

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005599.D
 Acq On : 24 Sep 2018 21:22
 Operator : VA/AP
 Sample : J5042-04
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 25 05:00:08 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	1843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	2489	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.64	117	2611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1581	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	47487	2187.14	ug/l	0.00
Spiked Amount						
						Recovery = 4374.28%
35) Dibromofluoromethane	7.89	113	39982	2554.38	ug/l	0.00
Spiked Amount						
						Recovery = 5108.76%
50) Toluene-d8	10.33	98	102777	1612.62	ug/l	0.00
Spiked Amount						
						Recovery = 3225.24%
62) 4-Bromofluorobenzene	12.63	95	35710	1514.24	ug/l	0.00
Spiked Amount						
						Recovery = 3028.48%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26	Below Cal	#	41
3) Chloromethane	2.21	50	147	9.922	ug/l #	42
4) Vinyl Chloride	2.37	62	1993	112.542	ug/l	99
5) Bromomethane	2.80	94	60	5.014	ug/l #	4
6) Chloroethane	2.88	64	93	8.184	ug/l #	42
8) Diethyl Ether	3.68	74	262	28.958	ug/l	56
11) Tert butyl alcohol	5.20	59	574	514.537	ug/l #	72
12) 1,1-Dichloroethene	4.15	96	39	2.323	ug/l #	1
13) Acrolein	4.13	56	21	9.050	ug/l #	1
14) Allyl chloride	4.66	41	82	2.799	ug/l #	21
15) Acrylonitrile	5.37	53	382	95.094	ug/l #	51
16) Acetone	4.14	43	11506	3493.375	ug/l	98
17) Carbon Disulfide	4.38	76	4472	85.271	ug/l #	94
18) Methyl Acetate	4.68	43	786	76.381	ug/l #	60
19) Methyl tert-butyl Ether	5.45	73	53	2.046	ug/l #	21
20) Methylene Chloride	4.92	84	15946	954.134	ug/l	90
21) trans-1,2-Dichloroethene	5.24	96	30	1.632	ug/l #	1
23) Vinyl Acetate	6.09	43	46	1.415	ug/l #	74
25) 2-Butanone	7.20	43	2723	516.374	ug/l	97
26) 2,2-Dichloropropane	7.14	77	1278	52.104	ug/l #	54
27) cis-1,2-Dichloroethene	7.18	96	648	31.956	ug/l	31
29) Tetrahydrofuran	7.56	42	215	65.262	ug/l #	35
30) Chloroform	7.70	83	632	17.424	ug/l #	40
31) Cyclohexane	7.96	56	2154	63.992	ug/l #	75
36) 1,1-Dichloropropene	8.26	75	270	10.776	ug/l #	42
37) Ethyl Acetate	7.20	43	2723	258.250	ug/l #	70
38) Carbon Tetrachloride	7.95	117	75	2.793	ug/l #	12
39) Methylcyclohexane	9.34	83	7874	266.361	ug/l #	93
40) Benzene	8.33	78	426247	6004.146	ug/l	99
41) Methacrylonitrile	7.49	41	47	7.833	ug/l #	24
42) 1,2-Dichloroethane	8.33	62	3985	175.325	ug/l	79
43) Isopropyl Acetate	8.43	43	316	15.243	ug/l #	52
44) Trichloroethene	9.10	130	1703	93.718	ug/l	85
45) 1,2-Dichloropropane	9.34	63	148	8.474	ug/l #	34

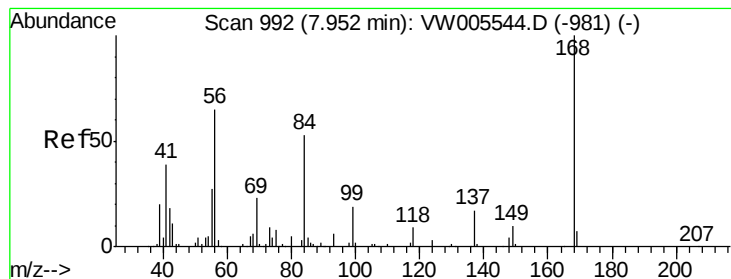
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.49	93	50	5.730	ug/l #	1
47) Bromodichloromethane	9.65	83	158	6.740	ug/l #	73
48) Methyl methacrylate	9.52	41	1015	103.082	ug/l #	31
51) 4-Methyl-2-Pentanone	10.23	43	1140	109.182	ug/l #	77
52) Toluene	10.40	92	1288045	29078.113	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	16518	702.882	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	2075	167.512	ug/l #	18
56) Ethyl methacrylate	10.66	69	2438	159.436	ug/l #	50
57) 1,3-Dichloropropane	11.07	76	91	4.145	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.91	63	311	44.866	ug/l #	60
59) 2-Hexanone	11.00	43	83	11.702	ug/l	70
60) Dibromochloromethane	11.19	129	58	3.875	ug/l	59
61) 1,2-Dibromoethane	11.14	107	237	20.521	ug/l	92
64) Tetrachloroethene	10.87	164	3386	182.718	ug/l	92
65) Chlorobenzene	11.66	112	1353	24.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	168	8.421	ug/l #	1
67) Ethyl Benzene	11.74	91	3209541	32622.007	ug/l	100
68) m/p-Xylenes	11.85	106	2252062	60587.350	ug/l	99
69) o-Xylene	12.18	106	1594456	45802.352	ug/l	100
70) Styrene	12.18	104	124788	2130.068	ug/l #	1
71) Bromoform	12.28	173	70	6.610	ug/l #	29
73) Isopropylbenzene	12.47	105	819081	7470.772	ug/l	100
74) N-amyl acetate	12.26	43	2183	87.931	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.71	83	614	33.716	ug/l #	23
76) 1,2,3-Trichloropropane	12.88	75	33375	2476.450	ug/l #	100
78) n-propylbenzene	12.81	91	73984	557.370	ug/l #	53
79) 2-Chlorotoluene	12.88	91	470970	6132.737	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.95	105	2818398	29563.121	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	10786	1802.582	ug/l #	67
82) 4-Chlorotoluene	12.95	91	301516	3715.950	ug/l #	42
83) tert-Butylbenzene	13.26	119	503335	6284.360	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.26	105	3993507	41509.930	ug/l	97
85) sec-Butylbenzene	13.26	105	3993507	34379.086	ug/l #	57
86) p-Isopropyltoluene	13.51	119	238658	2292.188	ug/l	91
87) 1,3-Dichlorobenzene	13.51	146	162	3.083	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	1700	32.530	ug/l #	53
89) n-Butylbenzene	13.77	91	2077303	21152.344	ug/l #	43
90) Hexachloroethane	14.10	117	79153	4194.401	ug/l #	7
91) 1,2-Dichlorobenzene	13.88	146	953	20.546	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	14.50	75	73099	21067.866	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.13	180	191	5.772	ug/l #	66
95) Naphthalene	15.38	128	3491700	62735.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	110	3.772	ug/l #	1

(#) = 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

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

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MSVOA_W

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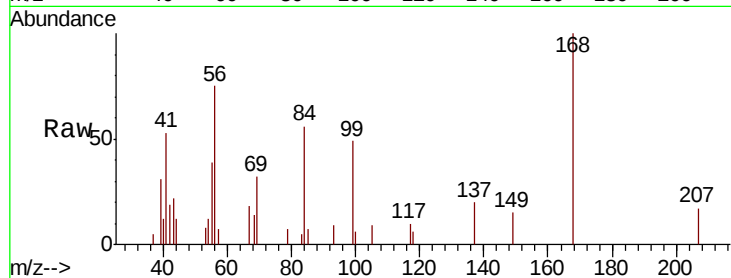
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Tot Ion:168 Resp: 1843

Ion Ratio Lower Upper

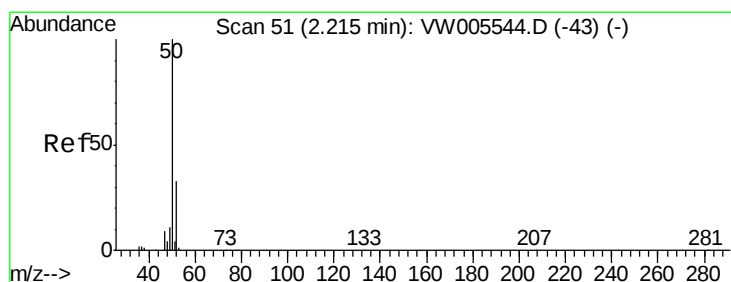
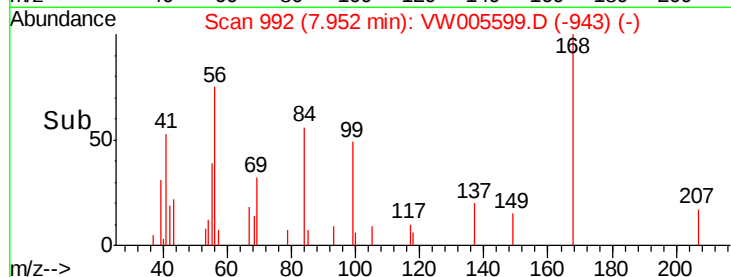
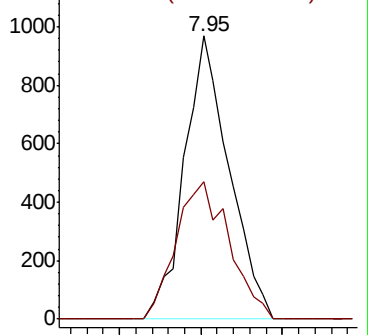
168 100

99 48.8 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: 9.922 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005599.D

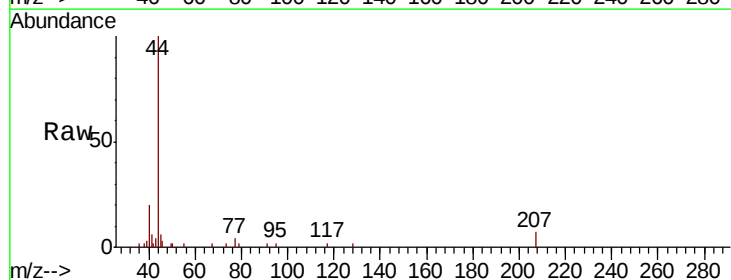
Acq: 24 Sep 2018 21:22

Tgt Ion: 50 Resp: 147

Ion Ratio Lower Upper

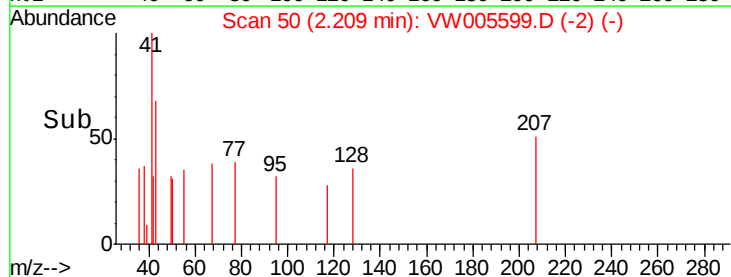
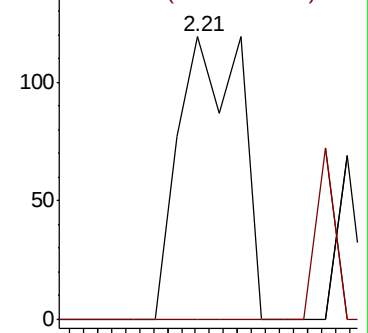
50 100

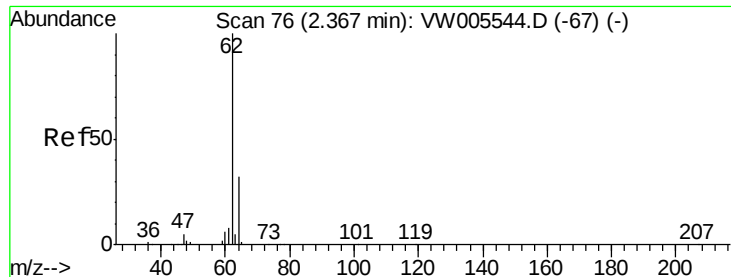
52 0.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 112.542 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

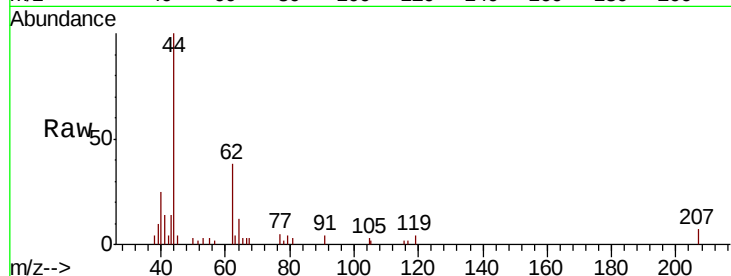
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Tot Ion: 62 Resp: 1993

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

1000

800

600

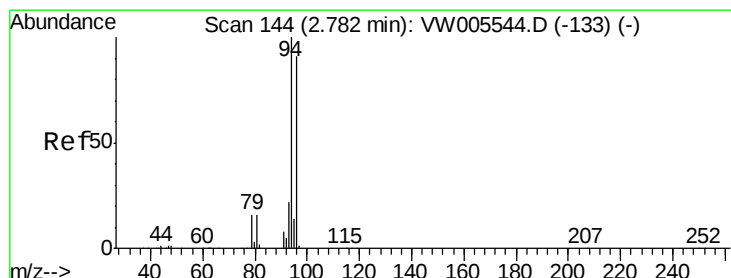
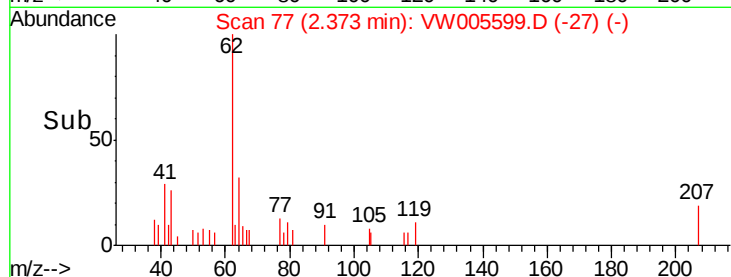
400

200

0

2.30 2.35 2.40 2.45

Time-->



#5

Bromomethane

Concen: 5.014 ug/l

RT: 2.80 min Scan# 147

Delta R.T. 0.02 min

Lab File: VW005599.D

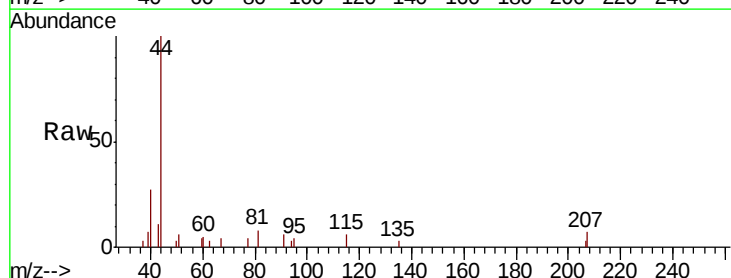
Acq: 24 Sep 2018 21:22

Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.80

60

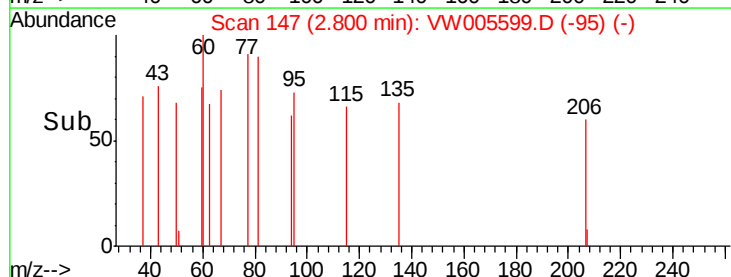
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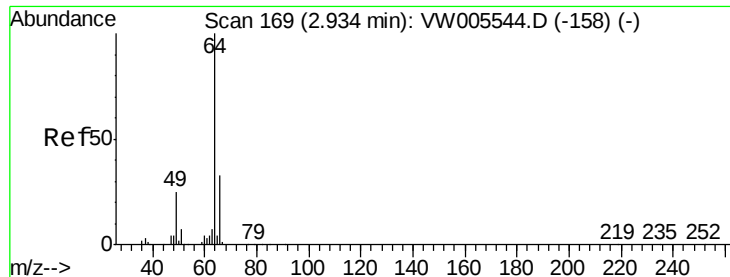
20

0

2.76 2.78 2.80 2.82

Time-->





#6

Chloroethane

Concen: 8.184 ug/l

RT: 2.88 min Scan# 160

Delta R.T. -0.05 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

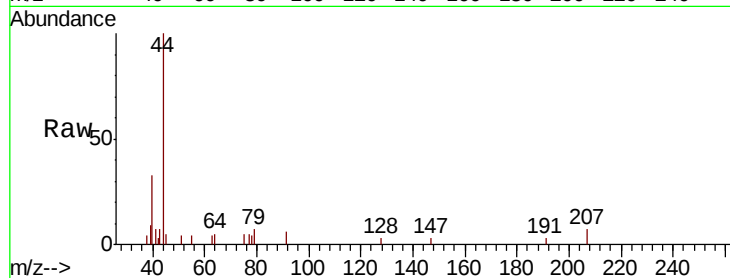
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 64 Resp: 93

Ion Ratio Lower Upper

64 100

66 0.0 26.0 39.0#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.88

100

80

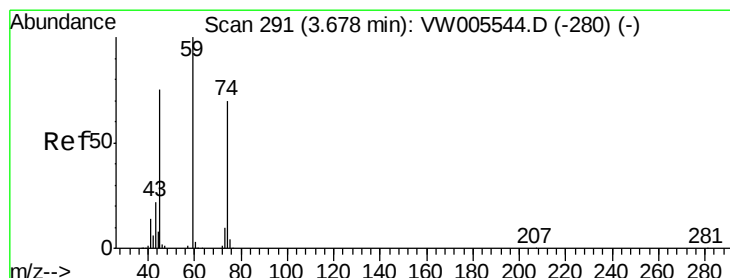
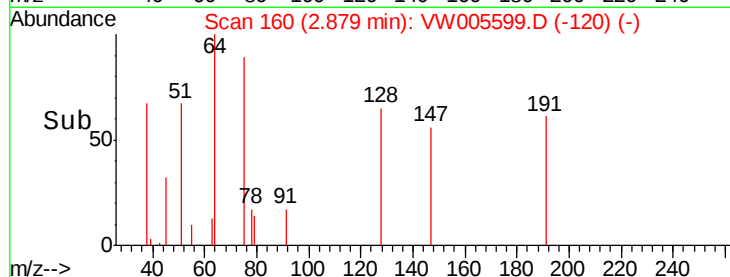
60

40

20

0

Time--> 2.84 2.86 2.88 2.90



#8

Diethyl Ether

Concen: 28.958 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005599.D

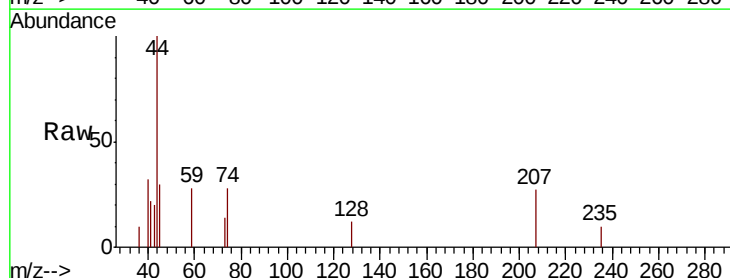
Acq: 24 Sep 2018 21:22

Tgt Ion: 74 Resp: 262

Ion Ratio Lower Upper

74 100

45 148.9 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

200

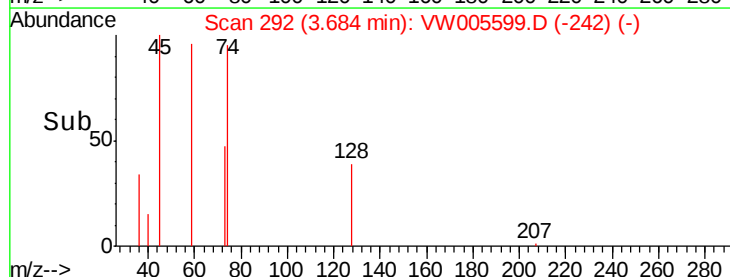
150

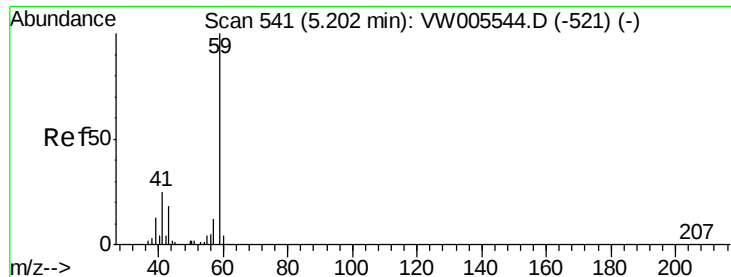
100

50

0

Time--> 3.65 3.68 3.70



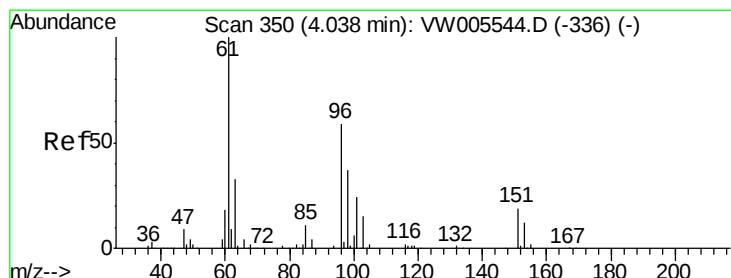
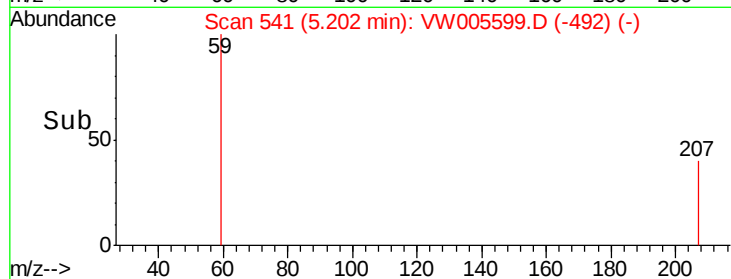
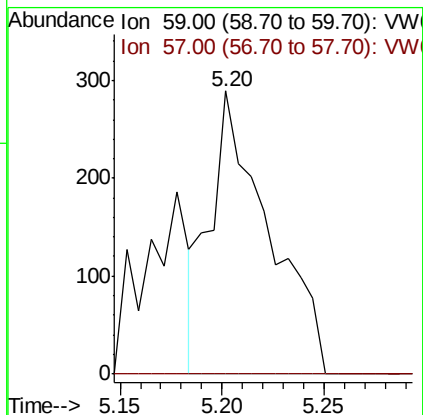
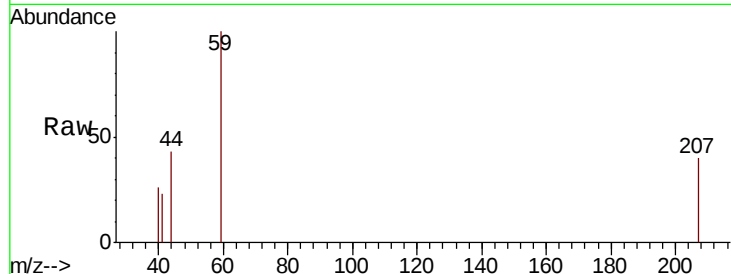


#11

Tert butyl alcohol
Concen: 514.537 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

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

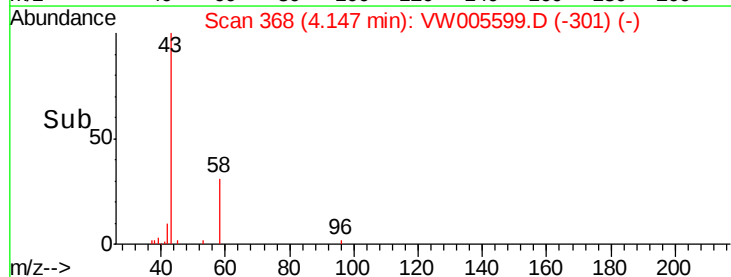
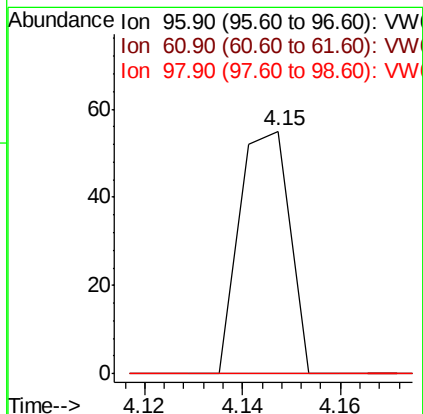
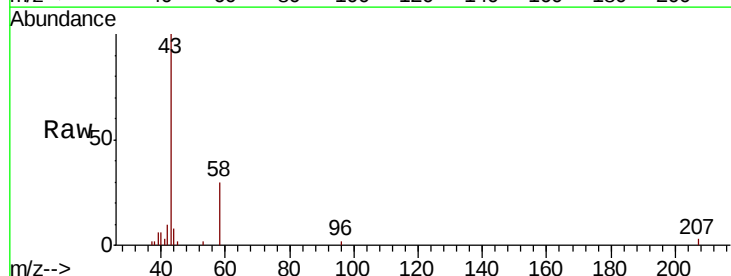
Tot Ion: 59 Resp: 574
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

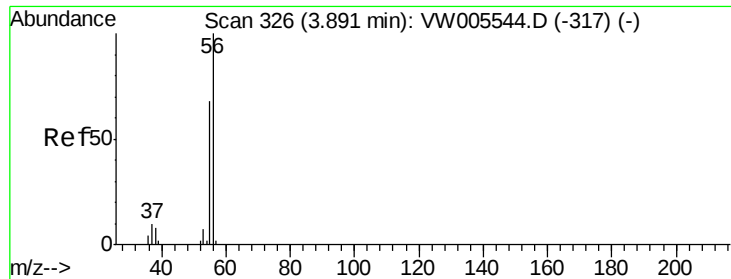


#12

1,1-Dichloroethene
Concen: 2.323 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.11 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 96 Resp: 39
Ion Ratio Lower Upper
96 100
61 0.0 135.0 202.6#
98 0.0 50.6 76.0#





#13

Acrolein

Concen: 9.050 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.24 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

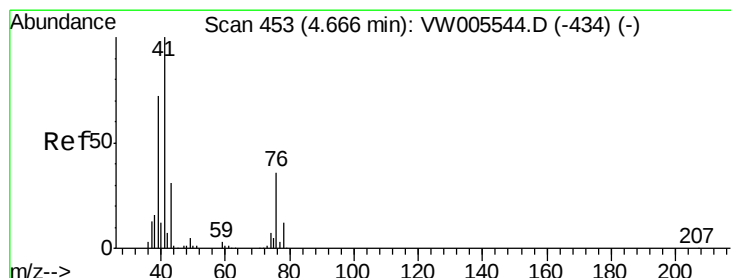
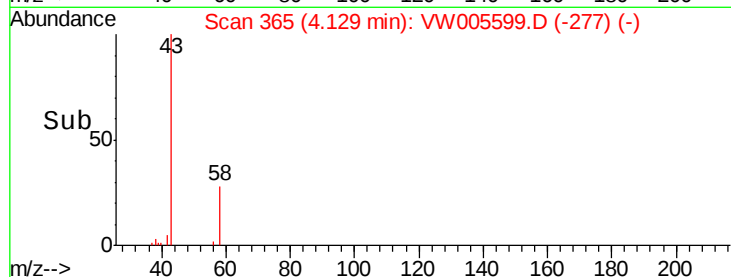
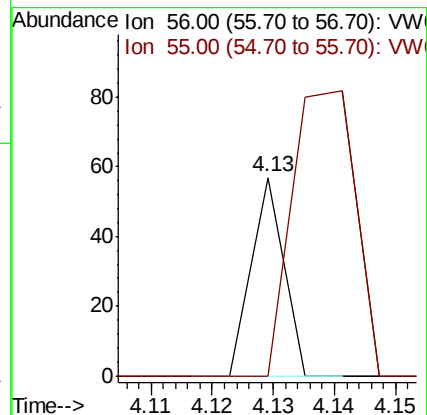
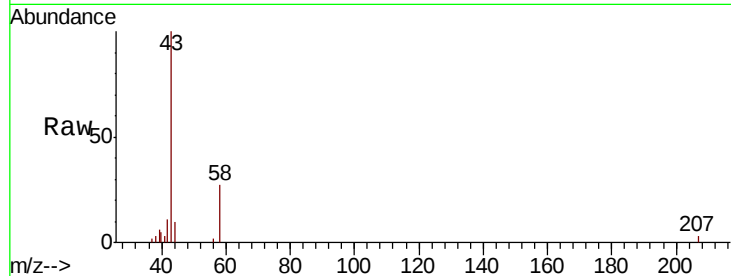
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 281.0 57.8 86.8#



#14

Allyl chloride

Concen: 2.799 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

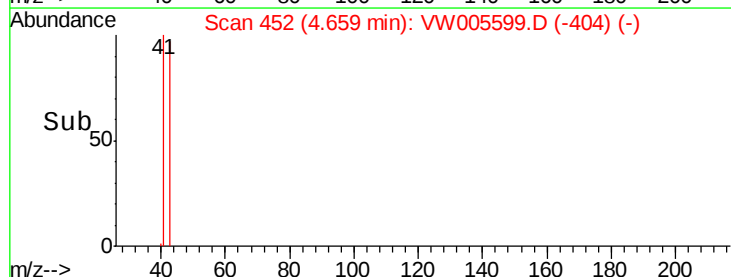
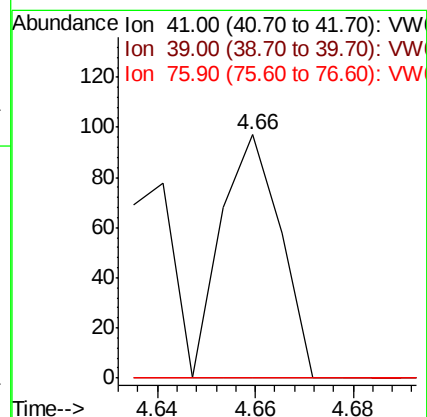
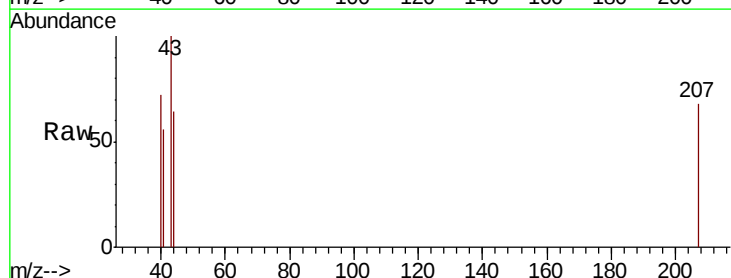
Tgt Ion: 41 Resp: 82

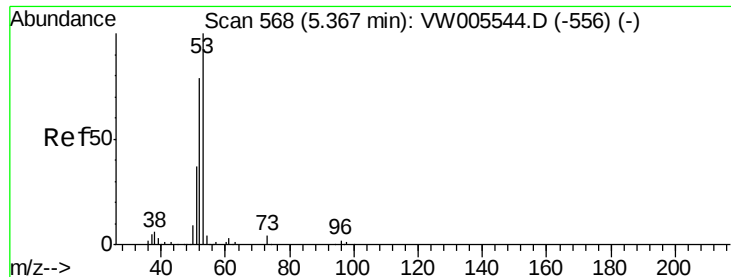
Ion Ratio Lower Upper

41 100

39 0.0 59.6 89.4#

76 0.0 27.7 41.5#





#15

Acrylonitrile

Concen: 95.094 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005599.D

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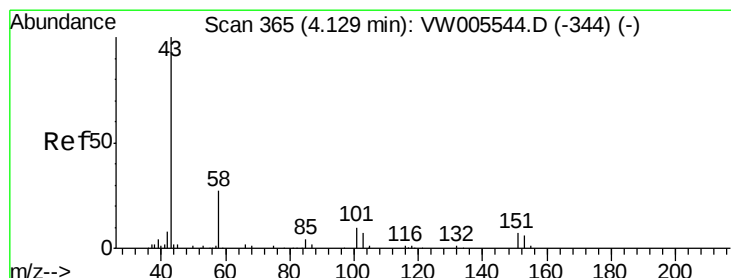
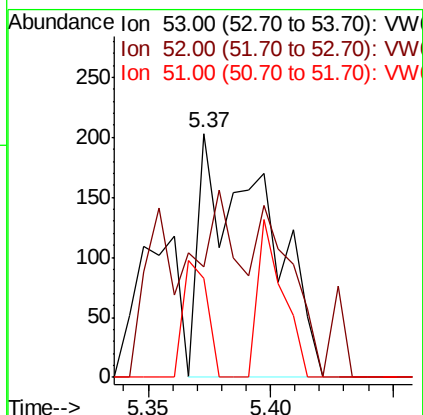
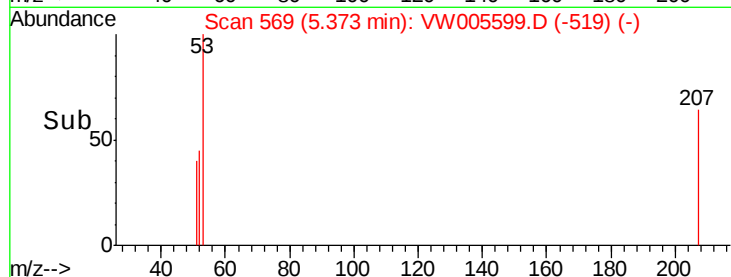
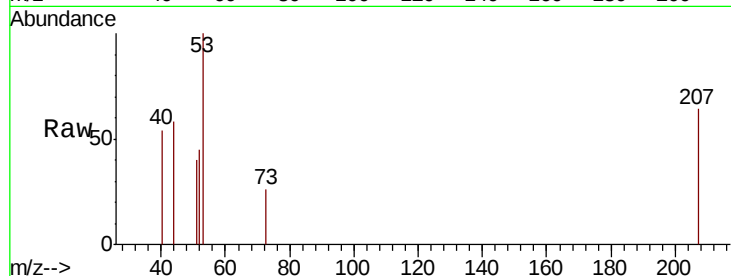
Tot Ion: 53 Resp: 382

Ion Ratio Lower Upper

53 100

52 32.7 66.5 99.7#

51 17.0 30.6 46.0#



#16

Acetone

Concen: 3493.375 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005599.D

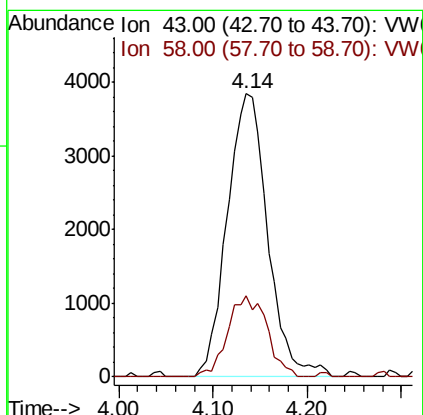
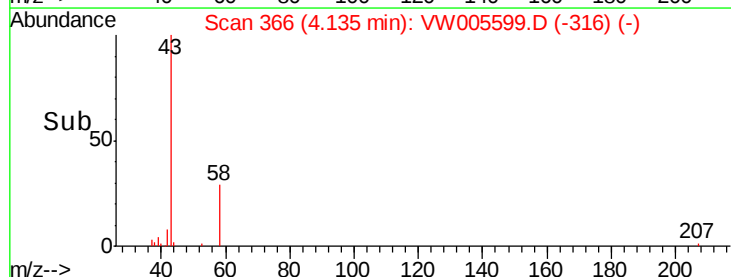
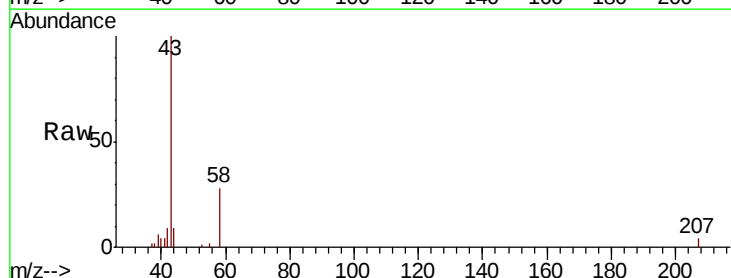
Acq: 24 Sep 2018 21:22

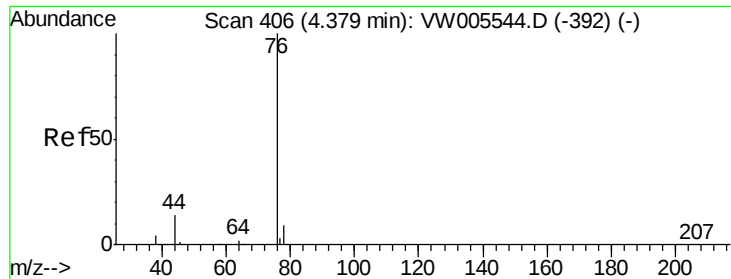
Tgt Ion: 43 Resp: 11506

Ion Ratio Lower Upper

43 100

58 28.5 21.8 32.8

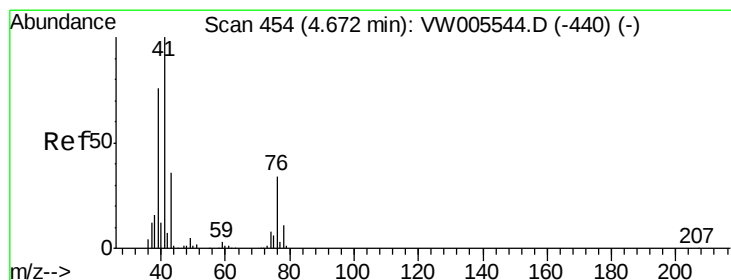
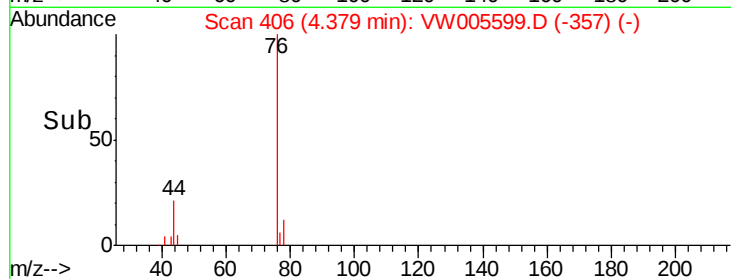
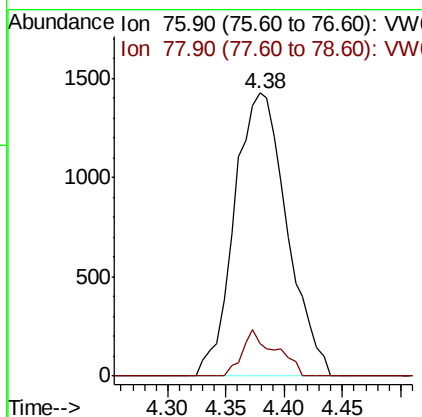
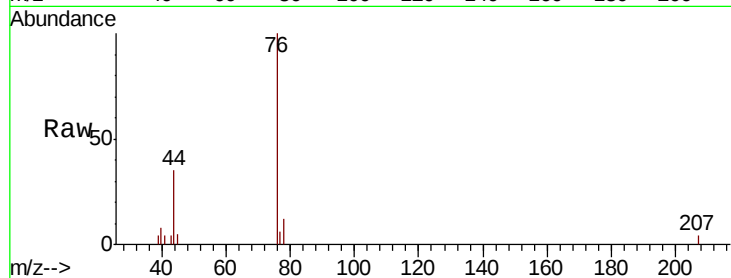




#17
Carbon Disulfide
Concen: 85.271 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

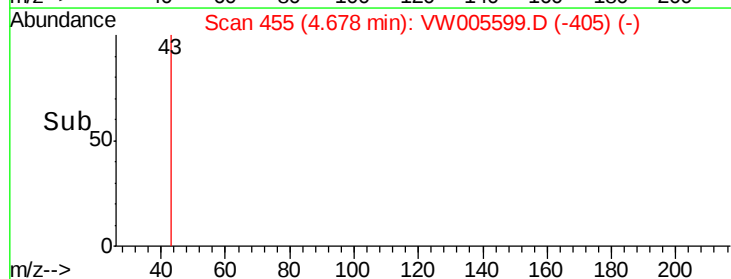
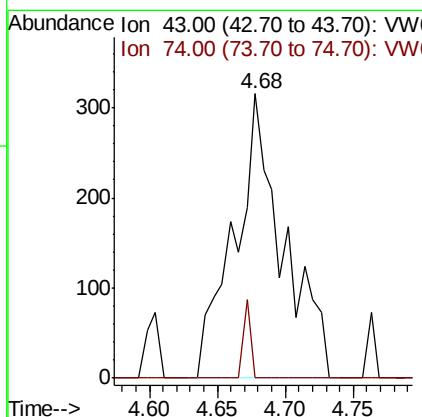
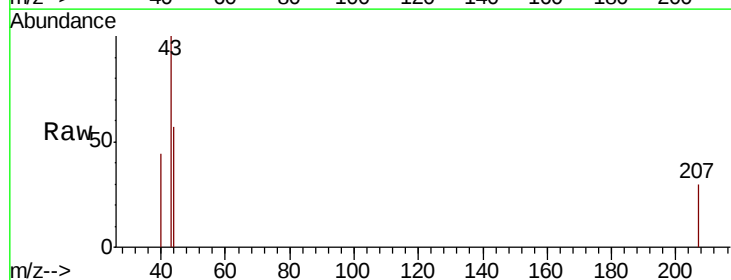
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

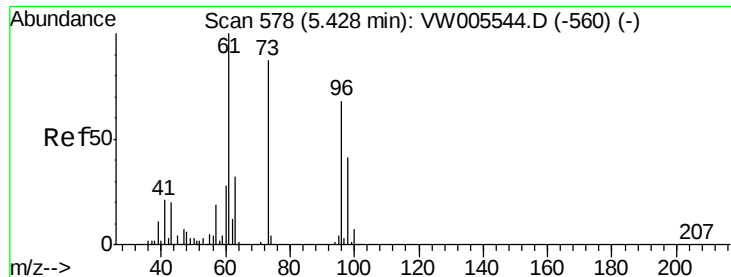
Tot Ion: 76 Resp: 4472
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#



#18
Methyl Acetate
Concen: 76.381 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 4.1 19.2 28.8#



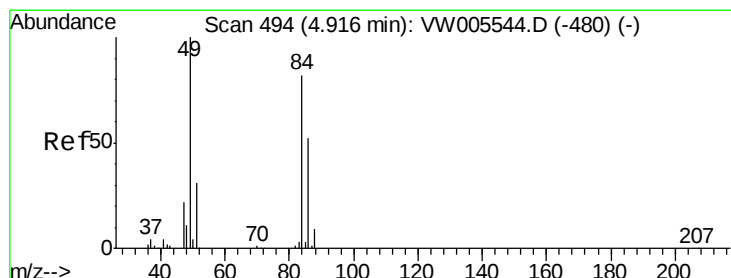
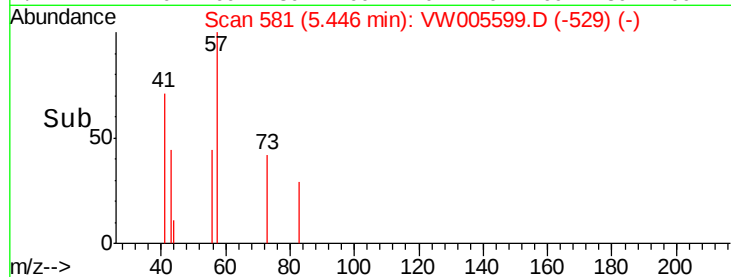
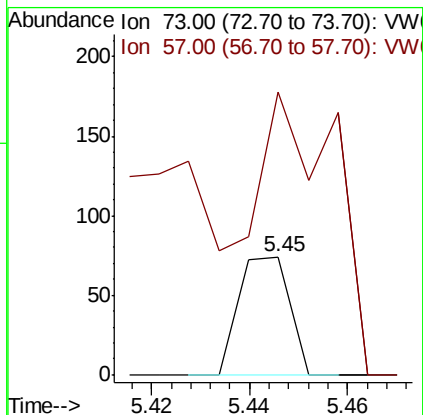
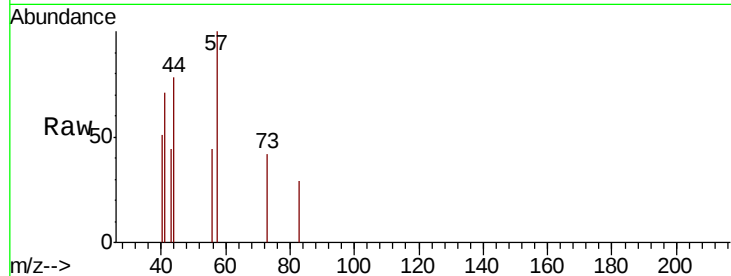


#19

Methyl tert-butyl Ether
 Concen: 2.046 ug/l
 RT: 5.45 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

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

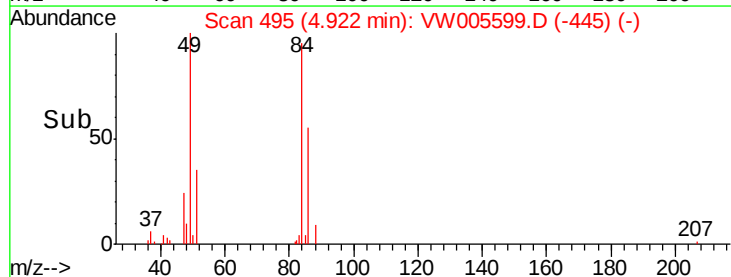
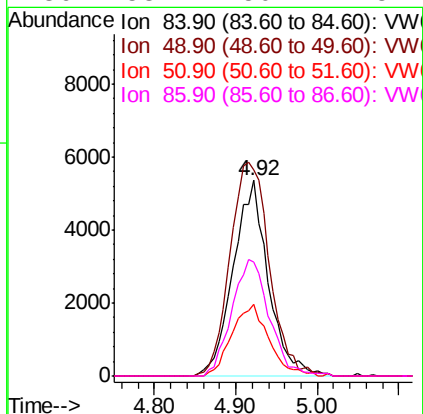
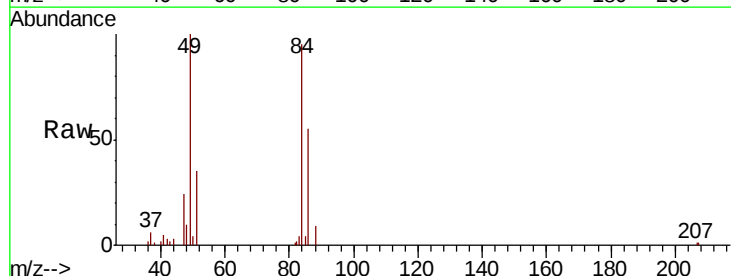
Tot Ion: 73 Resp: 53
 Ion Ratio Lower Upper
 73 100
 57 59.5 17.6 26.4#

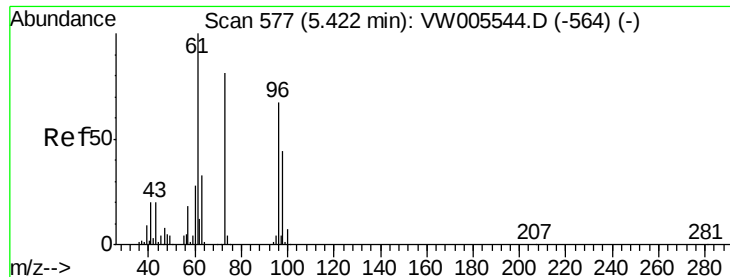


#20

Methylene Chloride
 Concen: 954.134 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion: 84 Resp: 15946
 Ion Ratio Lower Upper
 84 100
 49 105.5 97.0 145.6
 51 36.6 30.2 45.2
 86 58.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 1.632 ug/l

RT: 5.24 min Scan# 547

Delta R.T. -0.18 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

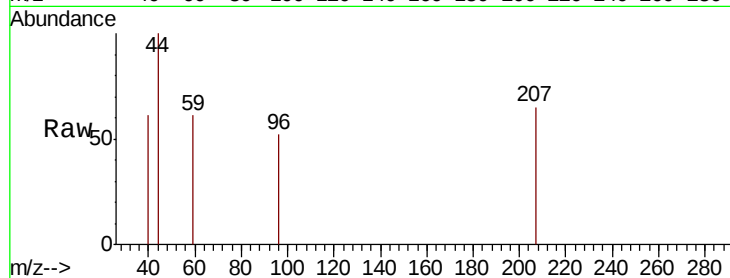
Tot Ion: 96 Resp: 30

Ion Ratio Lower Upper

96 100

61 0.0 118.9 178.3#

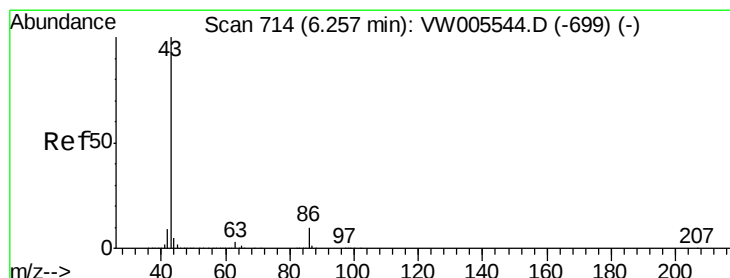
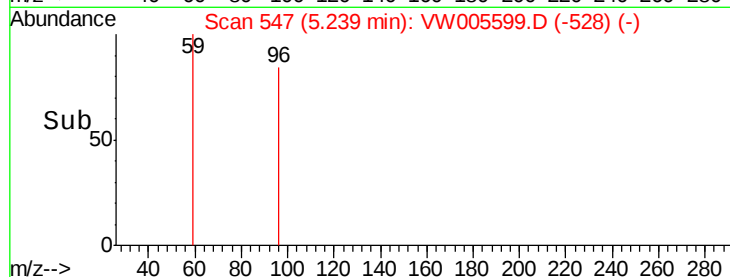
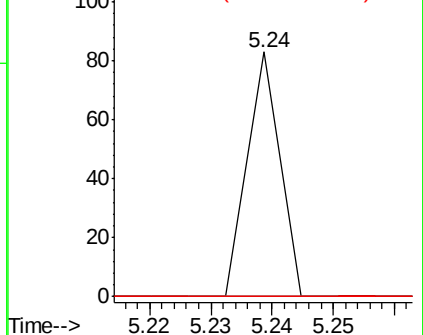
98 0.0 52.1 78.1#



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



#23

Vinyl Acetate

Concen: 1.415 ug/l

RT: 6.09 min Scan# 687

Delta R.T. -0.16 min

Lab File: VW005599.D

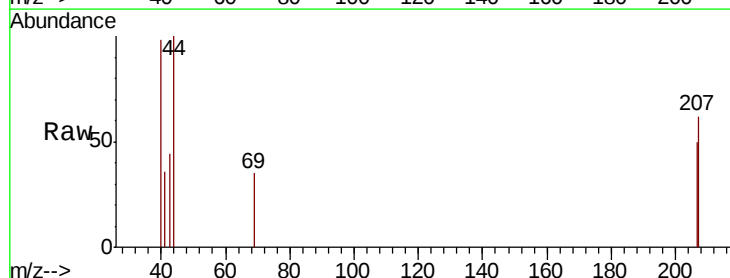
Acq: 24 Sep 2018 21:22

Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

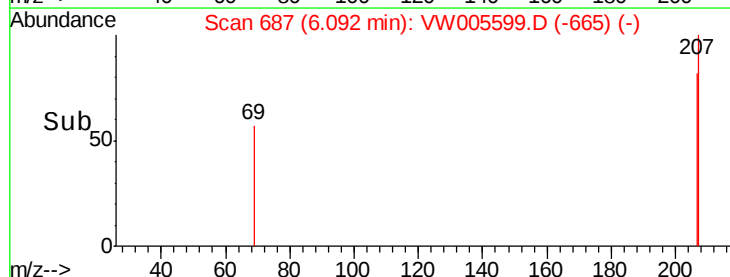
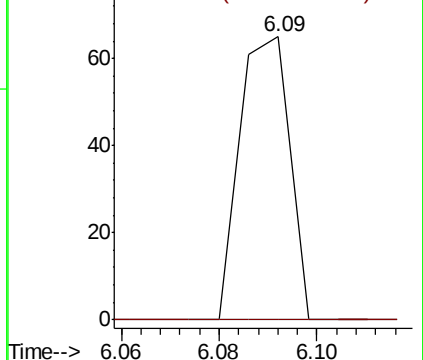
43 100

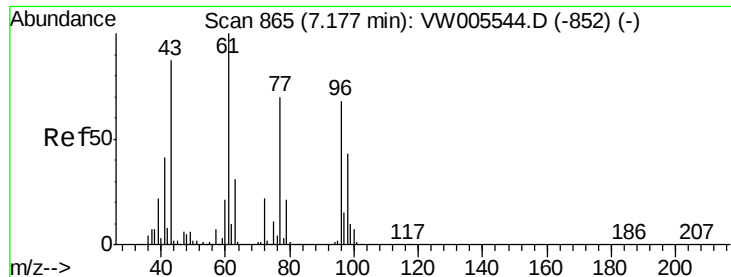
86 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

2-Butanone

Concen: 516.374 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

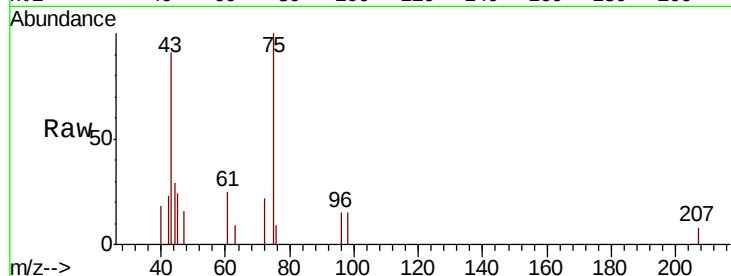
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 43 Resp: 2723

Ion Ratio Lower Upper

43 100

72 23.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

600

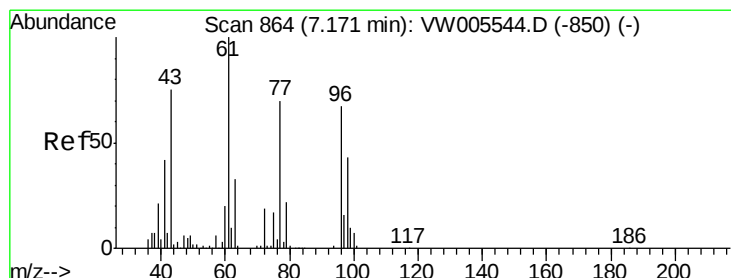
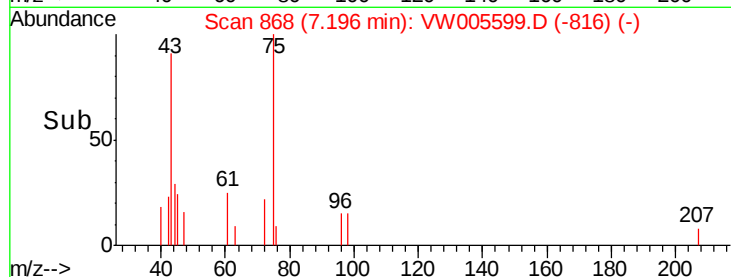
400

200

0

7.10 7.20

Time-->



#26

2,2-Dichloropropane

Concen: 52.104 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW005599.D

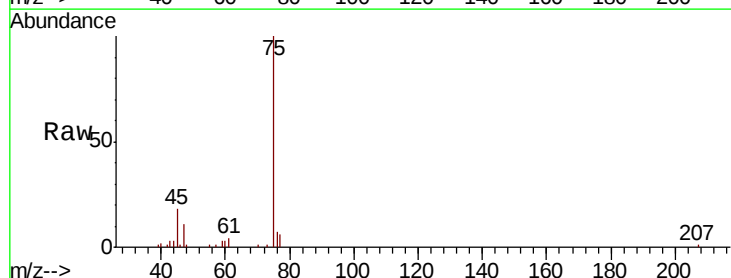
Acq: 24 Sep 2018 21:22

Tgt Ion: 77 Resp: 1278

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

500

400

300

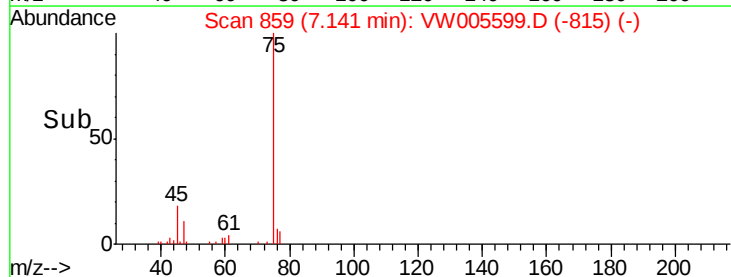
200

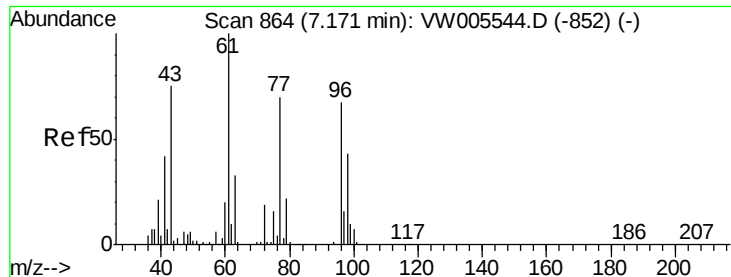
100

0

7.05 7.10 7.15 7.20

Time-->



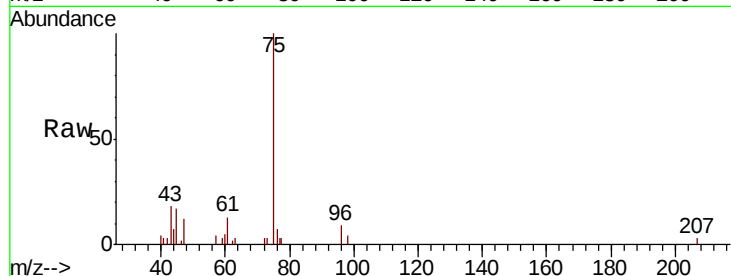


#27

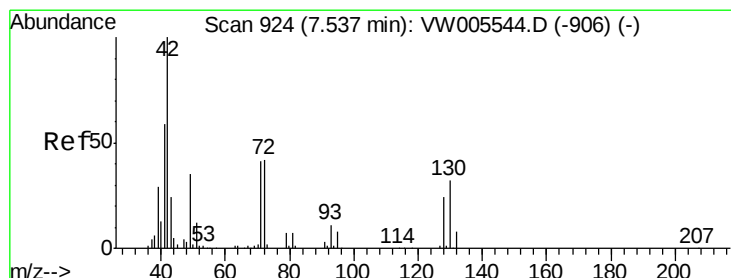
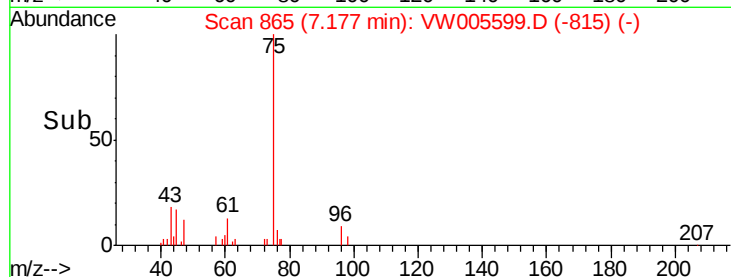
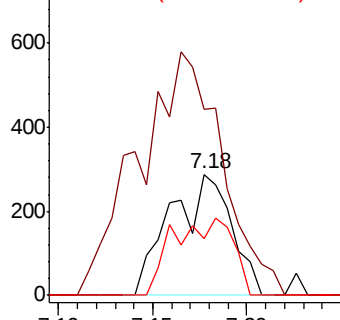
cis-1,2-Dichloroethene
 Concen: 31.956 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

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

Tot Ion: 96 Resp: 648
 Ion Ratio Lower Upper
 96 100
 61 276.7 0.0 303.4
 98 62.2 0.0 127.2



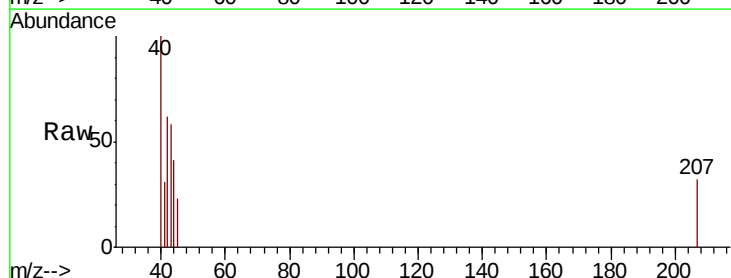
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



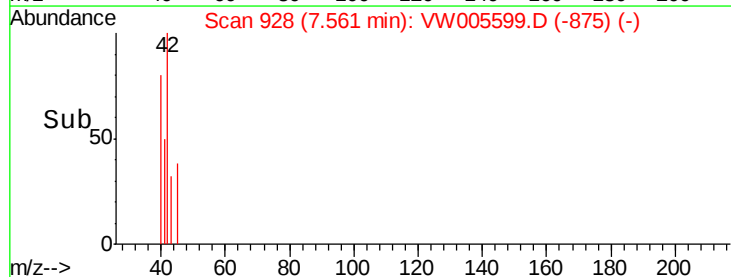
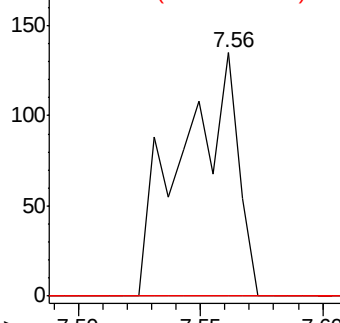
#29

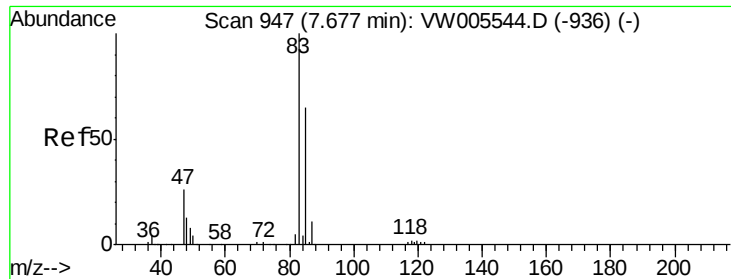
Tetrahydrofuran
 Concen: 65.262 ug/l
 RT: 7.56 min Scan# 928
 Delta R.T. 0.02 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion: 42 Resp: 215
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.6 50.4#
 71 0.0 31.8 47.6#



Abundance Ion 42.00 (41.70 to 42.70): VW
 Ion 72.00 (71.70 to 72.70): VW
 Ion 71.00 (70.70 to 71.70): VW

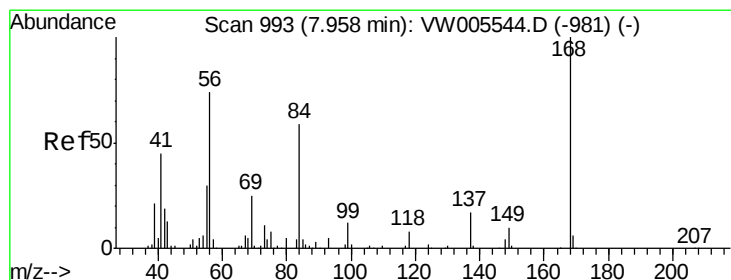
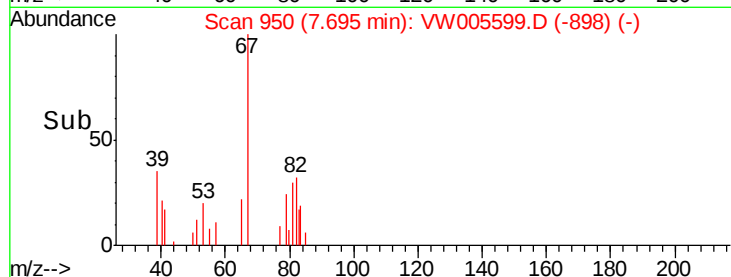
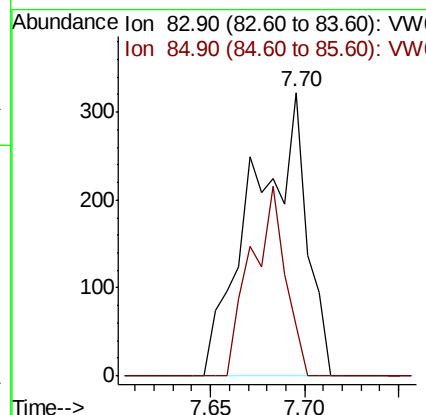
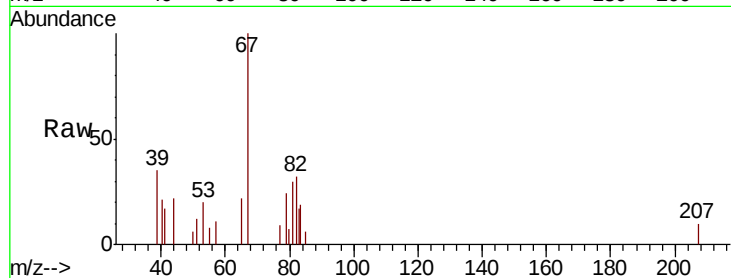




#30
Chloroform
Concen: 17.424 ug/l
RT: 7.70 min Scan# 950
Delta R.T. 0.02 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

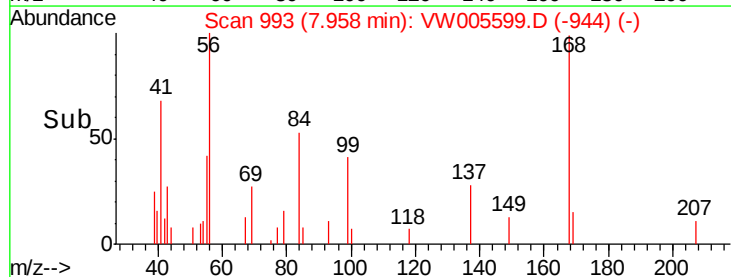
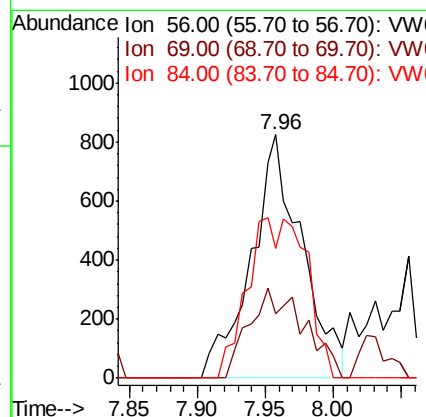
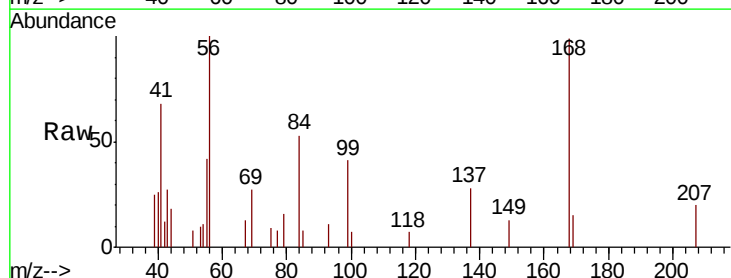
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

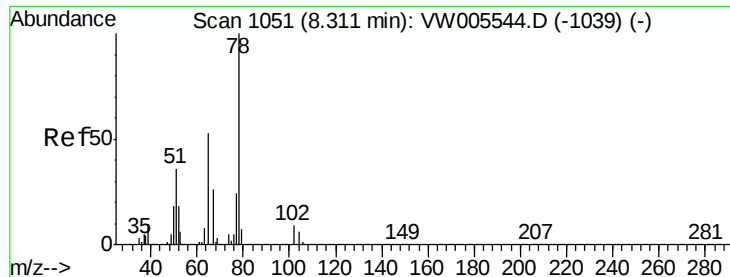
Tot Ion: 83 Resp: 632
Ion Ratio Lower Upper
83 100
85 17.7 51.8 77.6#



#31
Cyclohexane
Concen: 63.992 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
69 26.7 27.0 40.4#
84 53.2 64.2 96.4#

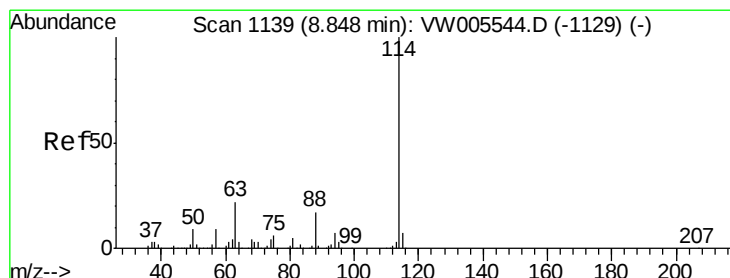
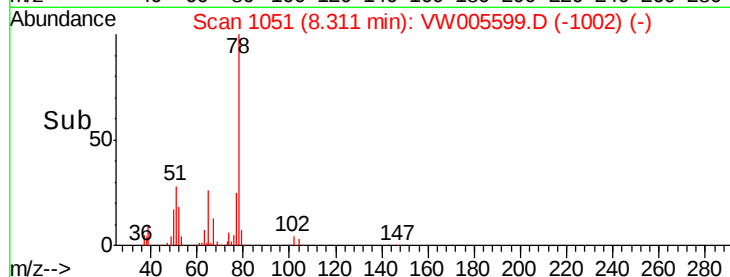
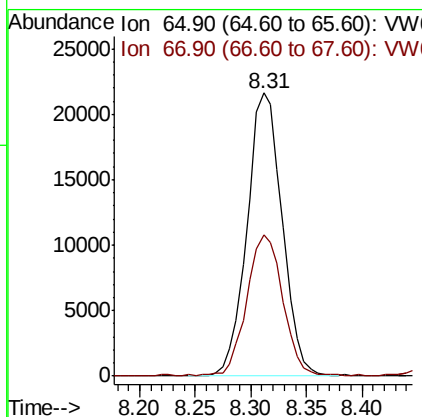
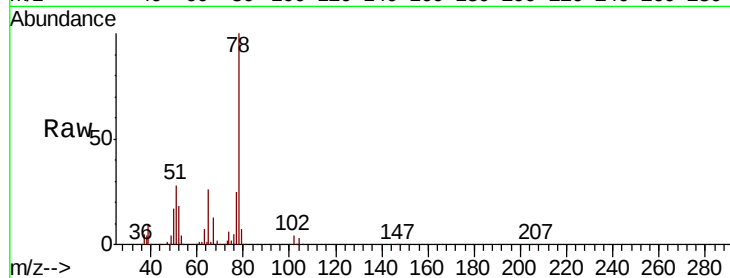




#33
 1,2-Dichloroethane-d4
 Concen: 2187.145 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

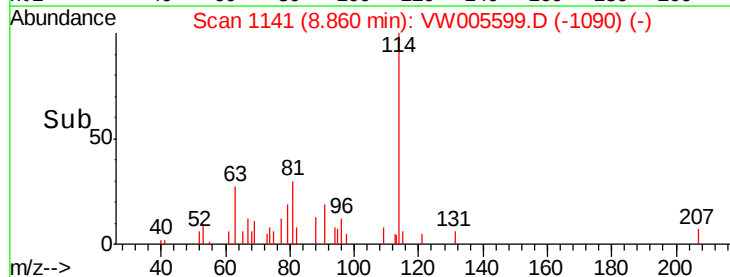
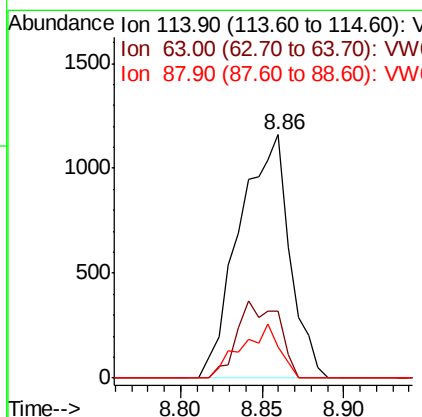
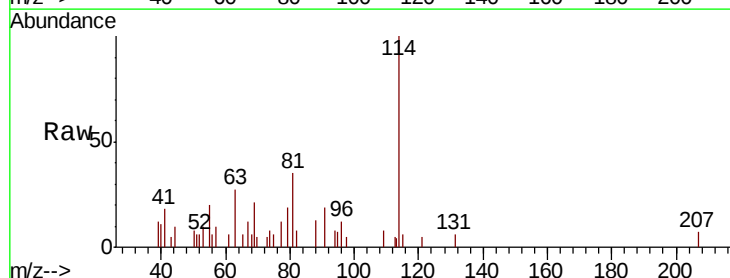
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

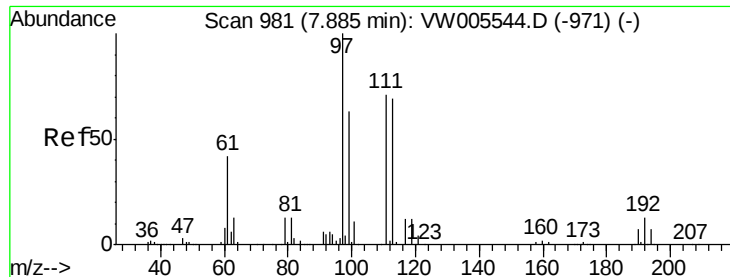
Tot Ion: 65 Resp: 47487
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion: 114 Resp: 2489
 Ion Ratio Lower Upper
 114 100
 63 27.5 0.0 43.0
 88 12.7 0.0 33.0

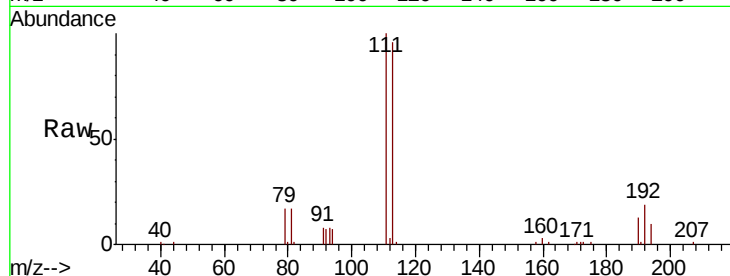




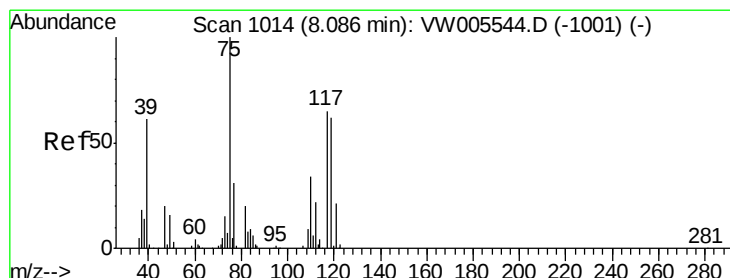
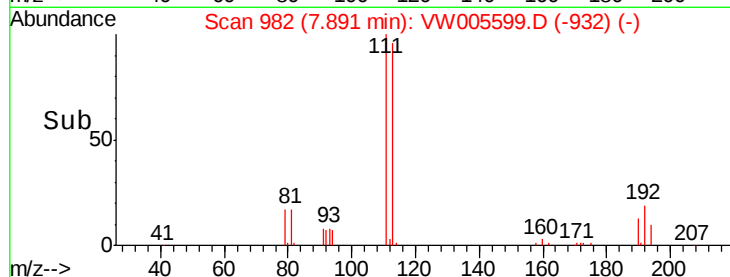
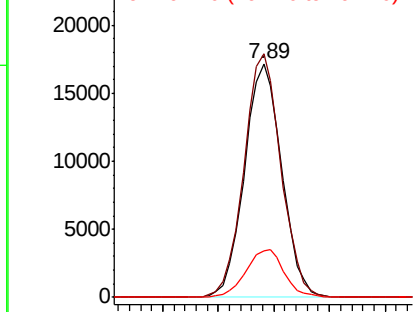
#35
 Dibromofluoromethane
 Concen: 2554.378 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	20.9	17.0	25.4

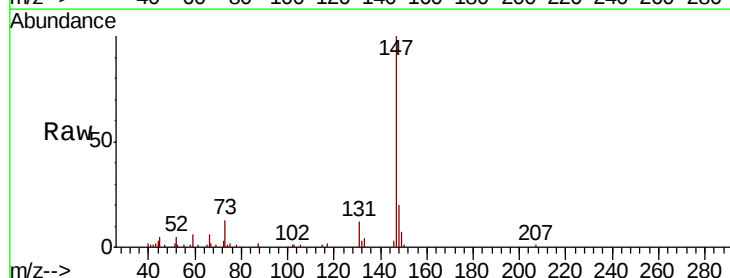


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

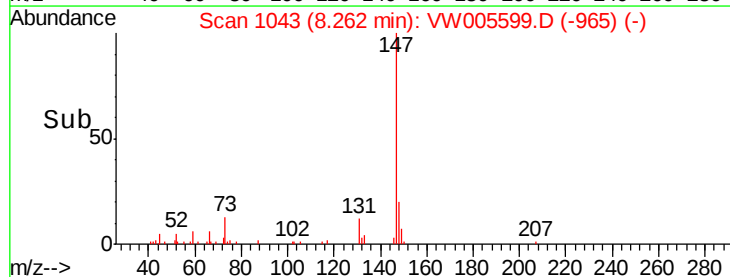
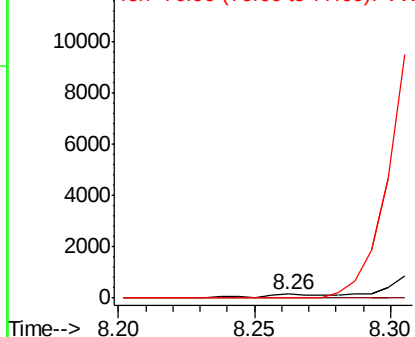


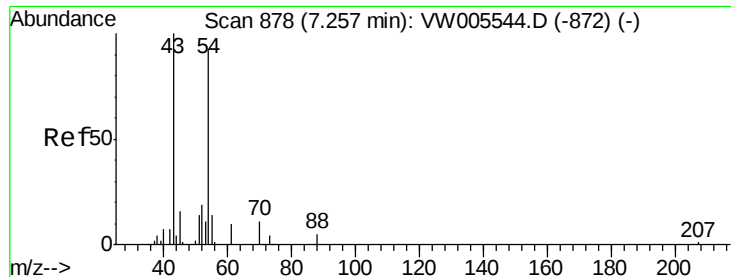
#36
 1,1-Dichloropropene
 Concen: 10.776 ug/l
 RT: 8.26 min Scan# 1043
 Delta R.T. 0.18 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt 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

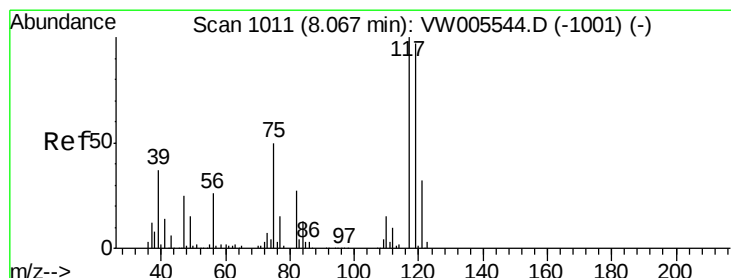
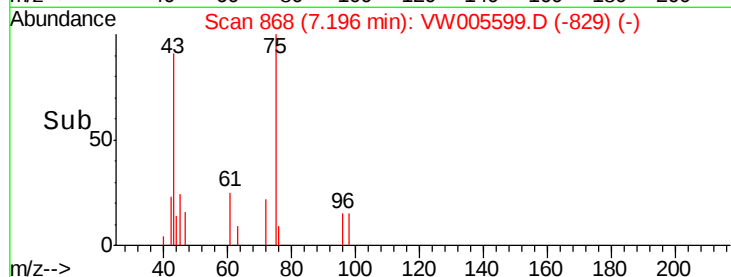
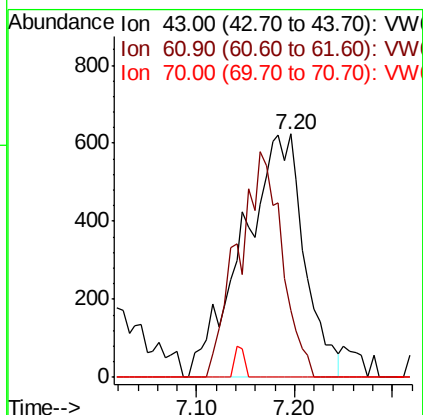
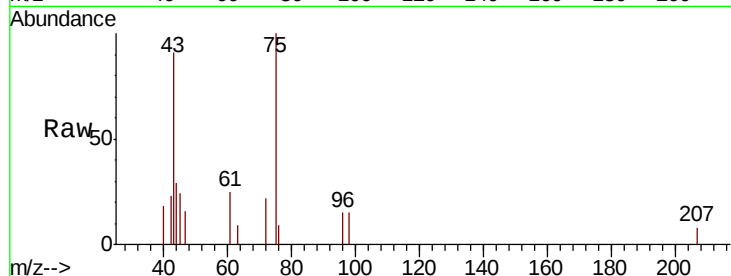




#37
Ethyl Acetate
Concen: 258.250 ug/l
RT: 7.20 min Scan# 868
Delta R.T. -0.06 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

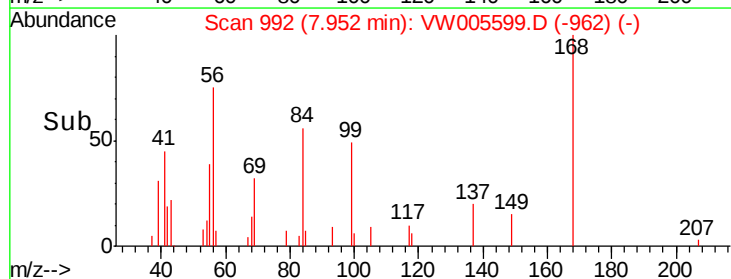
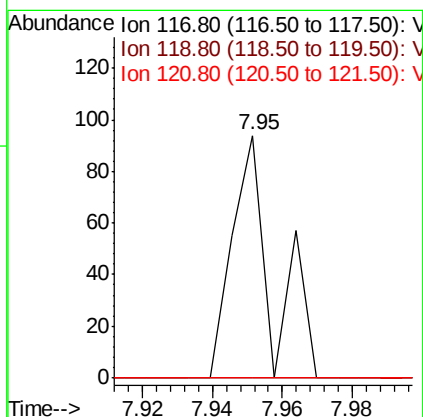
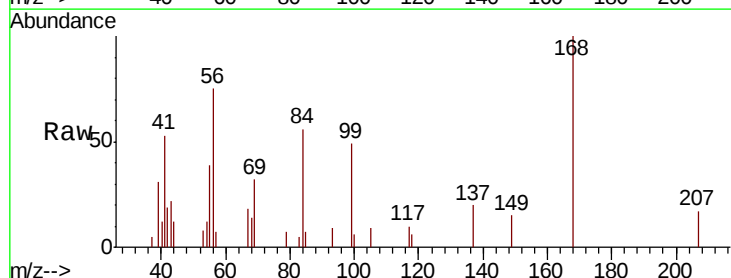
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

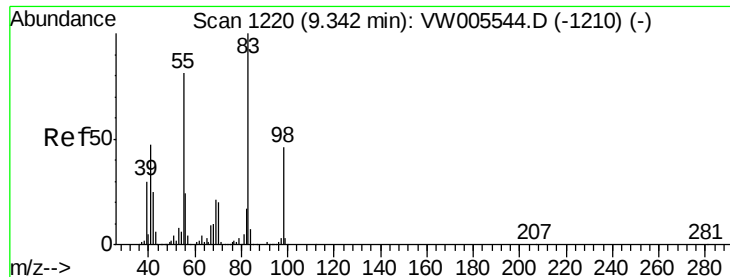
Tot Ion: 43 Resp: 2723
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 2.793 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 117 Resp: 75
Ion Ratio Lower Upper
117 100
119 0.0 77.6 116.4#
121 0.0 25.7 38.5#

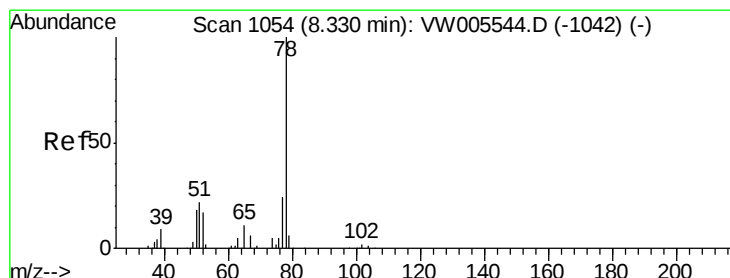
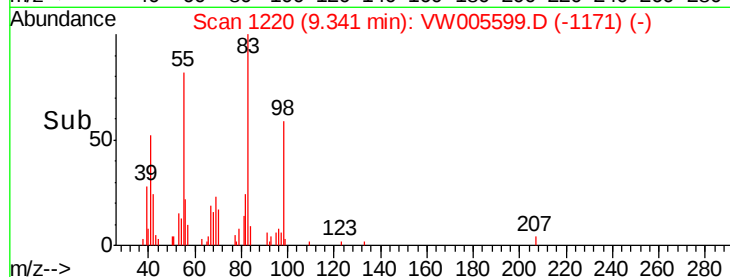
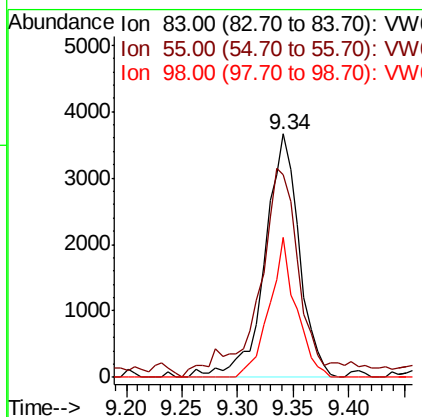
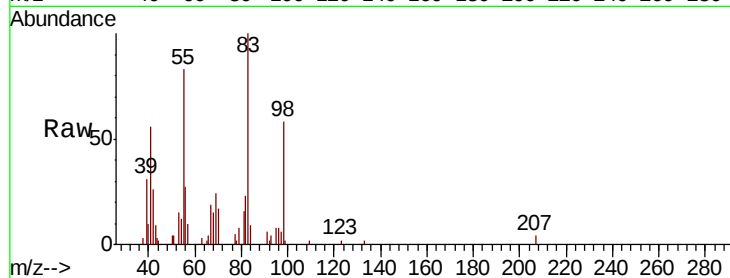




#39
Methvlcvclohexane
Concen: 266.361 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

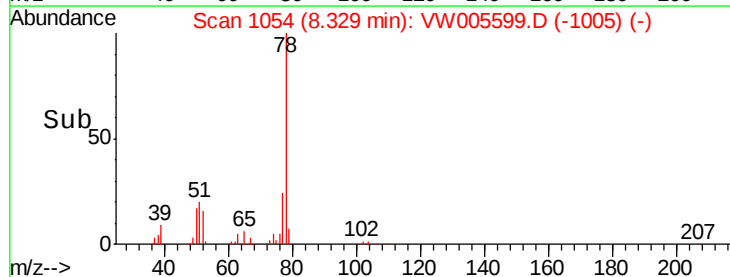
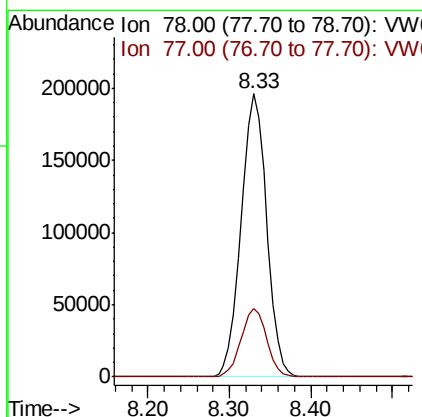
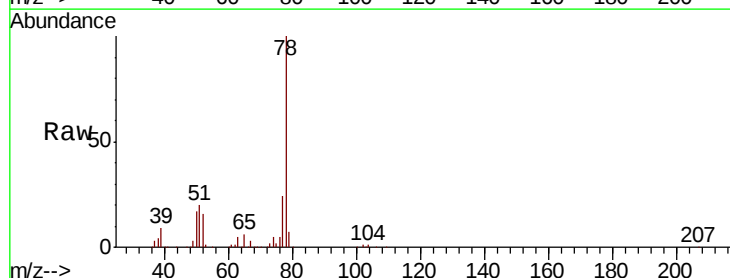
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

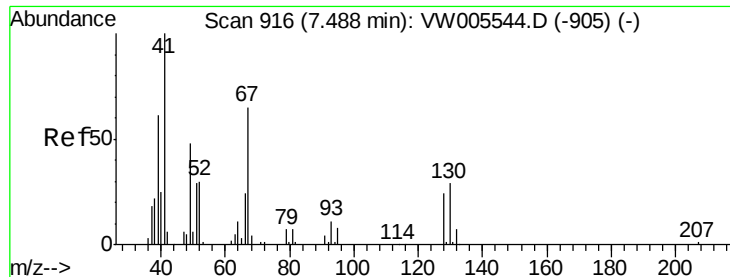
Tot Ion: 83 Resp: 7874
Ion Ratio Lower Upper
83 100
55 80.0 64.6 97.0
98 57.5 37.0 55.6#



#40
Benzene
Concen: 6004.146 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 78 Resp: 426247
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 7.833 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

Tot Ion: 41 Resp: 47

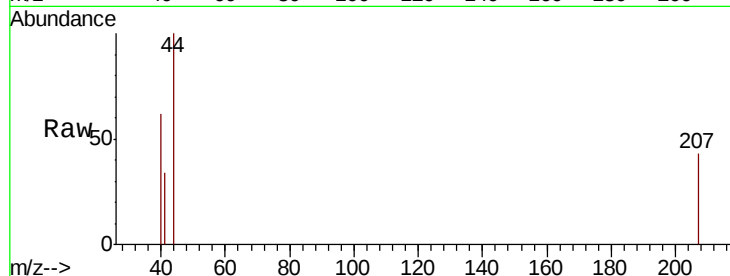
Ion Ratio Lower Upper

41 100

39 0.0 45.4 68.2#

67 0.0 55.2 82.8#

52 0.0 25.3 37.9#

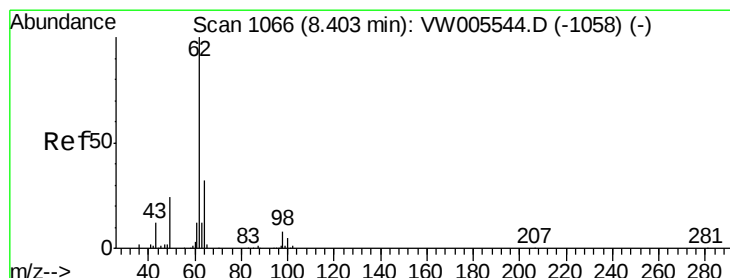
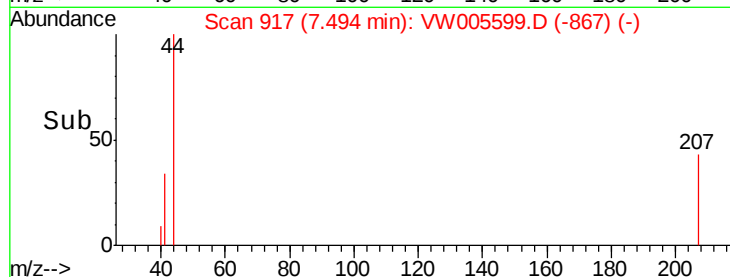
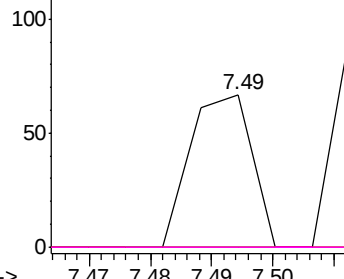


Abundance Ion 41.00 (40.70 to 41.70): VW

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



#42

1,2-Dichloroethane

Concen: 175.325 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.07 min

Lab File: VW005599.D

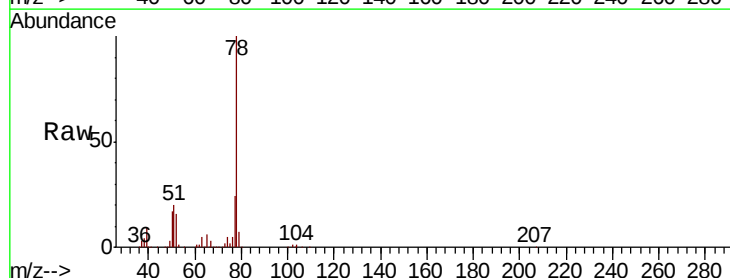
Acq: 24 Sep 2018 21:22

Tgt Ion: 62 Resp: 3985

Ion Ratio Lower Upper

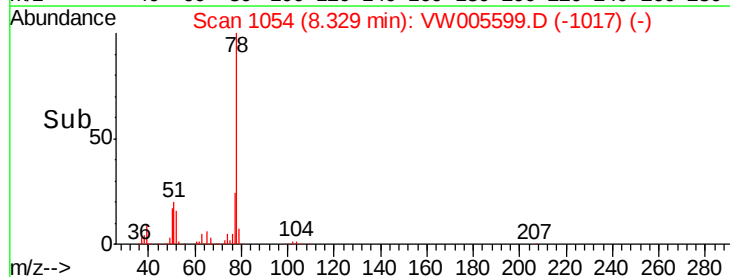
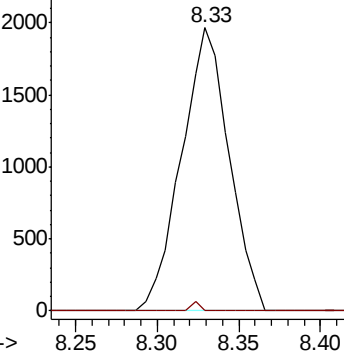
62 100

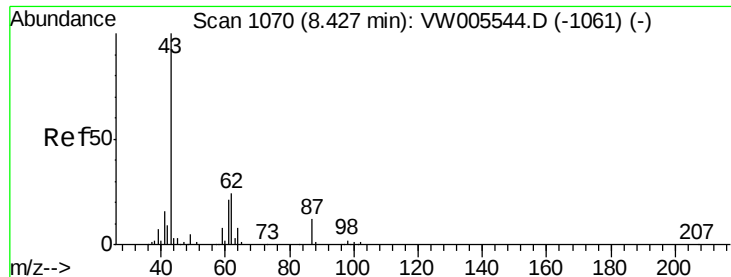
98 0.6 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



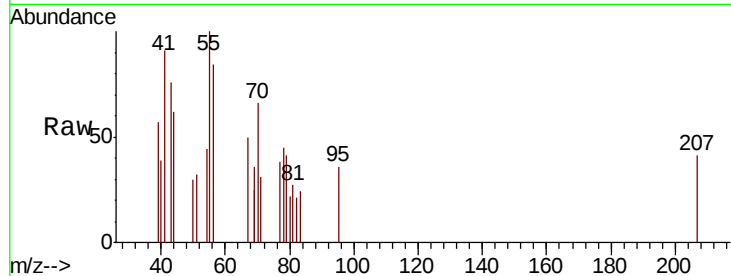


#43

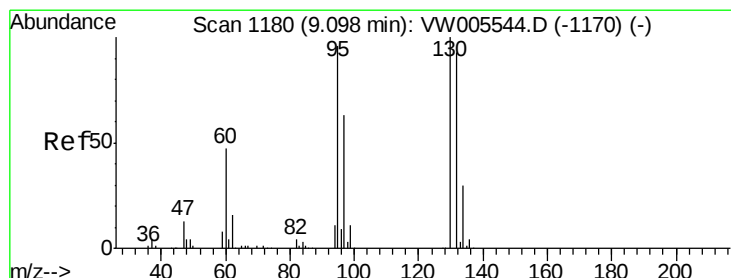
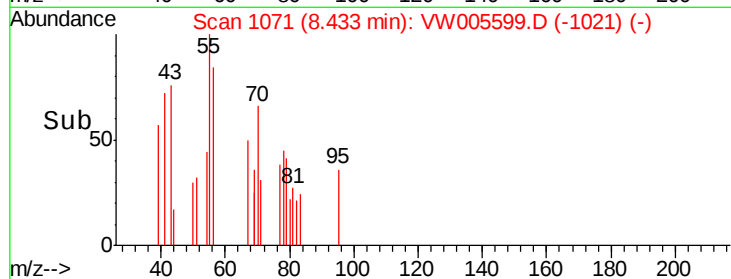
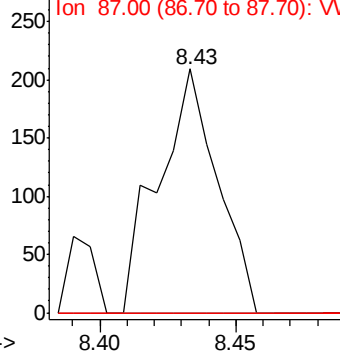
Isopropyl Acetate
 Concen: 15.243 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

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

Tot Ion: 43 Resp: 316
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.1 36.1#
 87 0.0 9.8 14.8#



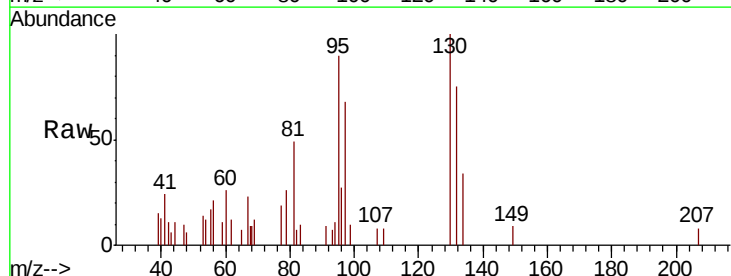
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



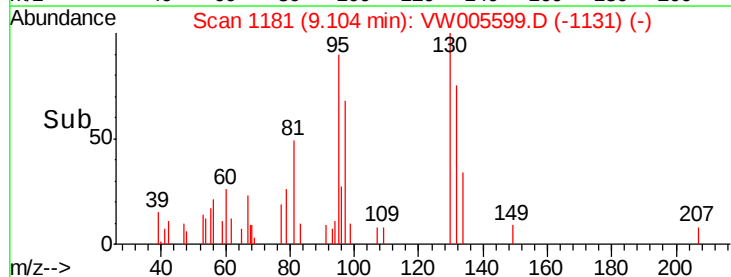
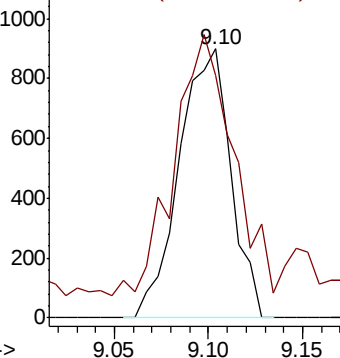
#44

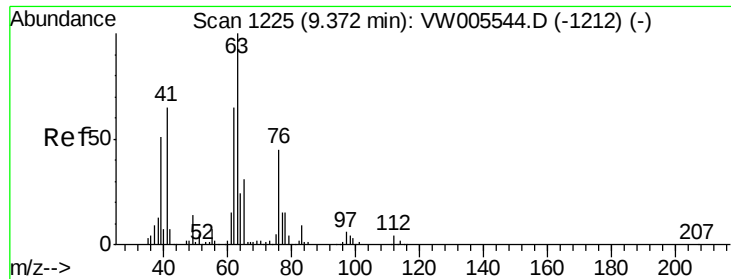
Trichloroethene
 Concen: 93.718 ug/l
 RT: 9.10 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion: 130 Resp: 1703
 Ion Ratio Lower Upper
 130 100
 95 80.9 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 8.474 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.03 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

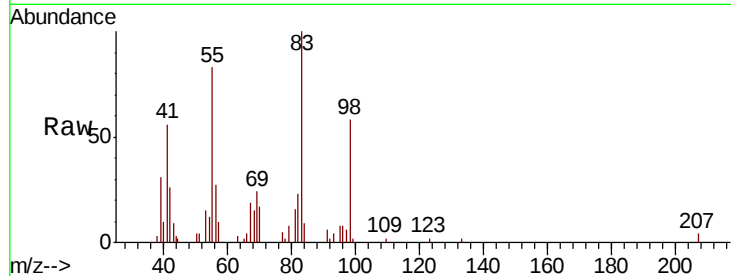
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 63 Resp: 148

Ion Ratio Lower Upper

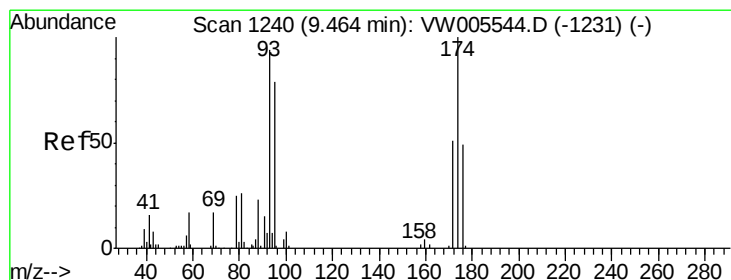
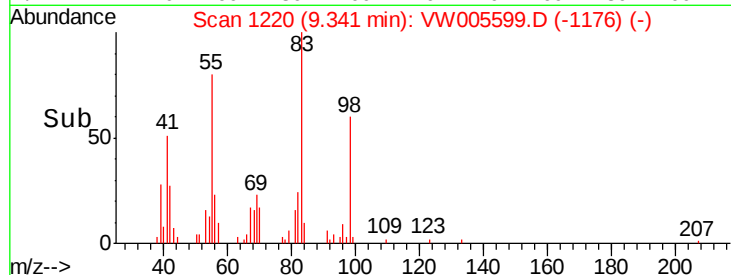
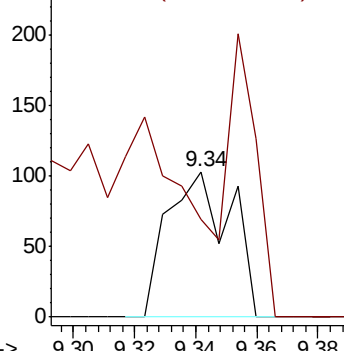
63 100

65 67.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 5.730 ug/l

RT: 9.49 min Scan# 1245

Delta R.T. 0.03 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

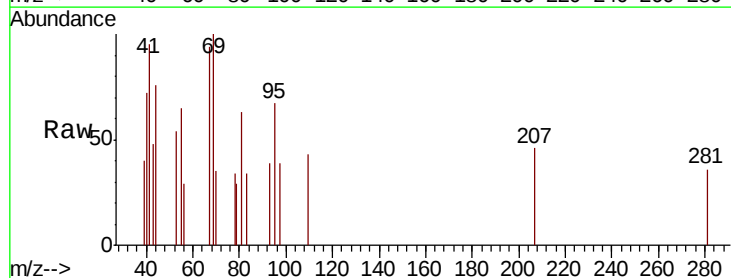
Tgt Ion: 93 Resp: 50

Ion Ratio Lower Upper

93 100

95 288.0 65.8 98.8#

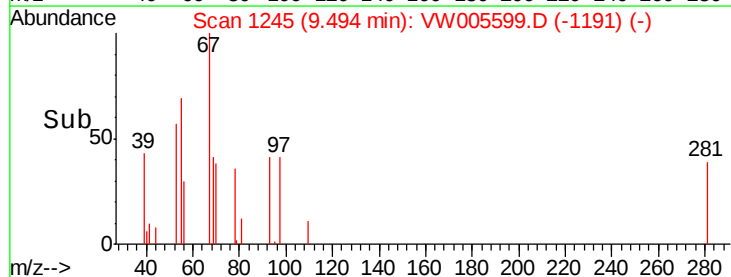
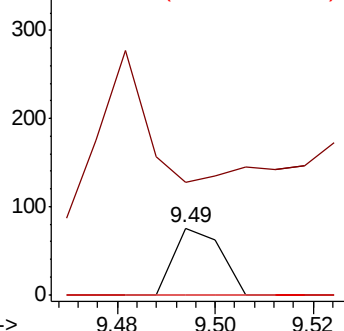
174 0.0 84.0 126.0#

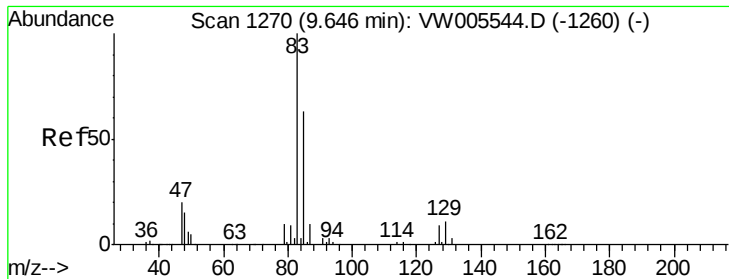


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 6.740 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

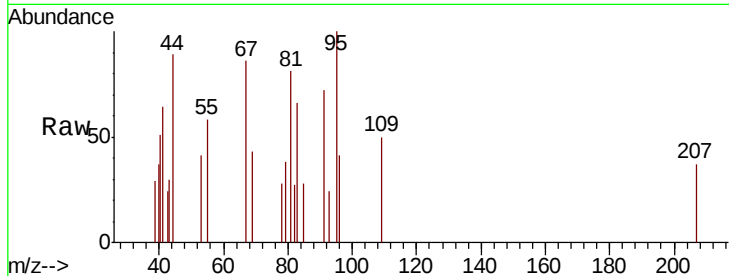
Tot Ion: 83 Resp: 158

Ion Ratio Lower Upper

83 100

85 41.8 50.5 75.7#

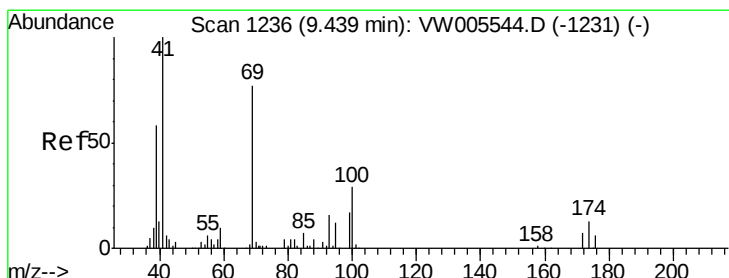
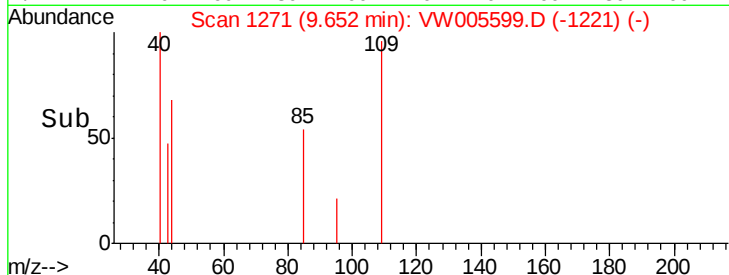
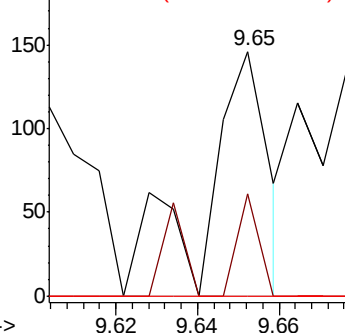
127 0.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 103.082 ug/l

RT: 9.52 min Scan# 1250

Delta R.T. 0.09 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

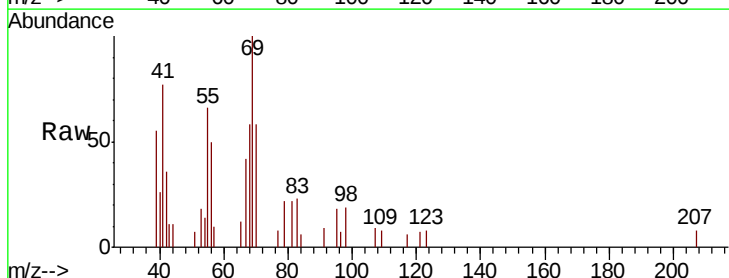
Tgt Ion: 41 Resp: 1015

Ion Ratio Lower Upper

41 100

69 186.7 64.7 97.1#

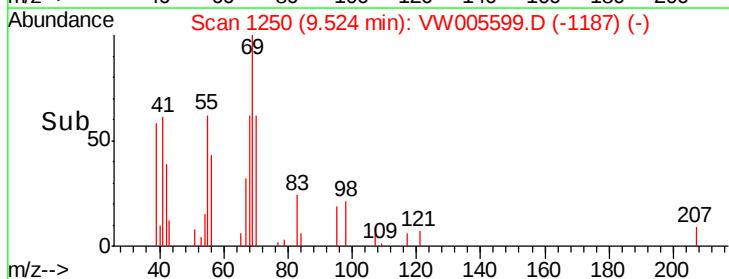
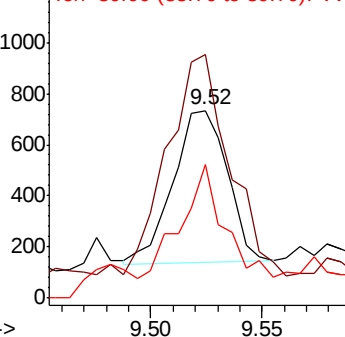
39 59.4 50.5 75.7

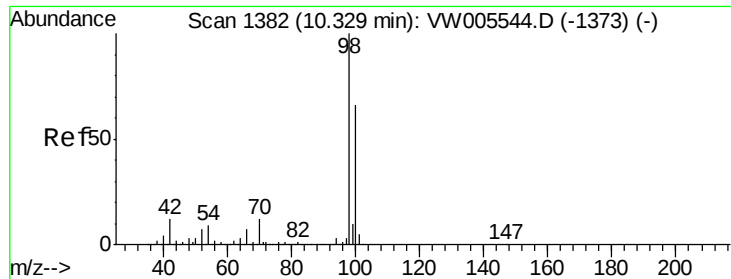


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

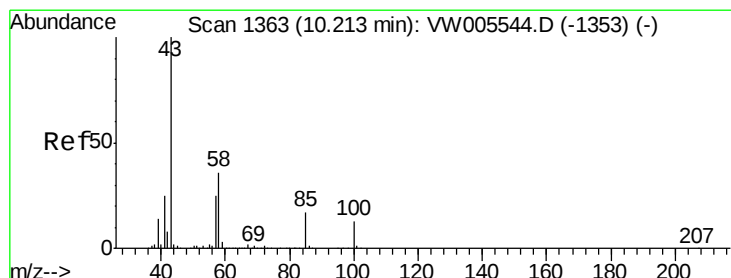
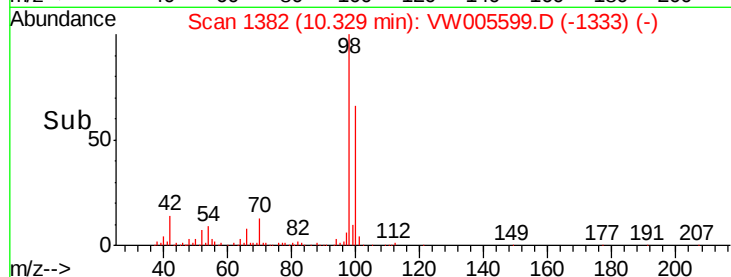
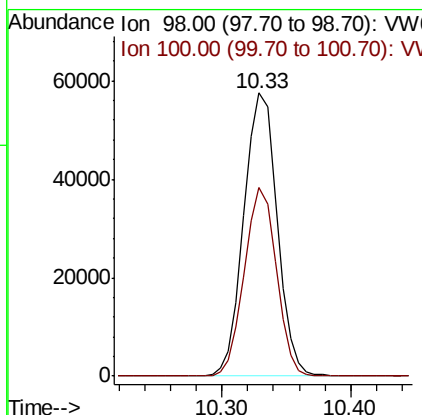
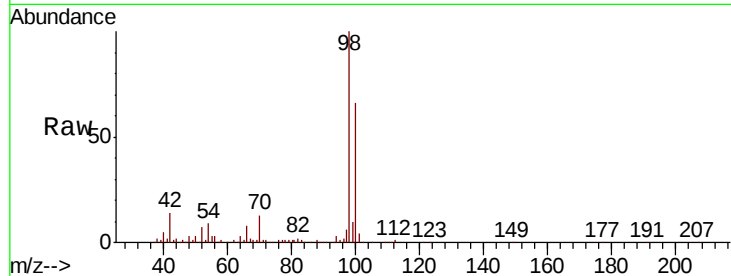




#50
Toluene-d8
Concen: 1612.616 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

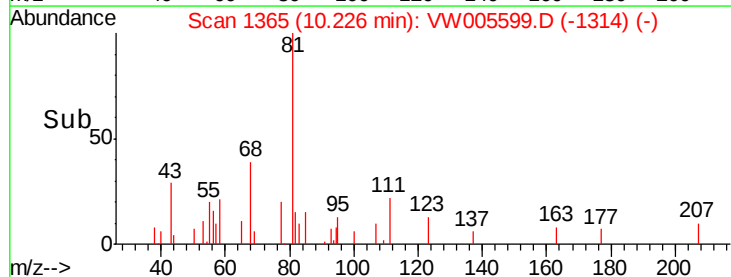
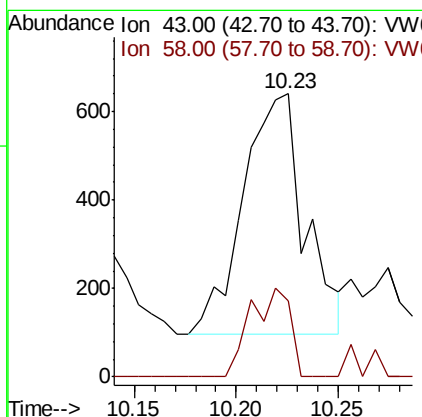
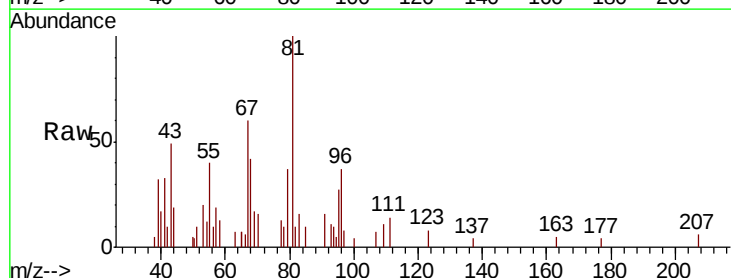
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

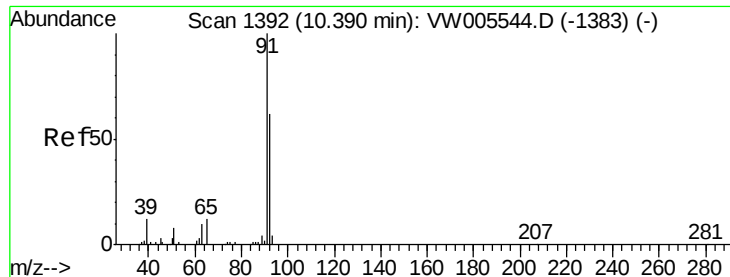
Tot Ion: 98 Resp: 102777
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 109.182 ug/l
RT: 10.23 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 23.8 30.0 45.0#





#52

Toluene

Concen: 29078.113 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

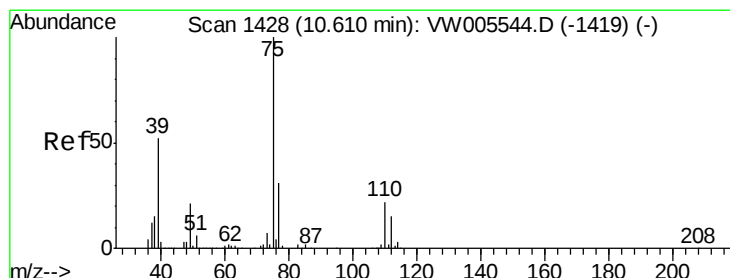
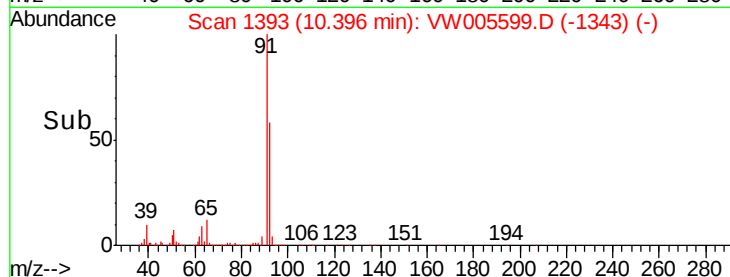
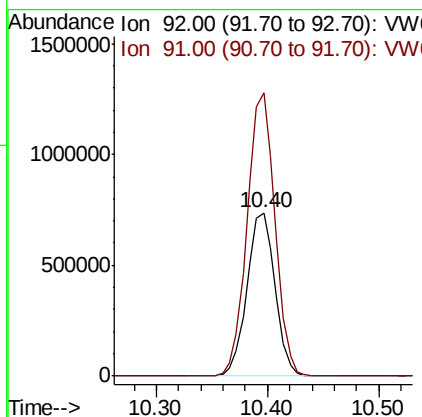
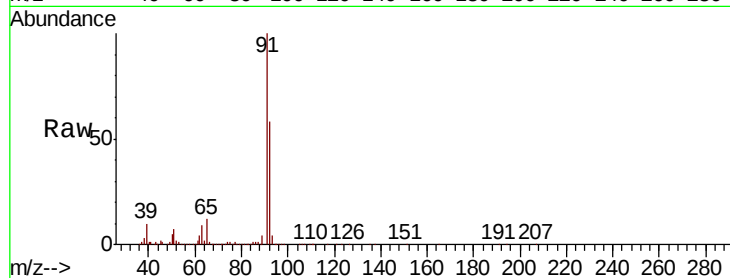
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 92 Resp: 1288045

Ion Ratio Lower Upper

92 100

91 172.3 137.1 205.7



#53

t-1,3-Dichloropropene

Concen: 702.882 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.22 min

Lab File: VW005599.D

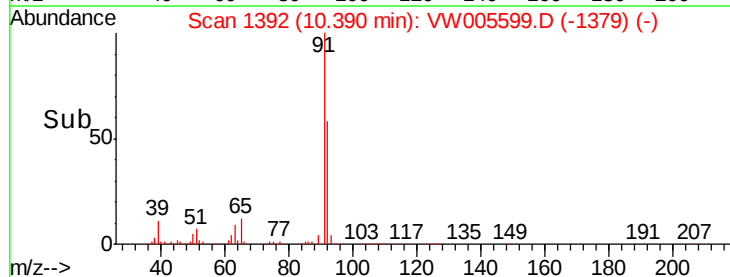
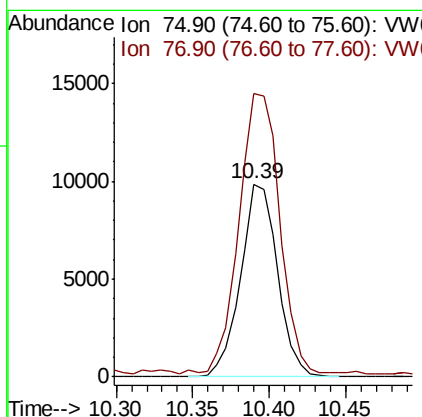
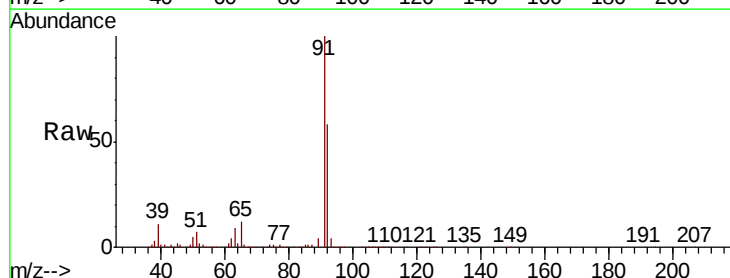
Acq: 24 Sep 2018 21:22

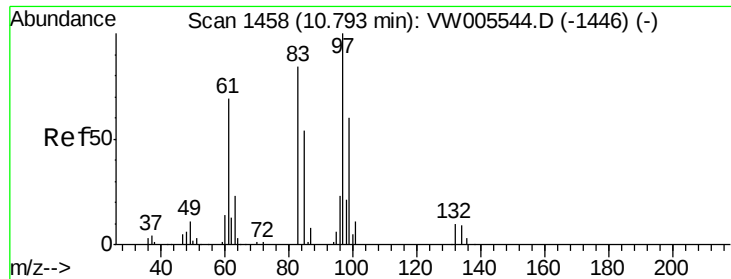
Tgt Ion: 75 Resp: 16518

Ion Ratio Lower Upper

75 100

77 144.7 24.6 37.0#

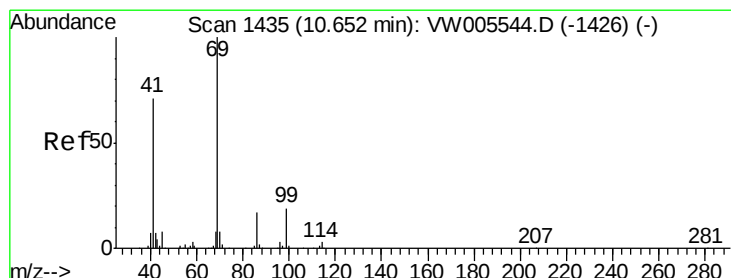
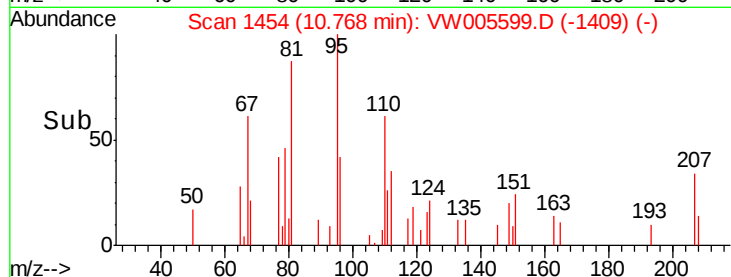
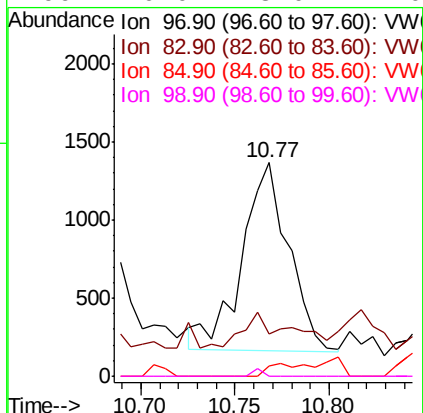
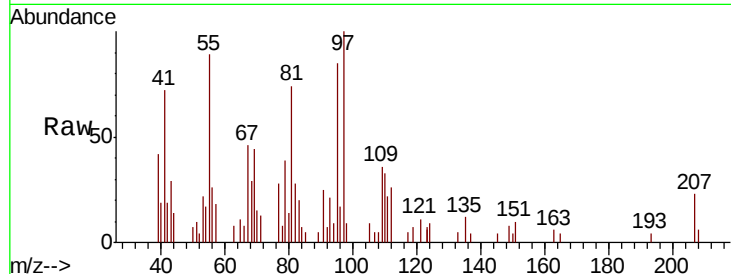




#55
 1,1,2-Trichloroethane
 Concen: 167.512 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

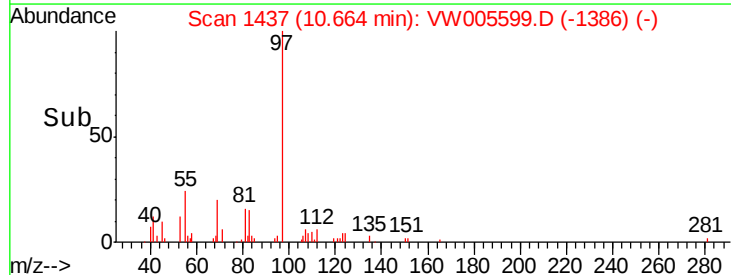
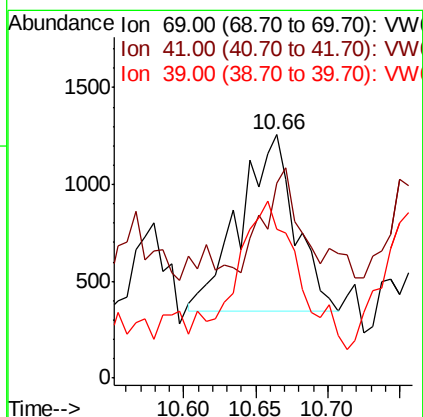
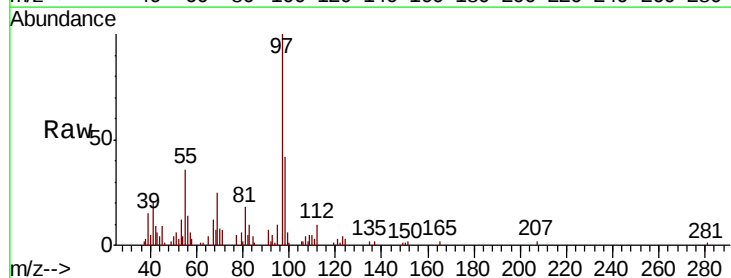
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

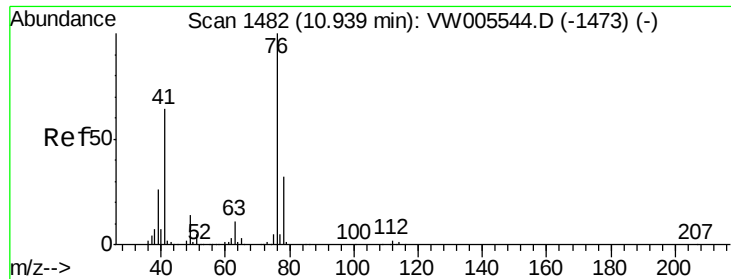
Tot Ion:	97	Resp:	2075
Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.4	101.2#
85	5.8	43.3	64.9#
99	0.0	48.0	72.0#



#56
 Ethyl methacrylate
 Concen: 159.436 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion:	69	Resp:	2438
Ion	Ratio	Lower	Upper
69	100		
41	35.1	57.3	85.9#
39	0.0	29.2	43.8#

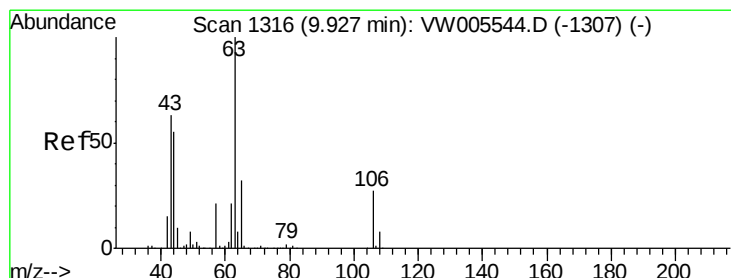
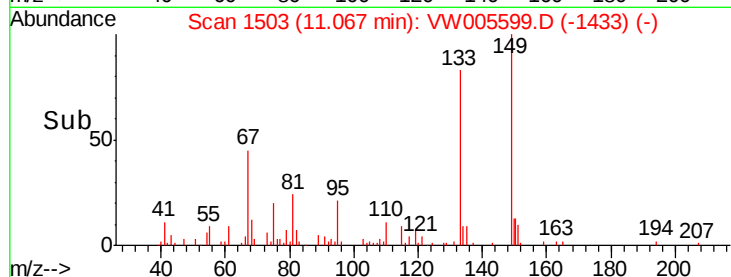
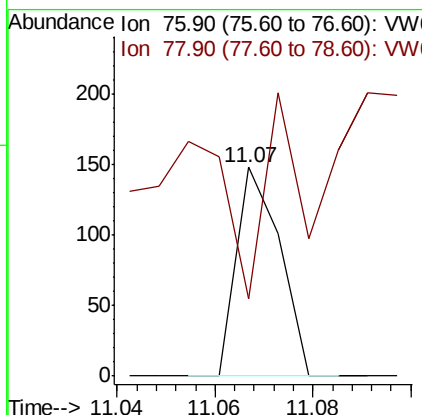
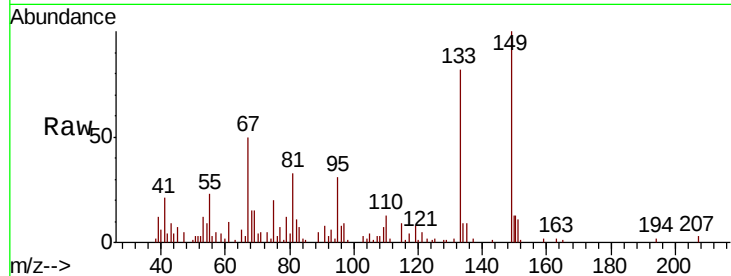




#57
 1,3-Dichloropropane
 Concen: 4.145 ug/l
 RT: 11.07 min Scan# 1503
 Delta R.T. 0.13 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

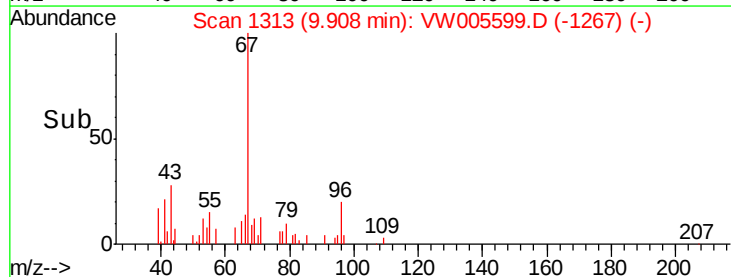
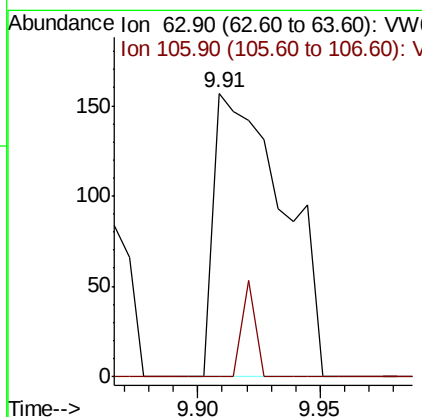
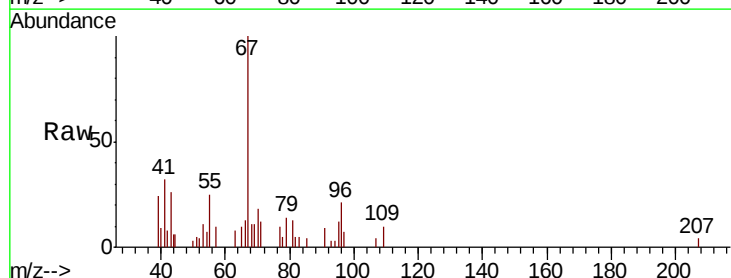
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-PH4-AREA-9-

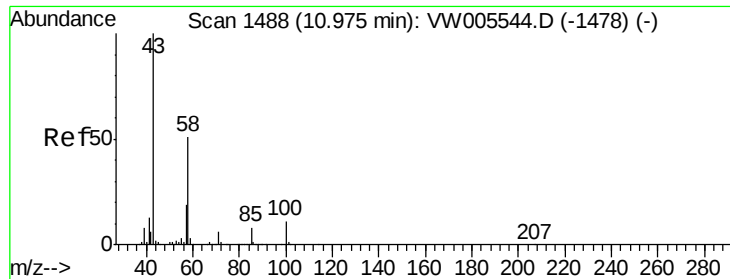
Tot Ion: 76 Resp: 91
 Ion Ratio Lower Upper
 76 100
 78 341.8 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 44.866 ug/l
 RT: 9.91 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VW005599.D
 Acq: 24 Sep 2018 21:22

Tgt Ion: 63 Resp: 311
 Ion Ratio Lower Upper
 63 100
 106 6.1 21.6 32.4#

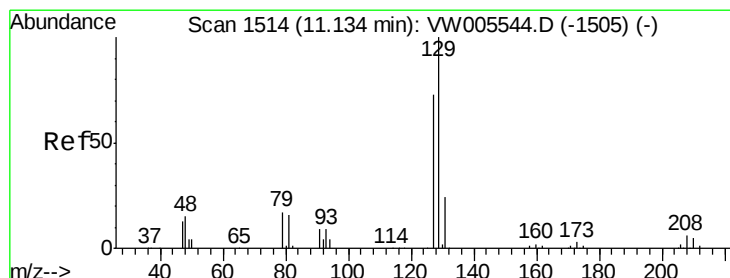
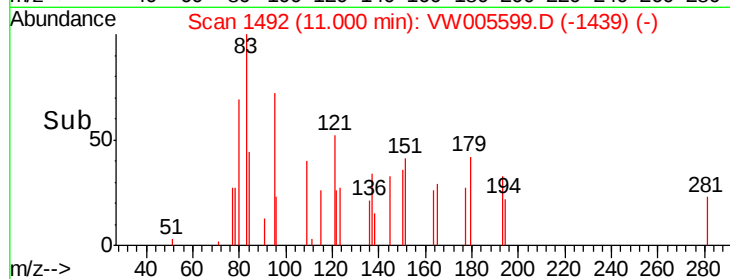
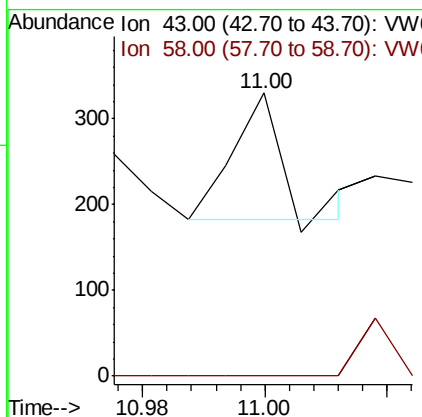
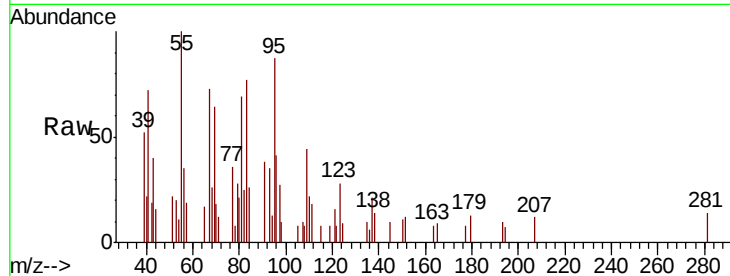




#59
2-Hexanone
Concen: 11.702 ug/l
RT: 11.00 min Scan# 1492
Delta R.T. 0.02 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

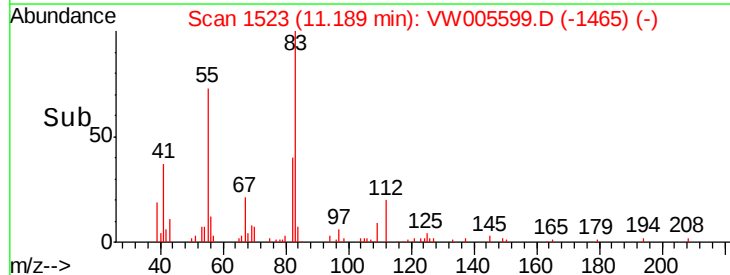
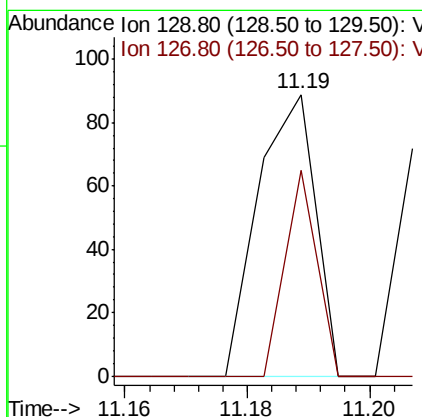
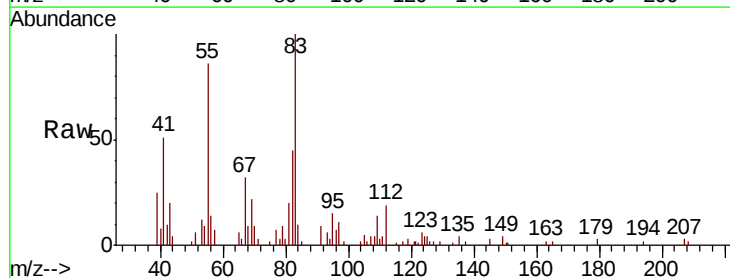
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

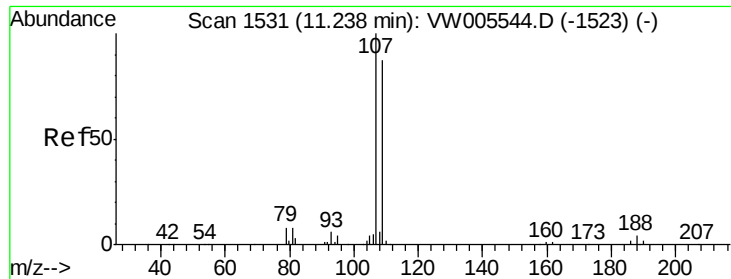
Tot Ion: 43.00 Resp: 83
Ion Ratio Lower Upper
43 100
58 30.1 25.3 75.9



#60
Dibromochloromethane
Concen: 3.875 ug/l
RT: 11.19 min Scan# 1523
Delta R.T. 0.05 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 129 Resp: 58
Ion Ratio Lower Upper
129 100
127 41.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.521 ug/l

RT: 11.14 min Scan# 1515

Delta R.T. -0.10 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

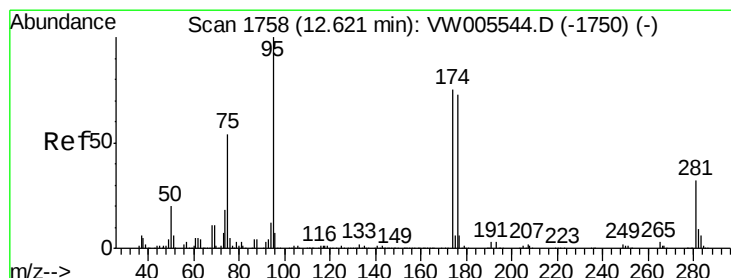
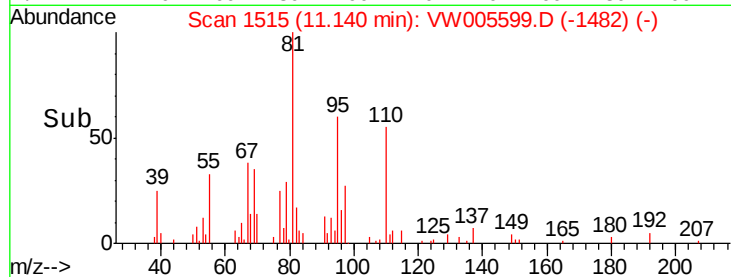
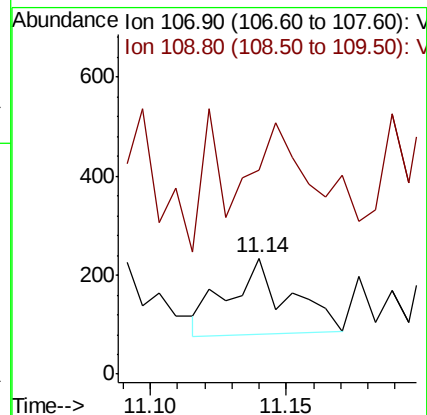
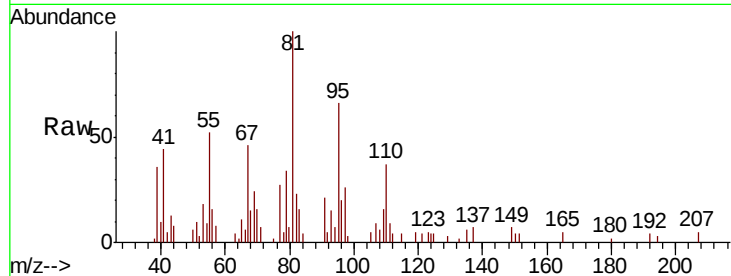
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion:107 Resp: 237

Ion Ratio Lower Upper

107 100

109 99.6 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 1514.241 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

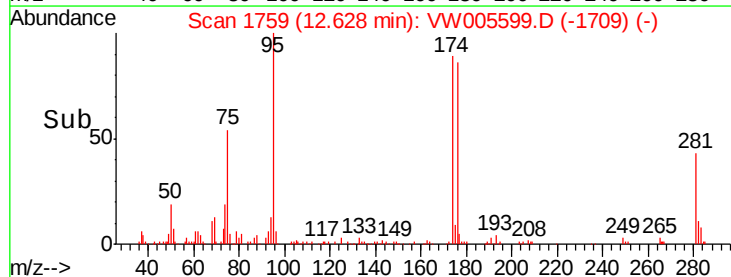
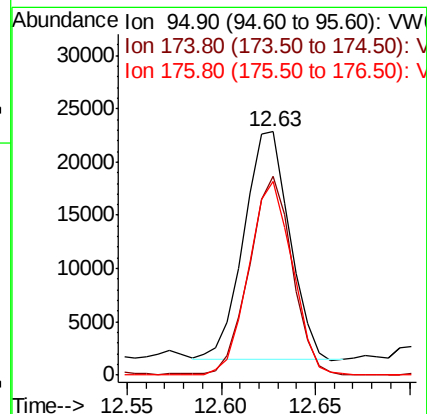
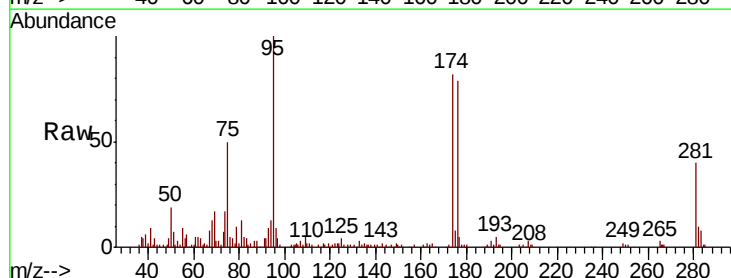
Tgt Ion: 95 Resp: 35710

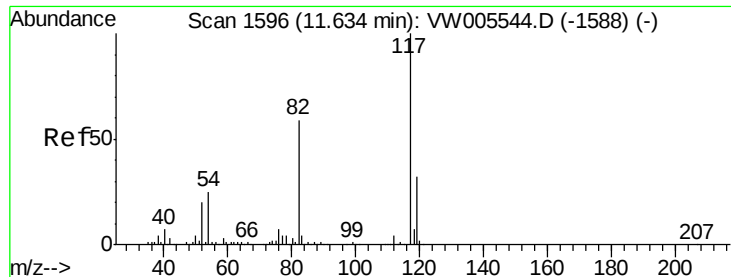
Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.8

176 81.7 0.0 158.0

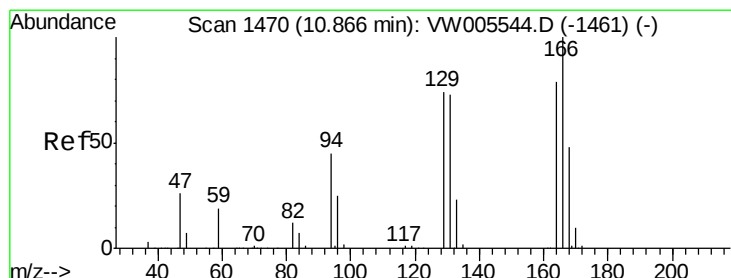
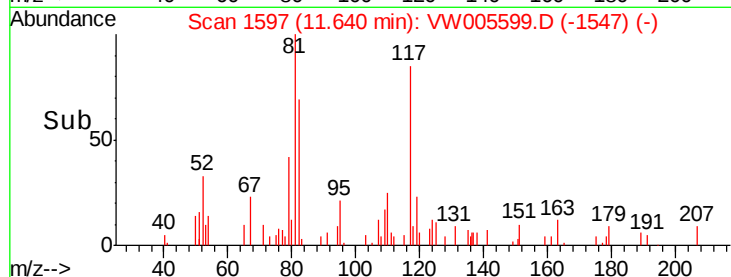
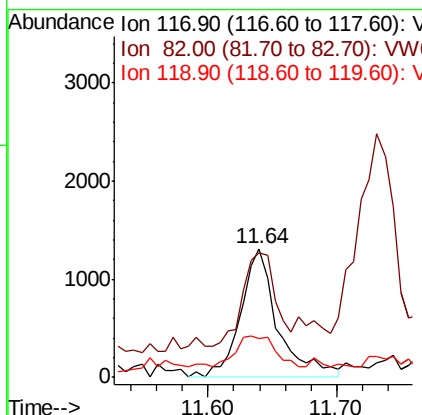
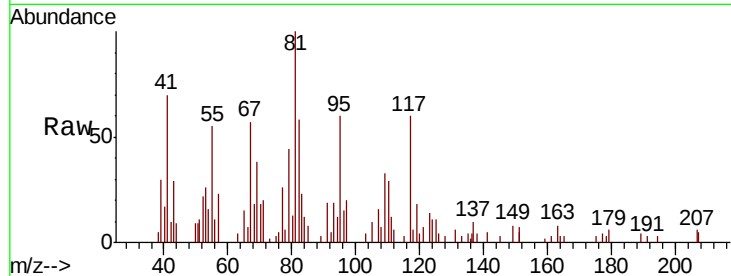




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

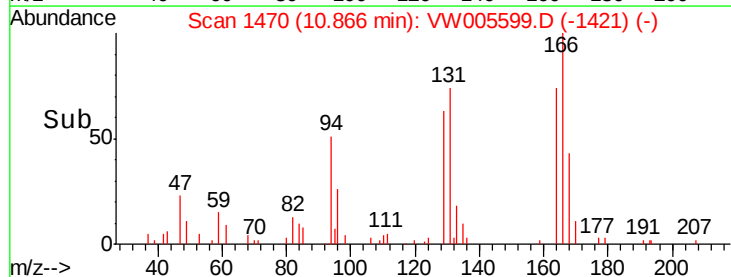
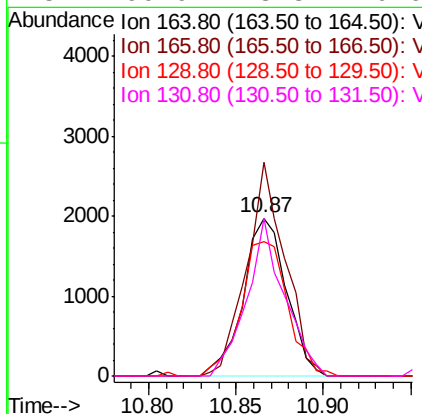
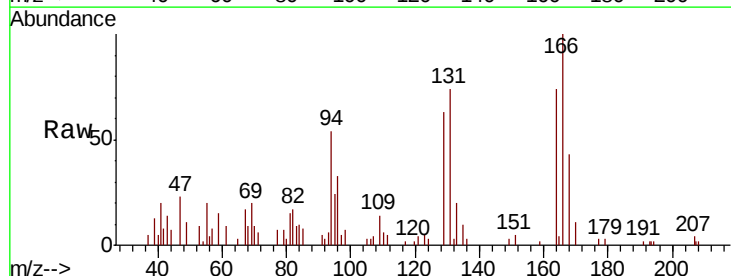
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

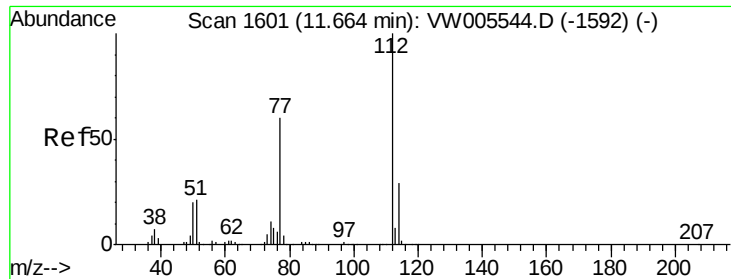
Tot Ion:117 Resp: 2611
Ion Ratio Lower Upper
117 100
82 72.5 46.9 70.3#
119 21.9 25.7 38.5#



#64
Tetrachloroethene
Concen: 182.718 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:164 Resp: 3386
Ion Ratio Lower Upper
164 100
166 135.2 101.1 151.7
129 85.0 74.4 111.6
131 99.9 73.8 110.6

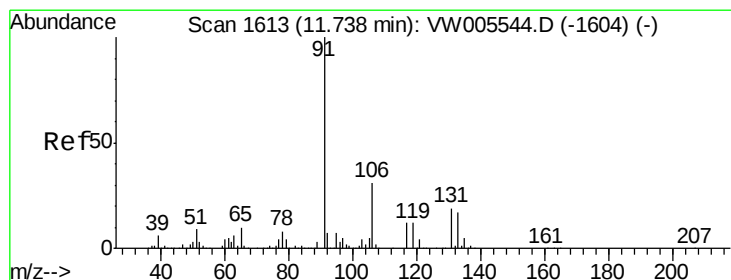
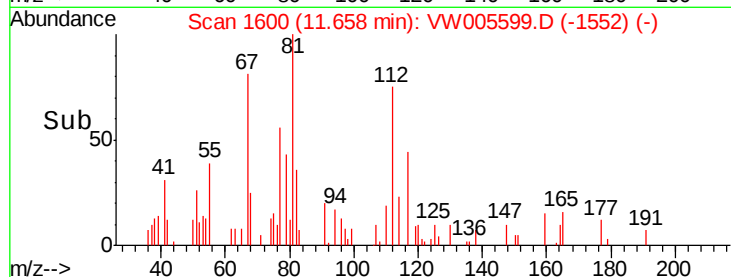
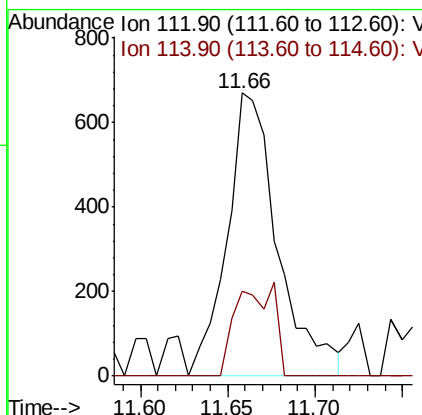
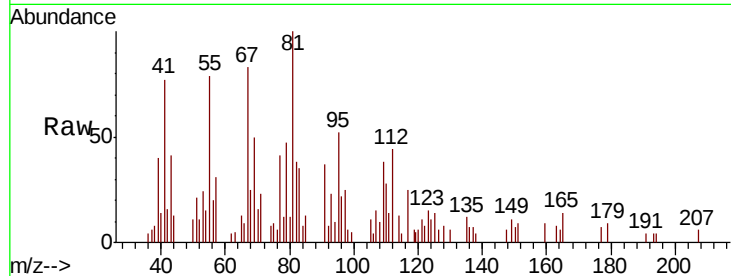




#65
Chlorobenzene
Concen: 24.410 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

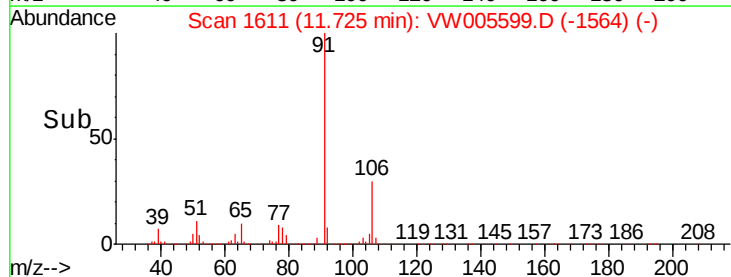
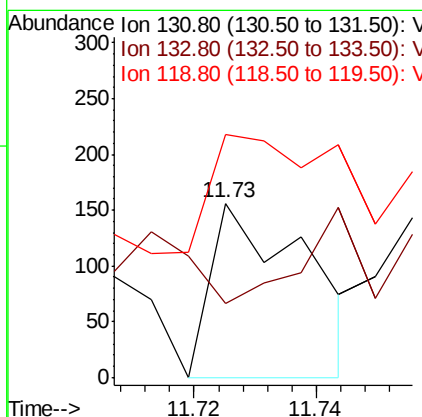
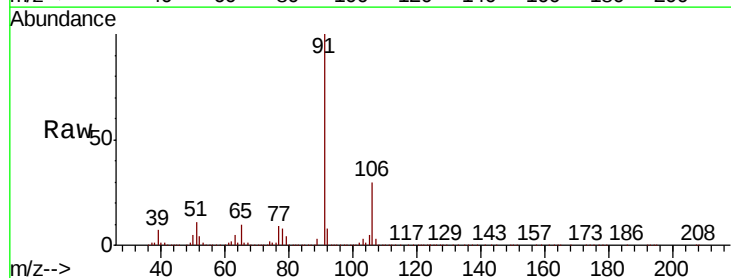
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

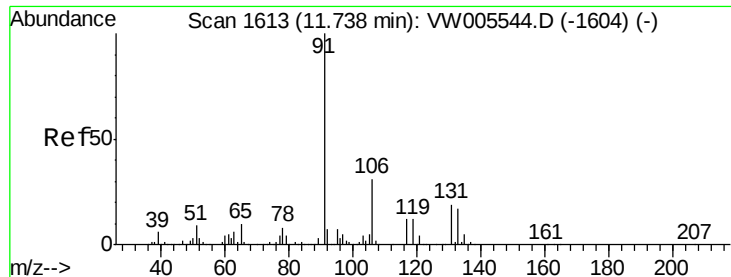
Tot Ion:112 Resp: 1353
Ion Ratio Lower Upper
112 100
114 30.1 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 8.421 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:131 Resp: 168
Ion Ratio Lower Upper
131 100
133 153.0 47.2 141.6#
119 189.3 31.1 93.2#

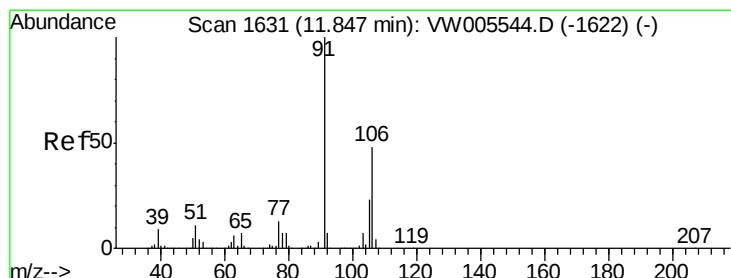
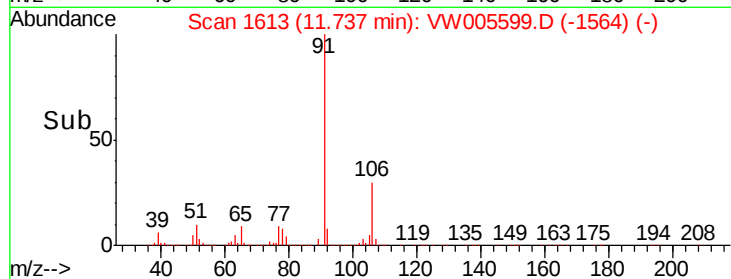
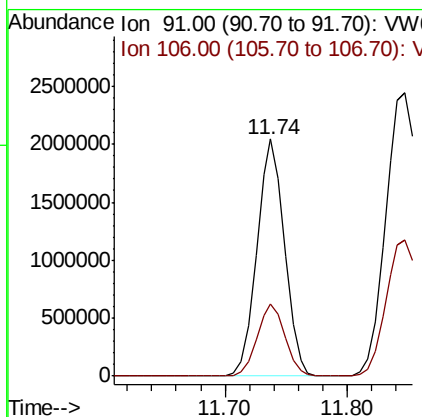
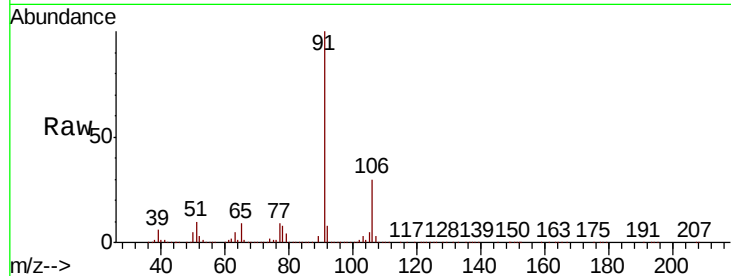




#67
Ethyl Benzene
Concen: 32622.007 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

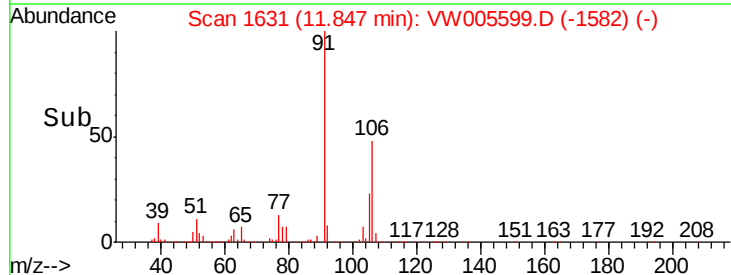
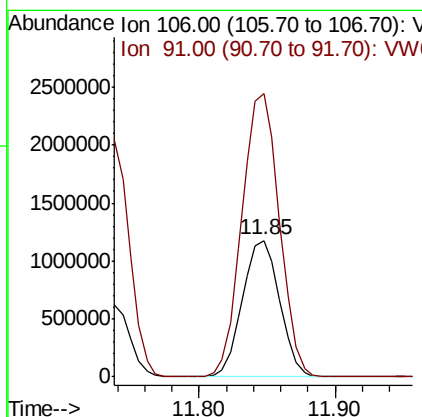
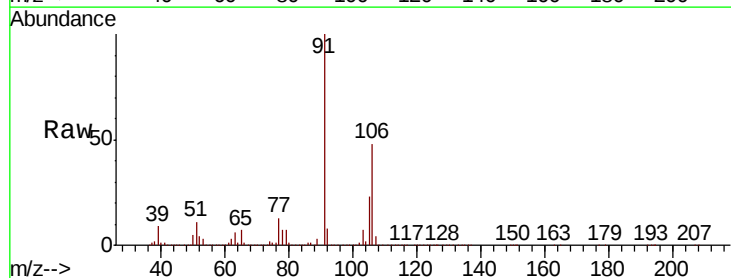
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

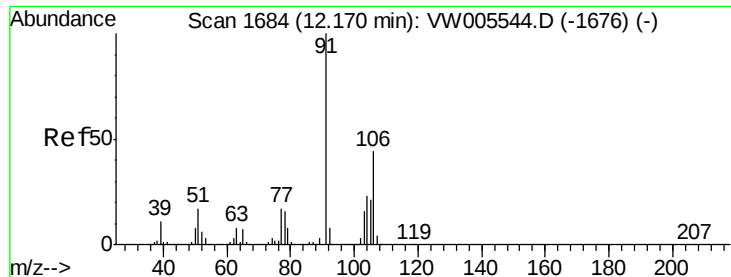
Tot Ion: 91 Resp: 3209541
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 60587.350 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 106 Resp: 2252062
Ion Ratio Lower Upper
106 100
91 208.9 167.8 251.8

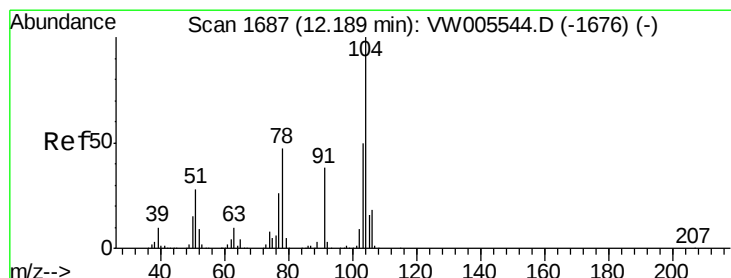
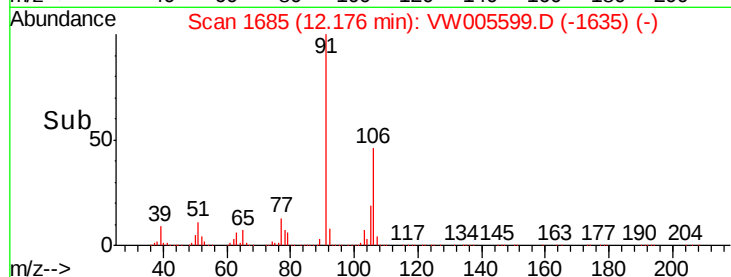
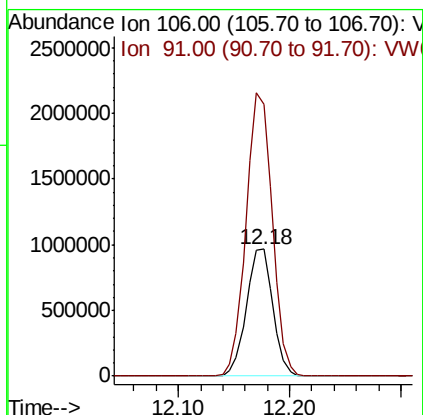
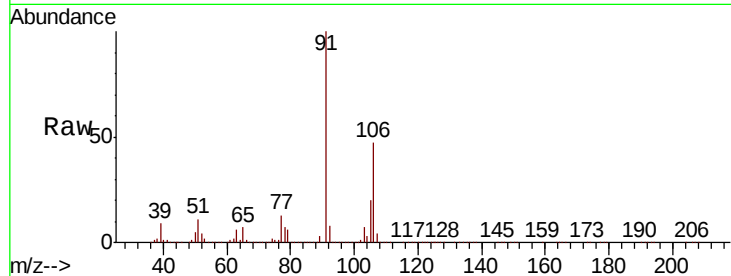




#69
o-Xylene
Concen: 45802.352 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

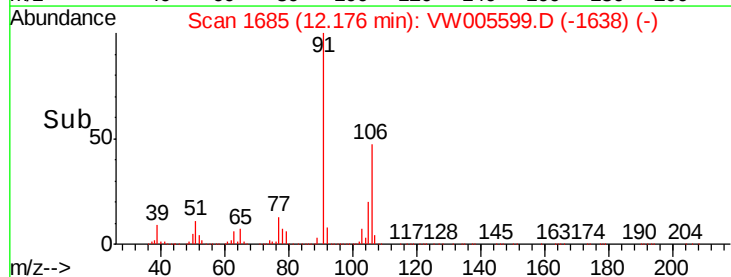
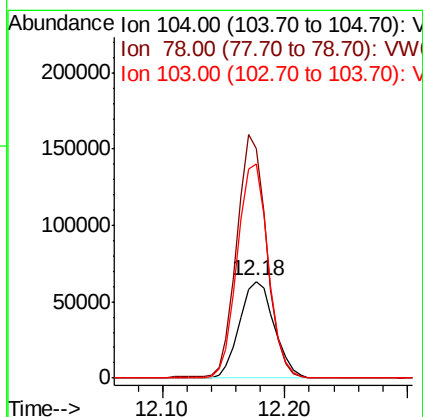
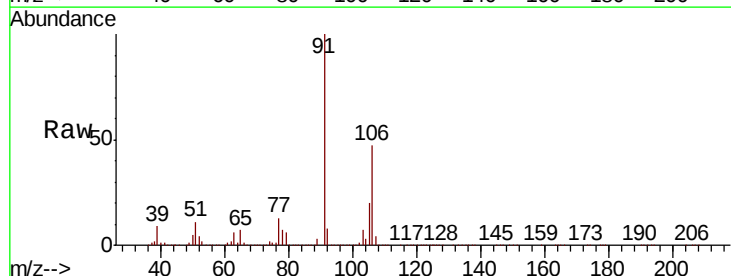
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

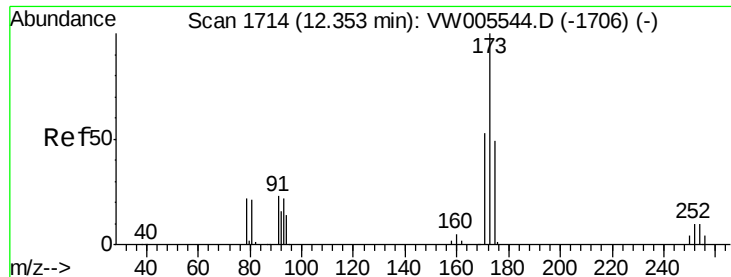
Tot Ion:106 Resp: 1594456
Ion Ratio Lower Upper
106 100
91 221.9 111.0 333.0



#70
Styrene
Concen: 2130.068 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:104 Resp: 124788
Ion Ratio Lower Upper
104 100
78 216.4 42.2 63.4#
103 196.3 44.6 66.8#





#71

Bromoform

Concen: 6.610 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.07 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

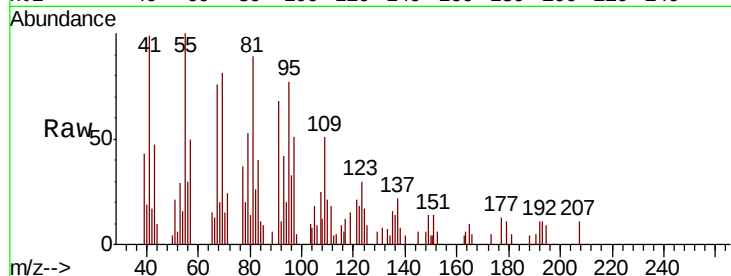
Tot Ion:173 Resp: 70

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.9#

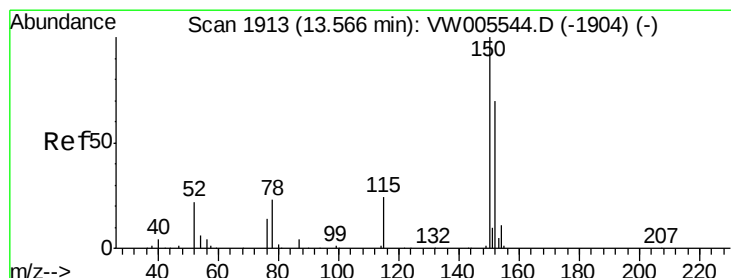
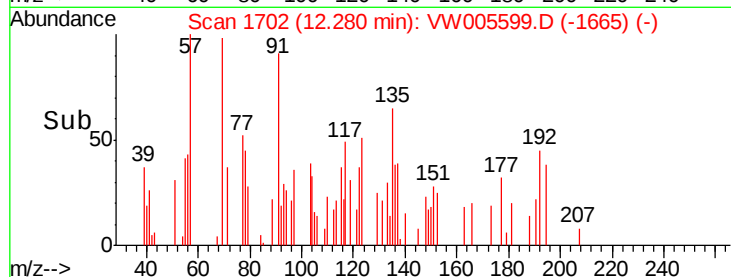
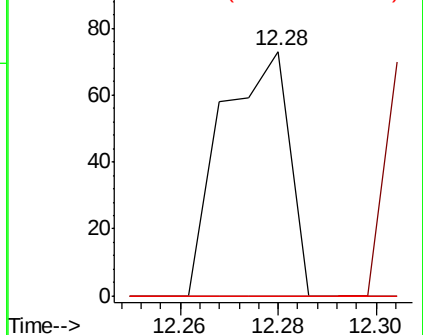
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

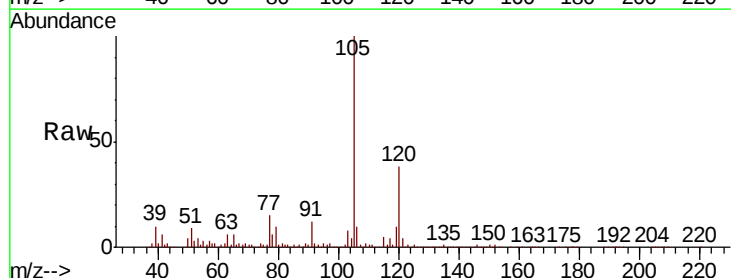
Tgt Ion:152 Resp: 1581

Ion Ratio Lower Upper

152 100

115 0.0 30.0 90.0#

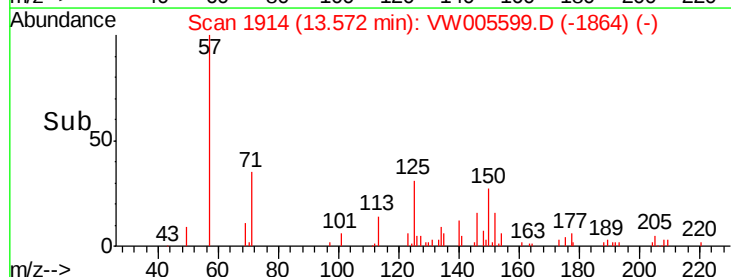
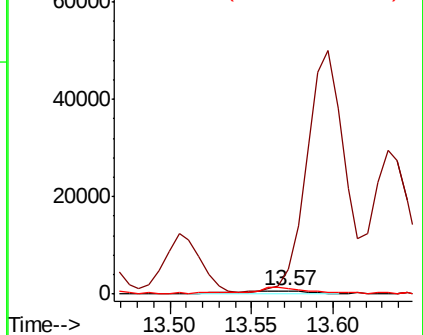
150 144.7 0.0 348.6

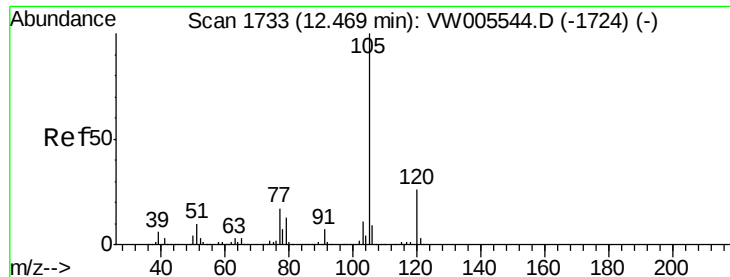


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7470.772 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

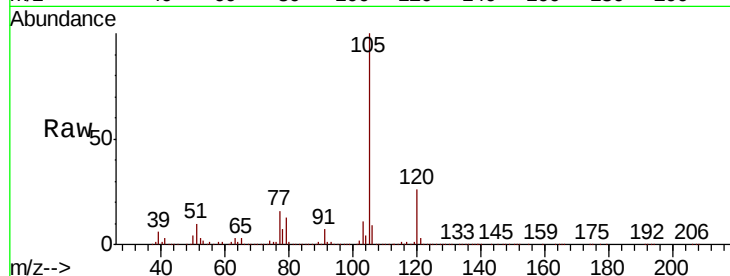
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion:105 Resp: 819081

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

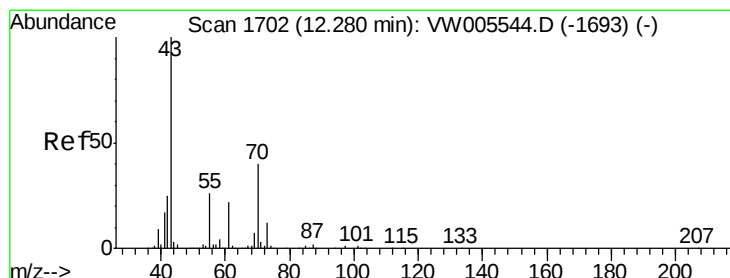
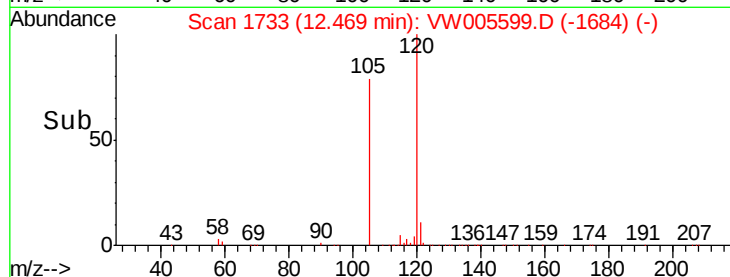
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 87.931 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Tgt Ion: 43 Resp: 2183

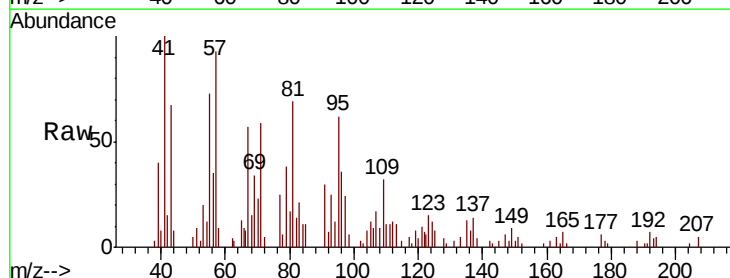
Ion Ratio Lower Upper

43 100

70 29.0 31.4 47.0#

55 106.6 20.9 31.3#

61 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

4000

3000

2000

1000

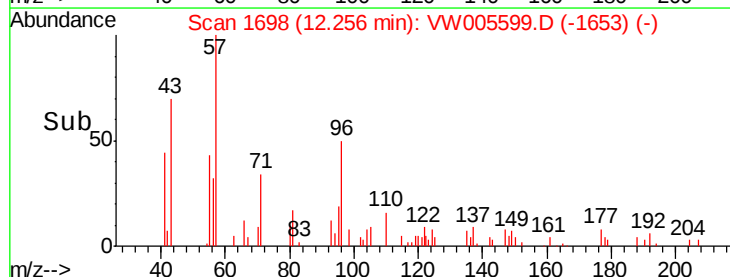
0

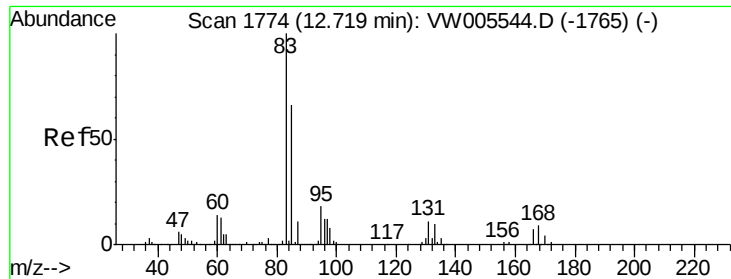
12.26

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 33.716 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

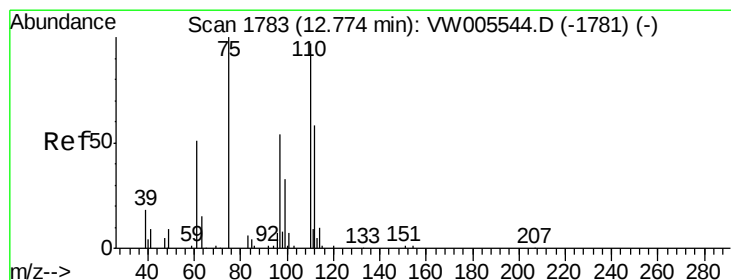
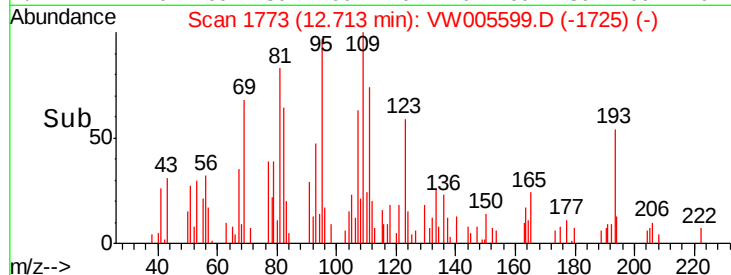
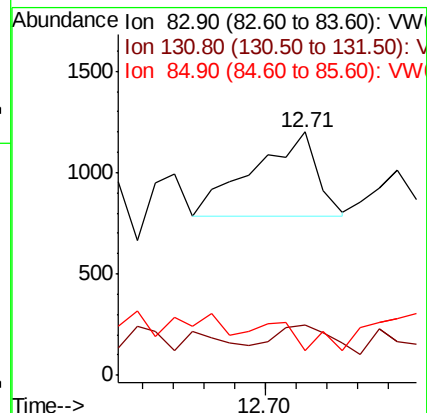
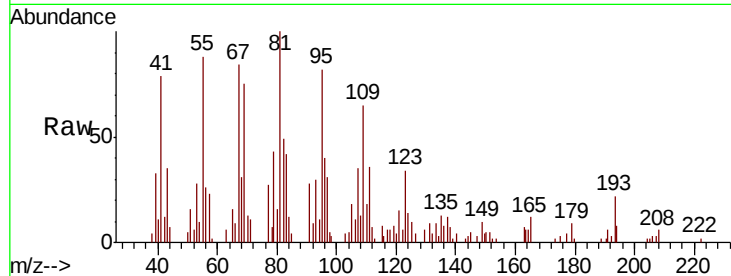
Tot Ion: 83 Resp: 614

Ion Ratio Lower Upper

83 100

131 29.0 5.5 16.7#

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 2476.450 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. 0.10 min

Lab File: VW005599.D

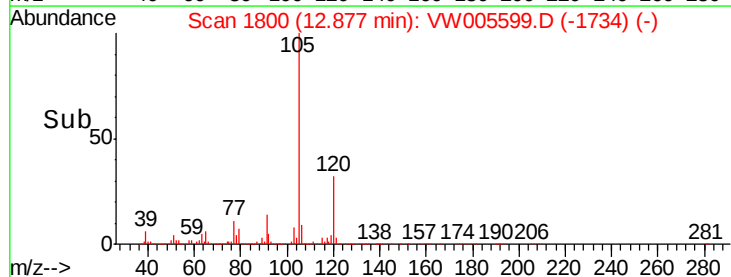
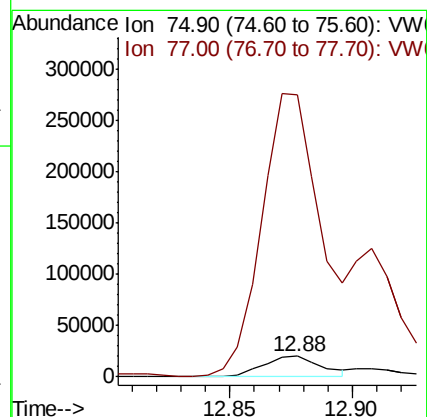
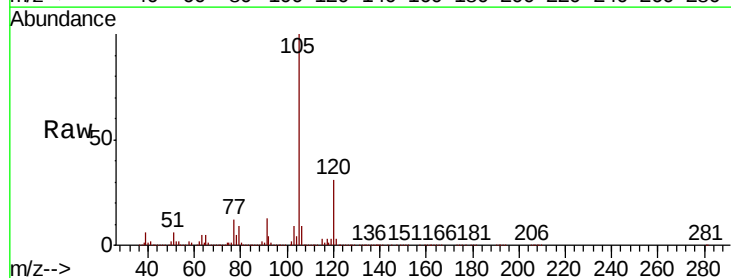
Acq: 24 Sep 2018 21:22

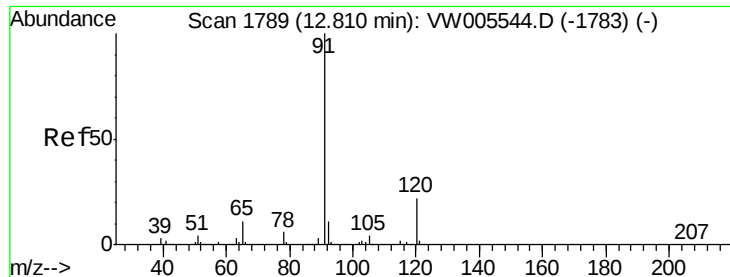
Tgt Ion: 75 Resp: 33375

Ion Ratio Lower Upper

75 100

77 1392.3 0.0 0.0#





#78

n-propylbenzene

Concen: 557.370 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

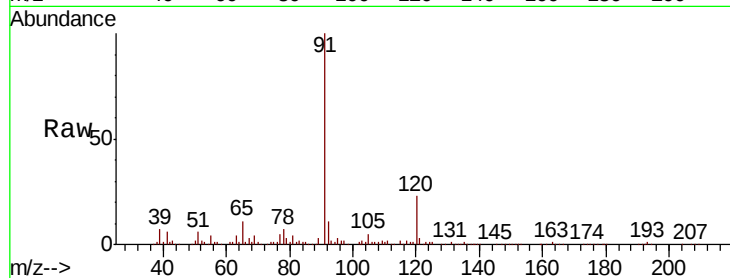
2018-NYSEG-CLARK-PH4-AREA-9-

Tot Ion: 91 Resp: 73984

Ion Ratio Lower Upper

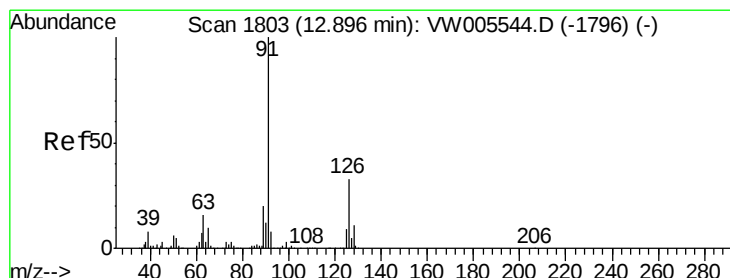
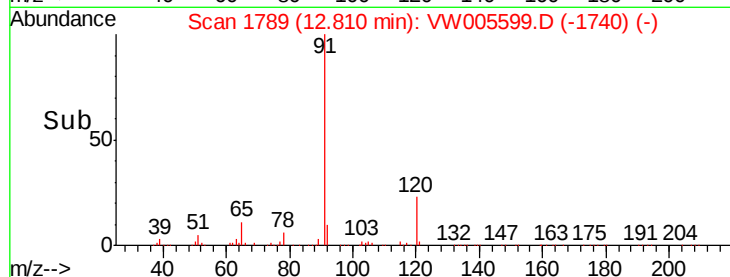
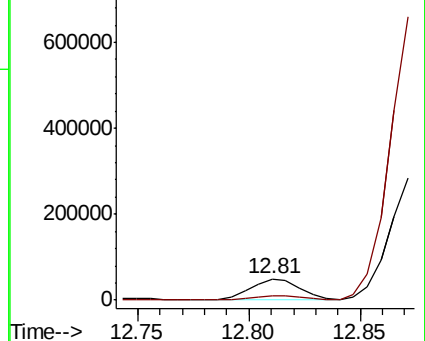
91 100

120 0.0 11.2 33.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6132.737 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. -0.02 min

Lab File: VW005599.D

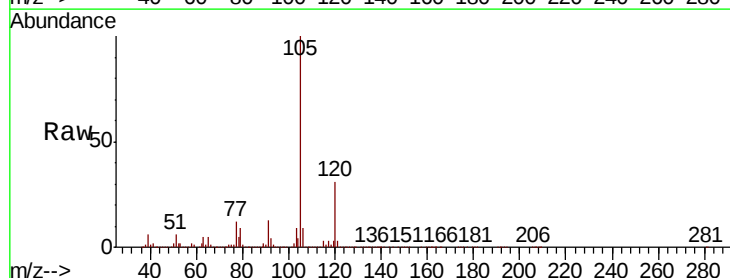
Acq: 24 Sep 2018 21:22

Tgt Ion: 91 Resp: 470970

Ion Ratio Lower Upper

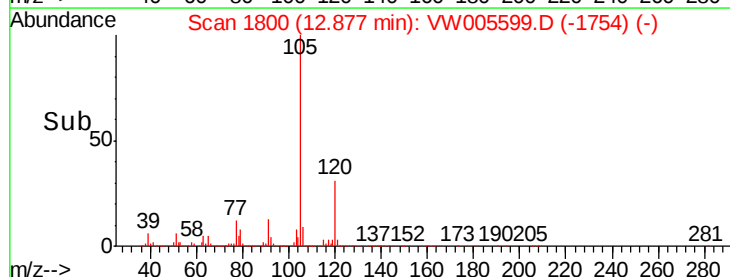
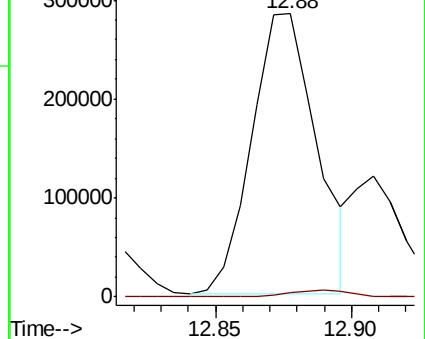
91 100

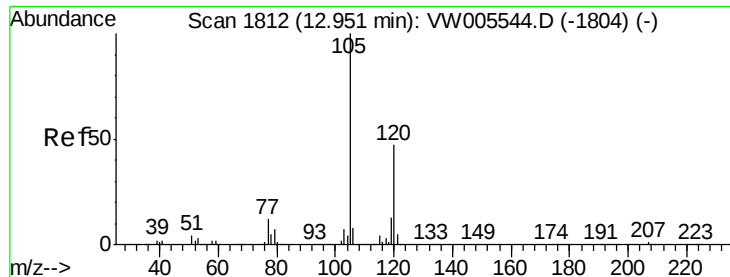
126 2.4 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



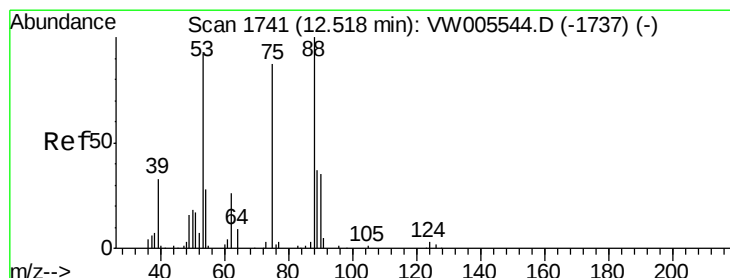
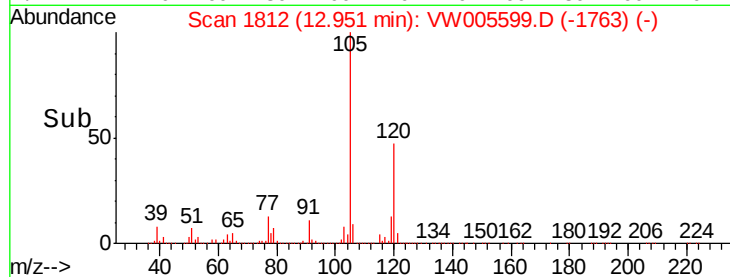
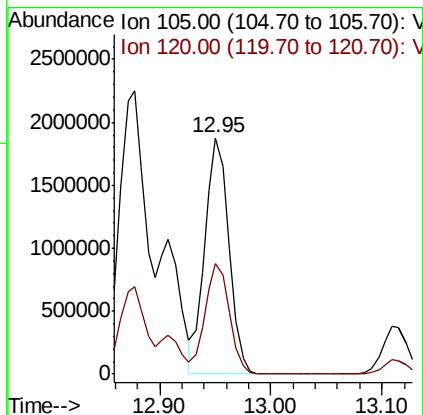
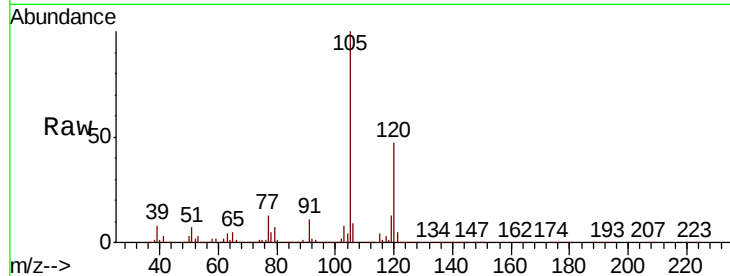


#80

1,3,5-Trimethylbenzene
Concen: 29563.121 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

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

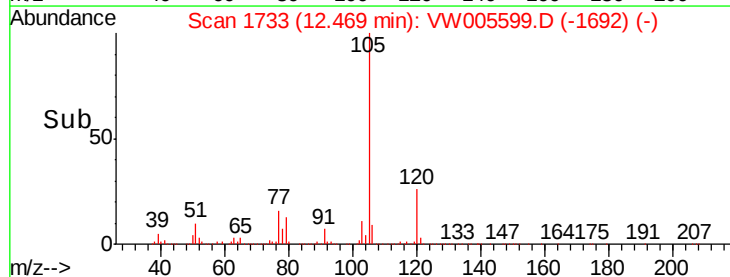
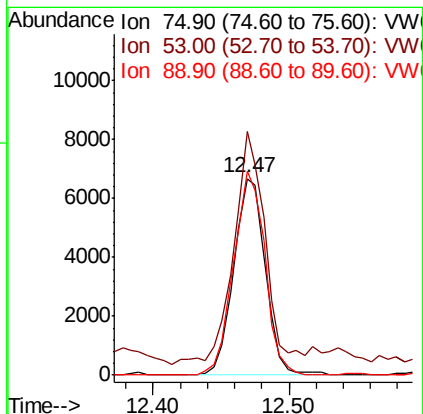
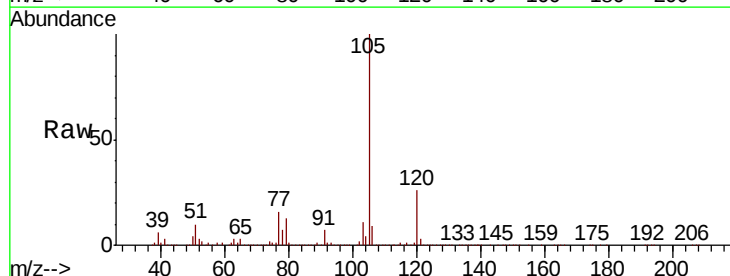
Tot Ion:105 Resp: 2818398
Ion Ratio Lower Upper
105 100
120 47.3 23.6 70.8

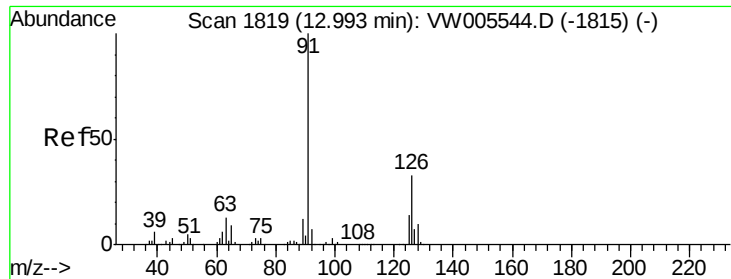


#81

trans-1,4-Dichloro-2-butene
Concen: 1802.582 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 75 Resp: 10786
Ion Ratio Lower Upper
75 100
53 117.7 85.8 128.6
89 102.8 37.3 55.9#

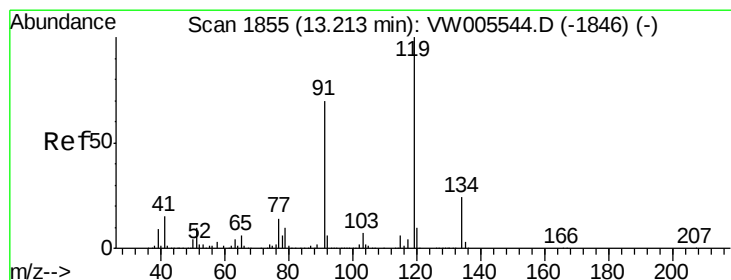
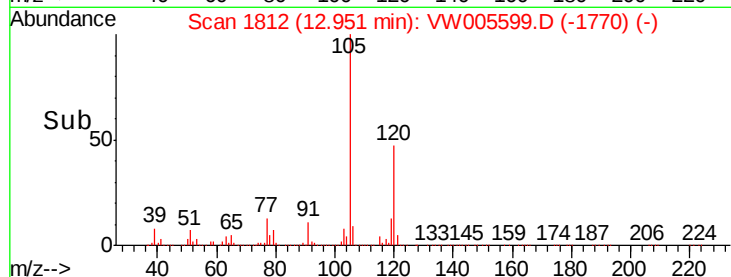
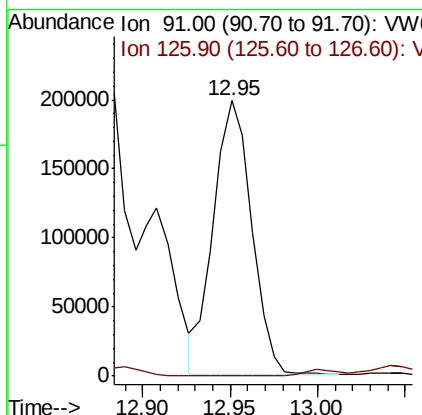
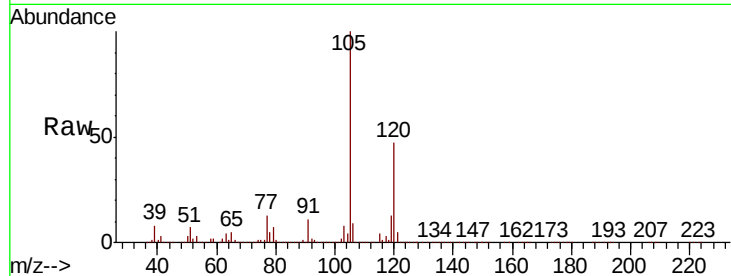




#82
4-Chlorotoluene
Concen: 3715.950 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.04 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

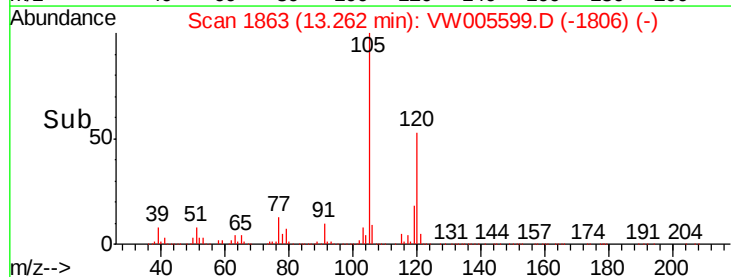
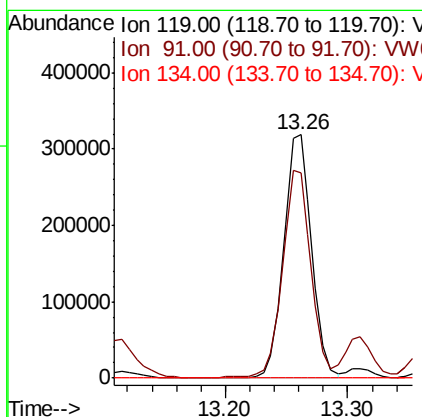
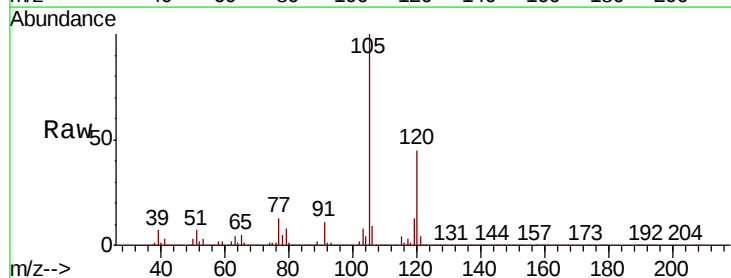
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

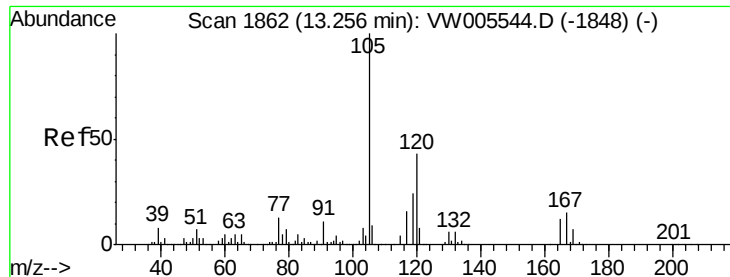
Tot Ion: 91 Resp: 301516
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#83
tert-Butylbenzene
Concen: 6284.360 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.05 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion: 119 Resp: 503335
Ion Ratio Lower Upper
119 100
91 86.0 34.6 103.8
134 0.0 12.6 37.6#

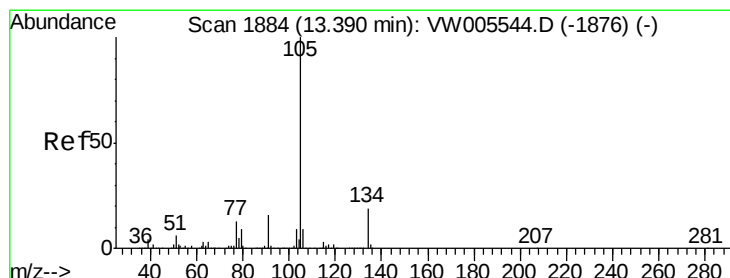
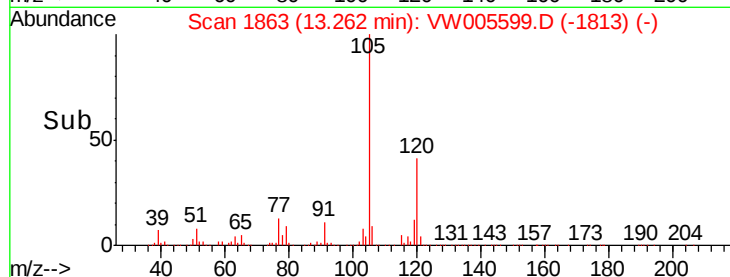
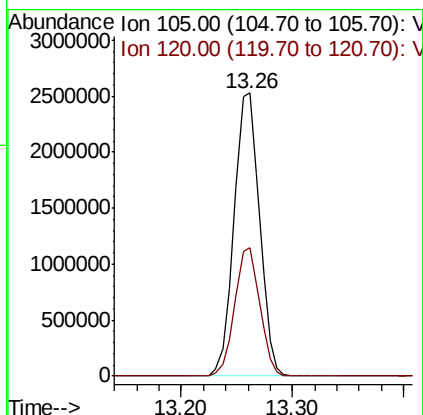
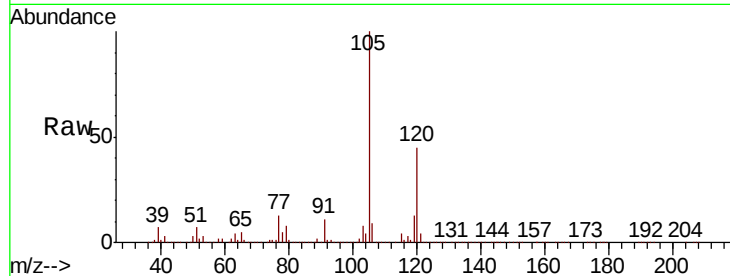




#84
1,2,4-Trimethylbenzene
Concen: 41509.930 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

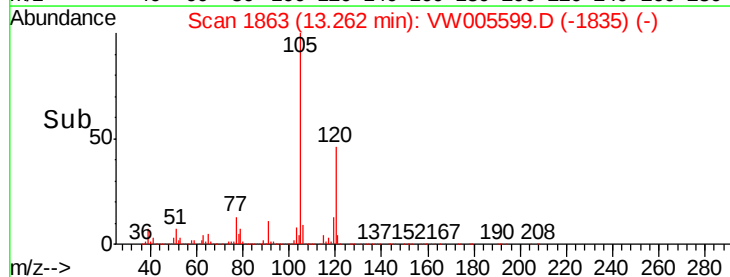
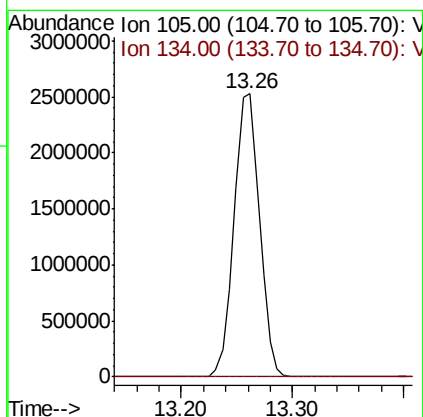
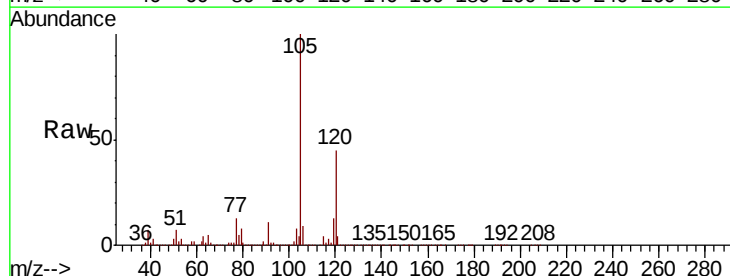
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

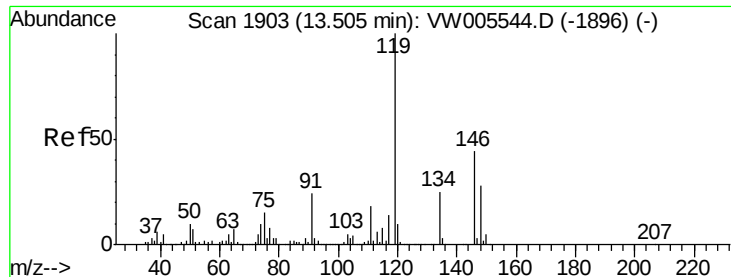
Tot Ion:105 Resp: 3993507
Ion Ratio Lower Upper
105 100
120 44.6 21.5 64.5



#85
sec-Butylbenzene
Concen: 34379.086 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.13 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:105 Resp: 3993507
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#

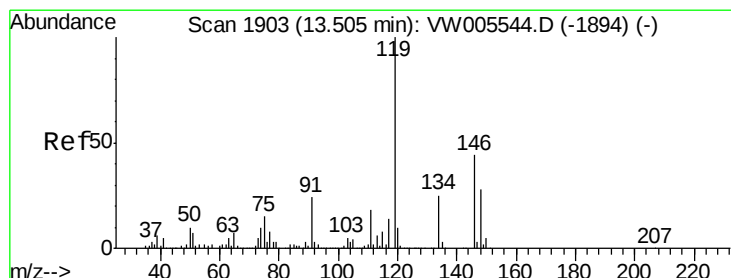
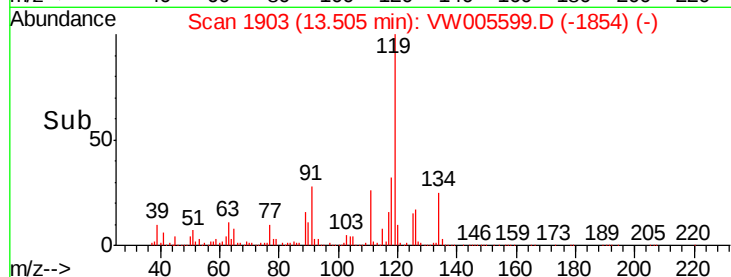
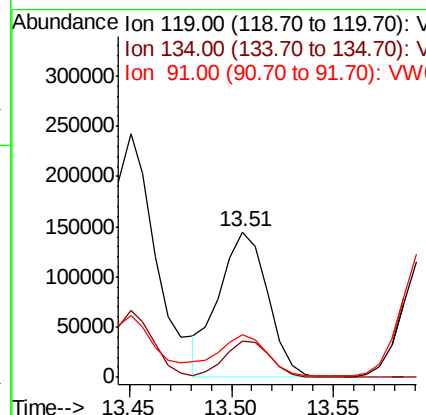
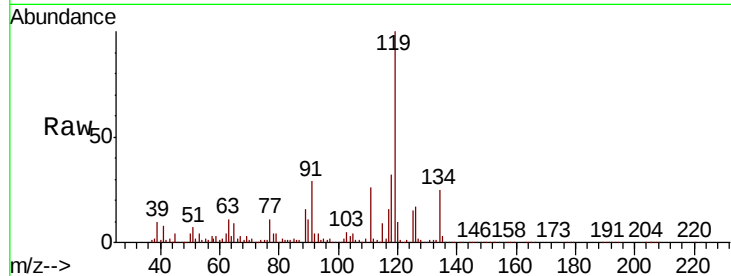




#86
p-Isopropyltoluene
Concen: 2292.188 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

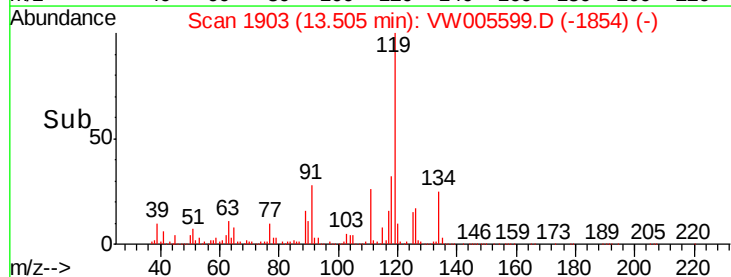
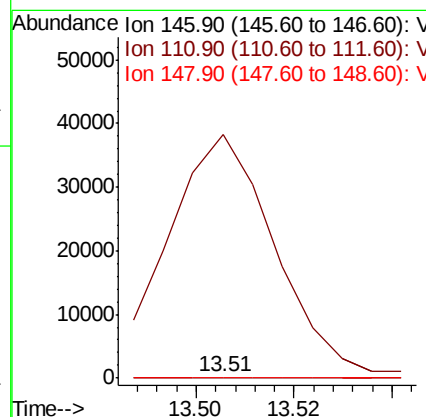
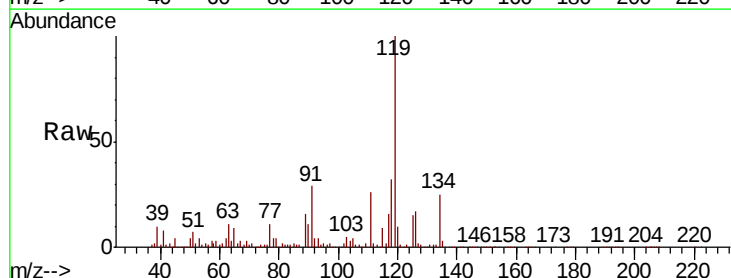
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-PH4-AREA-9-

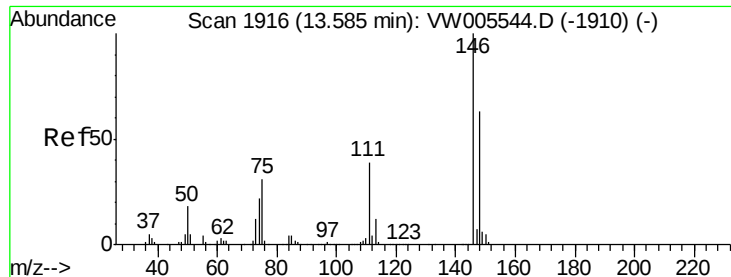
Tot Ion:119 Resp: 238658
Ion Ratio Lower Upper
119 100
134 23.1 12.7 38.1
91 31.1 12.2 36.4



#87
1,3-Dichlorobenzene
Concen: 3.083 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:146 Resp: 162
Ion Ratio Lower Upper
146 100
111 35623.5 20.3 60.9#
148 192.6 31.8 95.4#





#88

1,4-Dichlorobenzene

Concen: 32.530 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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

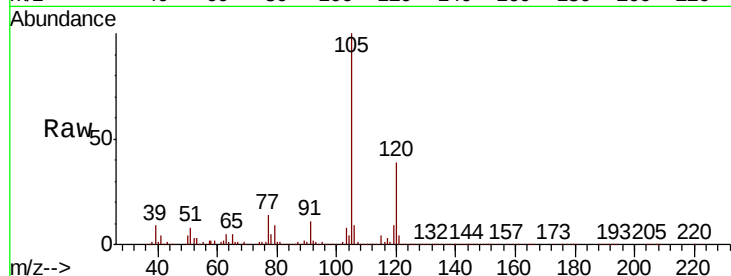
Tot Ion:146 Resp: 1700

Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

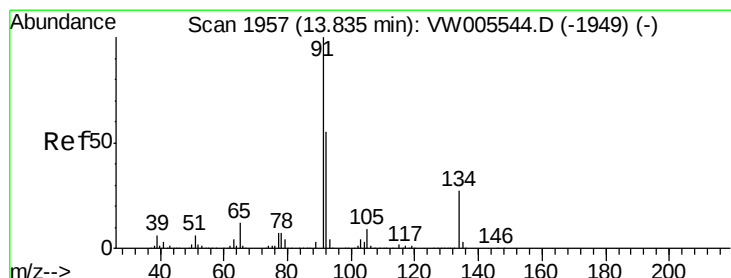
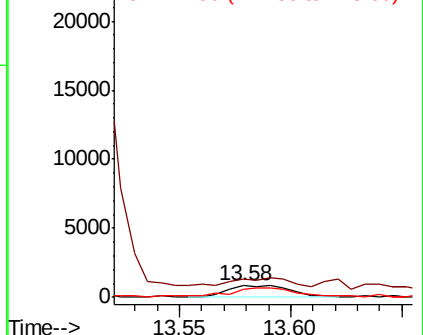
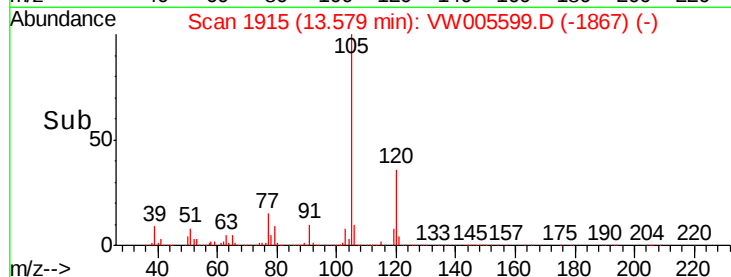
148 92.8 32.1 96.3



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



#89

n-Butylbenzene

Concen: 21152.344 ug/l

RT: 13.77 min Scan# 1946

Delta R.T. -0.07 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

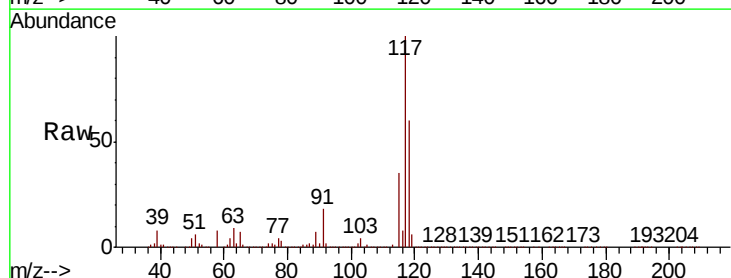
Tgt Ion: 91 Resp: 2077303

Ion Ratio Lower Upper

91 100

92 10.0 26.5 79.5#

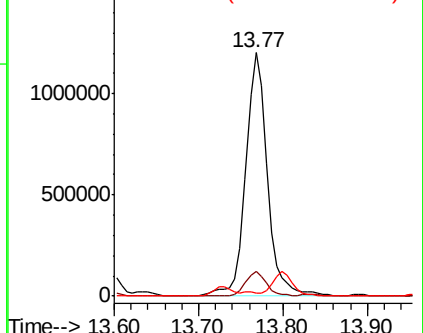
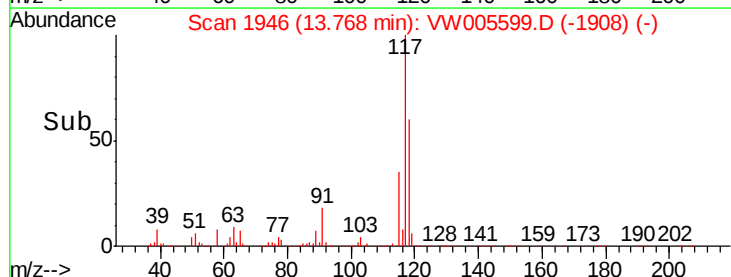
134 0.0 12.9 38.7#

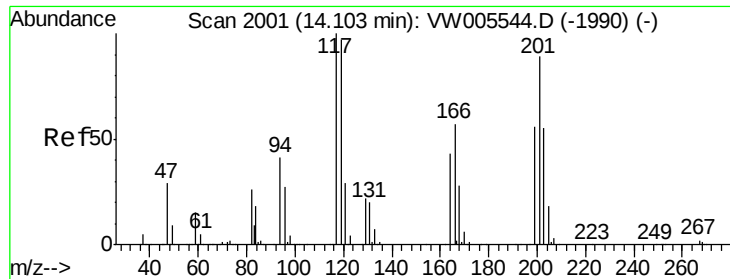


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4194.401 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

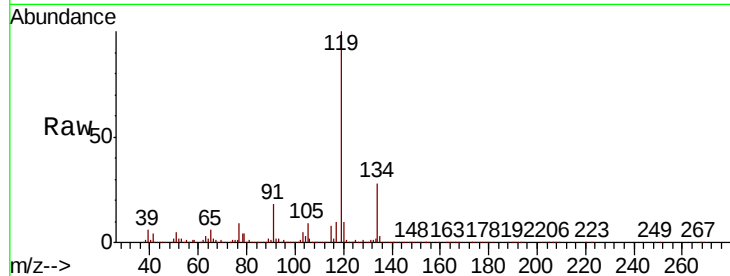
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Tot Ion:117 Resp: 79153

Ion Ratio Lower Upper

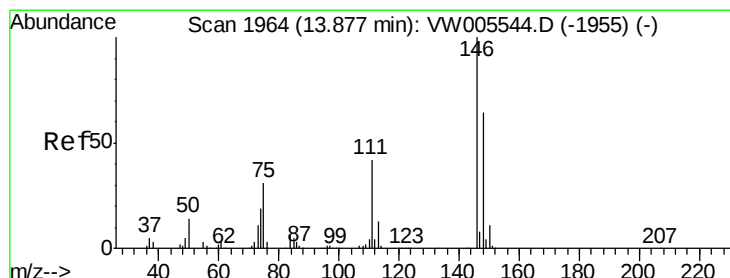
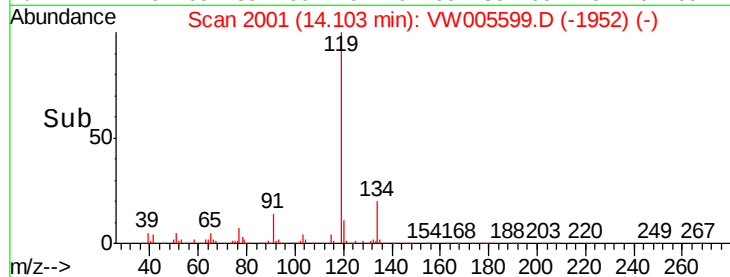
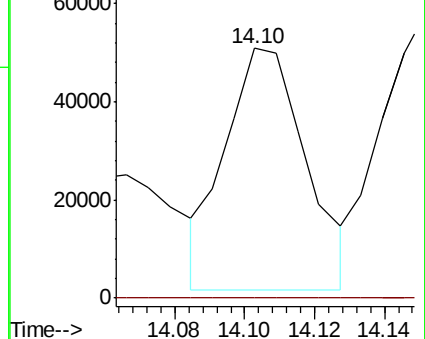
117 100

201 0.0 42.8 128.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 20.546 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

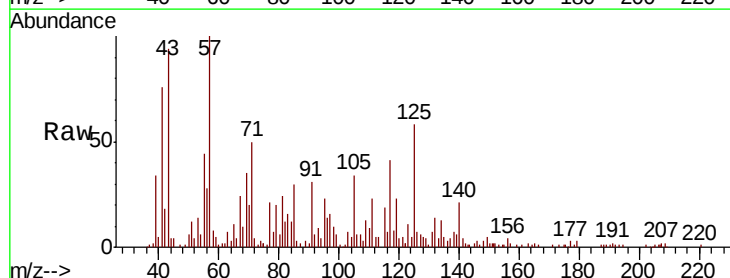
Tgt Ion:146 Resp: 953

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.9#

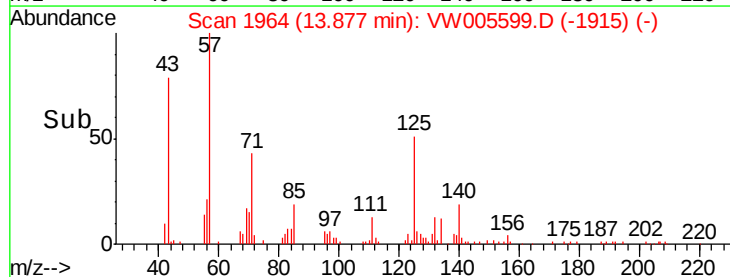
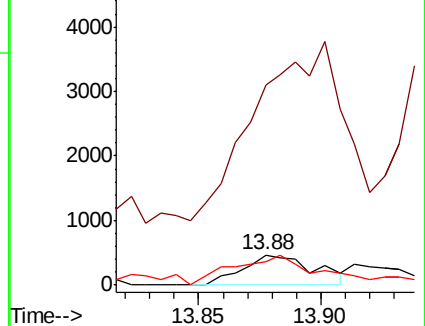
148 124.8 32.0 96.2#

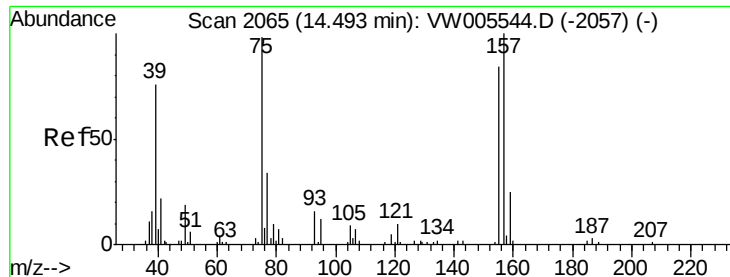


Abundance Ion 145.90 (145.60 to 146.60): V

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: 21067.866 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

Instrument :

MSVOA_W

ClientSampleId :

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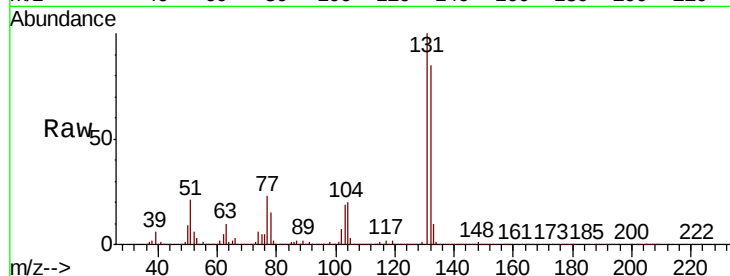
Tot Ion: 75 Resp: 73099

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.5#

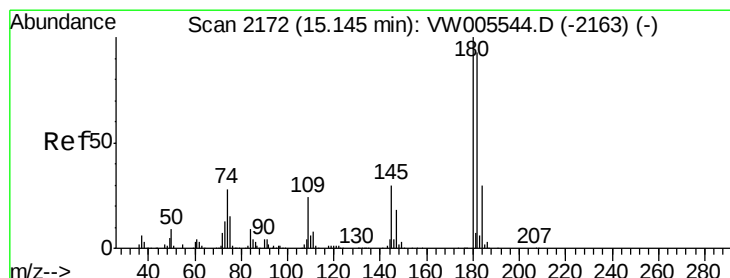
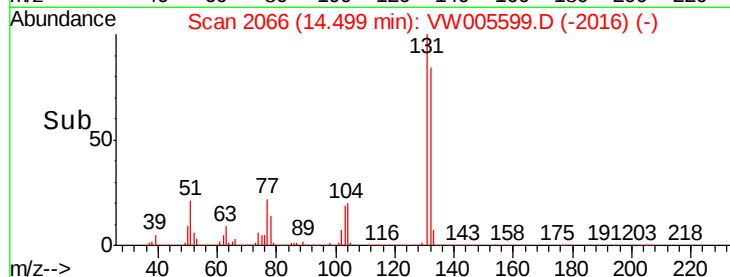
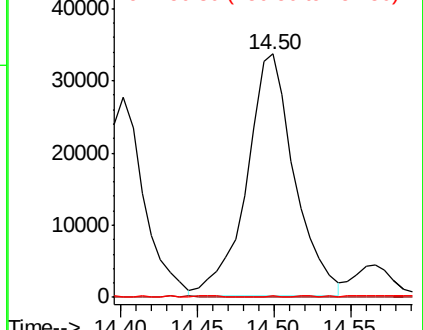
157 0.2 50.8 152.4#



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



#93

1,2,4-Trichlorobenzene

Concen: 5.772 ug/l

RT: 15.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: VW005599.D

Acq: 24 Sep 2018 21:22

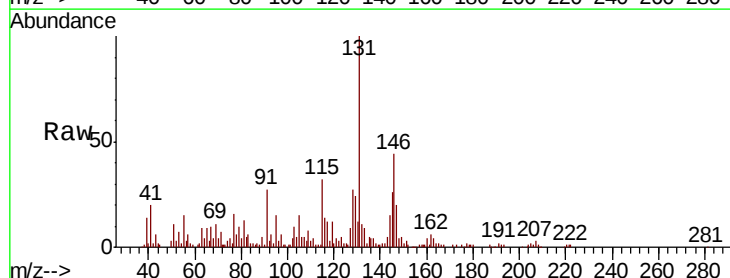
Tgt Ion: 180 Resp: 191

Ion Ratio Lower Upper

180 100

182 68.6 47.7 143.1

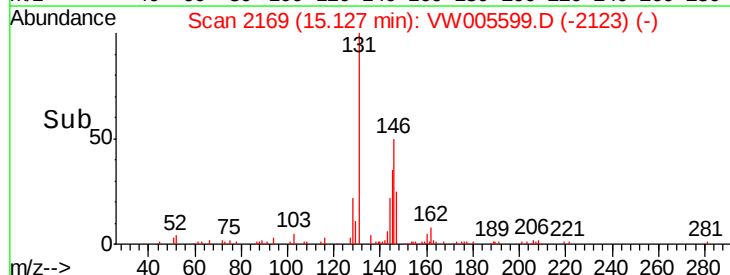
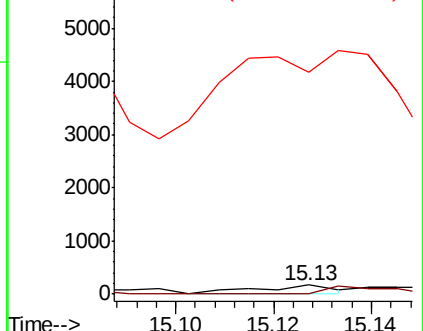
145 0.0 15.0 45.1#

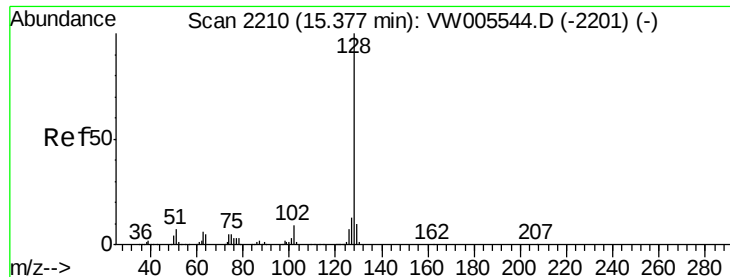


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

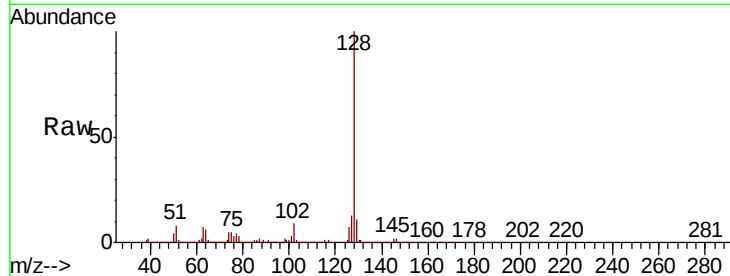




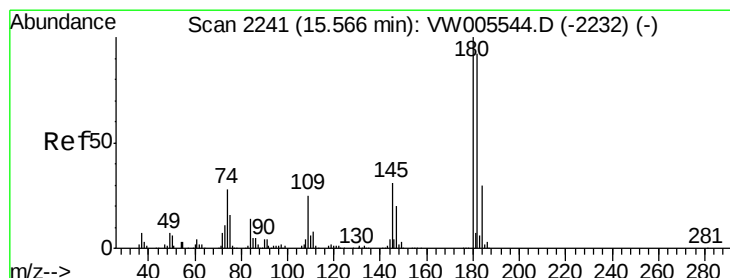
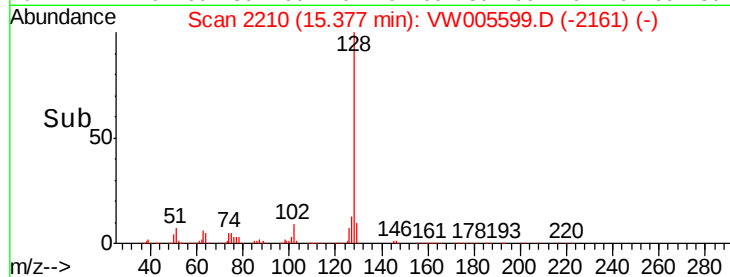
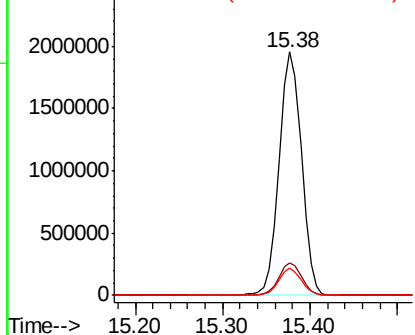
#95
Naphthalene
Concen: 62735.496 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

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

Tot Ion:128 Resp: 3491700
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.1 8.6 13.0

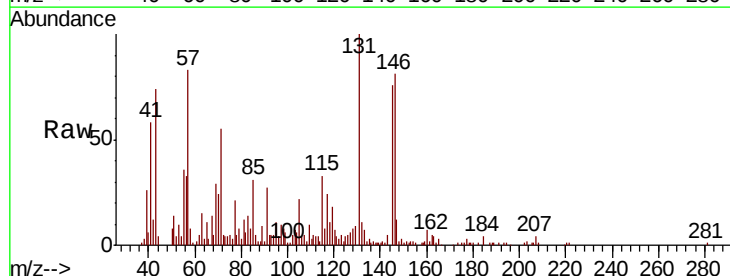


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.772 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW005599.D
Acq: 24 Sep 2018 21:22

Tgt Ion:180 Resp: 110
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 23062.7 16.0 47.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

