

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005615.D
 Acq On : 25 Sep 2018 17:01
 Operator : VA/AP
 Sample : J5066-05MS
 Misc : 5.13G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Quant Time: Sep 26 04:14:46 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	7.96	168	200701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	344150	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121000	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.88	113	104026	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.33	98	409743	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.62	95	414900	142.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	53535	43.957	ug/l	98
3) Chloromethane	2.21	50	57031	35.349	ug/l	95
4) Vinyl Chloride	2.37	62	93416	48.440	ug/l	97
5) Bromomethane	2.78	94	59363	45.550	ug/l	99
6) Chloroethane	2.93	64	58132	46.977	ug/l	99
7) Trichlorofluoromethane	3.26	101	71466	47.381	ug/l	97
8) Diethyl Ether	3.68	74	45458	46.137	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79314	41.541	ug/l	99
10) Methyl Iodide	4.27	142	142884	48.662	ug/l	99
11) Tert butyl alcohol	5.24	59	22550	184.091	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	93130	50.950	ug/l	96
13) Acrolein	3.91	56	452	Below Cal		94
14) Allyl chloride	4.67	41	152489	47.802	ug/l	99
15) Acrylonitrile	5.38	53	86214	197.081	ug/l	98
16) Acetone	4.15	43	103240	278.837	ug/l	97
17) Carbon Disulfide	4.38	76	263836	46.197	ug/l	97
18) Methyl Acetate	4.67	43	126326	112.728	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	92790	32.888	ug/l	99
20) Methylene Chloride	4.91	84	105758	53.705	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	97616	48.758	ug/l	98
22) Diisopropyl ether	6.32	45	220060	35.536	ug/l	99
23) Vinyl Acetate	6.26	43	260260	73.530	ug/l	100
24) 1,1-Dichloroethane	6.21	63	179755	46.982	ug/l	99
25) 2-Butanone	7.18	43	108605	189.122	ug/l	94
26) 2,2-Dichloropropane	7.17	77	97907	36.655	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	106915	48.417	ug/l	96
28) Bromochloromethane	7.52	49	65065	42.932	ug/l	95
29) Tetrahydrofuran	7.54	42	72006	200.709	ug/l	97
30) Chloroform	7.68	83	191253	48.418	ug/l	98
31) Cyclohexane	7.96	56	111950	30.541	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	153023	43.853	ug/l	99
36) 1,1-Dichloropropene	8.09	75	141313	45.797	ug/l	100
37) Ethyl Acetate	7.26	43	46259	35.624	ug/l	99
38) Carbon Tetrachloride	8.07	117	147940	44.741	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75520	20.744	ug/l	99
40) Benzene	8.32	78	409155	46.799	ug/l	99
41) Methacrylonitrile	7.49	41	28683	38.817	ug/l	92
42) 1,2-Dichloroethane	8.40	62	132328	47.274	ug/l	100
43) Isopropyl Acetate	8.43	43	100168	39.235	ug/l	95
44) Trichloroethene	9.10	130	103762	46.367	ug/l	94
45) 1,2-Dichloropropane	9.38	63	97631	45.391	ug/l	92
46) Dibromomethane	9.46	93	47555	44.250	ug/l	98
47) Bromodichloromethane	9.65	83	133776	46.338	ug/l	99
48) Methyl methacrylate	9.44	41	56376	46.491	ug/l	97
49) 1,4-Dioxane	9.48	88	12036	704.421	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	285148	221.756	ug/l	100
52) Toluene	10.39	92	252811	46.343	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	139682	48.264	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	157122	48.455	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	84883	55.642	ug/l	97
56) Ethyl methacrylate	10.65	69	101220	53.750	ug/l	97
57) 1,3-Dichloropropane	10.94	76	127550	47.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	204605	239.681	ug/l	96
59) 2-Hexanone	10.98	43	183731	210.334	ug/l	91
60) Dibromochloromethane	11.13	129	90290	48.985	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67397	47.385	ug/l	91
64) Tetrachloroethene	10.87	164	82848	43.045	ug/l	97
65) Chlorobenzene	11.66	112	278391	48.358	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	101654	49.062	ug/l	98
67) Ethyl Benzene	11.74	91	407353	39.865	ug/l	100
68) m/p-Xylenes	11.85	106	263346	68.215	ug/l	98
69) o-Xylene	12.17	106	162616	44.977	ug/l	85
70) Styrene	12.19	104	271449	44.613	ug/l	92
71) Bromoform	12.35	173	51196	46.550	ug/l #	100
73) Isopropylbenzene	12.48	105	274248	11.491	ug/l	99
74) N-amyl acetate	12.27	43	5253987	972.211	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.71	83	621393	156.752	ug/l #	31
76) 1,2,3-Trichloropropane	12.77	75	115582	39.399	ug/l #	100
77) Bromobenzene	12.76	156	114771	20.518	ug/l	85
78) n-propylbenzene	12.81	91	335835	11.623	ug/l	85
79) 2-Chlorotoluene	12.90	91	401378	24.010	ug/l	89
80) 1,3,5-Trimethylbenzene	12.96	105	360299	17.362	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	25063	19.242	ug/l #	1
82) 4-Chlorotoluene	12.90	91	401378	22.725	ug/l	89
83) tert-Butylbenzene	13.22	119	917938	52.650	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	216469	10.337	ug/l	93
85) sec-Butylbenzene	13.40	105	169523	6.704	ug/l	99
86) p-Isopropyltoluene	13.51	119	398865	17.599	ug/l	93
87) 1,3-Dichlorobenzene	13.51	146	174692	15.273	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	181132	15.923	ug/l #	1
89) n-Butylbenzene	13.80	91	148175	6.931	ug/l #	1
90) Hexachloroethane	14.12	117	1073544	261.340	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	163664	16.209	ug/l #	73
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34253	45.352	ug/l #	42

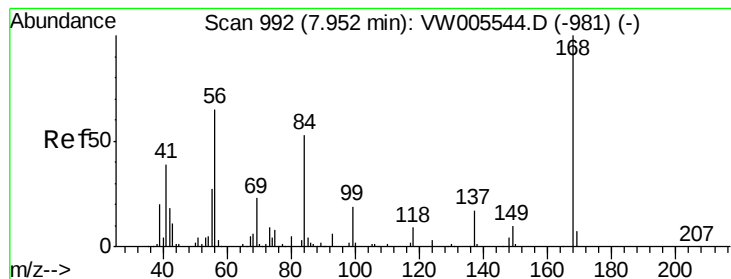
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81195	11.273	ug/l #	1
94) Hexachlorobutadiene	15.25	225	20265	4.343	ug/l	98
95) Naphthalene	15.38	128	109877	9.069	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.57	180	73217	11.535	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

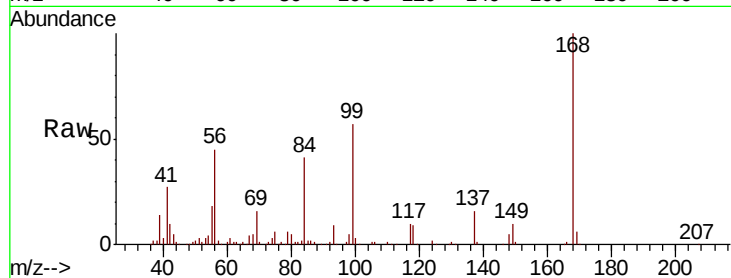
EP1-Q1-G3MS

Tgt Ion:168 Resp: 200701

Ion Ratio Lower Upper

168 100

99 56.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

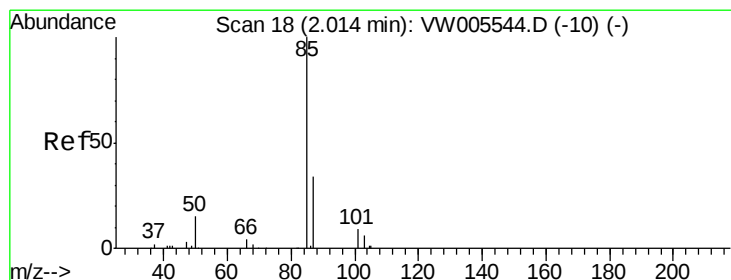
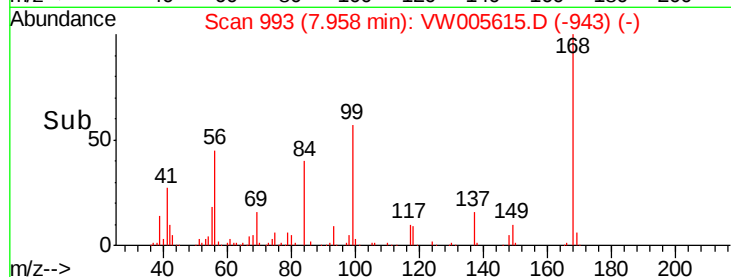
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.957 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005615.D

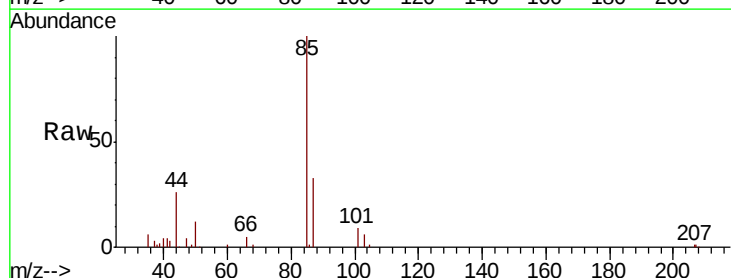
Acq: 25 Sep 2018 17:01

Tgt Ion: 85 Resp: 53535

Ion Ratio Lower Upper

85 100

87 32.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

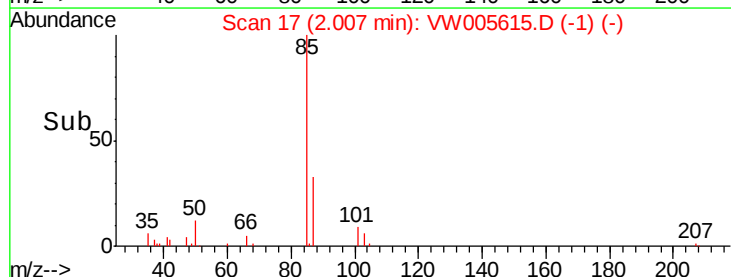
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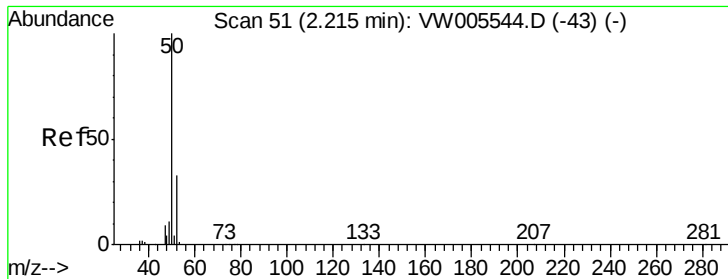
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 35.349 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

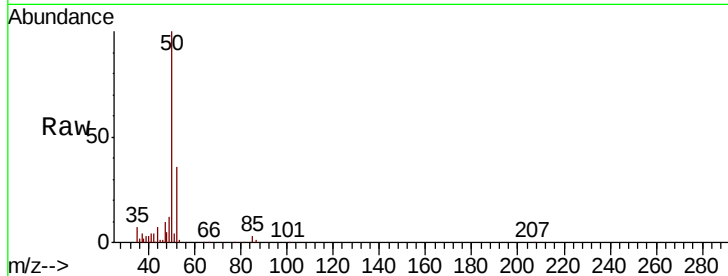
EP1-Q1-G3MS

Tgt Ion: 50 Resp: 57031

Ion Ratio Lower Upper

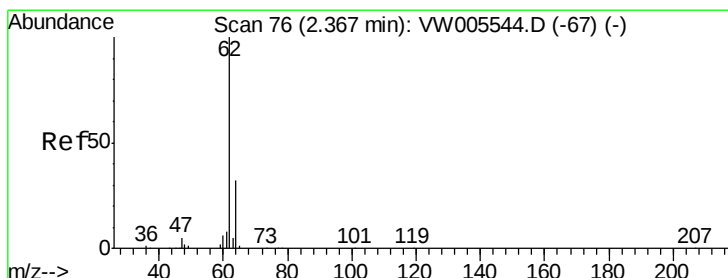
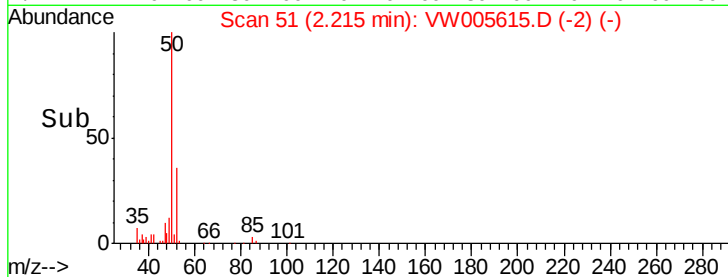
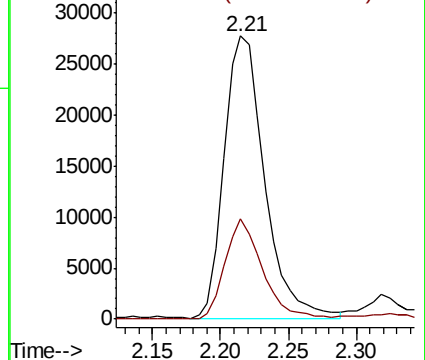
50 100

52 35.8 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: 48.440 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005615.D

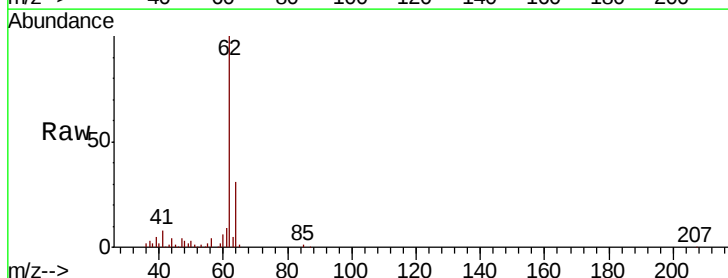
Acq: 25 Sep 2018 17:01

Tgt Ion: 62 Resp: 93416

Ion Ratio Lower Upper

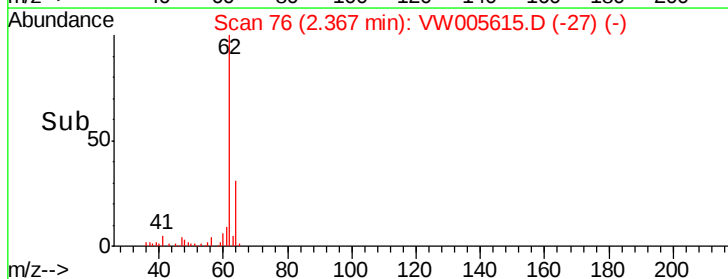
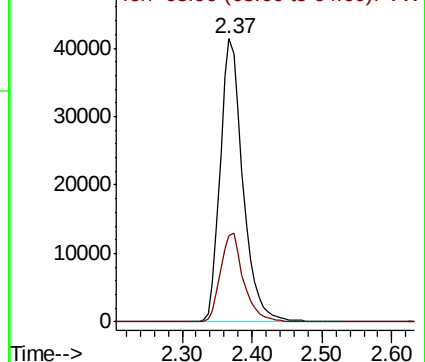
62 100

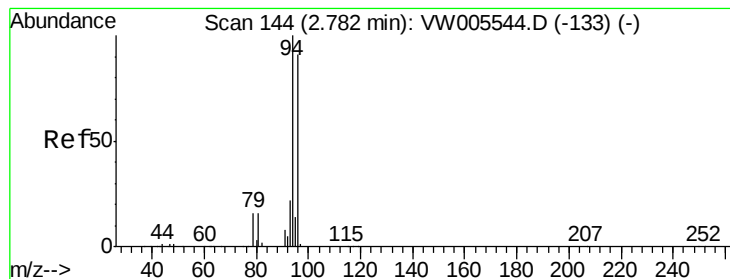
64 30.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.550 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

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Acq: 25 Sep 2018 17:01

Instrument :

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ClientSampleId :

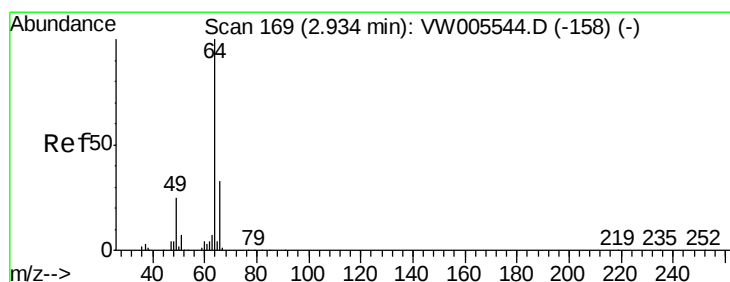
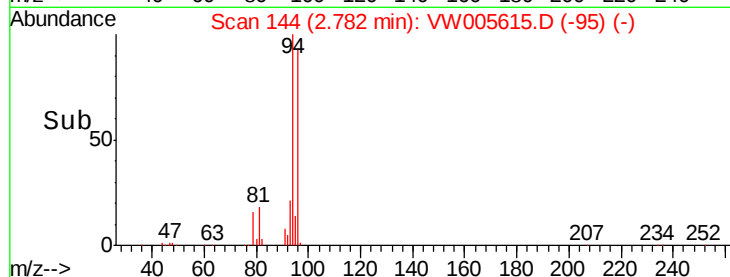
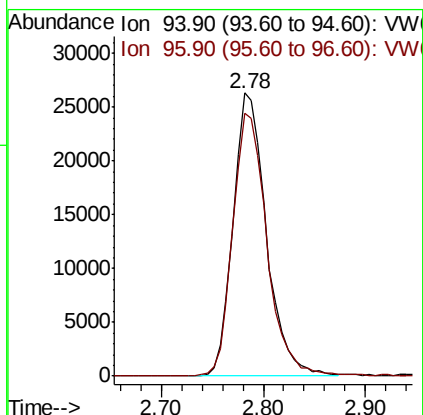
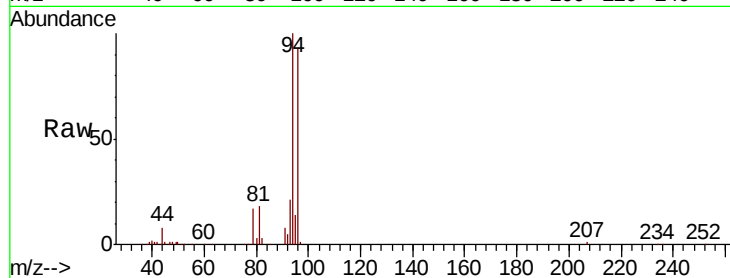
EP1-Q1-G3MS

Tgt Ion: 94 Resp: 59363

Ion Ratio Lower Upper

94 100

96 92.7 73.1 109.7



#6

Chloroethane

Concen: 46.977 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005615.D

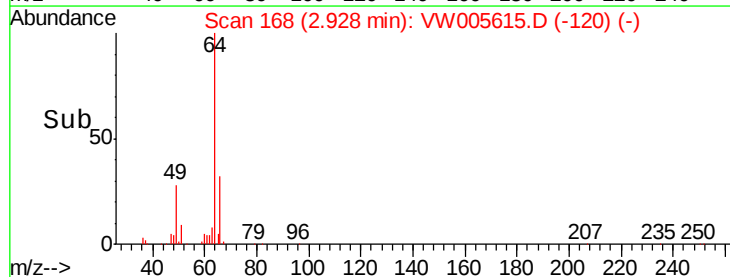
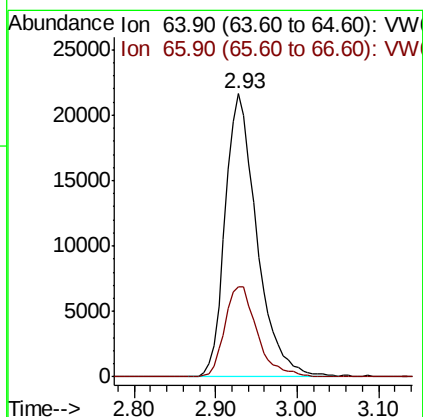
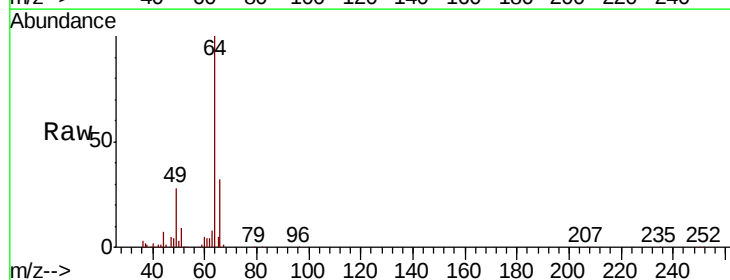
Acq: 25 Sep 2018 17:01

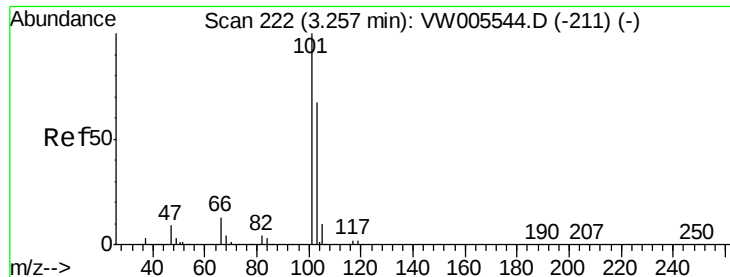
Tgt Ion: 64 Resp: 58132

Ion Ratio Lower Upper

64 100

66 31.9 26.0 39.0



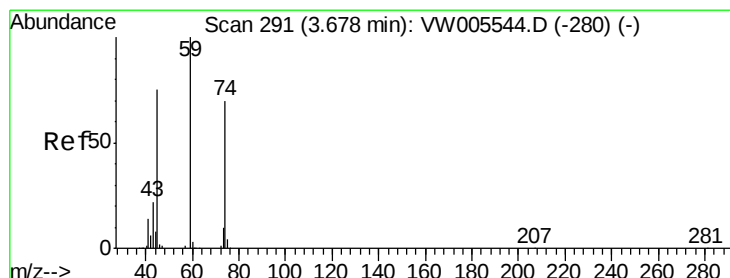
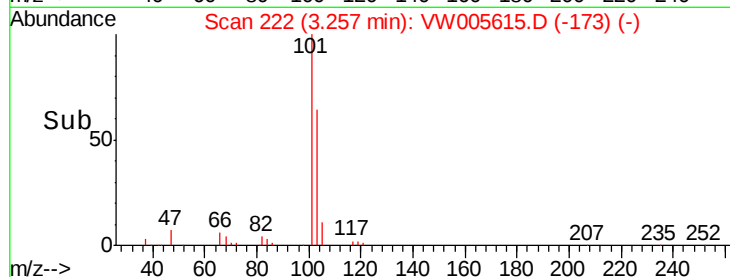
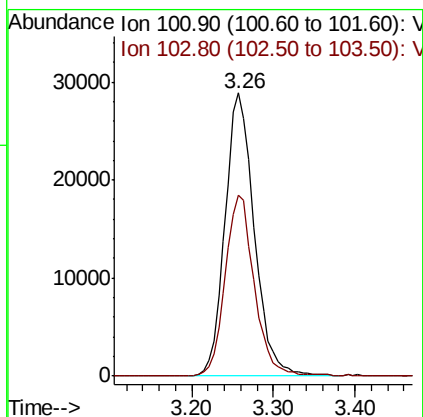
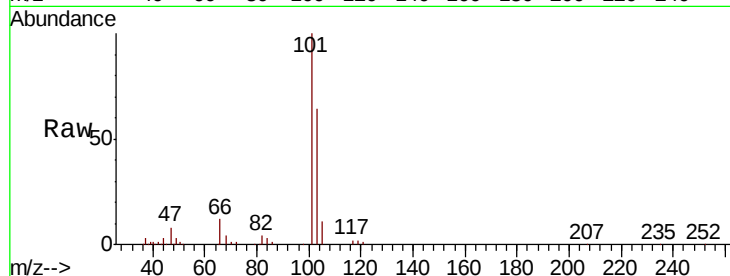


#7

Trichlorofluoromethane
 Concen: 47.381 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
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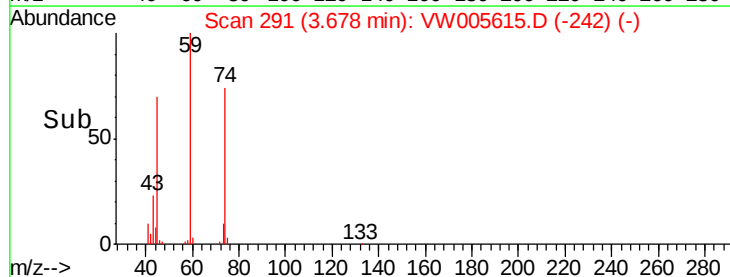
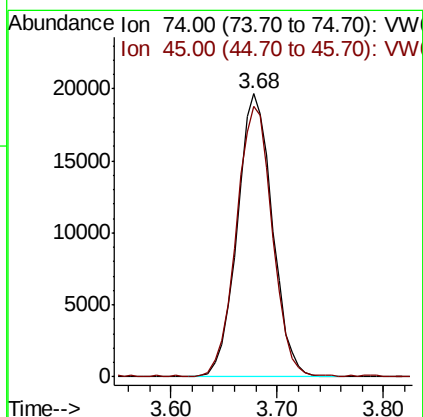
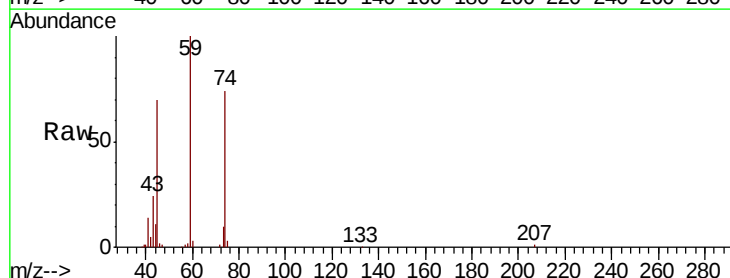
Tgt Ion: 101 Resp: 71466
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

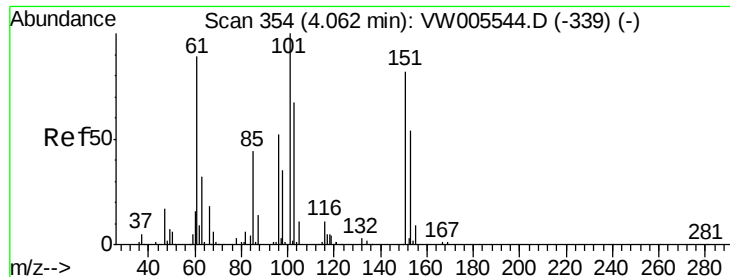


#8

Diethyl Ether
 Concen: 46.137 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 74 Resp: 45458
 Ion Ratio Lower Upper
 74 100
 45 98.2 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.541 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

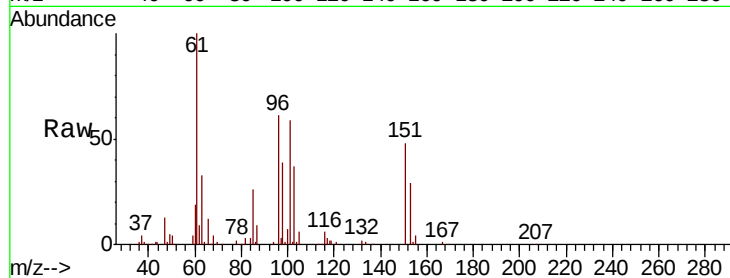
Tgt Ion:101 Resp: 79314

Ion Ratio Lower Upper

101 100

85 45.3 36.4 54.6

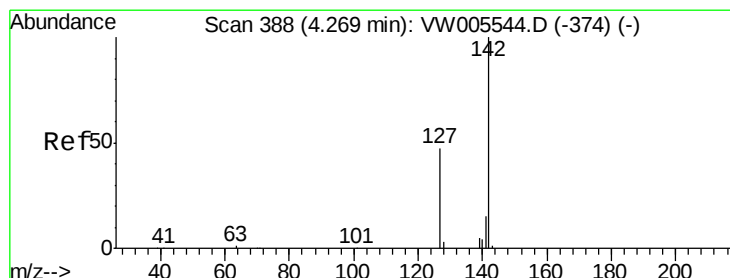
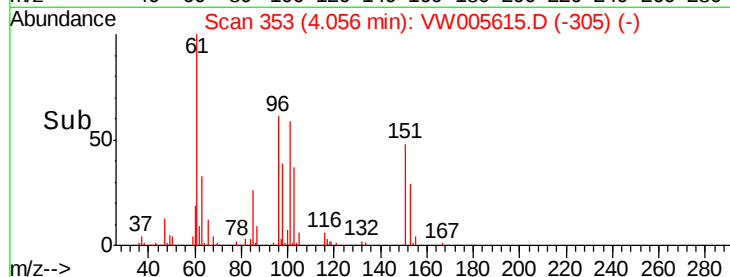
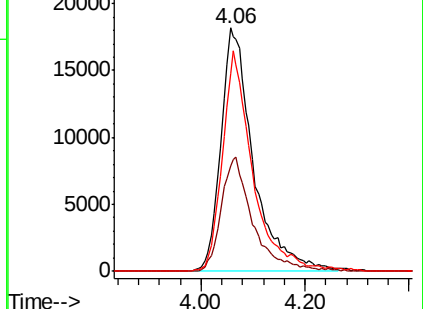
151 83.8 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.662 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

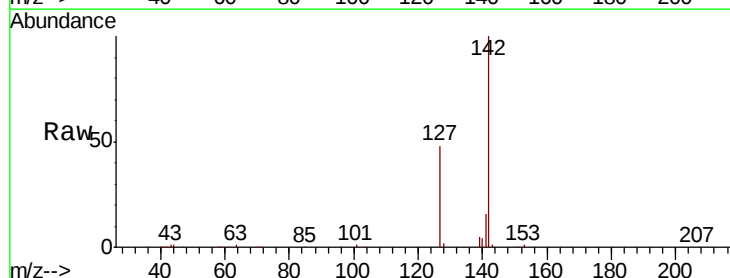
Tgt Ion:142 Resp: 142884

Ion Ratio Lower Upper

142 100

127 47.3 37.4 56.0

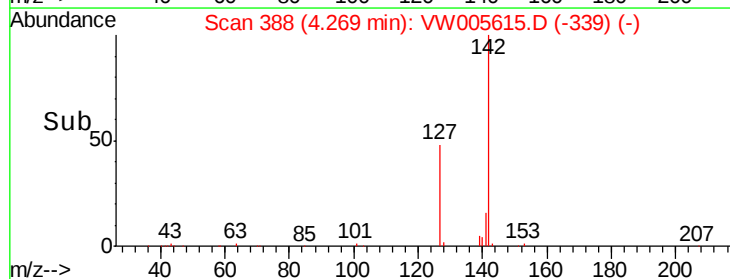
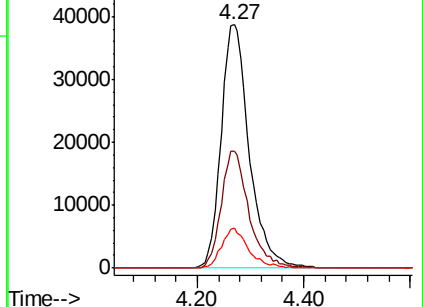
141 15.8 11.9 17.9

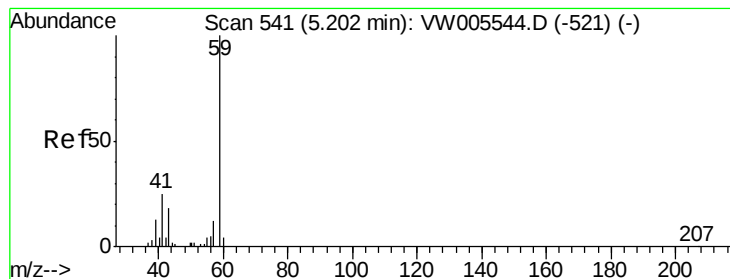


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



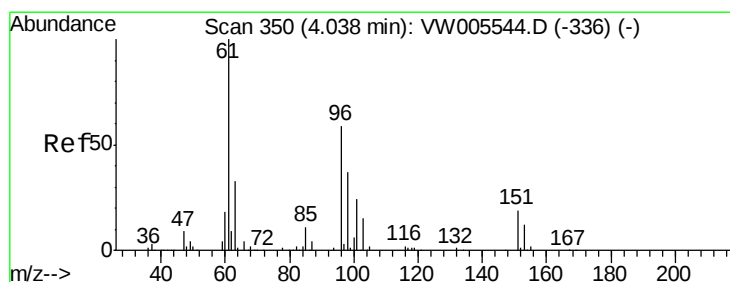
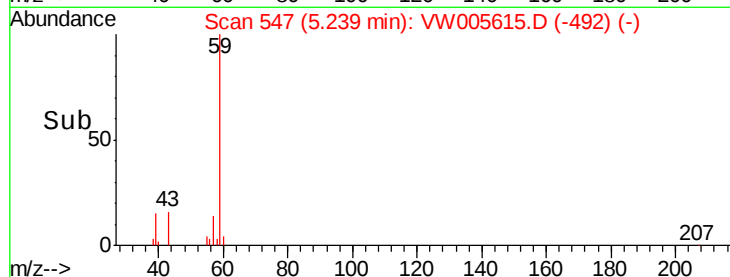
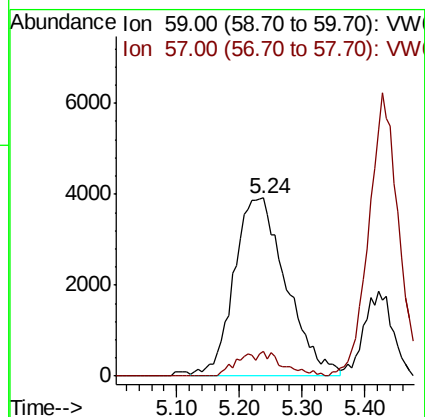
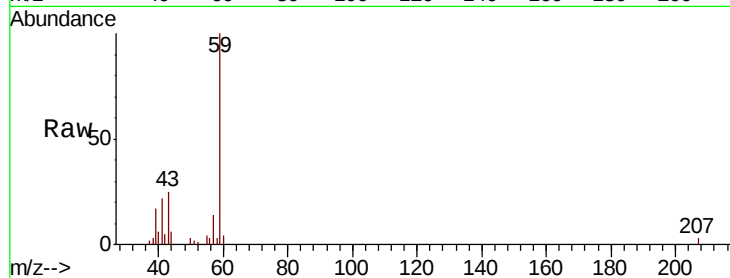


#11

Tert butyl alcohol
Concen: 184.091 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.04 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

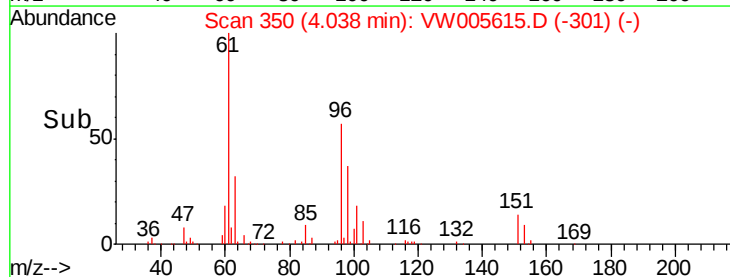
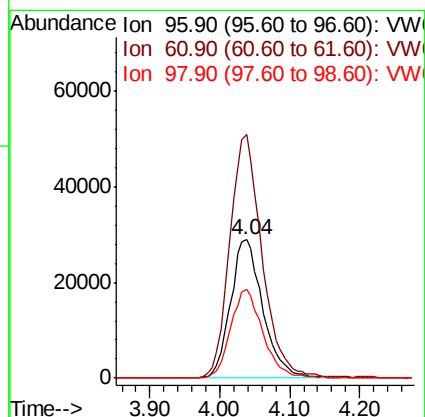
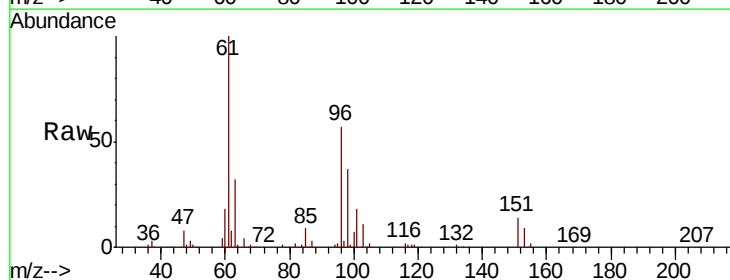
Tgt Ion: 59 Resp: 22550
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

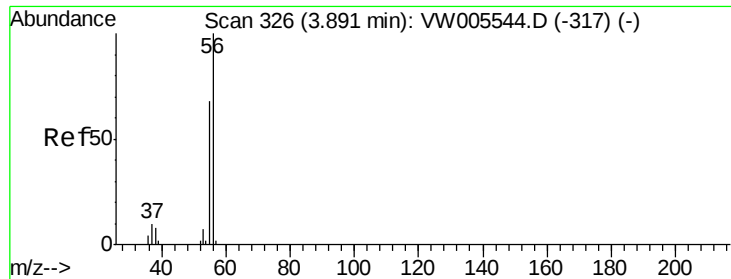


#12

1,1-Dichloroethene
Concen: 50.950 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 96 Resp: 93130
Ion Ratio Lower Upper
96 100
61 175.8 135.0 202.6
98 64.2 50.6 76.0





#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

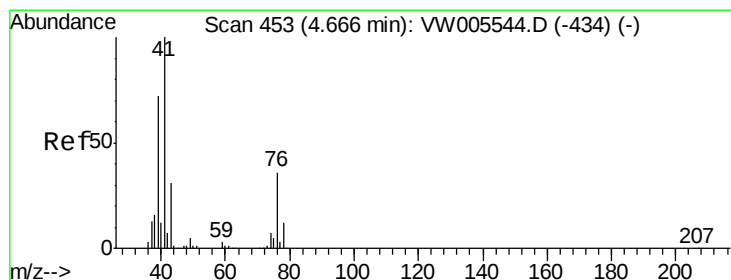
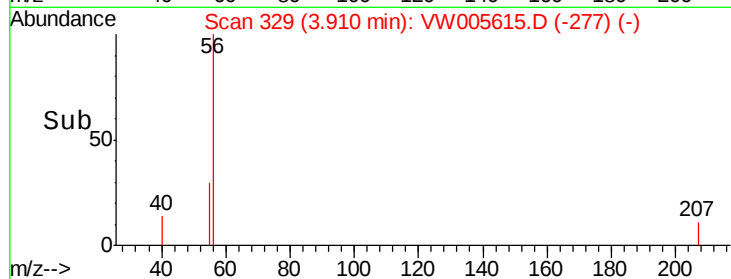
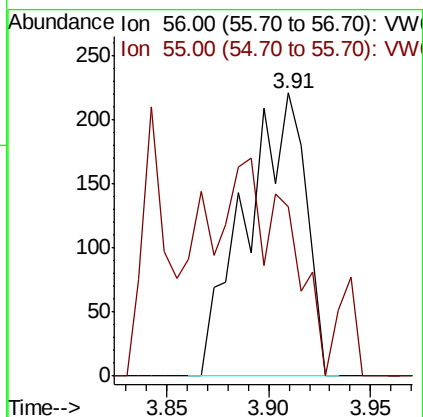
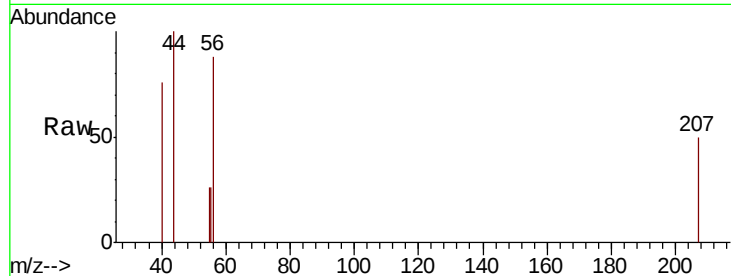
EP1-Q1-G3MS

Tgt Ion: 56 Resp: 452

Ion Ratio Lower Upper

56 100

55 77.4 57.8 86.8



#14

Allyl chloride

Concen: 47.802 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

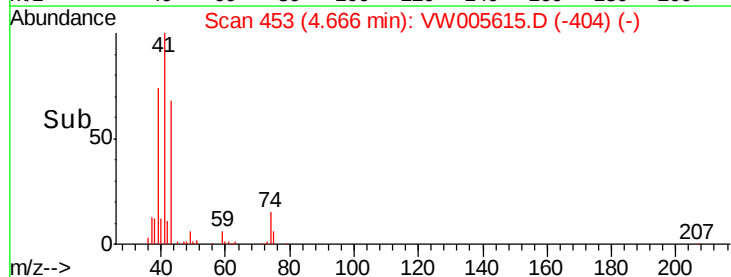
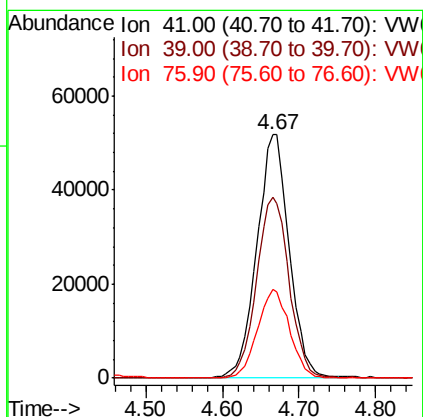
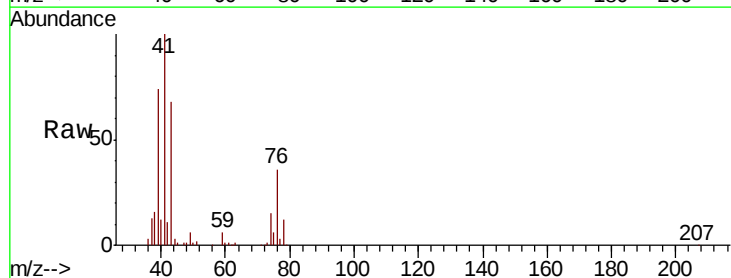
Tgt Ion: 41 Resp: 152489

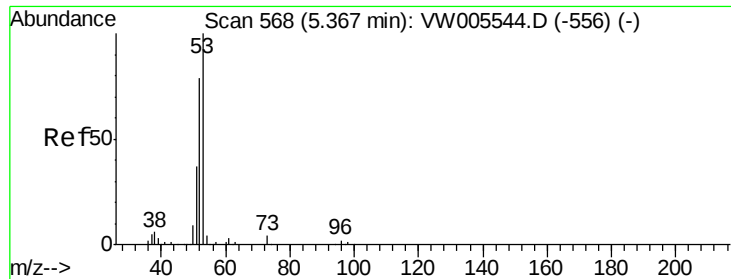
Ion Ratio Lower Upper

41 100

39 75.0 59.6 89.4

76 36.2 27.7 41.5





#15

Acrylonitrile

Concen: 197.081 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

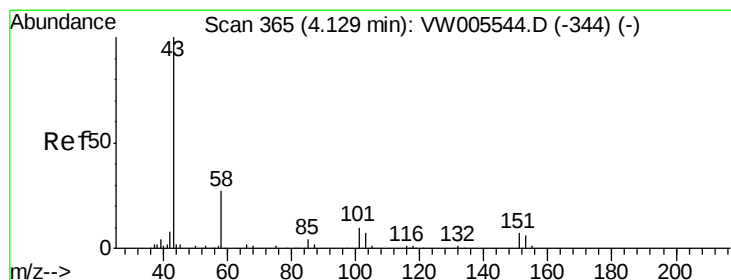
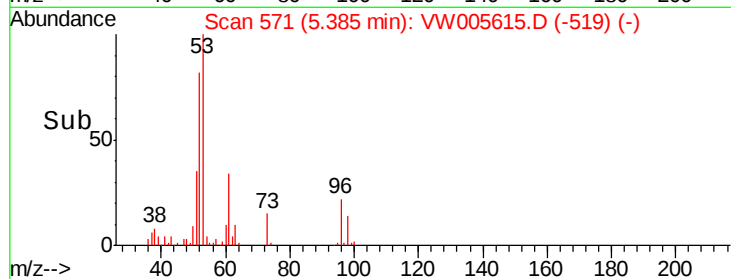
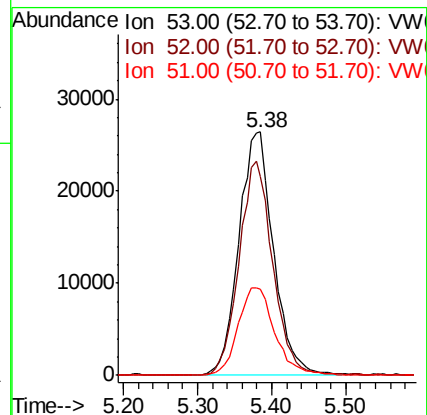
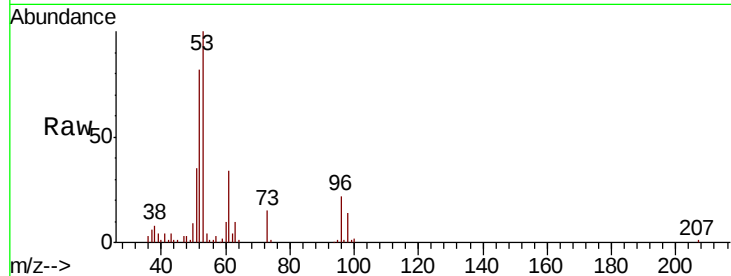
Tgt Ion: 53 Resp: 86214

Ion Ratio Lower Upper

53 100

52 85.5 66.5 99.7

51 38.3 30.6 46.0



#16

Acetone

Concen: 278.837 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005615.D

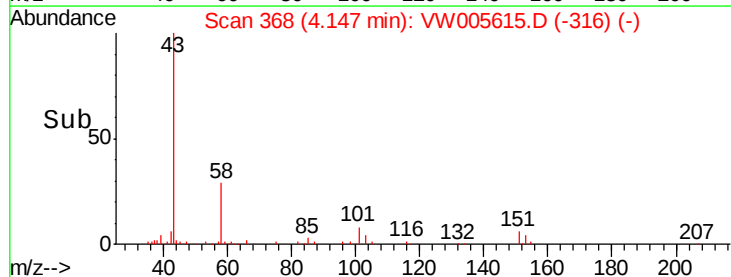
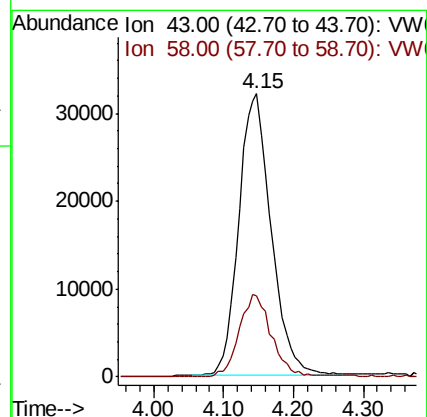
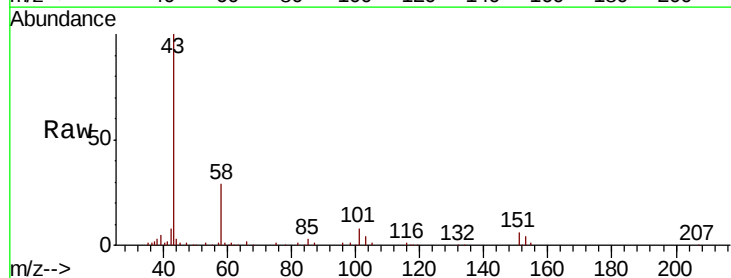
Acq: 25 Sep 2018 17:01

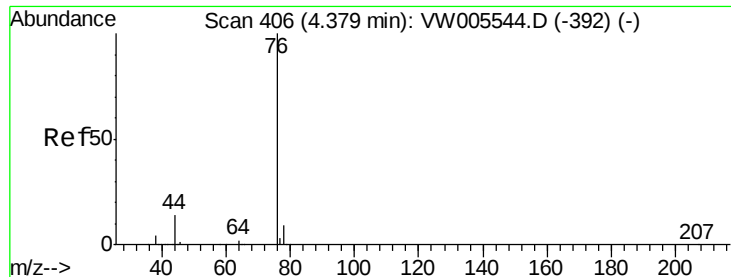
Tgt Ion: 43 Resp: 103240

Ion Ratio Lower Upper

43 100

58 28.8 21.8 32.8

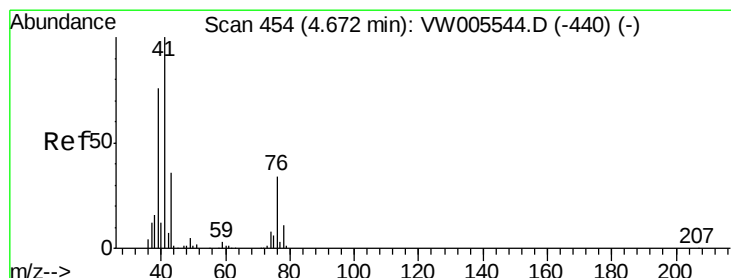
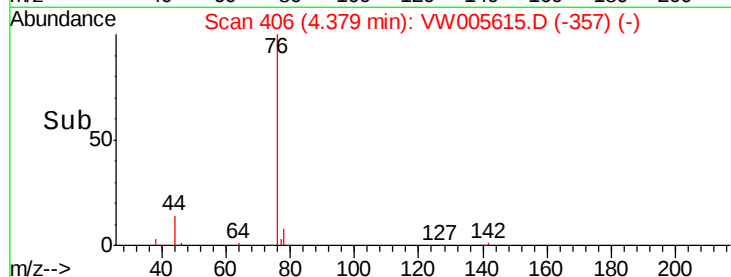
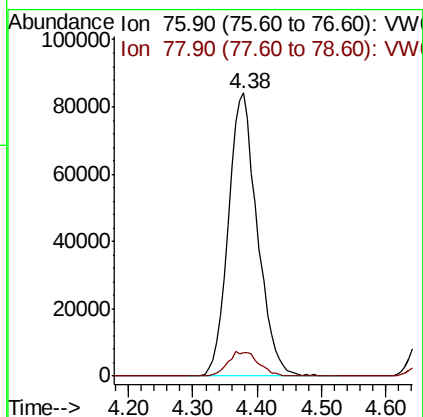
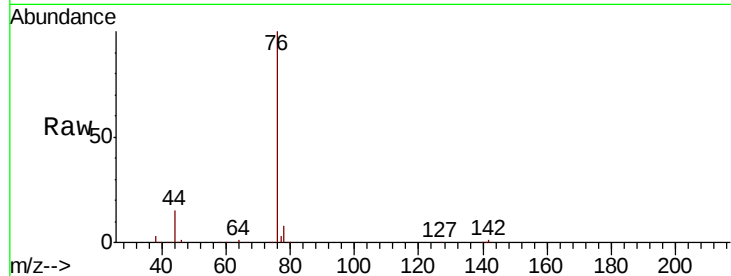




#17
Carbon Disulfide
Concen: 46.197 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

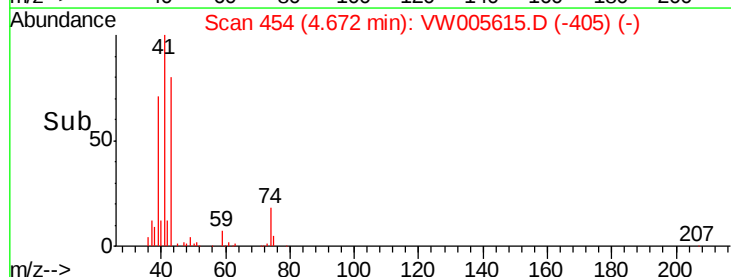
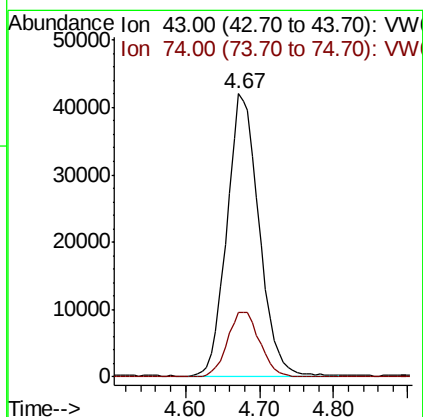
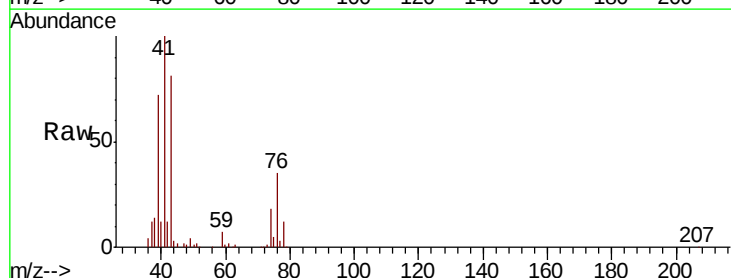
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

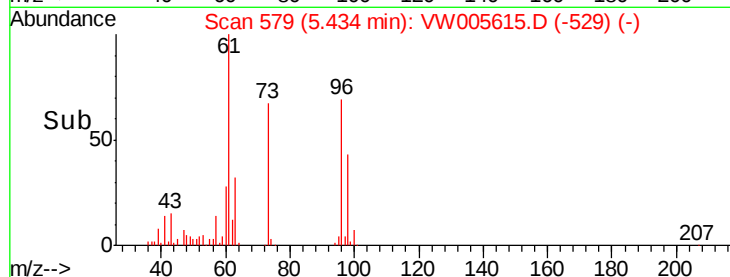
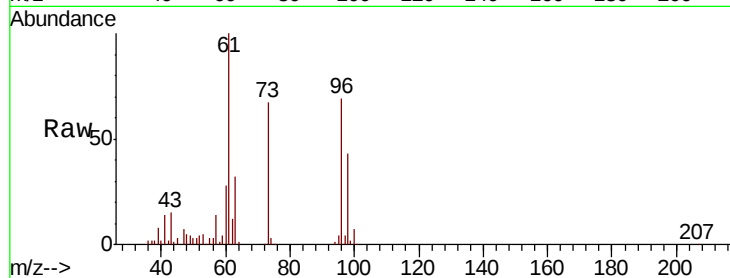
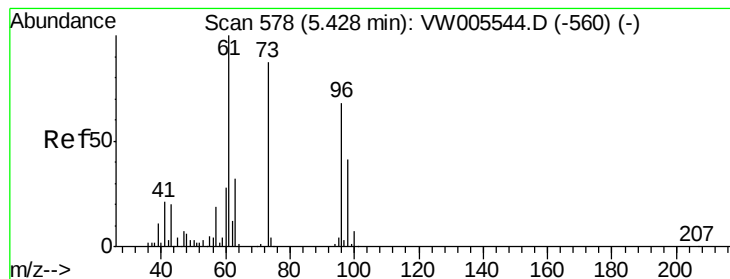
Tgt Ion: 76 Resp: 263836
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 112.728 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 43 Resp: 126326
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 32.888 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

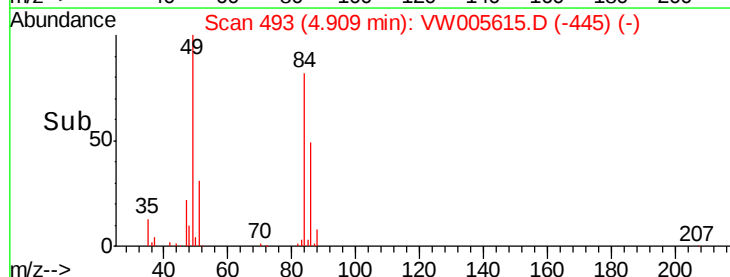
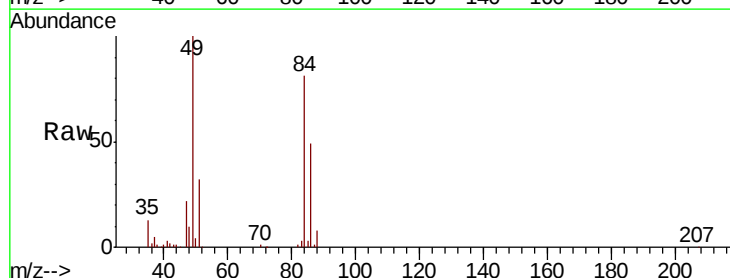
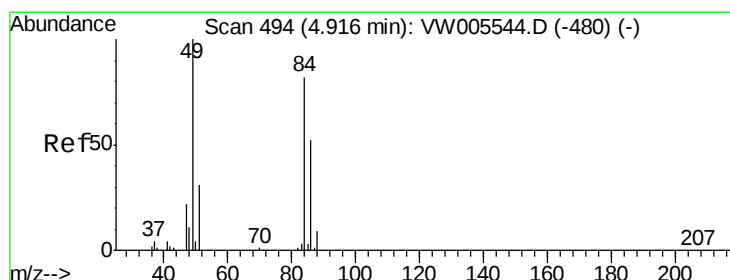
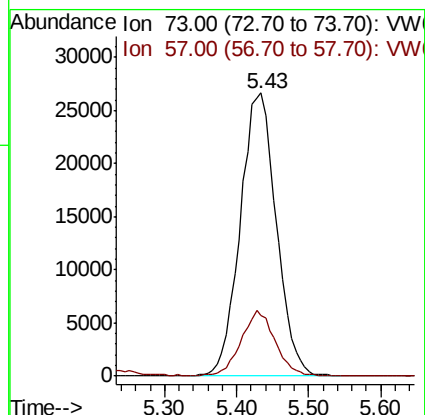
EP1-Q1-G3MS

Tgt Ion: 73 Resp: 92790

Ion Ratio Lower Upper

73 100

57 21.3 17.6 26.4



#20

Methylene Chloride

Concen: 53.705 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion: 84 Resp: 105758

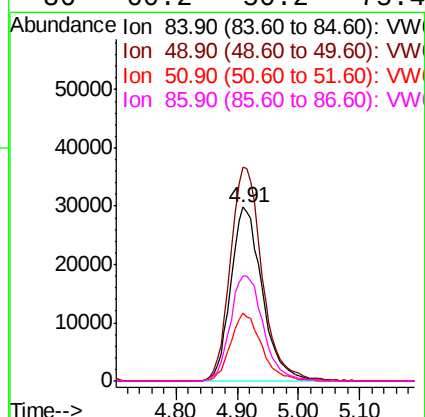
Ion Ratio Lower Upper

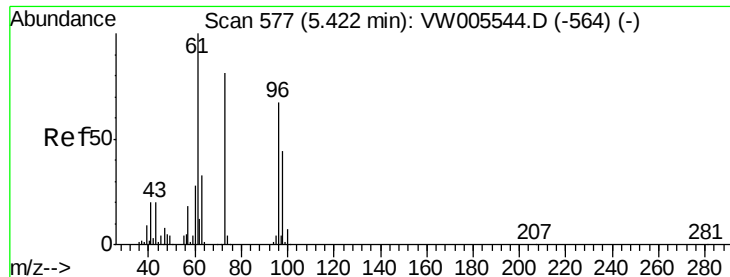
84 100

49 123.0 97.0 145.6

51 38.9 30.2 45.2

86 60.2 50.2 75.4

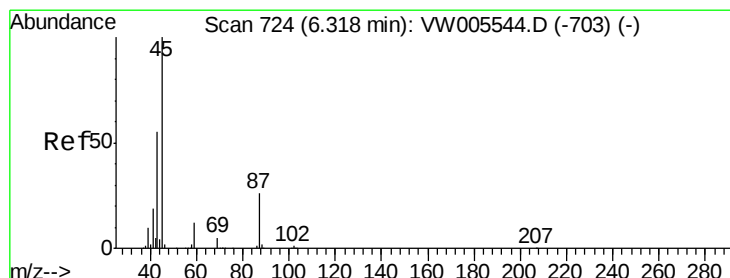
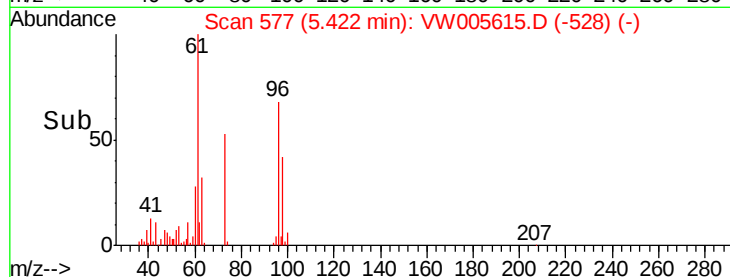
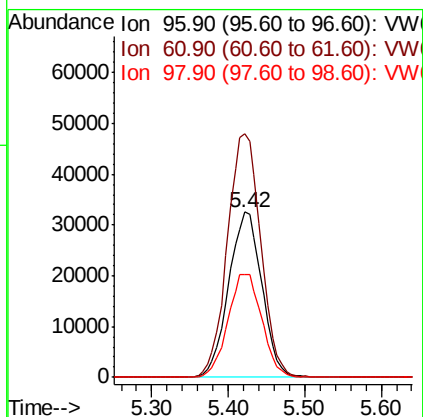
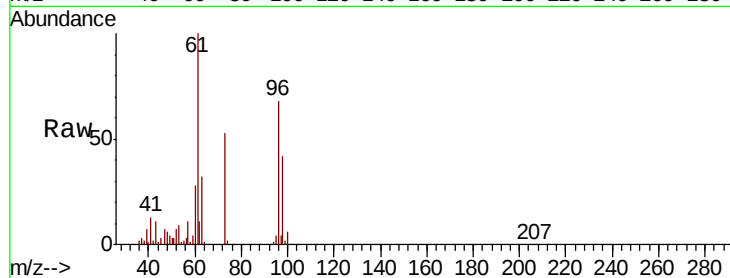




#21
trans-1,2-Dichloroethene
Concen: 48.758 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

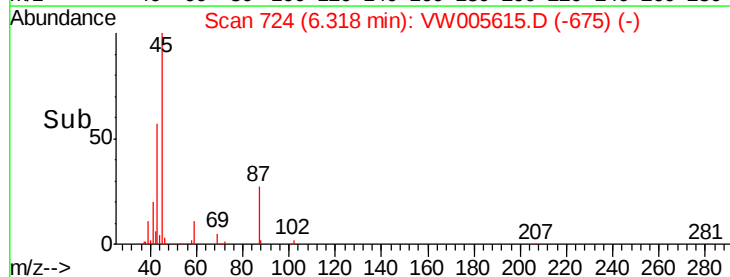
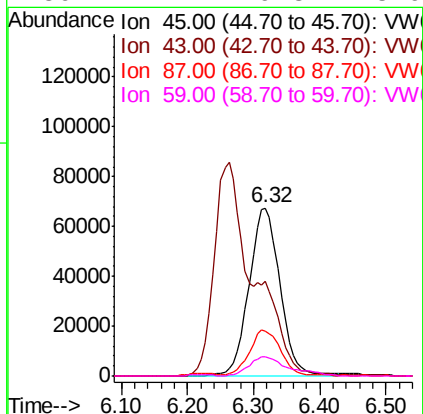
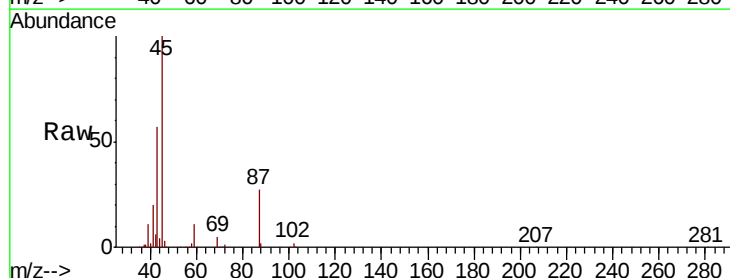
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

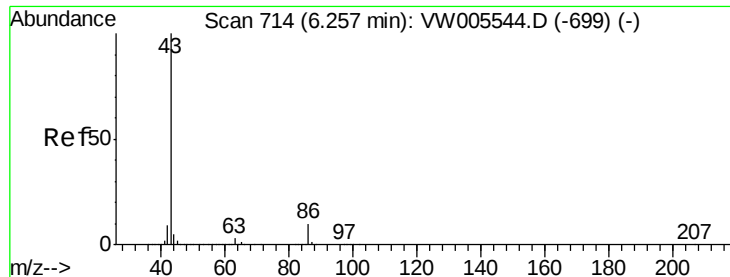
Tgt Ion: 96 Resp: 97616
Ion Ratio Lower Upper
96 100
61 147.3 118.9 178.3
98 62.5 52.1 78.1



#22
Diisopropyl ether
Concen: 35.536 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 45 Resp: 220060
Ion Ratio Lower Upper
45 100
43 56.1 44.2 66.4
87 26.6 21.4 32.2
59 11.2 9.3 13.9

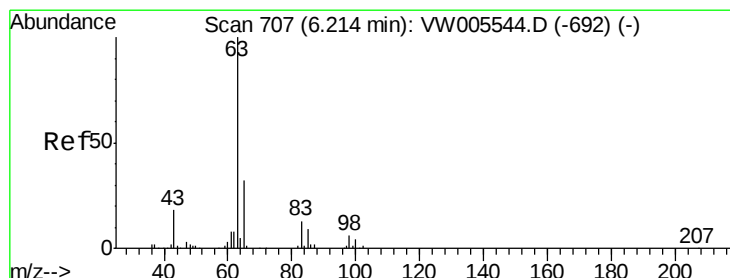
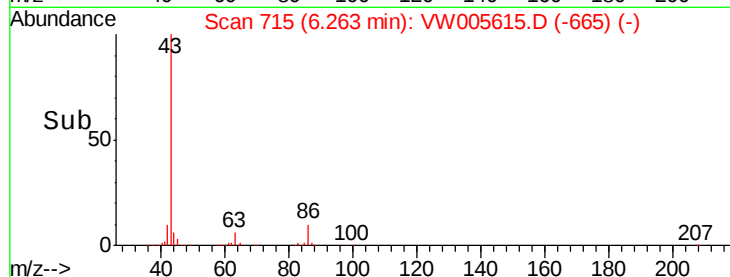
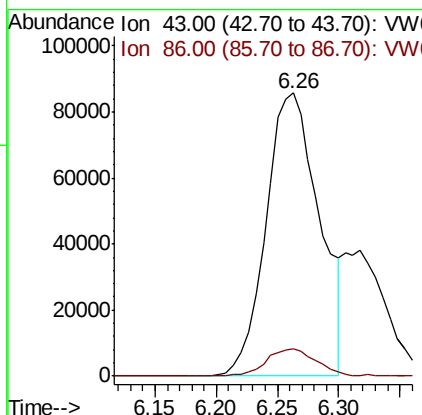
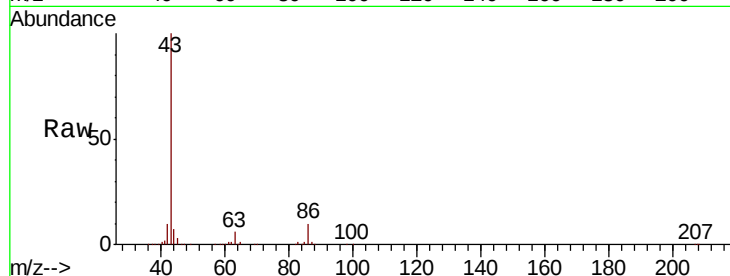




#23
 Vinyl Acetate
 Concen: 73.530 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

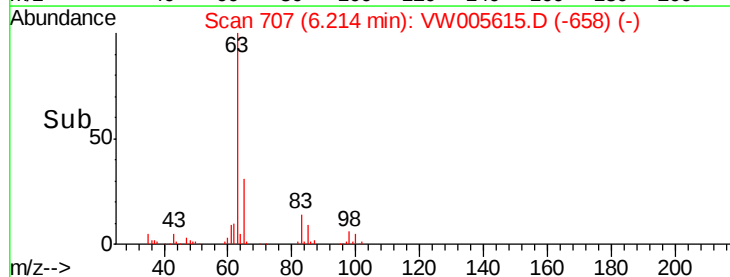
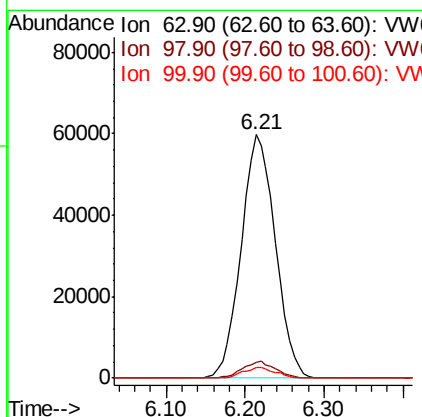
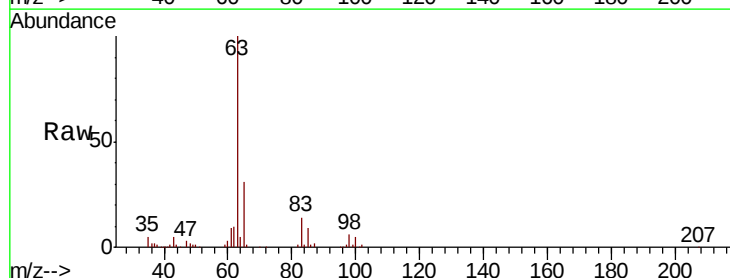
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

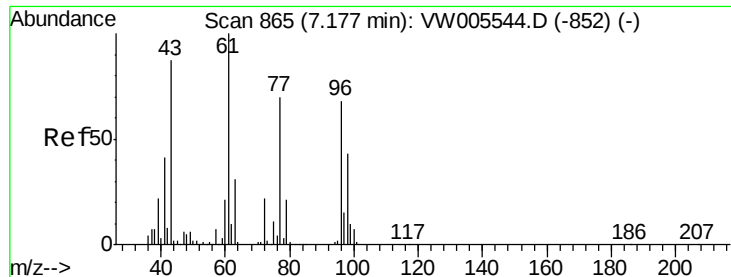
Tgt Ion: 43 Resp: 260260
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 46.982 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 63 Resp: 179755
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.8
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 189.122 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

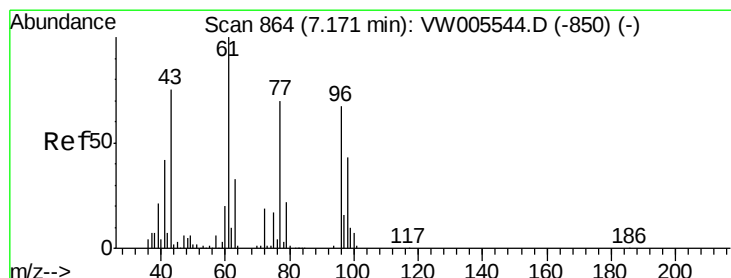
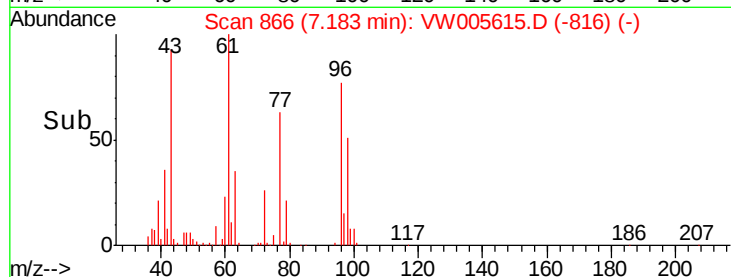
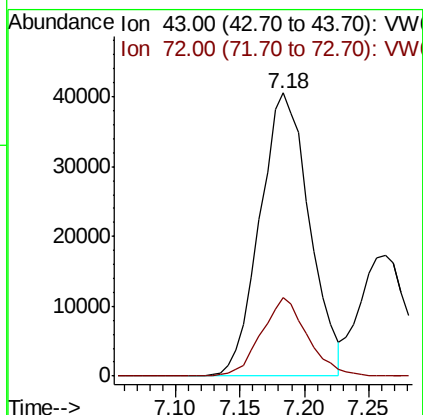
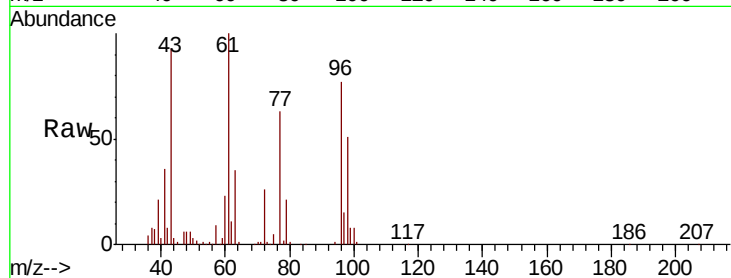
EP1-Q1-G3MS

Tgt Ion: 43 Resp: 108605

Ion Ratio Lower Upper

43 100

72 27.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 36.655 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005615.D

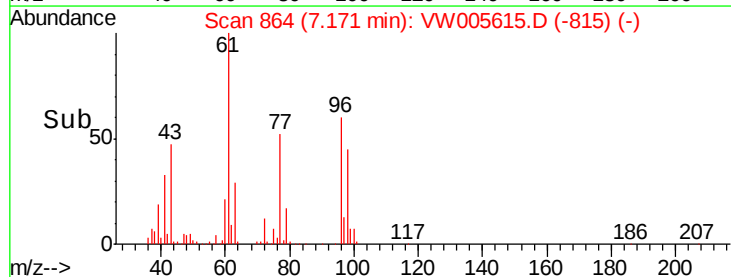
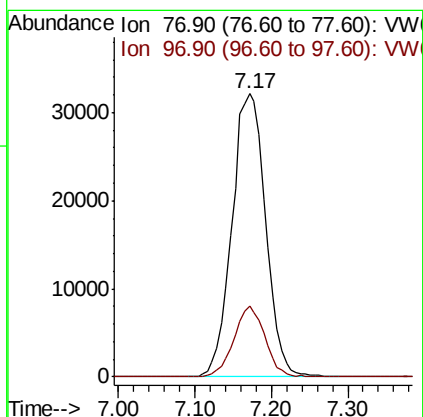
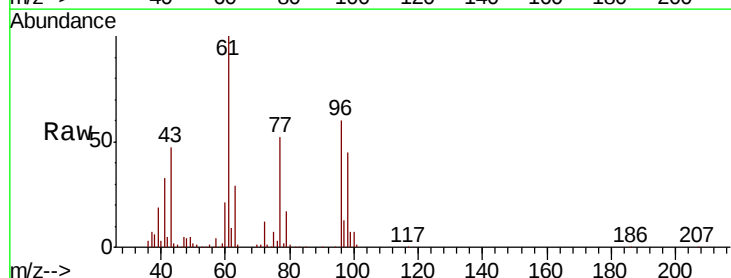
Acq: 25 Sep 2018 17:01

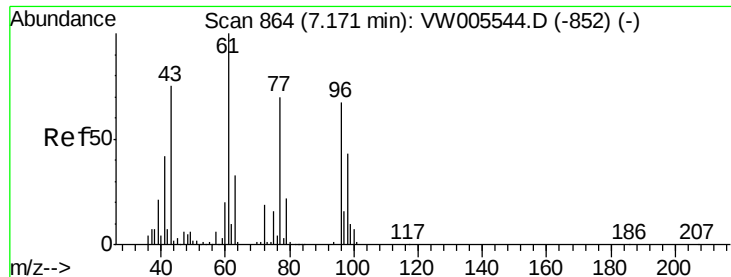
Tgt Ion: 77 Resp: 97907

Ion Ratio Lower Upper

77 100

97 23.1 11.0 33.0



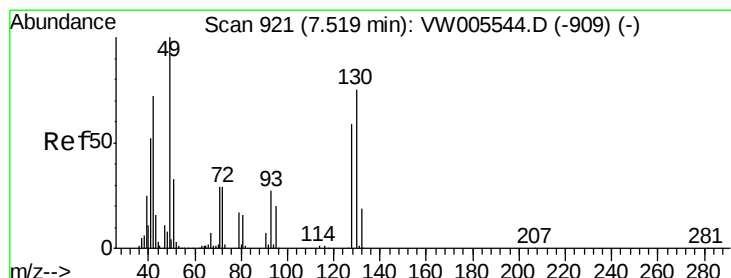
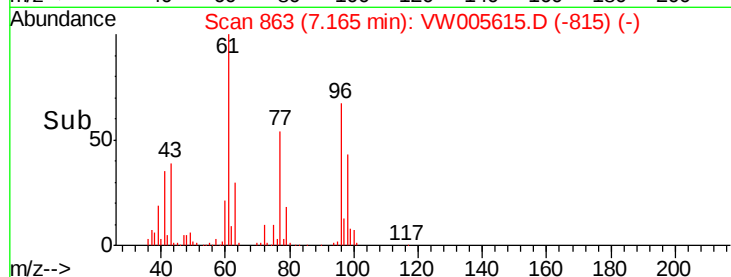
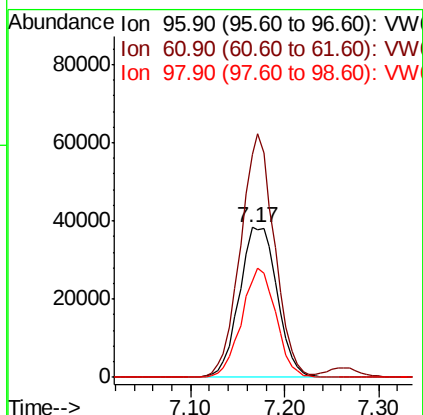
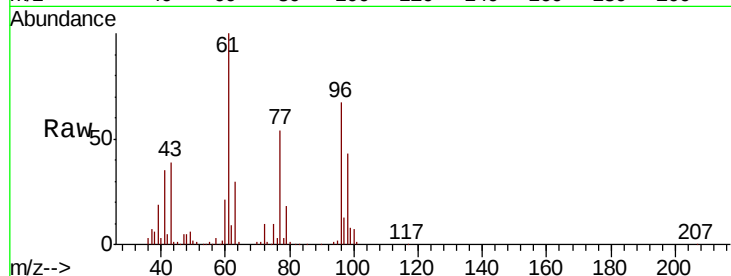


#27

cis-1,2-Dichloroethene
 Concen: 48.417 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

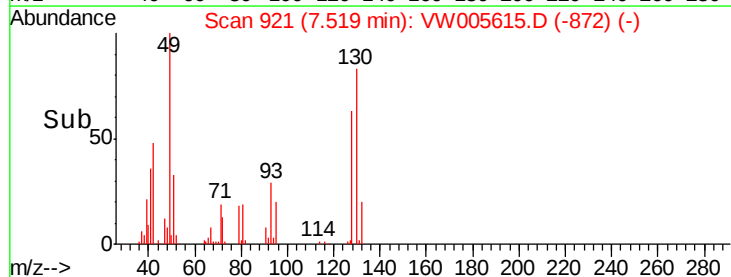
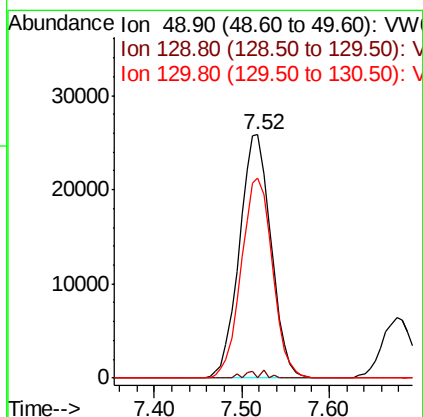
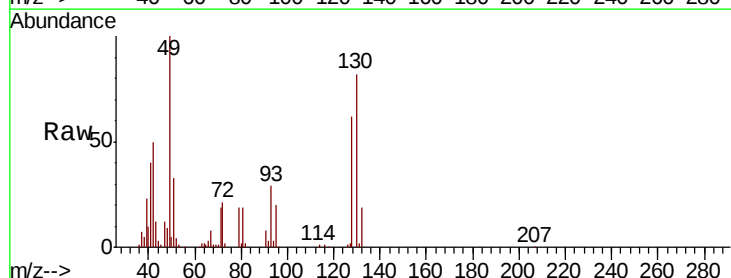
Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	303.4
98	66.1	0.0	127.2

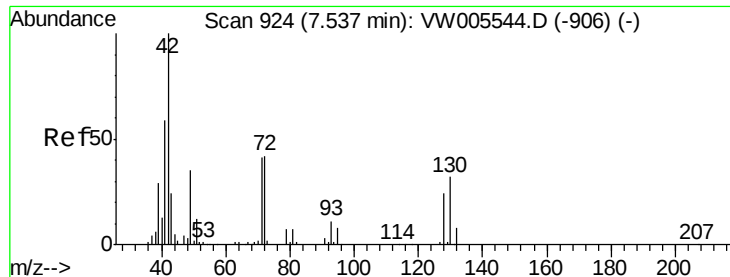


#28

Bromochloromethane
 Concen: 42.932 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.4
130	81.1	61.3	91.9

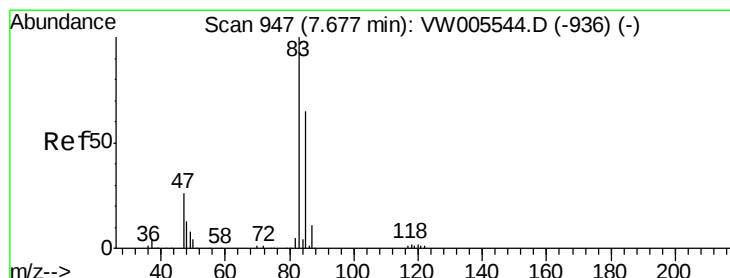
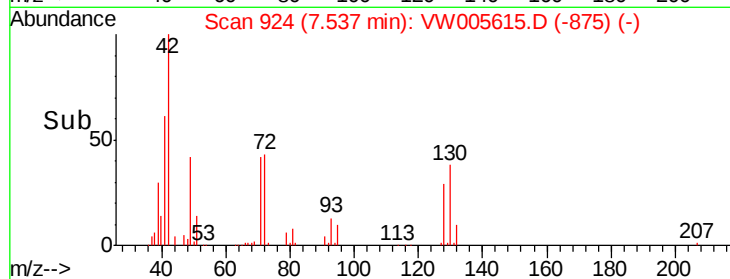
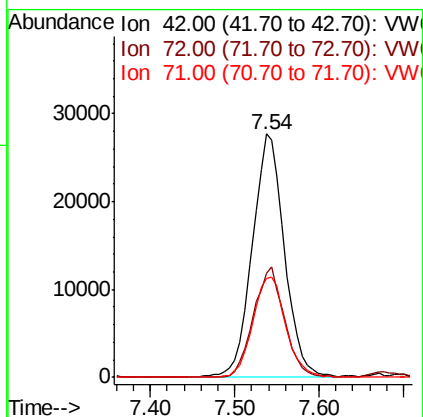
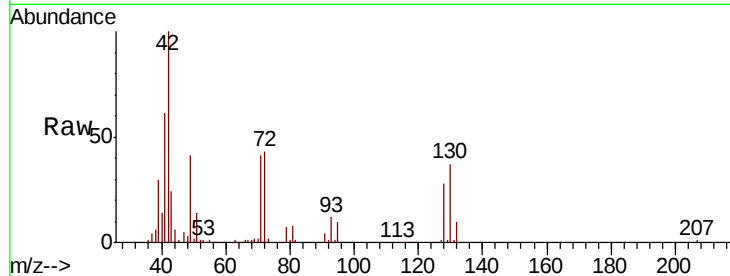




#29
Tetrahydrofuran
Concen: 200.709 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

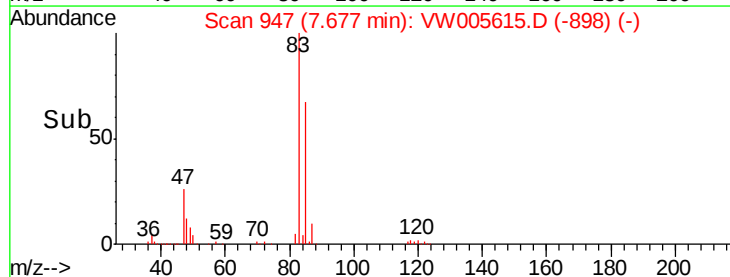
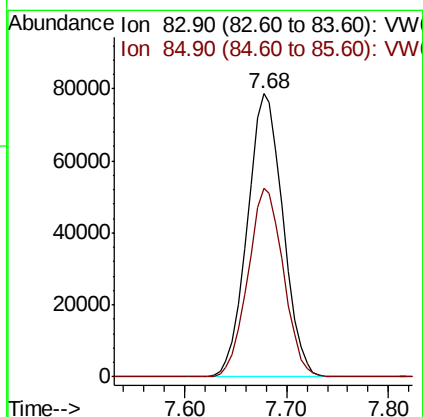
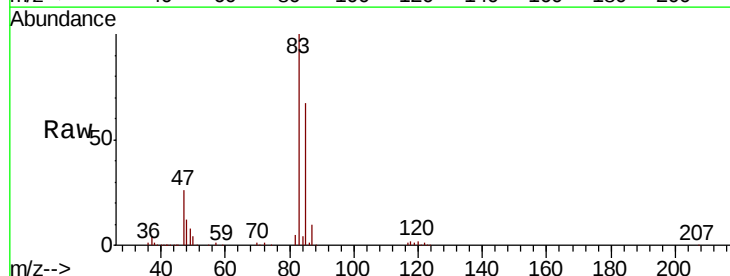
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

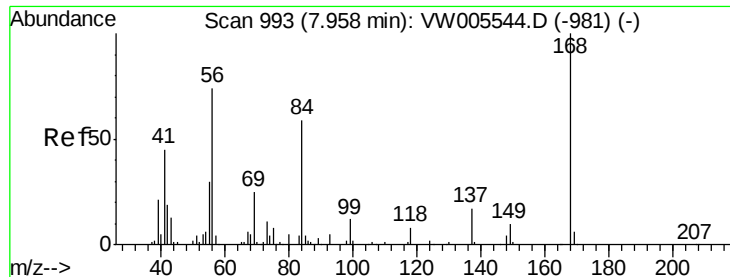
Tgt Ion: 42 Resp: 72006
Ion Ratio Lower Upper
42 100
72 43.7 33.6 50.4
71 42.2 31.8 47.6



#30
Chloroform
Concen: 48.418 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 83 Resp: 191253
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6

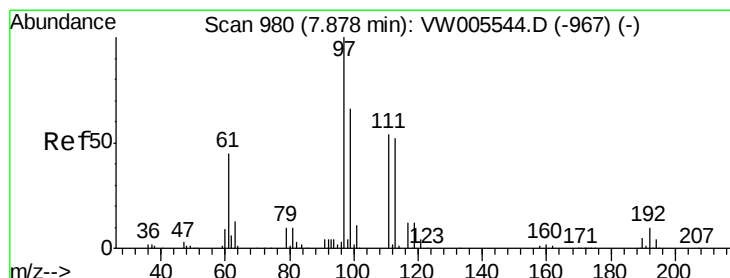
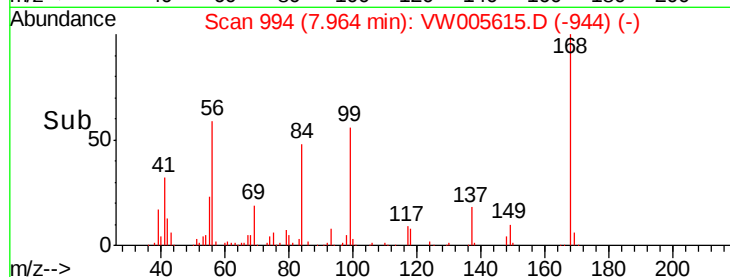
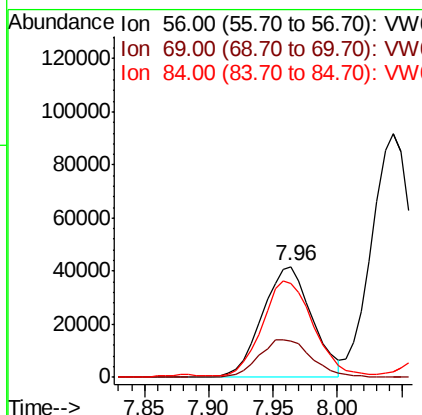
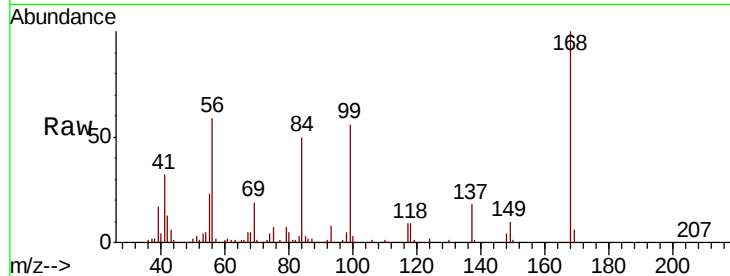




#31
Cyclohexane
Concen: 30.541 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

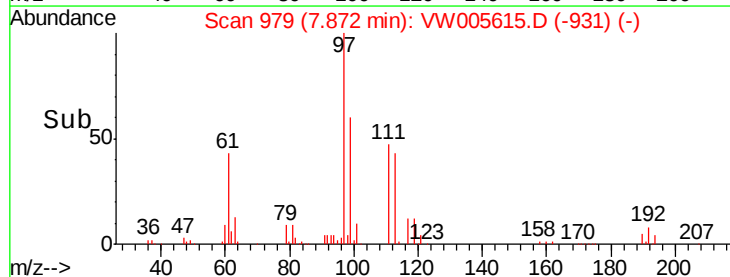
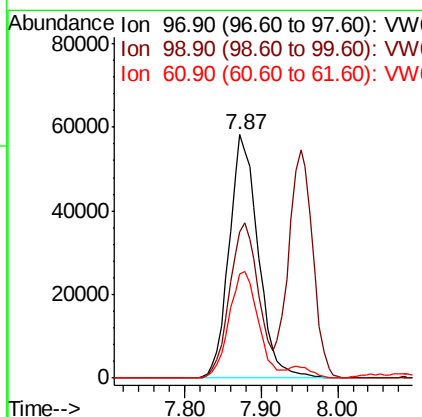
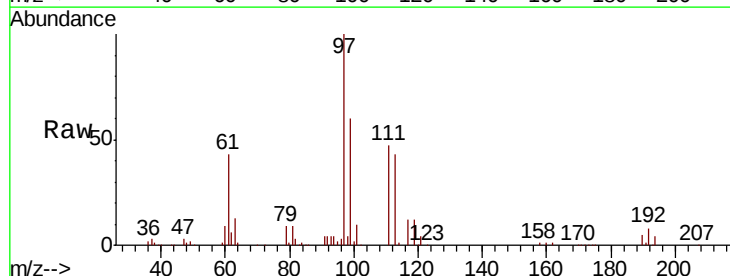
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tgt Ion: 56 Resp: 111950
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.4
84 82.1 64.2 96.4



#32
1,1,1-Trichloroethane
Concen: 43.853 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 97 Resp: 153023
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 44.5 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 51.176 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

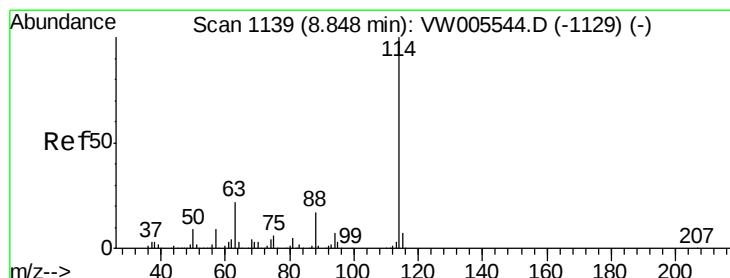
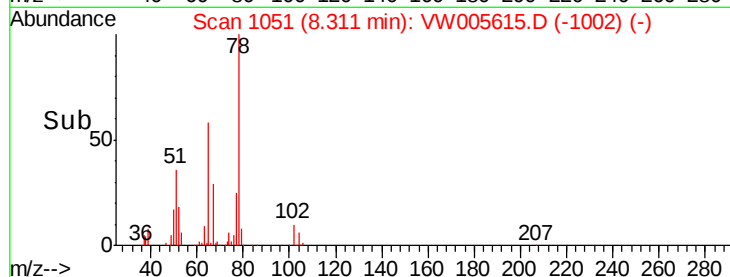
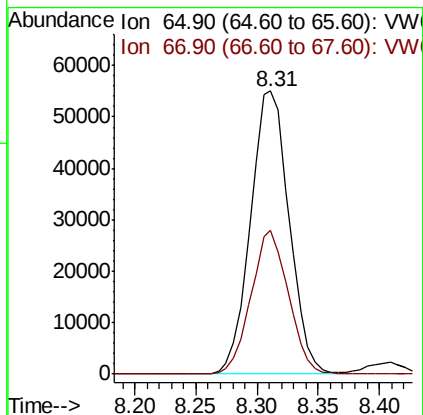
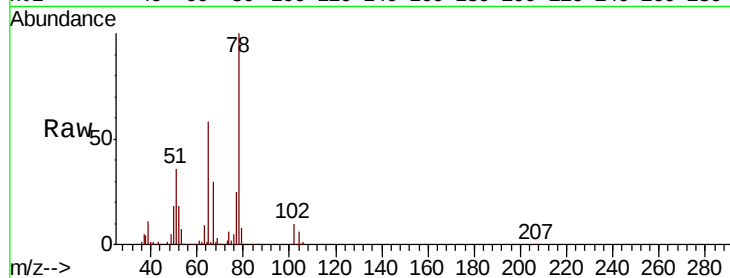
EP1-Q1-G3MS

Tgt Ion: 65 Resp: 121000

Ion Ratio Lower Upper

65 100

67 49.4 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: VW005615.D

Acq: 25 Sep 2018 17:01

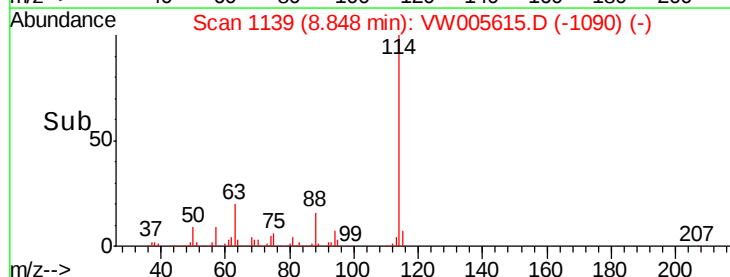
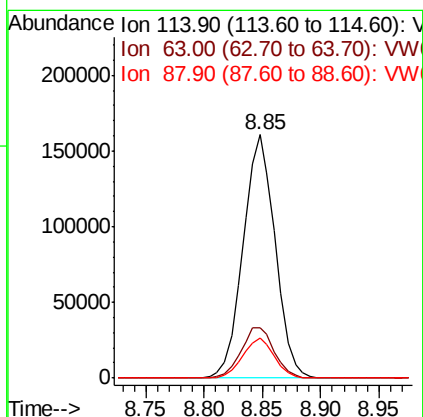
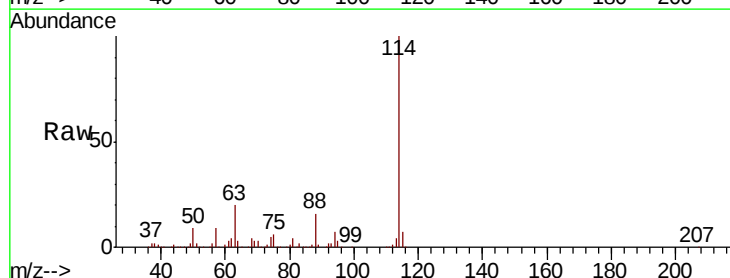
Tgt Ion: 114 Resp: 306526

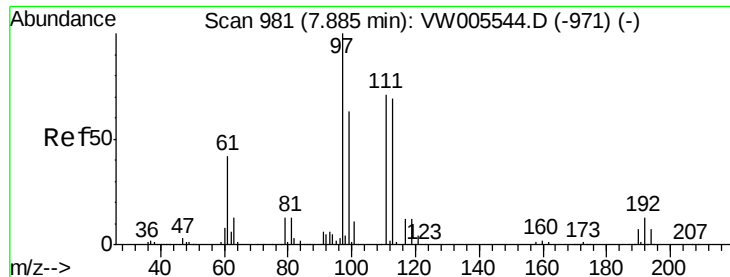
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

88 16.3 0.0 33.0

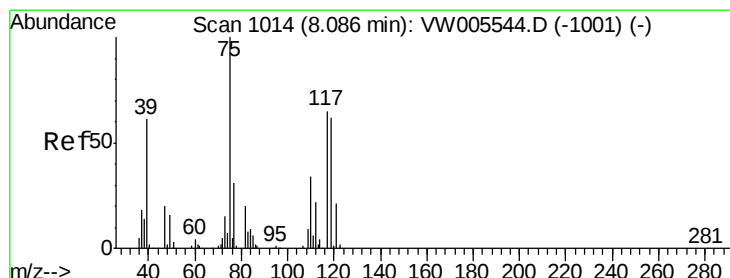
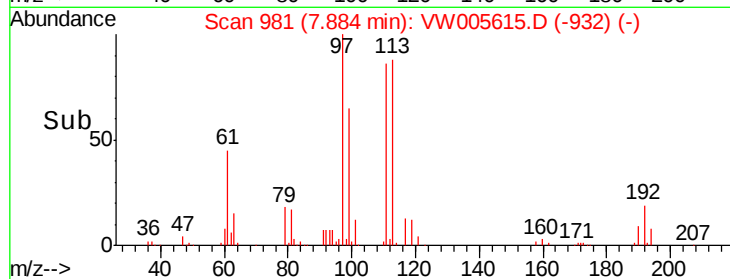
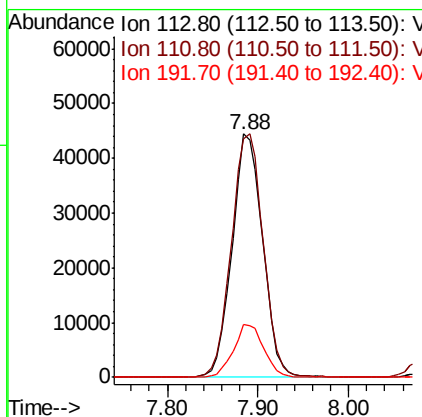
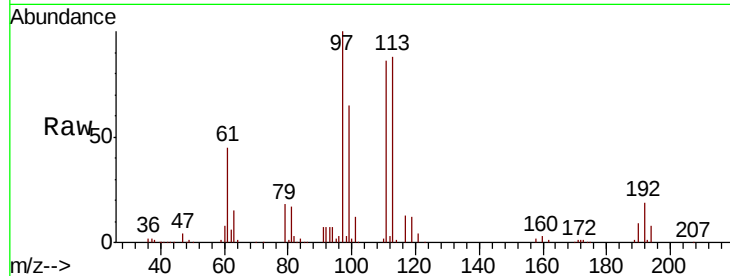




#35
 Dibromofluoromethane
 Concen: 53.966 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

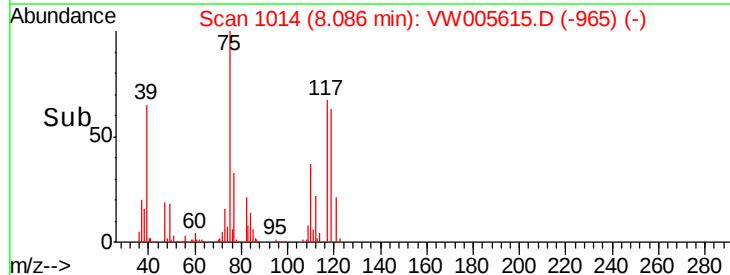
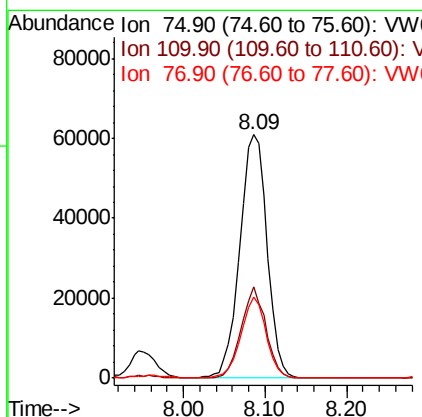
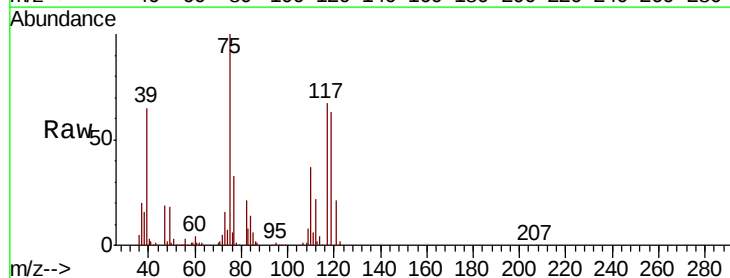
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

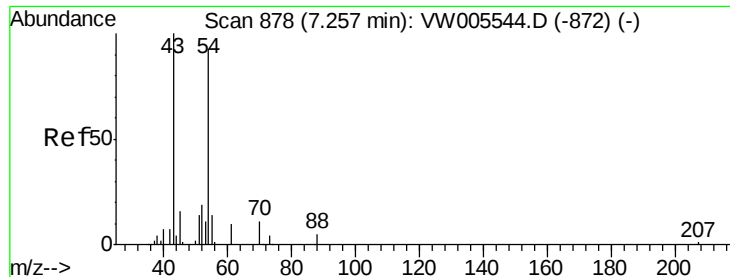
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	21.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 45.797 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	30.9	24.8	37.2

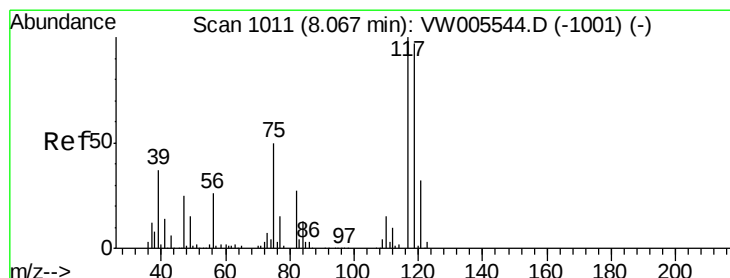
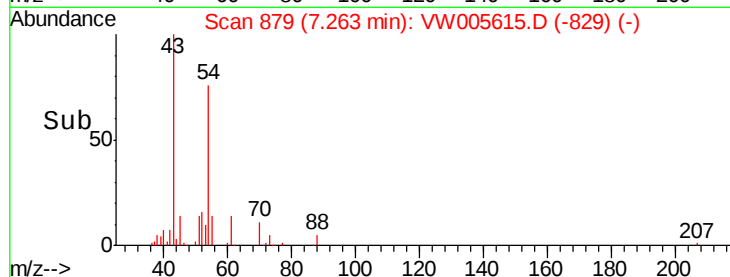
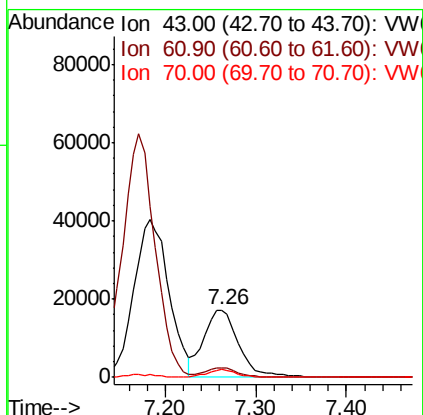
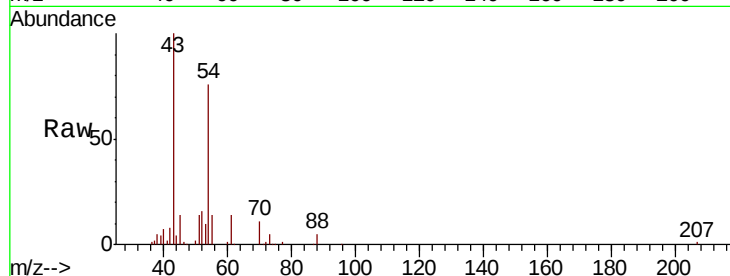




#37
 Ethyl Acetate
 Concen: 35.624 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

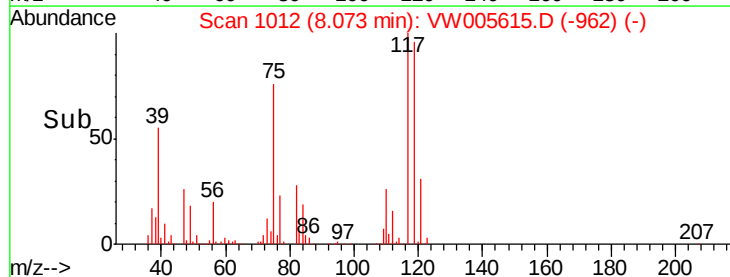
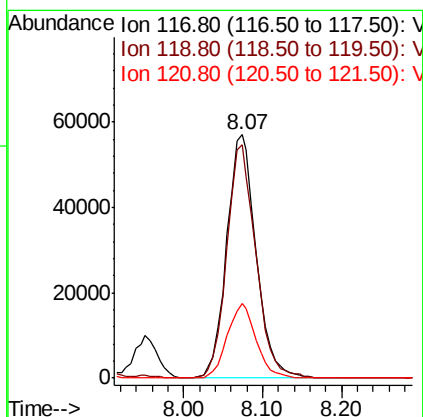
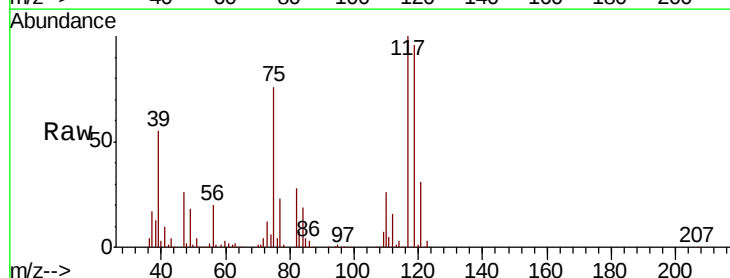
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

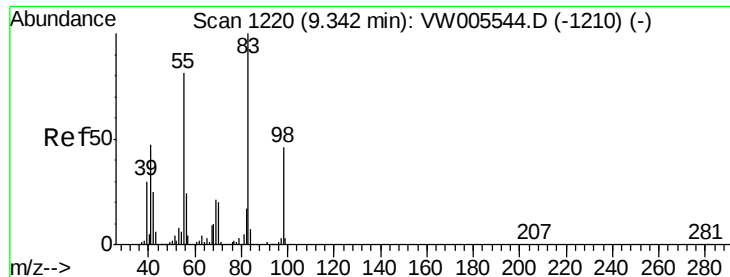
Tgt Ion: 43 Resp: 46259
 Ion Ratio Lower Upper
 43 100
 61 12.9 10.4 15.6
 70 9.6 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 44.741 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 117 Resp: 147940
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.6 116.4
 121 30.7 25.7 38.5

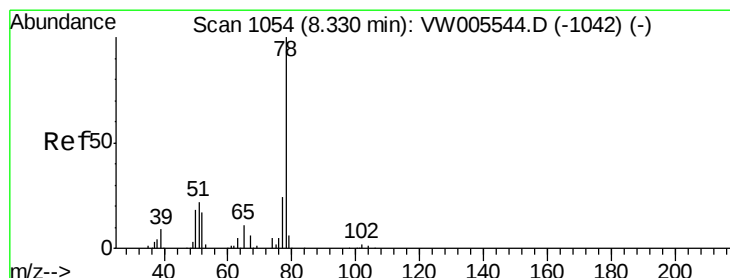
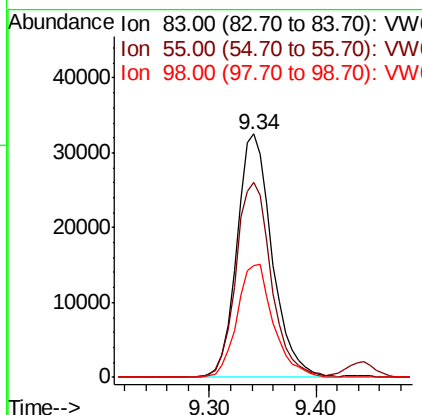
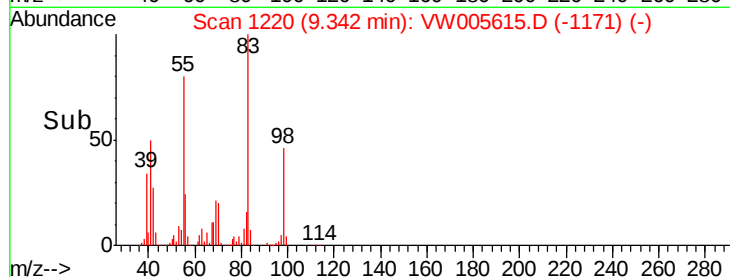
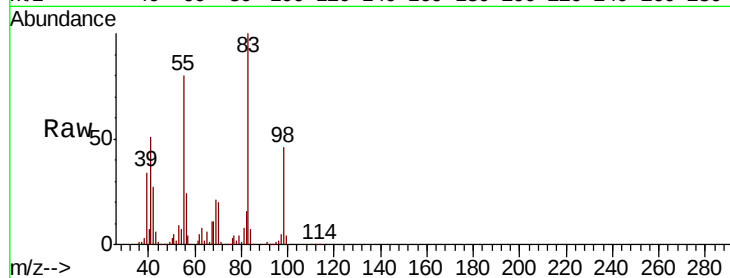




#39
Methylcyclohexane
Concen: 20.744 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

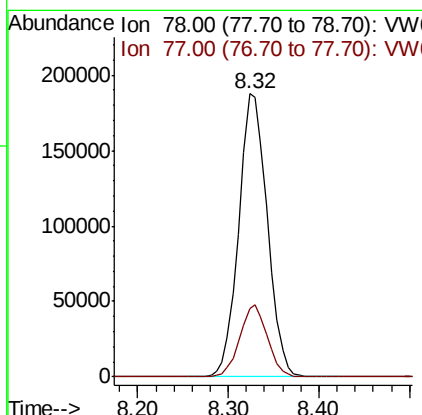
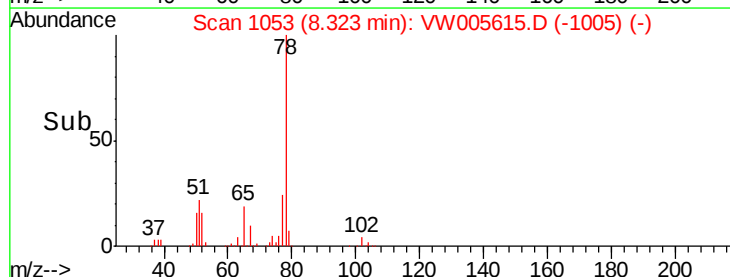
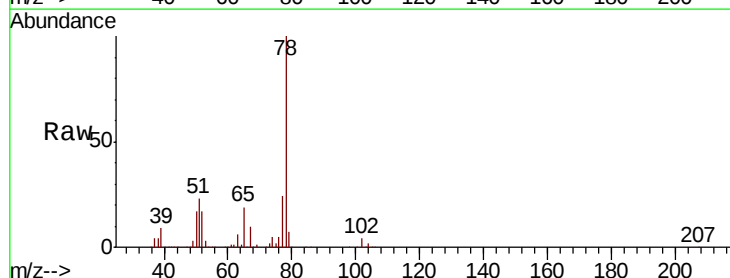
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

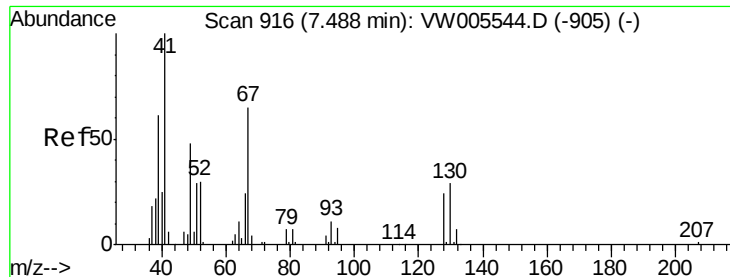
Tgt Ion: 83 Resp: 75520
Ion Ratio Lower Upper
83 100
55 80.0 64.6 97.0
98 46.0 37.0 55.6



#40
Benzene
Concen: 46.799 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 78 Resp: 409155
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 38.817 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

Tgt Ion: 41 Resp: 28683

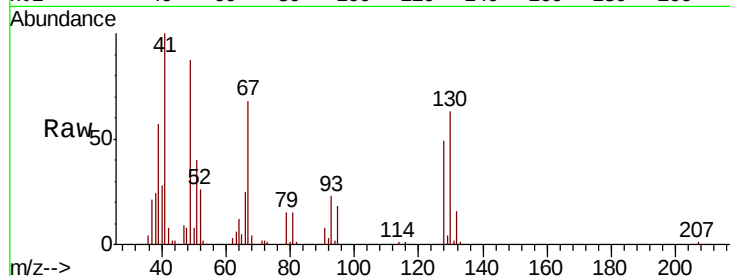
Ion Ratio Lower Upper

41 100

39 64.1 45.4 68.2

67 76.0 55.2 82.8

52 33.1 25.3 37.9

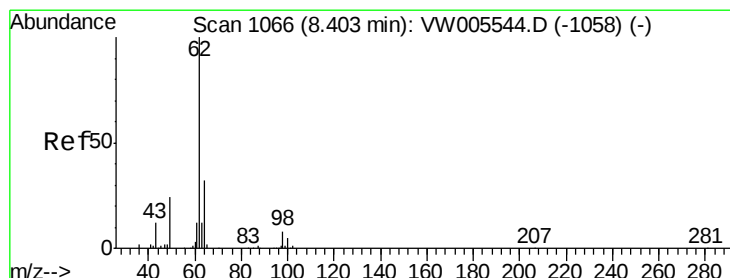
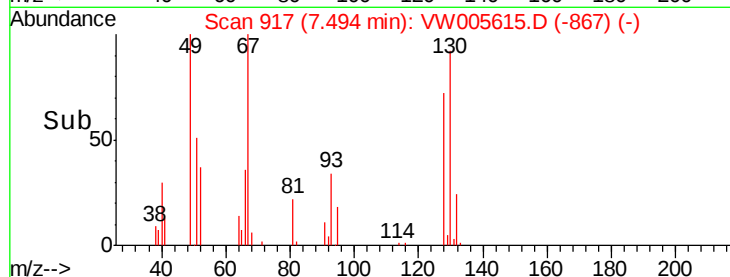
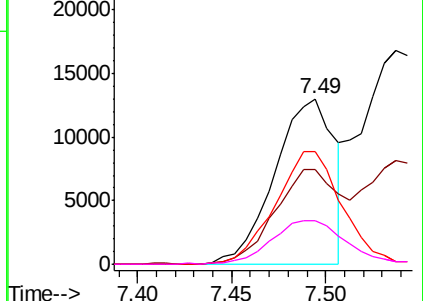


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 47.274 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005615.D

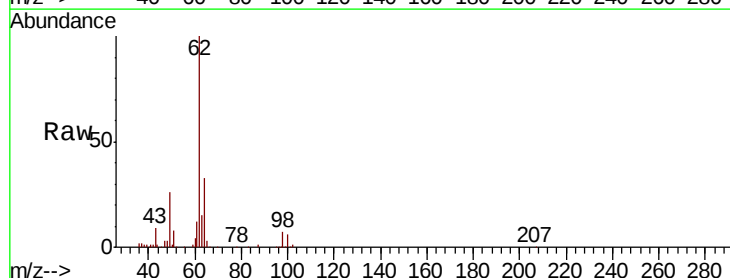
Acq: 25 Sep 2018 17:01

Tgt Ion: 62 Resp: 132328

Ion Ratio Lower Upper

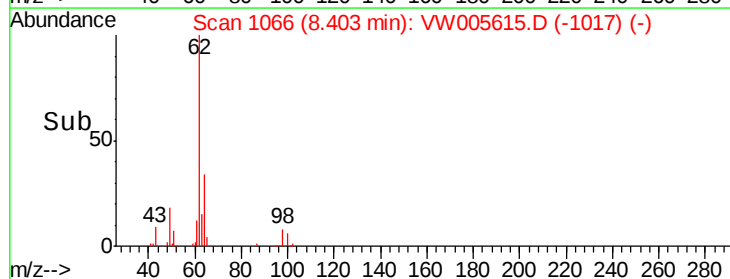
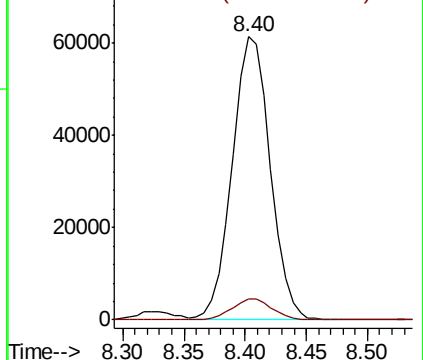
62 100

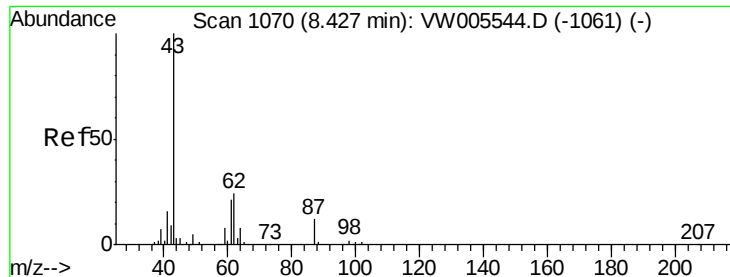
98 7.7 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 39.235 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

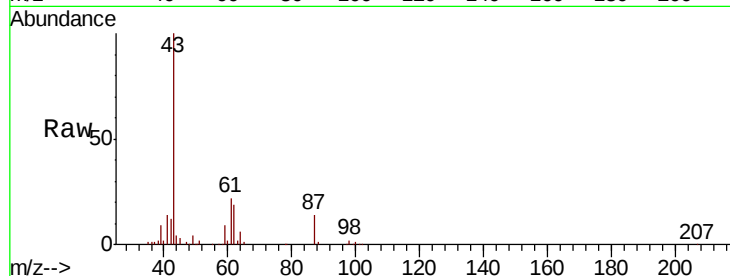
Tgt Ion: 43 Resp: 100168

Ion Ratio Lower Upper

43 100

61 32.9 24.1 36.1

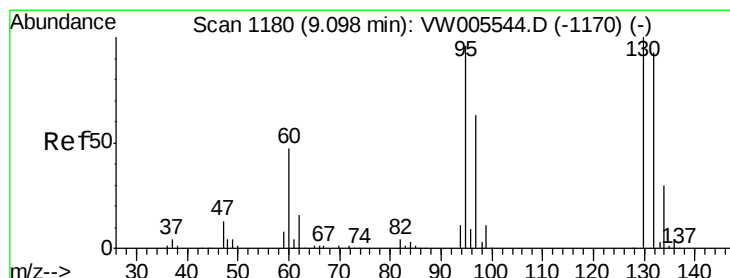
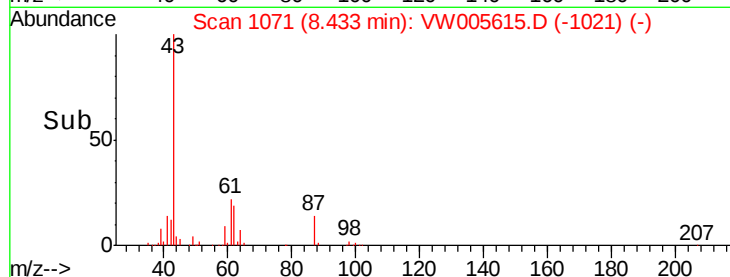
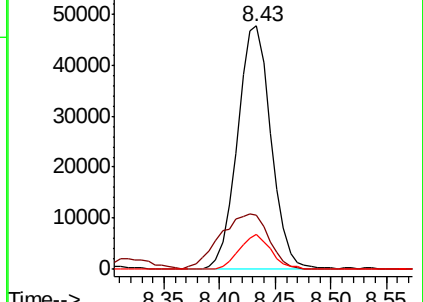
87 13.5 9.8 14.8



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: 46.367 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005615.D

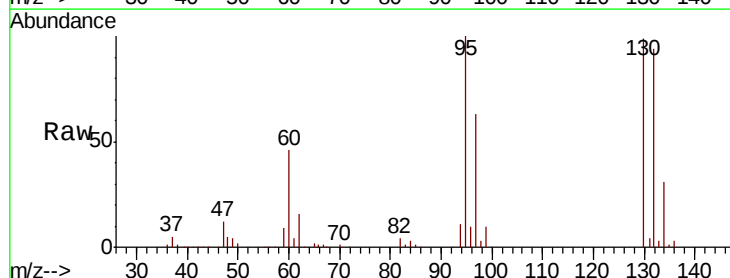
Acq: 25 Sep 2018 17:01

Tgt Ion: 130 Resp: 103762

Ion Ratio Lower Upper

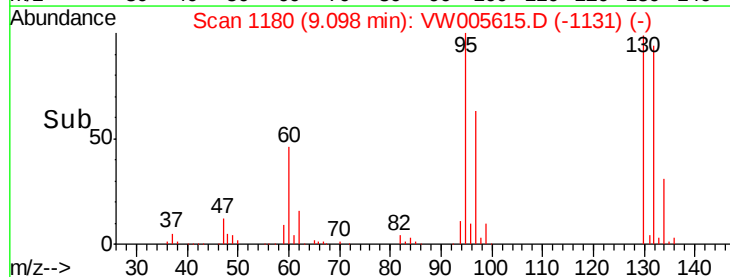
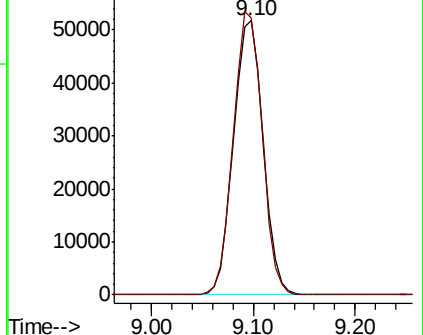
130 100

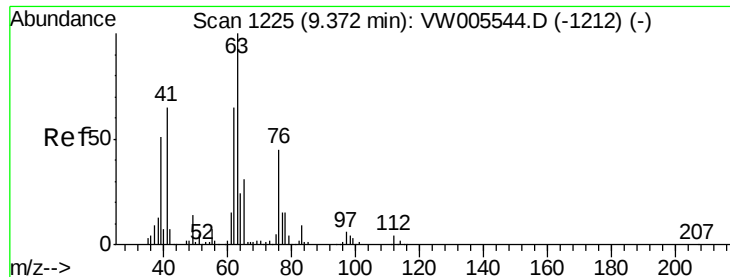
95 101.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

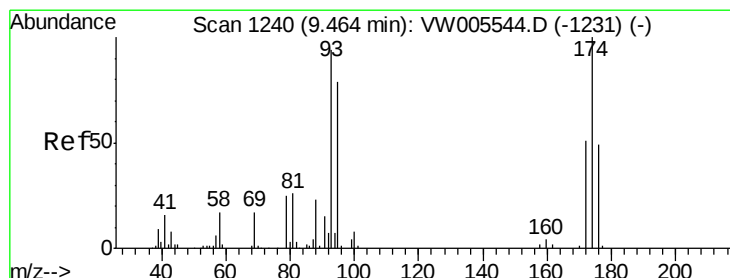
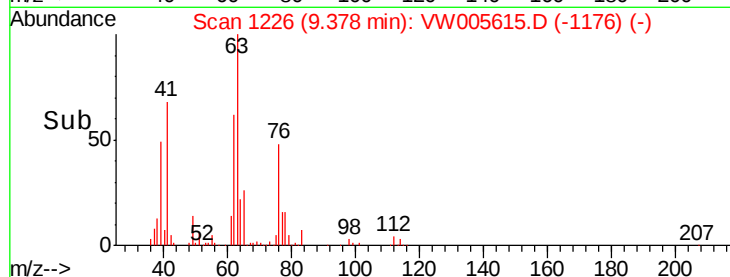
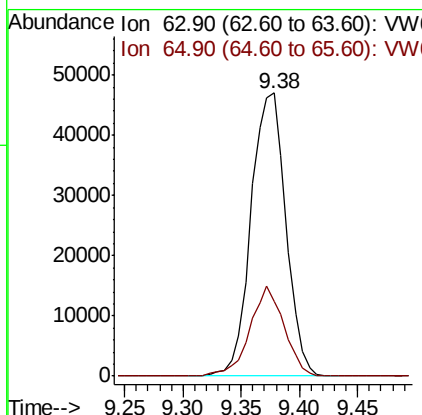
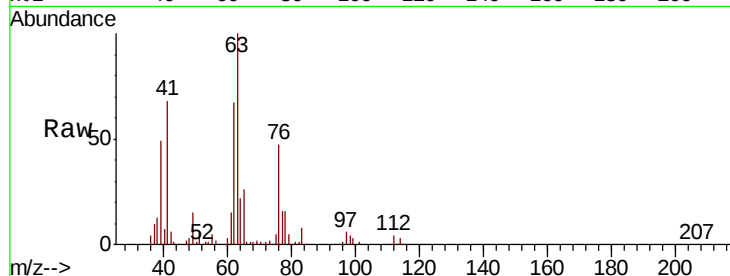




#45
 1,2-Dichloropropane
 Concen: 45.391 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

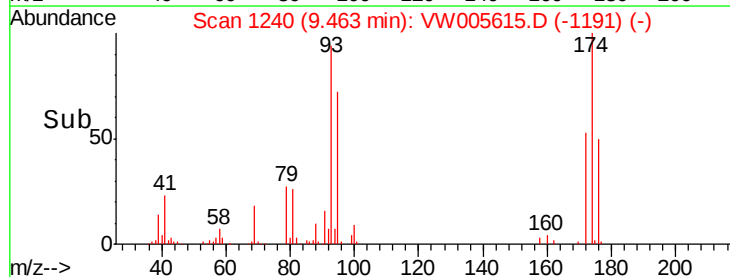
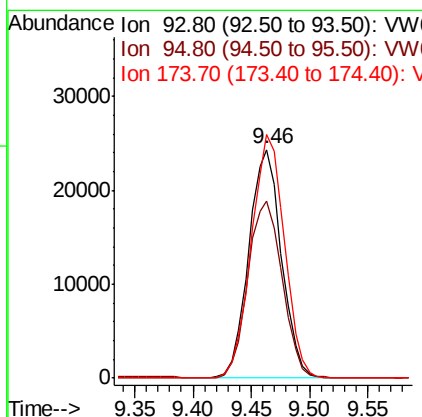
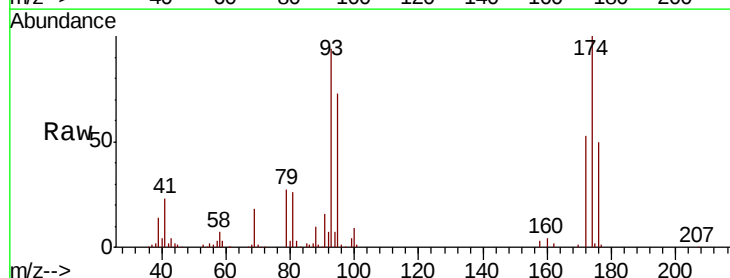
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

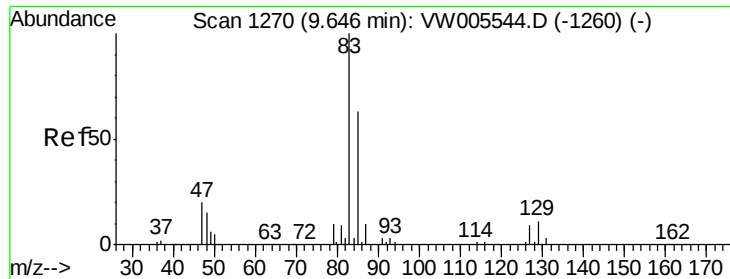
Tgt Ion: 63 Resp: 97631
 Ion Ratio Lower Upper
 63 100
 65 26.3 24.7 37.1



#46
 Dibromomethane
 Concen: 44.250 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 93 Resp: 47555
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.8 98.8
 174 107.6 84.0 126.0





#47

Bromodichloromethane

Concen: 46.338 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

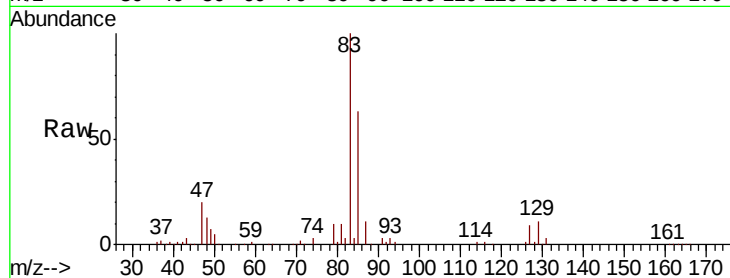
Tgt Ion: 83 Resp: 133776

Ion Ratio Lower Upper

83 100

85 62.6 50.5 75.7

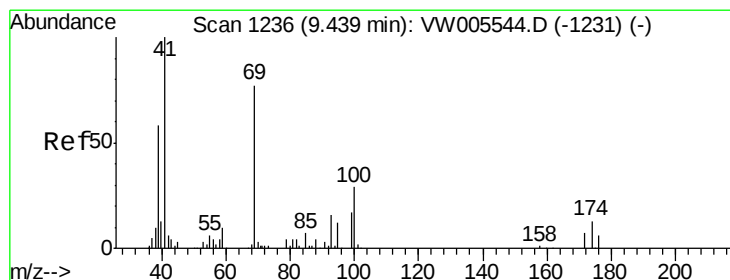
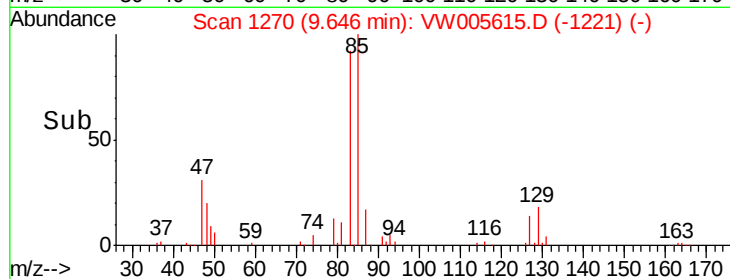
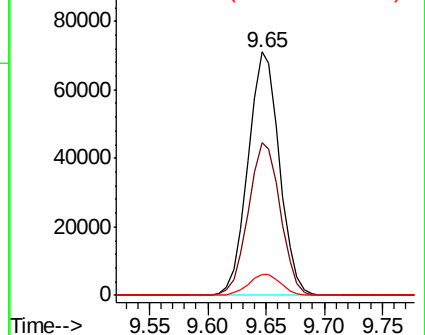
127 8.7 7.0 10.6



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): VW



#48

Methyl methacrylate

Concen: 46.491 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

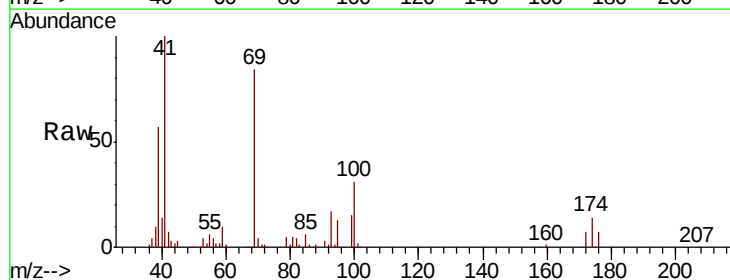
Tgt Ion: 41 Resp: 56376

Ion Ratio Lower Upper

41 100

69 78.8 64.7 97.1

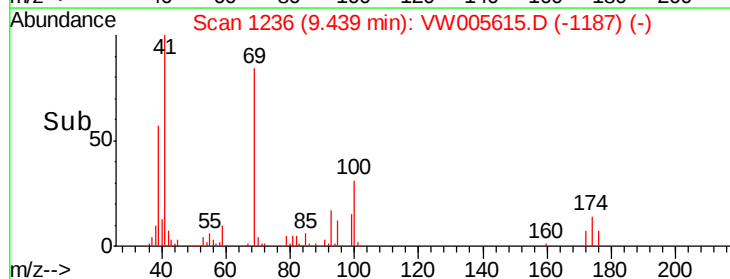
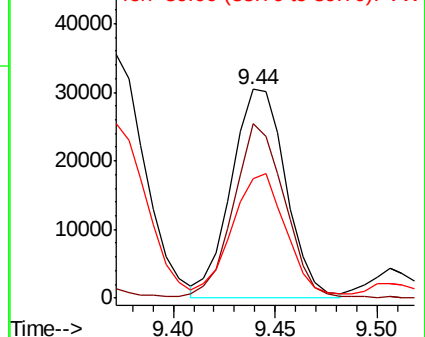
39 59.6 50.5 75.7

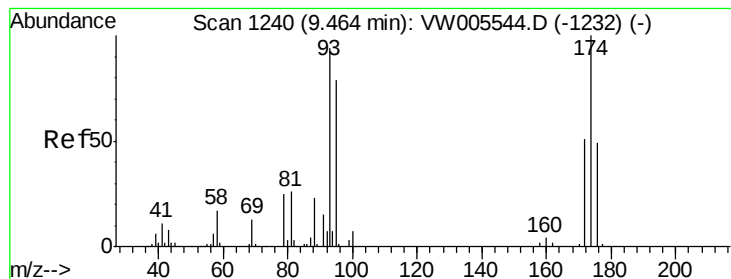


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 704.421 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

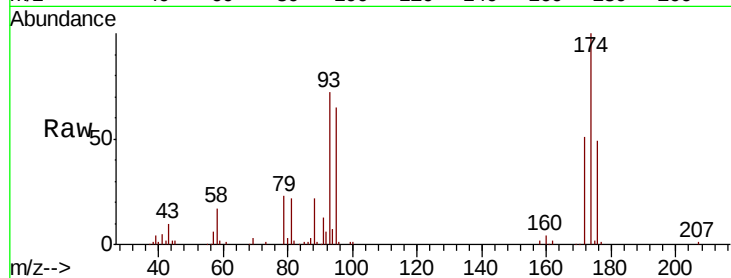
Tgt Ion: 88 Resp: 12036

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

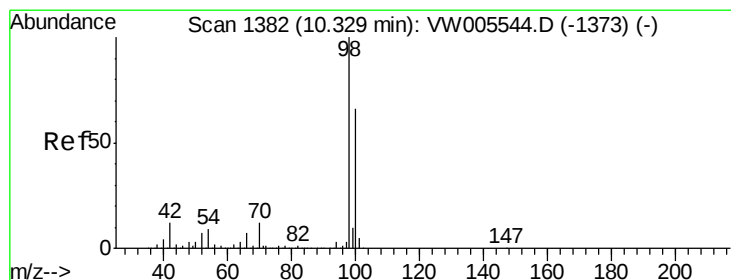
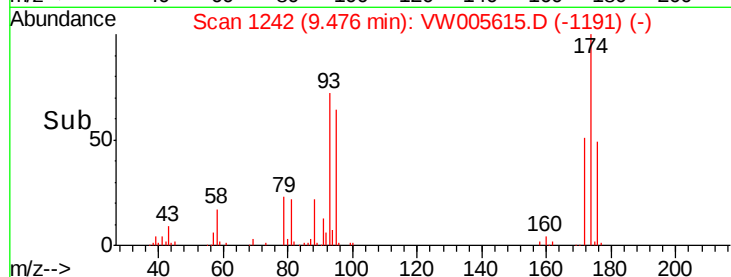
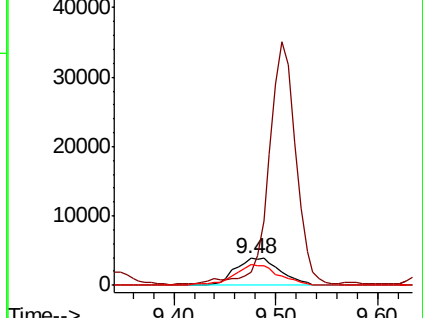
58 76.1 61.2 91.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.204 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005615.D

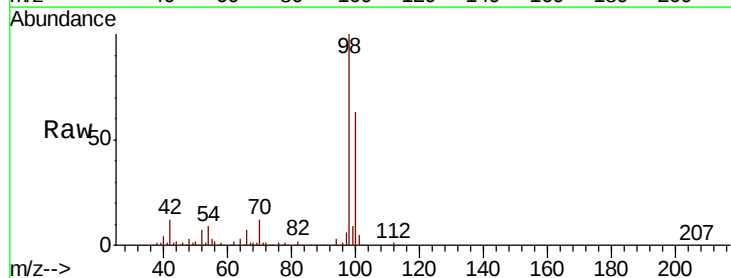
Acq: 25 Sep 2018 17:01

Tgt Ion: 98 Resp: 409743

Ion Ratio Lower Upper

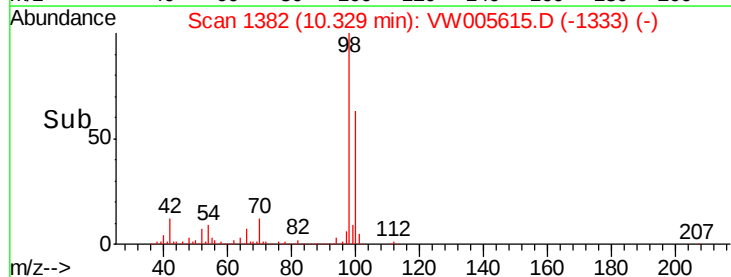
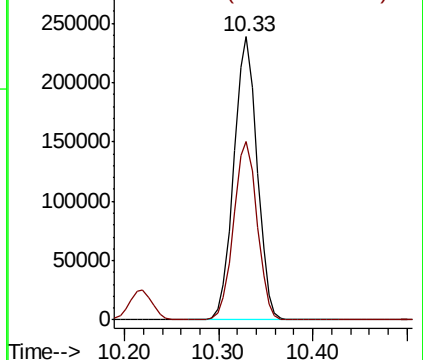
98 100

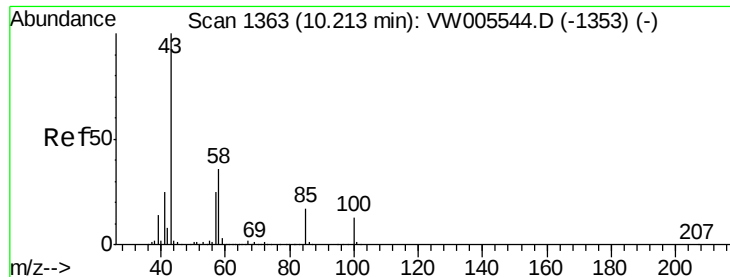
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

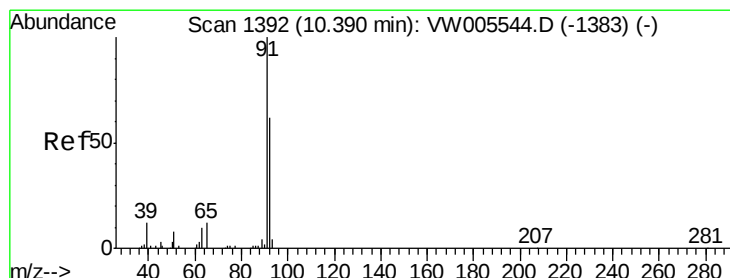
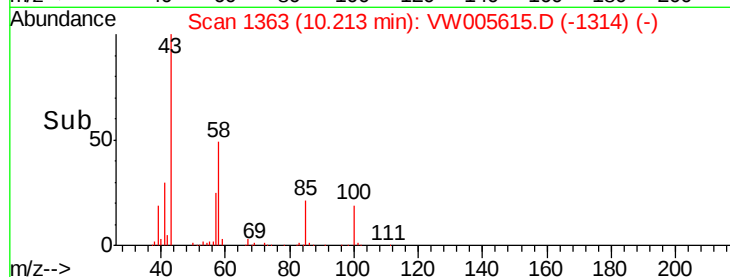
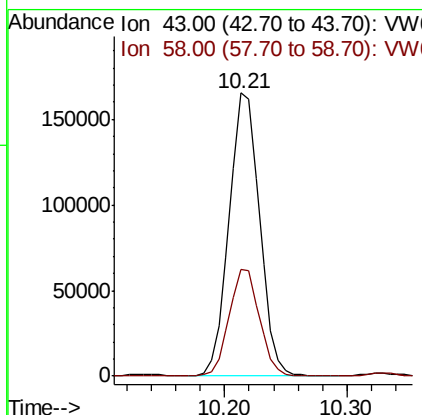
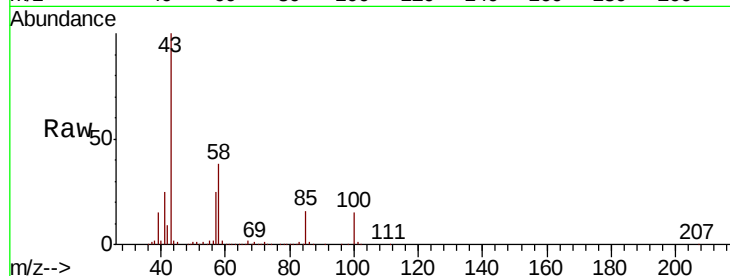




#51
 4-Methyl-2-Pentanone
 Concen: 221.756 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

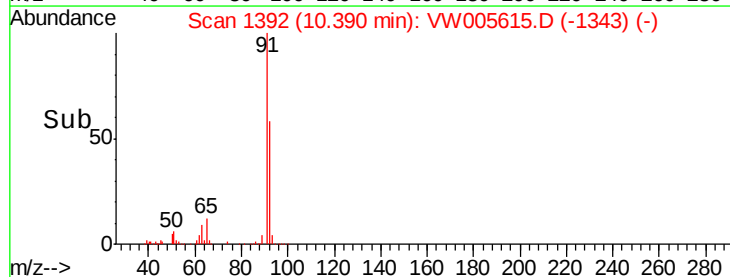
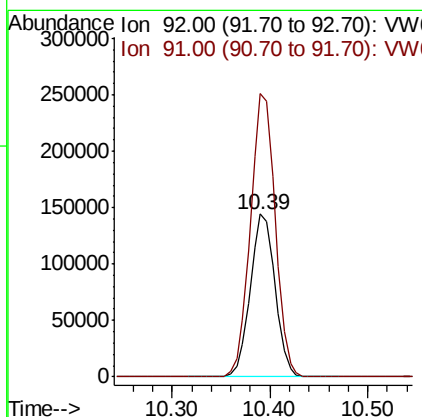
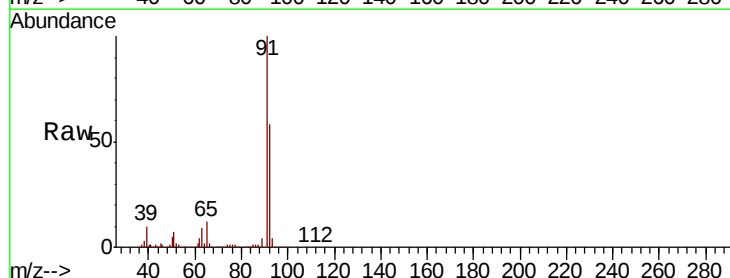
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

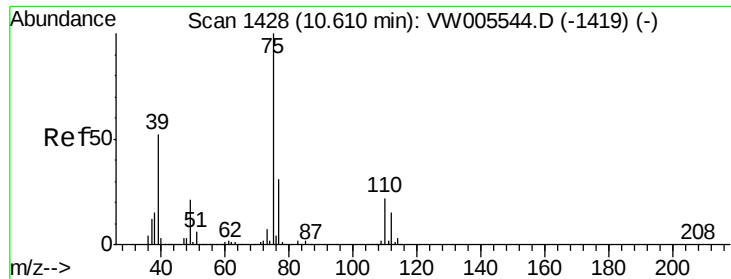
Tgt Ion: 43 Resp: 285148
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.0 45.0



#52
 Toluene
 Concen: 46.343 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 92 Resp: 252811
 Ion Ratio Lower Upper
 92 100
 91 174.3 137.1 205.7

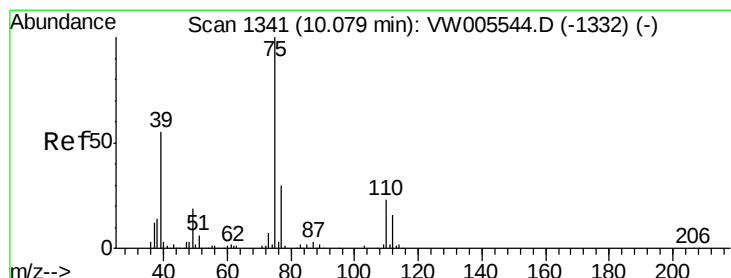
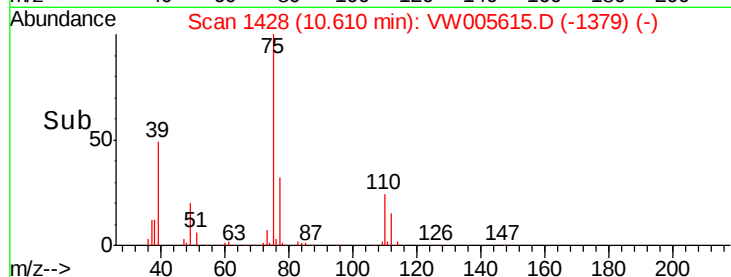
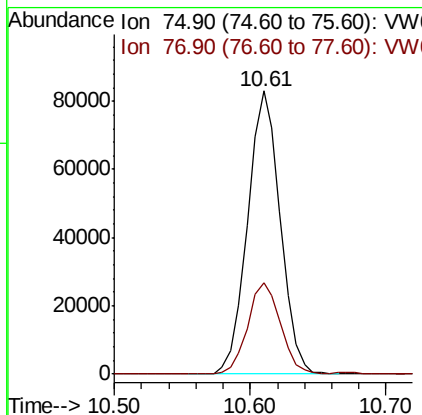
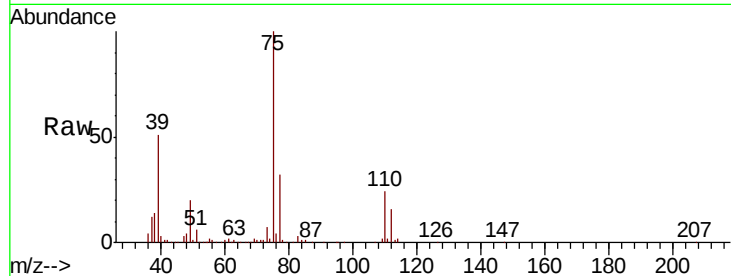




#53
 t-1,3-Dichloropropene
 Concen: 48.264 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

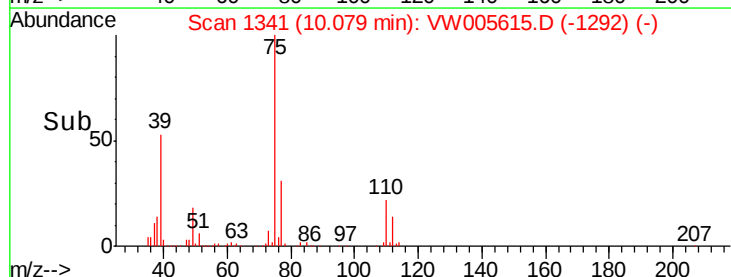
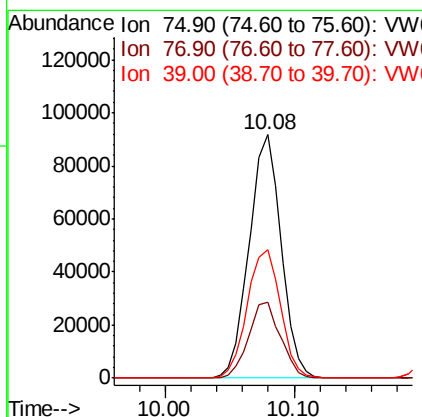
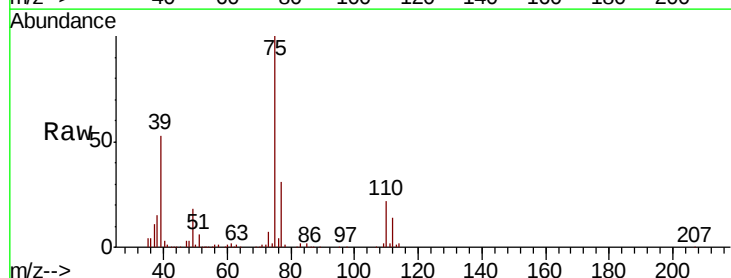
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

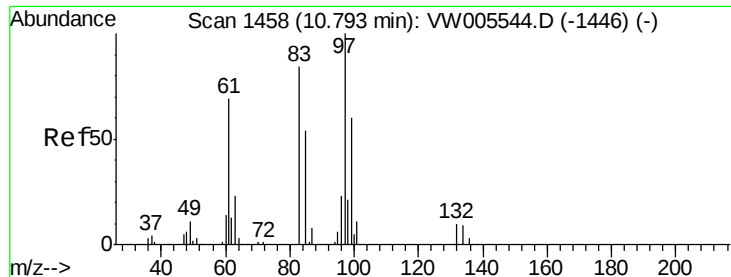
Tgt Ion: 75 Resp: 139682
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.455 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 75 Resp: 157122
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5
 39 52.8 43.7 65.5

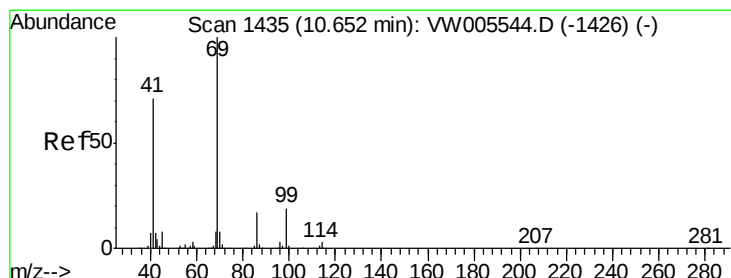
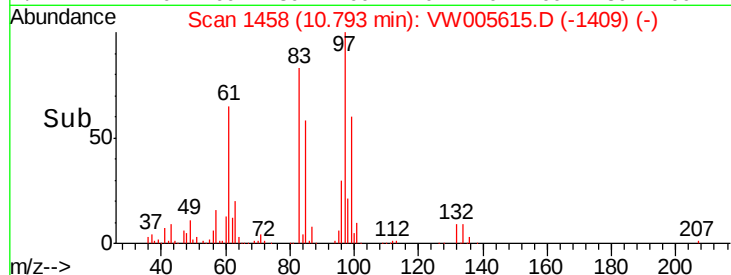
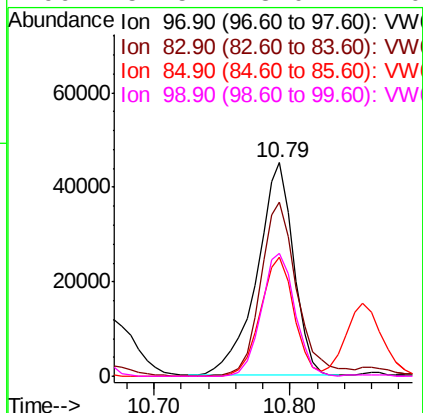
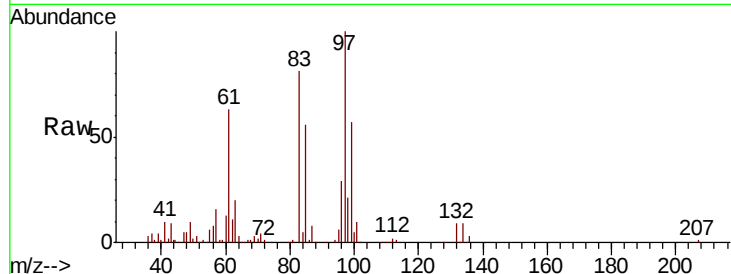




#55
 1,1,2-Trichloroethane
 Concen: 55.642 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

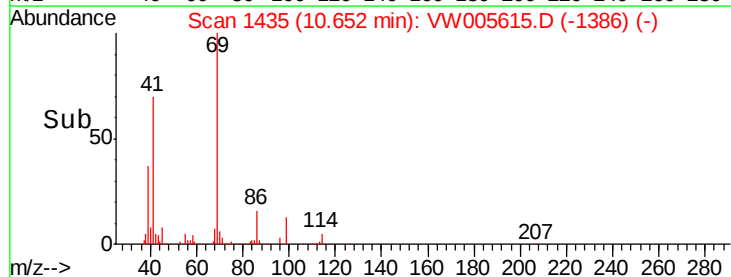
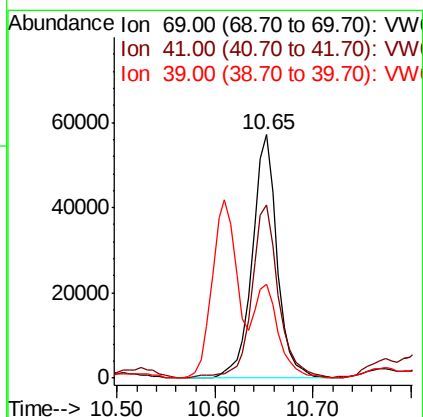
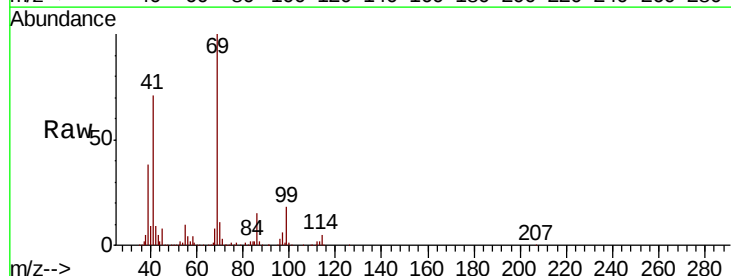
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

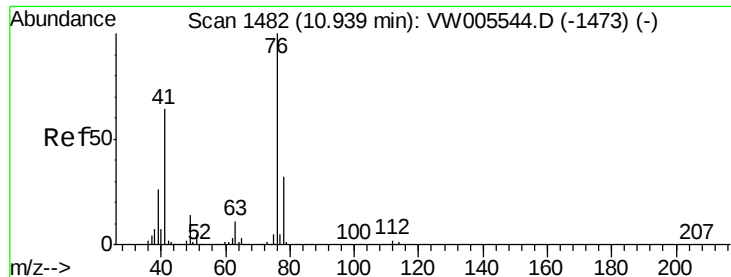
Tgt Ion:	97	Resp:	84883
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.4	101.2
85	55.7	43.3	64.9
99	57.5	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 53.750 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion:	69	Resp:	101220
Ion	Ratio	Lower	Upper
69	100		
41	75.1	57.3	85.9
39	36.0	29.2	43.8

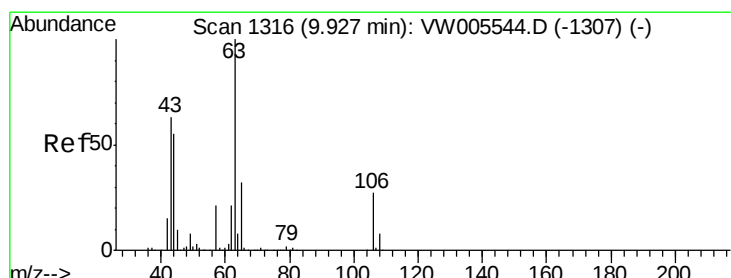
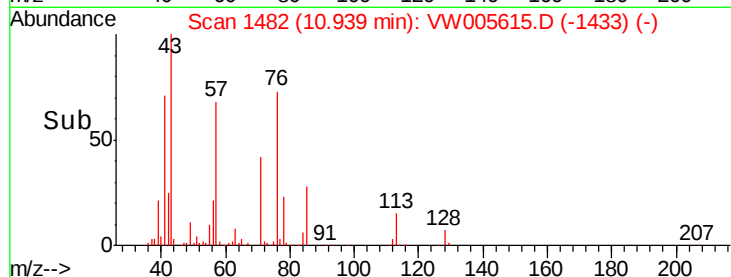
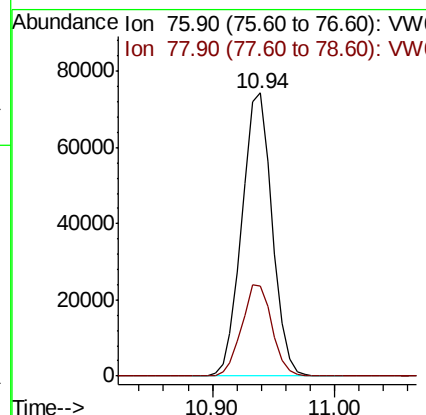
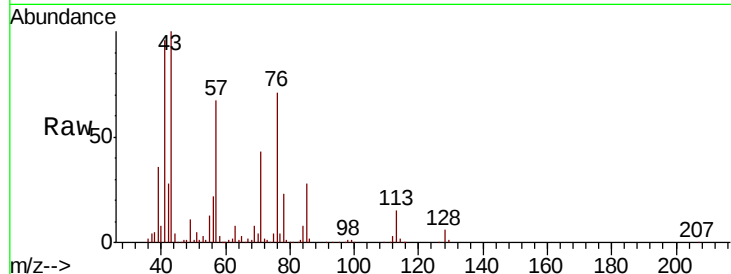




#57
 1,3-Dichloropropane
 Concen: 47.176 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

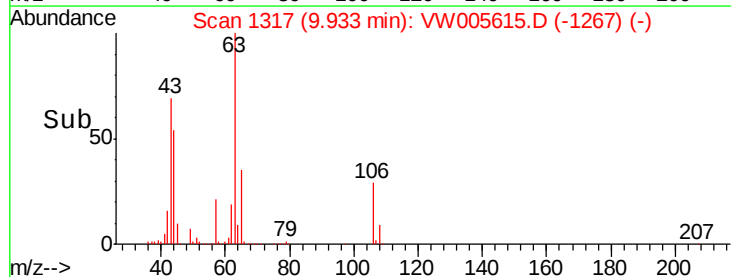
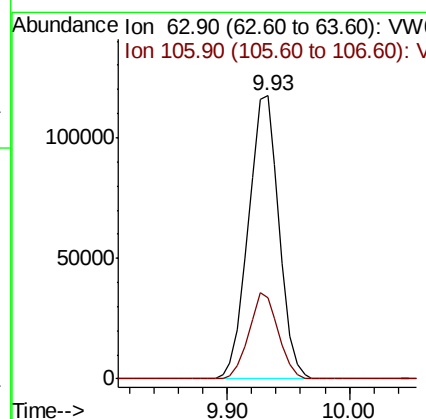
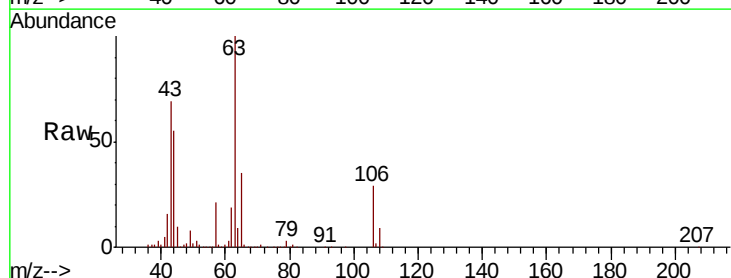
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

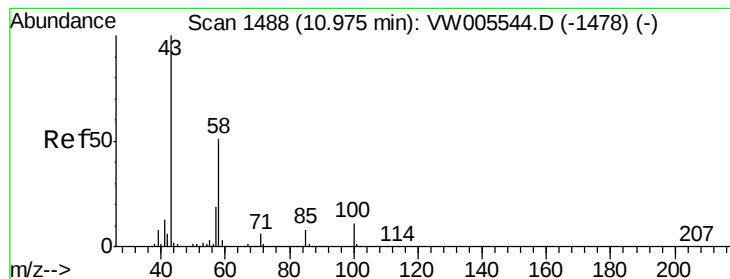
Tgt Ion: 76 Resp: 127550
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.681 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 63 Resp: 204605
 Ion Ratio Lower Upper
 63 100
 106 29.0 21.6 32.4





#59

2-Hexanone

Concen: 210.334 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampled :

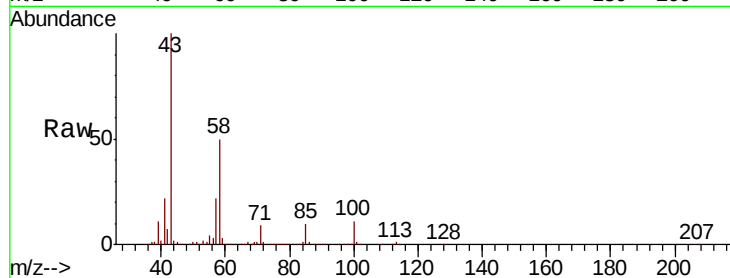
EP1-Q1-G3MS

Tgt Ion: 43 Resp: 183731

Ion Ratio Lower Upper

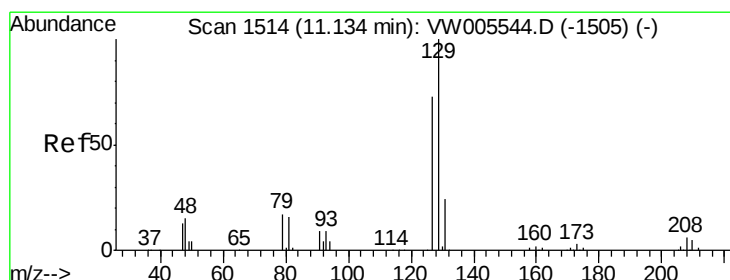
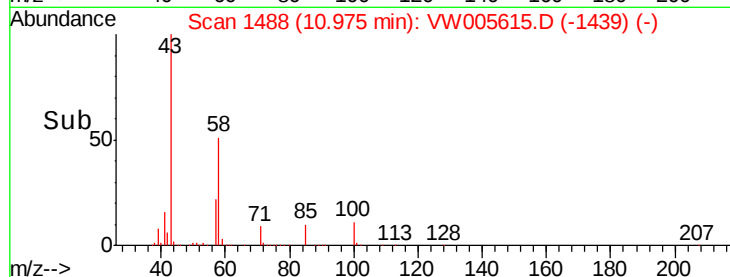
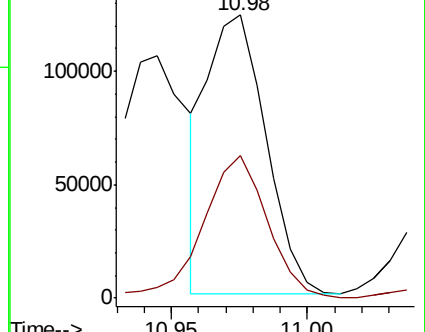
43 100

58 56.8 25.3 75.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 48.985 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005615.D

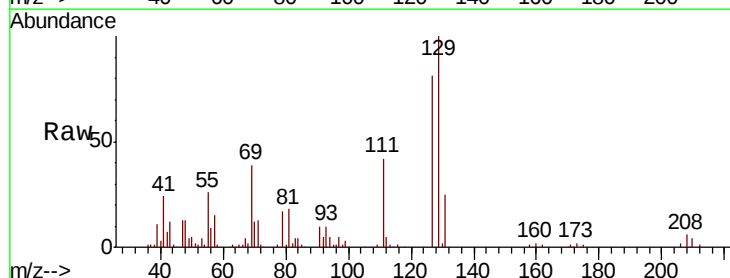
Acq: 25 Sep 2018 17:01

Tgt Ion: 129 Resp: 90290

Ion Ratio Lower Upper

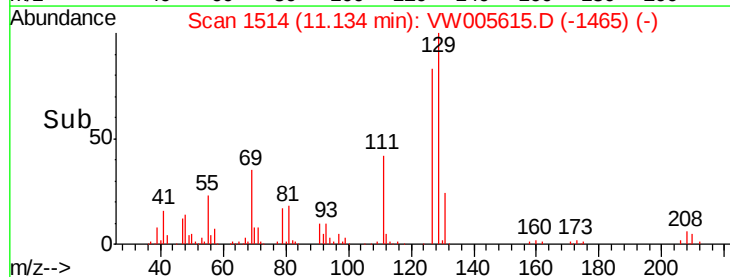
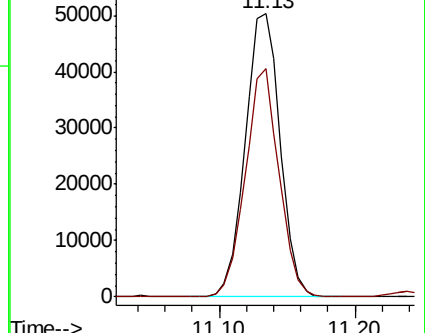
129 100

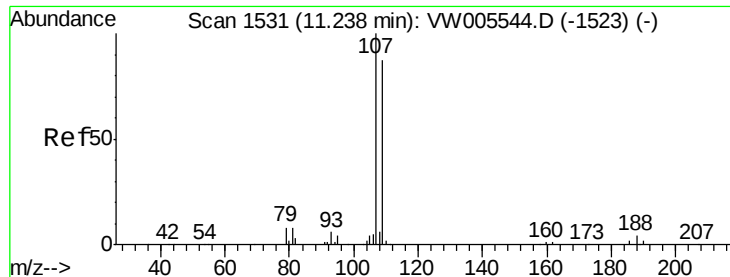
127 77.8 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

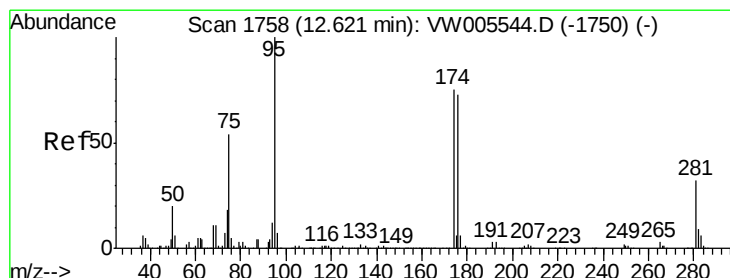
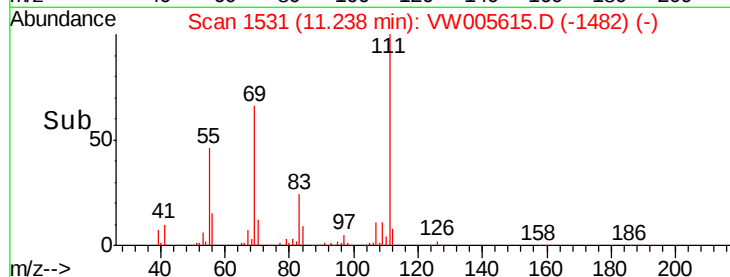
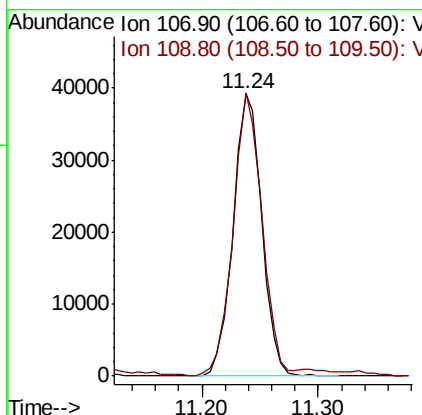
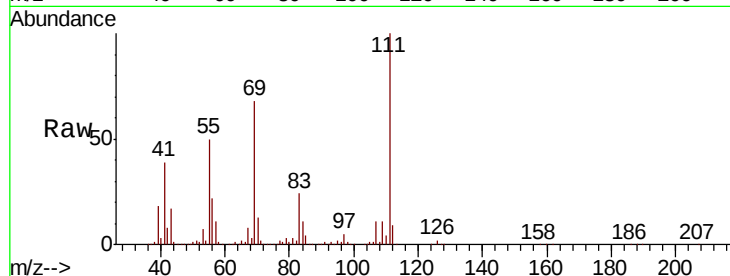




#61
 1,2-Dibromoethane
 Concen: 47.385 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

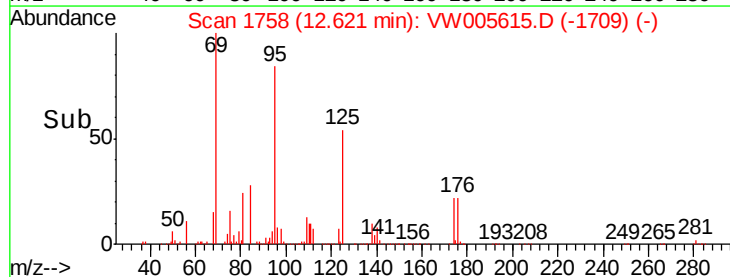
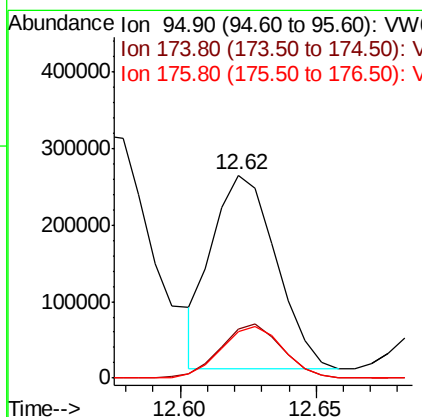
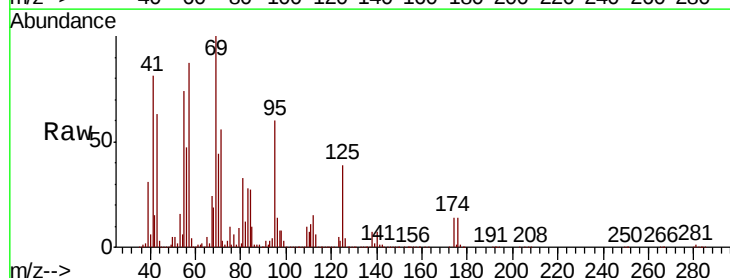
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

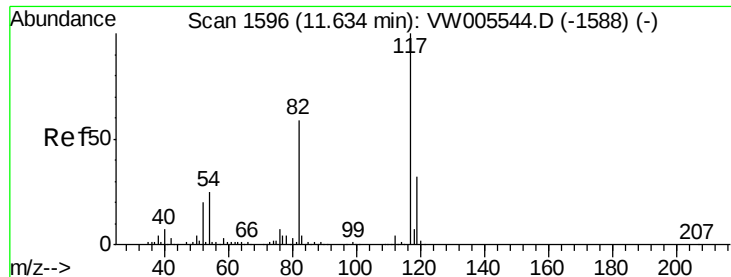
Tgt Ion: 107 Resp: 67397
 Ion Ratio Lower Upper
 107 100
 109 100.2 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 142.859 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 95 Resp: 414900
 Ion Ratio Lower Upper
 95 100
 174 26.8 0.0 163.8
 176 26.1 0.0 158.0

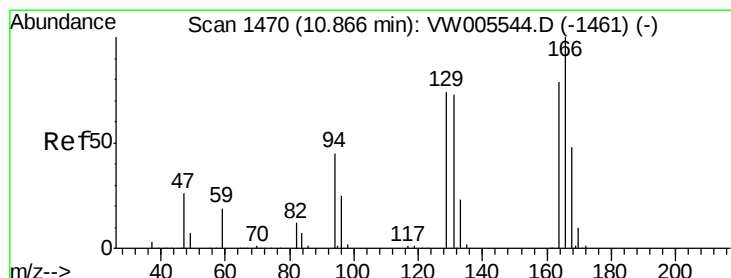
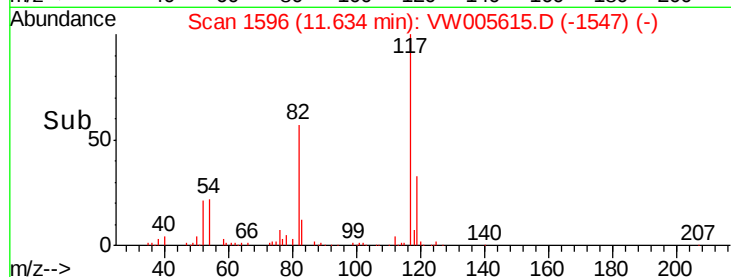
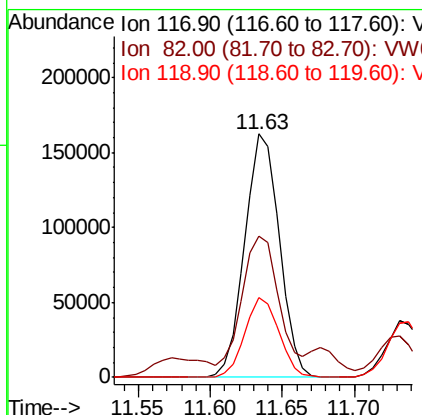
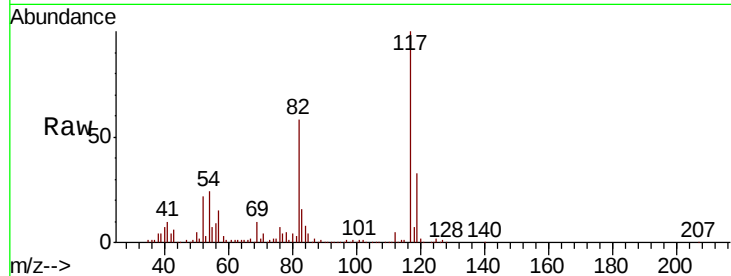




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

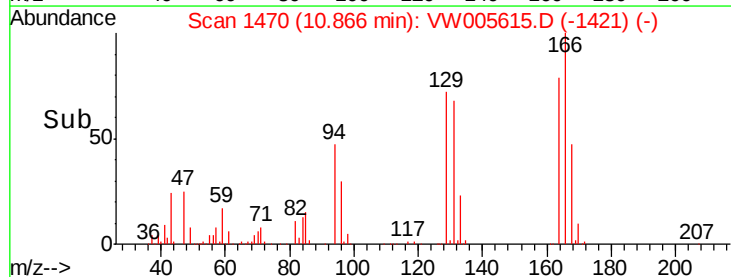
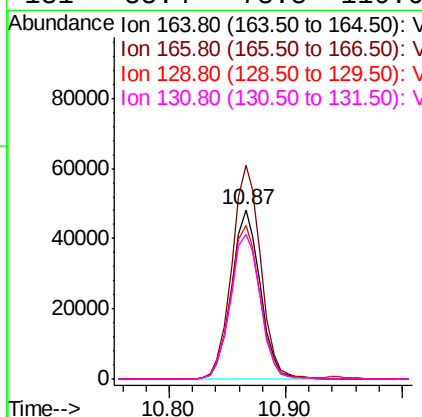
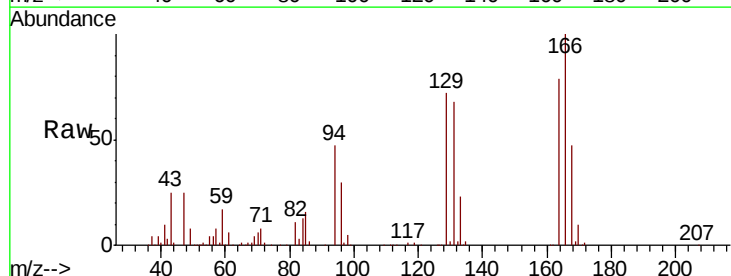
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

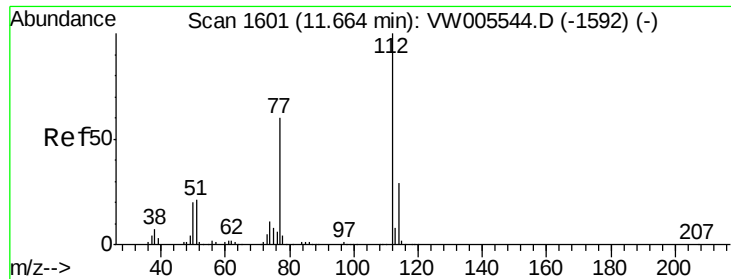
Tgt Ion:117 Resp: 271180
Ion Ratio Lower Upper
117 100
82 51.7 46.9 70.3
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 43.045 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion:164 Resp: 82848
Ion Ratio Lower Upper
164 100
166 126.2 101.1 151.7
129 90.5 74.4 111.6
131 85.4 73.8 110.6

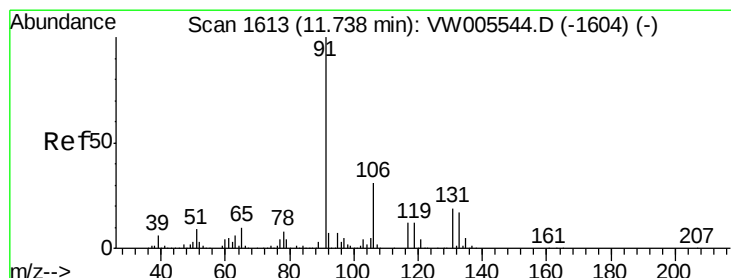
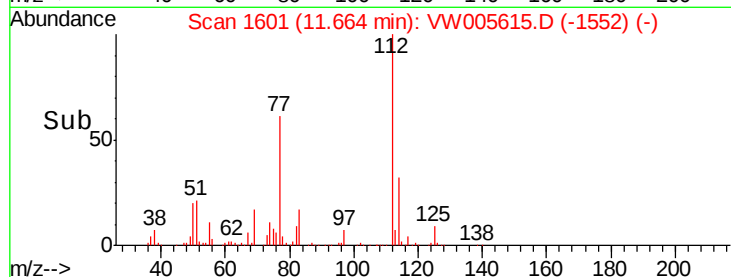
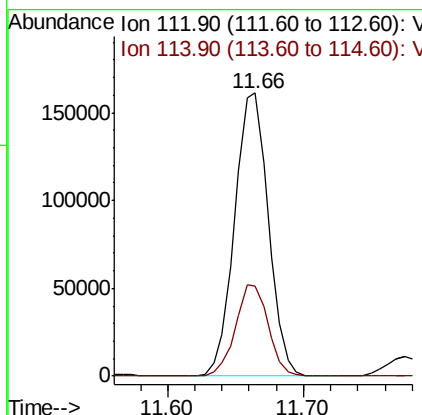
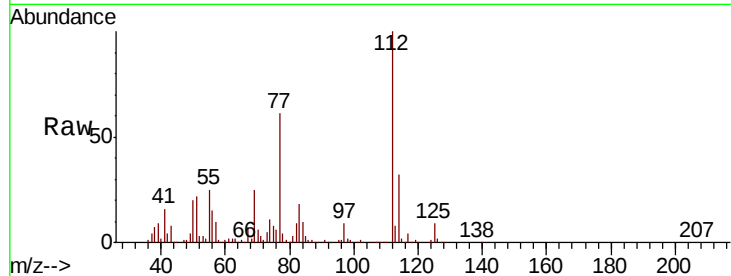




#65
Chlorobenzene
Concen: 48.358 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

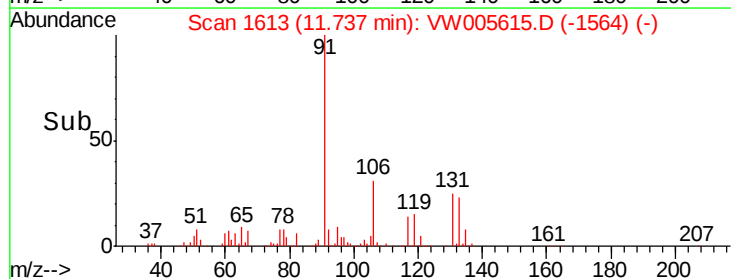
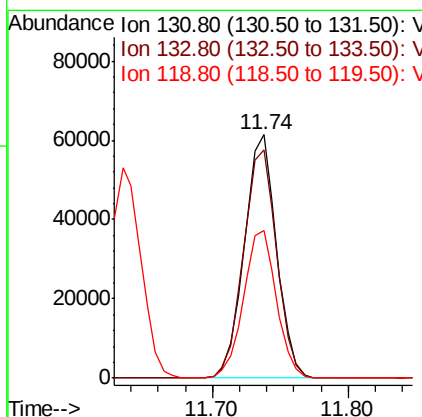
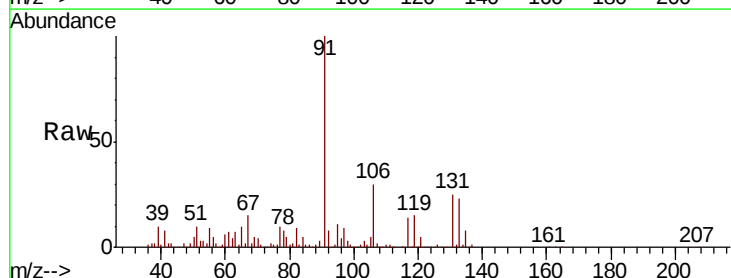
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

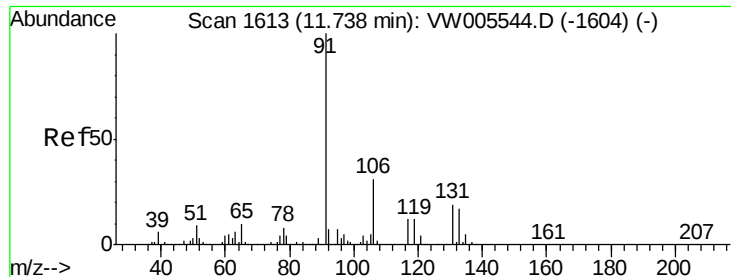
Tgt Ion:112 Resp: 278391
Ion Ratio Lower Upper
112 100
114 32.0 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.062 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion:131 Resp: 101654
Ion Ratio Lower Upper
131 100
133 97.0 47.2 141.6
119 62.1 31.1 93.2

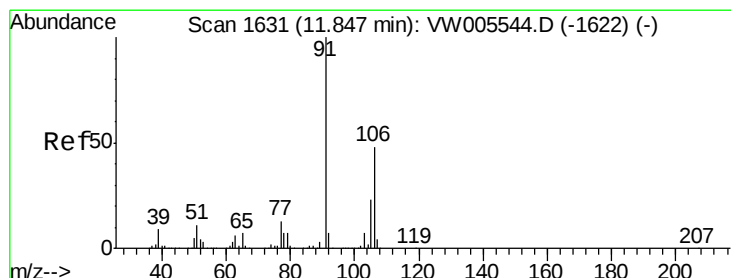
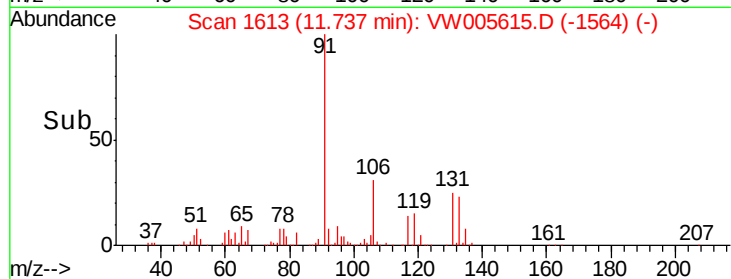
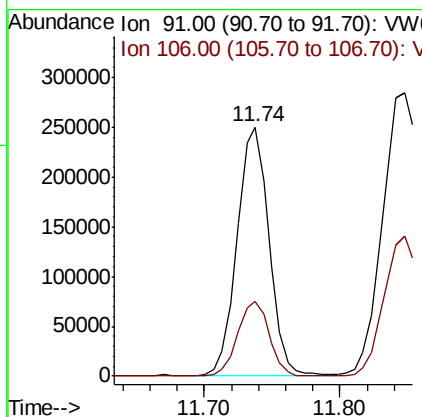
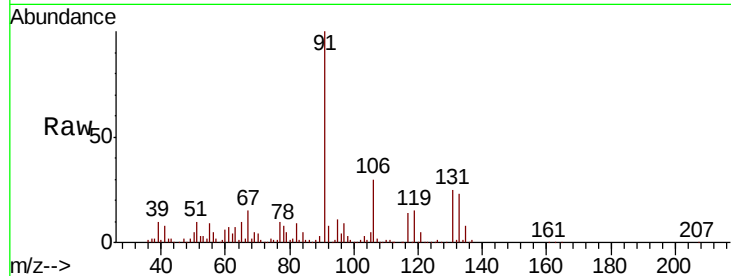




#67
Ethyl Benzene
Concen: 39.865 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

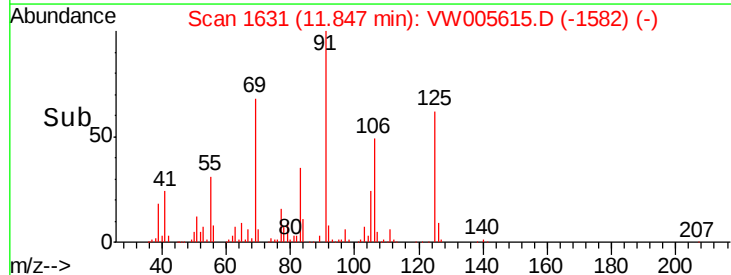
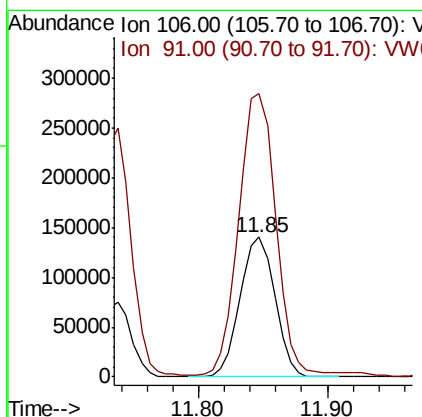
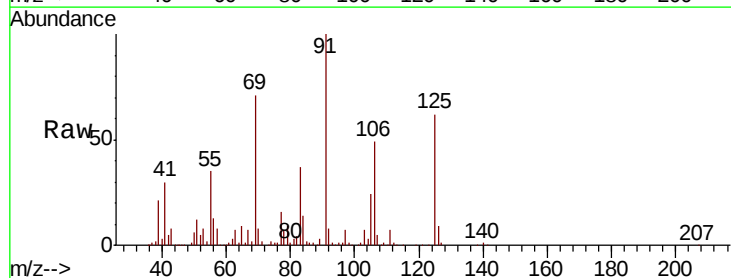
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

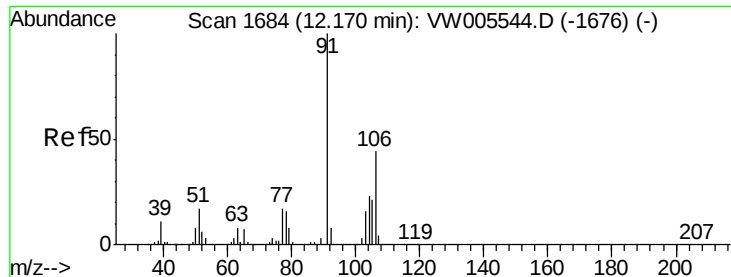
Tgt Ion: 91 Resp: 407353
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 68.215 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion: 106 Resp: 263346
Ion Ratio Lower Upper
106 100
91 213.4 167.8 251.8

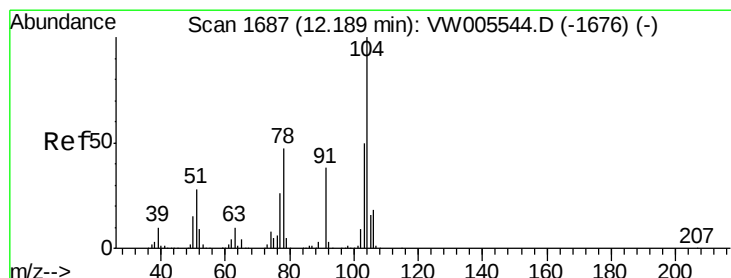
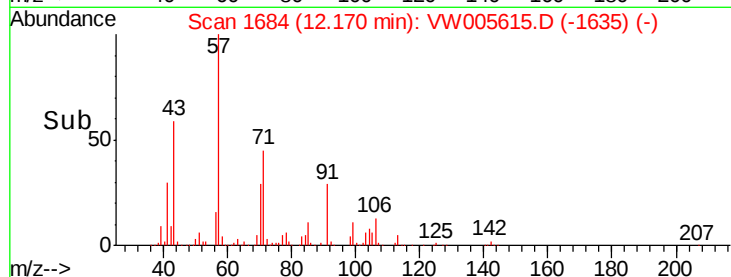
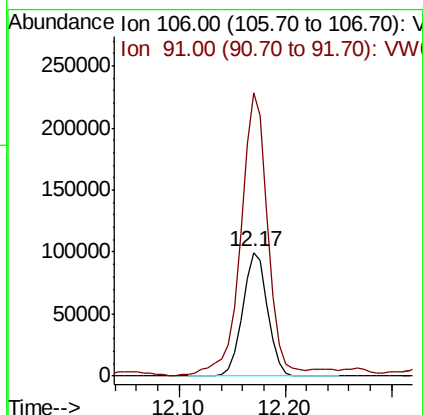
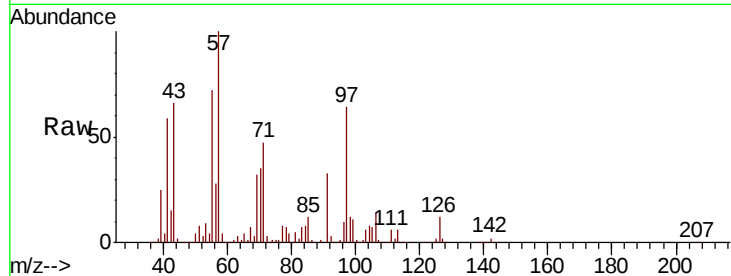




#69
o-Xylene
Concen: 44.977 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

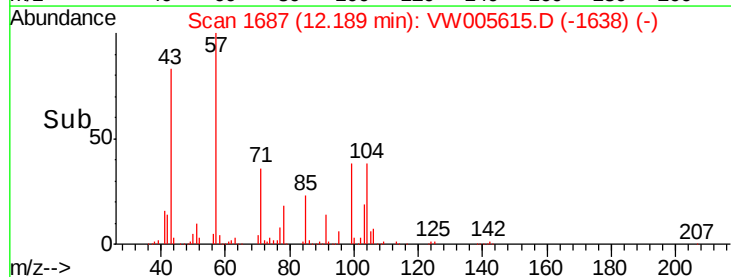
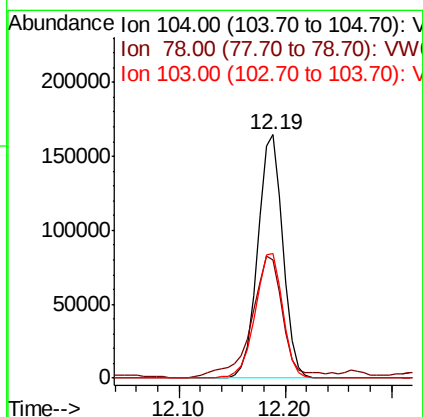
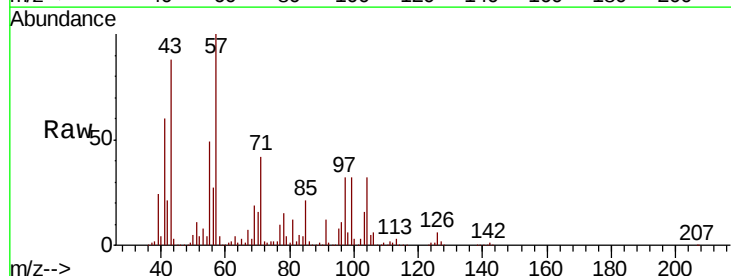
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

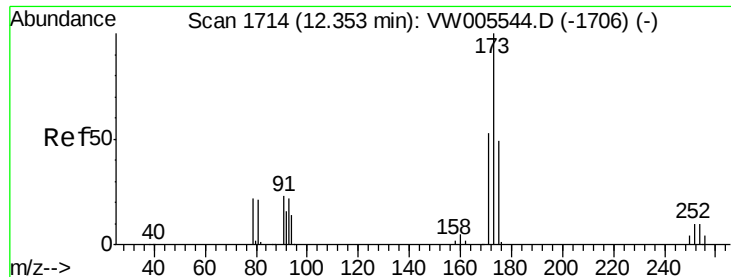
Tgt Ion:106 Resp: 162616
Ion Ratio Lower Upper
106 100
91 246.2 111.0 333.0



#70
Styrene
Concen: 44.613 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion:104 Resp: 271449
Ion Ratio Lower Upper
104 100
78 63.0 42.2 63.4
103 56.5 44.6 66.8





#71

Bromoform

Concen: 46.550 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

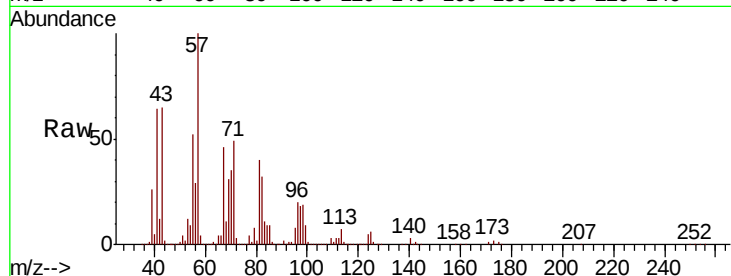
Tgt Ion:173 Resp: 51196

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

254 0.0 0.1 0.1#

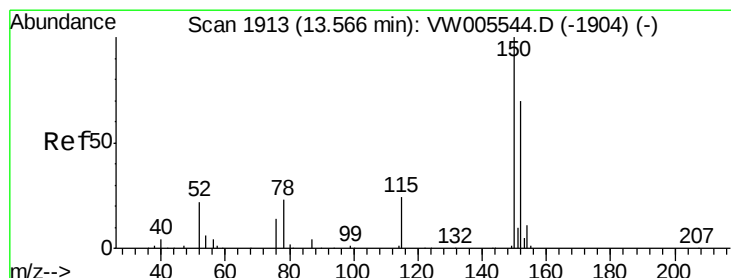
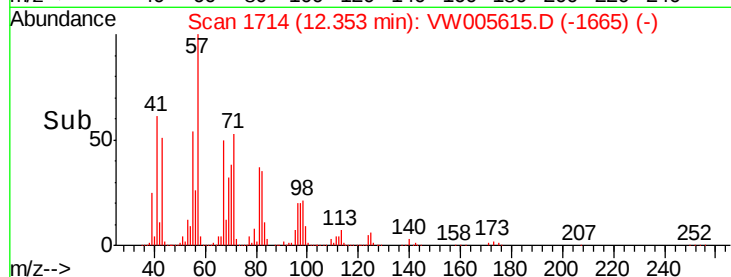
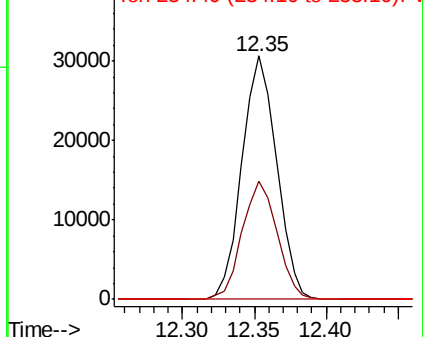


Abundance

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# 1913

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

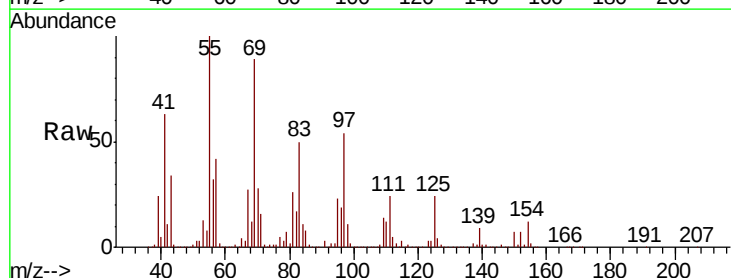
Tgt Ion:152 Resp: 344150

Ion Ratio Lower Upper

152 100

115 19.6 30.0 90.0#

150 55.7 0.0 348.6

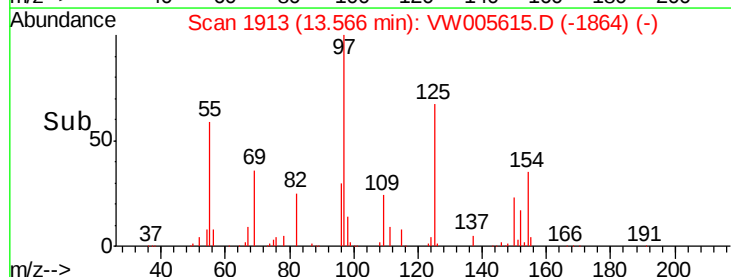
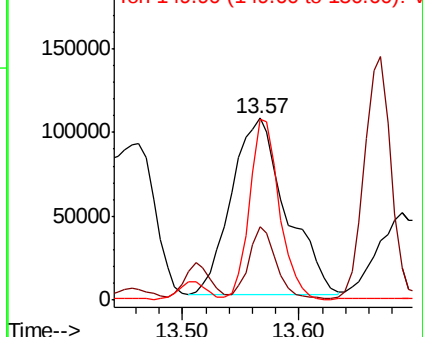


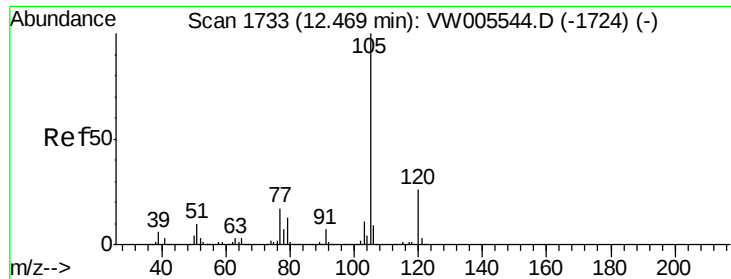
Abundance

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: 11.491 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

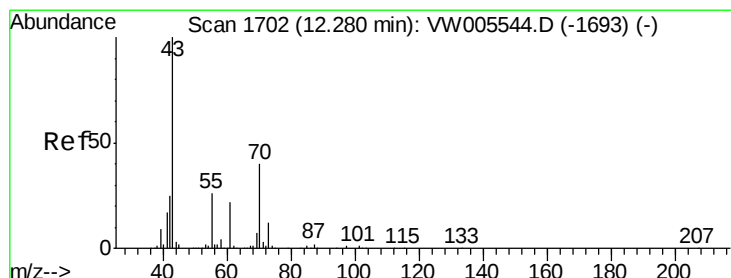
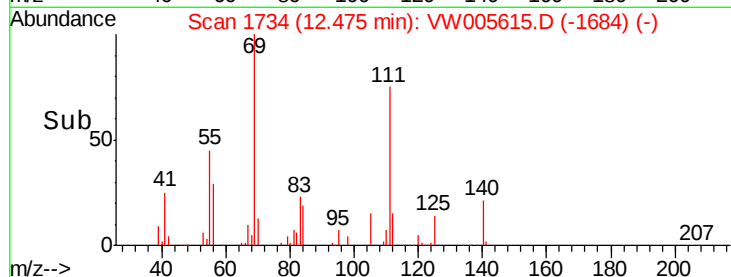
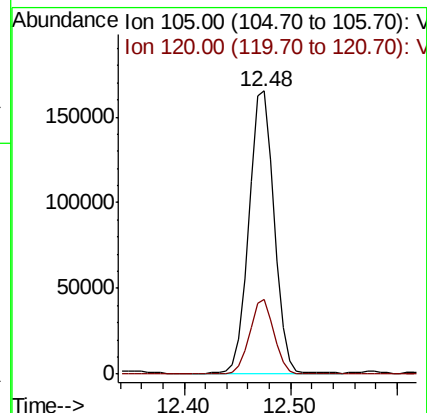
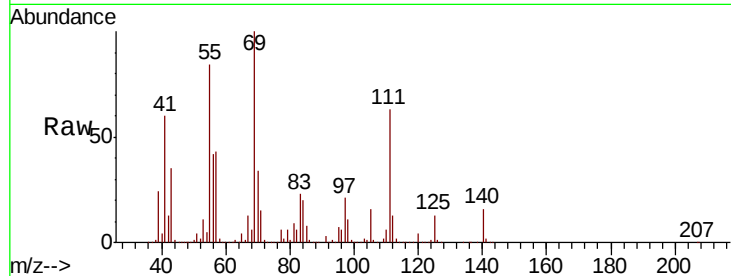
EP1-Q1-G3MS

Tgt Ion:105 Resp: 274248

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.7



#74

N-ethyl acetate

Concen: 972.211 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Tgt Ion: 43 Resp: 5253987

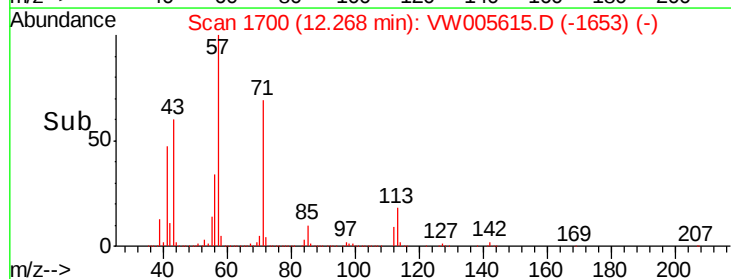
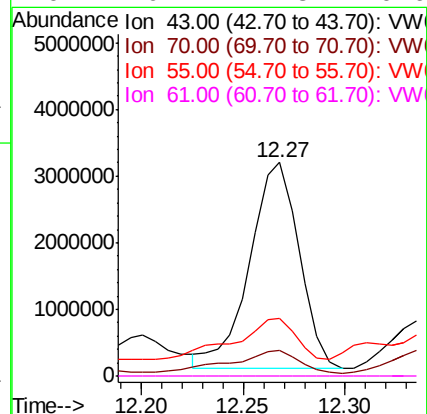
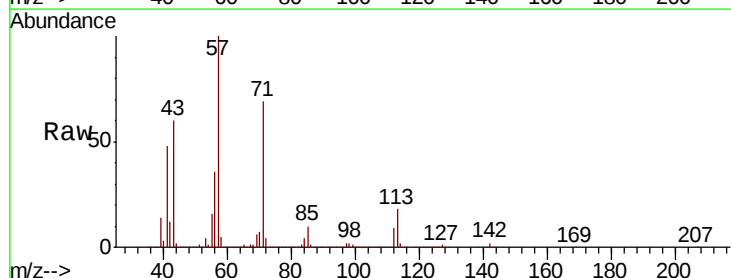
Ion Ratio Lower Upper

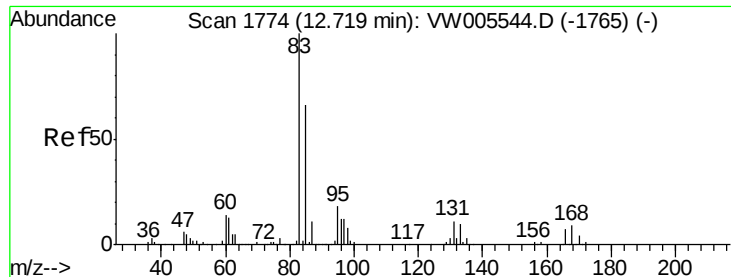
43 100

70 15.3 31.4 47.0#

55 23.2 20.9 31.3

61 0.2 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 156.752 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

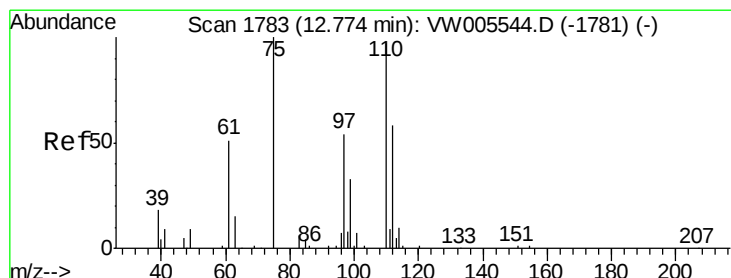
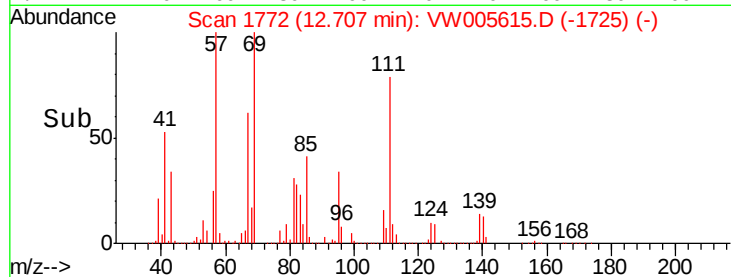
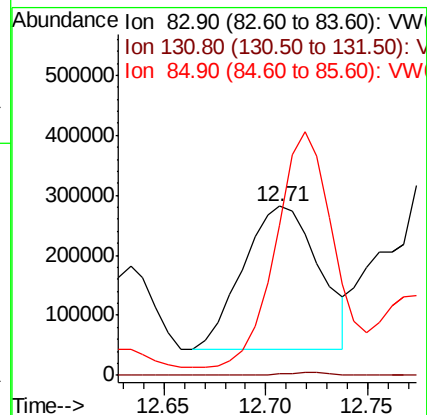
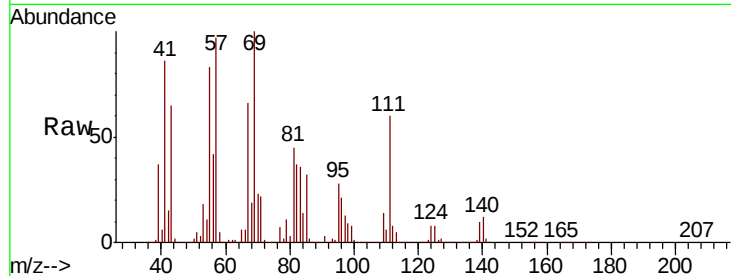
Tgt Ion: 83 Resp: 621393

Ion Ratio Lower Upper

83 100

131 1.4 5.5 16.7#

85 124.8 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 39.399 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005615.D

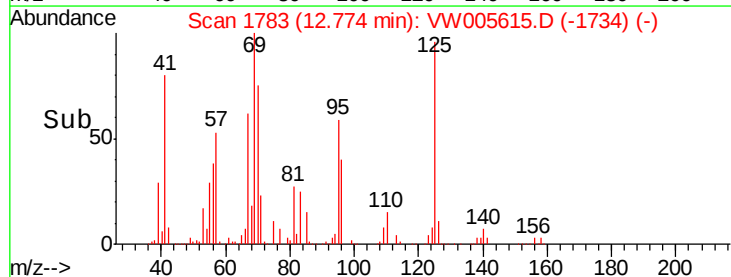
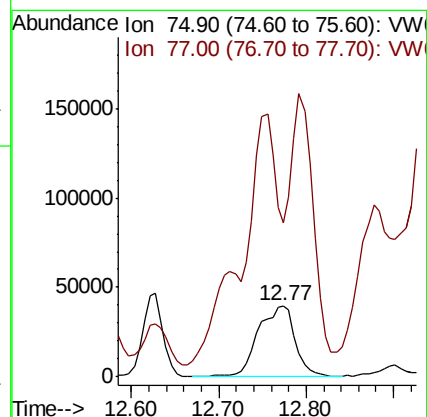
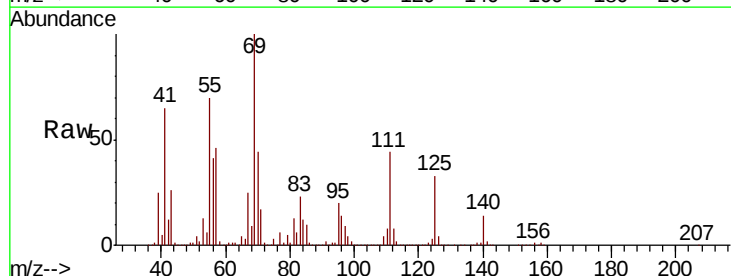
Acq: 25 Sep 2018 17:01

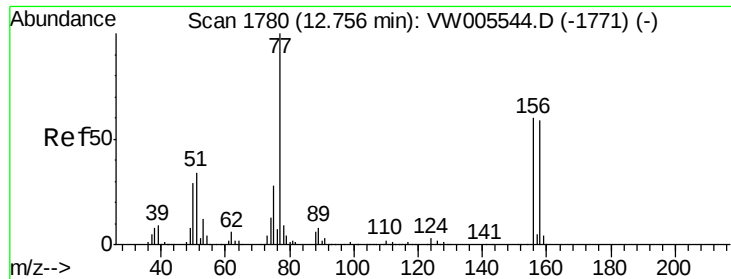
Tgt Ion: 75 Resp: 115582

Ion Ratio Lower Upper

75 100

77 161.6 0.0 0.0#





#77

Bromobenzene

Concen: 20.518 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

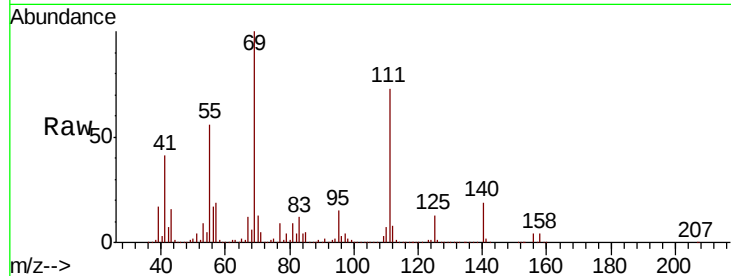
Tgt Ion:156 Resp: 114771

Ion Ratio Lower Upper

156 100

77 162.7 94.7 284.1

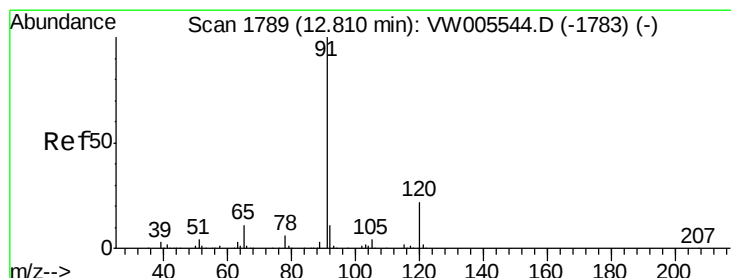
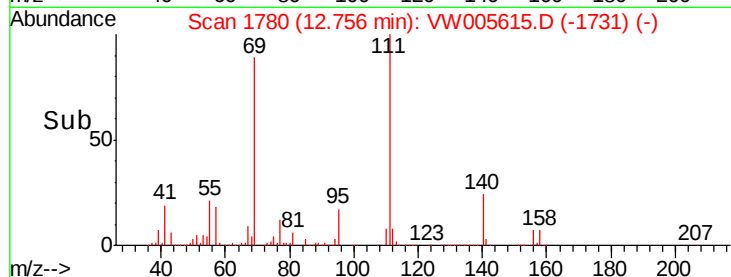
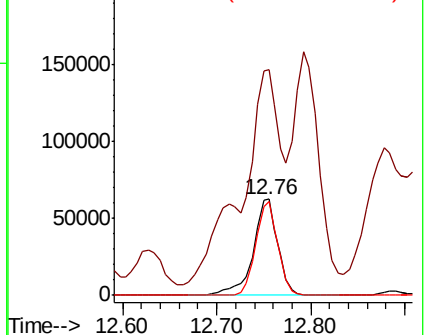
158 87.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 11.623 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005615.D

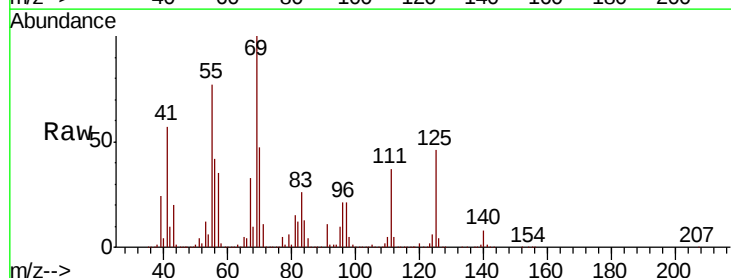
Acq: 25 Sep 2018 17:01

Tgt Ion: 91 Resp: 335835

Ion Ratio Lower Upper

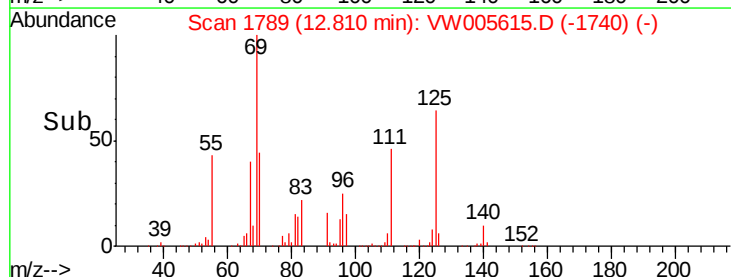
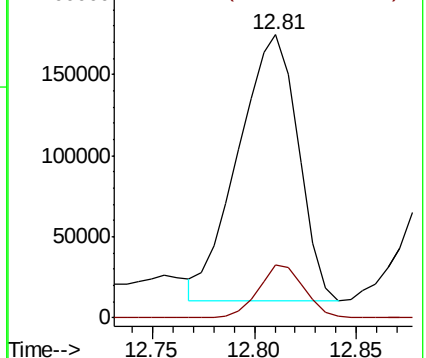
91 100

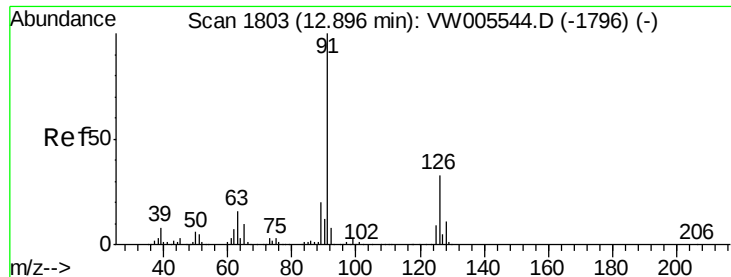
120 15.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.010 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

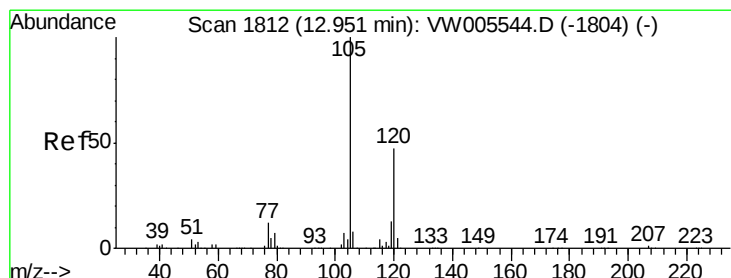
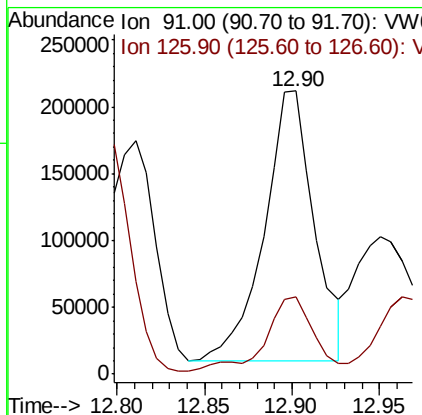
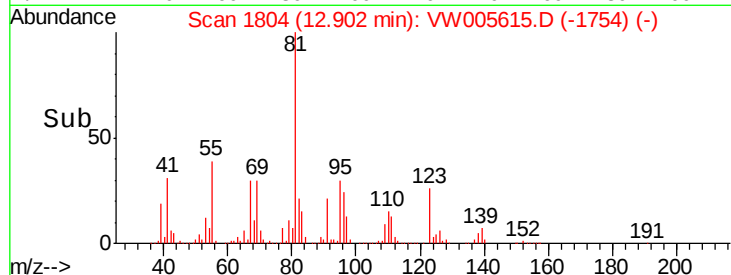
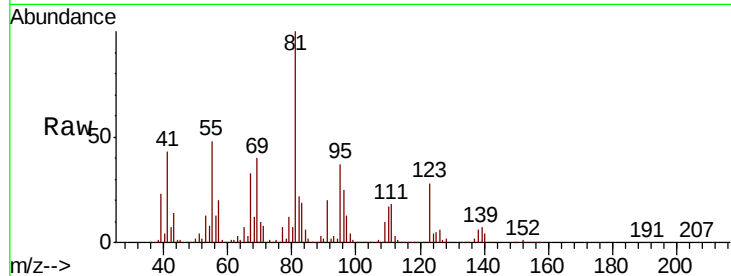
EP1-Q1-G3MS

Tgt Ion: 91 Resp: 401378

Ion Ratio Lower Upper

91 100

126 26.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 17.362 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VW005615.D

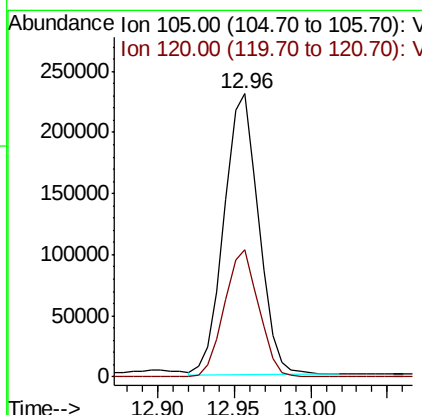
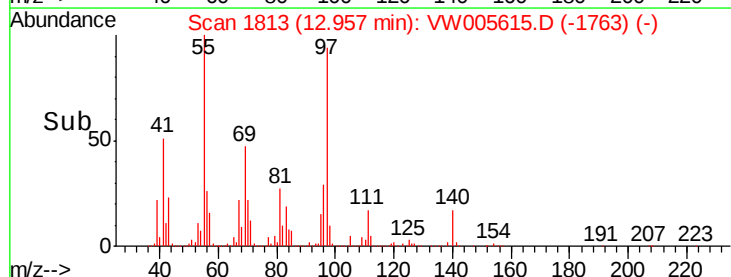
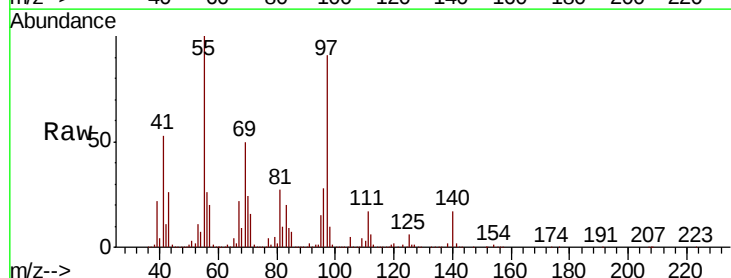
Acq: 25 Sep 2018 17:01

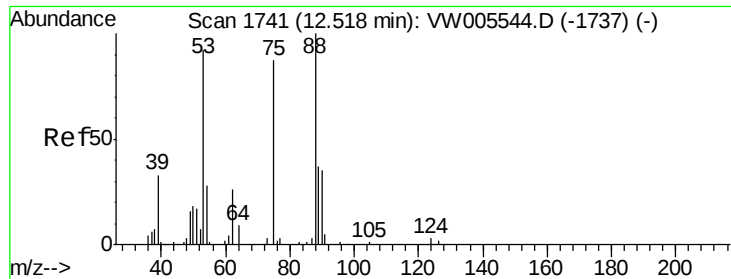
Tgt Ion:105 Resp: 360299

Ion Ratio Lower Upper

105 100

120 45.0 23.6 70.8

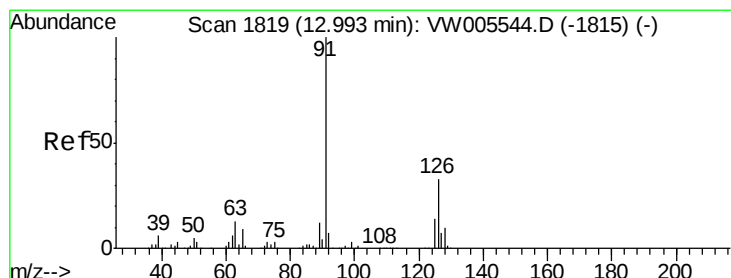
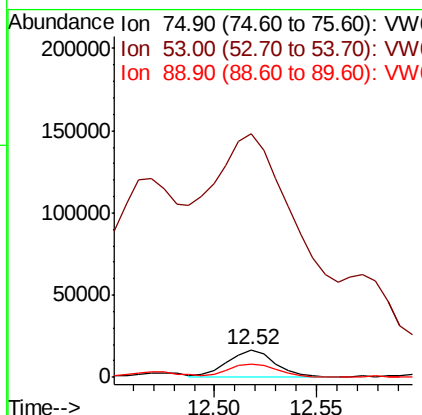
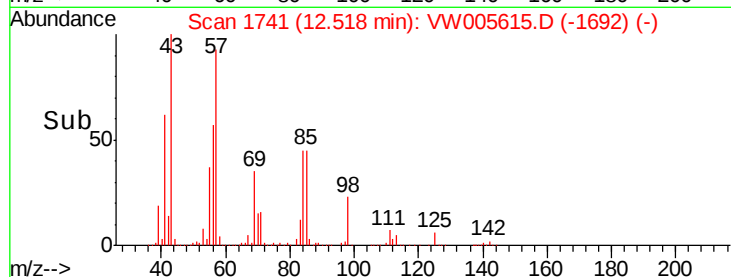
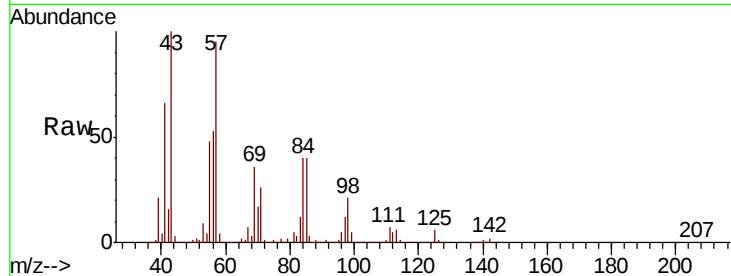




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.242 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

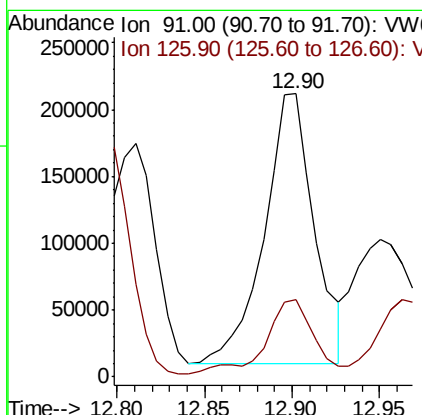
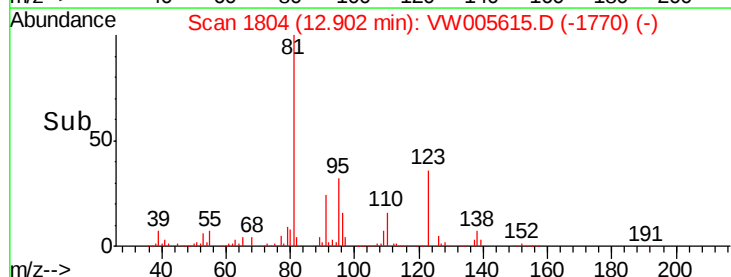
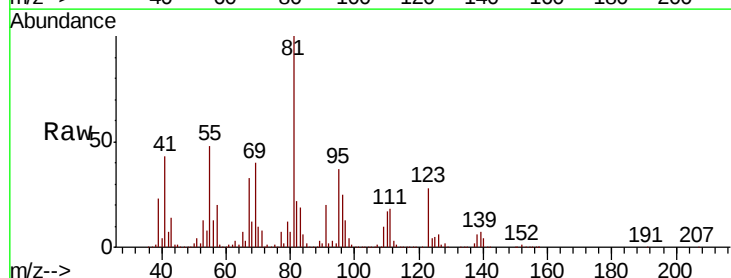
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

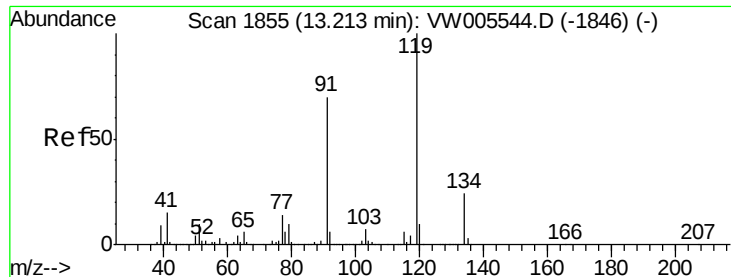
Tgt Ion: 75 Resp: 25063
 Ion Ratio Lower Upper
 75 100
 53 790.8 85.8 128.6#
 89 47.6 37.3 55.9



#82
 4-Chlorotoluene
 Concen: 22.725 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. -0.09 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion: 91 Resp: 401378
 Ion Ratio Lower Upper
 91 100
 126 26.6 16.4 49.4

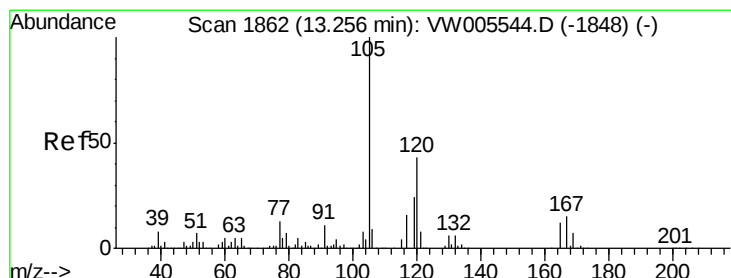
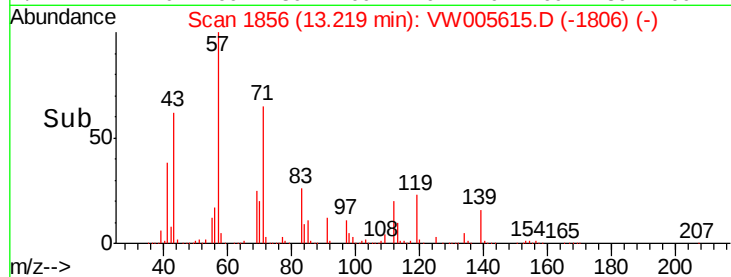
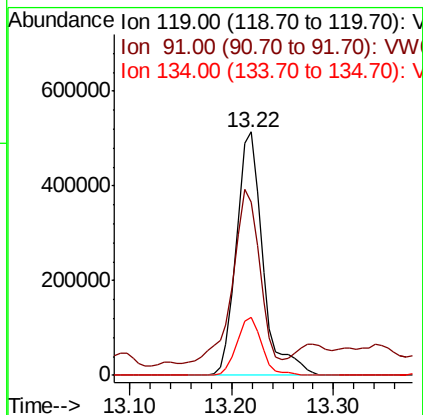
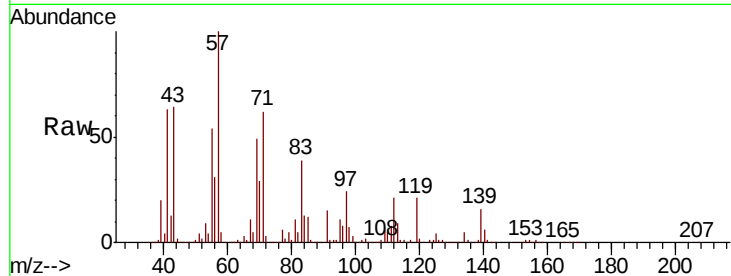




#83
 tert-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.22 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

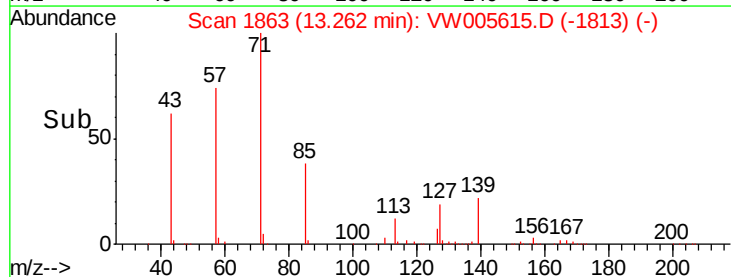
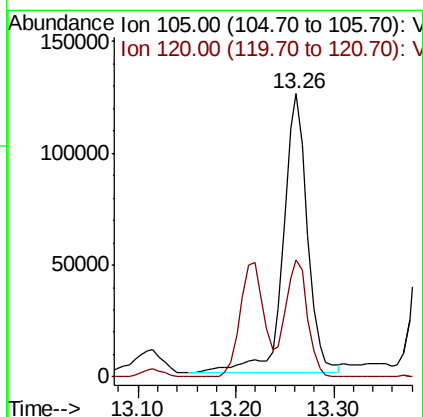
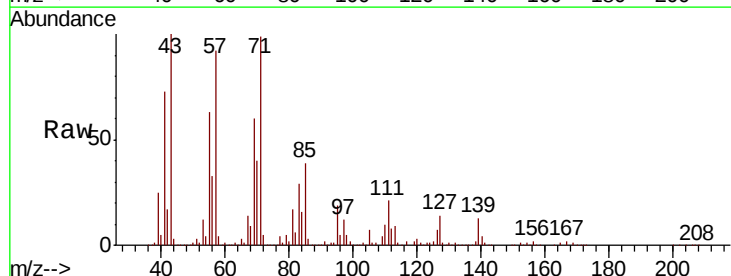
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

Tgt Ion:119 Resp: 917938
 Ion Ratio Lower Upper
 119 100
 91 72.1 34.6 103.8
 134 22.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 10.337 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion:105 Resp: 216469
 Ion Ratio Lower Upper
 105 100
 120 38.3 21.5 64.5





#85

sec-Butylbenzene

Concen: 6.704 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

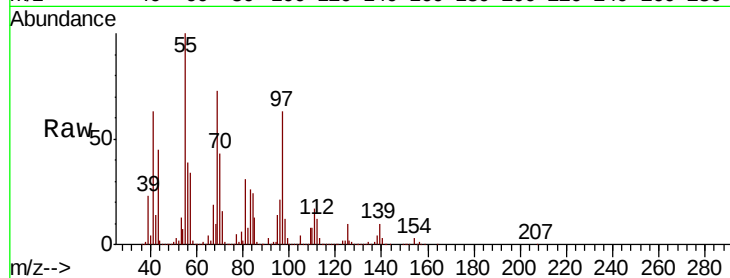
EP1-Q1-G3MS

Tgt Ion:105 Resp: 169523

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

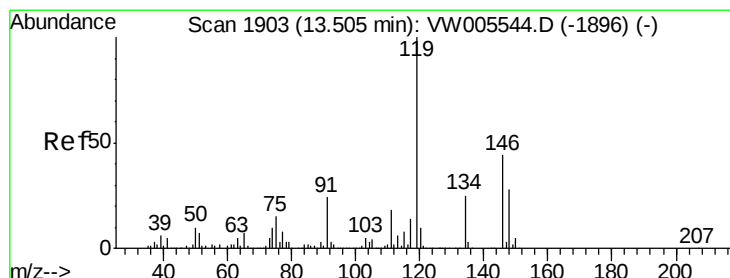
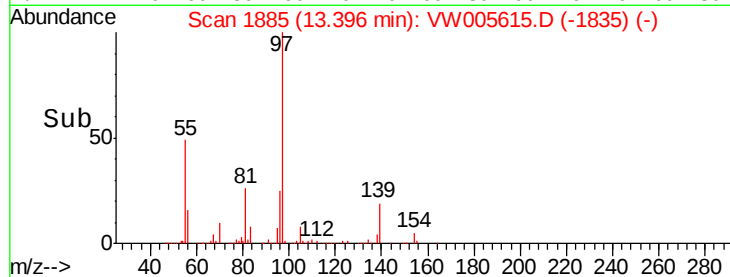
0

13.35

13.40

13.45

Time-->



#86

p-Isopropyltoluene

Concen: 17.599 ug/l

RT: 13.51 min Scan# 1904

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

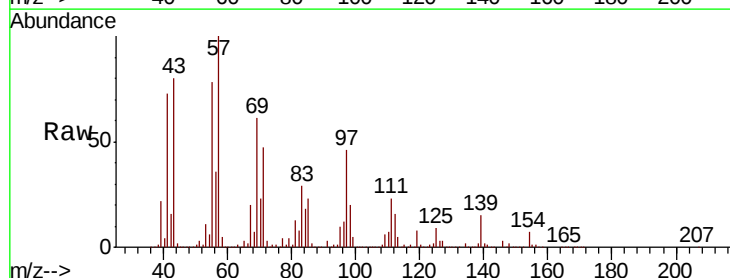
Tgt Ion:119 Resp: 398865

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 30.7 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

300000

200000

100000

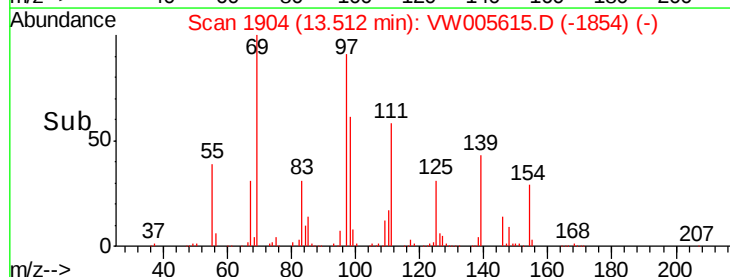
0

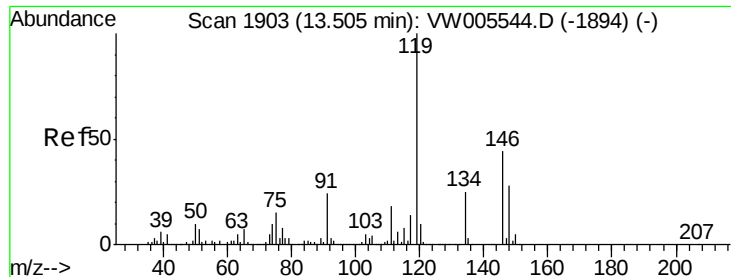
13.45

13.51

13.55

Time-->

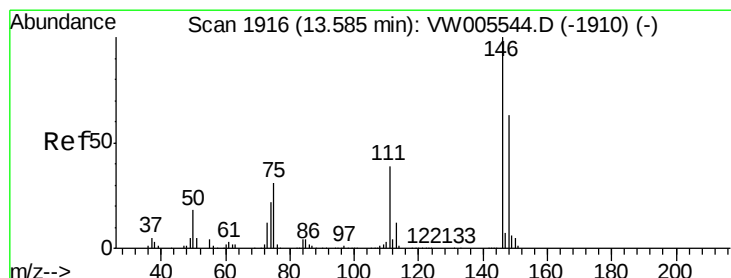
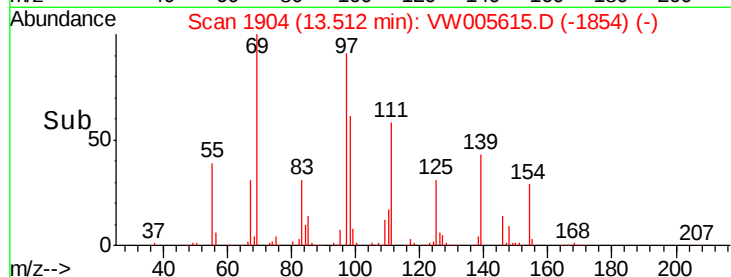
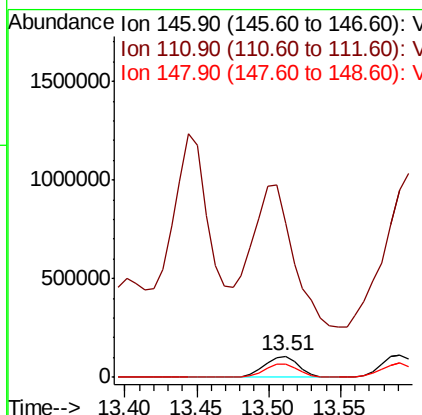
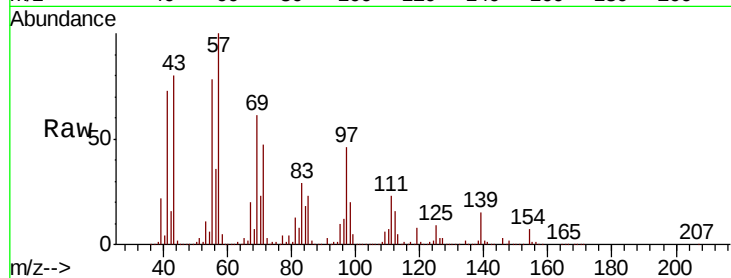




#87
 1,3-Dichlorobenzene
 Concen: 15.273 ug/l
 RT: 13.51 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

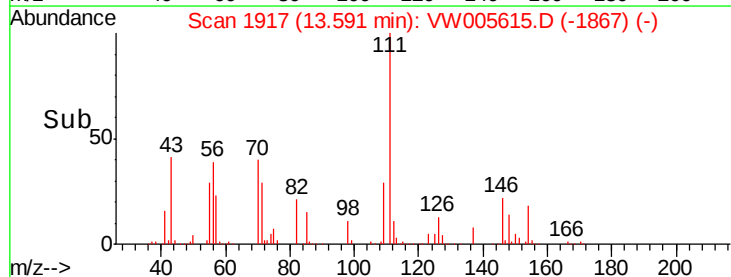
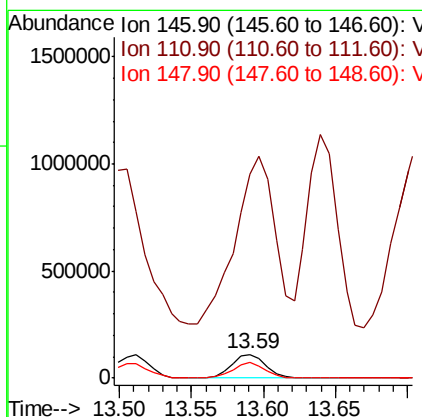
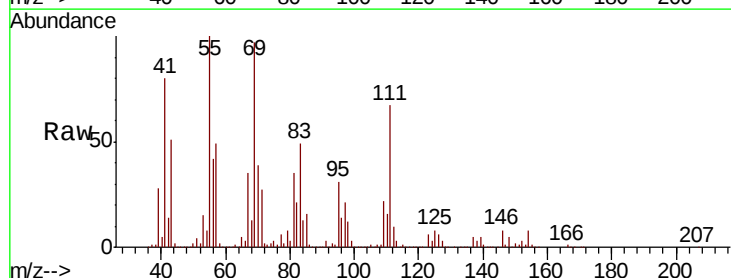
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

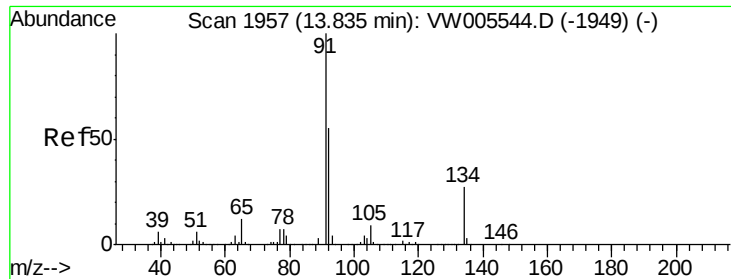
Tgt Ion:146 Resp: 174692
 Ion Ratio Lower Upper
 146 100
 111 812.6 20.3 60.9#
 148 64.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 15.923 ug/l
 RT: 13.59 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion:146 Resp: 181132
 Ion Ratio Lower Upper
 146 100
 111 815.5 19.9 59.7#
 148 63.4 32.1 96.3





#89

n-Butylbenzene

Concen: 6.931 ug/l

RT: 13.80 min Scan# 1952

Delta R.T. -0.03 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

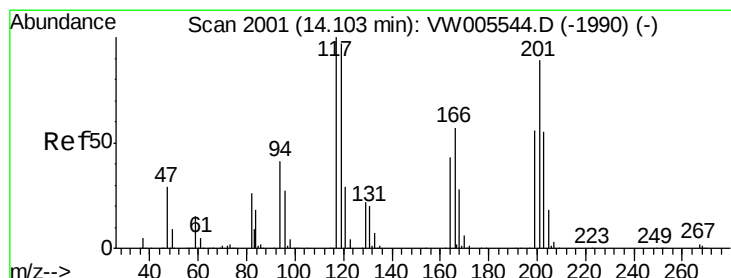
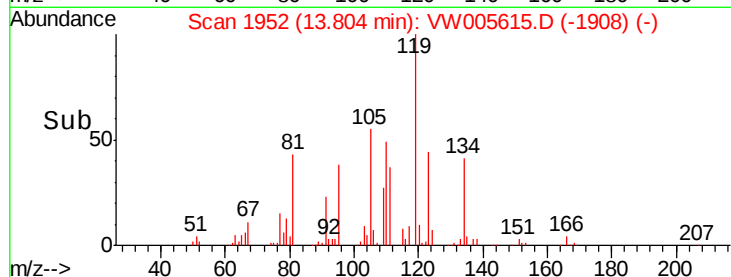
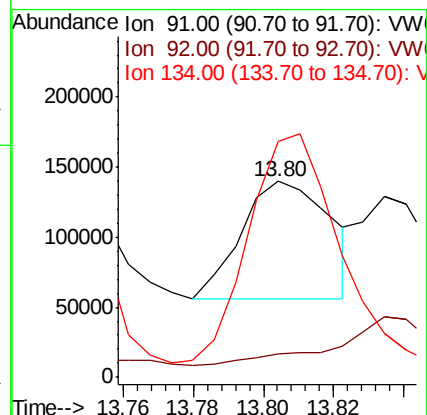
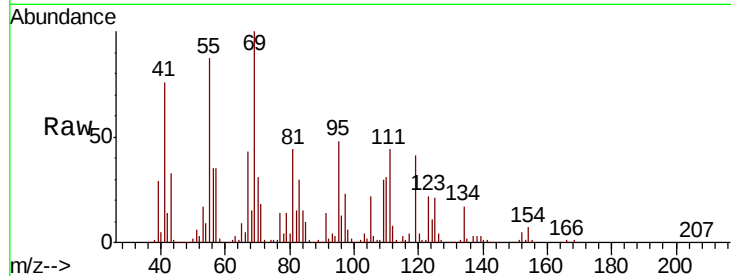
Tgt Ion: 91 Resp: 148175

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.5#

134 223.4 12.9 38.7#



#90

Hexachloroethane

Concen: 261.340 ug/l

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: VW005615.D

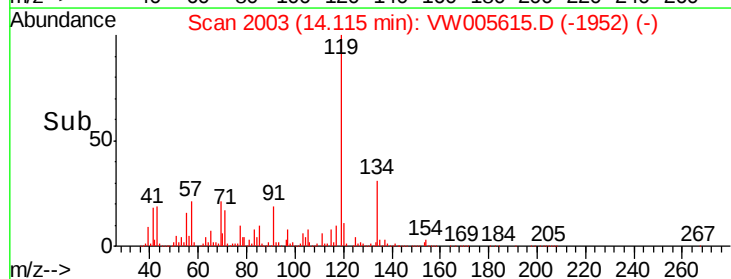
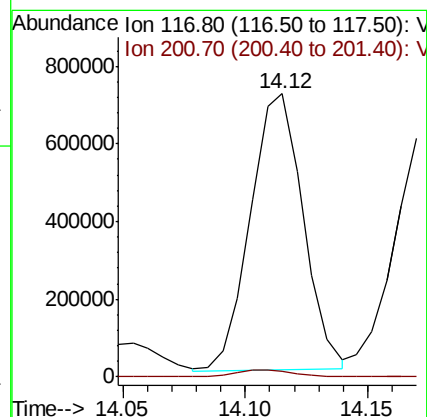
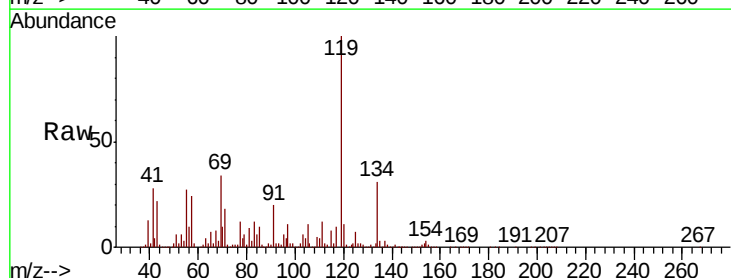
Acq: 25 Sep 2018 17:01

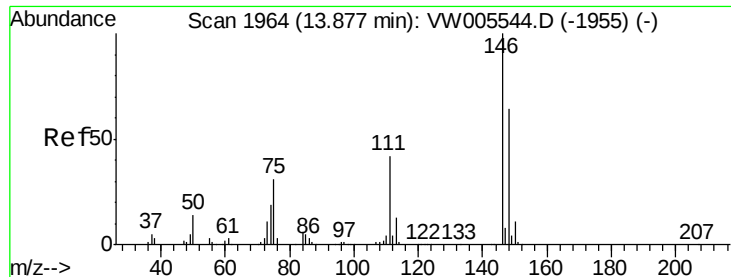
Tgt Ion: 117 Resp: 1073544

Ion Ratio Lower Upper

117 100

201 3.0 42.8 128.3#





#91

1,2-Dichlorobenzene

Concen: 16.209 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3MS

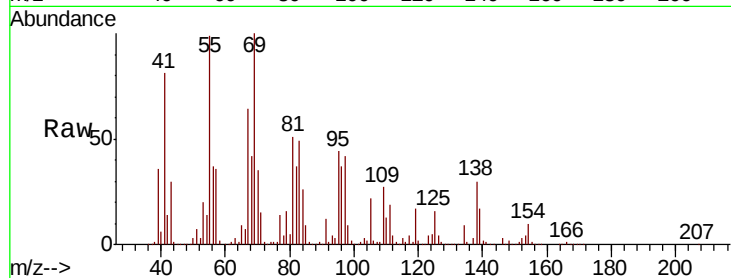
Tgt Ion:146 Resp: 163664

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.9#

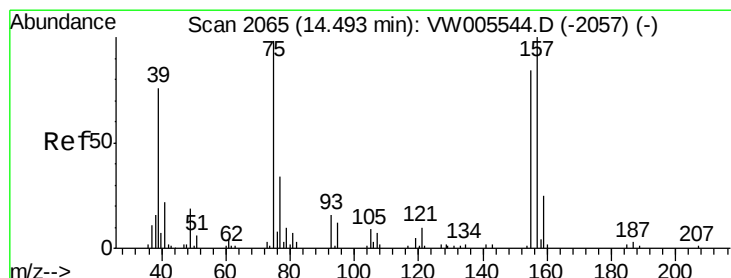
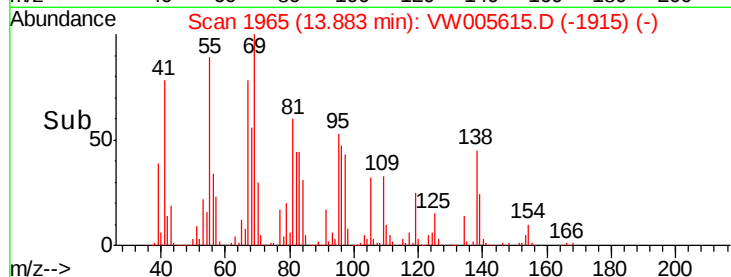
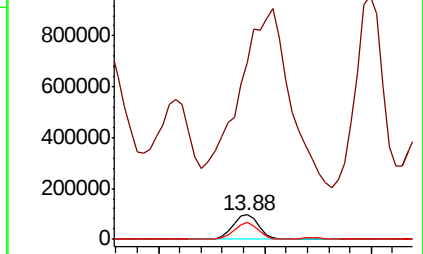
148 65.1 32.0 96.2



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: 45.352 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005615.D

Acq: 25 Sep 2018 17:01

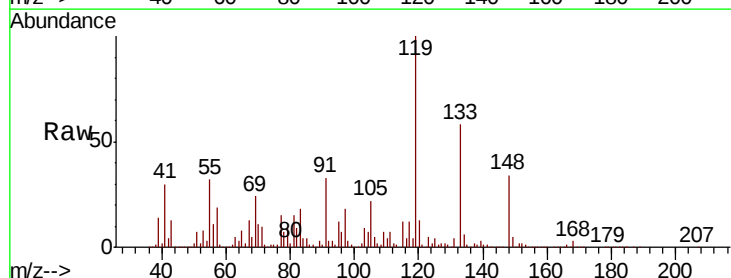
Tgt Ion: 75 Resp: 34253

Ion Ratio Lower Upper

75 100

155 29.8 39.1 117.5#

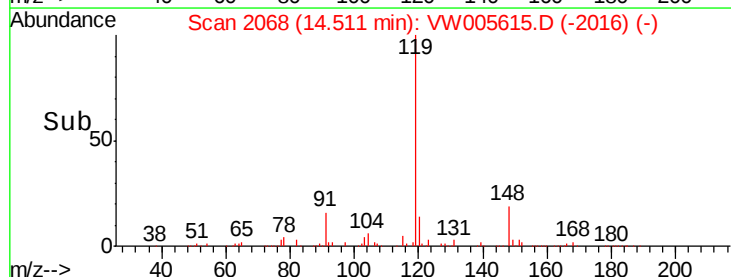
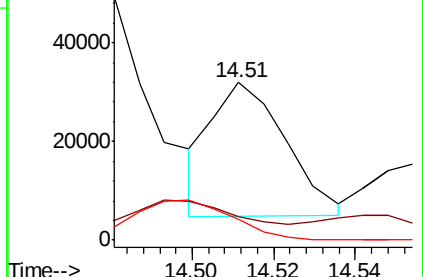
157 41.1 50.8 152.4#

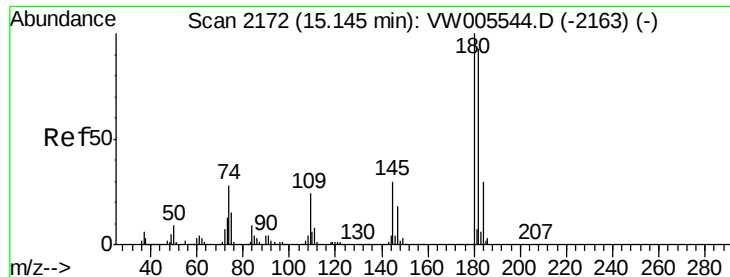


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

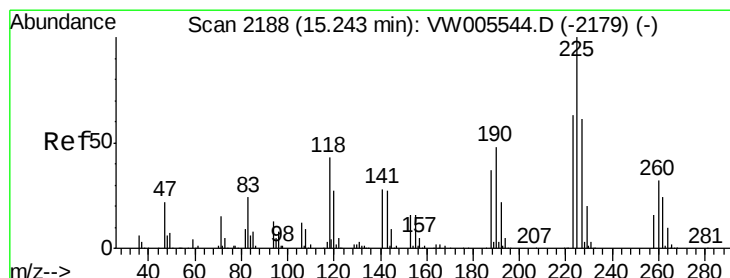
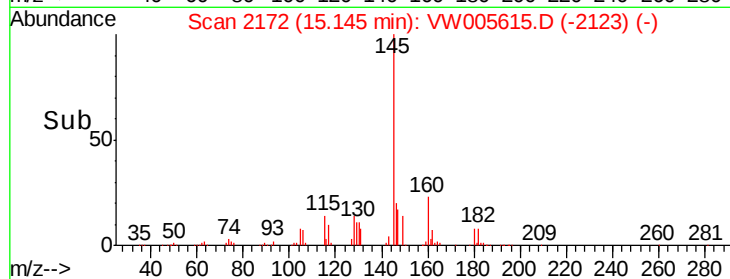
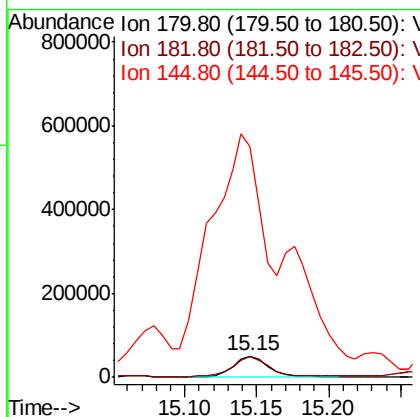
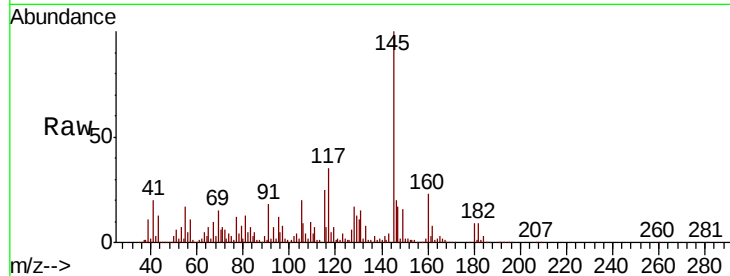




#93
 1,2,4-Trichlorobenzene
 Concen: 11.273 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

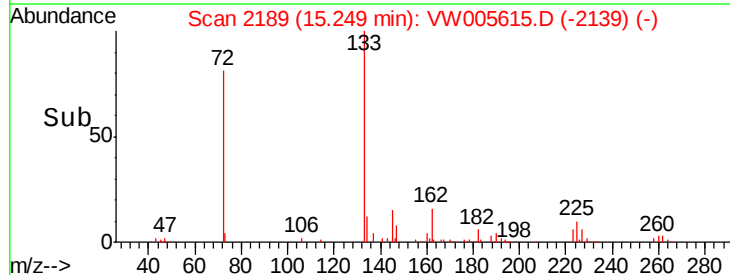
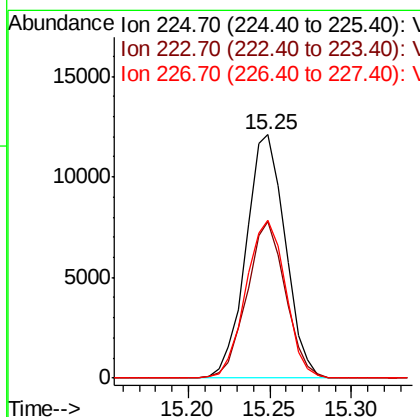
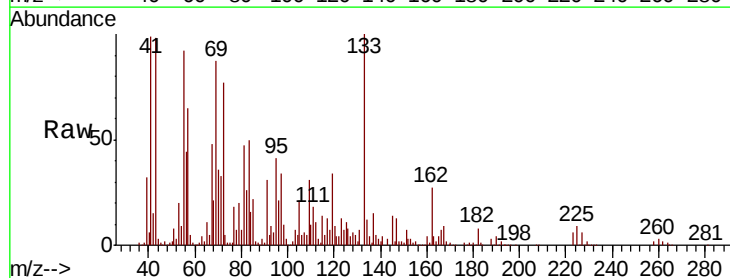
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3MS

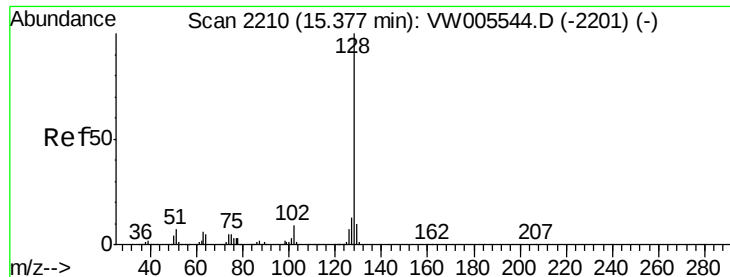
Tgt Ion:180 Resp: 81195
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.7 143.1
 145 1531.4 15.0 45.1#



#94
 Hexachlorobutadiene
 Concen: 4.343 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005615.D
 Acq: 25 Sep 2018 17:01

Tgt Ion:225 Resp: 20265
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.3
 227 65.5 31.8 95.3

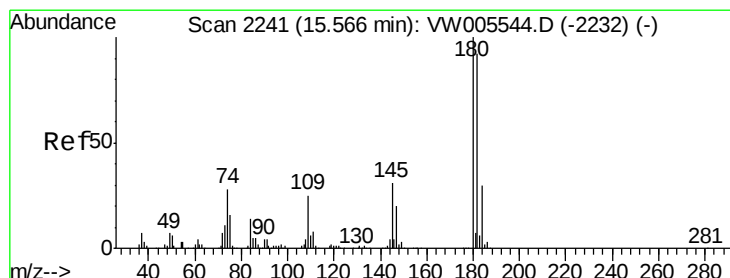
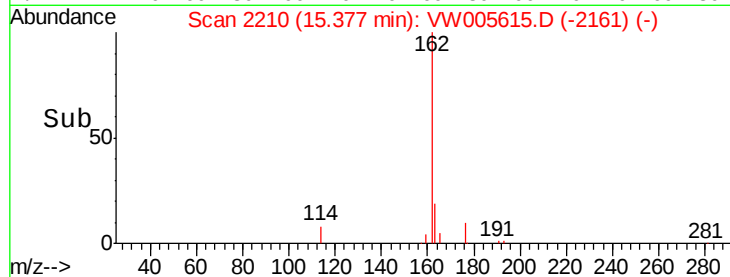
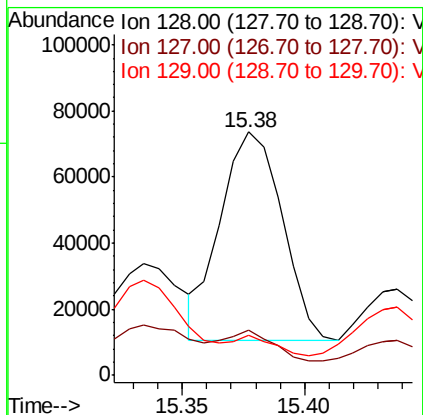
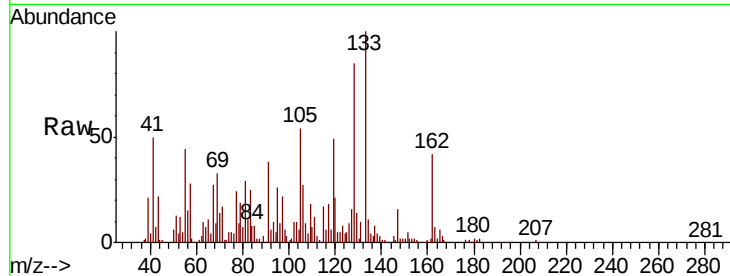




#95
Naphthalene
Concen: 9.069 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3MS

Tgt Ion:128 Resp: 109877
Ion Ratio Lower Upper
128 100
127 10.0 10.9 16.3#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 11.535 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005615.D
Acq: 25 Sep 2018 17:01

Tgt Ion:180 Resp: 73217
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 562.7 16.0 47.9#

