

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005661.D
 Acq On : 26 Sep 2018 18:58
 Operator : VA/AP
 Sample : J5066-06MSD
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Quant Time: Sep 27 06:55:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147074	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	
35) Dibromofluoromethane	7.88	113	121195	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	
50) Toluene-d8	10.33	98	450357	38.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.26%	
62) 4-Bromofluorobenzene	12.62	95	491216	113.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	227.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	89114	51.514	ug/l	97
3) Chloromethane	2.21	50	102740	44.349	ug/l	97
4) Vinyl Chloride	2.37	62	142865	51.593	ug/l	99
5) Bromomethane	2.78	94	88512	47.299	ug/l	98
6) Chloroethane	2.92	64	85624	48.189	ug/l	96
7) Trichlorofluoromethane	3.25	101	81553	37.655	ug/l	99
8) Diethyl Ether	3.68	74	75585	53.427	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109895	40.085	ug/l	100
10) Methyl Iodide	4.27	142	202589	48.051	ug/l	97
11) Tert butyl alcohol	5.19	59	49189	280.904	ug/l	98
12) 1,1-Dichloroethene	4.04	96	133645	50.919	ug/l	99
13) Acrolein	3.88	56	722	Below Cal	#	13
14) Allyl chloride	4.66	41	225727	49.280	ug/l	97
15) Acrylonitrile	5.37	53	172829	275.146	ug/l	99
16) Acetone	4.13	43	158559	298.927	ug/l	97
17) Carbon Disulfide	4.38	76	396643	48.368	ug/l	99
18) Methyl Acetate	4.67	43	317525	197.331	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	158946	39.235	ug/l	98
20) Methylene Chloride	4.91	84	141019	49.537	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	139990	48.697	ug/l	96
22) Diisopropyl ether	6.31	45	357660	40.223	ug/l	98
23) Vinyl Acetate	6.26	43	368888	72.582	ug/l	100
24) 1,1-Dichloroethane	6.21	63	259701	47.272	ug/l	100
25) 2-Butanone	7.18	43	234408	284.279	ug/l	99
26) 2,2-Dichloropropane	7.16	77	132078	34.437	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	154528	48.736	ug/l	97
28) Bromochloromethane	7.51	49	94093	43.238	ug/l	99
29) Tetrahydrofuran	7.53	42	168916	327.905	ug/l	99
30) Chloroform	7.68	83	267210	47.112	ug/l	99
31) Cyclohexane	7.96	56	171523	32.588	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	195567	39.032	ug/l	98
36) 1,1-Dichloropropene	8.09	75	197633	43.125	ug/l	99
37) Ethyl Acetate	7.26	43	84856	44.000	ug/l	100
38) Carbon Tetrachloride	8.07	117	191094	38.912	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123746	22.887	ug/l	98
40) Benzene	8.33	78	584000	44.976	ug/l	99
41) Methacrylonitrile	7.49	41	64433	58.711	ug/l	96
42) 1,2-Dichloroethane	8.40	62	192486	46.301	ug/l	98
43) Isopropyl Acetate	8.43	43	188699	49.766	ug/l	100
44) Trichloroethene	9.10	130	147812	44.473	ug/l	99
45) 1,2-Dichloropropane	9.37	63	147380	46.136	ug/l	99
46) Dibromomethane	9.46	93	79091	49.552	ug/l	98
47) Bromodichloromethane	9.65	83	190935	44.531	ug/l	100
48) Methyl methacrylate	9.44	41	116992	64.961	ug/l	94
49) 1,4-Dioxane	9.46	88	25837	1018.147	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	559948	293.205	ug/l	99
52) Toluene	10.39	92	343991	42.458	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	209857	48.823	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	229907	47.739	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	133866	59.084	ug/l	99
56) Ethyl methacrylate	10.65	69	166347	59.476	ug/l	95
57) 1,3-Dichloropropane	10.94	76	199567	49.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	332717	262.428	ug/l	99
59) 2-Hexanone	10.97	43	622080	479.503	ug/l	73
60) Dibromochloromethane	11.13	129	130800	47.780	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110760	52.432	ug/l	95
64) Tetrachloroethene	10.87	164	109379	38.758	ug/l	97
65) Chlorobenzene	11.66	112	373477	44.245	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	136925	45.070	ug/l	98
67) Ethyl Benzene	11.74	91	569232	37.992	ug/l	100
68) m/p-Xylenes	11.85	106	339574	59.989	ug/l	97
69) o-Xylene	12.17	106	216025	40.749	ug/l	90
70) Styrene	12.19	104	359655	40.313	ug/l	95
71) Bromoform	12.35	173	79766	49.464	ug/l	99
73) Isopropylbenzene	12.47	105	401823	15.616	ug/l	99
74) N-amyl acetate	12.26	43	5056941	867.891	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.71	83	687908	160.947	ug/l #	47
76) 1,2,3-Trichloropropane	12.77	75	189288	59.844	ug/l #	100
77) Bromobenzene	12.76	156	151385	25.101	ug/l	87
78) n-propylbenzene	12.81	91	464518	14.911	ug/l	90
79) 2-Chlorotoluene	12.90	91	476571	26.441	ug/l	92
80) 1,3,5-Trimethylbenzene	12.95	105	412677	18.444	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	45267	32.233	ug/l #	1
82) 4-Chlorotoluene	12.90	91	476571	25.025	ug/l	91
83) tert-Butylbenzene	13.21	119	963894	51.277	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	256686	11.368	ug/l	94
85) sec-Butylbenzene	13.40	105	251401	9.221	ug/l	99
86) p-Isopropyltoluene	13.51	119	299675	12.264	ug/l	93
87) 1,3-Dichlorobenzene	13.51	146	232326	18.839	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	242563	19.777	ug/l #	1
89) n-Butylbenzene	13.83	91	125115	5.428	ug/l #	67
90) Hexachloroethane	14.11	117	760805	171.777	ug/l #	13
91) 1,2-Dichlorobenzene	13.88	146	211052	19.387	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	34793	42.726	ug/l #	4

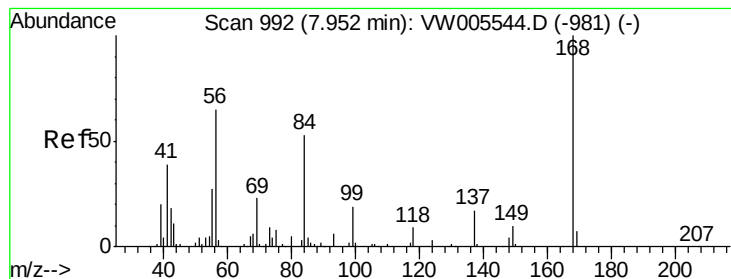
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	105031	13.525	ug/l #	1
94) Hexachlorobutadiene	15.24	225	28305	5.626	ug/l	99
95) Naphthalene	15.38	128	146443	11.211	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.57	180	97379	14.229	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

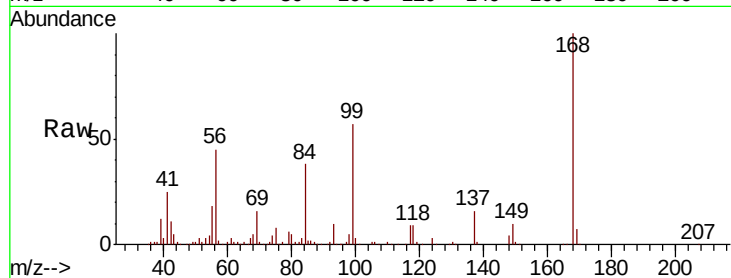
EP1-Q1-G3

Tgt Ion: 168 Resp: 288184

Ion Ratio Lower Upper

168 100

99 56.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW005544.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW005544.D (-981) (-)

7.95

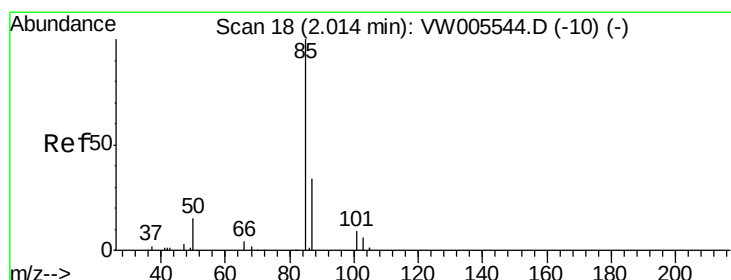
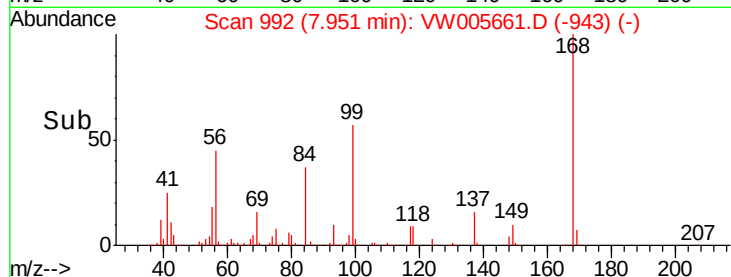
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.514 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005661.D

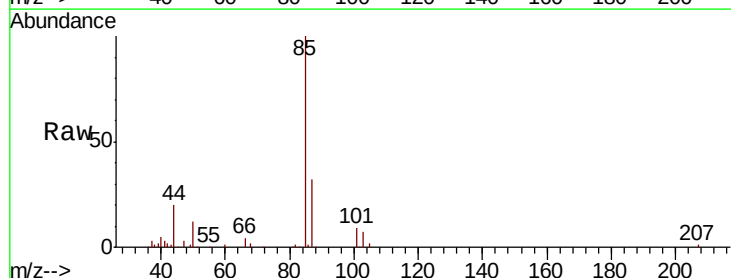
Acq: 26 Sep 2018 18:58

Tgt Ion: 85 Resp: 89114

Ion Ratio Lower Upper

85 100

87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW005544.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW005544.D (-10) (-)

2.01

25000

20000

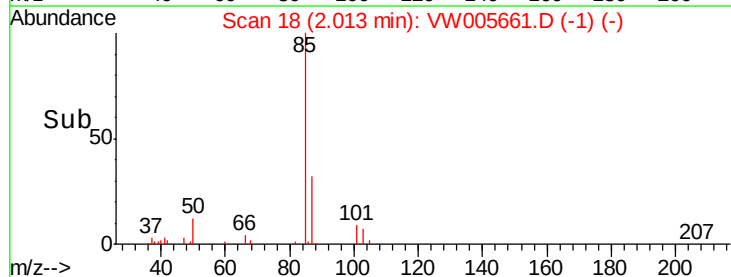
15000

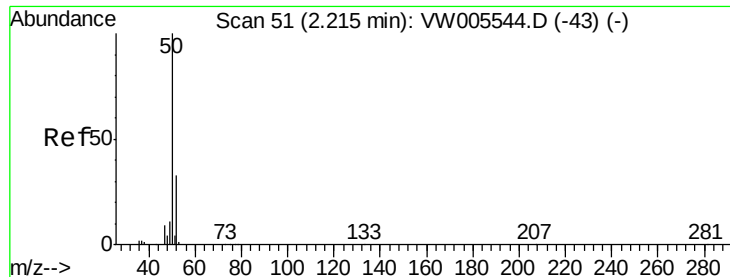
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.349 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

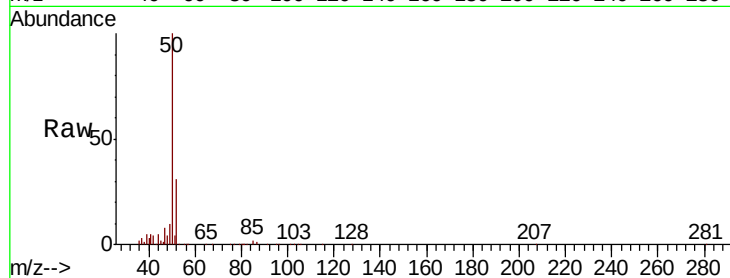
EP1-Q1-G3

Tgt Ion: 50 Resp: 102740

Ion Ratio Lower Upper

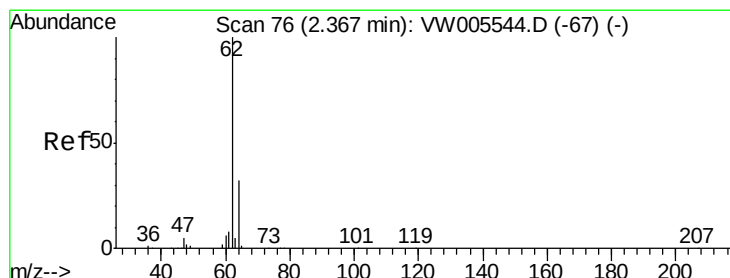
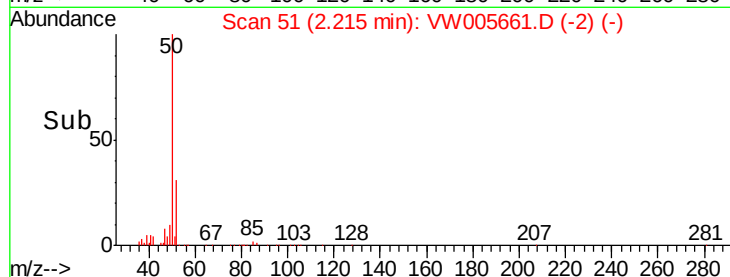
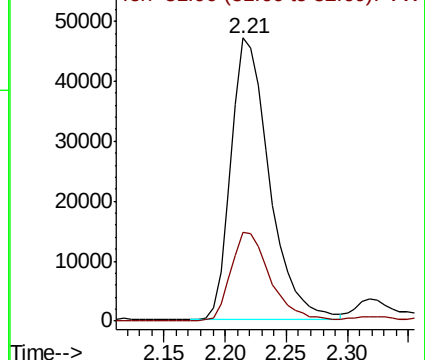
50 100

52 31.4 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: 51.593 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005661.D

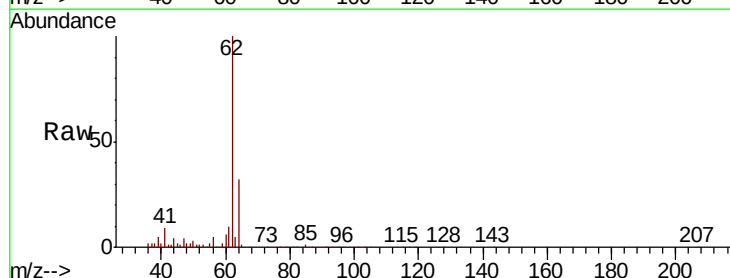
Acq: 26 Sep 2018 18:58

Tgt Ion: 62 Resp: 142865

Ion Ratio Lower Upper

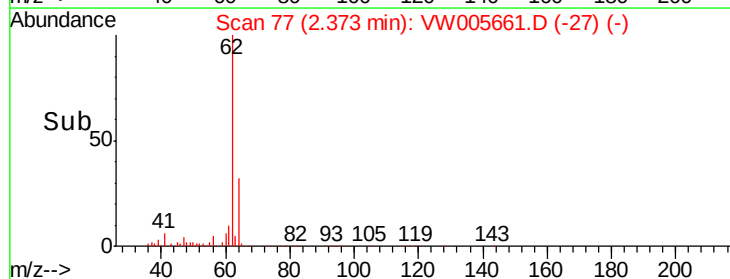
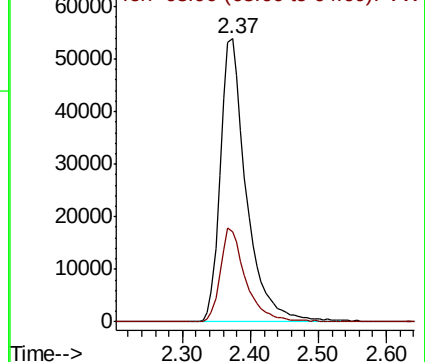
62 100

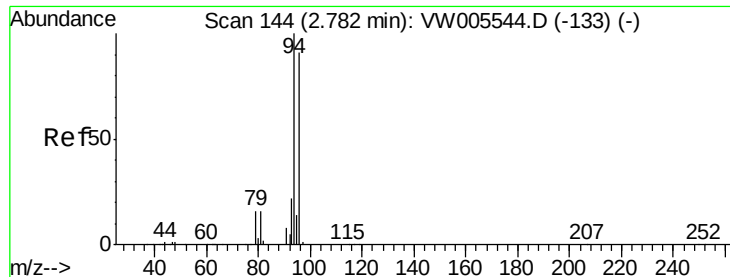
64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.299 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

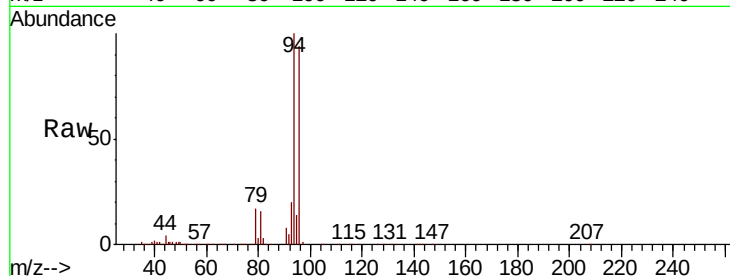
EP1-Q1-G3

Tgt Ion: 94 Resp: 88512

Ion Ratio Lower Upper

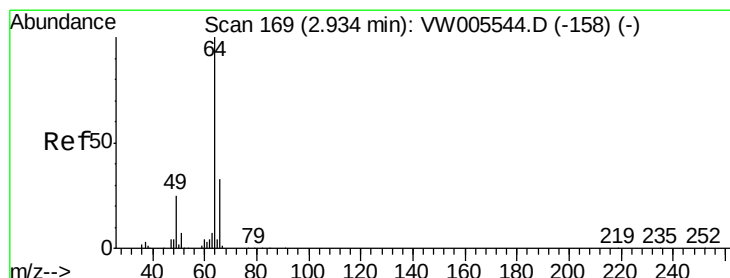
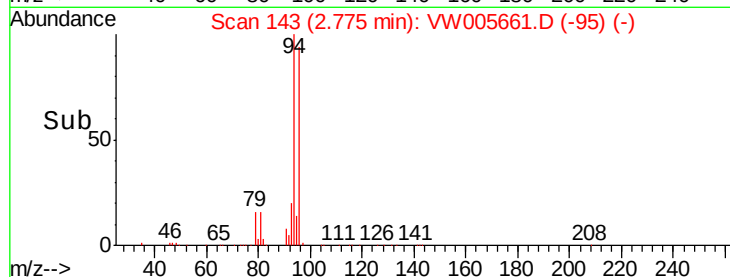
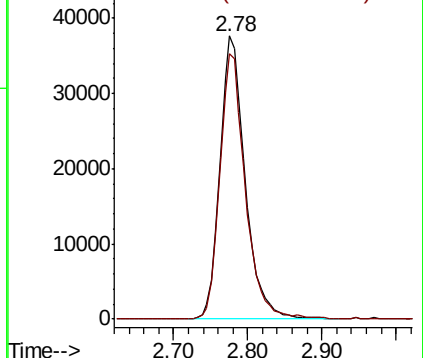
94 100

96 93.7 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 48.189 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005661.D

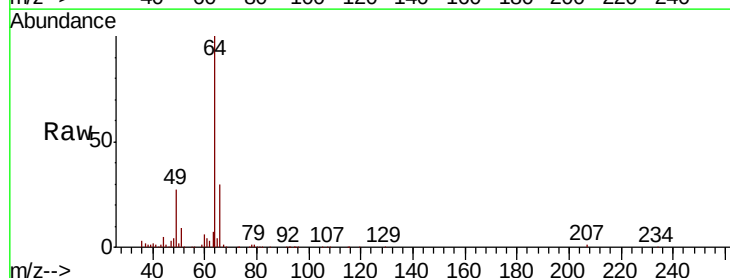
Acq: 26 Sep 2018 18:58

Tgt Ion: 64 Resp: 85624

Ion Ratio Lower Upper

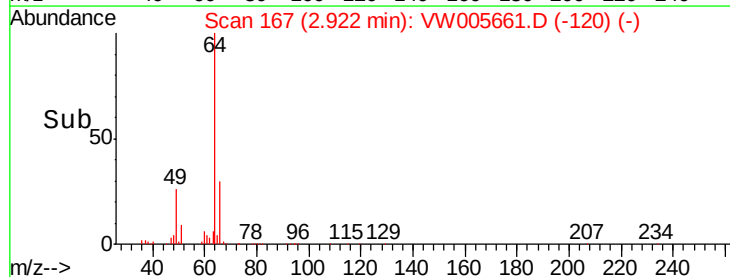
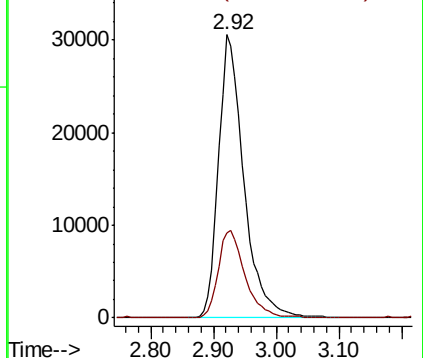
64 100

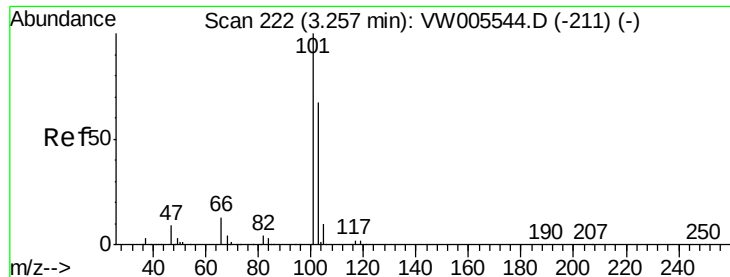
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



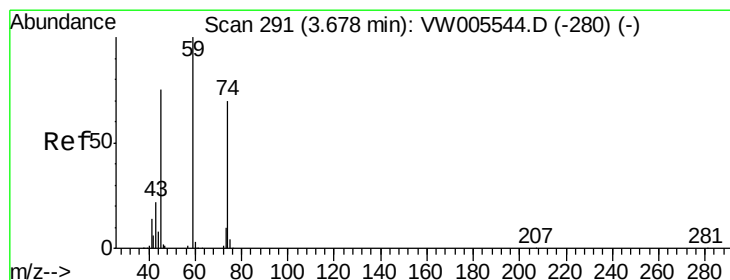
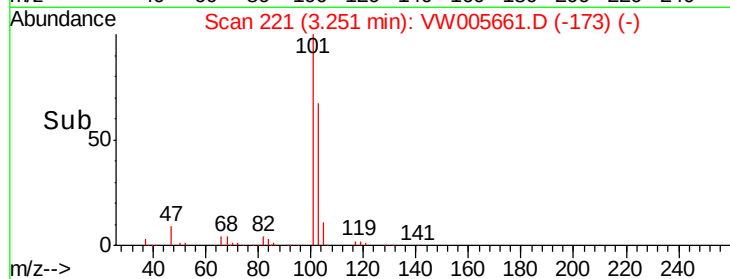
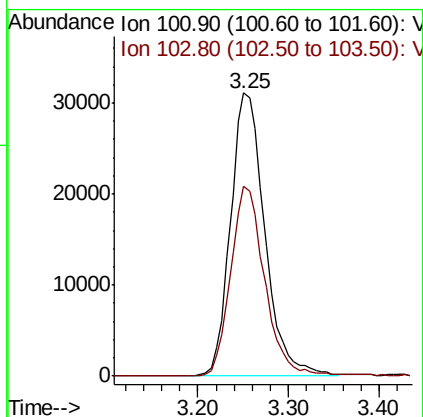
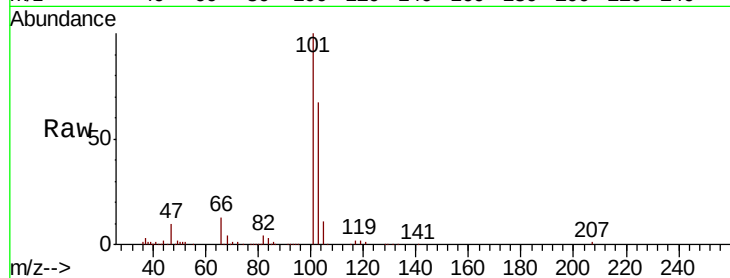


#7

Trichlorofluoromethane
Concen: 37.655 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

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MSVOA_W
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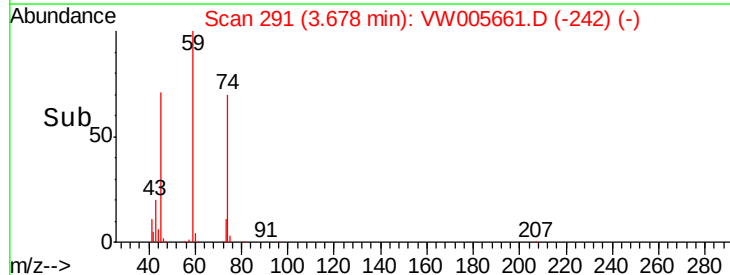
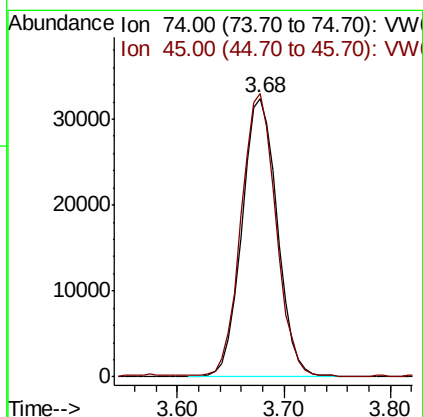
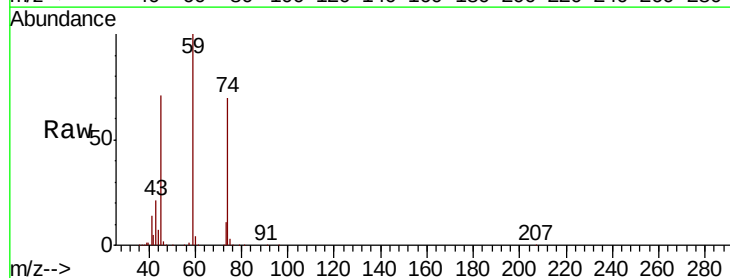
Tgt Ion:101 Resp: 81553
Ion Ratio Lower Upper
101 100
103 67.3 53.2 79.8

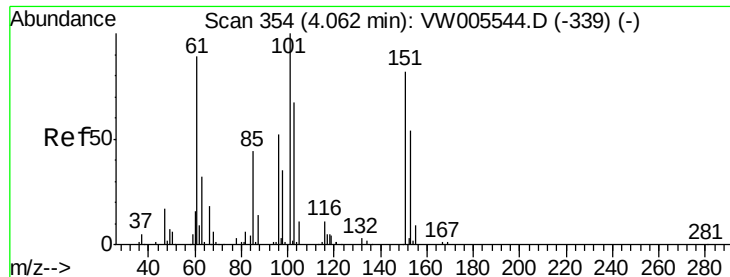


#8

Diethyl Ether
Concen: 53.427 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 74 Resp: 75585
Ion Ratio Lower Upper
74 100
45 100.9 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.085 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

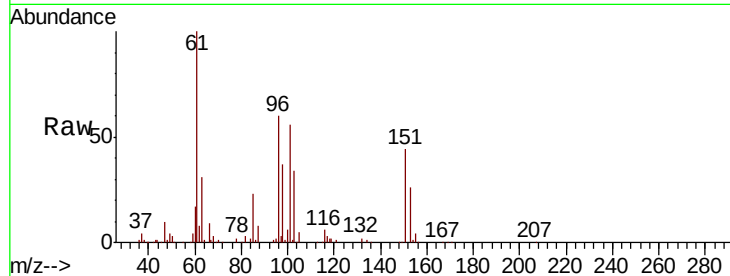
Tgt Ion:101 Resp: 109895

Ion Ratio Lower Upper

101 100

85 45.0 36.4 54.6

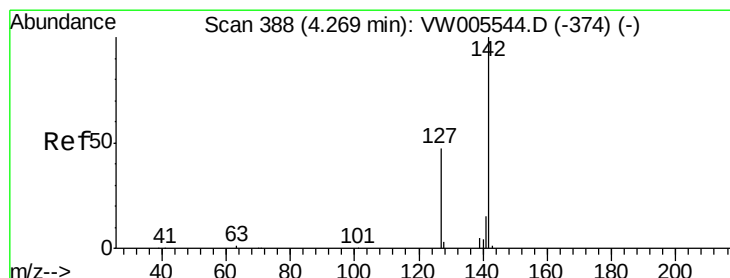
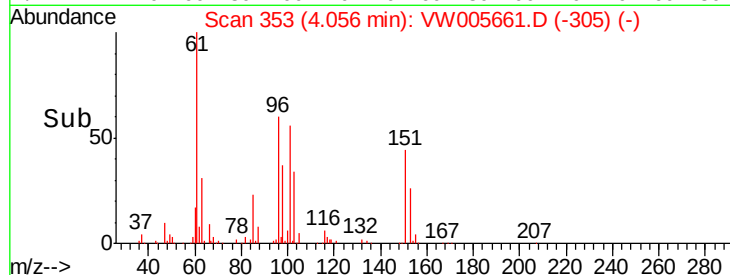
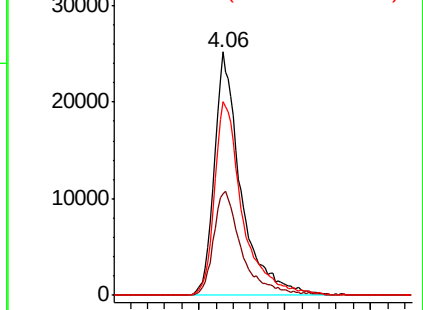
151 82.2 65.8 98.6



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: 48.051 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

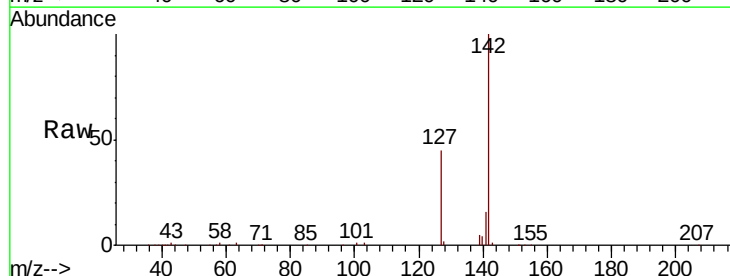
Tgt Ion:142 Resp: 202589

Ion Ratio Lower Upper

142 100

127 44.2 37.4 56.0

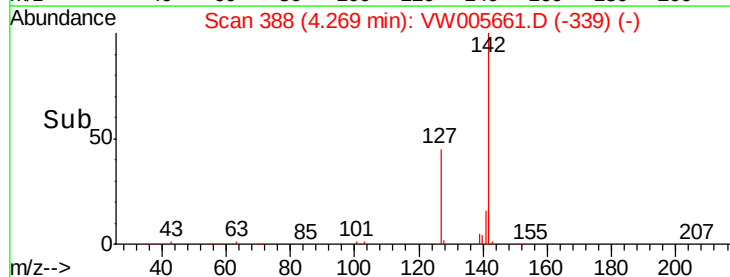
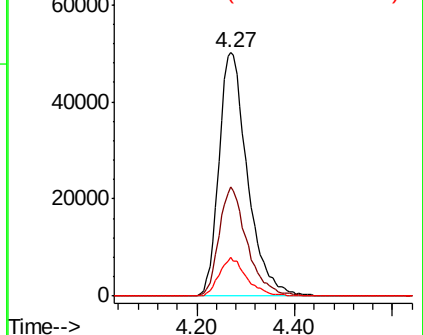
141 15.2 11.9 17.9

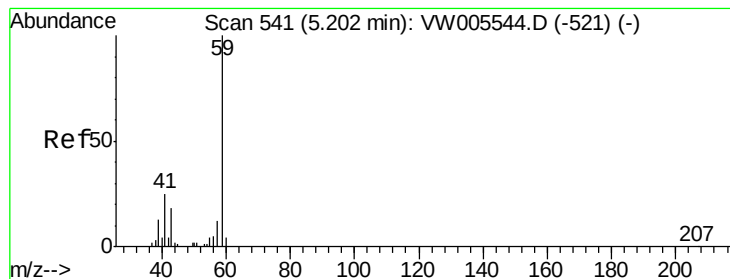


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



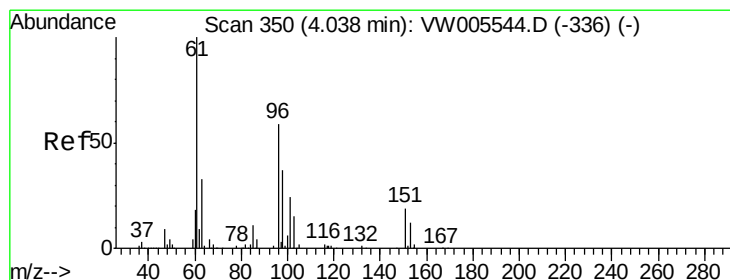
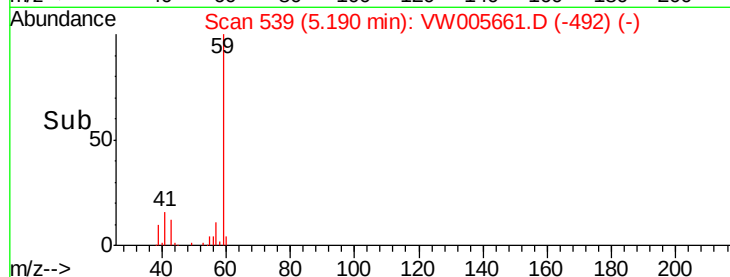
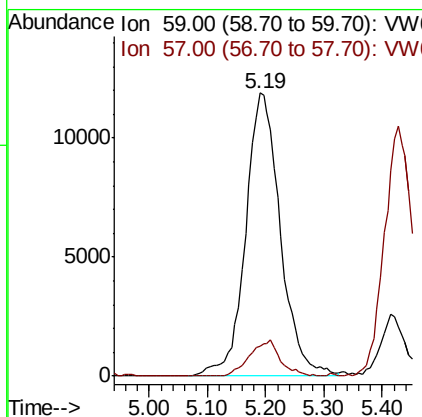
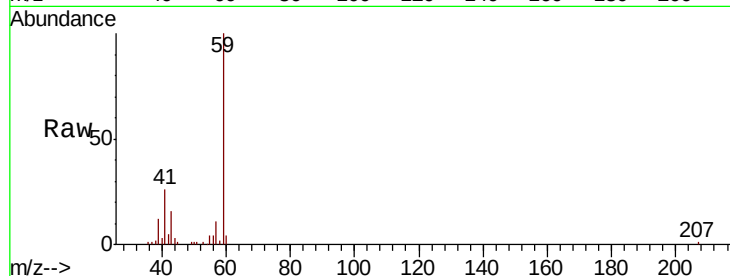


#11

Tert butyl alcohol
Concen: 280.904 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

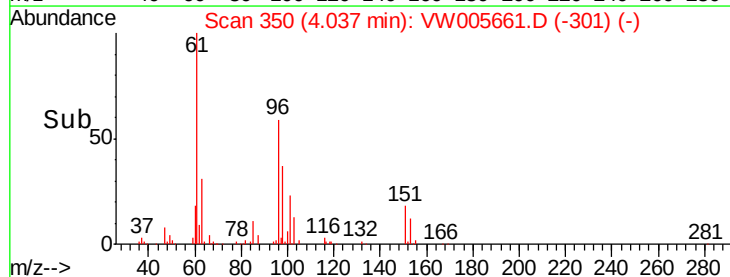
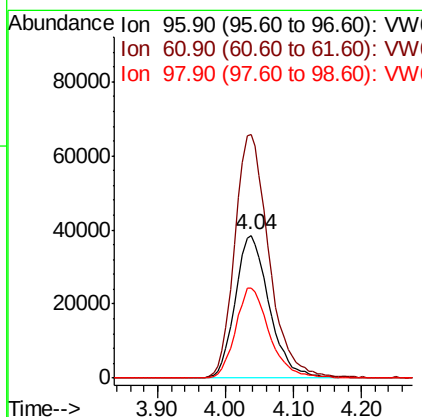
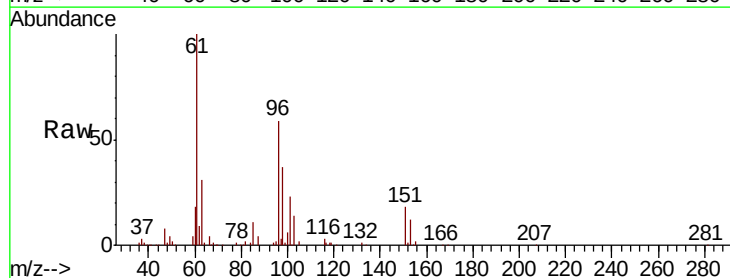
Tgt Ion: 59 Resp: 49189
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

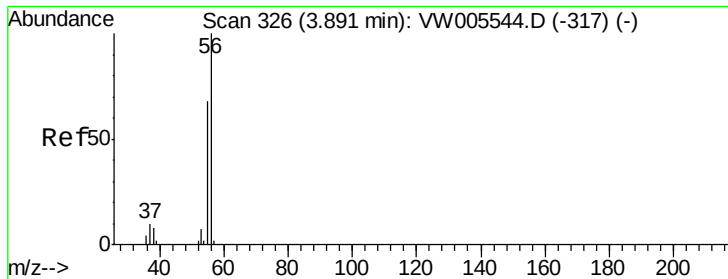


#12

1,1-Dichloroethene
Concen: 50.919 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 96 Resp: 133645
Ion Ratio Lower Upper
96 100
61 170.7 135.0 202.6
98 63.1 50.6 76.0





#13

Acrolein

Concen: Below Cal

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

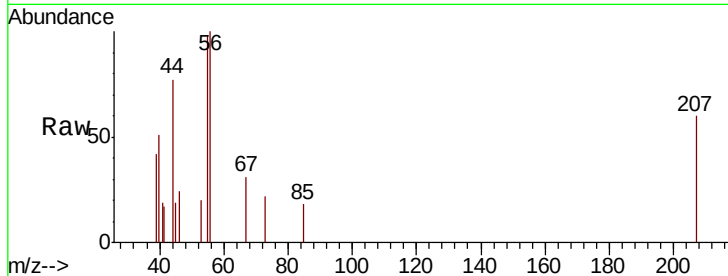
EP1-Q1-G3

Tgt Ion: 56 Resp: 722

Ion Ratio Lower Upper

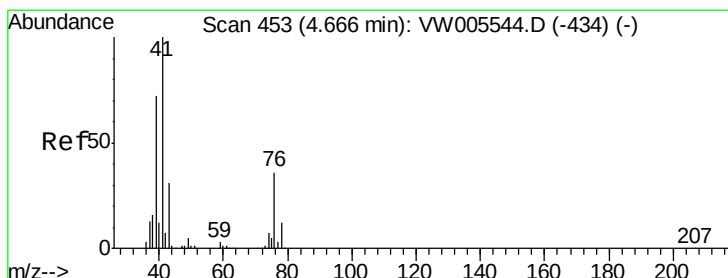
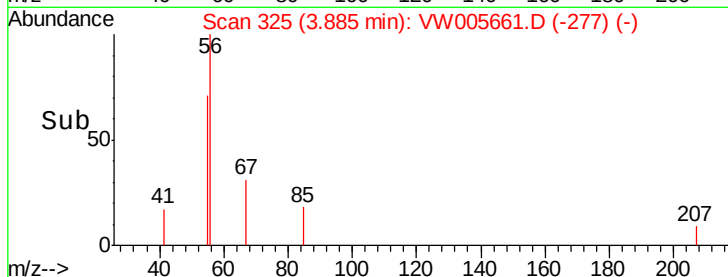
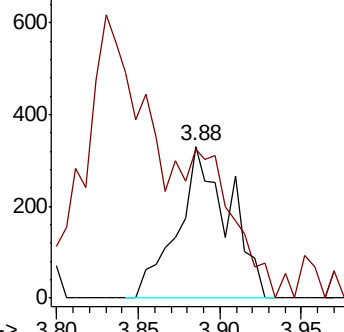
56 100

55 0.0 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.280 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

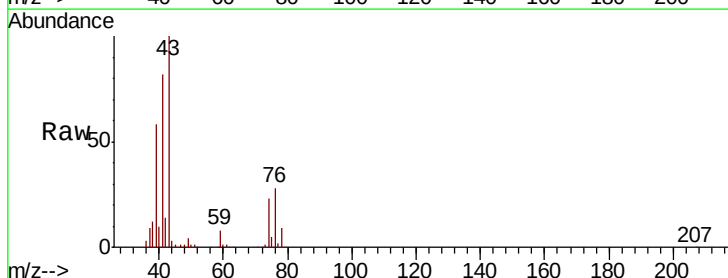
Tgt Ion: 41 Resp: 225727

Ion Ratio Lower Upper

41 100

39 70.8 59.6 89.4

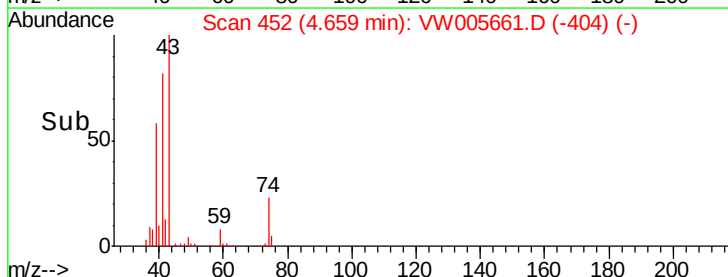
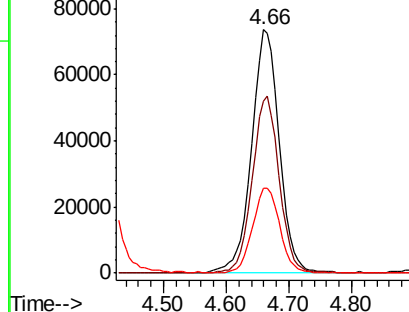
76 34.0 27.7 41.5

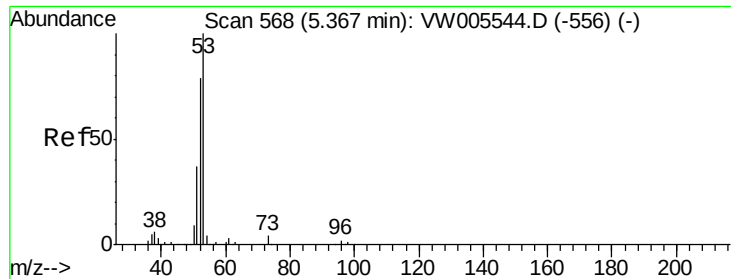


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 275.146 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

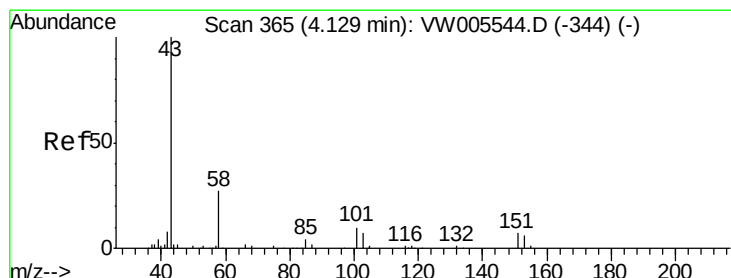
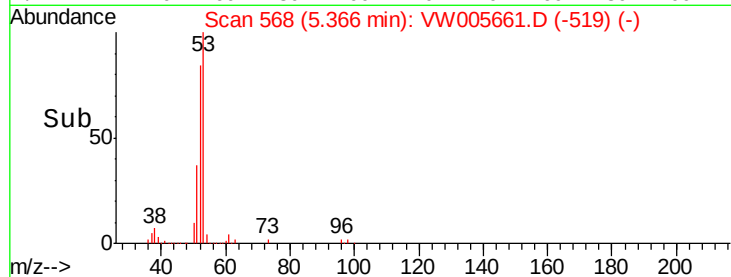
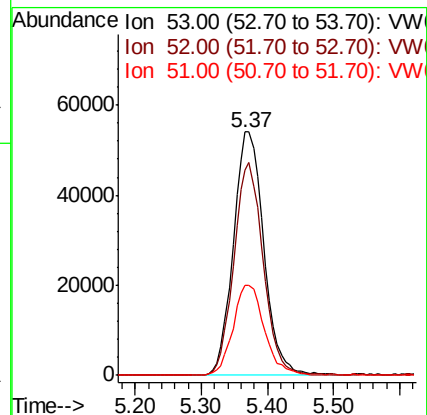
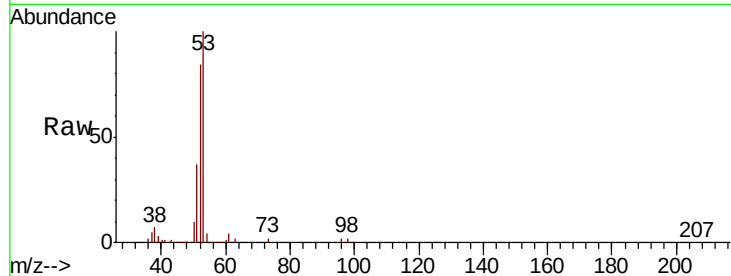
Tgt Ion: 53 Resp: 172829

Ion Ratio Lower Upper

53 100

52 84.1 66.5 99.7

51 38.1 30.6 46.0



#16

Acetone

Concen: 298.927 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005661.D

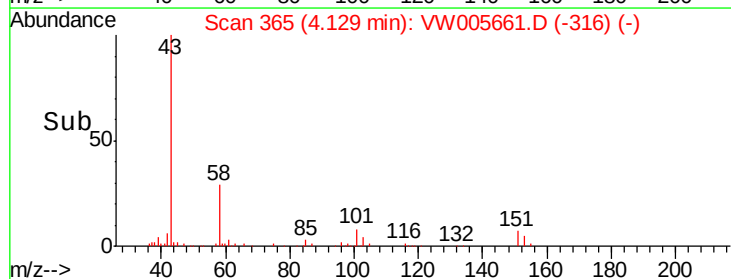
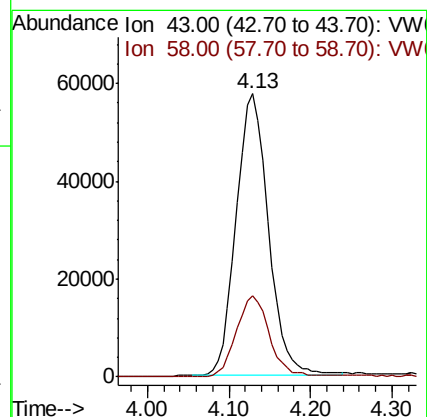
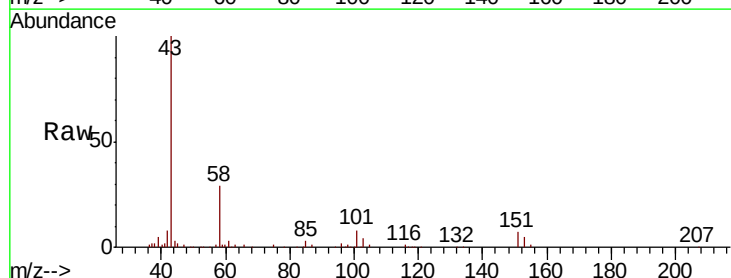
Acq: 26 Sep 2018 18:58

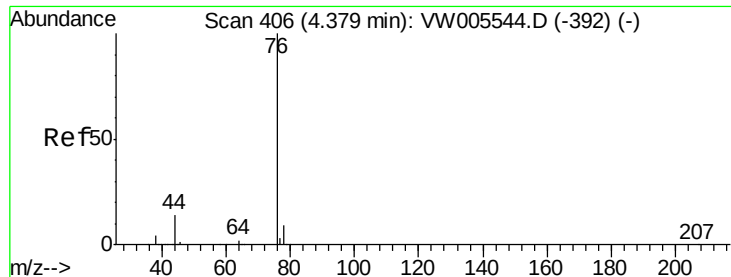
Tgt Ion: 43 Resp: 158559

Ion Ratio Lower Upper

43 100

58 28.6 21.8 32.8





#17

Carbon Disulfide

Concen: 48.368 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

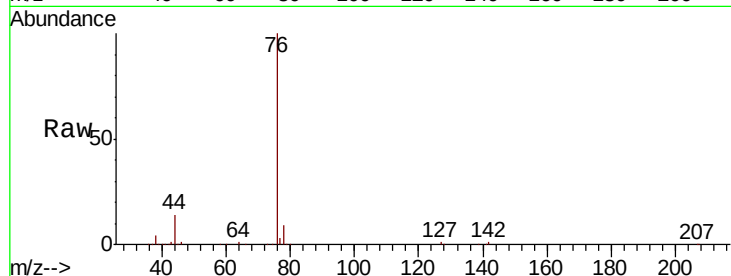
EP1-Q1-G3

Tgt Ion: 76 Resp: 396643

Ion Ratio Lower Upper

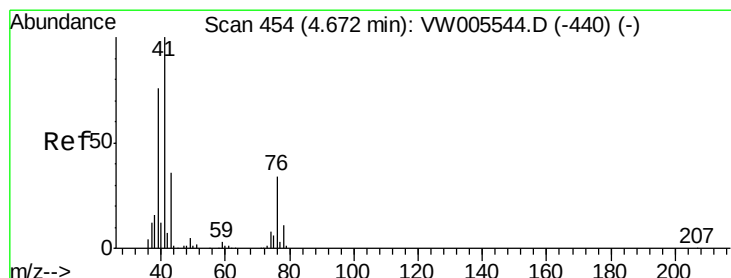
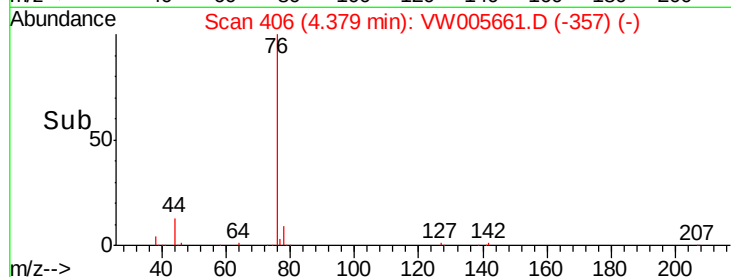
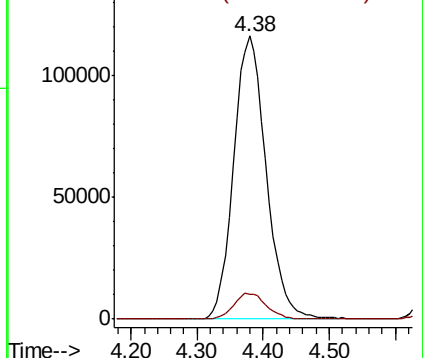
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 197.331 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005661.D

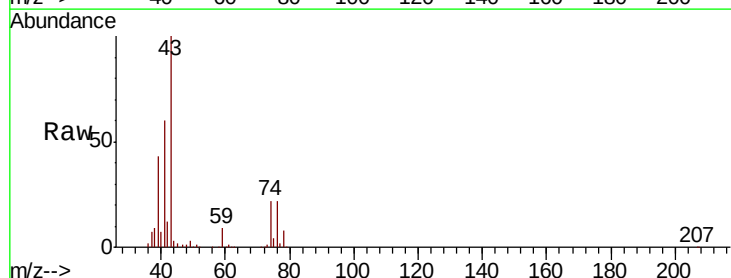
Acq: 26 Sep 2018 18:58

Tgt Ion: 43 Resp: 317525

Ion Ratio Lower Upper

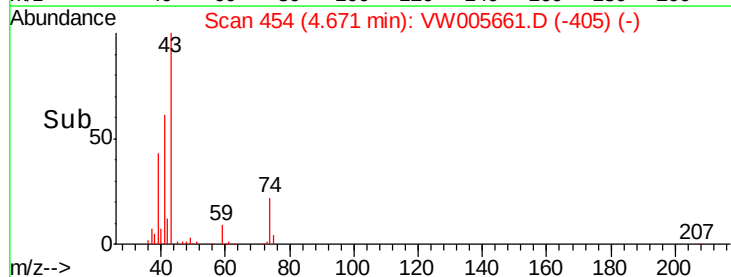
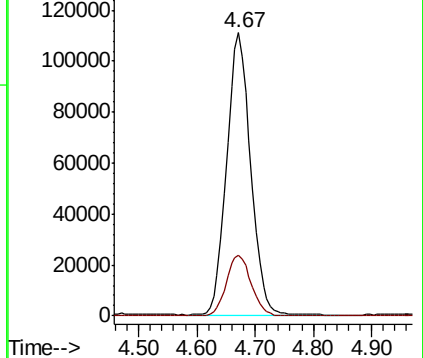
43 100

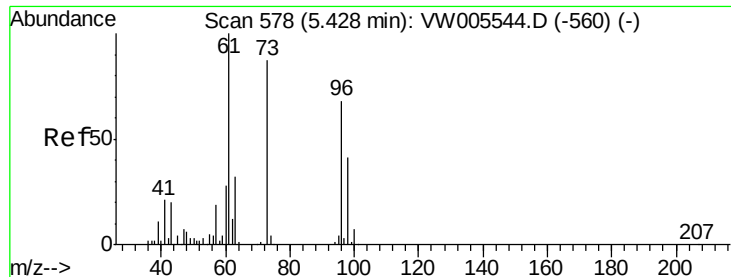
74 22.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

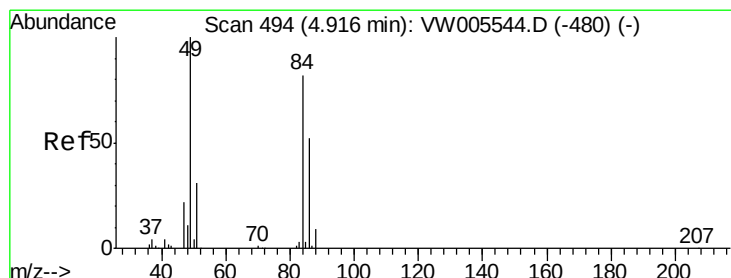
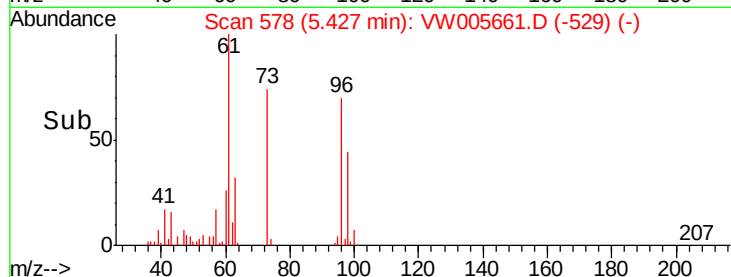
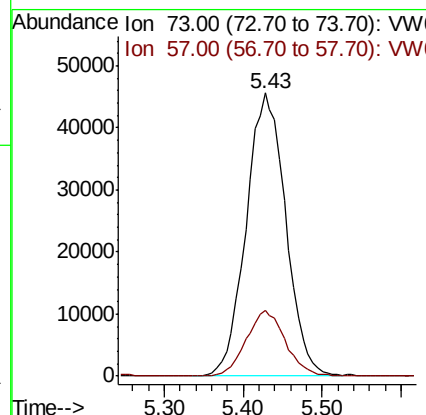
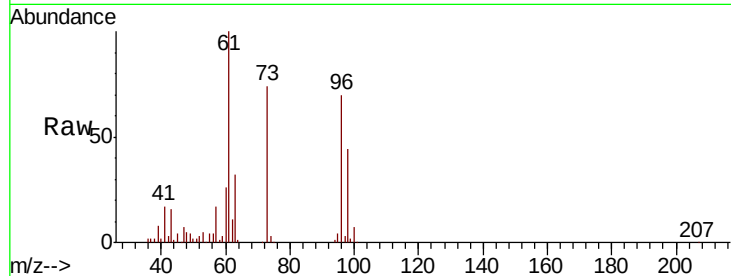




#19
Methyl tert-butyl Ether
Concen: 39.235 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

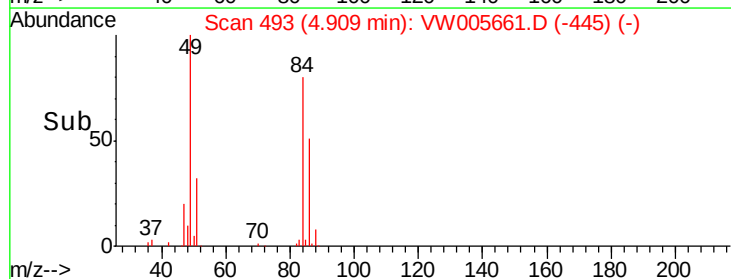
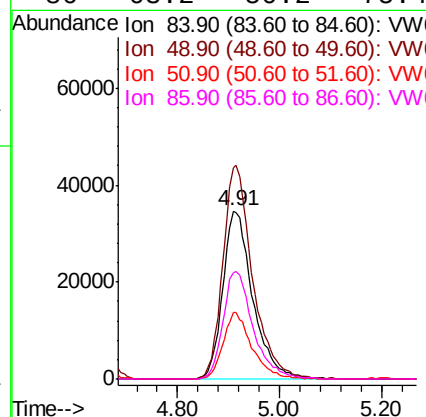
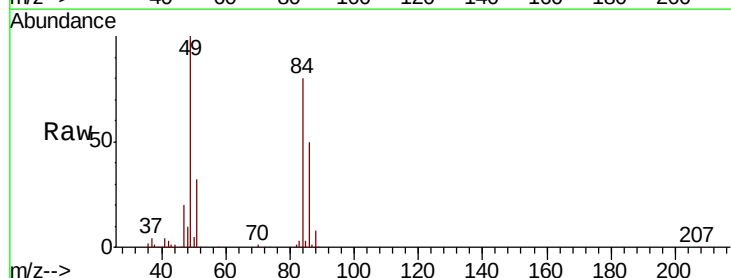
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

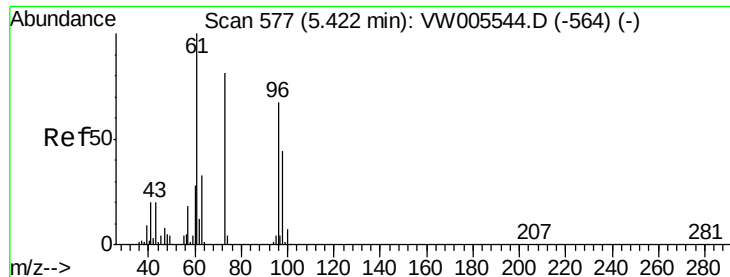
Tgt Ion: 73 Resp: 158946
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 49.537 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 84 Resp: 141019
Ion Ratio Lower Upper
84 100
49 125.6 97.0 145.6
51 39.7 30.2 45.2
86 63.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.697 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

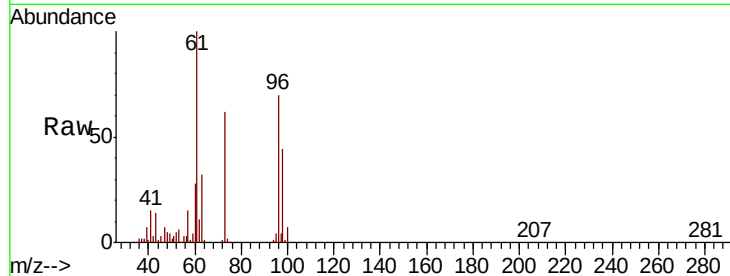
Tgt Ion: 96 Resp: 139990

Ion Ratio Lower Upper

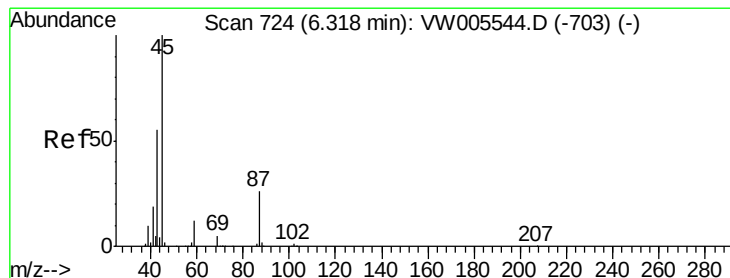
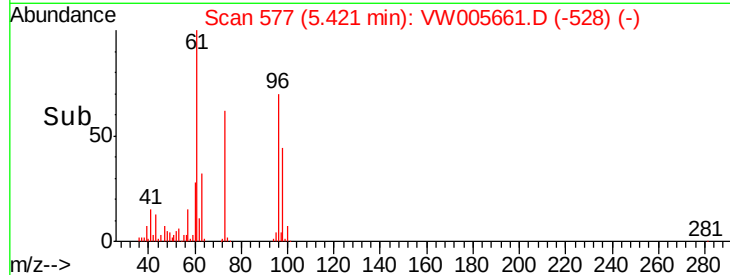
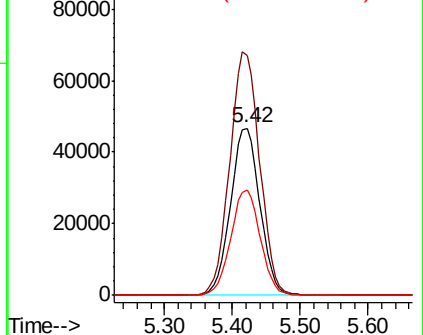
96 100

61 143.8 118.9 178.3

98 62.8 52.1 78.1



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



#22

Diisopropyl ether

Concen: 40.223 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Tgt Ion: 45 Resp: 357660

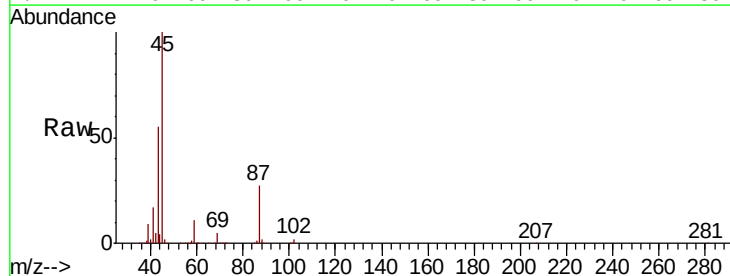
Ion Ratio Lower Upper

45 100

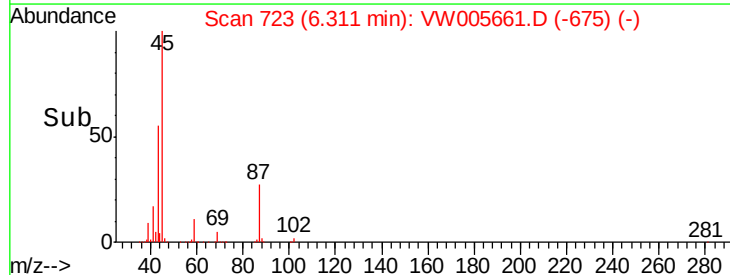
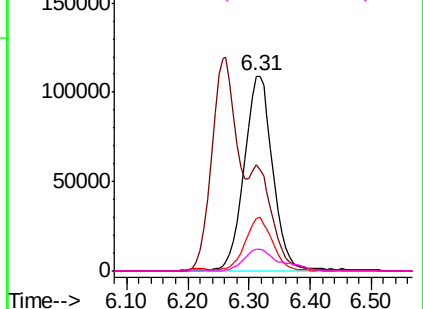
43 53.8 44.2 66.4

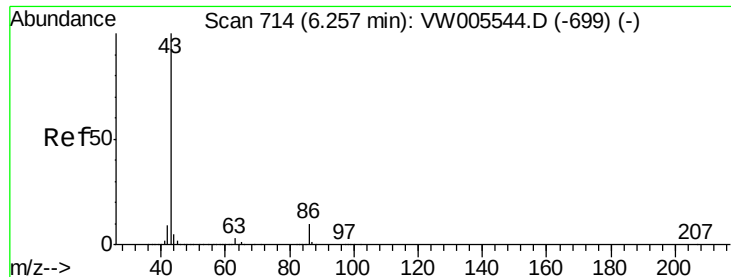
87 26.9 21.4 32.2

59 10.8 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 72.582 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

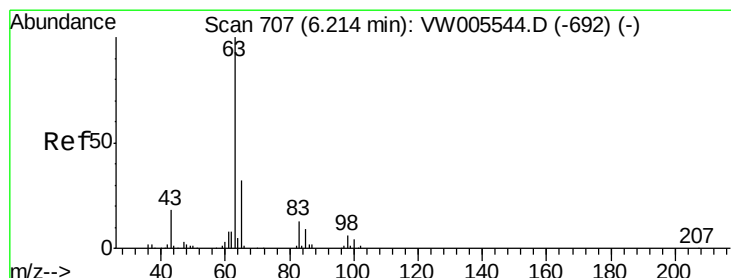
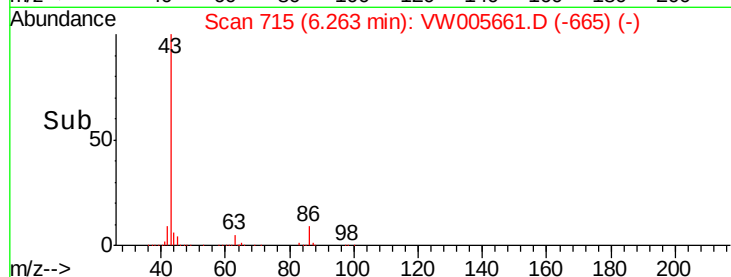
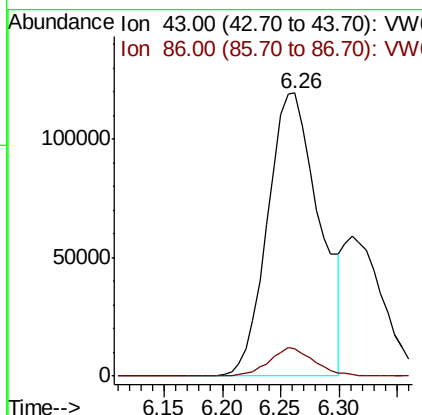
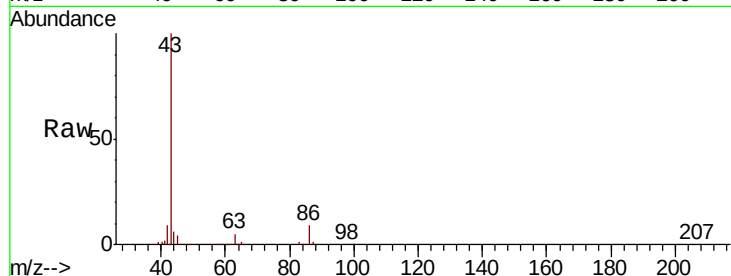
EP1-Q1-G3

Tgt Ion: 43 Resp: 368888

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 47.272 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

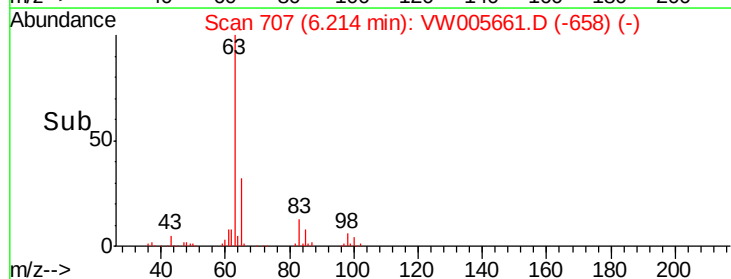
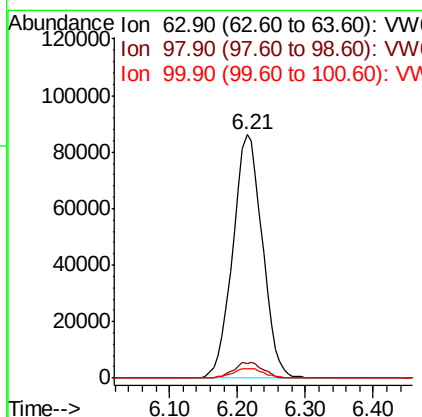
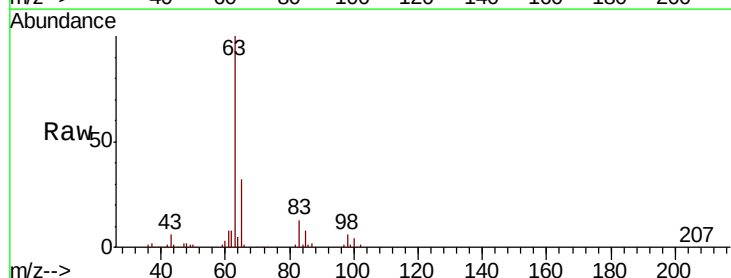
Tgt Ion: 63 Resp: 259701

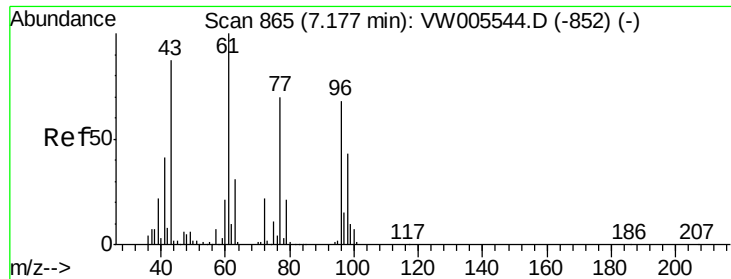
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 284.279 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

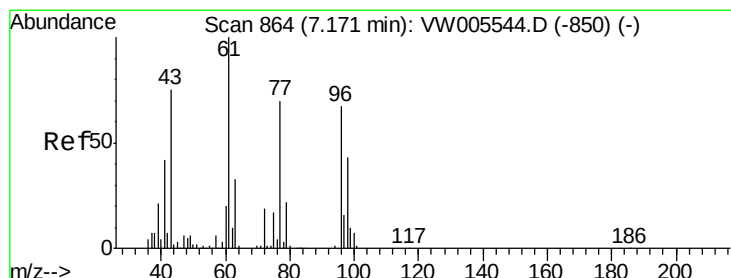
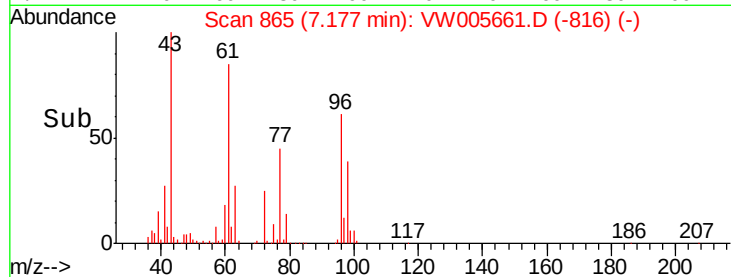
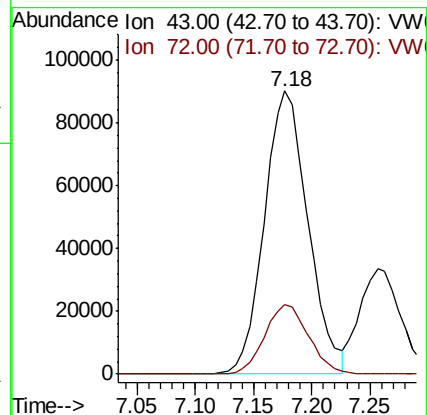
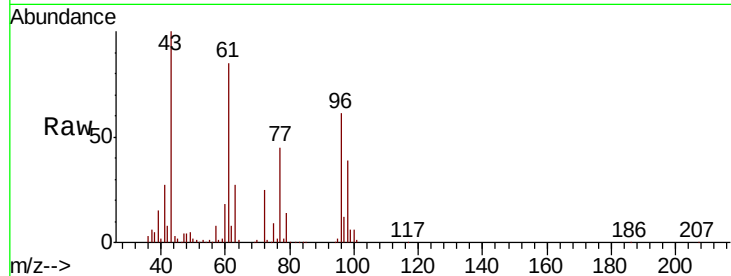
EP1-Q1-G3

Tgt Ion: 43 Resp: 234408

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 34.437 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005661.D

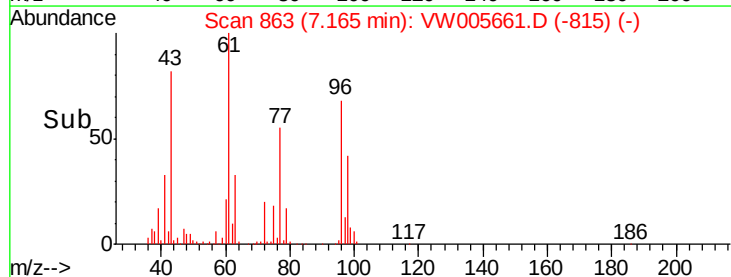
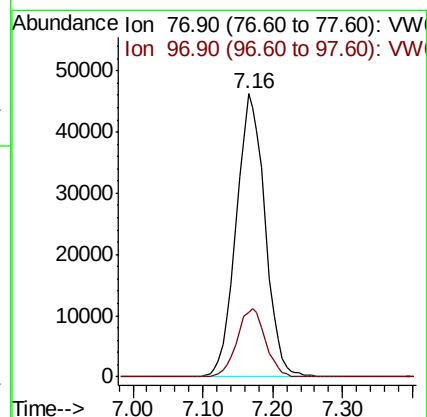
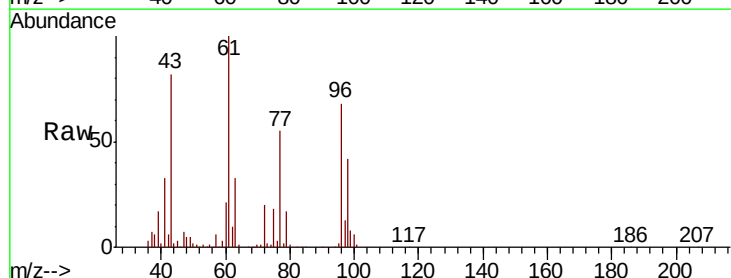
Acq: 26 Sep 2018 18:58

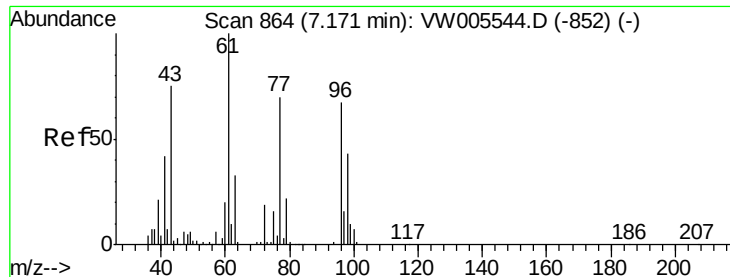
Tgt Ion: 77 Resp: 132078

Ion Ratio Lower Upper

77 100

97 23.8 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 48.736 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

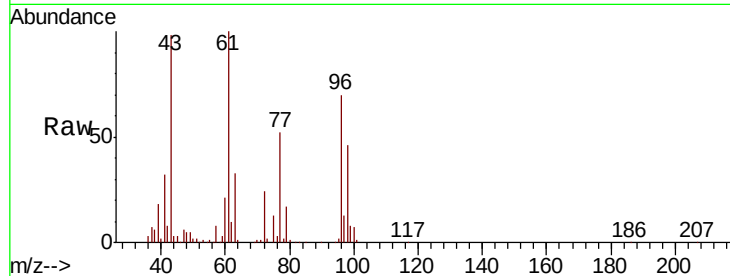
Tgt Ion: 96 Resp: 154528

Ion Ratio Lower Upper

96 100

61 145.9 0.0 303.4

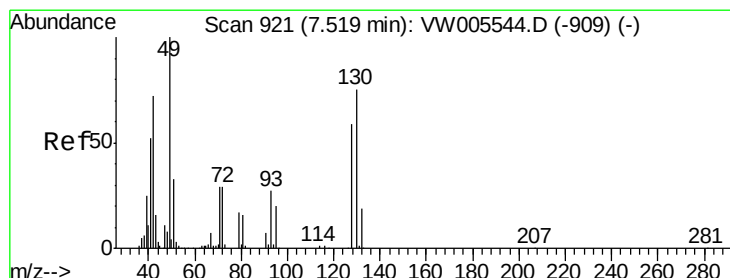
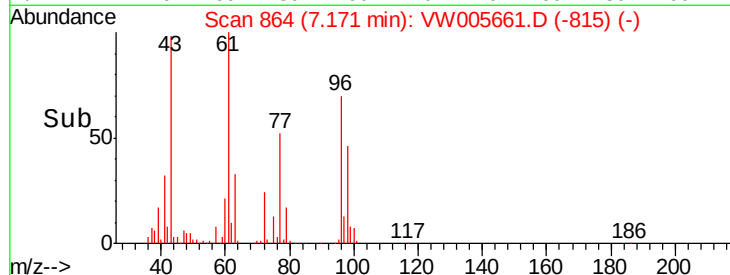
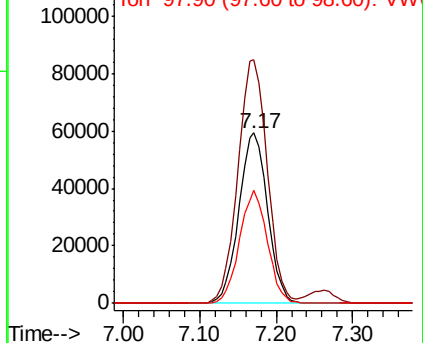
98 64.1 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 43.238 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

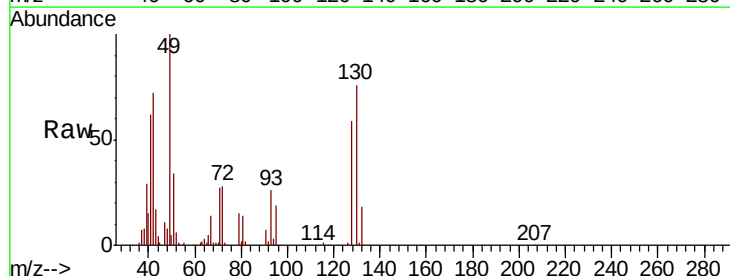
Tgt Ion: 49 Resp: 94093

Ion Ratio Lower Upper

49 100

129 0.5 0.0 1.4

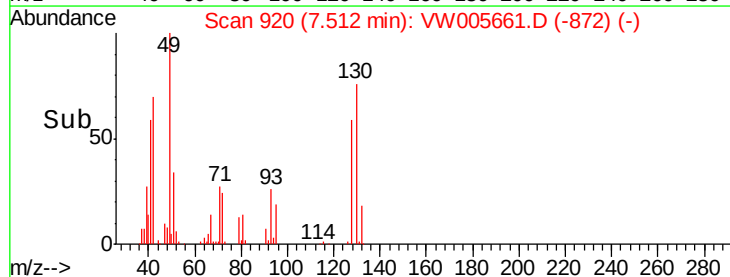
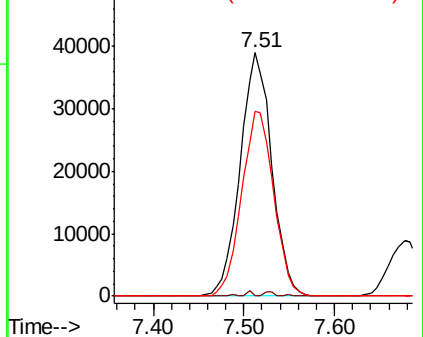
130 77.1 61.3 91.9

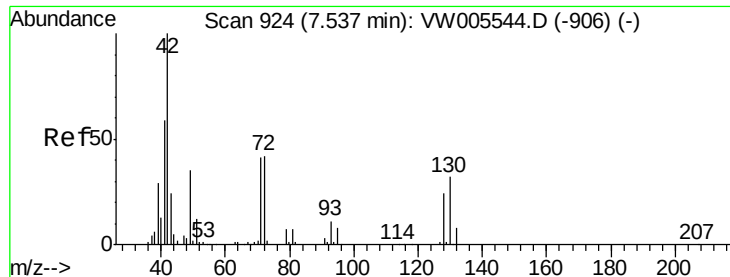


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

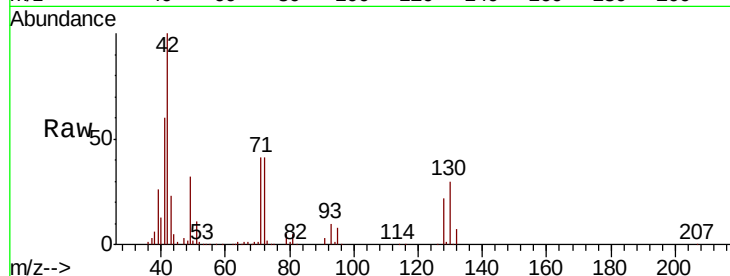




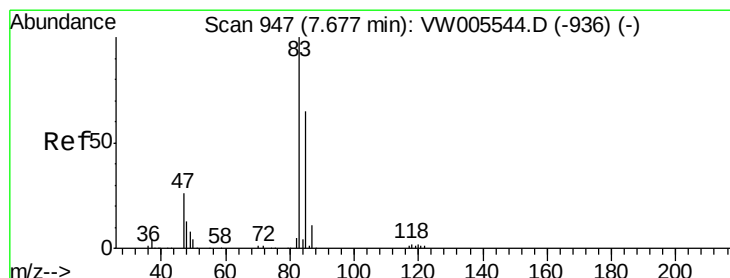
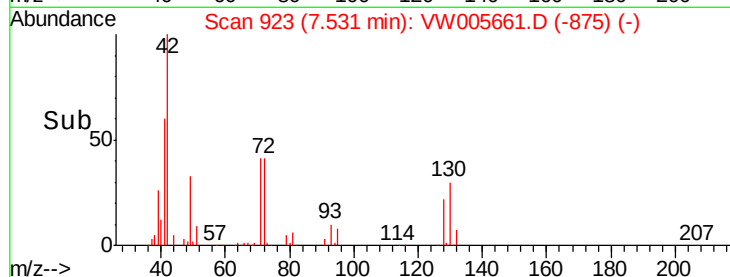
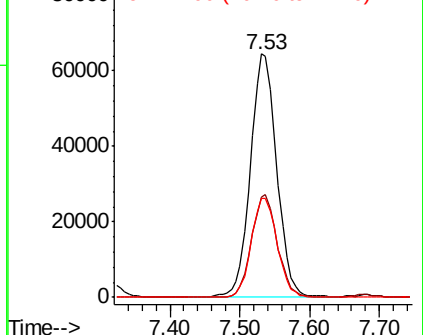
#29
Tetrahydrofuran
Concen: 327.905 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tgt Ion: 42 Resp: 168916
Ion Ratio Lower Upper
42 100
72 41.3 33.6 50.4
71 40.0 31.8 47.6

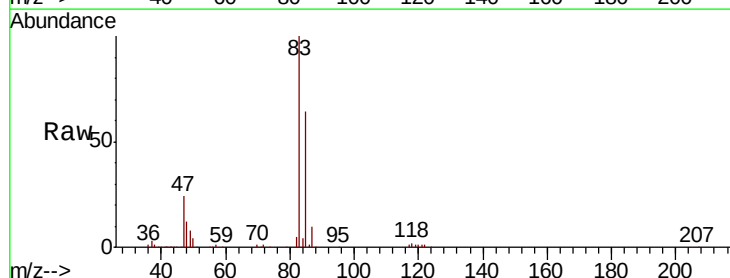


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

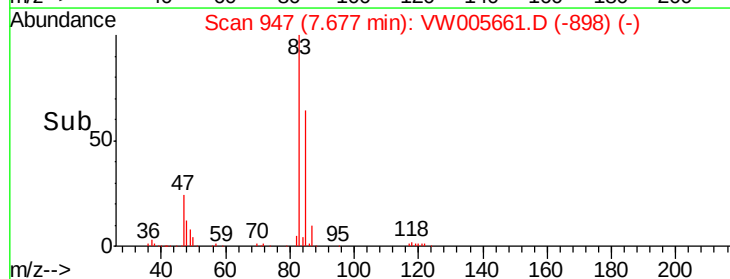
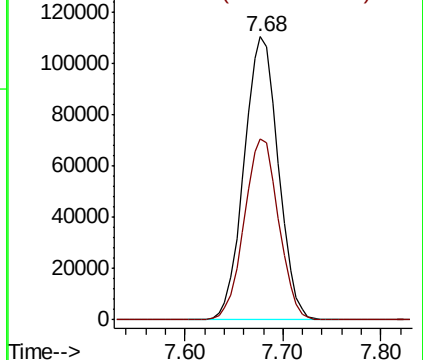


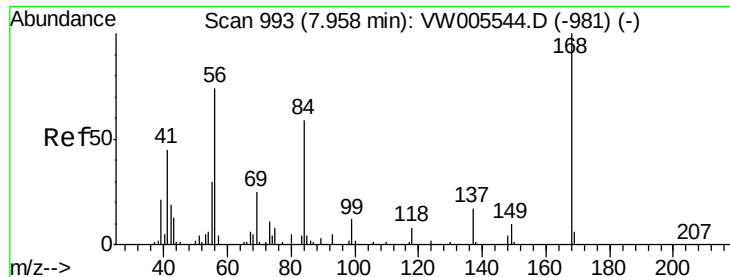
#30
Chloroform
Concen: 47.112 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 83 Resp: 267210
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

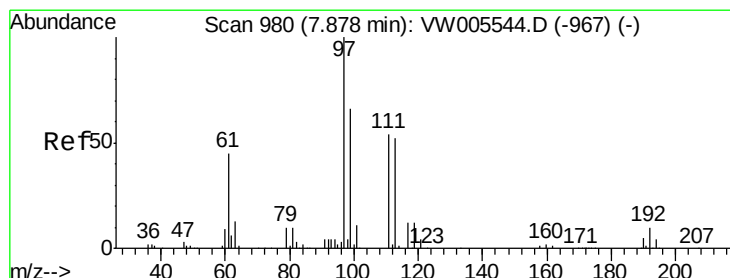
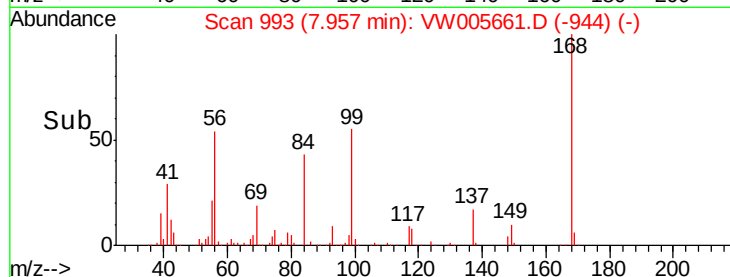
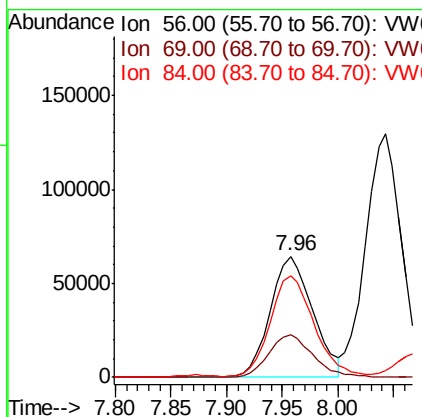
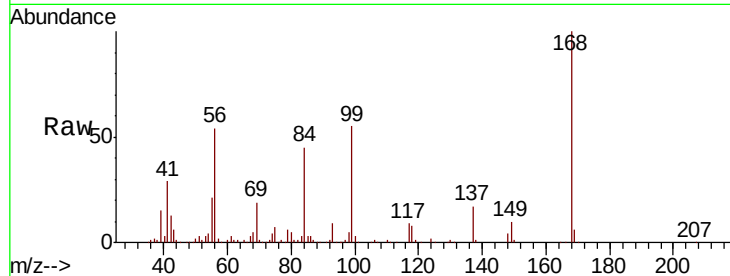




#31
Cyclohexane
Concen: 32.588 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

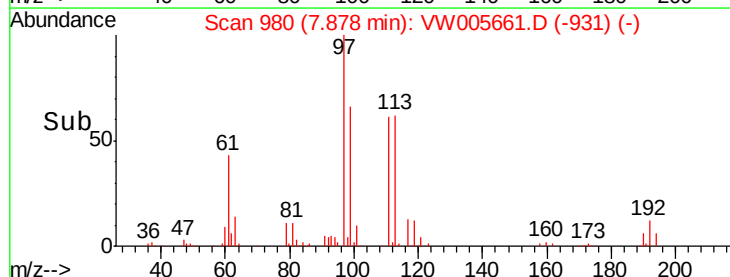
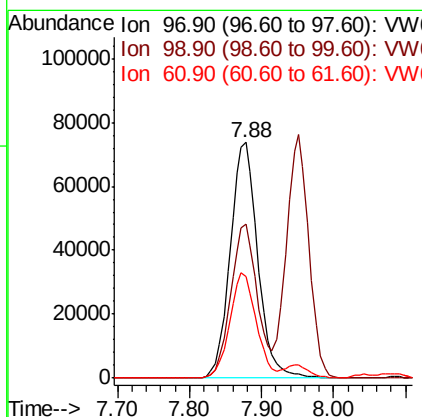
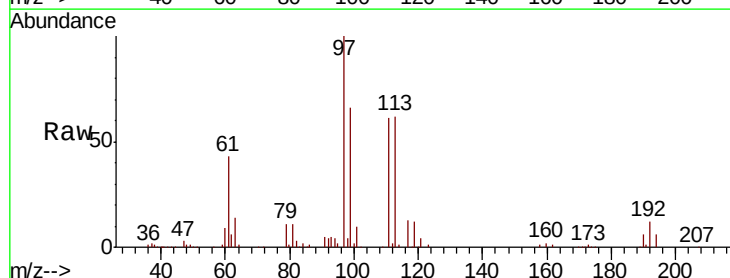
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

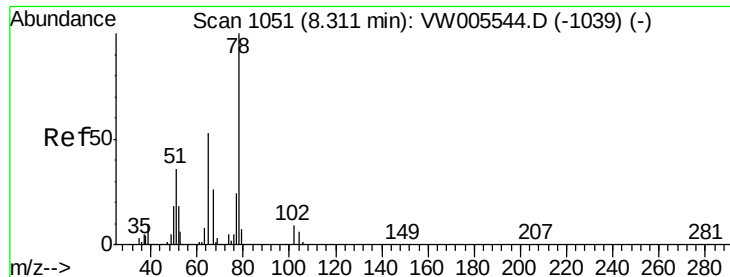
Tgt Ion: 56 Resp: 171523
Ion Ratio Lower Upper
56 100
69 35.3 27.0 40.4
84 82.5 64.2 96.4



#32
1,1,1-Trichloroethane
Concen: 39.032 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 97 Resp: 195567
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 42.8 36.2 54.2

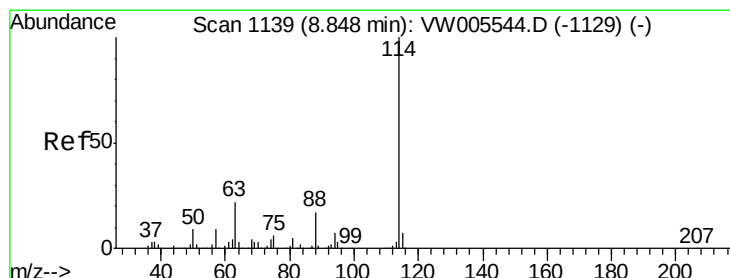
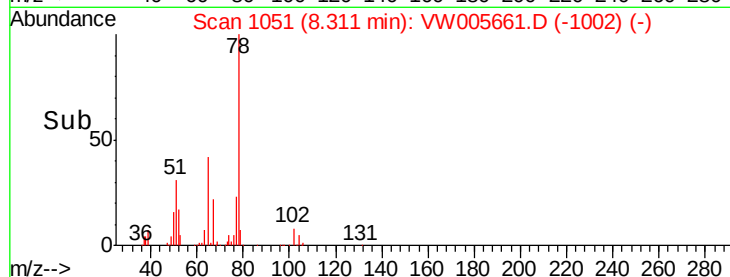
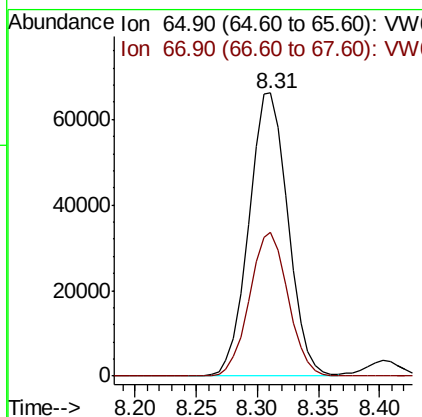
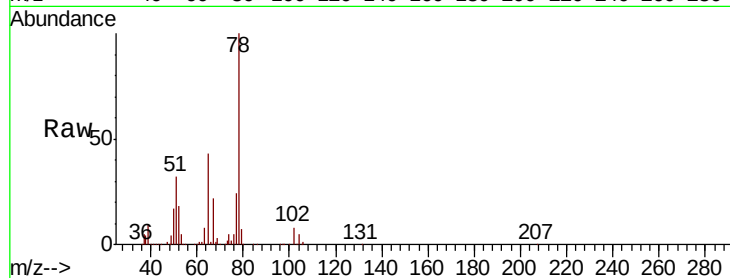




#33
 1,2-Dichloroethane-d4
 Concen: 43.321 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

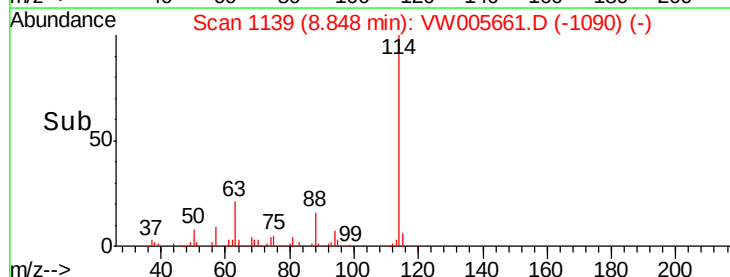
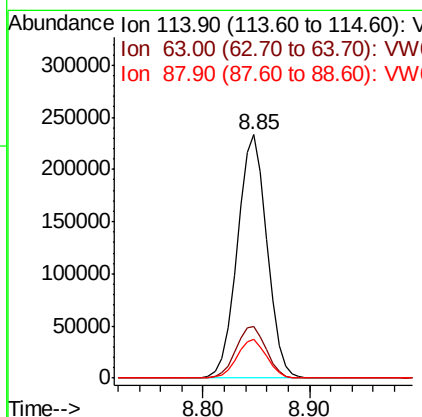
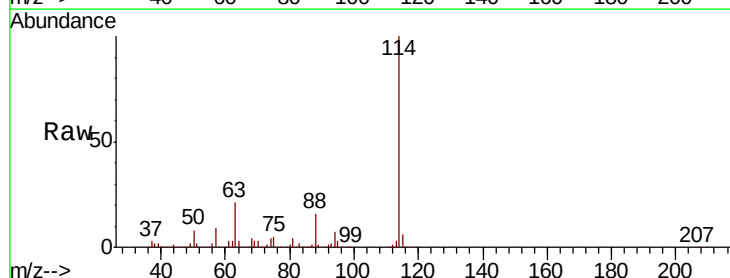
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

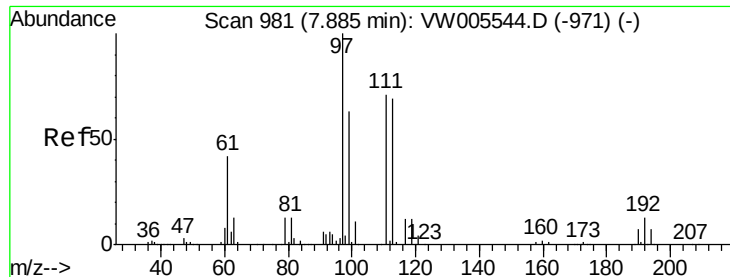
Tgt Ion: 65 Resp: 147074
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion: 114 Resp: 455249
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 15.8 0.0 33.0

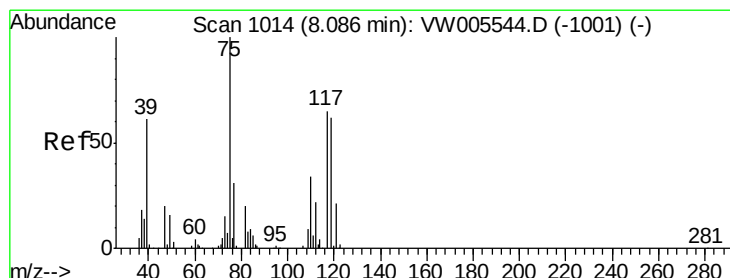
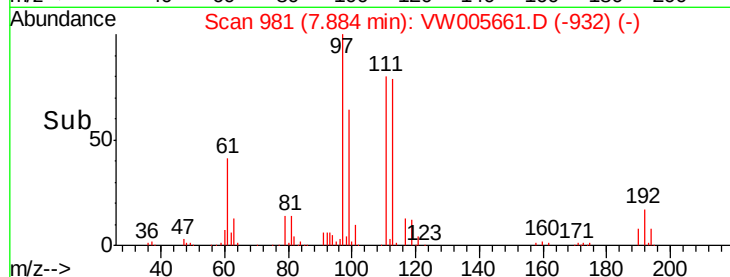
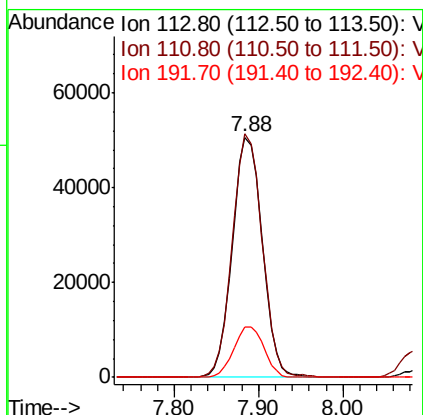
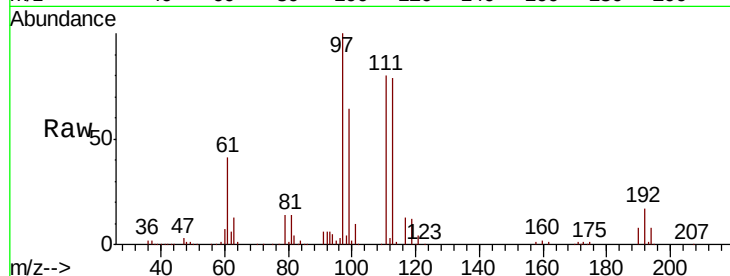




#35
 Dibromofluoromethane
 Concen: 42.333 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

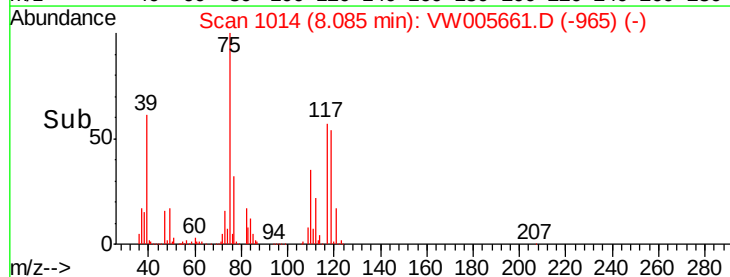
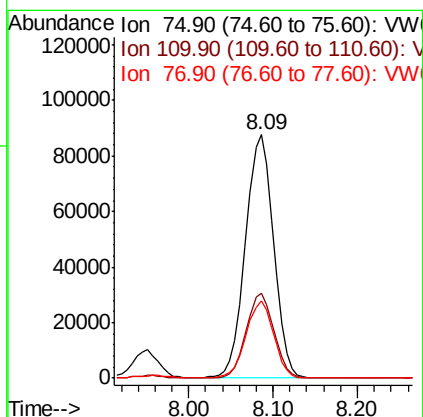
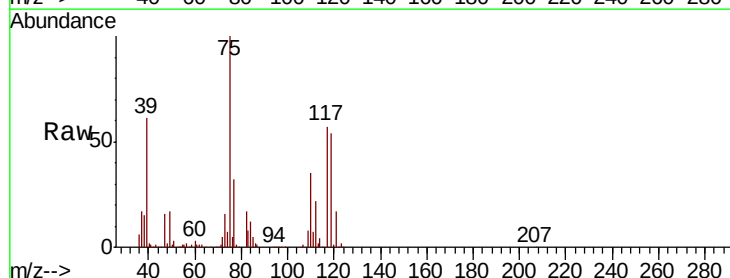
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

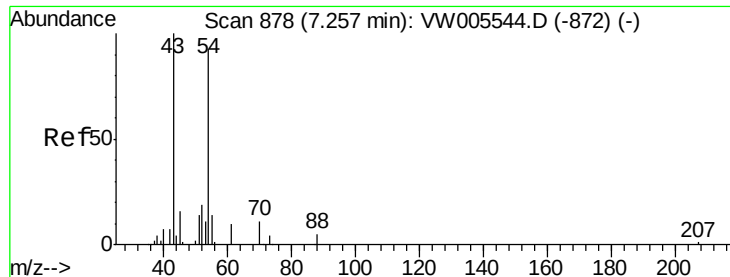
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	21.3	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 43.125 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.0	50.9
77	31.3	24.8	37.2

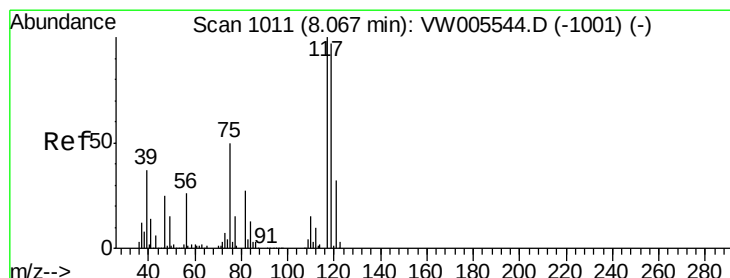
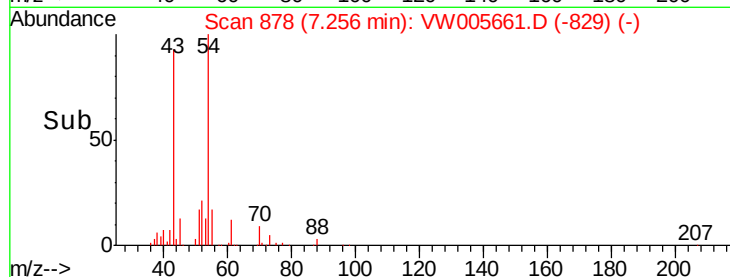
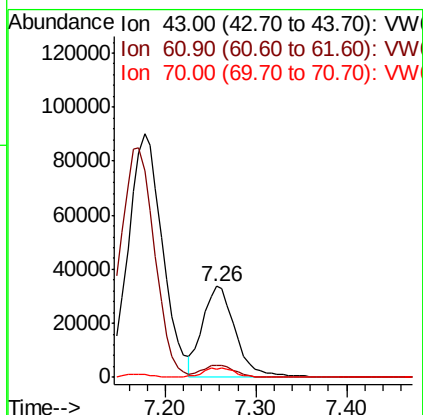
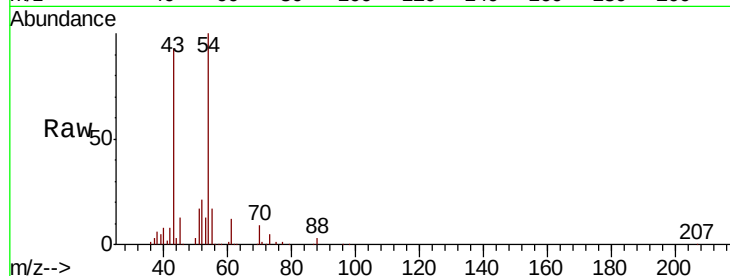




#37
 Ethyl Acetate
 Concen: 44.000 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

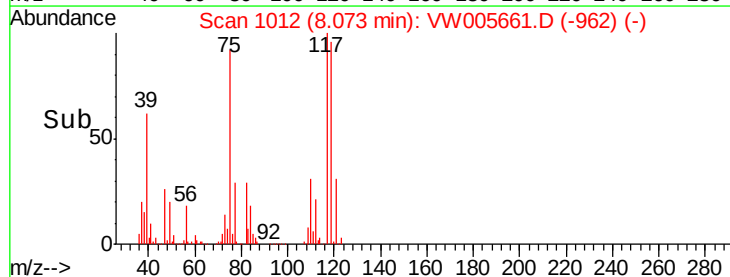
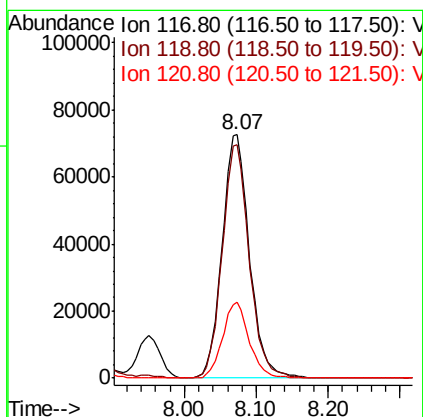
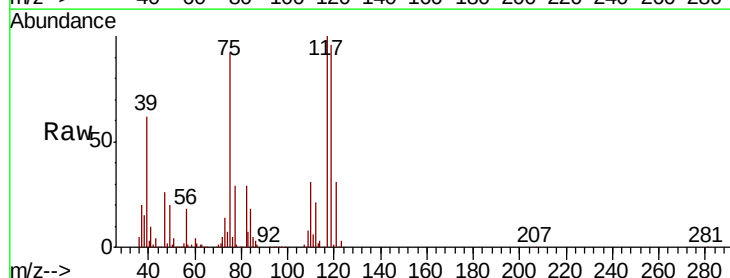
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

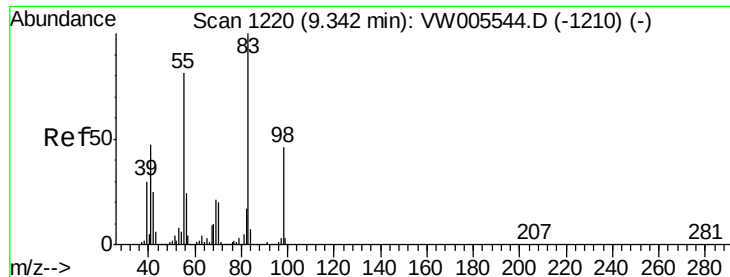
Tgt Ion: 43 Resp: 84856
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.4 15.6
 70 10.2 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 38.912 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion: 117 Resp: 191094
 Ion Ratio Lower Upper
 117 100
 119 95.7 77.6 116.4
 121 31.1 25.7 38.5

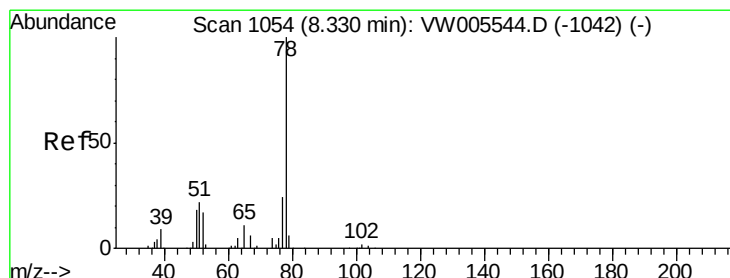
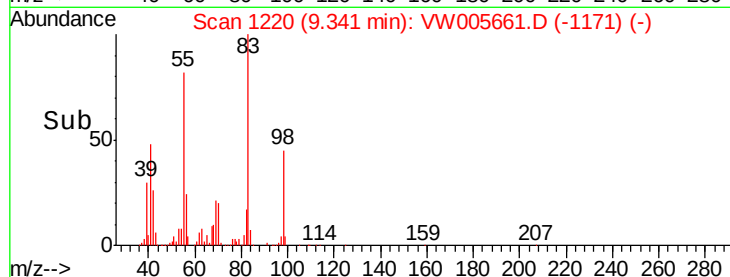
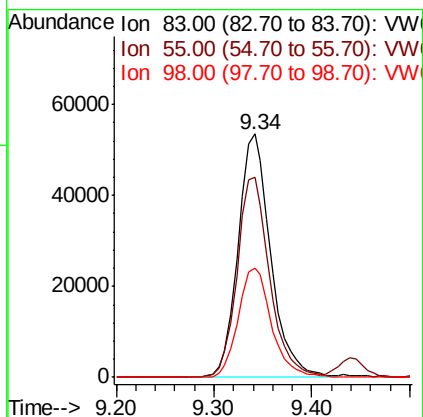
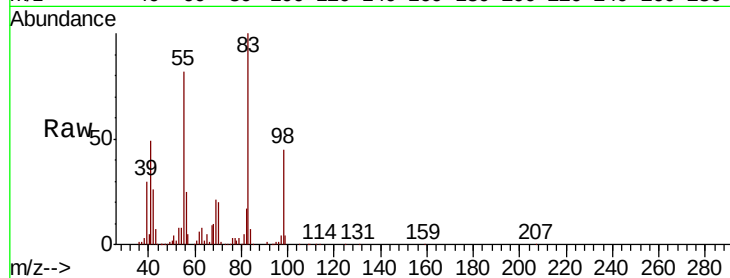




#39
Methylcyclohexane
Concen: 22.887 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

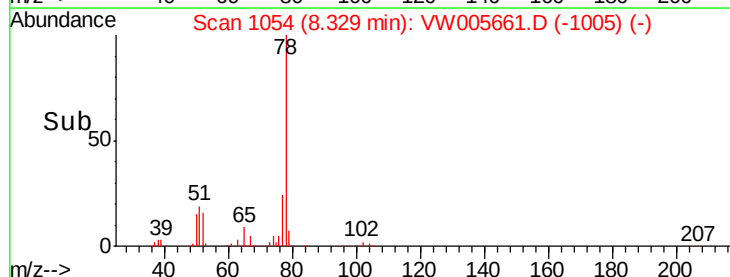
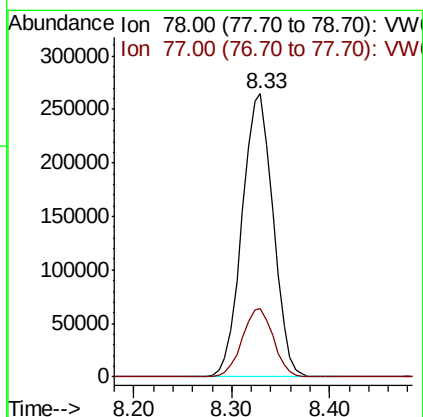
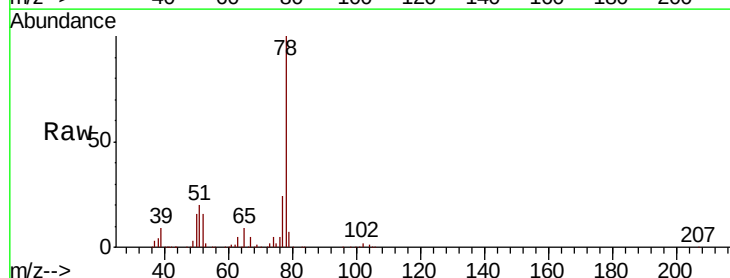
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

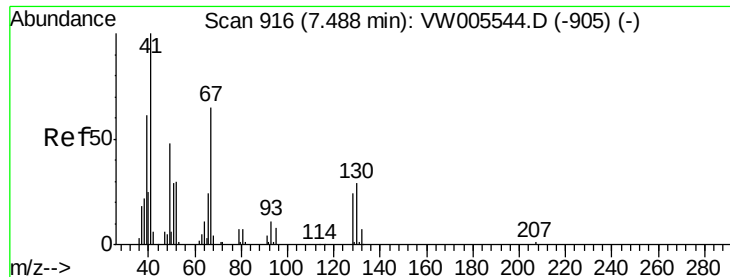
Tgt Ion: 83 Resp: 123746
Ion Ratio Lower Upper
83 100
55 81.9 64.6 97.0
98 44.8 37.0 55.6



#40
Benzene
Concen: 44.976 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 78 Resp: 584000
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

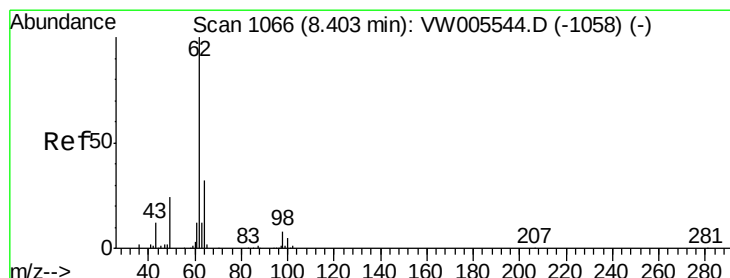
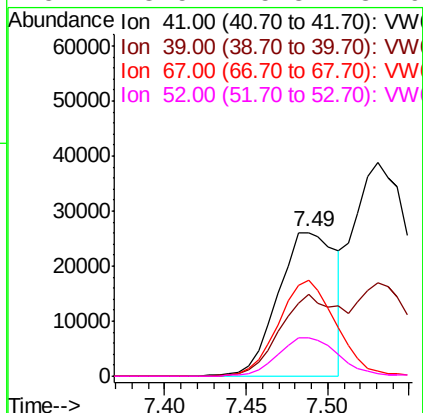
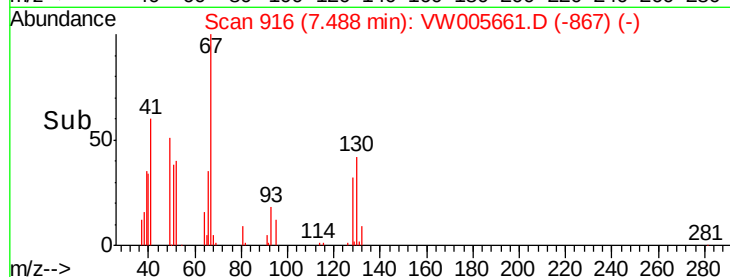
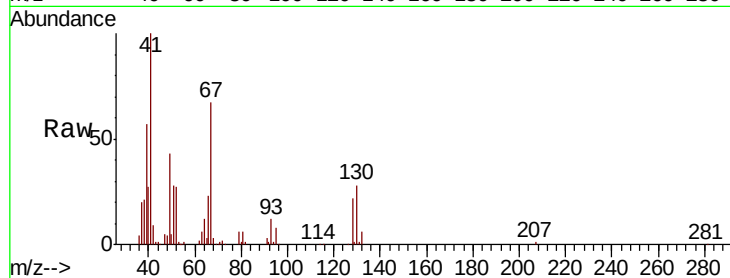




#41
Methacrylonitrile
Concen: 58.711 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

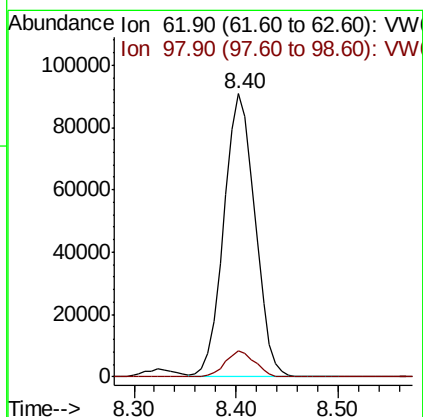
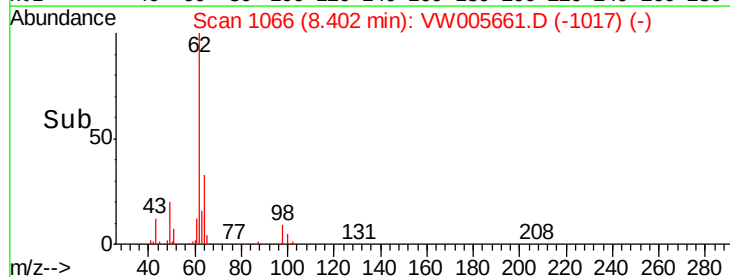
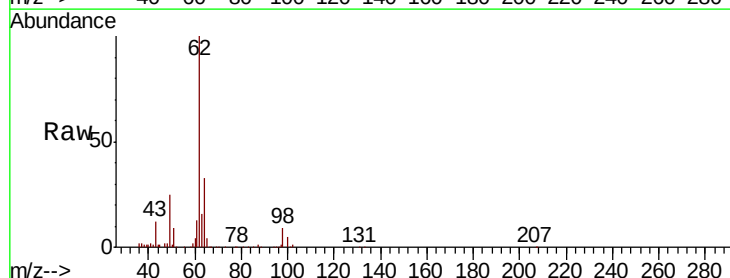
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

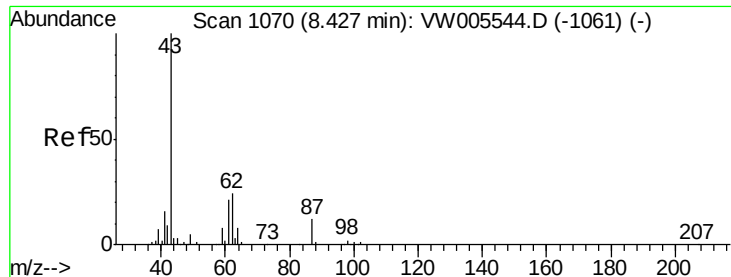
Tgt Ion:	41	Resp:	64433
Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.4	68.2
67	66.2	55.2	82.8
52	28.5	25.3	37.9



#42
1,2-Dichloroethane
Concen: 46.301 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion:	62	Resp:	192486
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 49.766 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

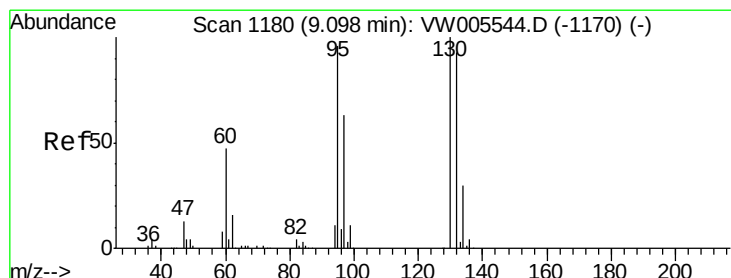
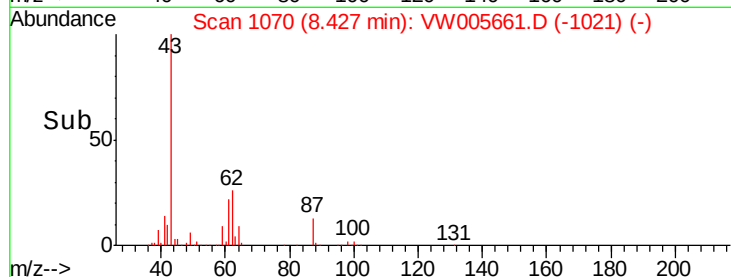
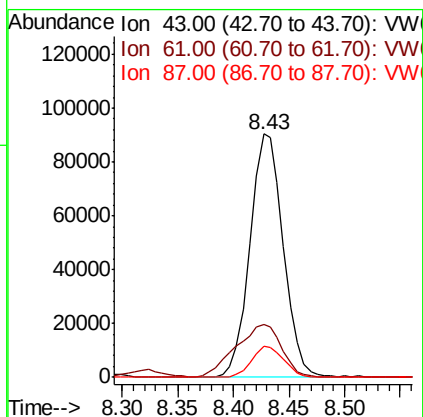
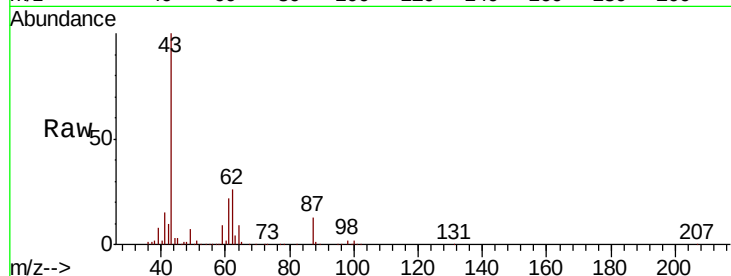
Tgt Ion: 43 Resp: 188699

Ion Ratio Lower Upper

43 100

61 29.8 24.1 36.1

87 12.4 9.8 14.8



#44

Trichloroethene

Concen: 44.473 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005661.D

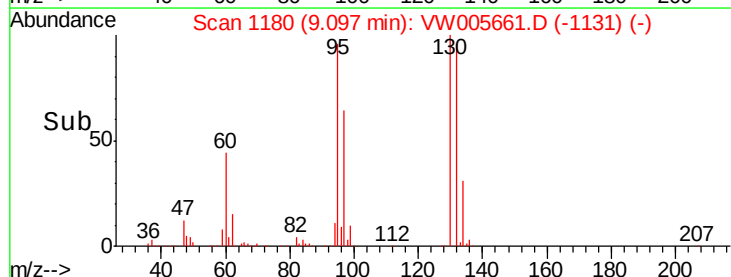
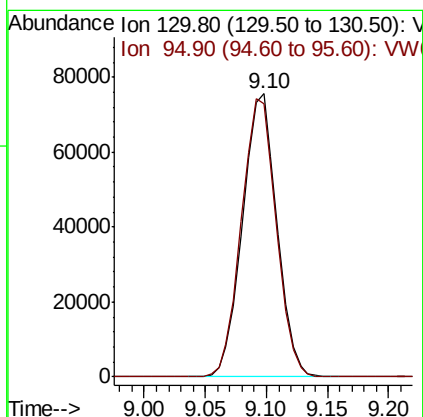
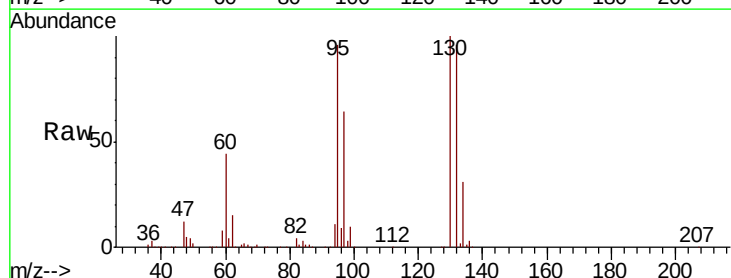
Acq: 26 Sep 2018 18:58

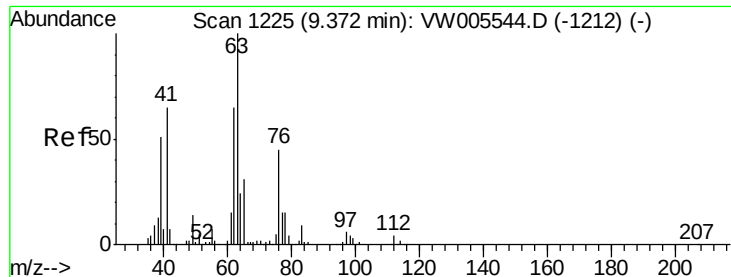
Tgt Ion: 130 Resp: 147812

Ion Ratio Lower Upper

130 100

95 96.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.136 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

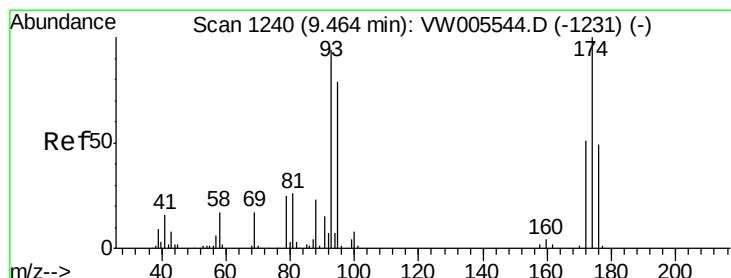
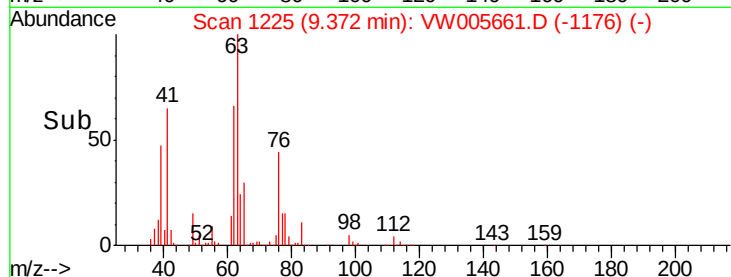
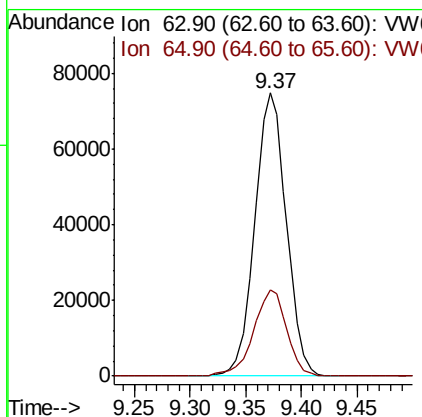
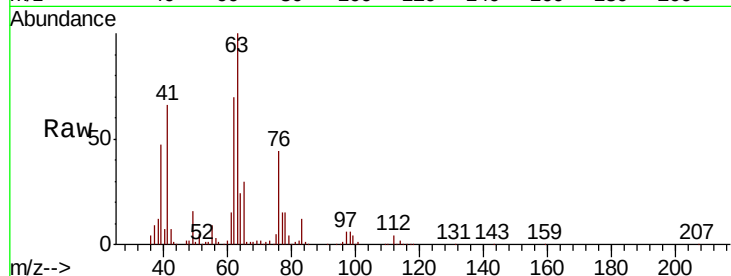
EP1-Q1-G3

Tgt Ion: 63 Resp: 147380

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 49.552 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

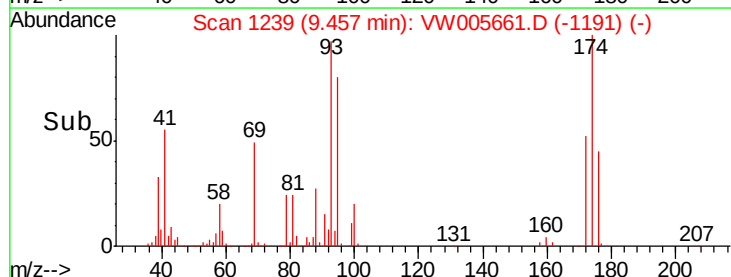
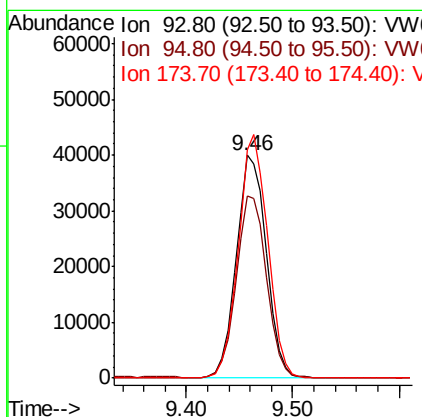
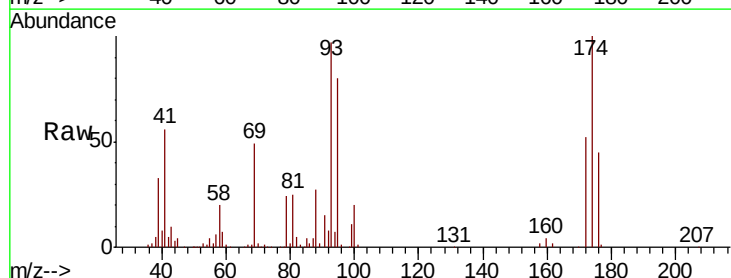
Tgt Ion: 93 Resp: 79091

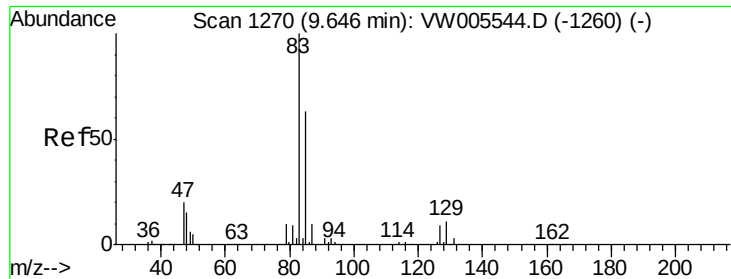
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 107.3 84.0 126.0

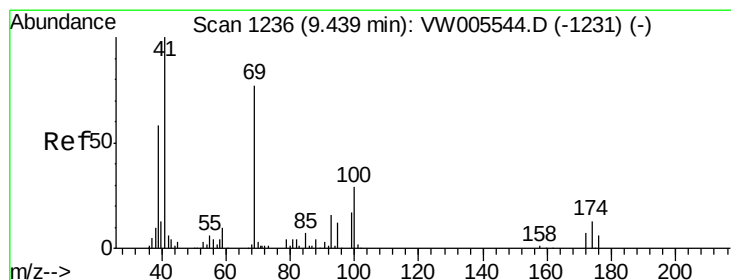
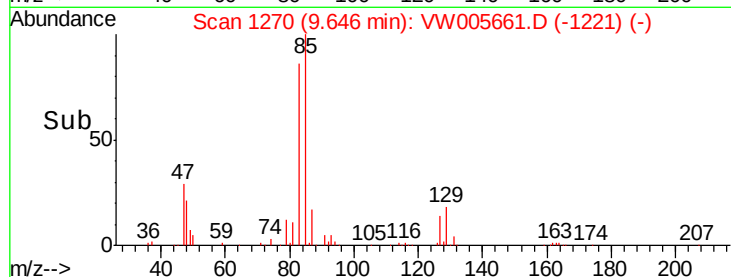
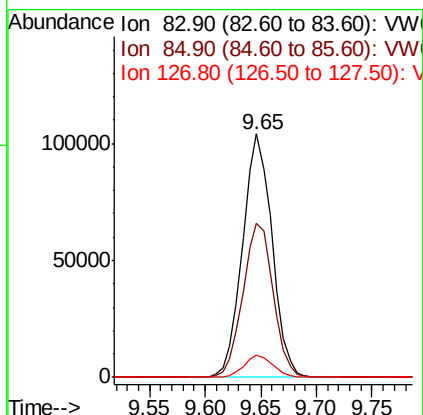
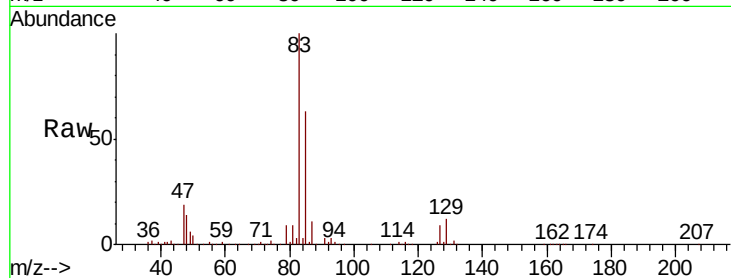




#47
 Bromodichloromethane
 Concen: 44.531 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

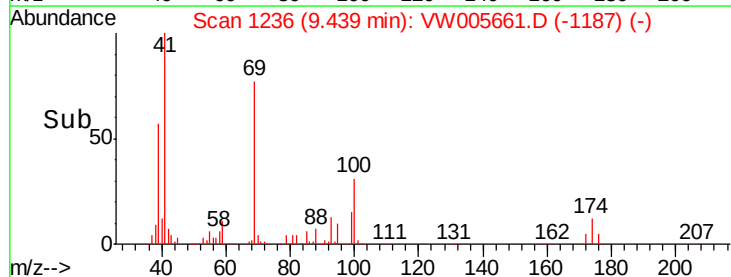
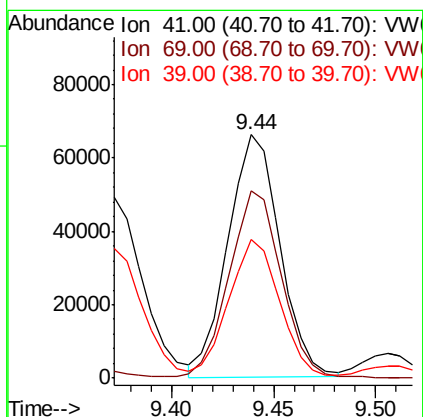
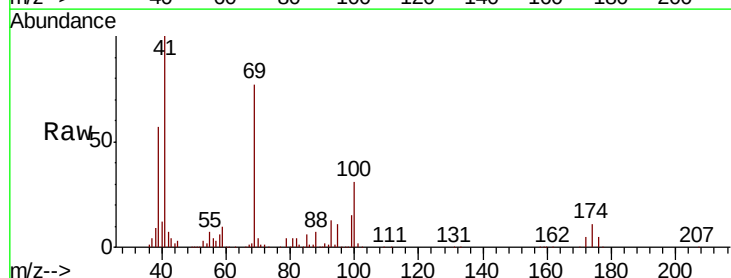
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

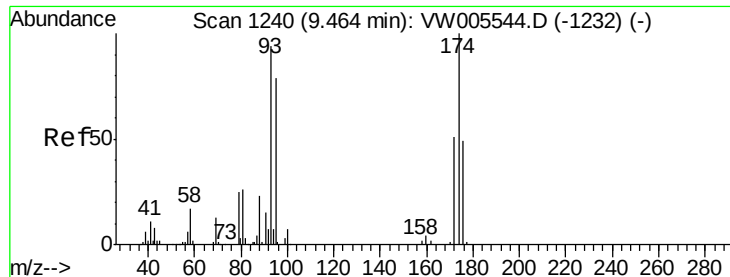
Tgt Ion: 83 Resp: 190935
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.5 75.7
 127 8.9 7.0 10.6



#48
 Methyl methacrylate
 Concen: 64.961 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion: 41 Resp: 116992
 Ion Ratio Lower Upper
 41 100
 69 77.4 64.7 97.1
 39 56.4 50.5 75.7





#49

1,4-Dioxane

Concen: 1018.147 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

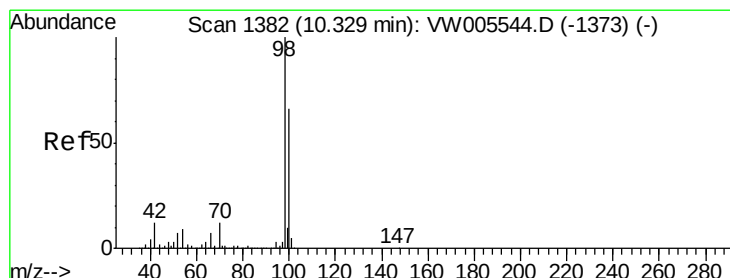
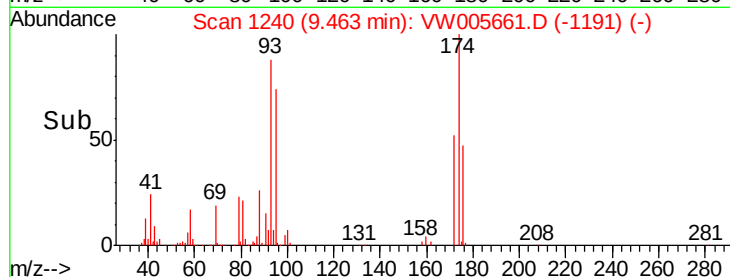
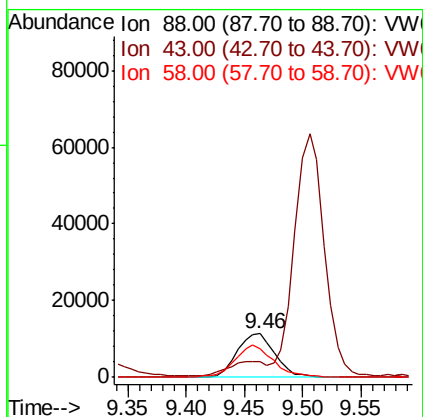
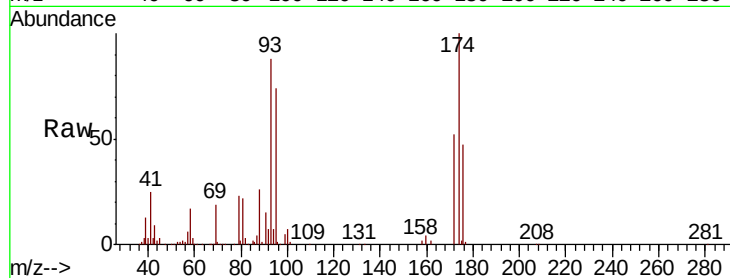
Tgt Ion: 88 Resp: 25837

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 75.9 61.2 91.8



#50

Toluene-d8

Concen: 38.634 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005661.D

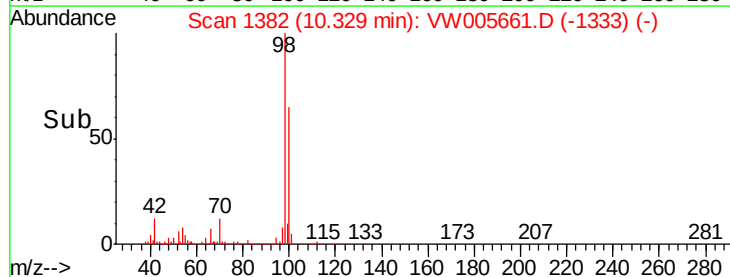
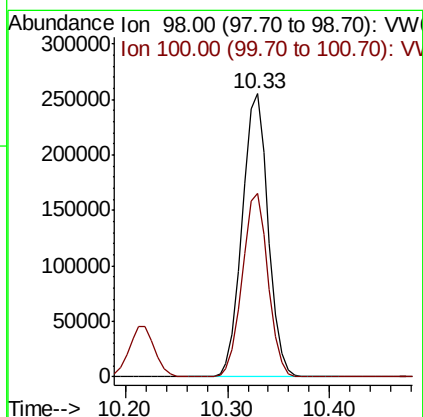
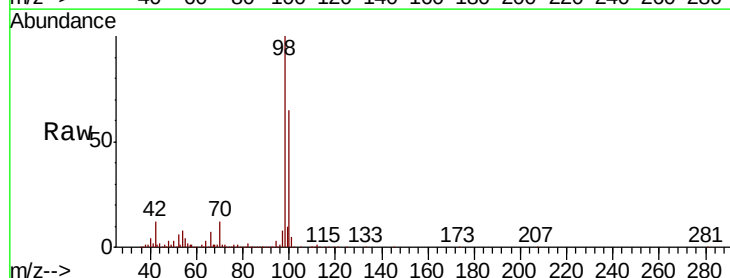
Acq: 26 Sep 2018 18:58

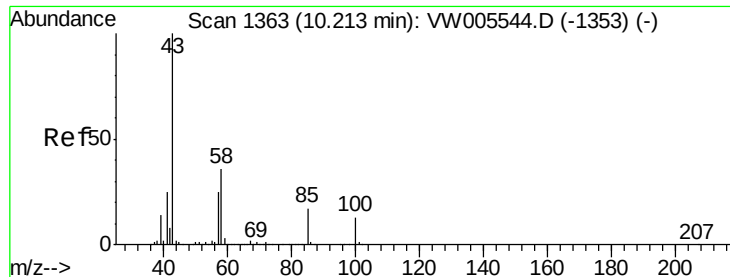
Tgt Ion: 98 Resp: 450357

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

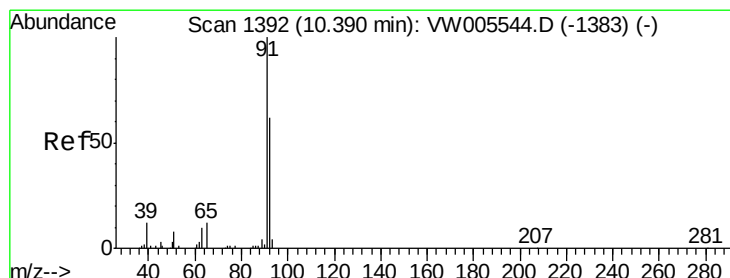
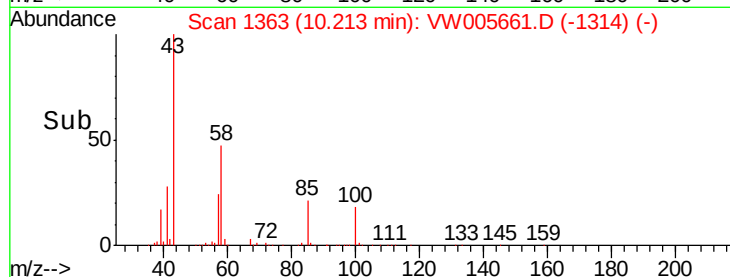
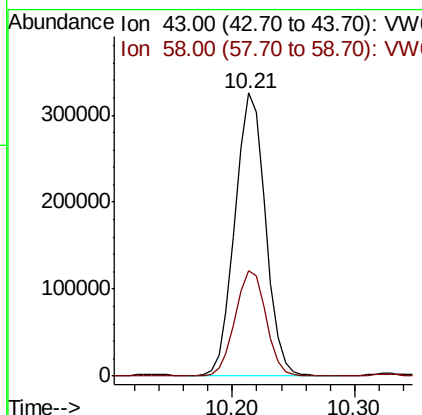
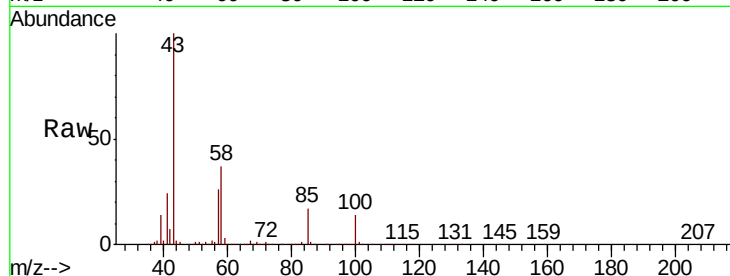




#51
 4-Methyl-2-Pentanone
 Concen: 293.205 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

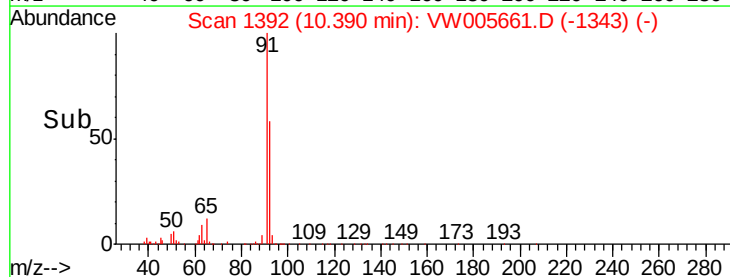
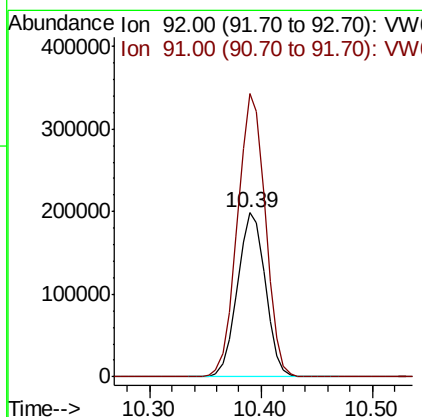
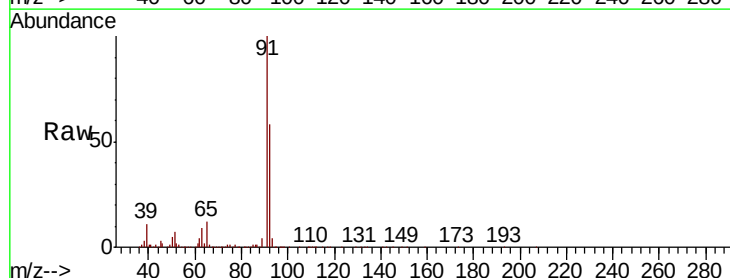
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

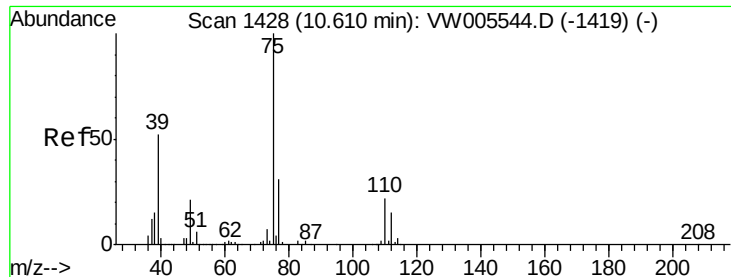
Tgt Ion: 43 Resp: 559948
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.0 45.0



#52
 Toluene
 Concen: 42.458 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion: 92 Resp: 343991
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 48.823 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

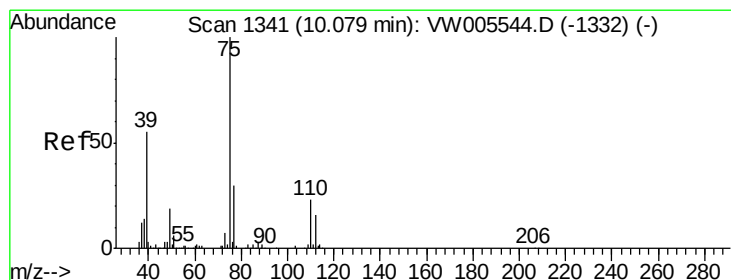
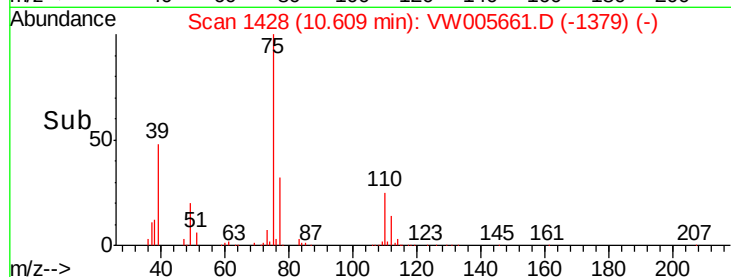
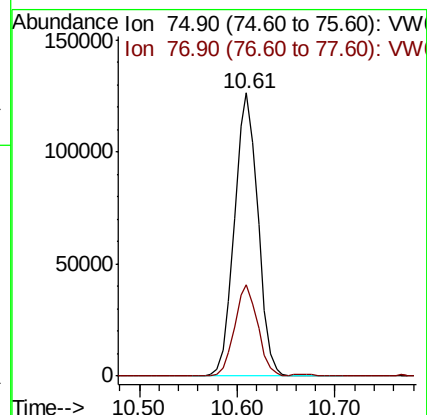
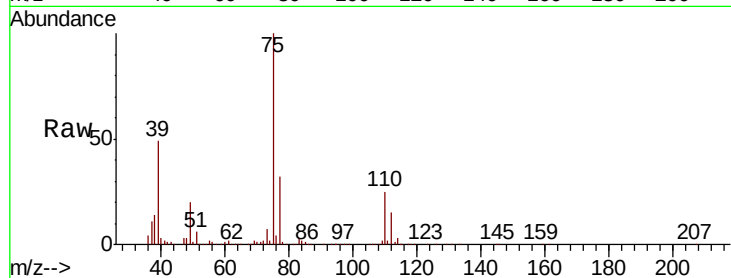
EP1-Q1-G3

Tgt Ion: 75 Resp: 209857

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 47.739 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

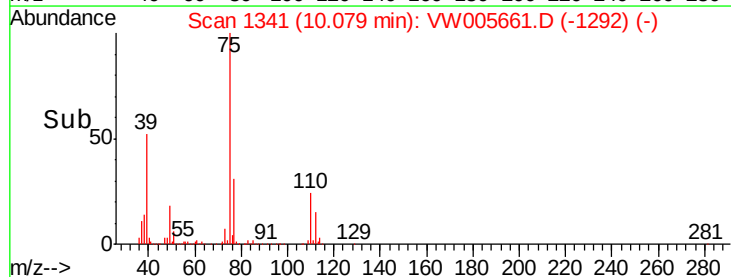
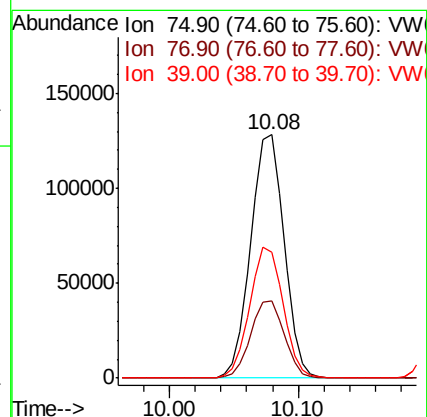
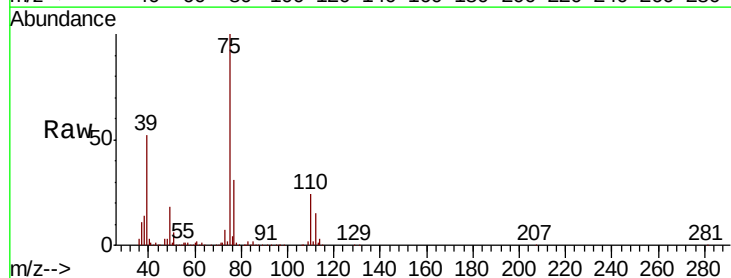
Tgt Ion: 75 Resp: 229907

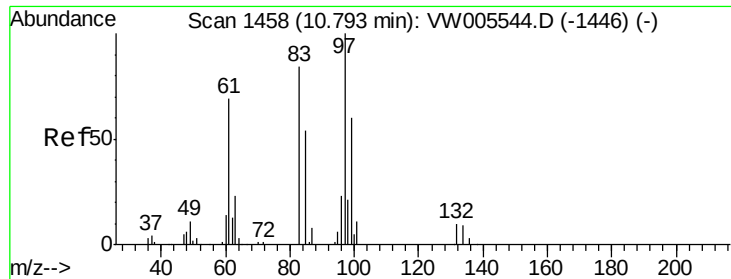
Ion Ratio Lower Upper

75 100

77 31.5 24.3 36.5

39 51.9 43.7 65.5

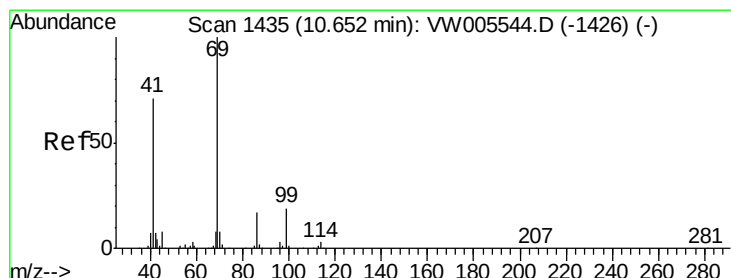
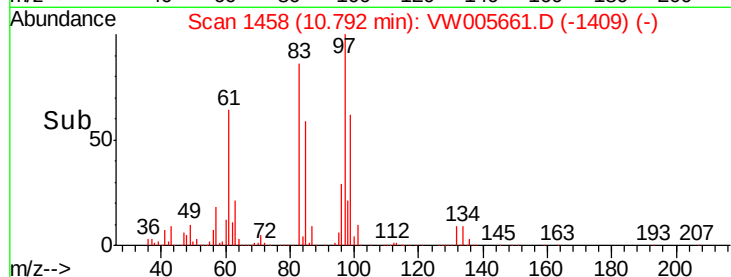
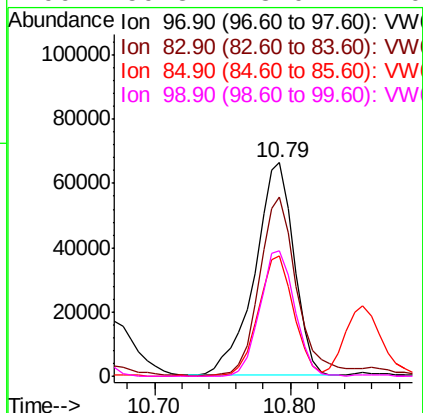
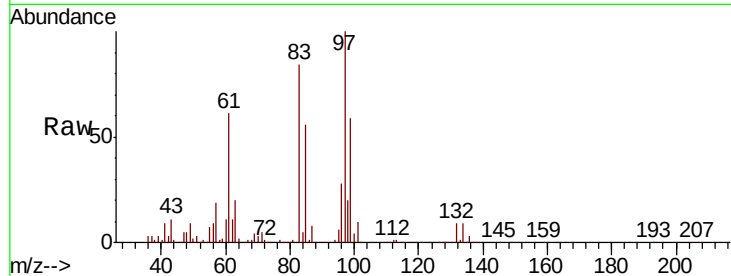




#55
 1,1,2-Trichloroethane
 Concen: 59.084 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

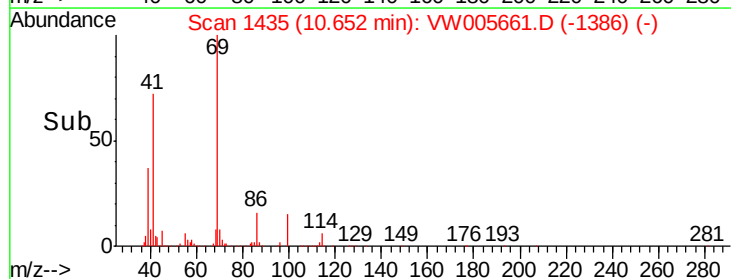
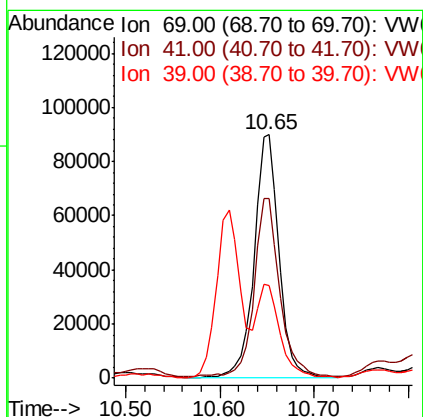
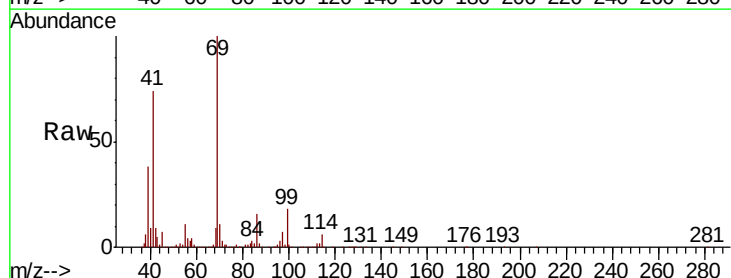
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

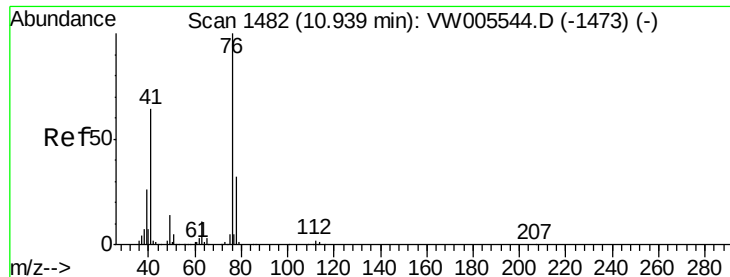
Tgt Ion:	97	Resp:	133866
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	56.1	43.3	64.9
99	59.3	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 59.476 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion:	69	Resp:	166347
Ion	Ratio	Lower	Upper
69	100		
41	76.0	57.3	85.9
39	34.0	29.2	43.8





#57

1,3-Dichloropropane

Concen: 49.699 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

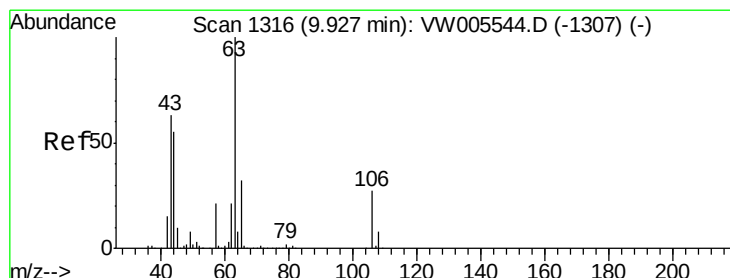
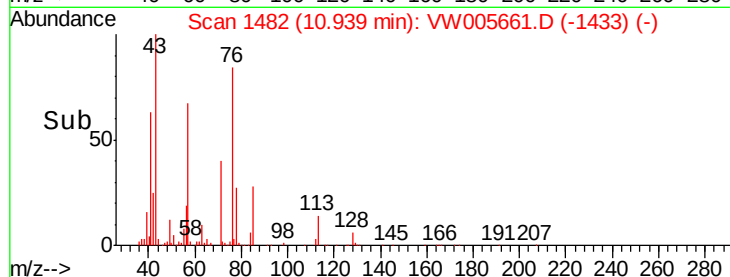
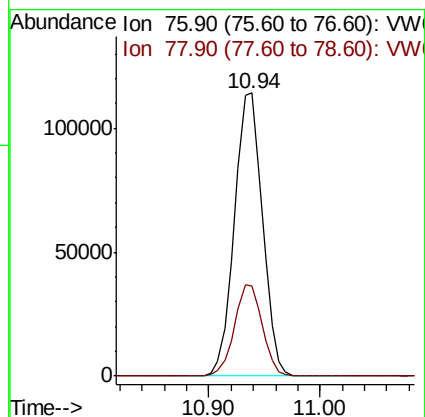
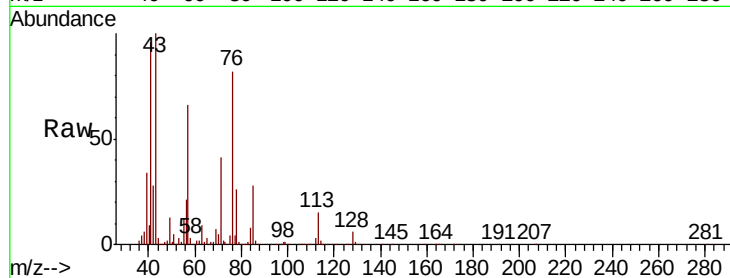
EP1-Q1-G3

Tgt Ion: 76 Resp: 199567

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 262.428 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005661.D

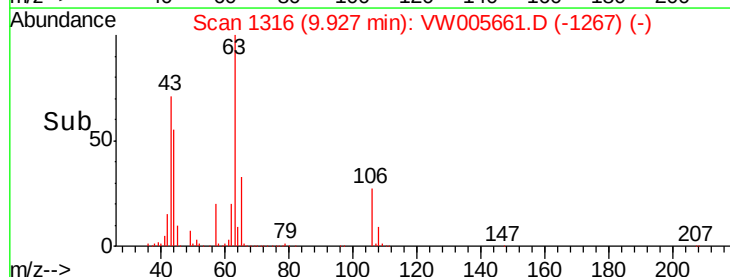
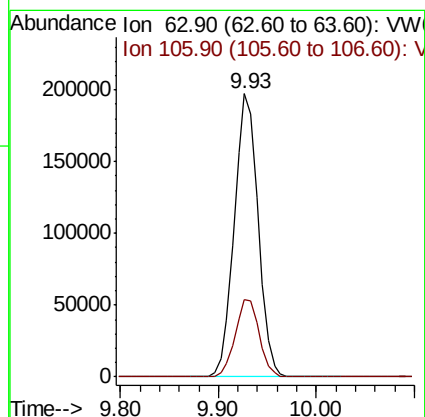
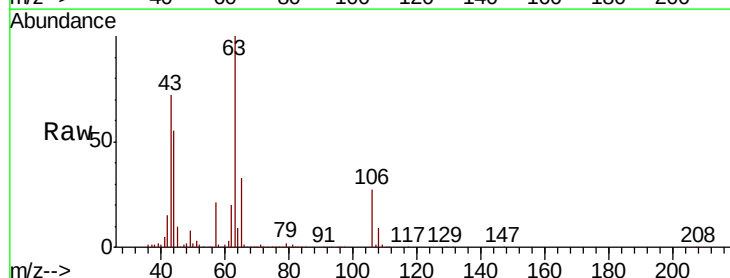
Acq: 26 Sep 2018 18:58

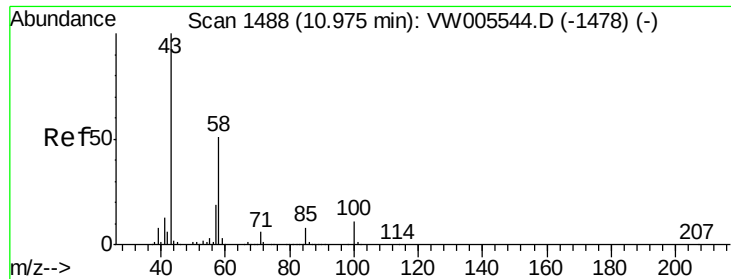
Tgt Ion: 63 Resp: 332717

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4

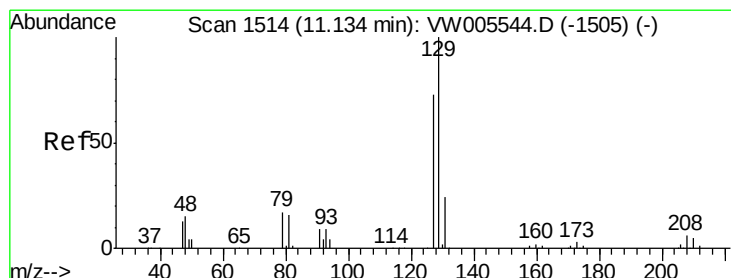
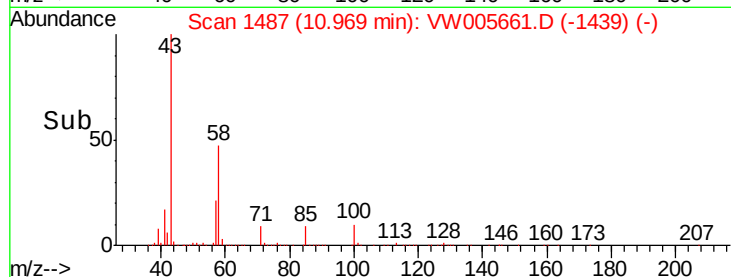
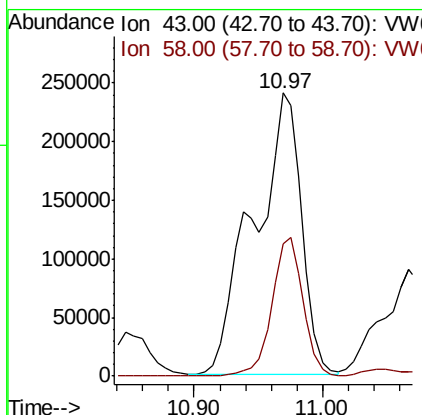
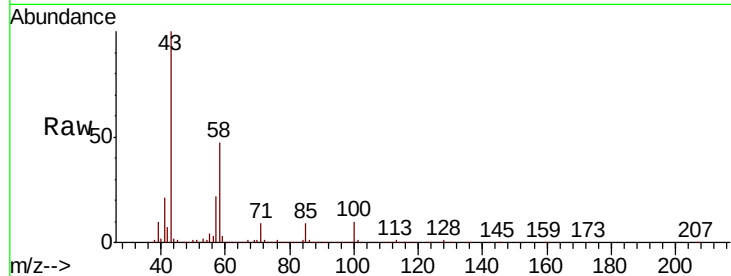




#59
2-Hexanone
Concen: 479.503 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

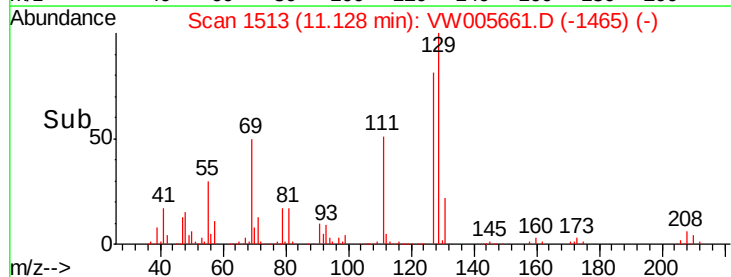
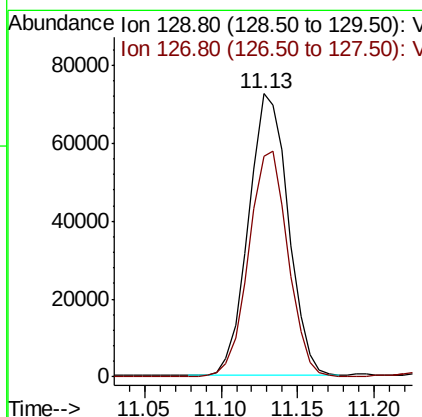
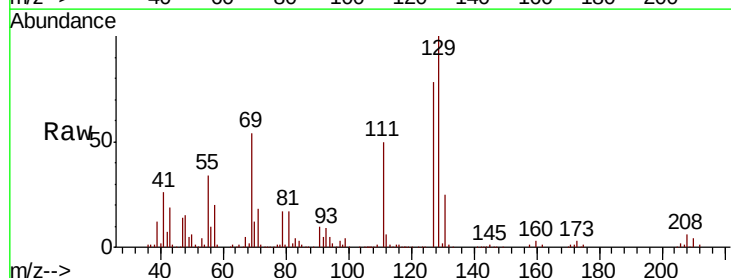
Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

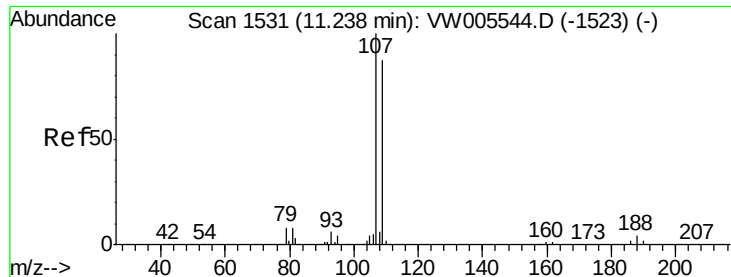
Tgt Ion: 43 Resp: 622080
Ion Ratio Lower Upper
43 100
58 32.2 25.3 75.9



#60
Dibromochloromethane
Concen: 47.780 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 129 Resp: 130800
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.432 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

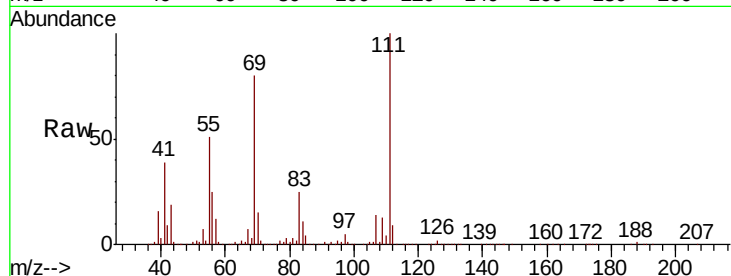
EP1-Q1-G3

Tgt Ion: 107 Resp: 110760

Ion Ratio Lower Upper

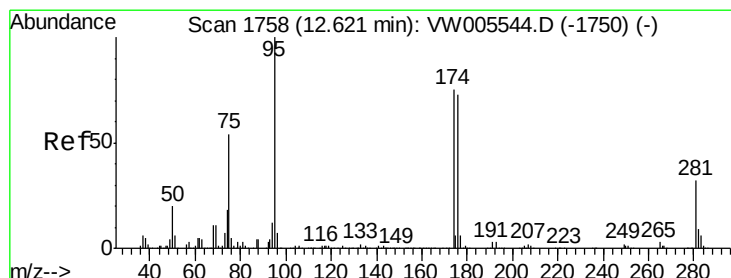
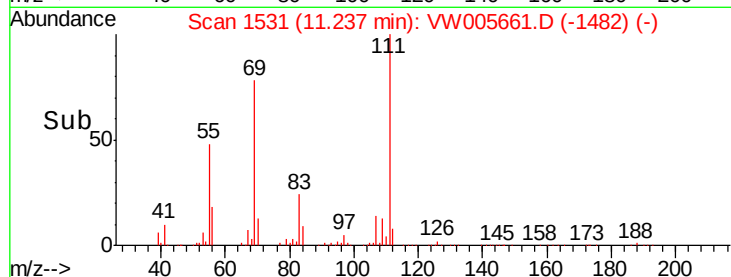
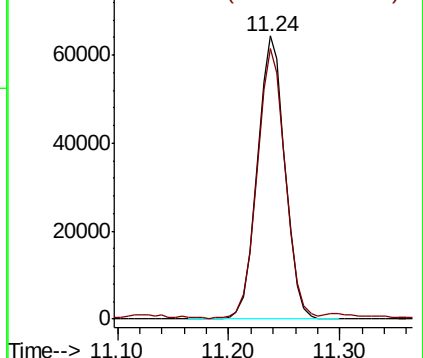
107 100

109 96.7 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 113.882 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

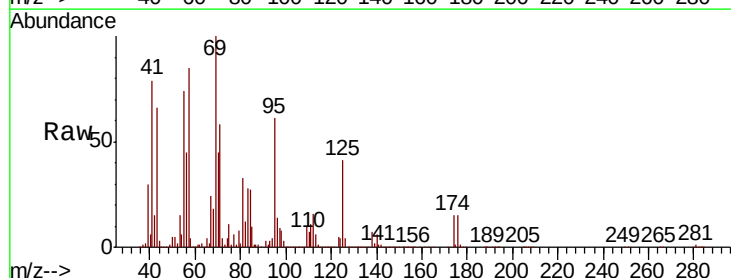
Tgt Ion: 95 Resp: 491216

Ion Ratio Lower Upper

95 100

174 25.5 0.0 163.8

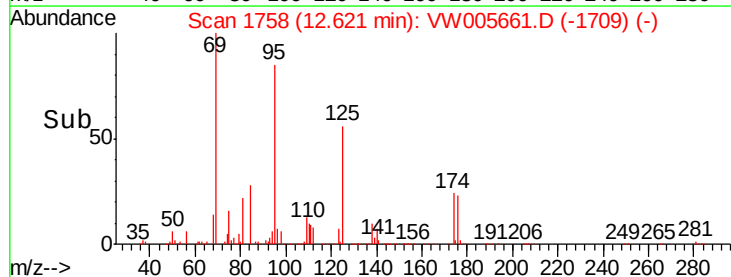
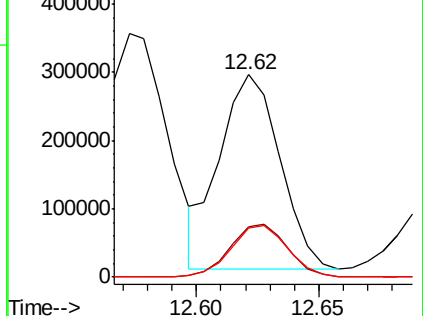
176 25.0 0.0 158.0

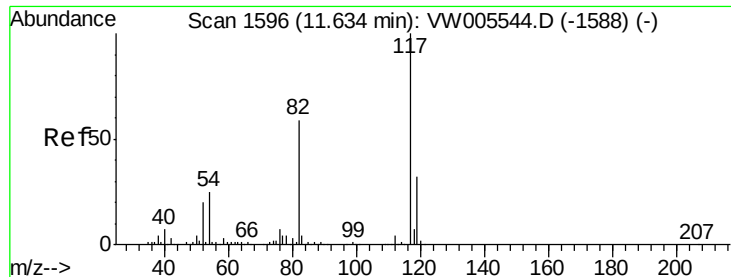


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

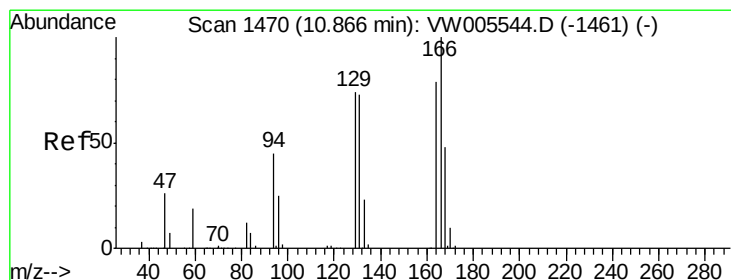
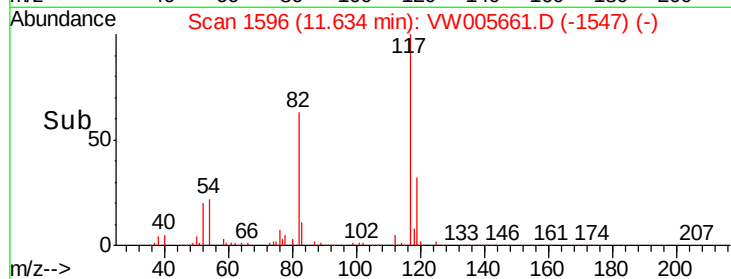
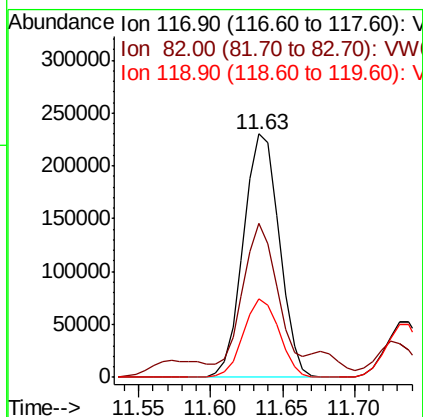
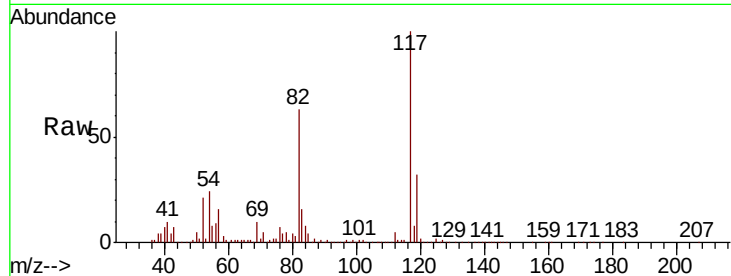




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

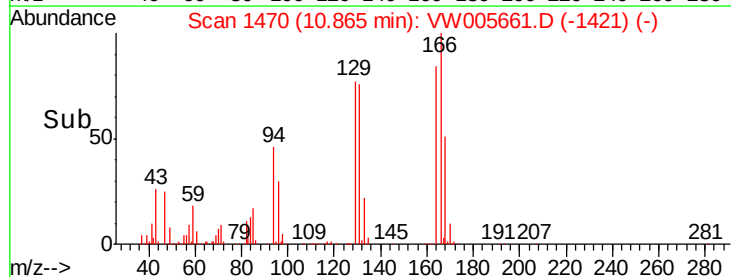
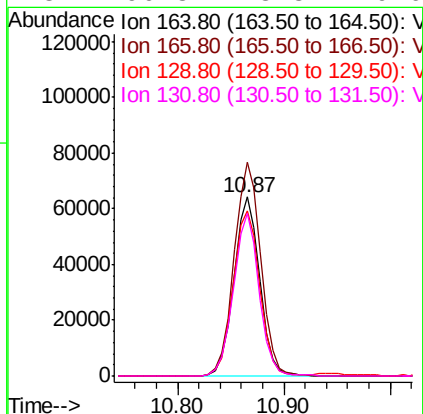
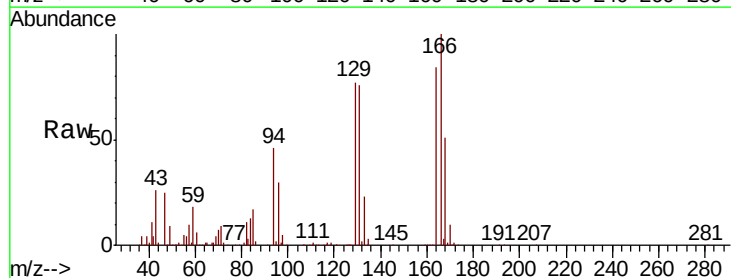
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

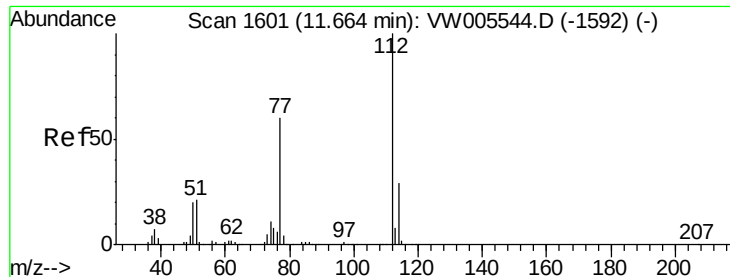
Tgt Ion:117 Resp: 397624
Ion Ratio Lower Upper
117 100
82 57.1 46.9 70.3
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 38.758 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion:164 Resp: 109379
Ion Ratio Lower Upper
164 100
166 119.4 101.1 151.7
129 92.2 74.4 111.6
131 90.8 73.8 110.6

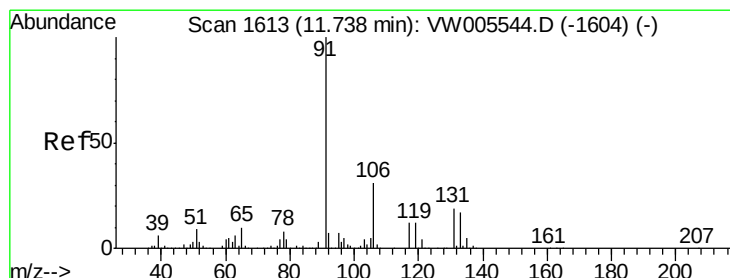
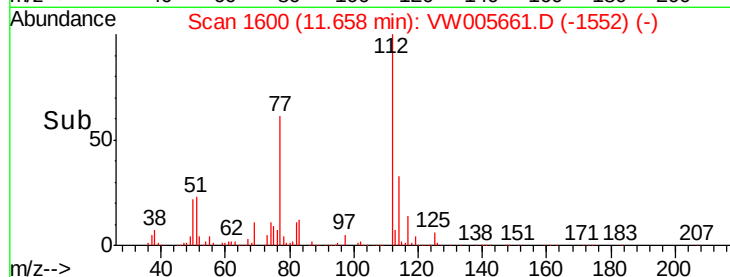
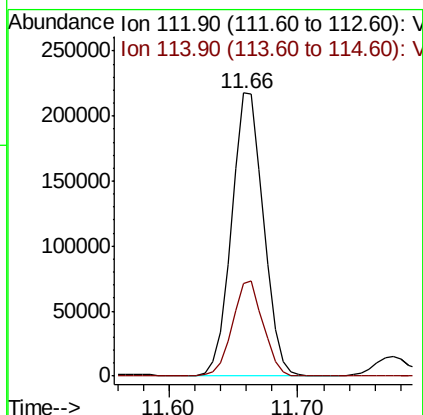
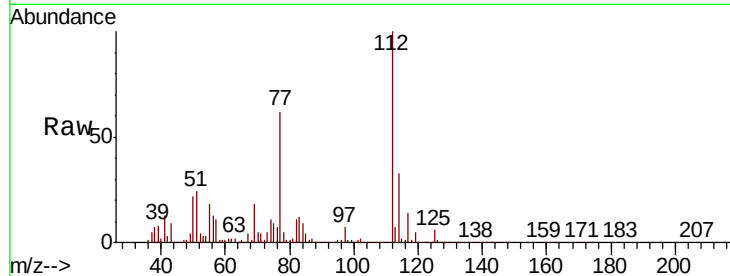




#65
Chlorobenzene
Concen: 44.245 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

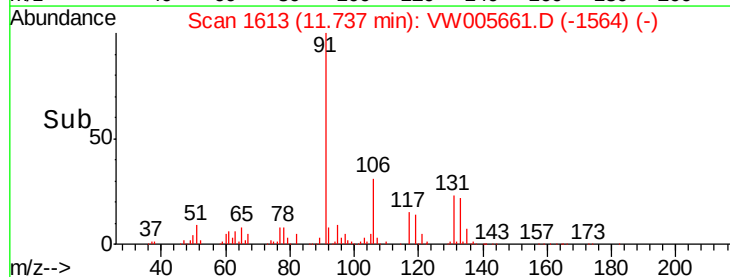
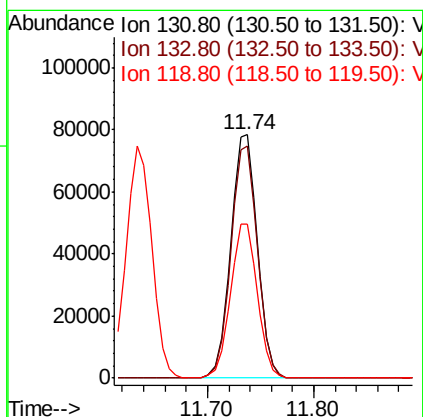
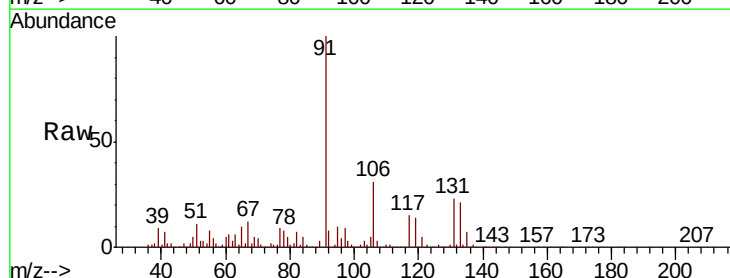
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

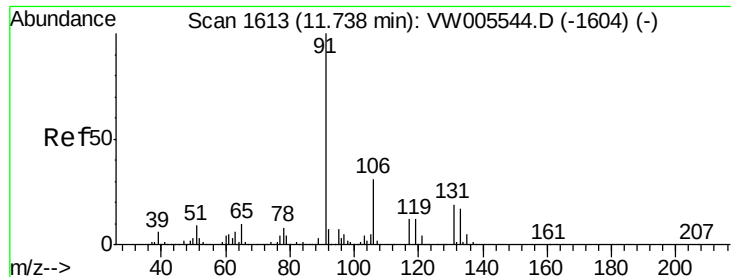
Tgt Ion:112 Resp: 373477
Ion Ratio Lower Upper
112 100
114 32.5 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.070 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion:131 Resp: 136925
Ion Ratio Lower Upper
131 100
133 95.7 47.2 141.6
119 63.8 31.1 93.2

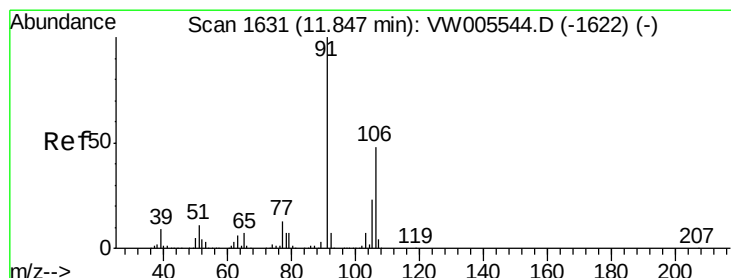
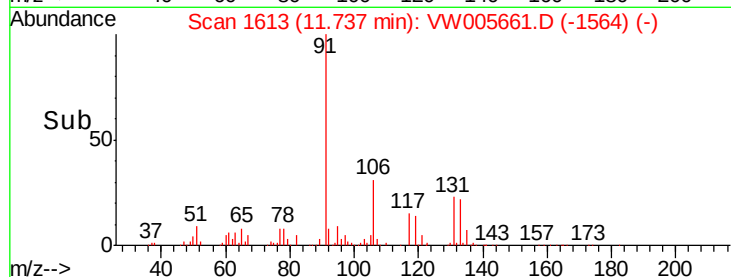
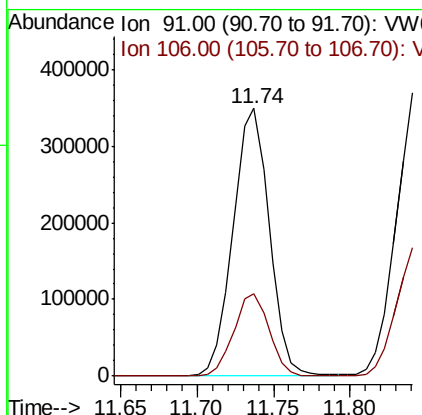
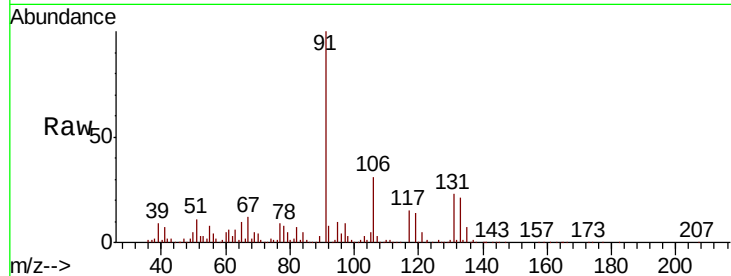




#67
Ethyl Benzene
Concen: 37.992 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

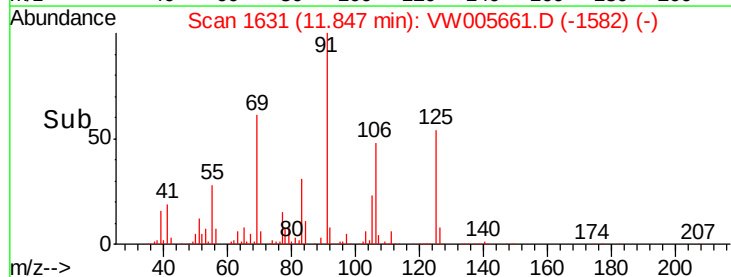
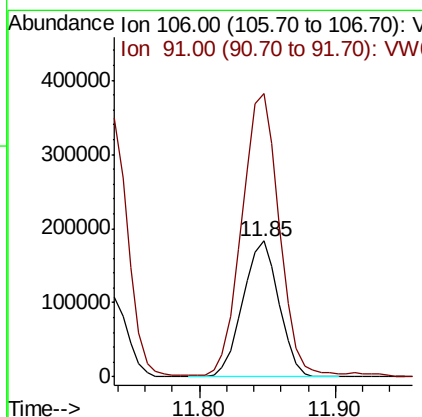
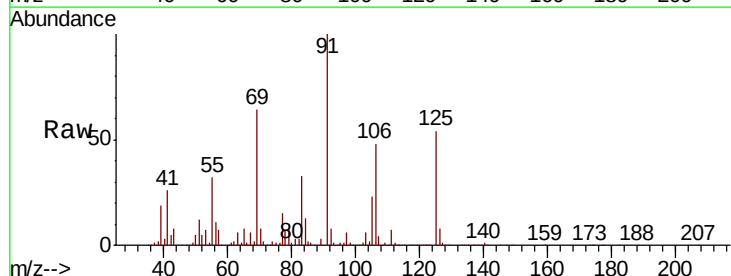
Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

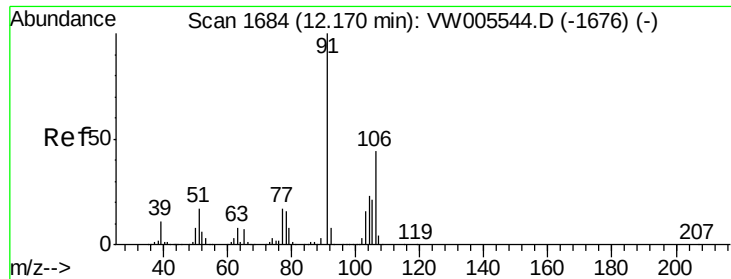
Tgt Ion: 91 Resp: 569232
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#68
m/p-Xylenes
Concen: 59.989 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 106 Resp: 339574
Ion Ratio Lower Upper
106 100
91 215.0 167.8 251.8

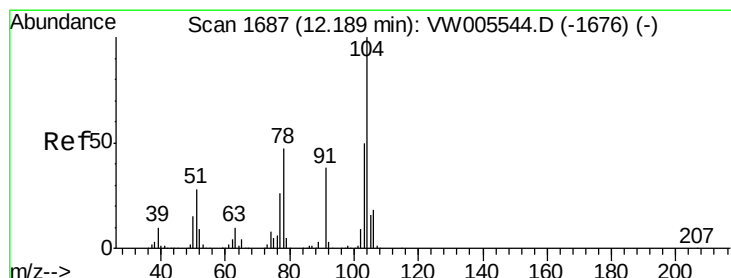
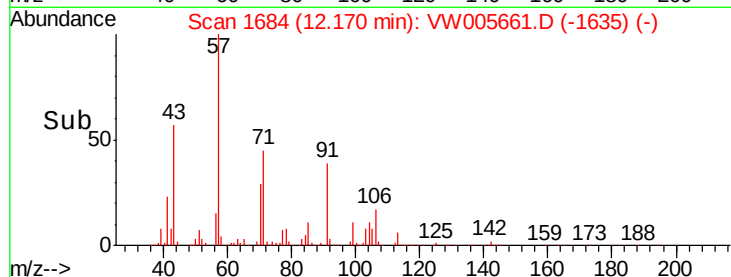
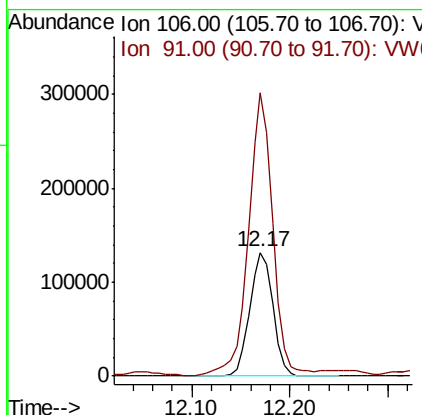
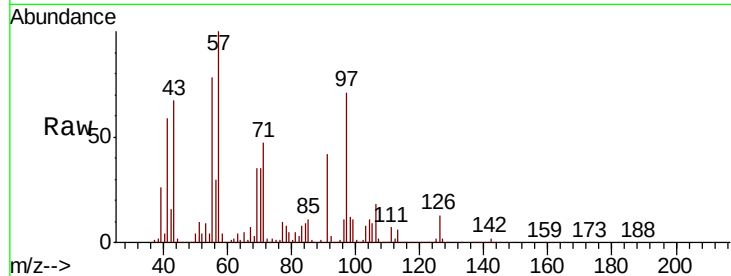




#69
o-Xylene
Concen: 40.749 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

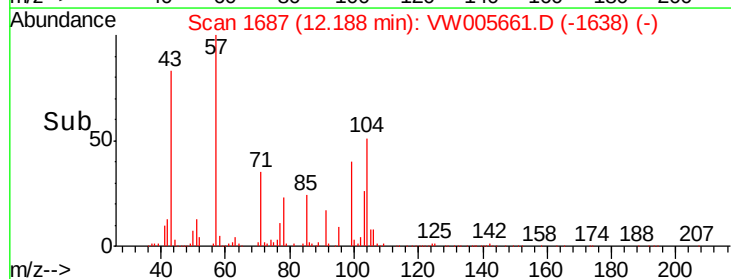
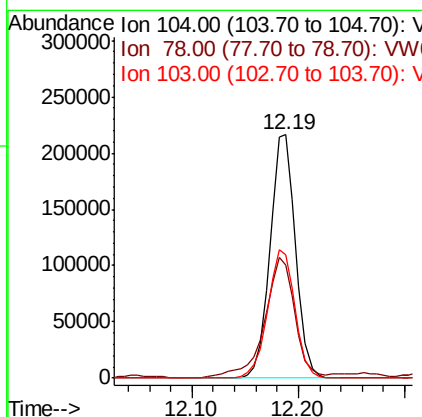
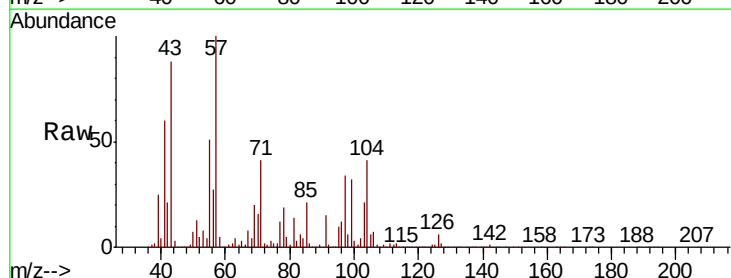
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

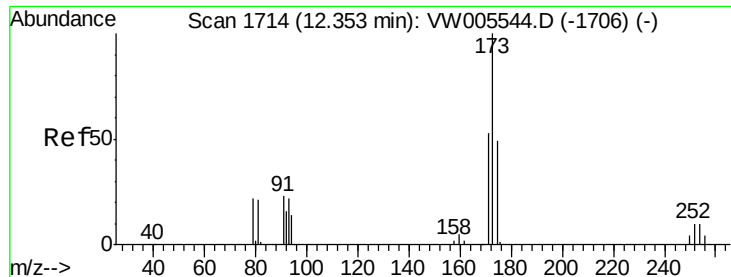
Tgt Ion:106 Resp: 216025
Ion Ratio Lower Upper
106 100
91 237.9 111.0 333.0



#70
Styrene
Concen: 40.313 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion:104 Resp: 359655
Ion Ratio Lower Upper
104 100
78 58.7 42.2 63.4
103 56.7 44.6 66.8





#71

Bromoform

Concen: 49.464 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

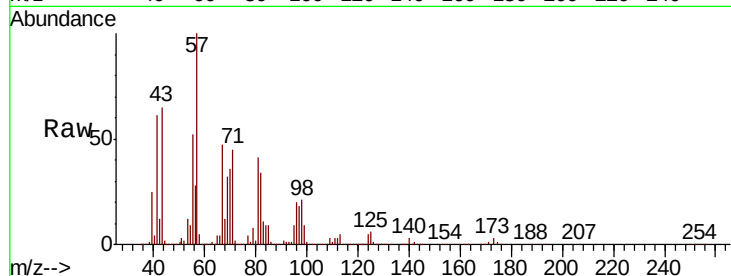
Tgt Ion:173 Resp: 79766

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

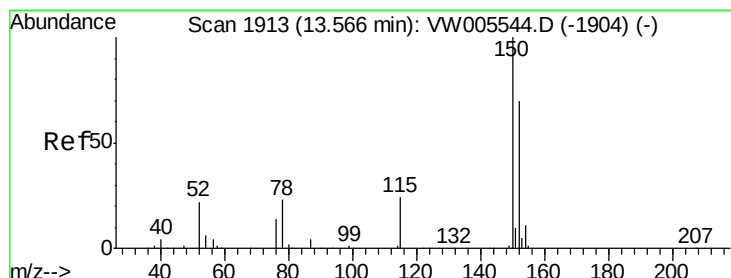
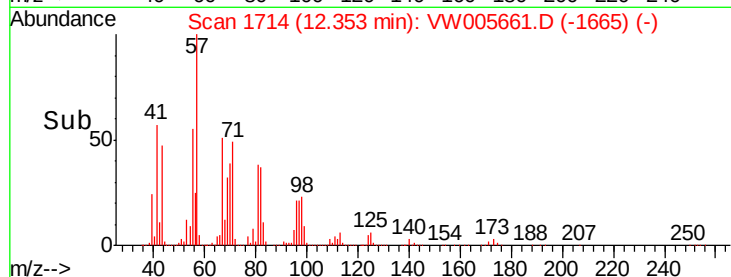
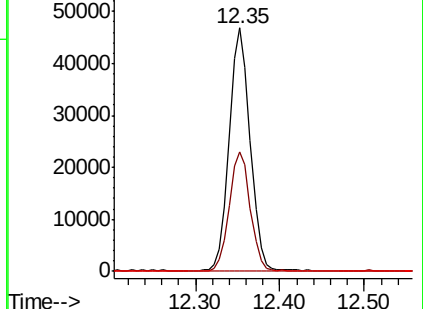
254 0.1 0.1 0.1



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: VW005661.D

Acq: 26 Sep 2018 18:58

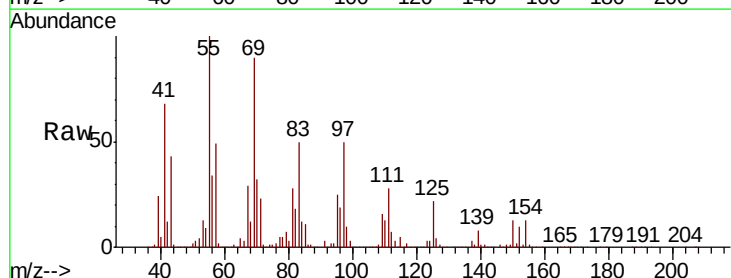
Tgt Ion:152 Resp: 371058

Ion Ratio Lower Upper

152 100

115 26.6 30.0 90.0#

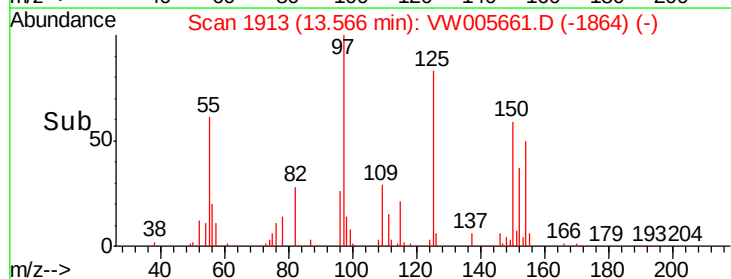
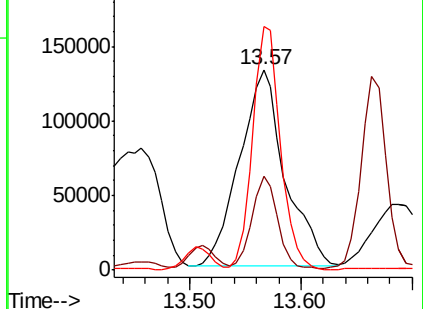
150 76.5 0.0 348.6

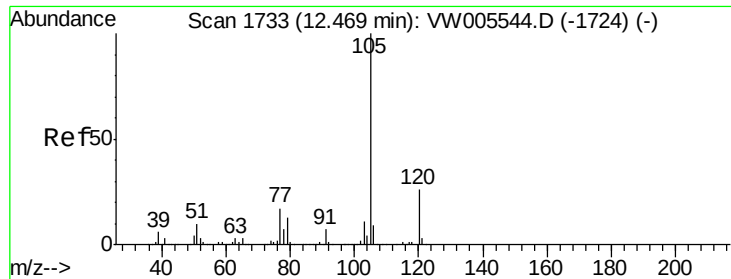


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.616 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

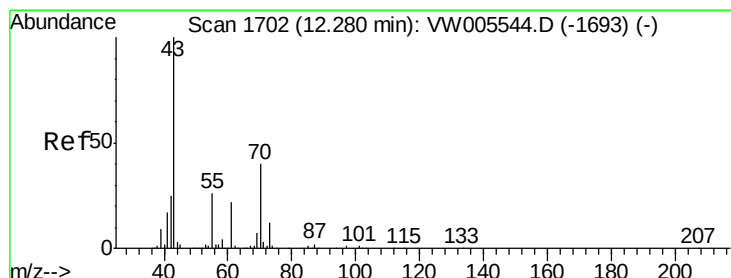
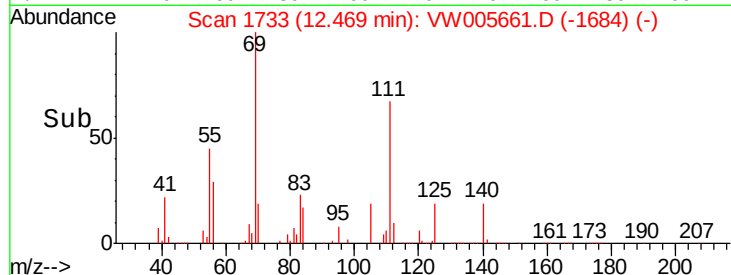
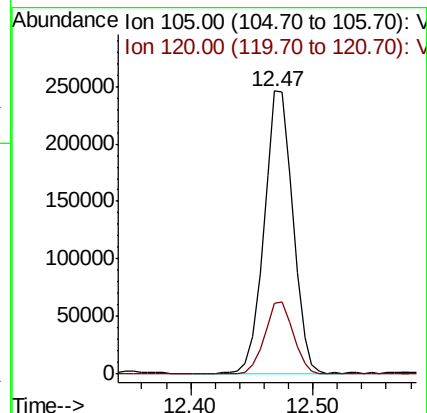
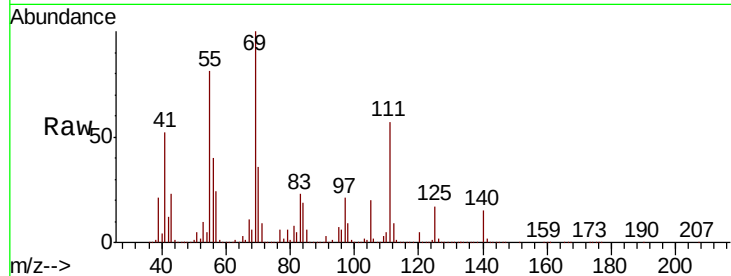
EP1-Q1-G3

Tgt Ion:105 Resp: 401823

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.7



#74

N-ethyl acetate

Concen: 867.891 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Tgt Ion: 43 Resp: 5056941

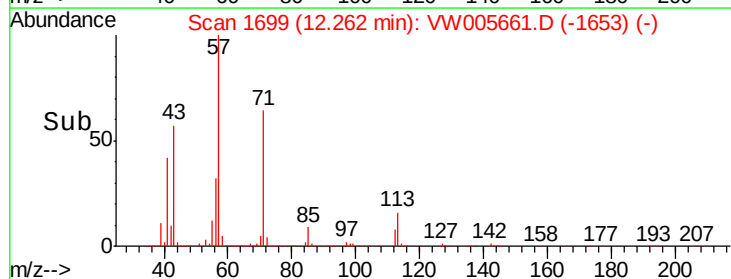
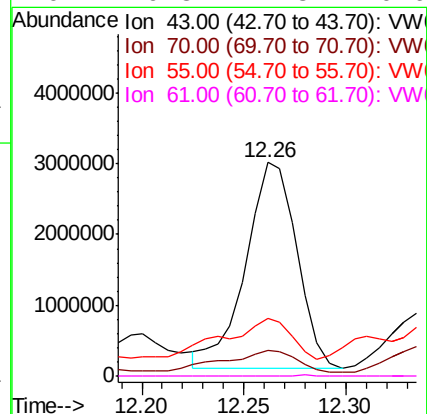
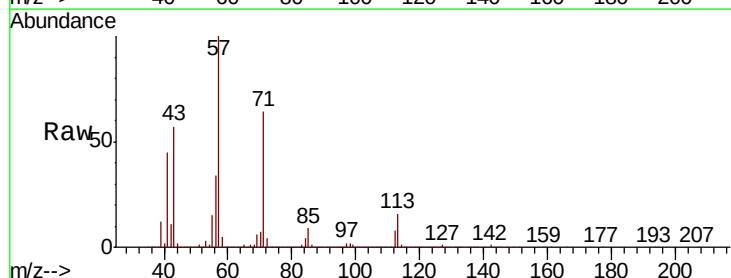
Ion Ratio Lower Upper

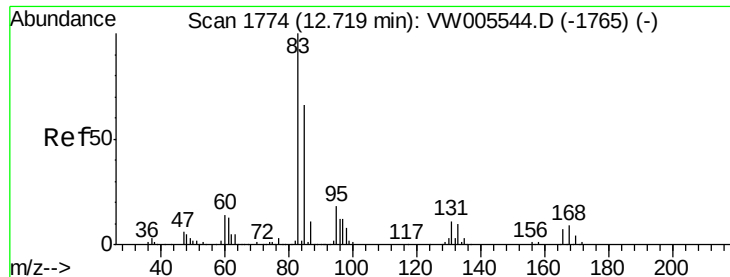
43 100

70 15.7 31.4 47.0#

55 25.7 20.9 31.3

61 0.3 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 160.947 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

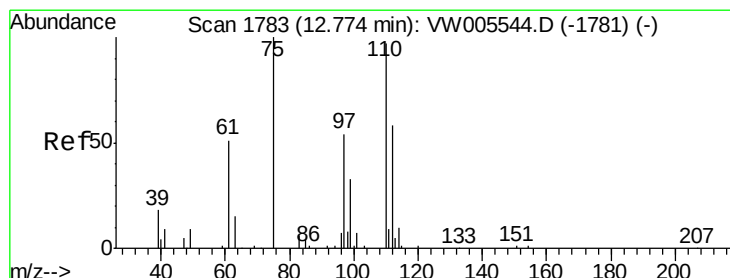
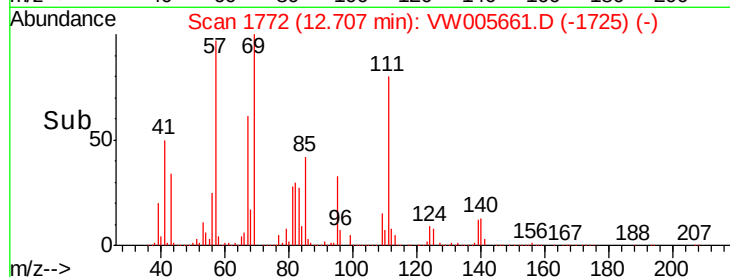
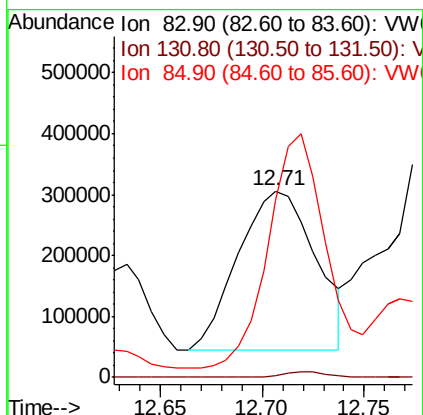
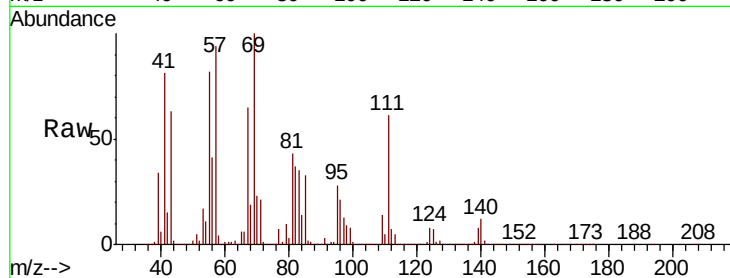
Tgt Ion: 83 Resp: 687908

Ion Ratio Lower Upper

83 100

131 2.2 5.5 16.7#

85 110.1 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 59.844 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005661.D

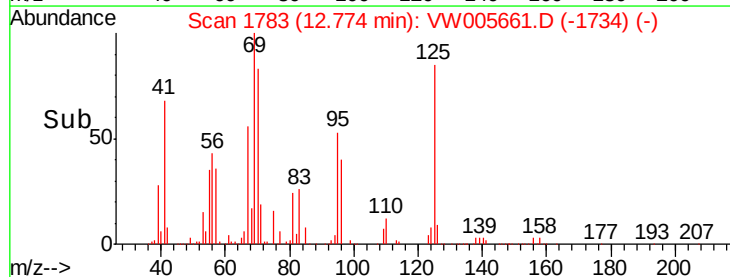
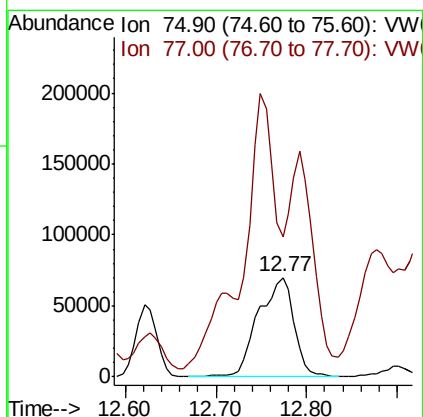
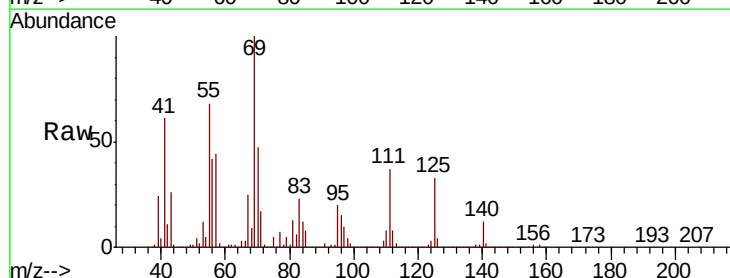
Acq: 26 Sep 2018 18:58

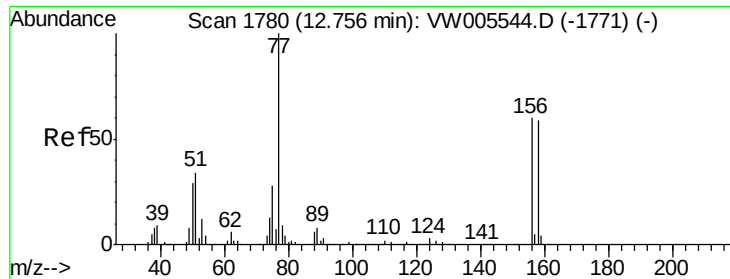
Tgt Ion: 75 Resp: 189288

Ion Ratio Lower Upper

75 100

77 133.7 0.0 0.0#

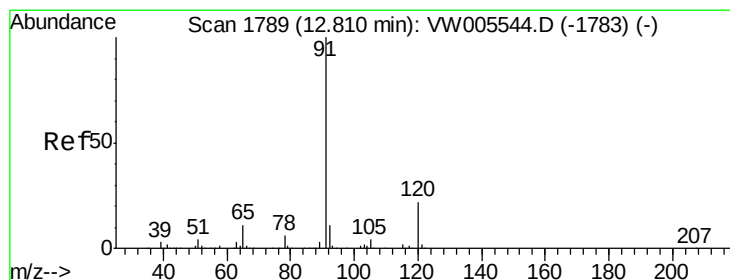
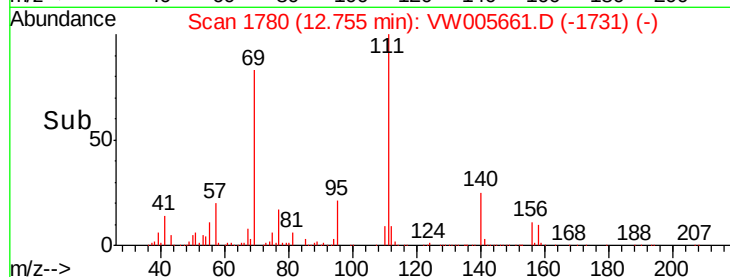
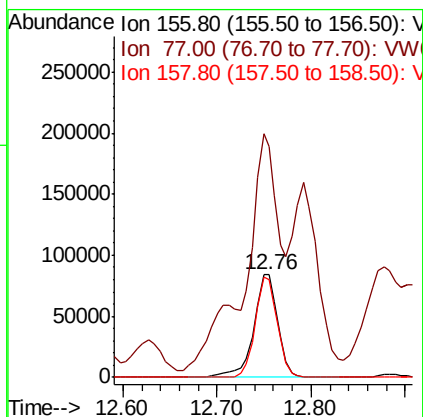
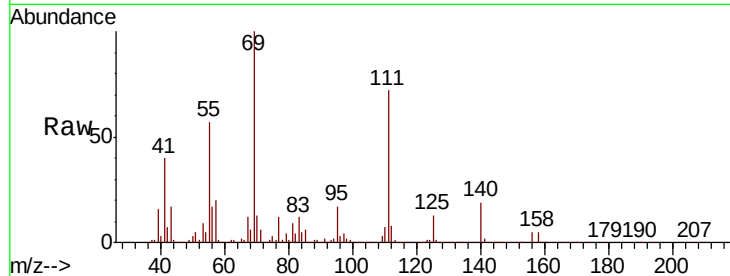




#77
Bromobenzene
Concen: 25.101 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

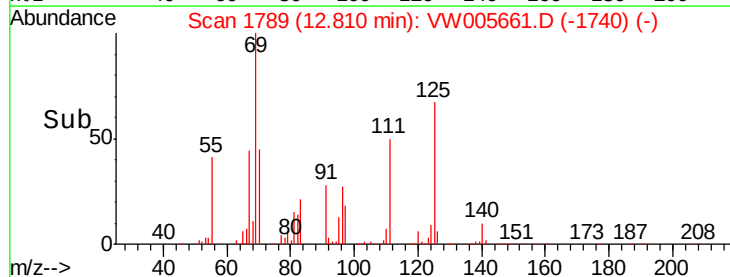
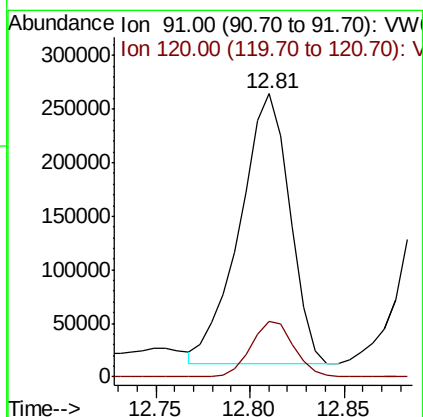
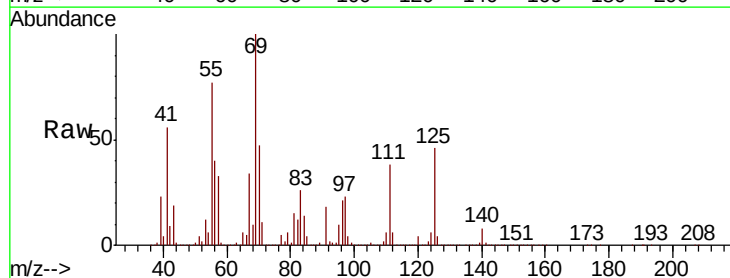
Instrument :
MSVOA_W
ClientSampled :
EP1-Q1-G3

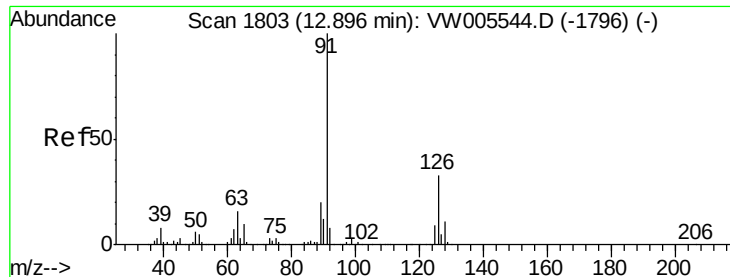
Tgt Ion:156 Resp: 151385
Ion Ratio Lower Upper
156 100
77 164.9 94.7 284.1
158 89.8 48.0 144.2



#78
n-propylbenzene
Concen: 14.911 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion: 91 Resp: 464518
Ion Ratio Lower Upper
91 100
120 17.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 26.441 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

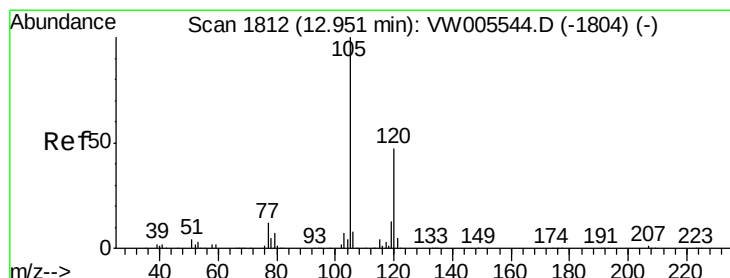
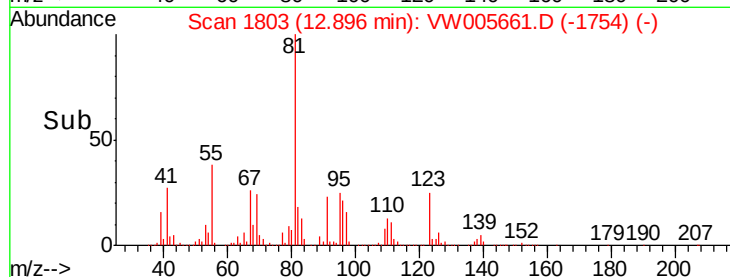
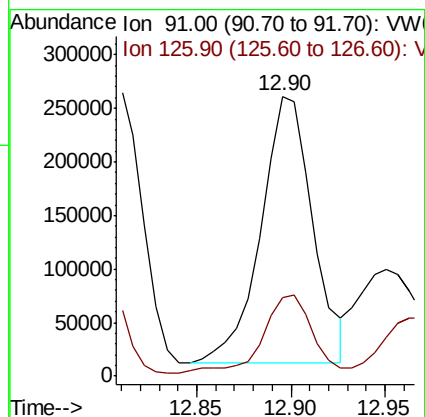
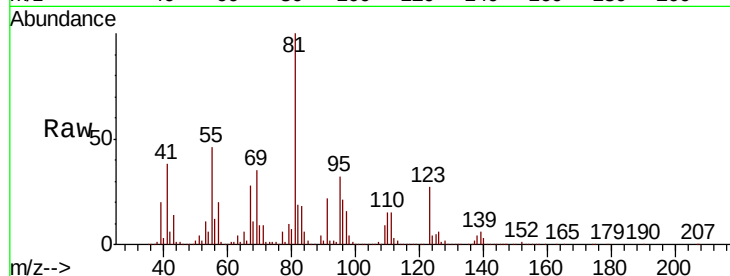
EP1-Q1-G3

Tgt Ion: 91 Resp: 476571

Ion Ratio Lower Upper

91 100

126 28.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.444 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005661.D

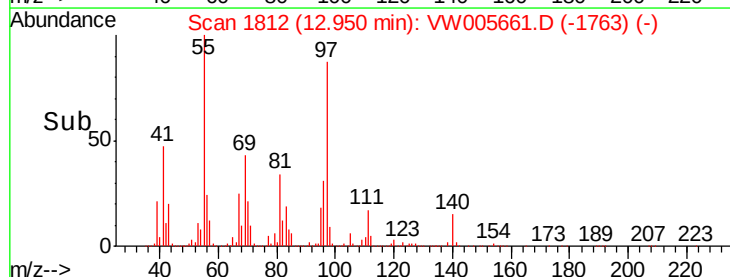
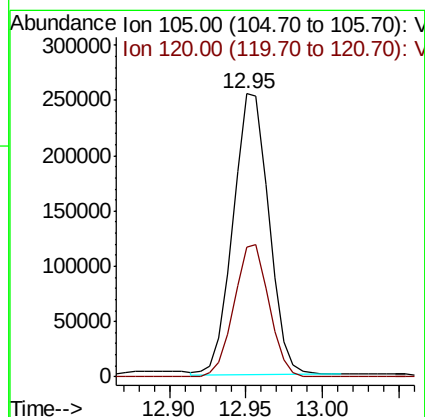
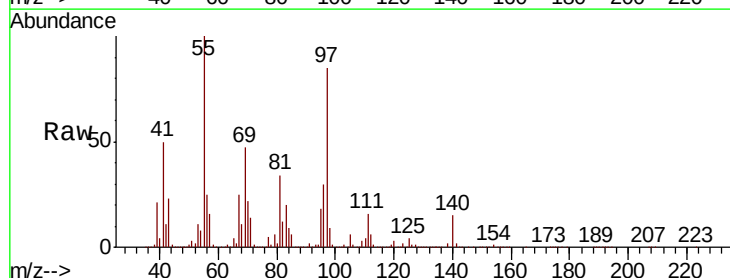
Acq: 26 Sep 2018 18:58

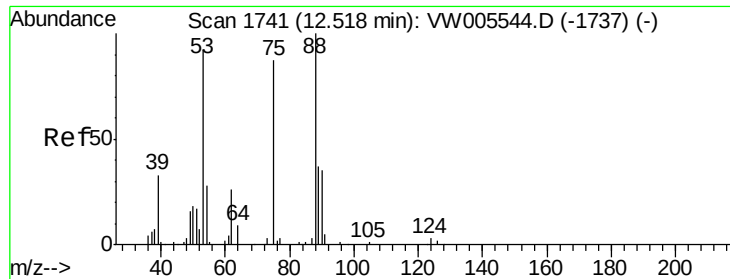
Tgt Ion: 105 Resp: 412677

Ion Ratio Lower Upper

105 100

120 46.1 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 32.233 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

EP1-Q1-G3

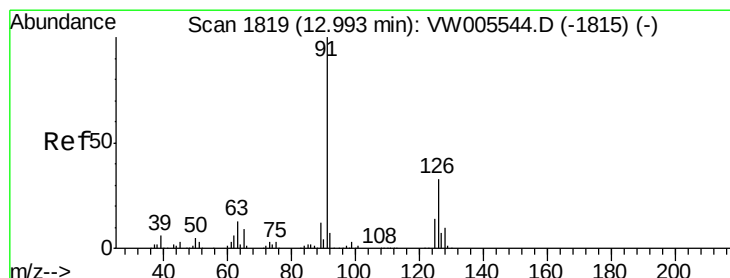
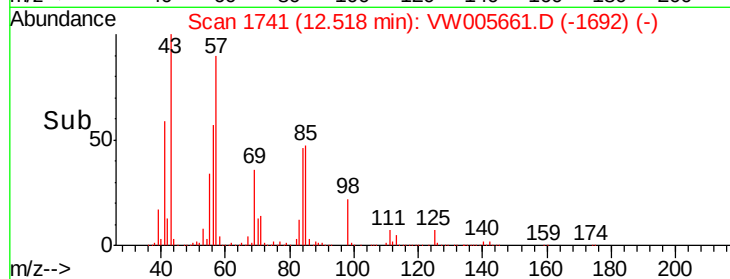
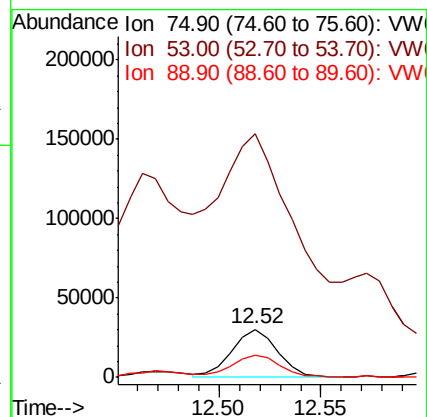
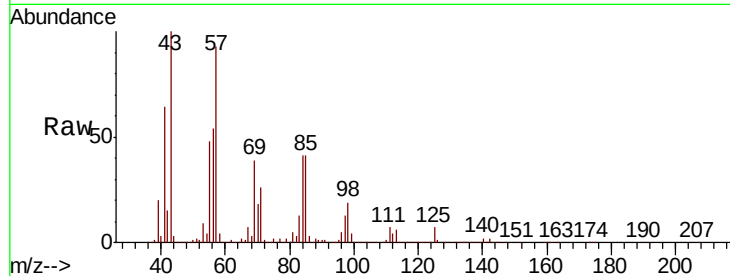
Tgt Ion: 75 Resp: 45267

Ion Ratio Lower Upper

75 100

53 405.5 85.8 128.6#

89 46.4 37.3 55.9



#82

4-Chlorotoluene

Concen: 25.025 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.10 min

Lab File: VW005661.D

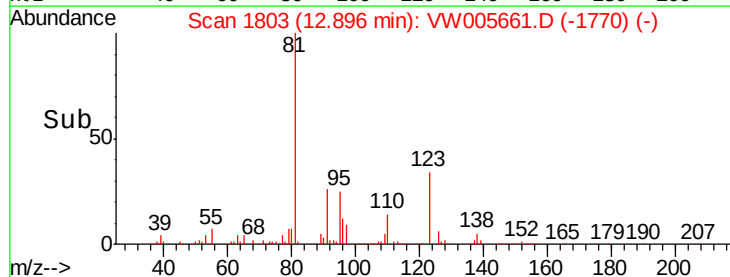
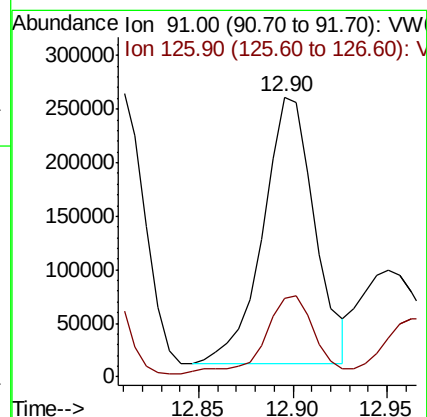
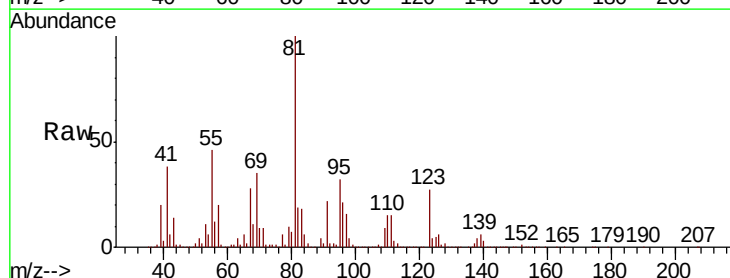
Acq: 26 Sep 2018 18:58

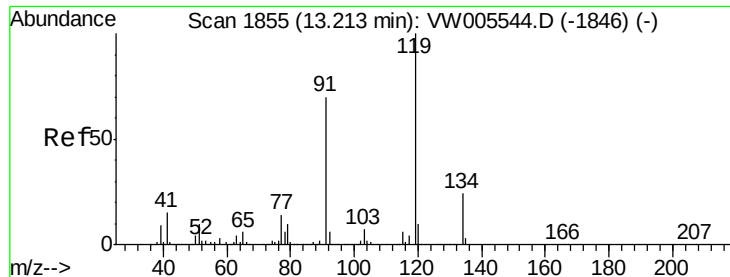
Tgt Ion: 91 Resp: 476571

Ion Ratio Lower Upper

91 100

126 28.0 16.4 49.4





#83

tert-Butylbenzene

Concen: 51.277 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

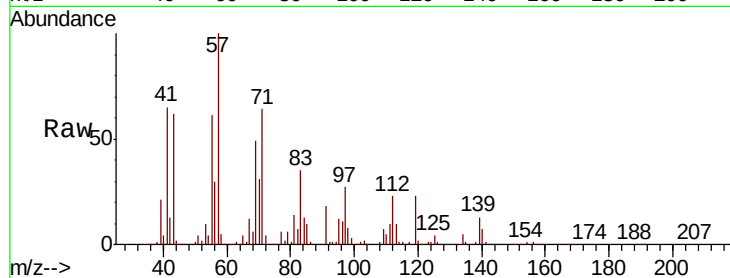
Tgt Ion:119 Resp: 963894

Ion Ratio Lower Upper

119 100

91 68.8 34.6 103.8

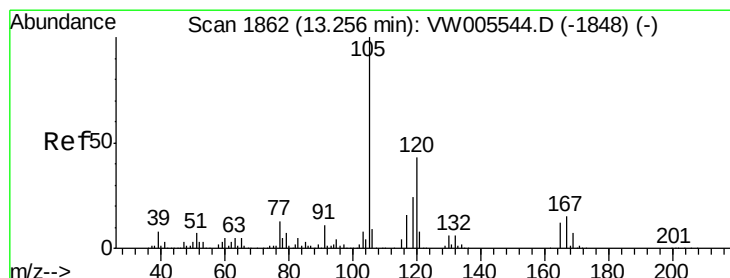
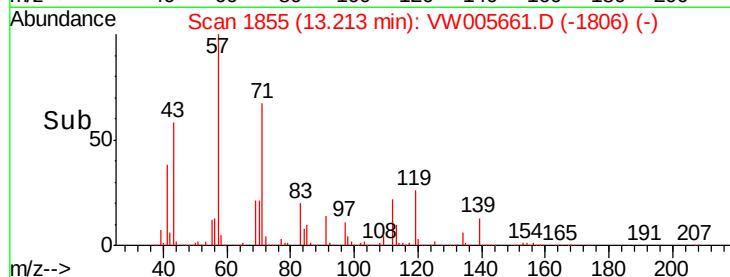
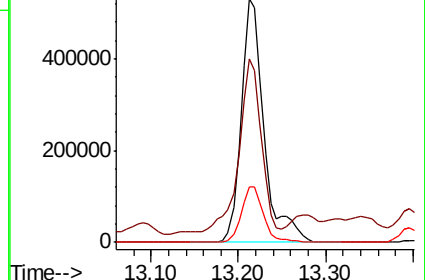
134 22.0 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 11.368 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005661.D

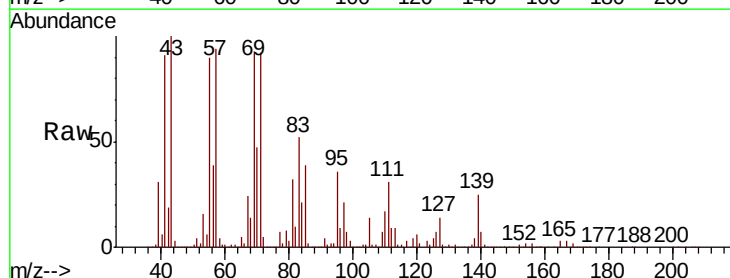
Acq: 26 Sep 2018 18:58

Tgt Ion:105 Resp: 256686

Ion Ratio Lower Upper

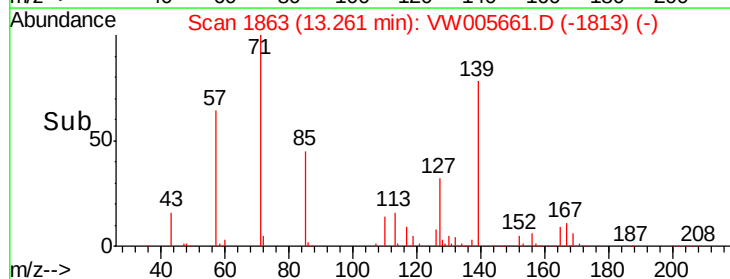
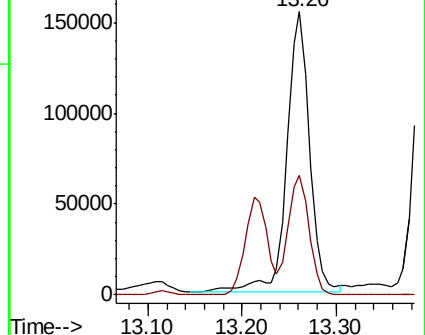
105 100

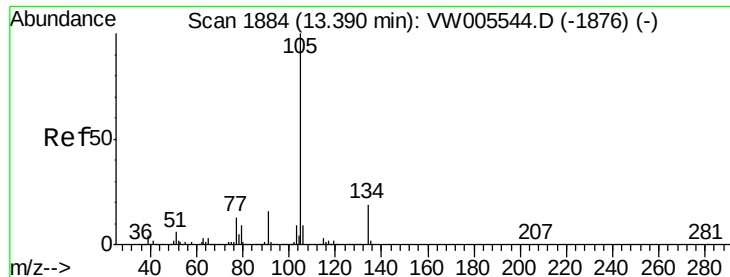
120 39.3 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 9.221 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

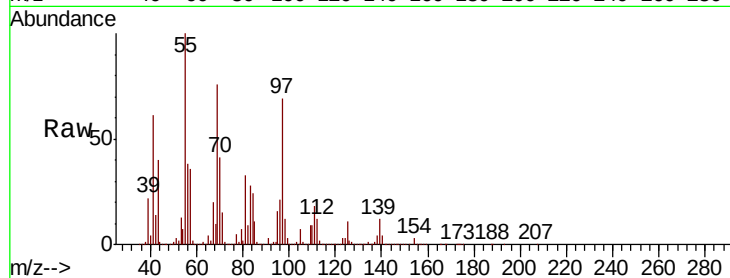
EP1-Q1-G3

Tgt Ion:105 Resp: 251401

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

150000

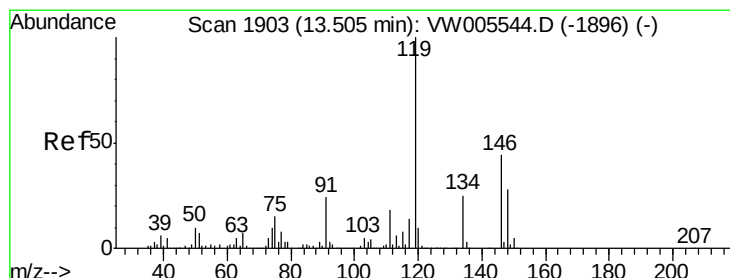
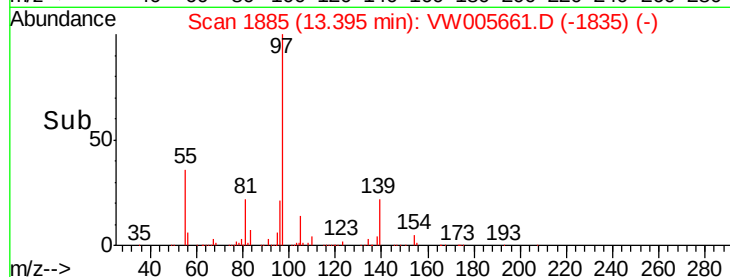
100000

50000

0

Time-->

13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 12.264 ug/l

RT: 13.51 min Scan# 1904

Delta R.T. 0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

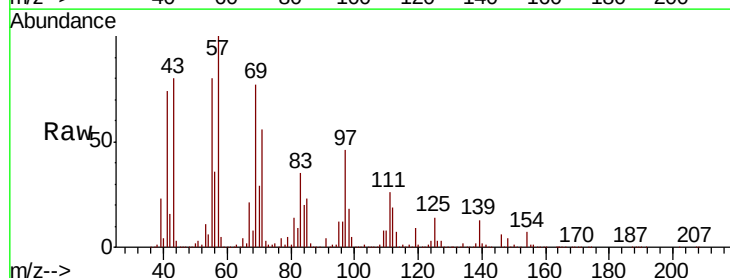
Tgt Ion:119 Resp: 299675

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 31.1 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): VW

250000

200000

150000

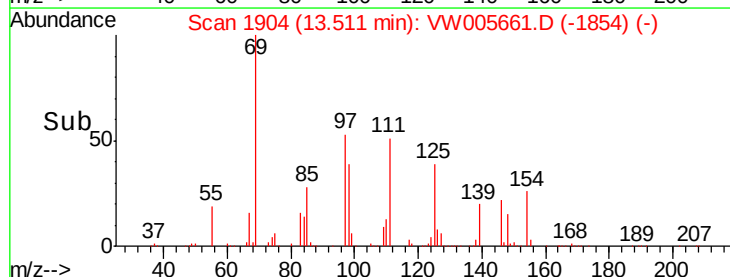
100000

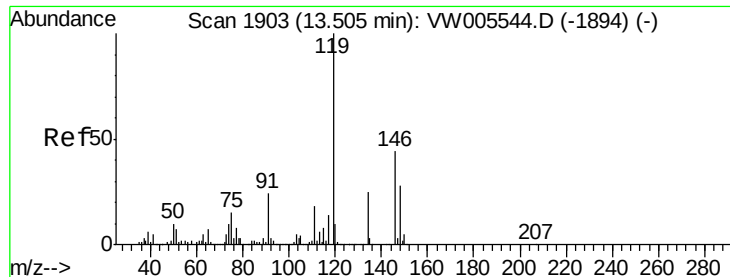
50000

0

Time-->

13.45 13.50 13.55

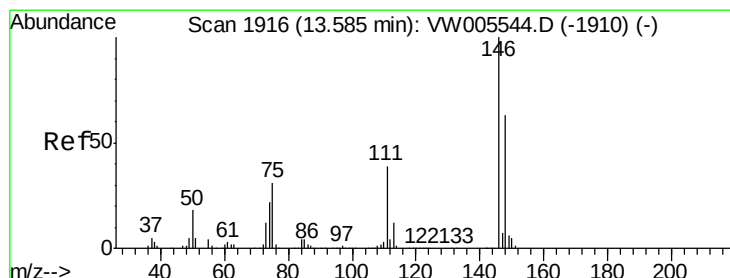
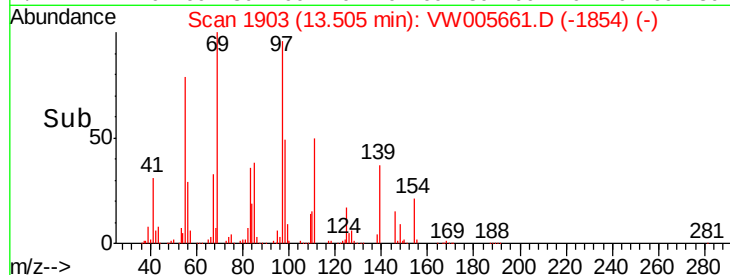
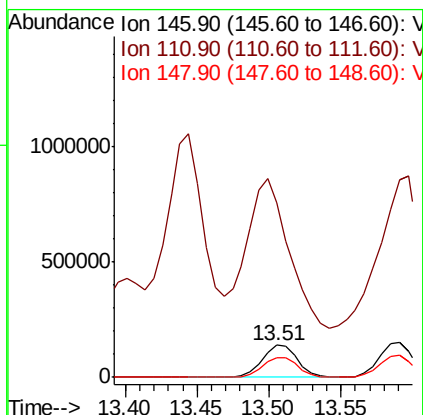
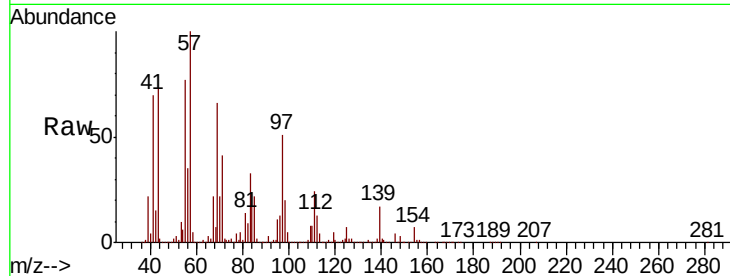




#87
 1,3-Dichlorobenzene
 Concen: 18.839 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

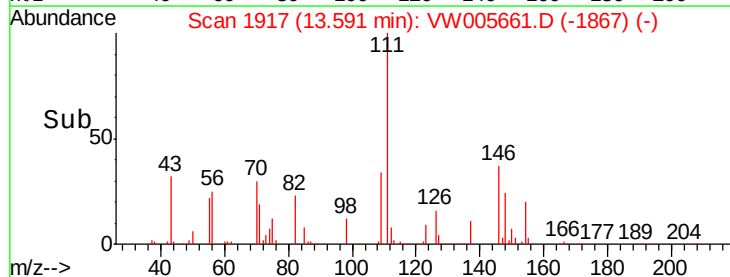
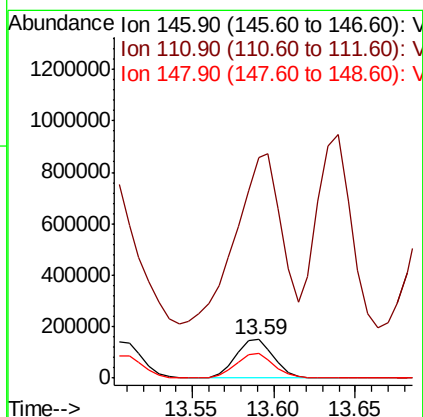
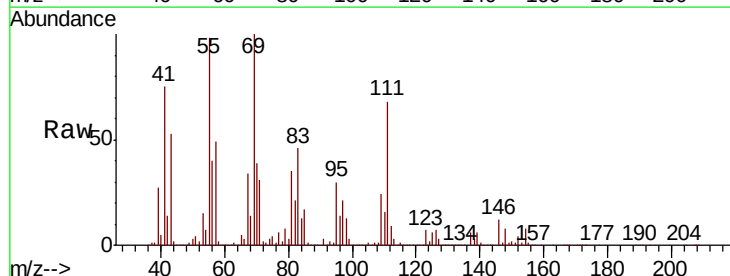
Instrument :
 MSVOA_W
 ClientSampled :
 EP1-Q1-G3

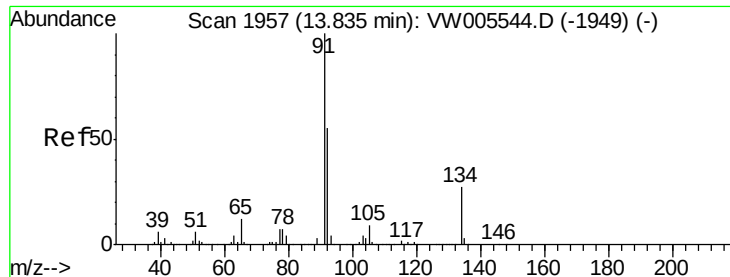
Tgt Ion:146 Resp: 232326
 Ion Ratio Lower Upper
 146 100
 111 562.0 20.3 60.9#
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.777 ug/l
 RT: 13.59 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion:146 Resp: 242563
 Ion Ratio Lower Upper
 146 100
 111 524.9 19.9 59.7#
 148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 5.428 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

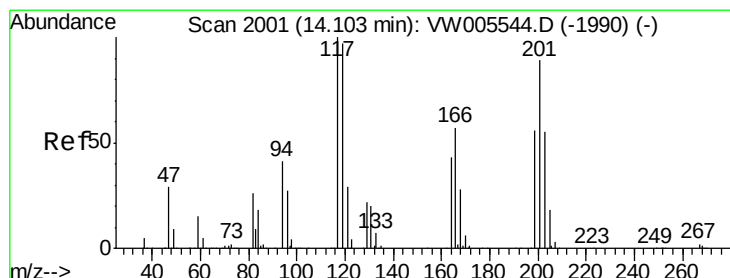
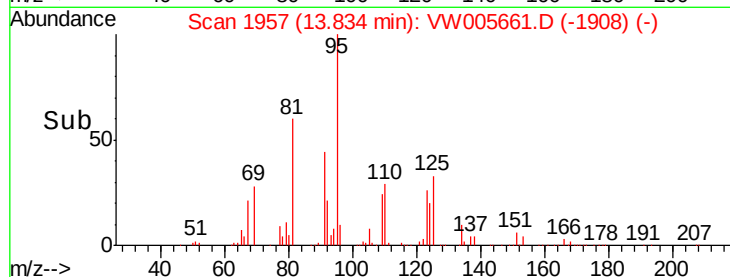
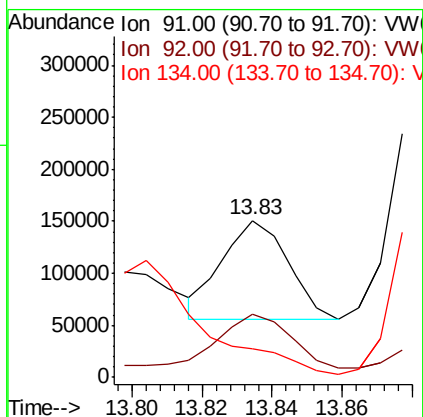
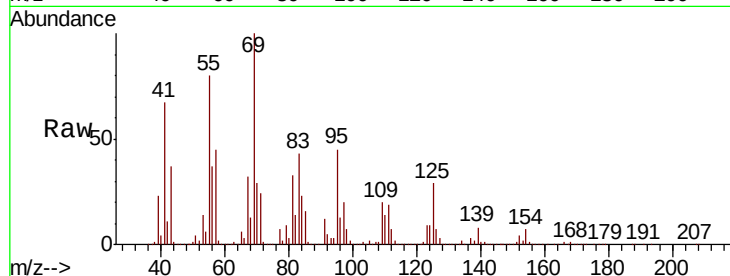
Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tgt Ion:	91	Resp:	125115
Ion	Ratio	Lower	Upper
91	100		
92	70.3	26.5	79.5
134	0.0	12.9	38.7#



#90

Hexachloroethane

Concen: 171.777 ug/l

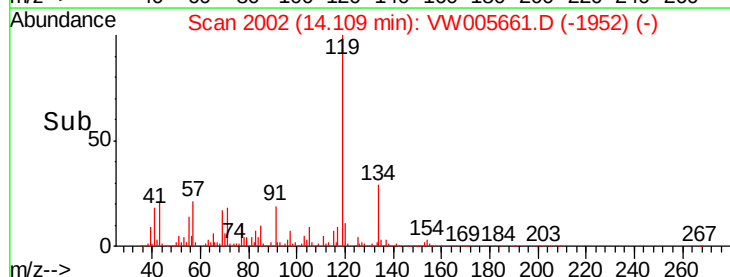
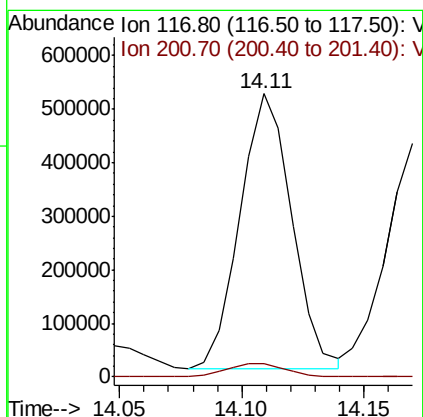
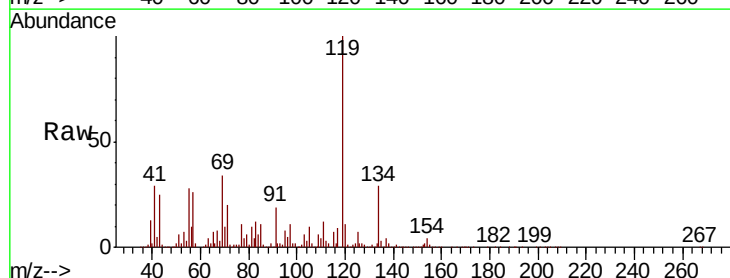
RT: 14.11 min Scan# 2002

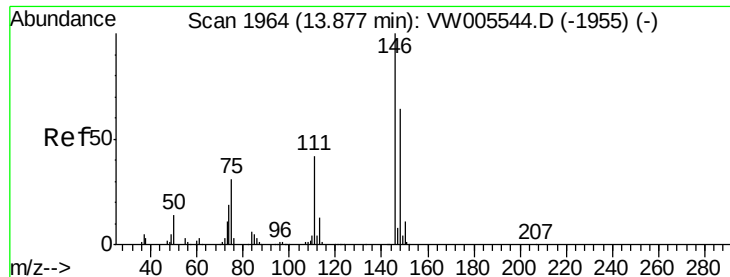
Delta R.T. 0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Tgt Ion:	117	Resp:	760805
Ion	Ratio	Lower	Upper
117	100		
201	5.7	42.8	128.3#





#91

1,2-Dichlorobenzene

Concen: 19.387 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

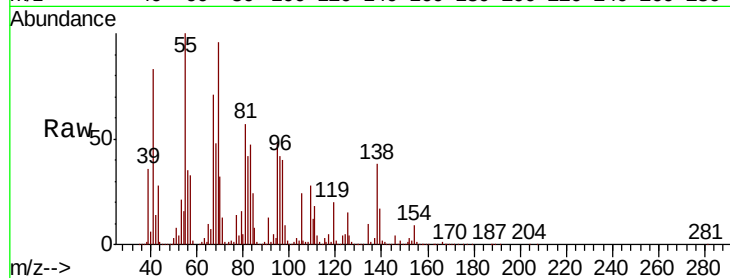
Tgt Ion:146 Resp: 211052

Ion Ratio Lower Upper

146 100

111 840.8 21.3 63.9#

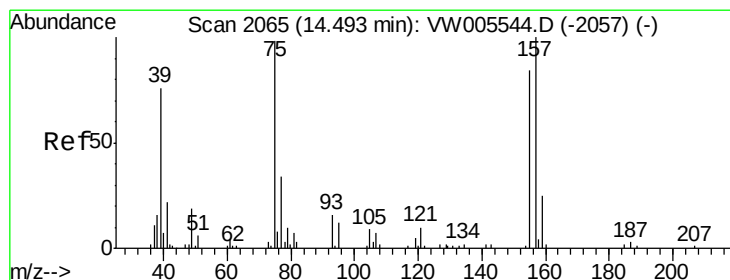
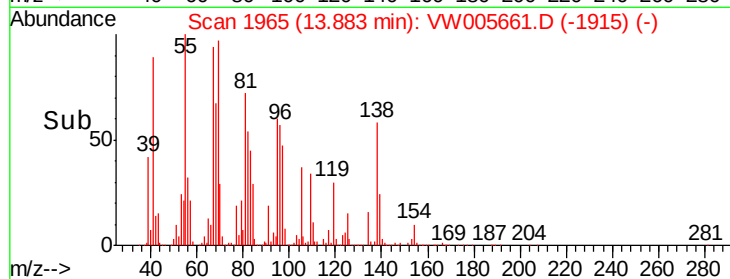
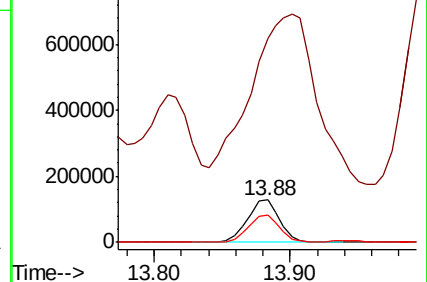
148 64.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.726 ug/l

RT: 14.47 min Scan# 2062

Delta R.T. -0.02 min

Lab File: VW005661.D

Acq: 26 Sep 2018 18:58

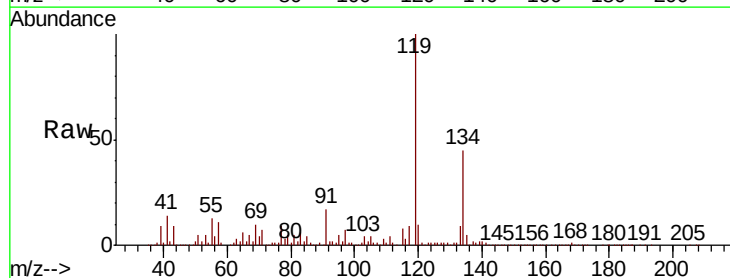
Tgt Ion: 75 Resp: 34793

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.5#

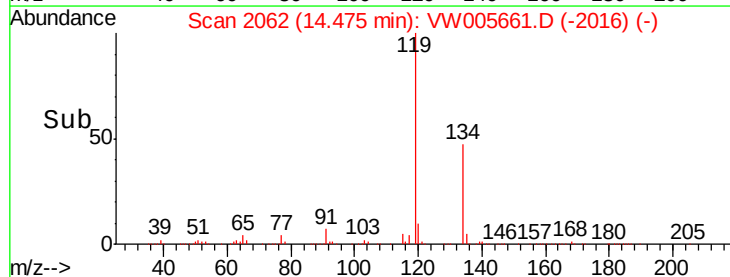
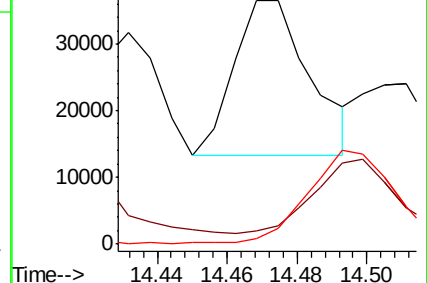
157 0.0 50.8 152.4#

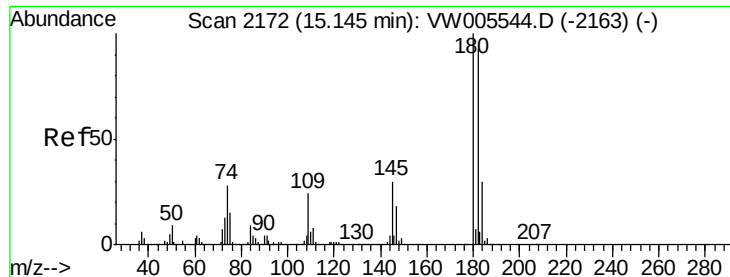


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

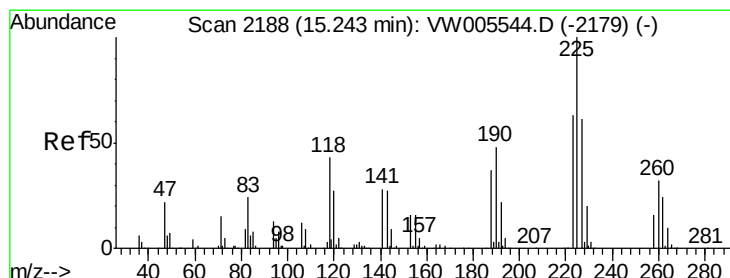
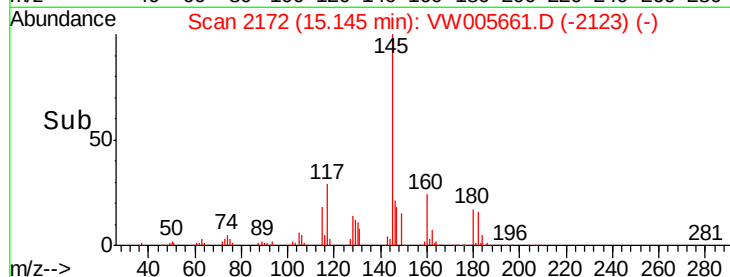
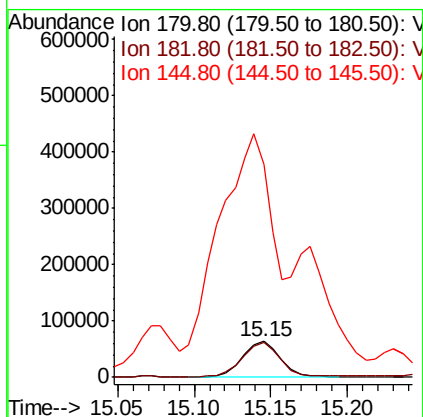
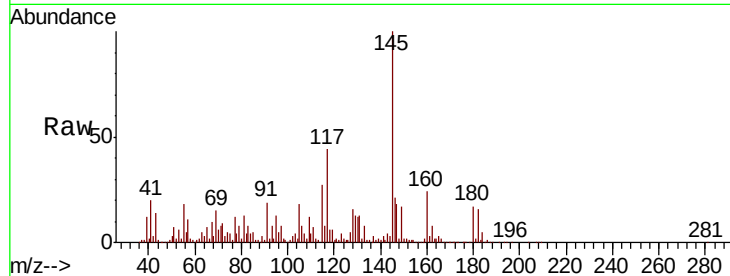




#93
 1,2,4-Trichlorobenzene
 Concen: 13.525 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

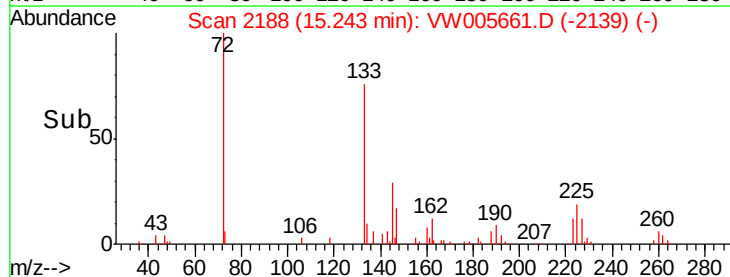
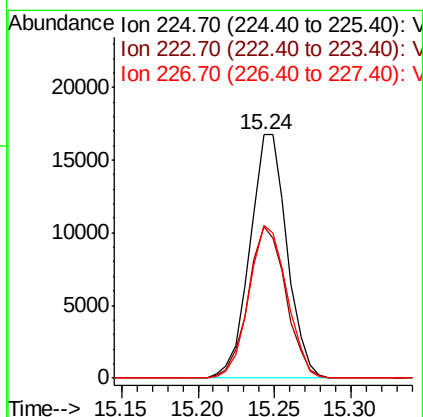
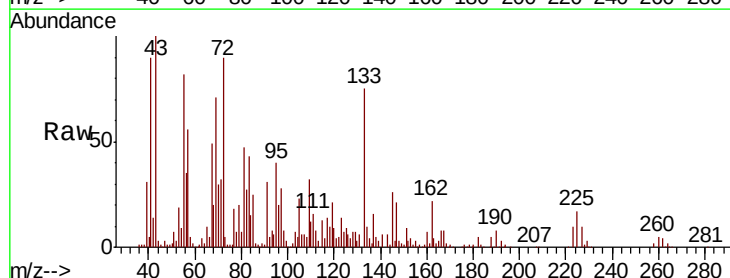
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

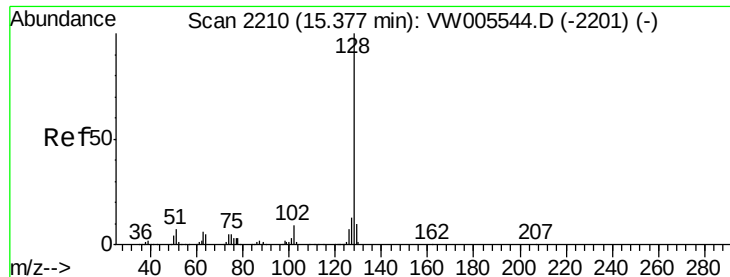
Tgt Ion:180 Resp: 105031
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.7 143.1
 145 1077.0 15.0 45.1#



#94
 Hexachlorobutadiene
 Concen: 5.626 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005661.D
 Acq: 26 Sep 2018 18:58

Tgt Ion:225 Resp: 28305
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 63.8 31.8 95.3

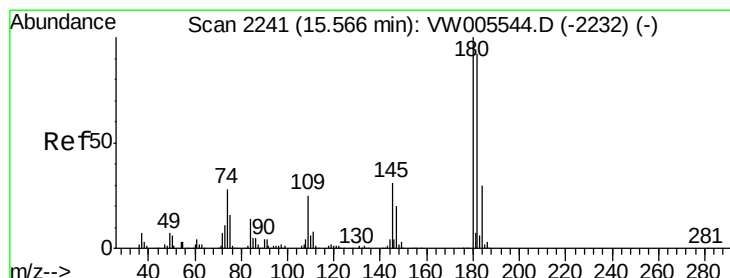
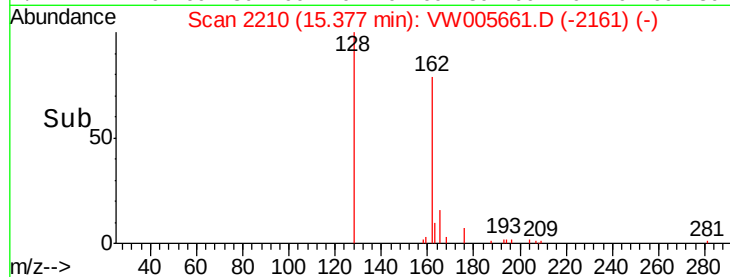
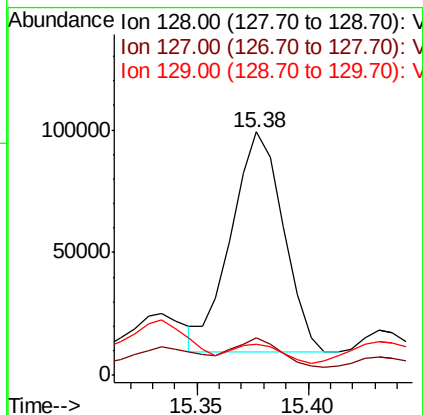
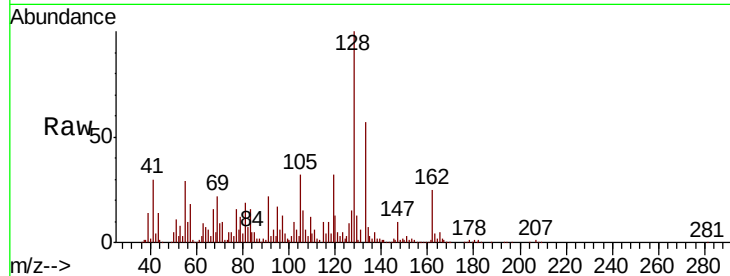




#95
Naphthalene
Concen: 11.211 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

Tgt Ion:128 Resp: 146443
Ion Ratio Lower Upper
128 100
127 11.6 10.9 16.3
129 8.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 14.229 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005661.D
Acq: 26 Sep 2018 18:58

Tgt Ion:180 Resp: 97379
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 309.2 16.0 47.9#

