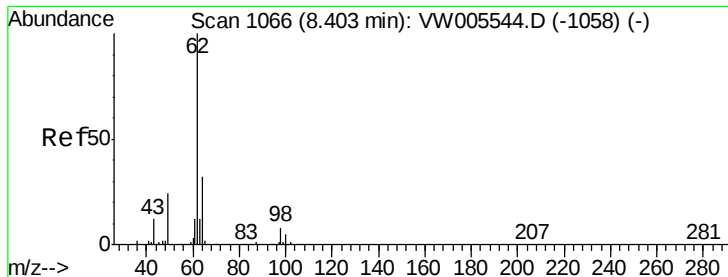
40

20

0

Time--> 7.50 7.52 7.54





#42

1,2-Dichloroethane

Concen: 13.215 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.07 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

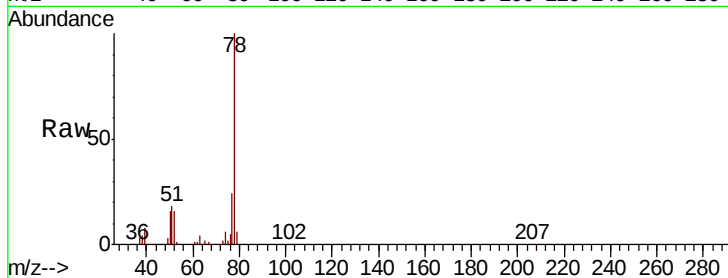
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 62 Resp: 2393

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

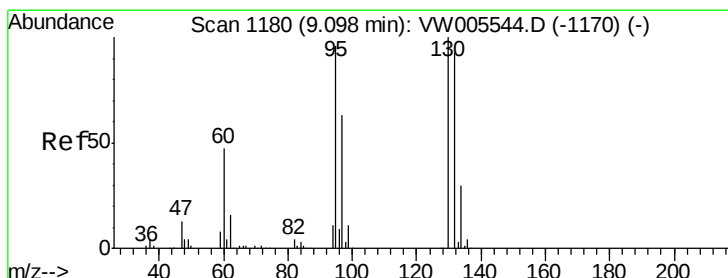
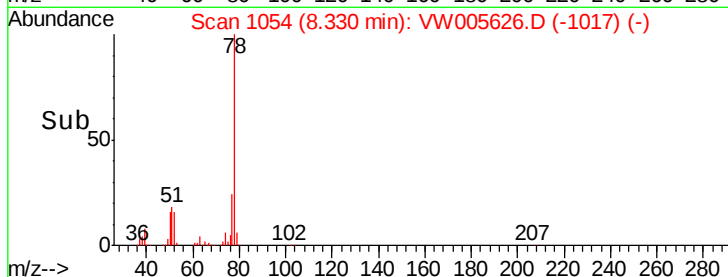
8.33

1000

500

0

Time-->



#44

Trichloroethene

Concen: 2.853 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005626.D

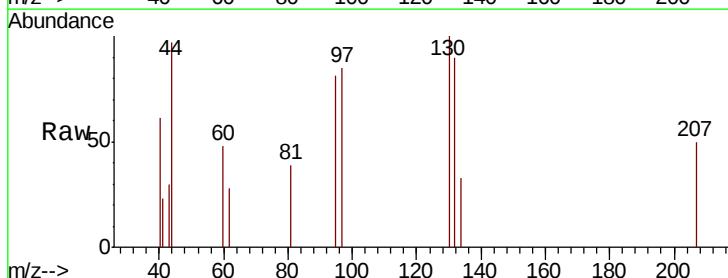
Acq: 25 Sep 2018 21:45

Tgt Ion: 130 Resp: 413

Ion Ratio Lower Upper

130 100

95 81.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.10

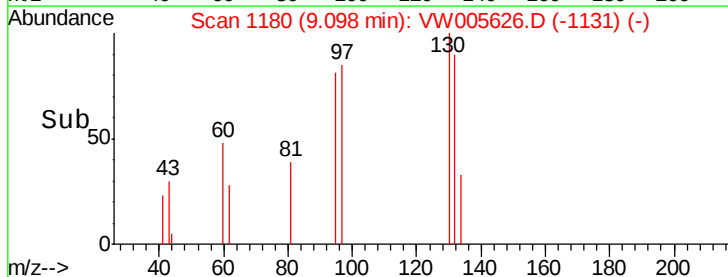
300

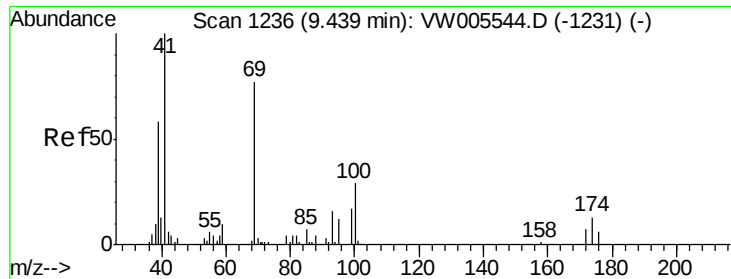
200

100

0

Time-->

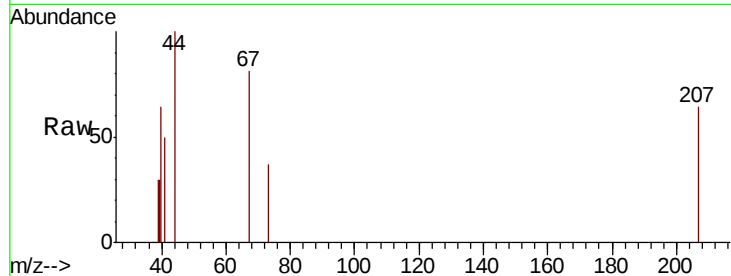




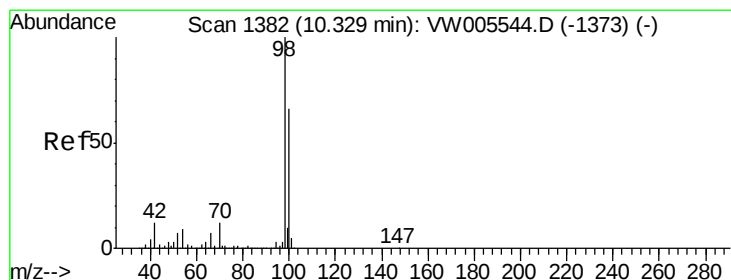
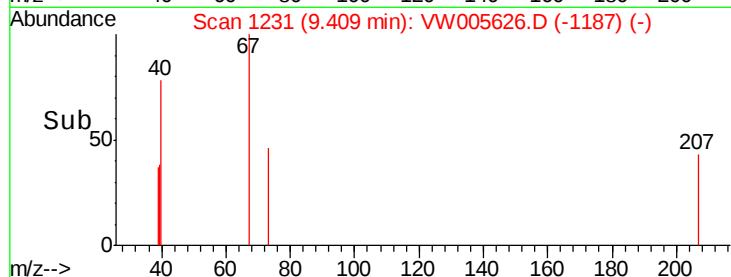
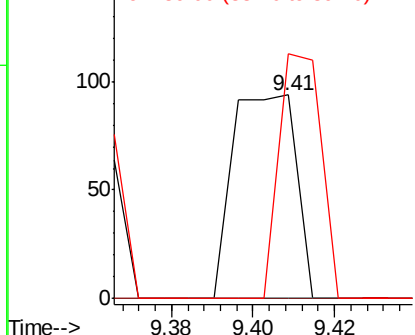
#48
Methyl methacrylate
Concen: 1.300 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

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

Tgt Ion: 41 Resp: 102
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 80.4 50.5 75.7#

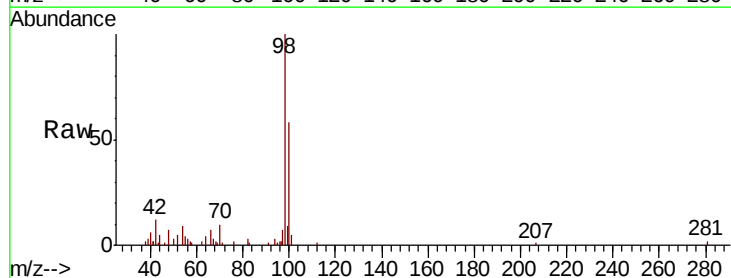


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

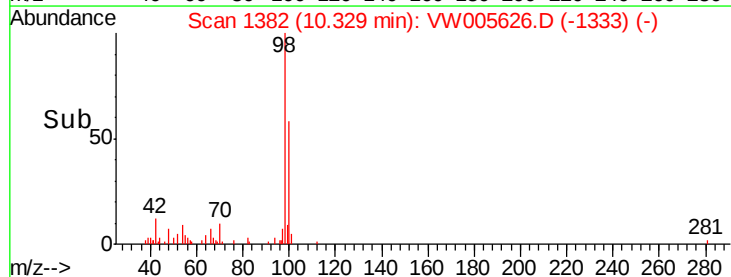
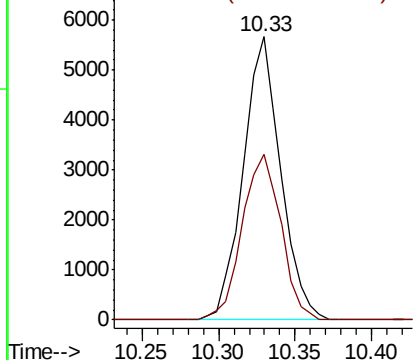


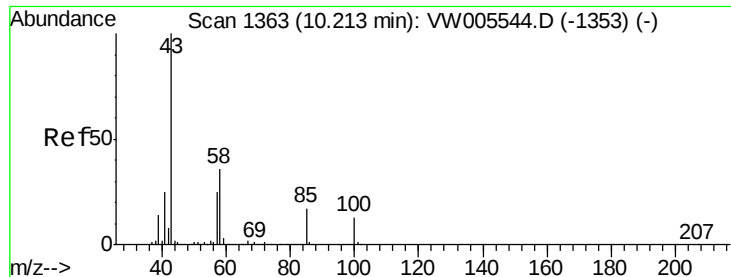
#50
Toluene-d8
Concen: 19.015 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt 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





#51

4-Methyl-2-Pentanone

Concen: 10.963 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

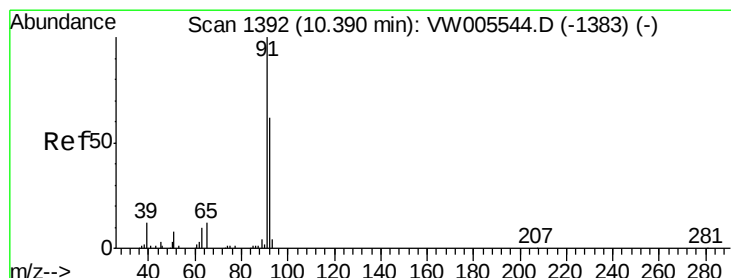
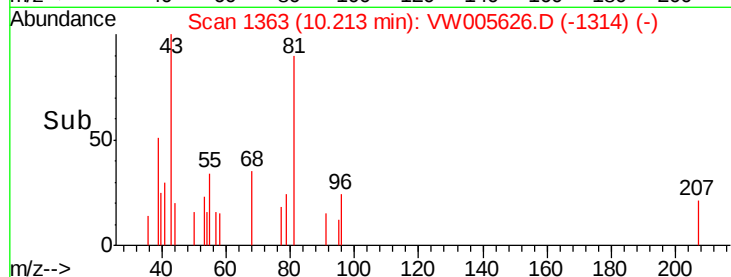
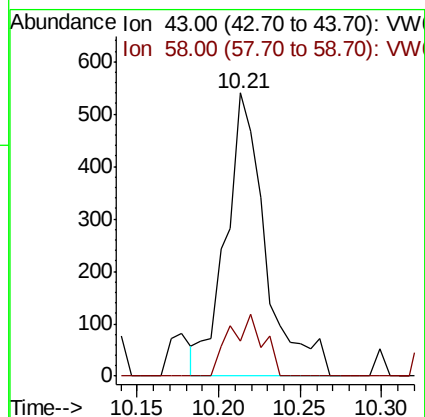
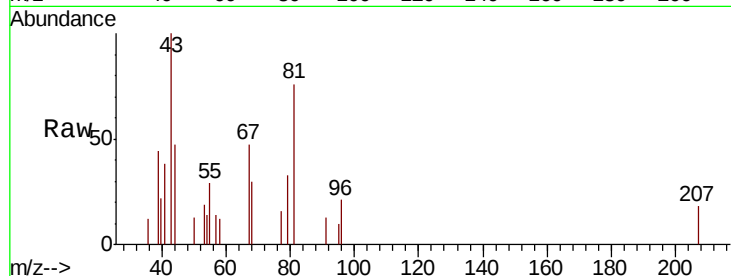
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 43 Resp: 912

Ion Ratio Lower Upper

43 100

58 19.0 30.0 45.0#



#52

Toluene

Concen: 1024.973 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005626.D

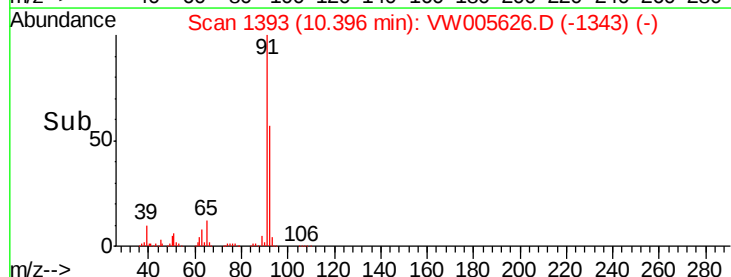
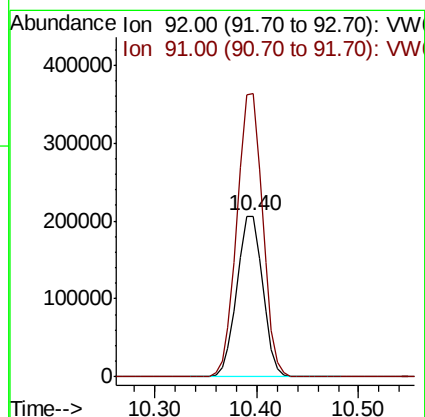
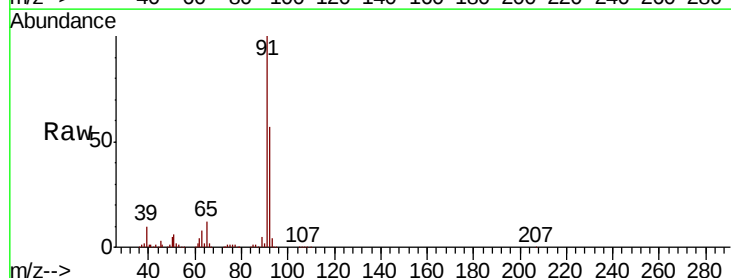
Acq: 25 Sep 2018 21:45

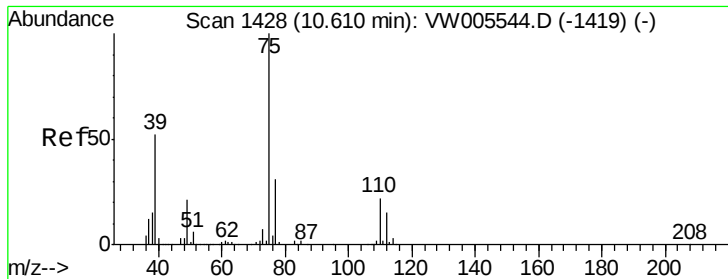
Tgt Ion: 92 Resp: 361722

Ion Ratio Lower Upper

92 100

91 174.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.314 ug/l

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

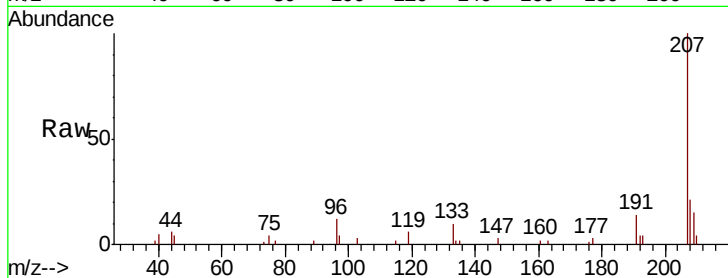
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion: 75 Resp: 246

Ion Ratio Lower Upper

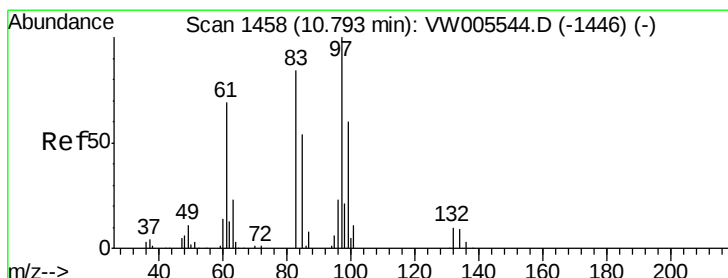
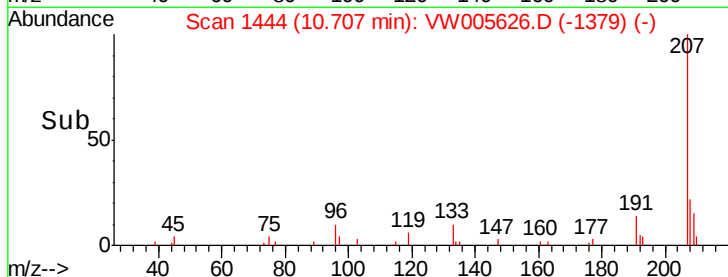
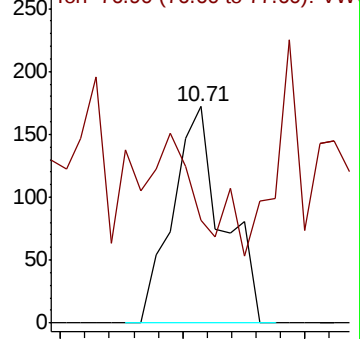
75 100

77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 3.881 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Tgt Ion: 97 Resp: 383

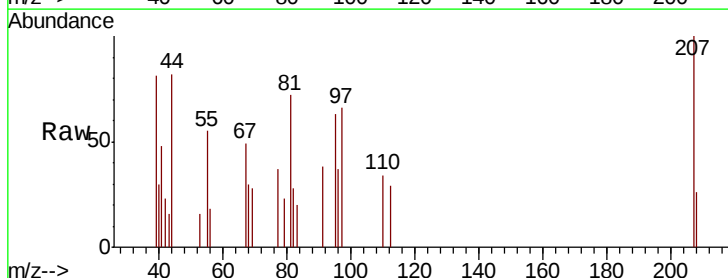
Ion Ratio Lower Upper

97 100

83 31.0 67.4 101.2#

85 0.0 43.3 64.9#

99 0.0 48.0 72.0#

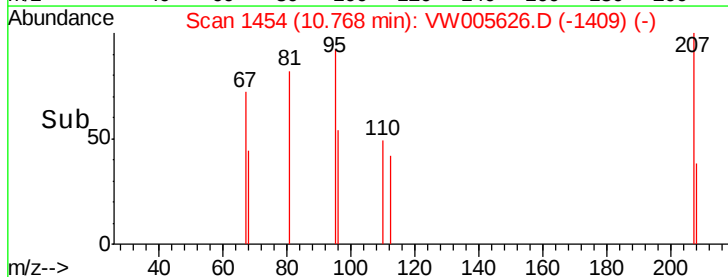
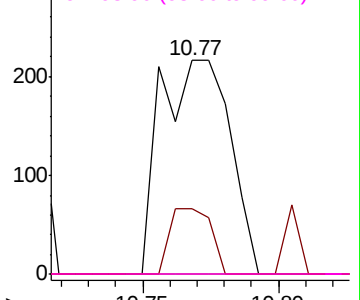


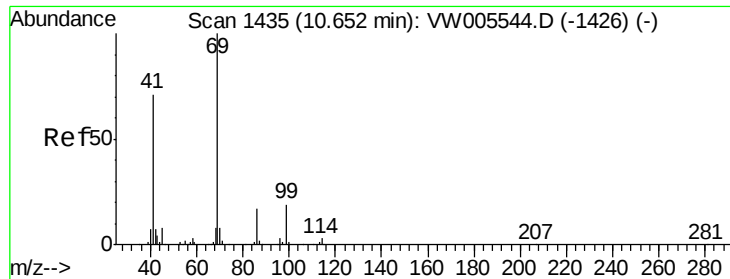
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 5.680 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

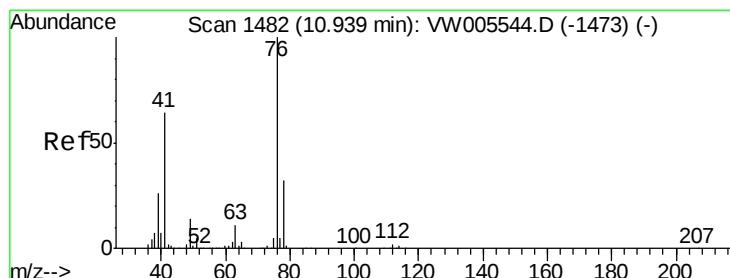
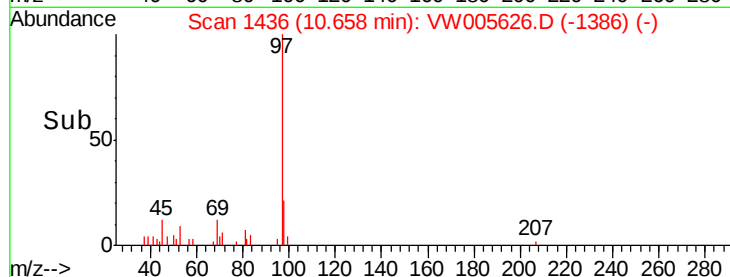
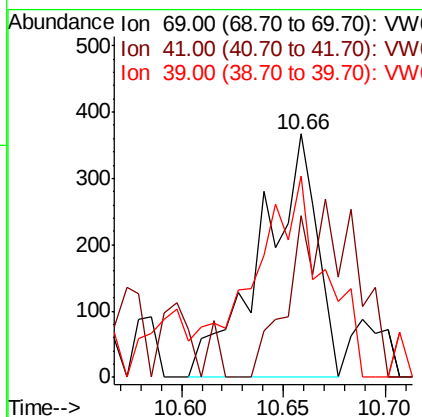
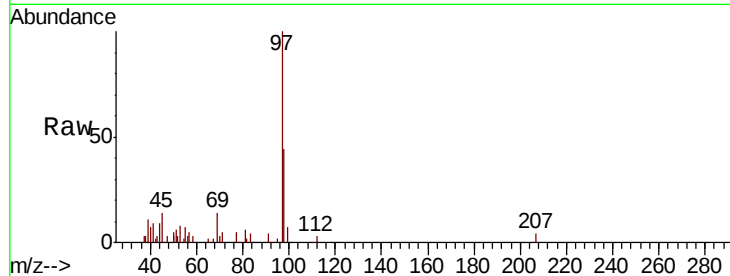
Instrument :

MSVOA_W

ClientSampleId :

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

Tgt Ion:	69	Resp:	692
Ion	Ratio	Lower	Upper
69	100		
41	82.8	57.3	85.9
39	0.0	29.2	43.8#



#57

1,3-Dichloropropane

Concen: 1.321 ug/l

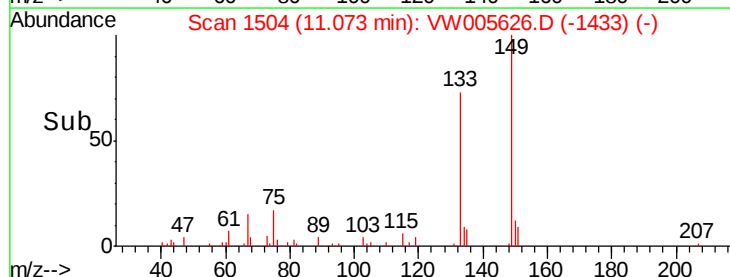
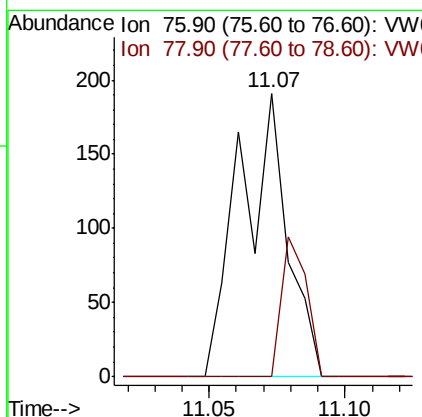
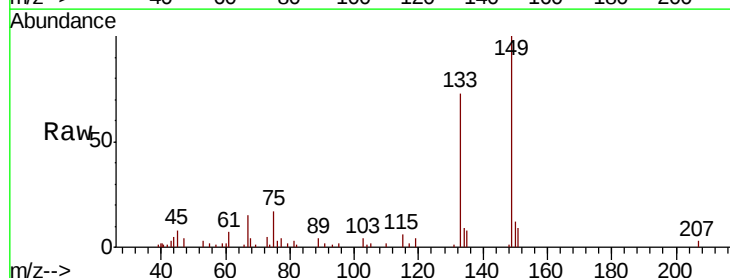
RT: 11.07 min Scan# 1504

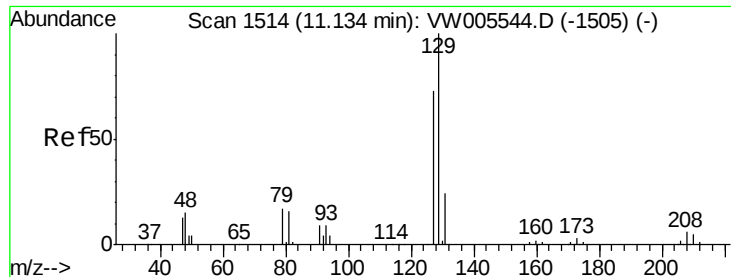
Delta R.T. 0.13 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Tgt Ion:	76	Resp:	231
Ion	Ratio	Lower	Upper
76	100		
78	26.0	25.6	38.4

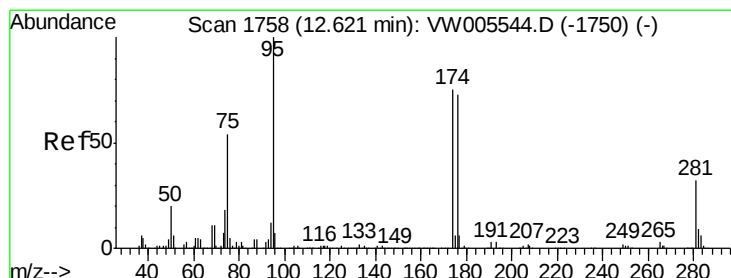
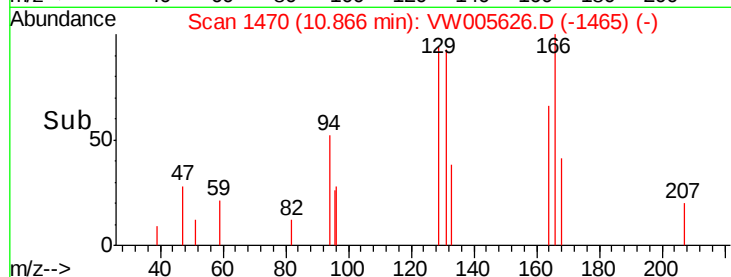
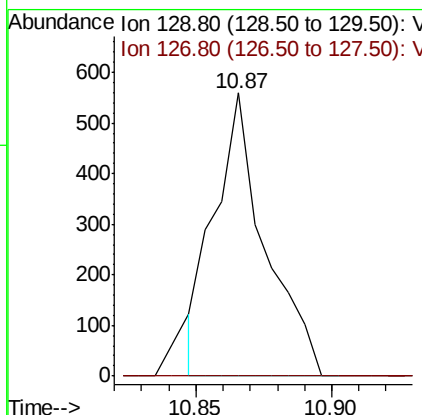
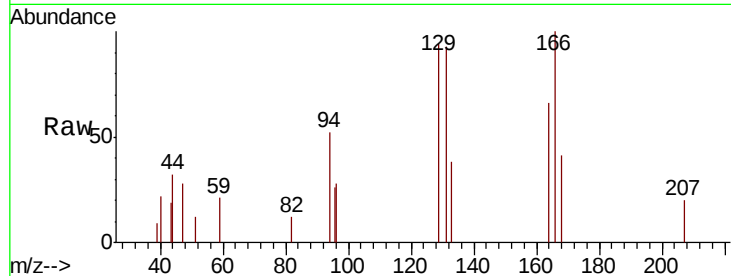




#60
 Dibromochloromethane
 Concen: 6.055 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

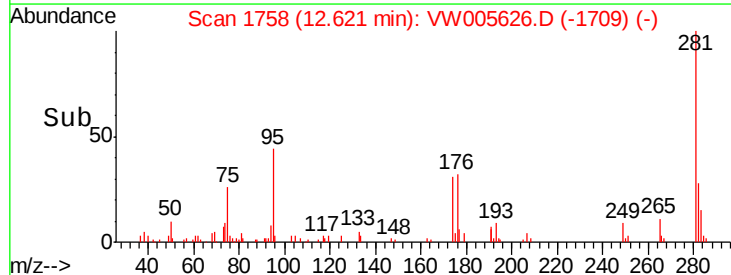
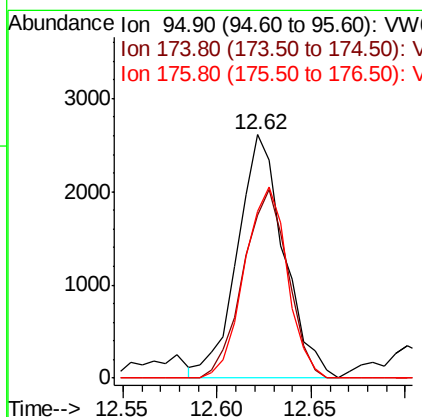
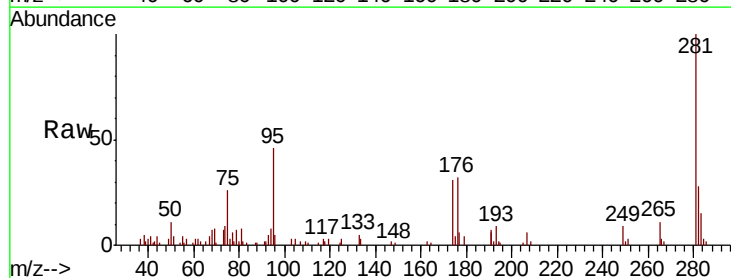
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

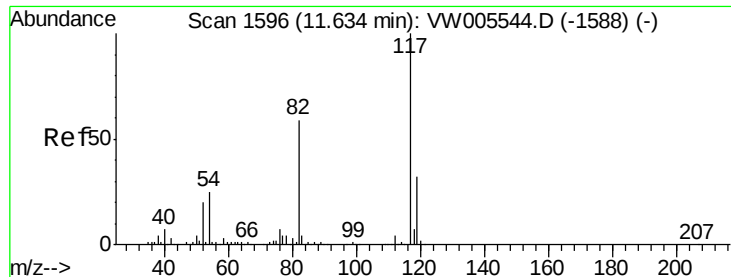
Tgt Ion: 129 Resp: 722
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#



#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

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

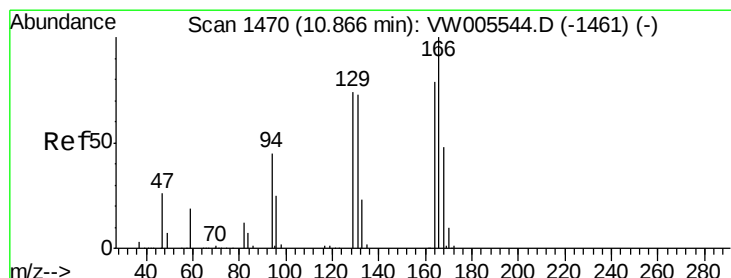
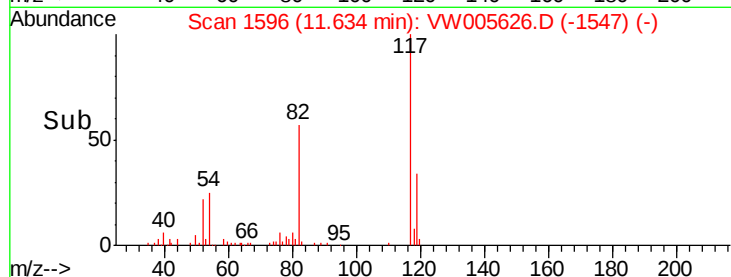
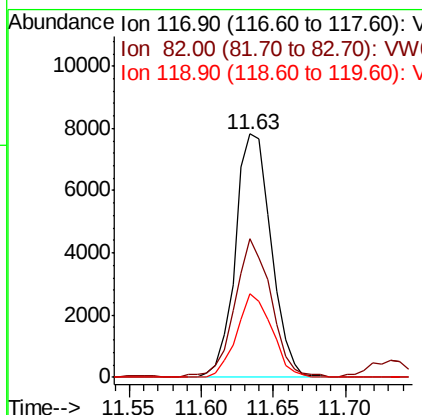
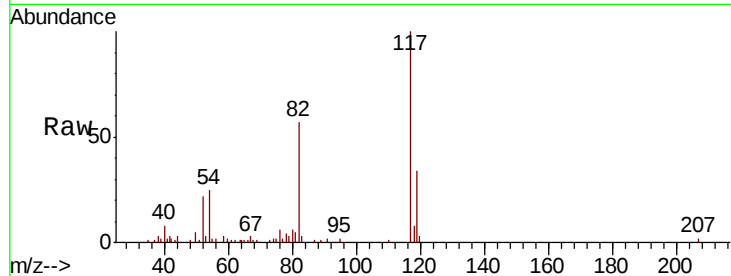




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

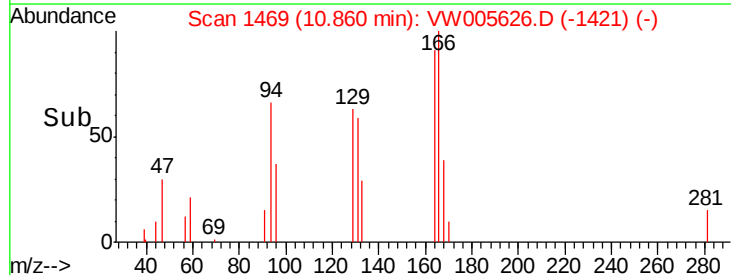
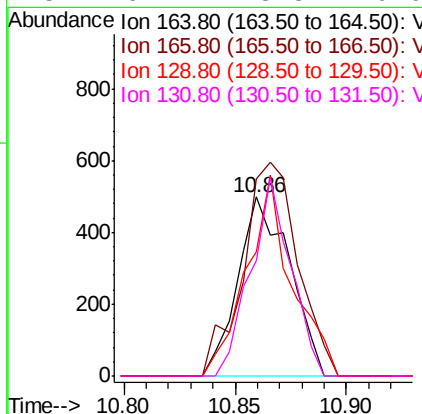
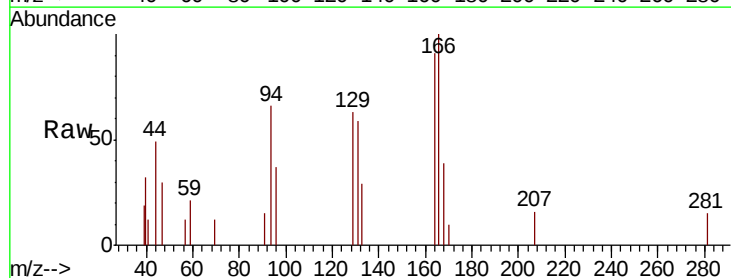
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

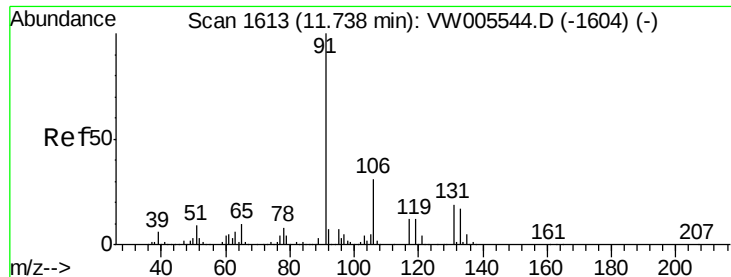
Tgt Ion:117 Resp: 13544
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 34.3 25.7 38.5



#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

Tgt 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#

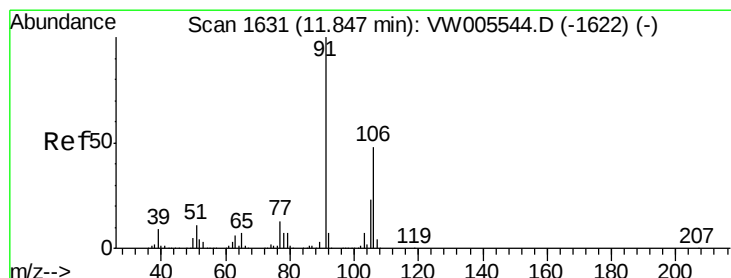
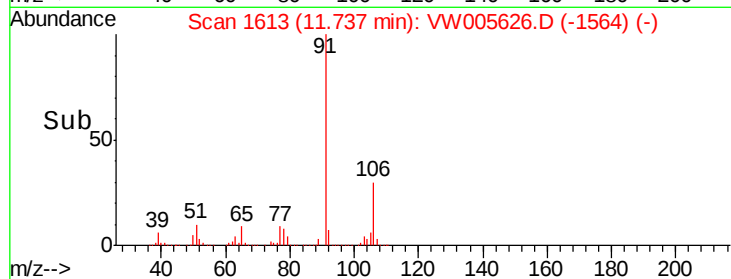
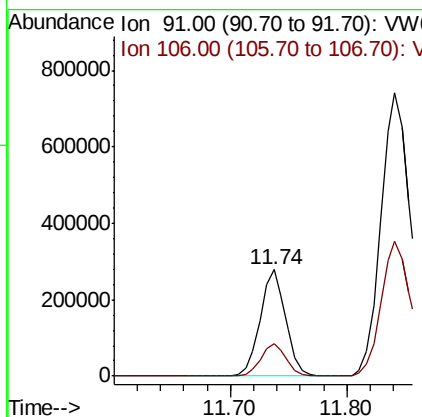
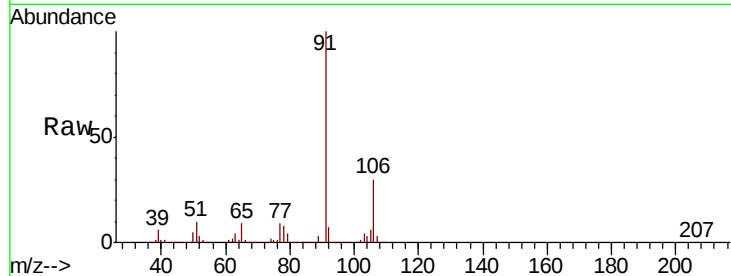




#67
Ethyl Benzene
Concen: 829.899 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

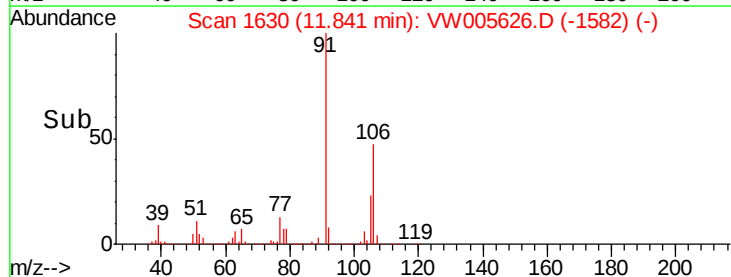
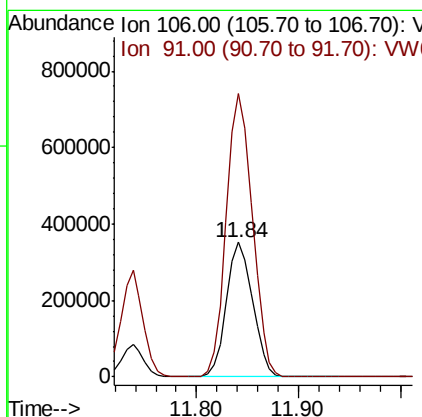
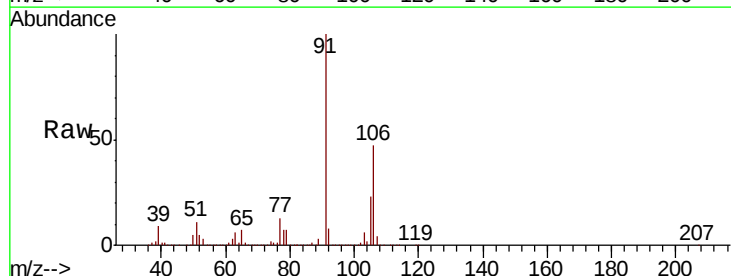
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

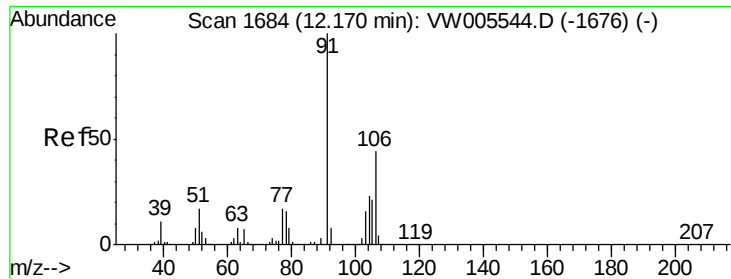
Tgt Ion: 91 Resp: 423543
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#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

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

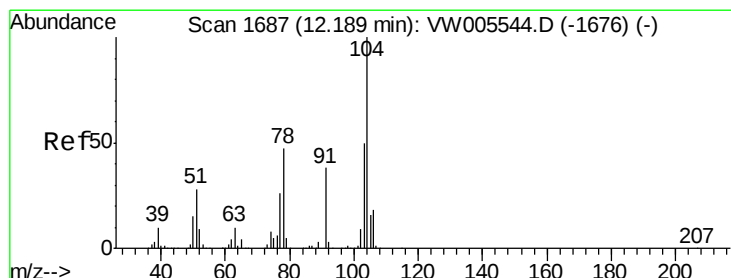
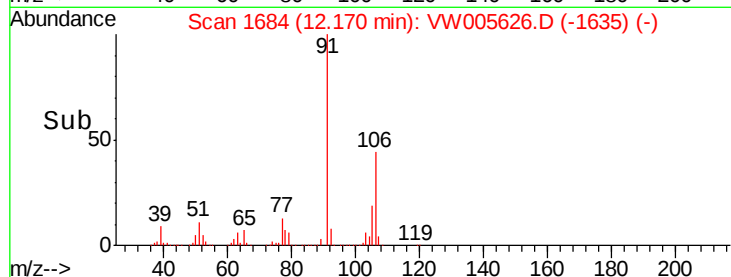
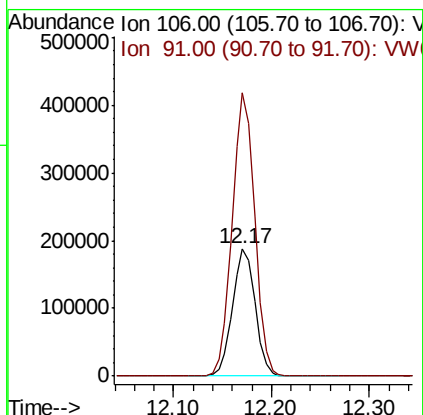
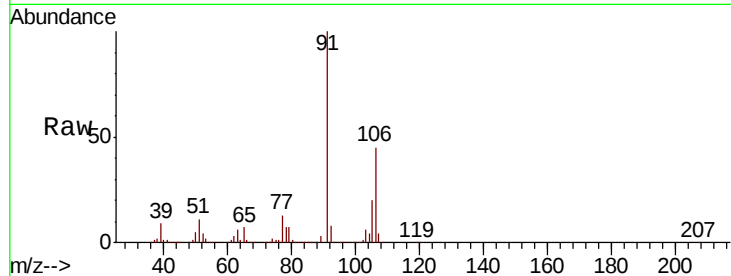




#69
o-Xylene
Concen: 1666.715 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

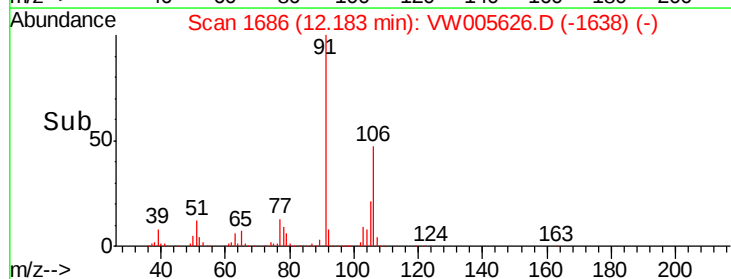
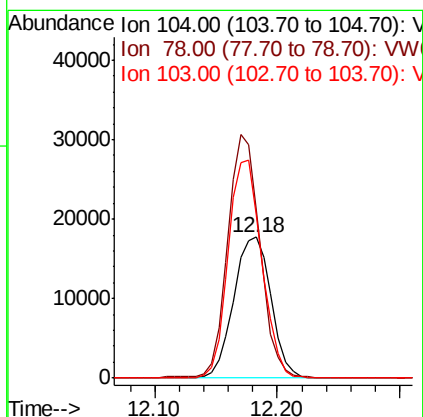
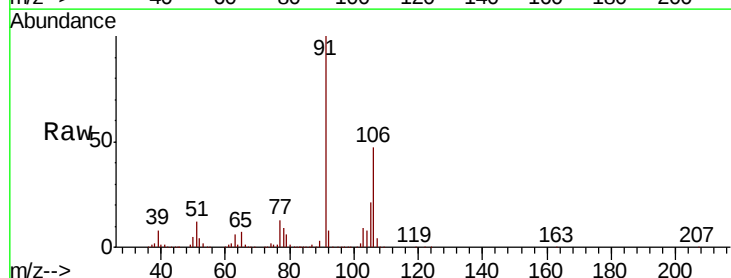
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

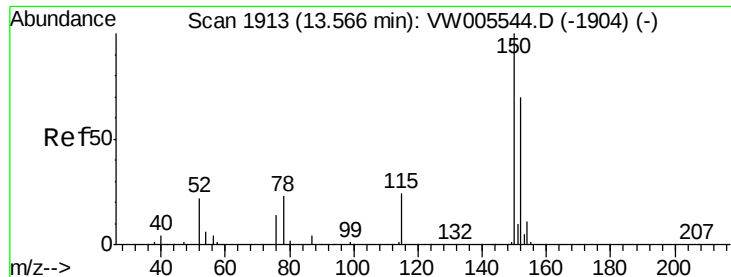
Tgt Ion:106 Resp: 300972
Ion Ratio Lower Upper
106 100
91 221.7 111.0 333.0



#70
Styrene
Concen: 123.300 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:104 Resp: 37470
Ion Ratio Lower Upper
104 100
78 148.3 42.2 63.4#
103 137.8 44.6 66.8#



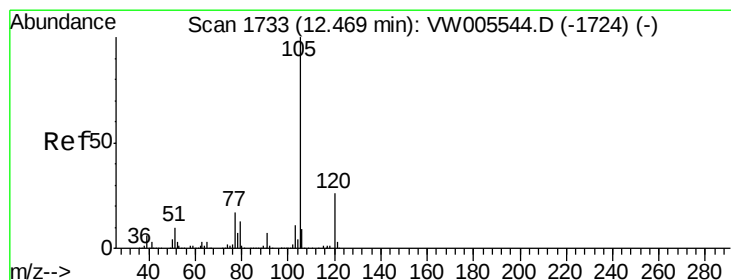
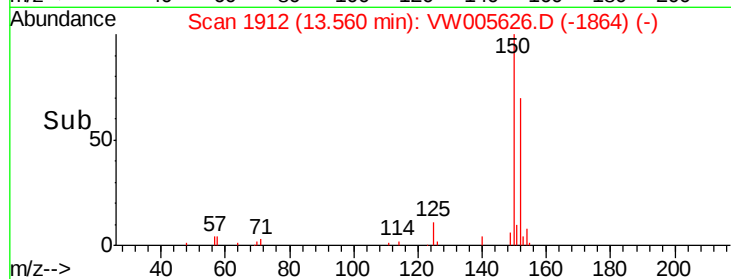
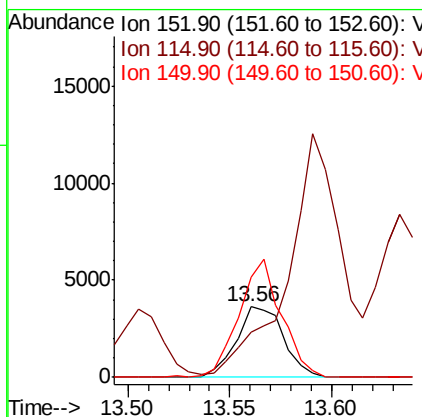
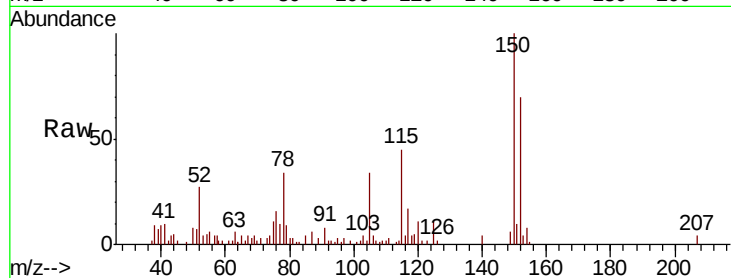


#72

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-

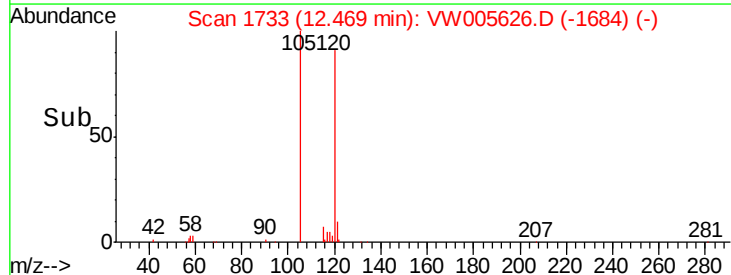
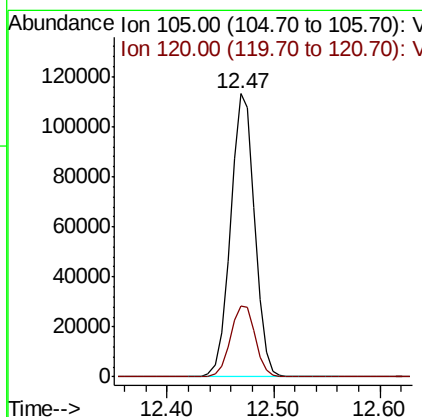
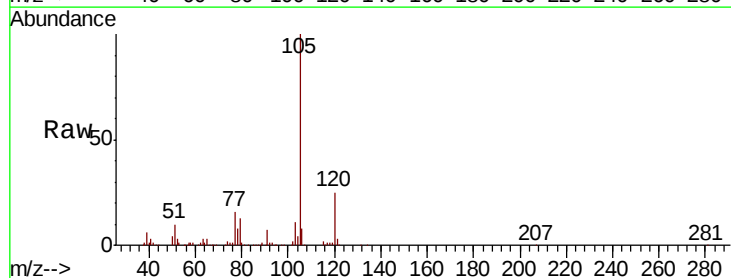
Tgt Ion:152 Resp: 5830
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 151.0 0.0 348.6

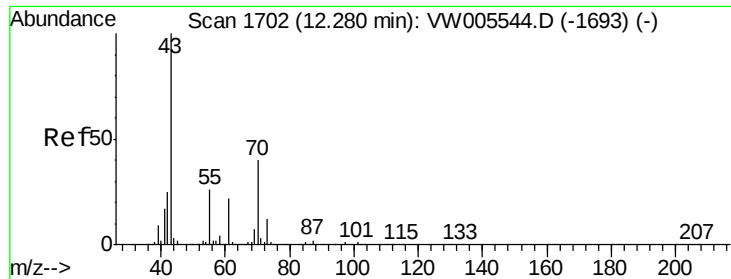


#73

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

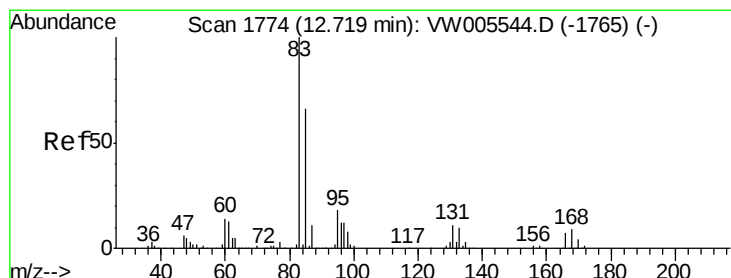
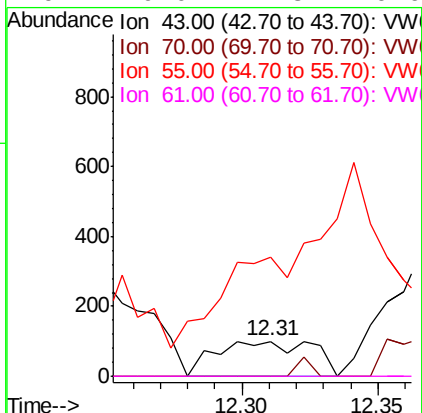
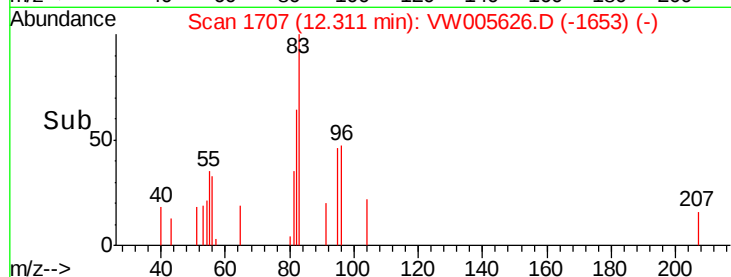
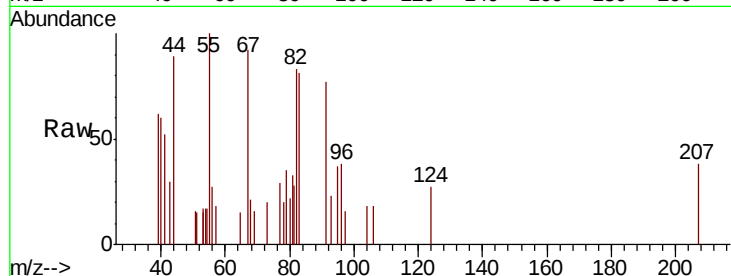




#74
N-amyI acetate
Concen: 2.720 ug/l
RT: 12.31 min Scan# 1707
Delta R.T. 0.03 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

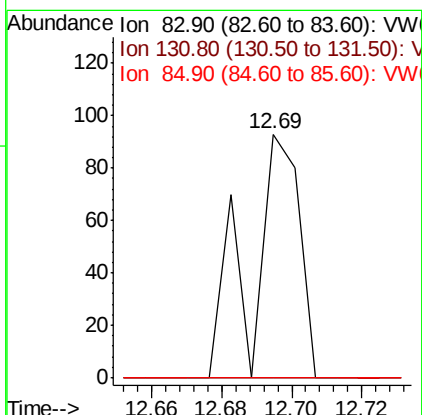
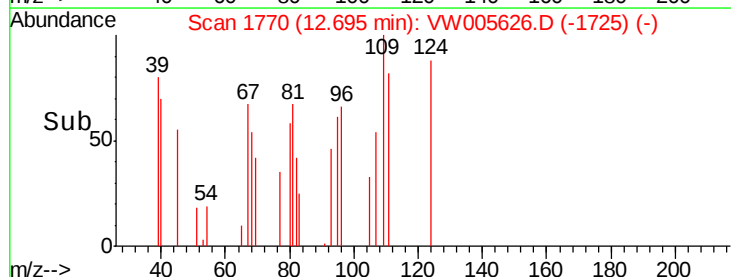
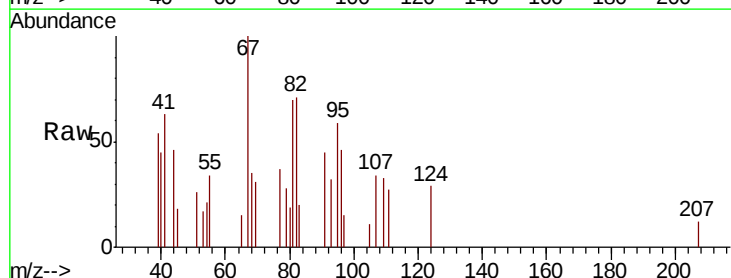
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

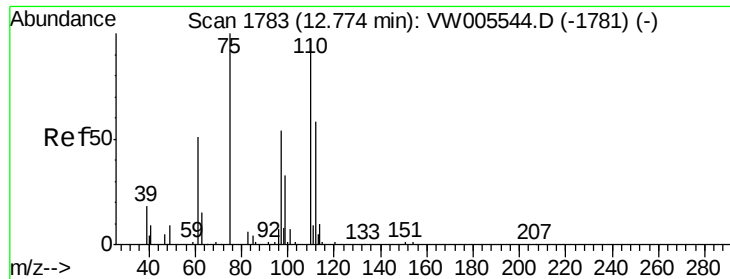
Tgt Ion:	43	Resp:	249
Ion	Ratio	Lower	Upper
43	100		
70	8.4	31.4	47.0#
55	0.0	20.9	31.3#
61	0.0	17.8	26.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.325 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion:	83	Resp:	89
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	0.0	32.4	97.0#

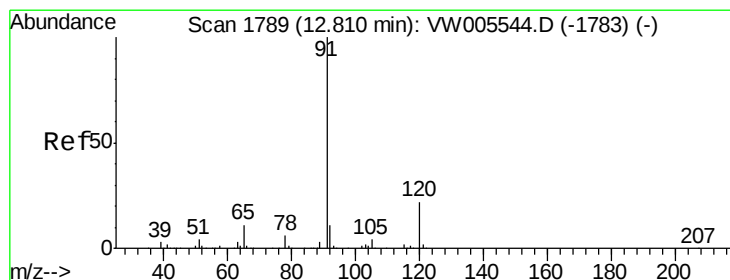
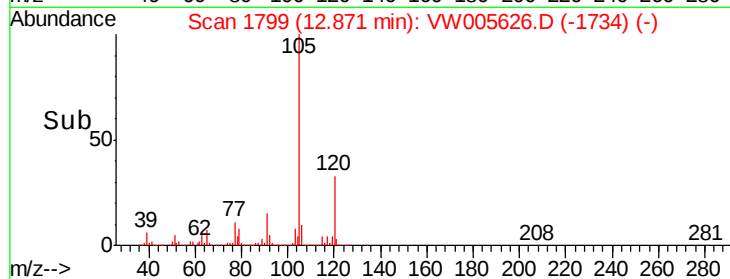
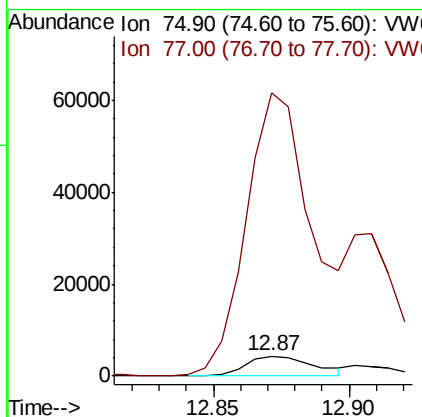
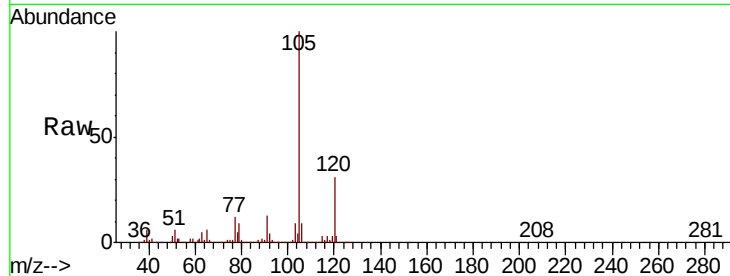




#76
 1,2,3-Trichloropropane
 Concen: 153.933 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. 0.10 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

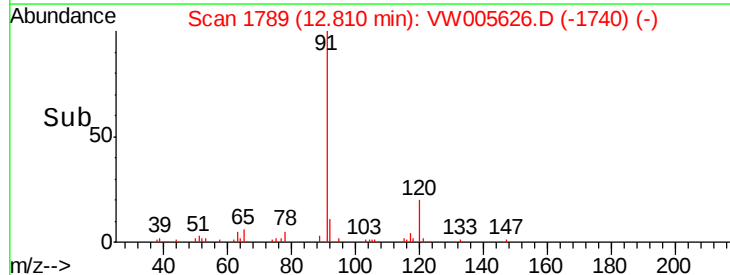
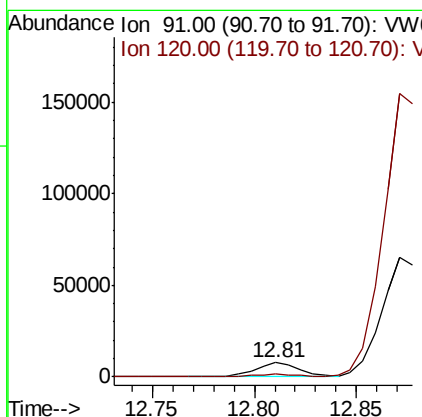
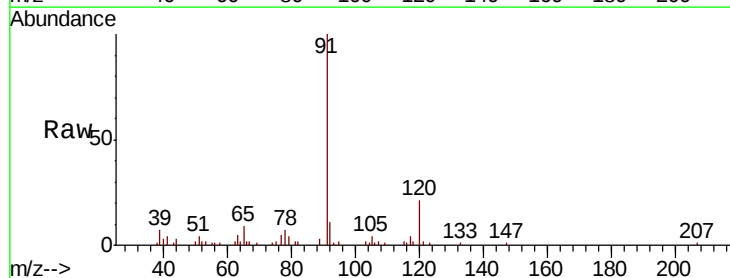
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

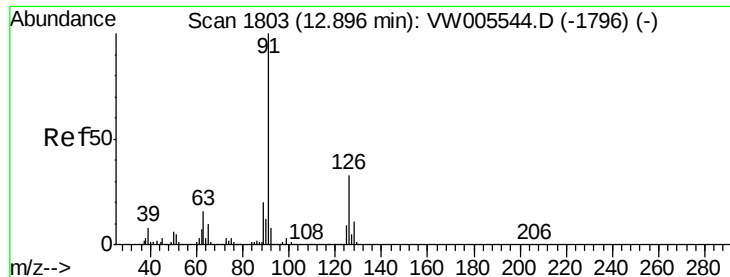
Tgt Ion: 75 Resp: 7650
 Ion Ratio Lower Upper
 75 100
 77 1351.4 0.0 0.0#



#78
 n-propylbenzene
 Concen: 22.847 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion: 91 Resp: 11183
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.2 33.5#

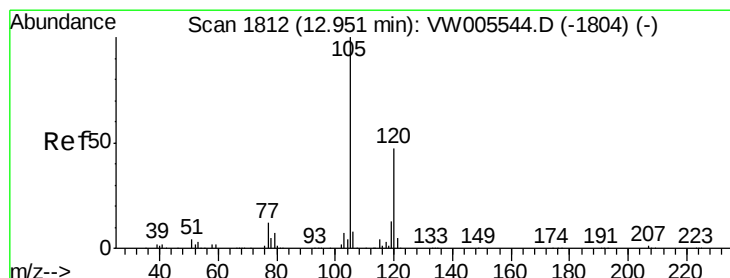
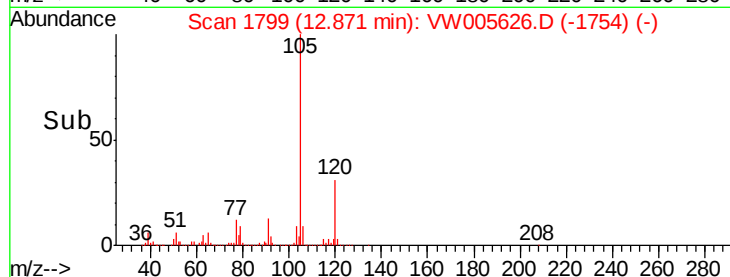
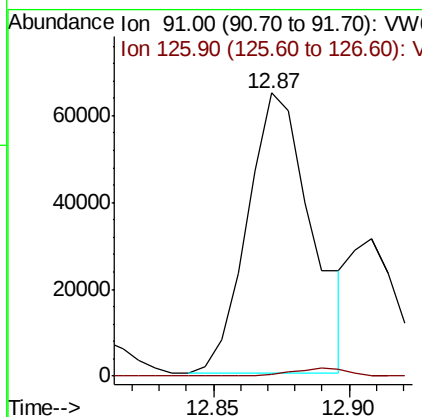
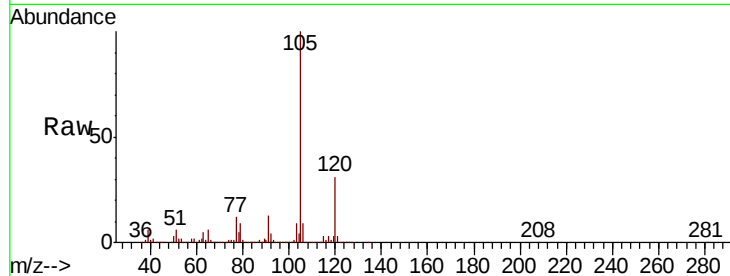




#79
 2-Chlorotoluene
 Concen: 375.916 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

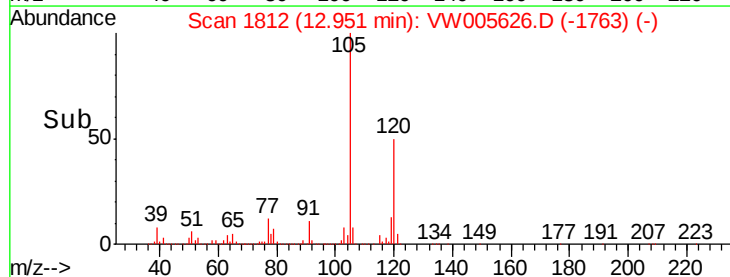
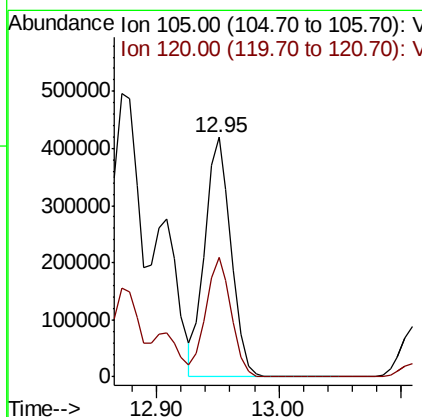
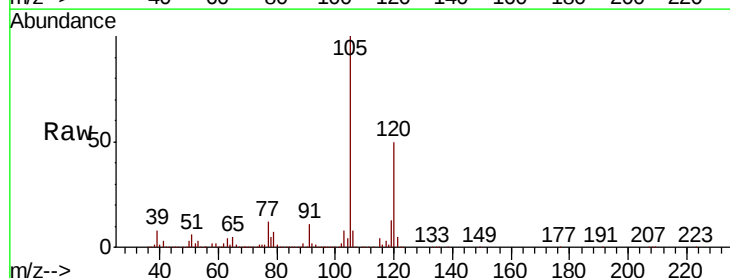
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

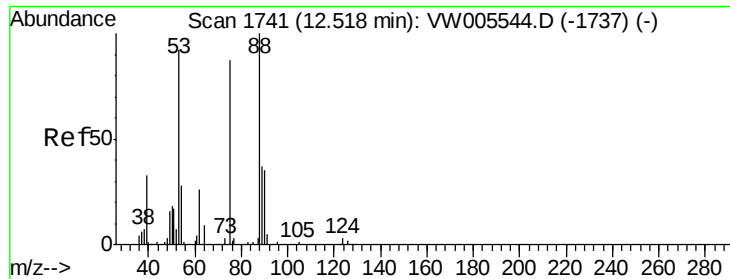
Tgt Ion: 91 Resp: 106455
 Ion Ratio Lower Upper
 91 100
 126 2.6 16.4 49.1#



#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

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

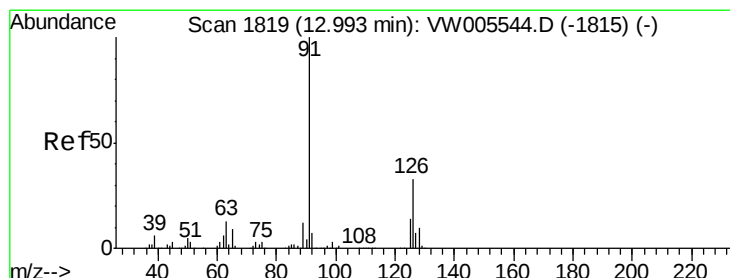
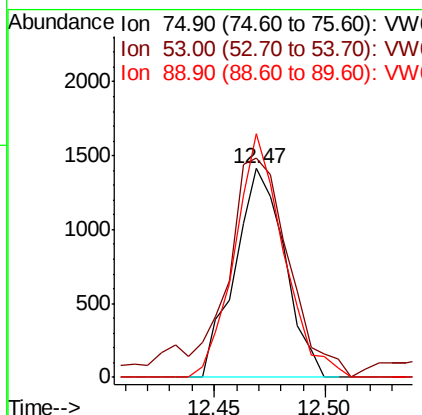
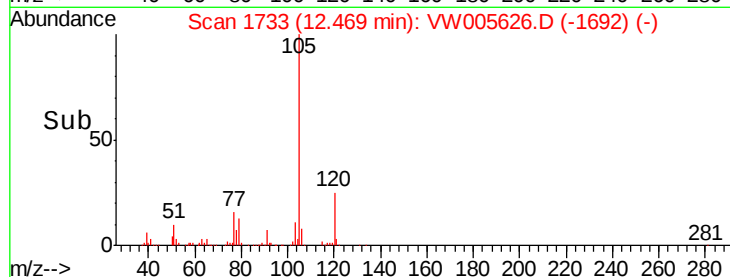
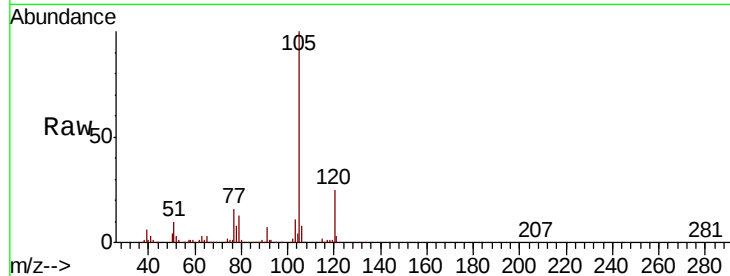




#81
trans-1,4-Dichloro-2-butene
Concen: 99.751 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

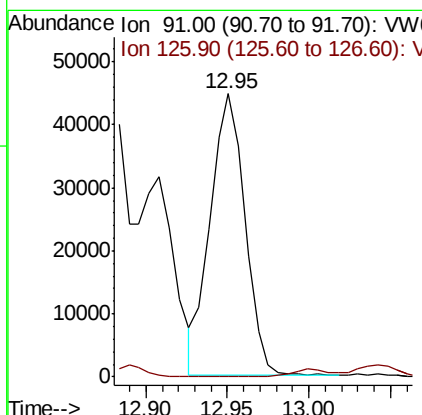
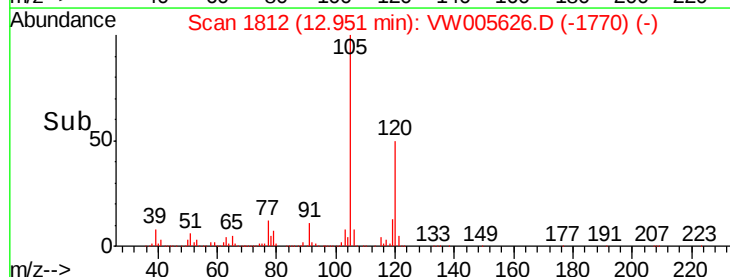
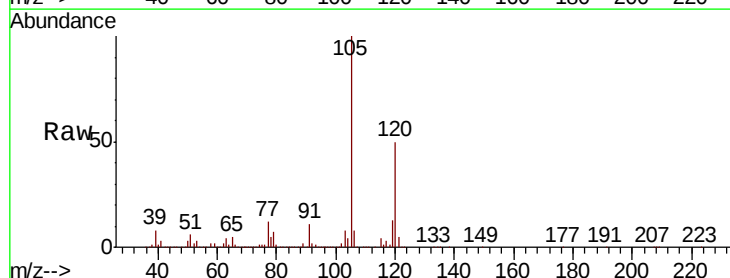
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

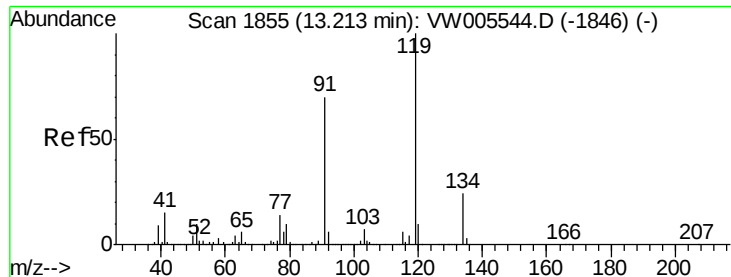
Tgt Ion: 75 Resp: 2201
Ion Ratio Lower Upper
75 100
53 134.8 85.8 128.6#
89 114.5 37.3 55.9#



#82
4-Chlorotoluene
Concen: 222.566 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.04 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion: 91 Resp: 66594
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#

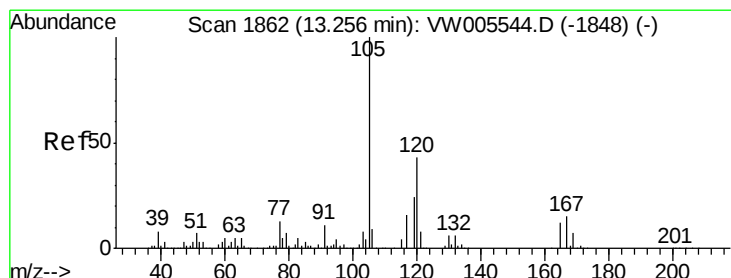
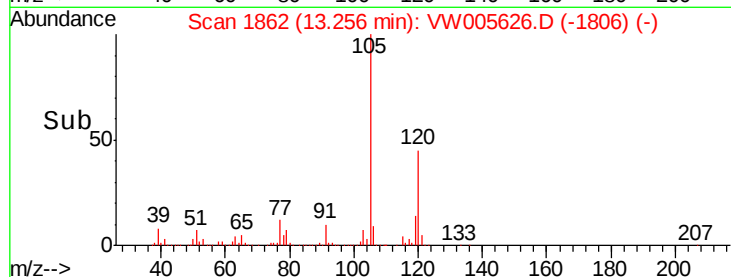
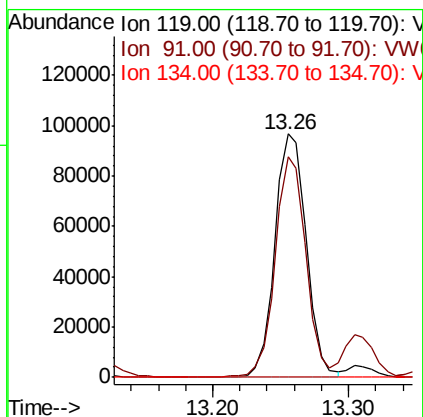
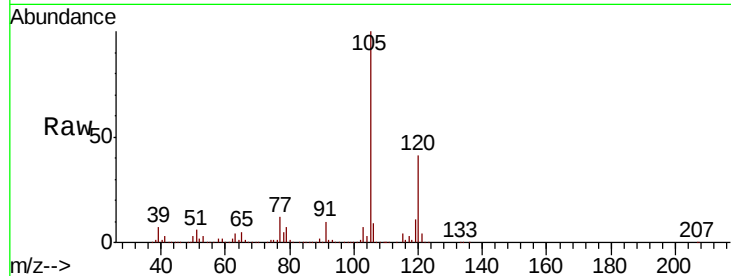




#83
 tert-Butylbenzene
 Concen: 525.984 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

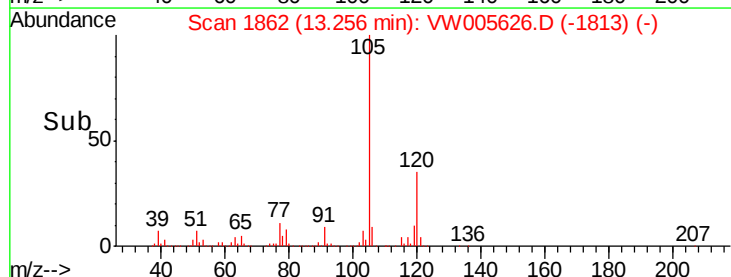
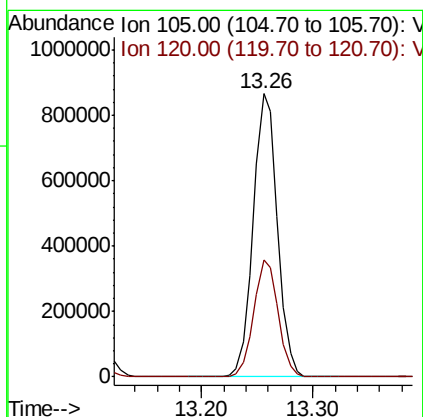
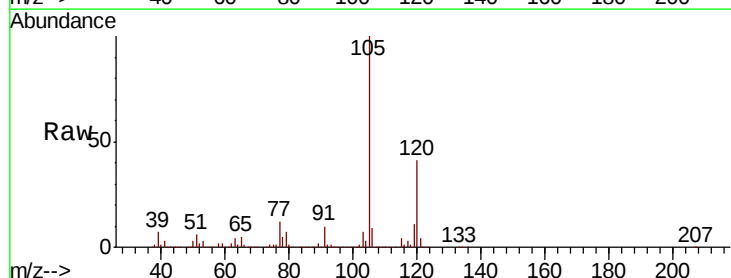
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

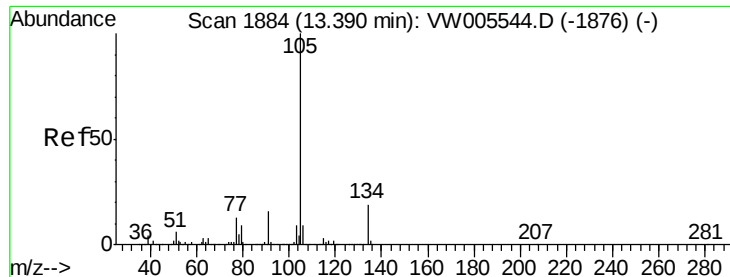
Tgt Ion:119 Resp: 155348
 Ion Ratio Lower Upper
 119 100
 91 88.2 34.6 103.8
 134 0.0 12.6 37.6#



#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





#85

sec-Butylbenzene

Concen: 3051.591 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.13 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

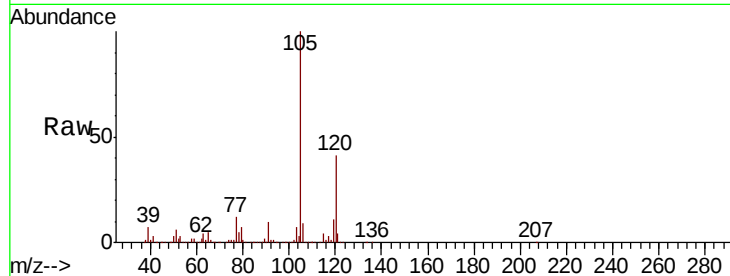
2018-NYSEG-CLARK-PH4-AREA-9-

Tgt Ion:105 Resp: 1307143

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

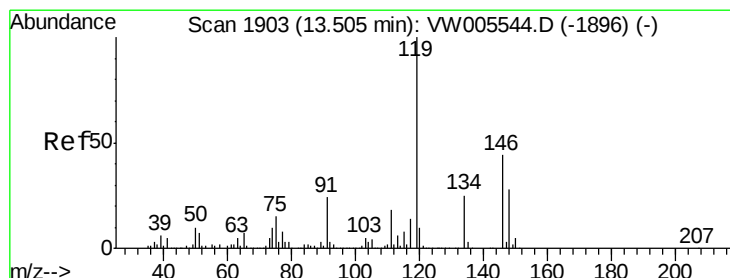
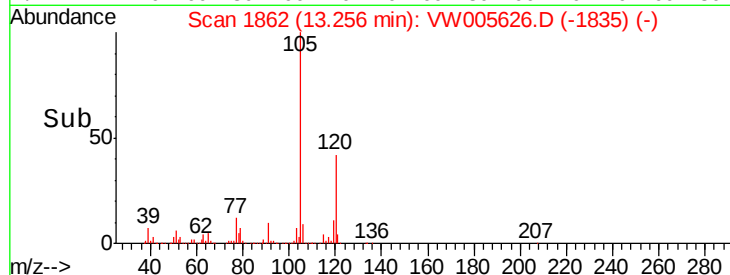
400000

200000

0

13.20 13.30

Time-->



#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

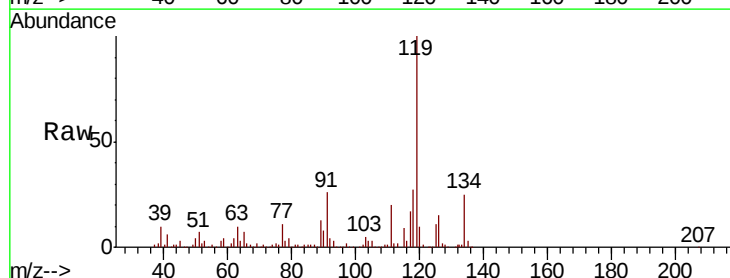
Tgt Ion:119 Resp: 69283

Ion Ratio Lower Upper

119 100

134 21.7 12.7 38.1

91 27.2 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

80000

60000

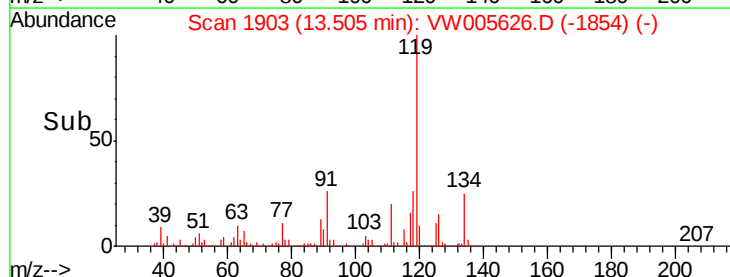
40000

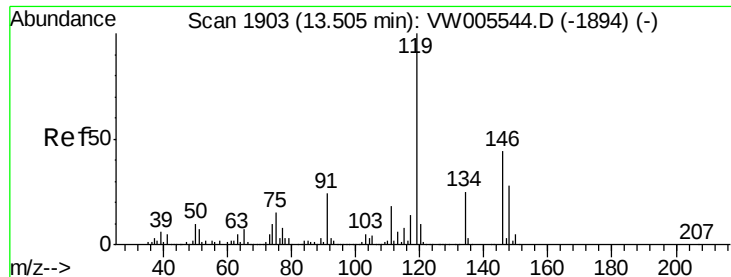
20000

0

13.45 13.50 13.55

Time-->

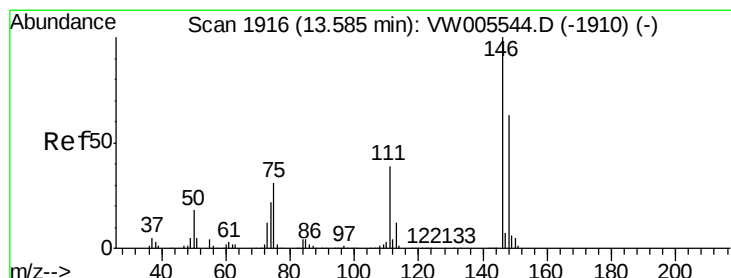
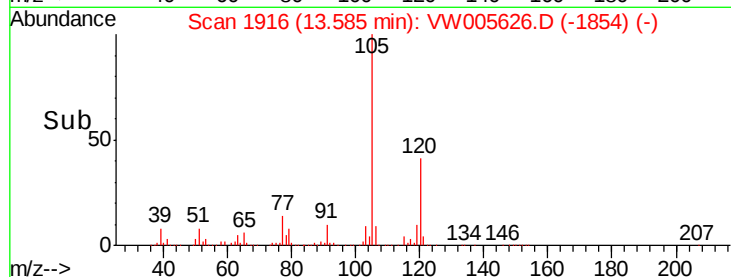
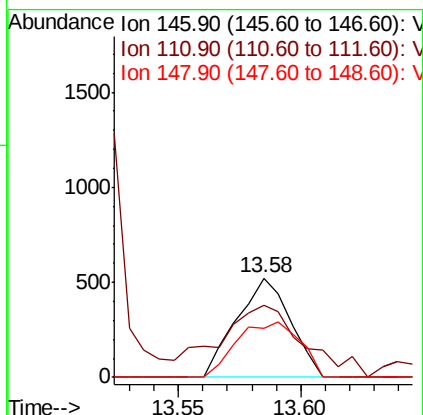
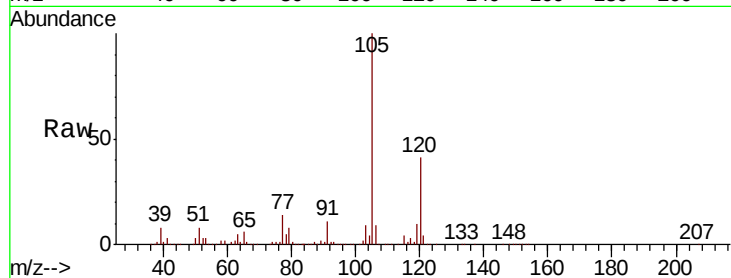




#87
 1,3-Dichlorobenzene
 Concen: 4.134 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.08 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

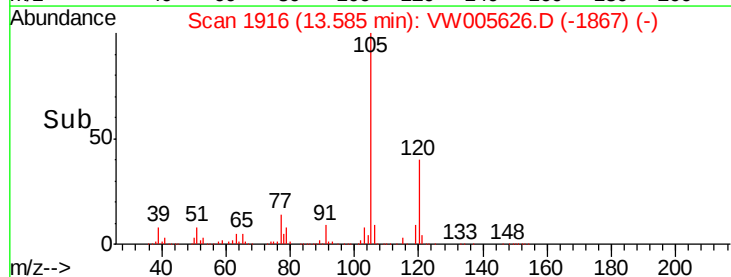
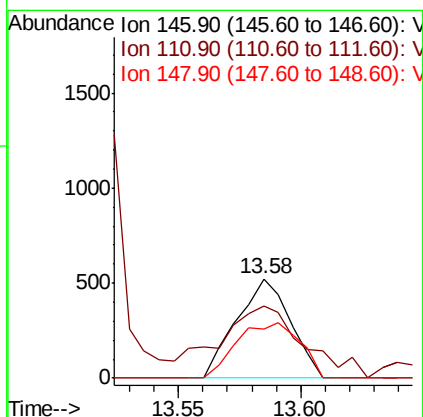
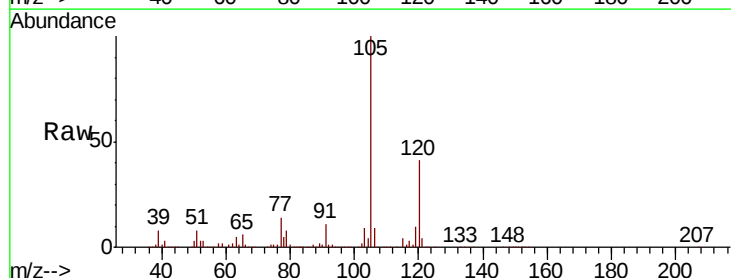
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

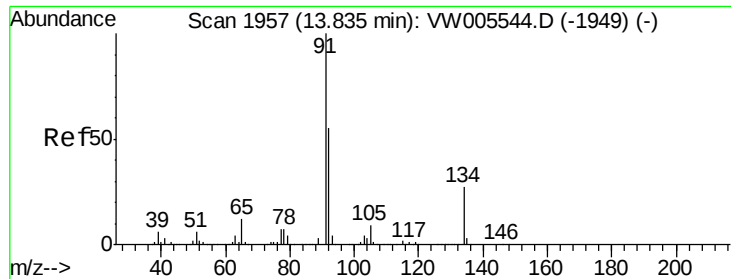
Tgt Ion:146 Resp: 801
 Ion Ratio Lower Upper
 146 100
 111 114.0 20.3 60.9#
 148 66.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 4.157 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005626.D
 Acq: 25 Sep 2018 21:45

Tgt Ion:146 Resp: 801
 Ion Ratio Lower Upper
 146 100
 111 114.0 19.9 59.7#
 148 66.3 32.1 96.3

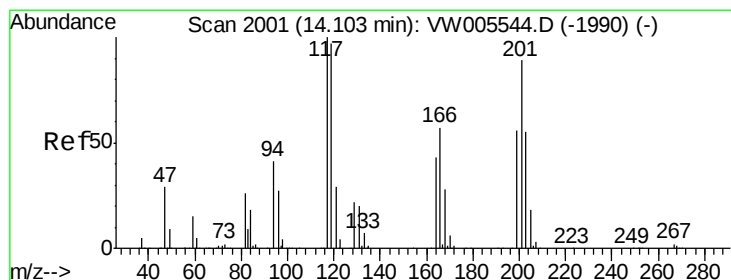
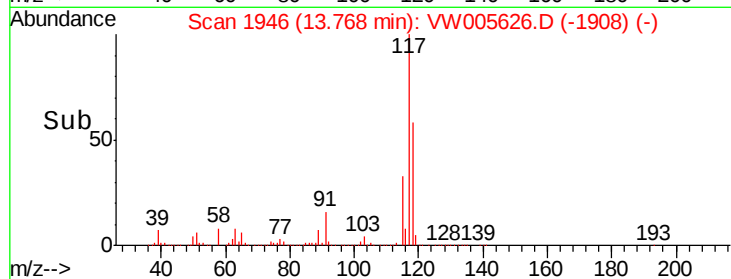
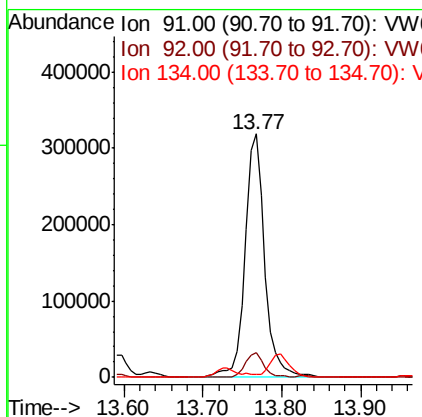
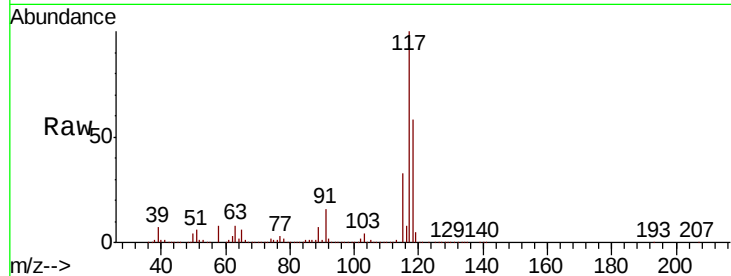




#89
n-Butylbenzene
Concen: 1514.511 ug/l
RT: 13.77 min Scan# 1946
Delta R.T. -0.07 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

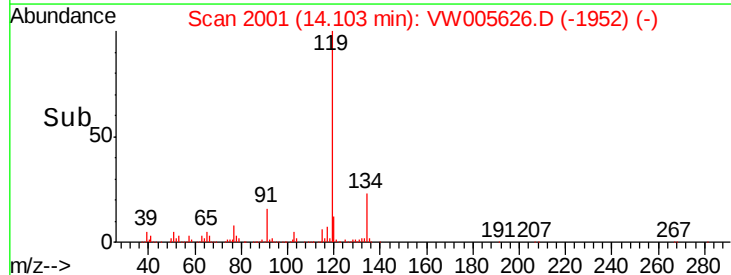
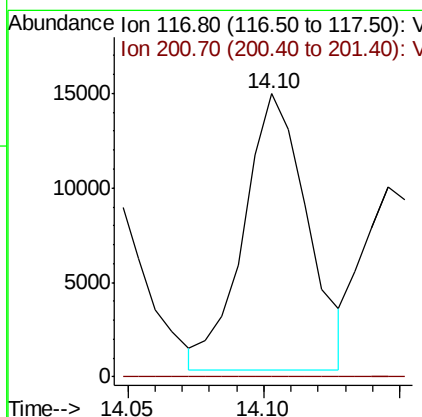
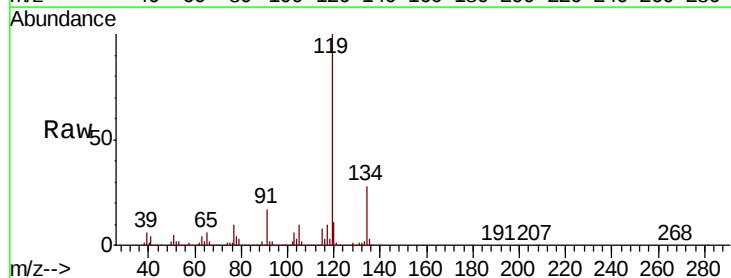
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

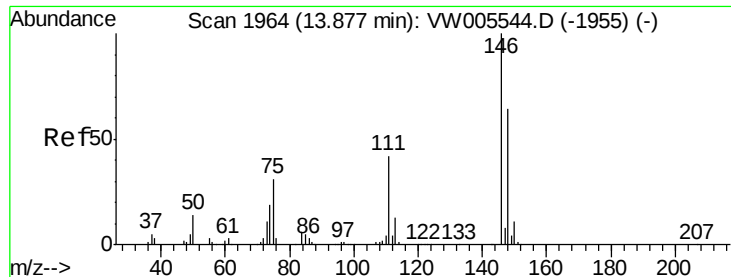
Tgt Ion: 91 Resp: 548467
Ion Ratio Lower Upper
91 100
92 10.2 26.5 79.5#
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 341.798 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

Tgt Ion: 117 Resp: 23785
Ion Ratio Lower Upper
117 100
201 0.0 42.8 128.3#





#91

1,2-Dichlorobenzene

Concen: 2.841 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

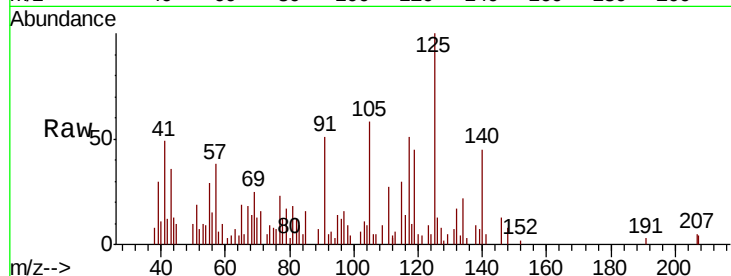
Instrument :

MSVOA_W

ClientSampleId :

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

Tgt Ion:	146	Resp:	486
Ion	Ratio	Lower	Upper
146	100		
111	433.7	21.3	63.9#
148	59.7	32.0	96.2

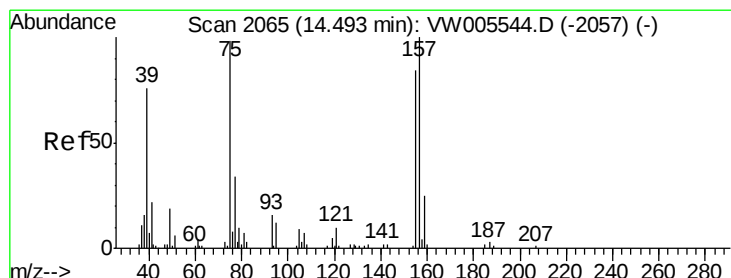
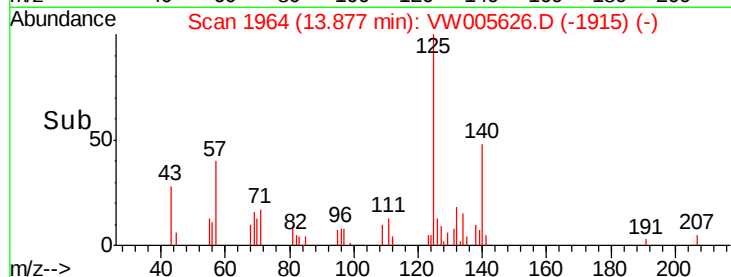
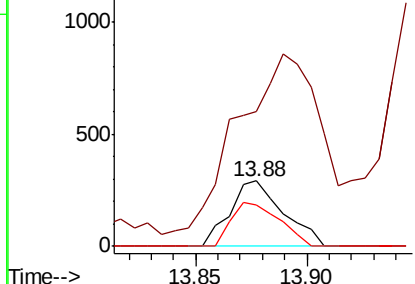


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1829.206 ug/l

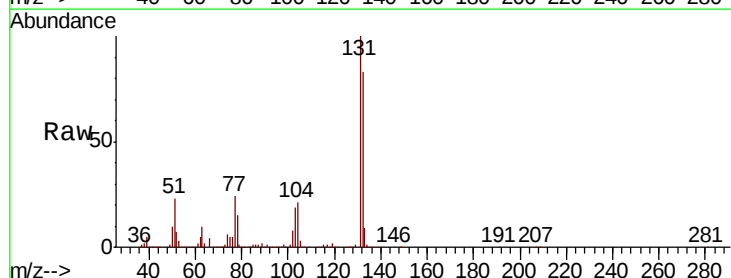
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005626.D

Acq: 25 Sep 2018 21:45

Tgt Ion:	75	Resp:	23404
Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.1	117.5#
157	0.0	50.8	152.4#

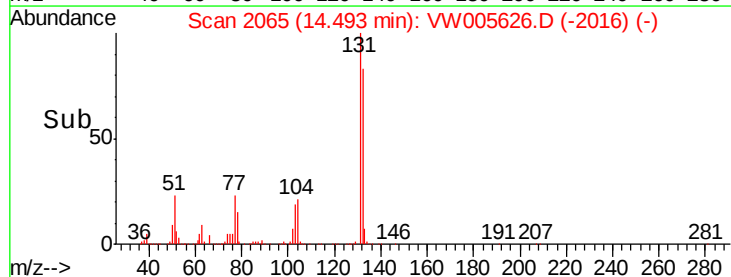
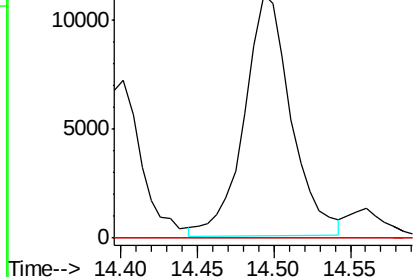


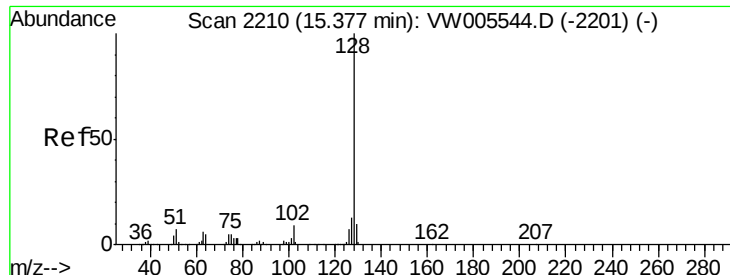
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

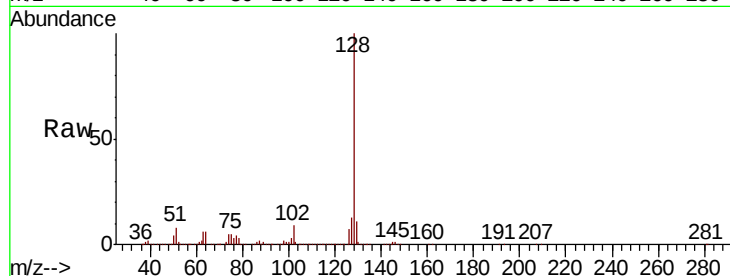




#95
Naphthalene
Concen: 13817.196 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005626.D
Acq: 25 Sep 2018 21:45

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

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



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

