

Data File : VW005405.D
Acq On : 15 Sep 2018 00:57
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 15 02:08:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	246160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	347722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	228765	118.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	236.14%	
35) Dibromofluoromethane	7.89	113	190898	99.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.48%	
50) Toluene-d8	10.33	98	912348	95.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.52%	
62) 4-Bromofluorobenzene	12.62	95	329631	93.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.84%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	198295	91.813	ug/l	100
3) Chloromethane	2.21	50	253109	88.887	ug/l	100
4) Vinyl Chloride	2.36	62	246307	93.796	ug/l	98
5) Bromomethane	2.78	94	152576	85.157	ug/l	100
6) Chloroethane	2.92	64	147230	100.321	ug/l	100
7) Trichlorofluoromethane	3.26	101	321316	104.910	ug/l	99
8) Diethyl Ether	3.69	74	100876	95.433	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	187740	89.105	ug/l	100
10) Methyl Iodide	4.28	142	278649	119.407	ug/l	99
11) Tert butyl alcohol	5.23	59	73097	479.401	ug/l	99
12) 1,1-Dichloroethene	4.04	96	176538	91.299	ug/l	98
13) Acrolein	3.90	56	49871	356.028	ug/l	98
14) Allyl chloride	4.68	41	342410	111.196	ug/l	99
15) Acrylonitrile	5.38	53	230817	483.662	ug/l	100
16) Acetone	4.15	43	177339	507.262	ug/l	99
17) Carbon Disulfide	4.39	76	638261	94.221	ug/l	99
18) Methyl Acetate	4.68	43	112344	106.548	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	511538	108.041	ug/l	97
20) Methylene Chloride	4.92	84	241607	82.956	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	211577	93.181	ug/l	99
22) Diisopropyl ether	6.32	45	687932	110.805	ug/l	99
23) Vinyl Acetate	6.26	43	1937633	558.134	ug/l	100
24) 1,1-Dichloroethane	6.22	63	392956	103.420	ug/l	99
25) 2-Butanone	7.18	43	271904	492.210	ug/l	99
26) 2,2-Dichloropropane	7.17	77	336249	101.894	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	232339	95.287	ug/l	99
28) Bromochloromethane	7.52	49	143550	102.686	ug/l	99
29) Tetrahydrofuran	7.54	42	181348	492.539	ug/l	100
30) Chloroform	7.68	83	400713	105.037	ug/l	100
31) Cyclohexane	7.96	56	379471	96.509	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	372487	107.324	ug/l	100
36) 1,1-Dichloropropene	8.09	75	335643	99.501	ug/l	99
37) Ethyl Acetate	7.26	43	129970	99.690	ug/l	99
38) Carbon Tetrachloride	8.07	117	334562	104.035	ug/l	99

Data File : VW005405.D
Acq On : 15 Sep 2018 00:57
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 15 02:08:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405363	92.465	ug/l	98
40) Benzene	8.33	78	962417	97.366	ug/l	100
41) Methacrylonitrile	7.49	41	81147	119.308	ug/l	96
42) 1,2-Dichloroethane	8.41	62	280176	112.336	ug/l	99
43) Isopropyl Acetate	8.43	43	263919	108.418	ug/l	100
44) Trichloroethene	9.10	130	247720	92.301	ug/l	96
45) 1,2-Dichloropropane	9.37	63	228465	96.204	ug/l	98
46) Dibromomethane	9.46	93	107364	91.648	ug/l	97
47) Bromodichloromethane	9.65	83	300090	103.208	ug/l	98
48) Methyl methacrylate	9.44	41	139599	111.299	ug/l	95
49) 1,4-Dioxane	9.49	88	38513	1810.812	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	686055	507.539	ug/l	99
52) Toluene	10.40	92	656004	91.818	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	319446	103.004	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	359160	97.684	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	161149	87.762	ug/l	96
56) Ethyl methacrylate	10.65	69	228908	97.997	ug/l	99
57) 1,3-Dichloropropane	10.94	76	287482	93.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	523221	512.989	ug/l	100
59) 2-Hexanone	10.98	43	477397	491.889	ug/l	99
60) Dibromochloromethane	11.13	129	203411	98.435	ug/l	100
61) 1,2-Dibromoethane	11.24	107	149209	88.694	ug/l	100
64) Tetrachloroethene	10.87	164	255591	99.324	ug/l	97
65) Chlorobenzene	11.66	112	697808	92.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	227261	99.448	ug/l	99
67) Ethyl Benzene	11.74	91	1299473	98.409	ug/l	99
68) m/p-Xylenes	11.85	106	981685	185.543	ug/l	100
69) o-Xylene	12.17	106	464949	94.638	ug/l	100
70) Styrene	12.19	104	779756	96.961	ug/l	100
71) Bromoform	12.35	173	121628	98.560	ug/l #	99
73) Isopropylbenzene	12.47	105	1285756	104.744	ug/l	100
74) N-amyl acetate	12.28	43	274520	115.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	175037	95.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	260759	194.353	ug/l #	100
77) Bromobenzene	12.76	156	287262	98.892	ug/l	99
78) n-propylbenzene	12.81	91	1527887	102.888	ug/l	99
79) 2-Chlorotoluene	12.90	91	888873	104.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1104822	104.456	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	56644	99.624	ug/l	97
82) 4-Chlorotoluene	12.99	91	922433	102.652	ug/l	100
83) tert-Butylbenzene	13.21	119	927777	101.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1116738	104.591	ug/l	99
85) sec-Butylbenzene	13.39	105	1316828	100.024	ug/l	100
86) p-Isopropyltoluene	13.51	119	1190182	101.911	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	571144	94.234	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	556330	92.867	ug/l	99
89) n-Butylbenzene	13.83	91	1105514	100.710	ug/l	100
90) Hexachloroethane	14.10	117	200381	105.934	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	495515	92.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31861	102.072	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

Data File : VW005405.D
Acq On : 15 Sep 2018 00:57
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Sep 15 02:08:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

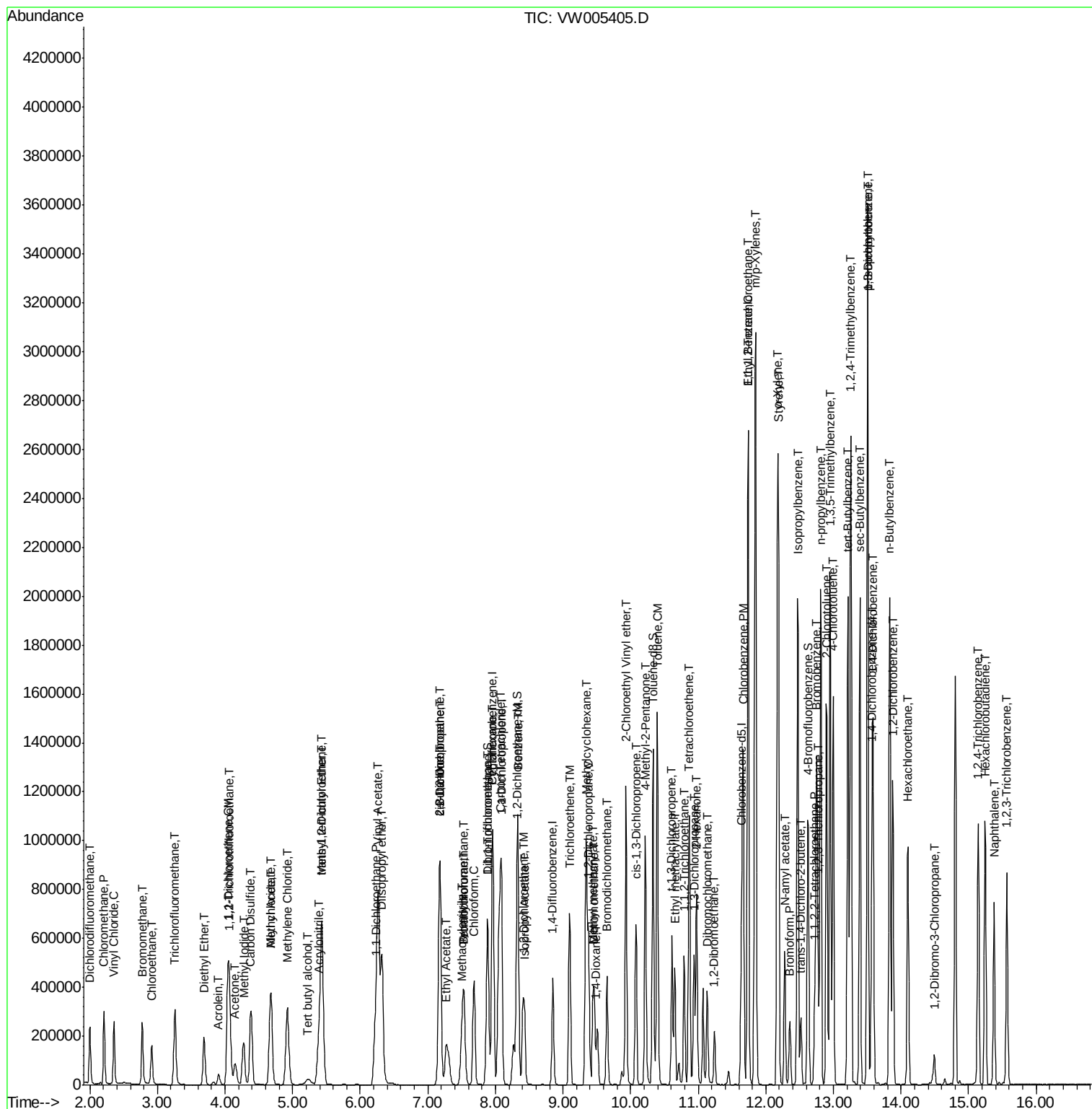
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	341078	90.551	ug/l	99
94) Hexachlorobutadiene	15.24	225	217145	90.056	ug/l	100
95) Naphthalene	15.38	128	621692	101.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	300530	92.896	ug/l	99

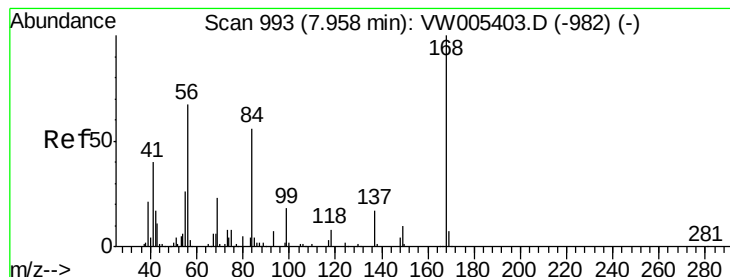
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005405.D
Acq On : 15 Sep 2018 00:57
Operator : SY/AP
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Sep 15 02:08:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

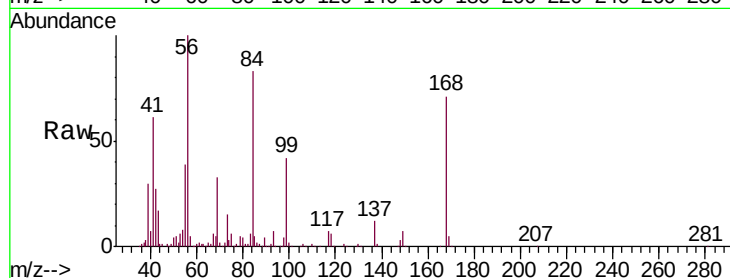
VSTDIC100

Tgt Ion:168 Resp: 246160

Ion Ratio Lower Upper

168 100

99 58.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

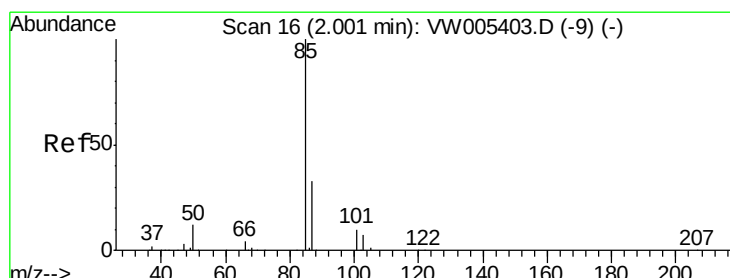
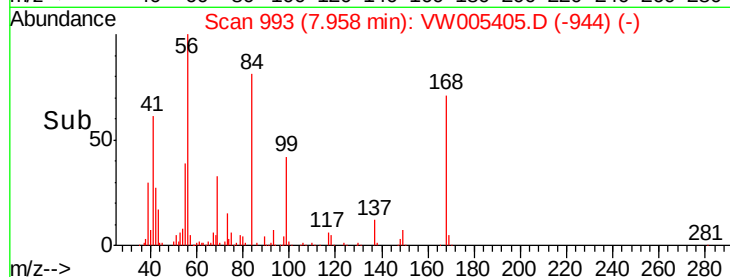
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 91.813 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005405.D

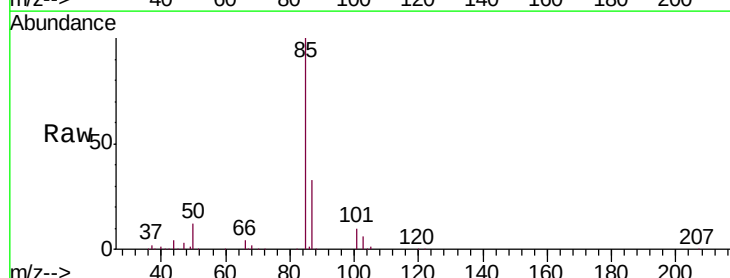
Acq: 15 Sep 2018 00:57

Tgt Ion: 85 Resp: 198295

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

150000

100000

50000

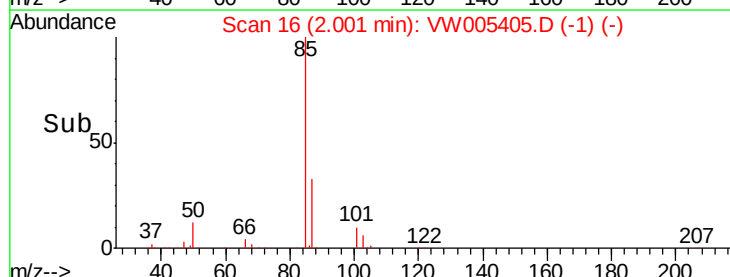
0

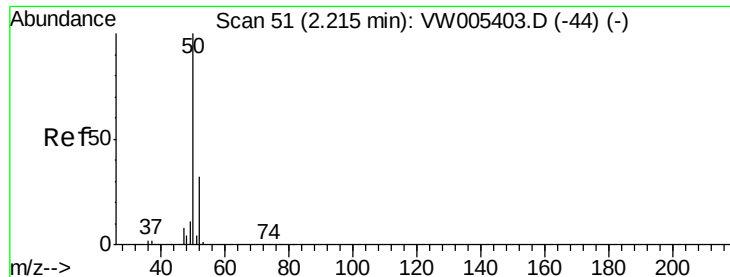
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 88.887 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

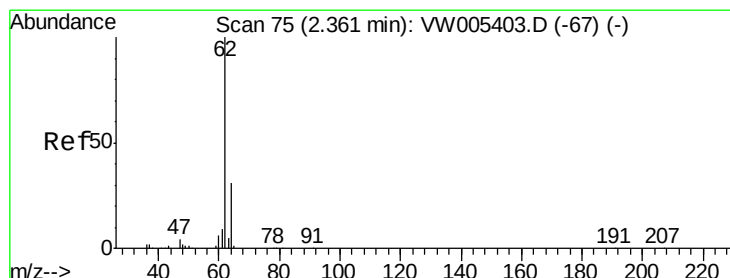
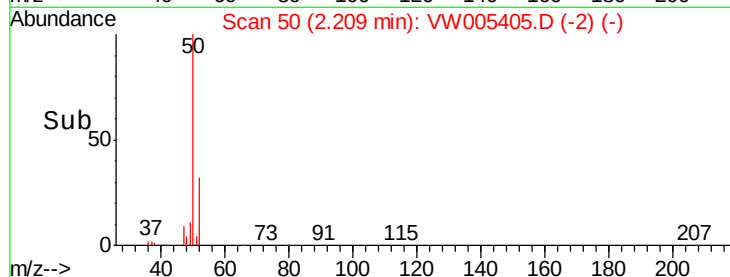
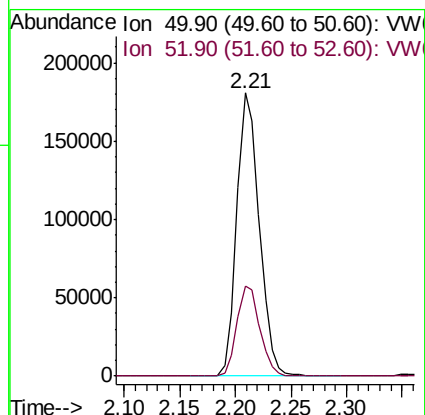
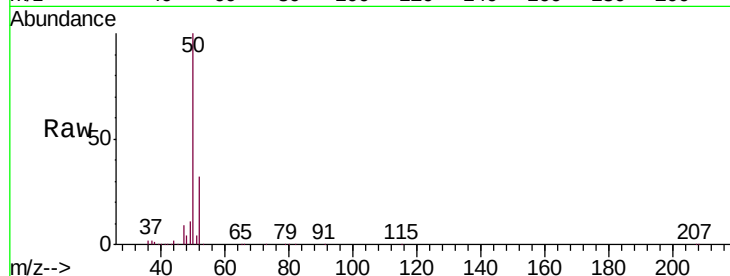
VSTDIC100

Tgt Ion: 50 Resp: 253109

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



#4

Vinyl Chloride

Concen: 93.796 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005405.D

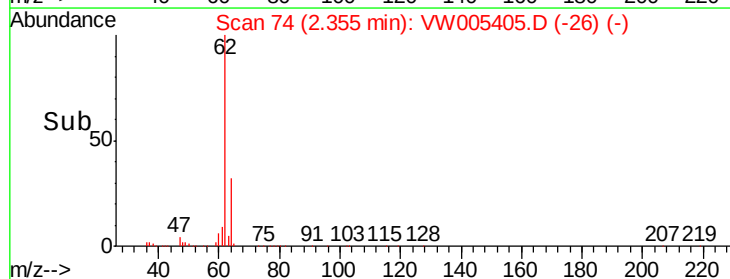
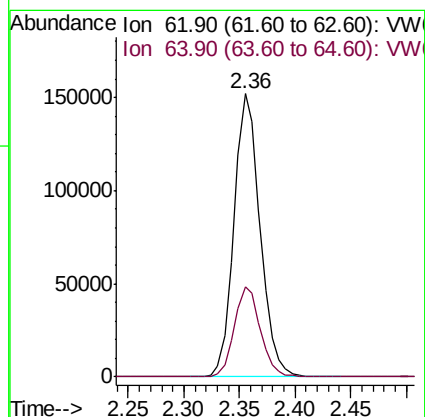
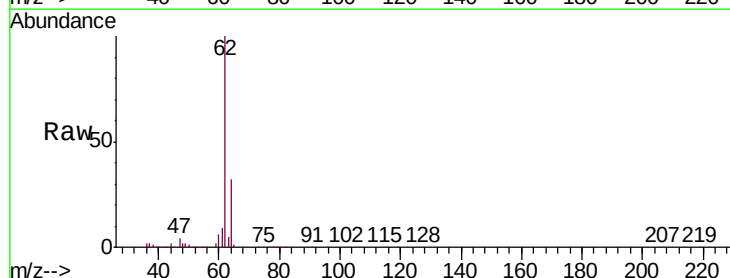
Acq: 15 Sep 2018 00:57

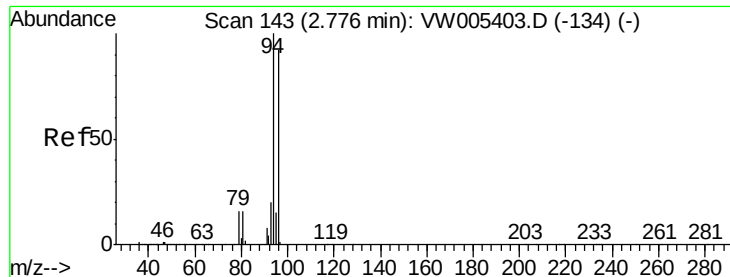
Tgt Ion: 62 Resp: 246307

Ion Ratio Lower Upper

62 100

64 31.8 24.5 36.7





#5

Bromomethane

Concen: 85.157 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

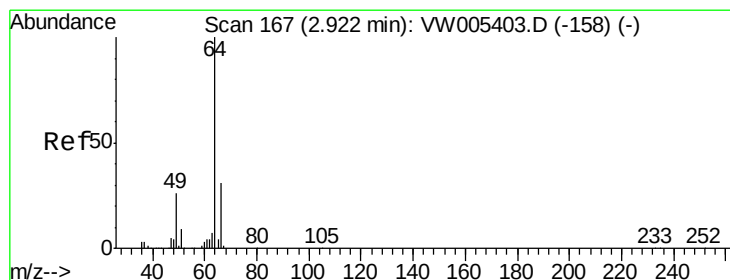
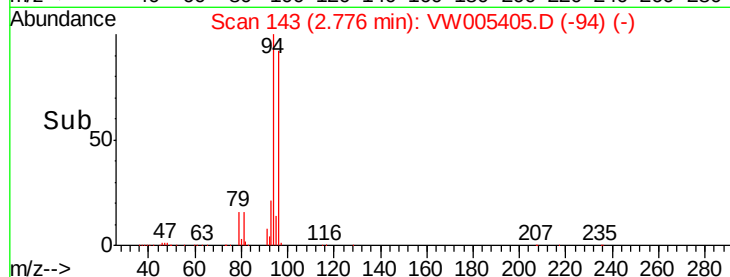
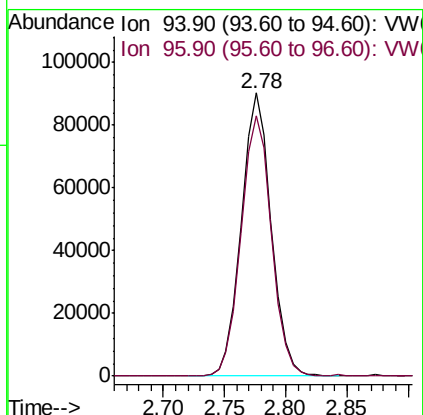
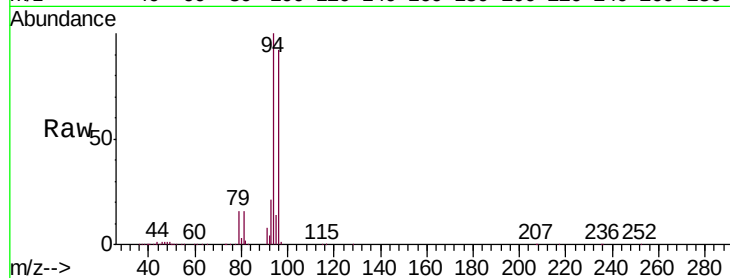
VSTDIC100

Tgt Ion: 94 Resp: 152576

Ion Ratio Lower Upper

94 100

96 91.7 73.7 110.5



#6

Chloroethane

Concen: 100.321 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005405.D

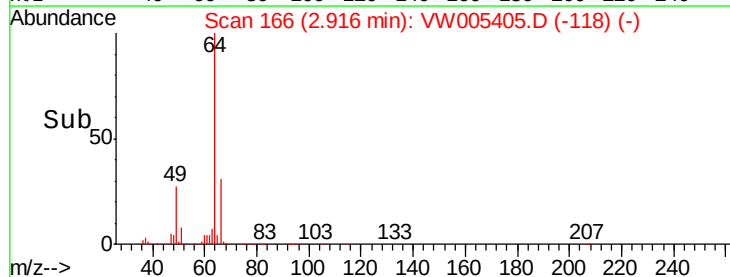
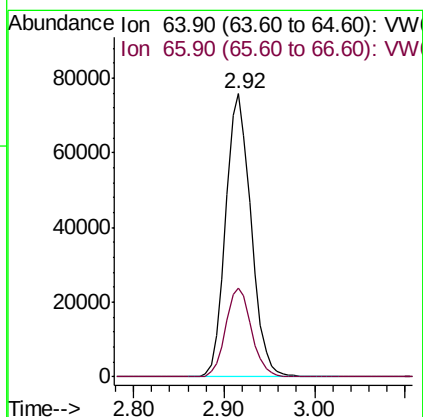
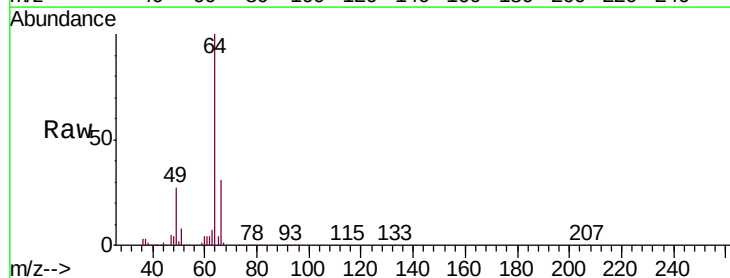
Acq: 15 Sep 2018 00:57

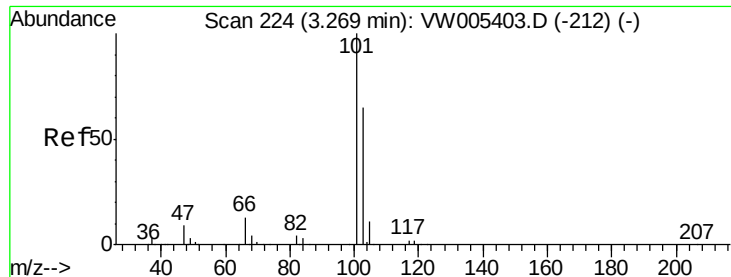
Tgt Ion: 64 Resp: 147230

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



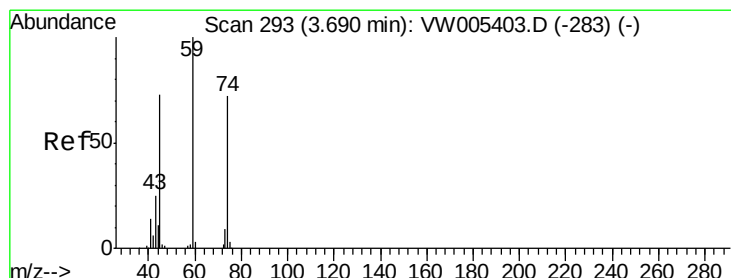
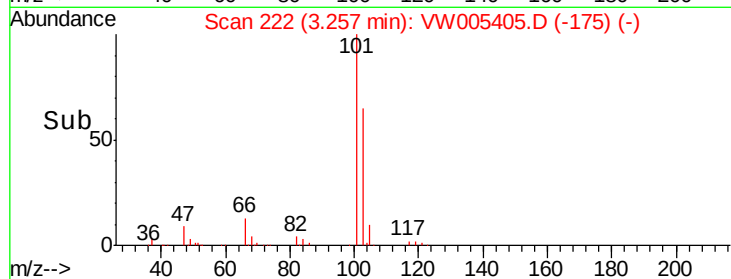
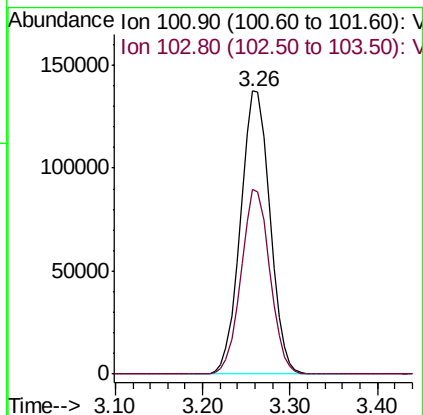
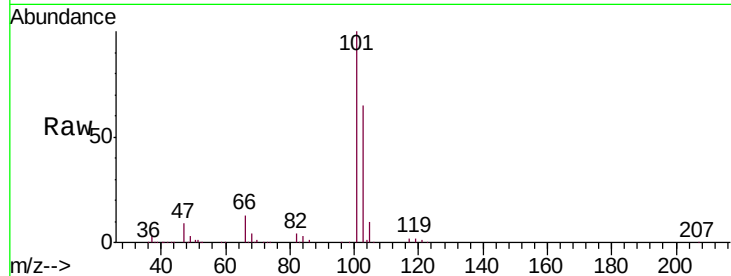


#7

Trichlorofluoromethane
 Concen: 104.910 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

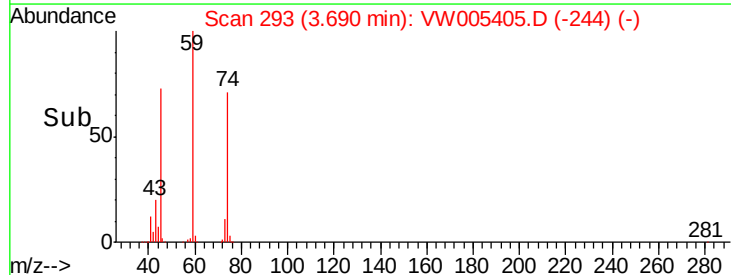
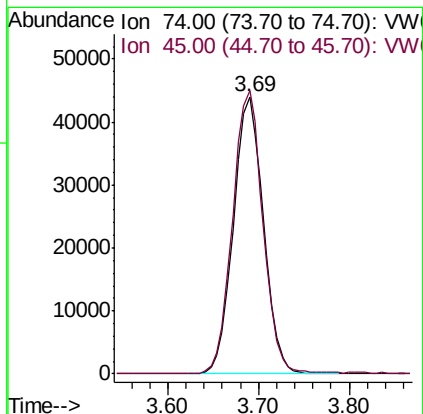
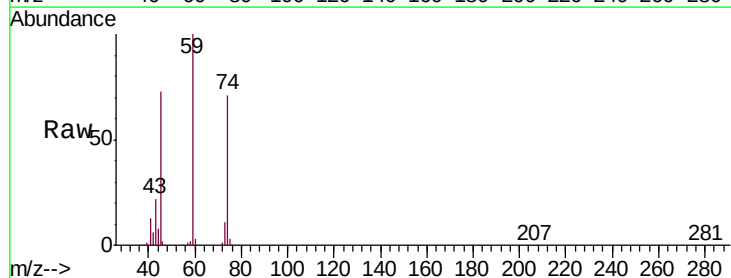
Tgt Ion:101 Resp: 321316
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5

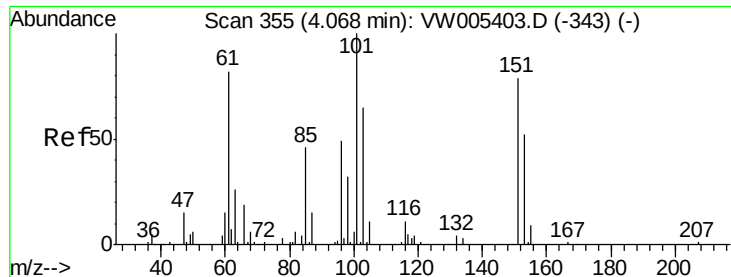


#8

Diethyl Ether
 Concen: 95.433 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 74 Resp: 100876
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.105 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

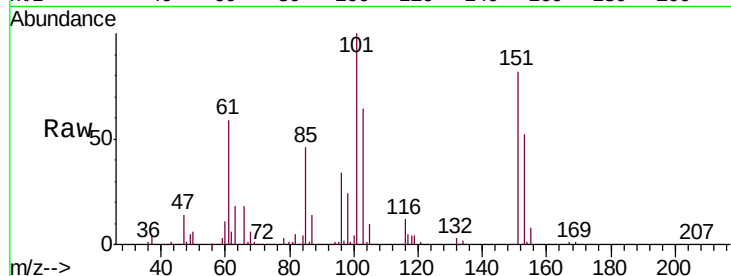
Tgt Ion:101 Resp: 187740

Ion Ratio Lower Upper

101 100

85 45.7 36.6 54.8

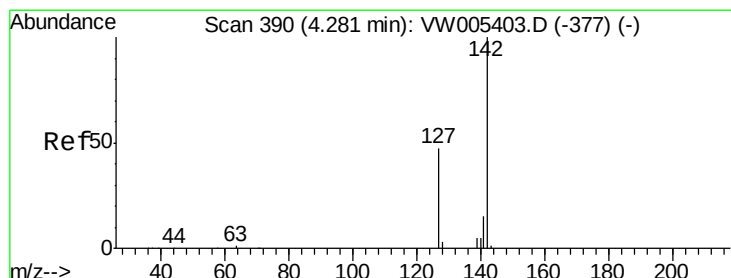
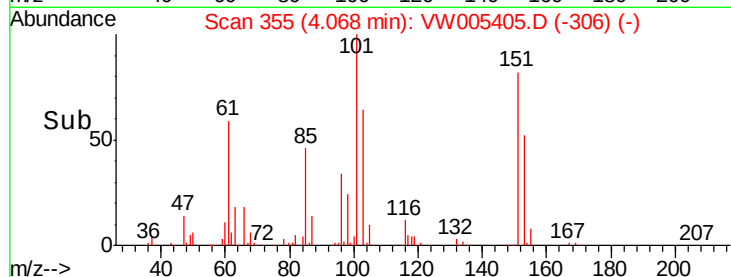
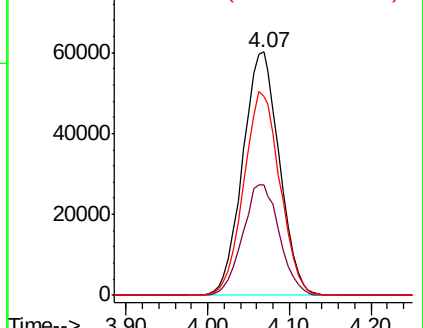
151 82.7 66.3 99.5



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: 119.407 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

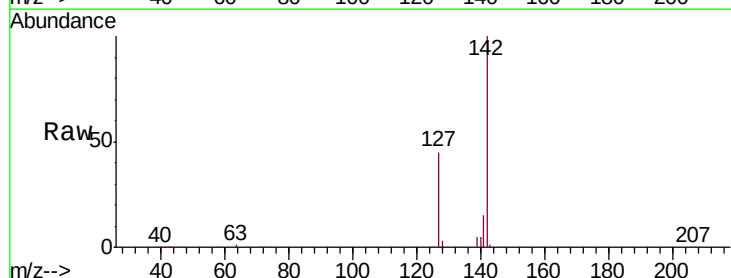
Tgt Ion:142 Resp: 278649

Ion Ratio Lower Upper

142 100

127 46.1 37.5 56.3

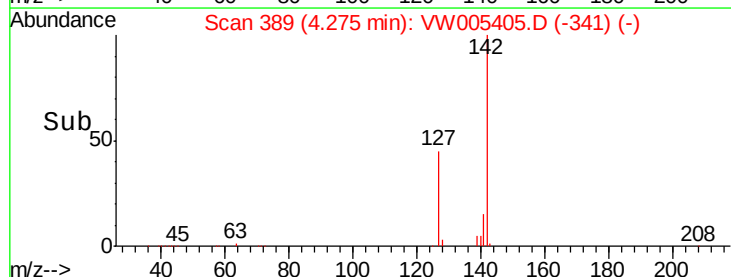
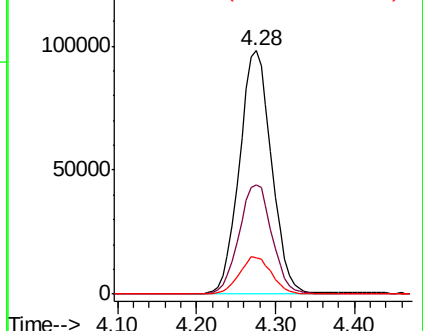
141 15.2 12.4 18.6

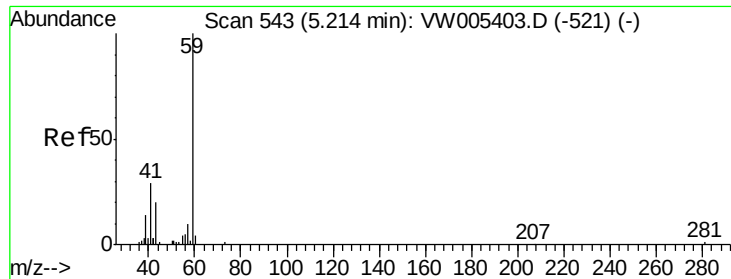


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

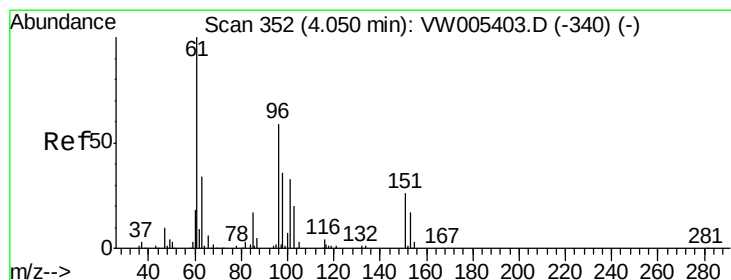
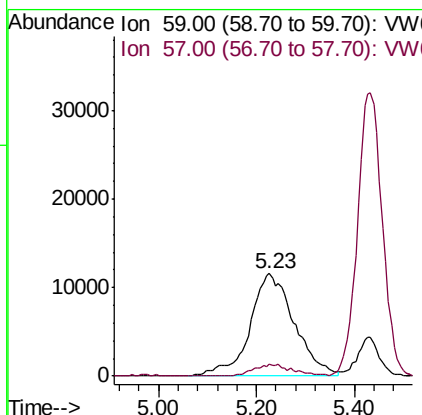
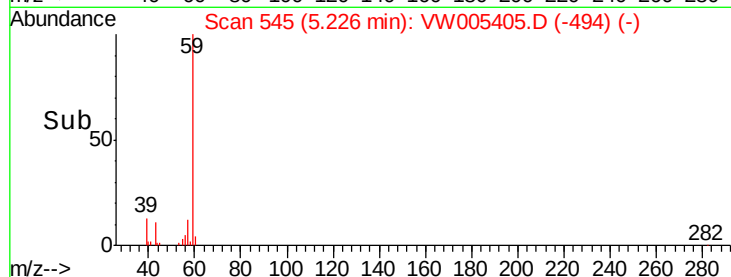
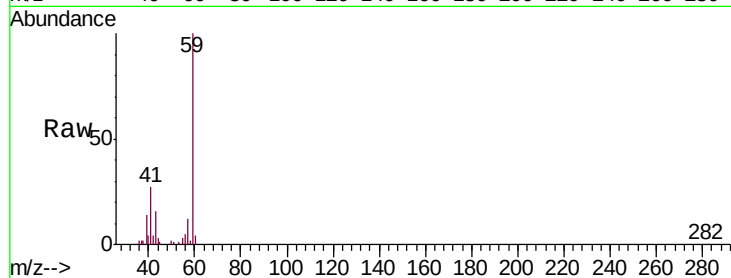




#11
Tert butyl alcohol
Concen: 479.401 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

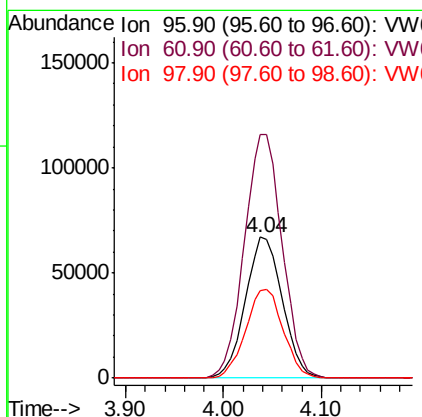
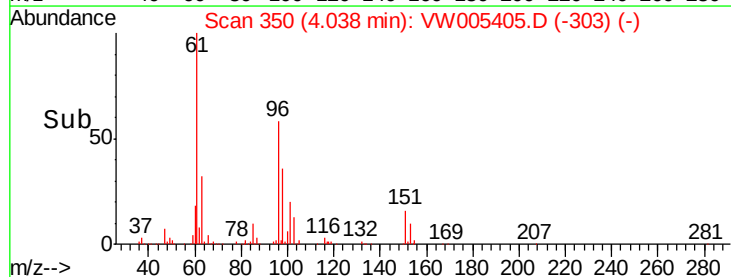
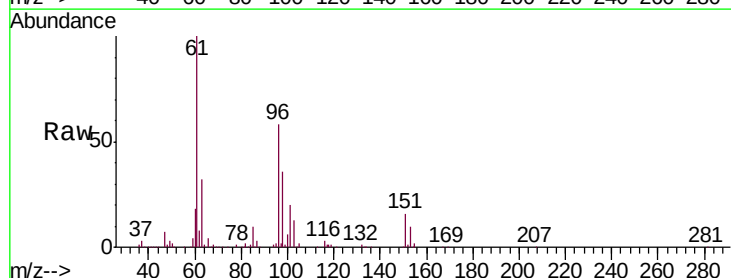
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

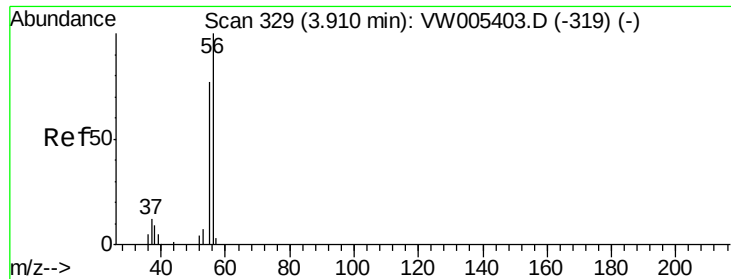
Tgt Ion: 59 Resp: 73097
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 91.299 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 96 Resp: 176538
Ion Ratio Lower Upper
96 100
61 172.9 135.7 203.5
98 62.0 48.6 73.0

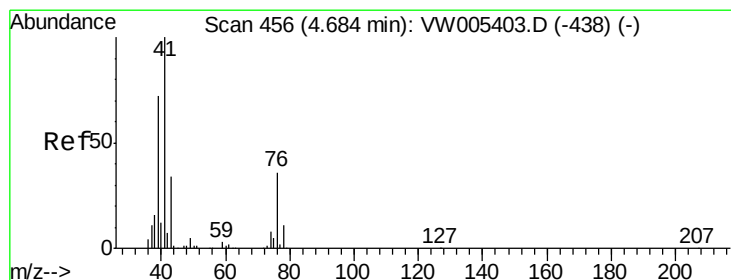
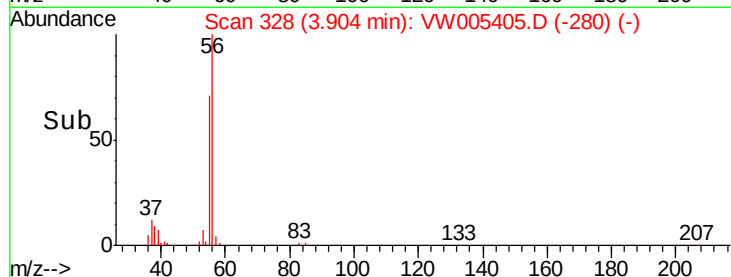
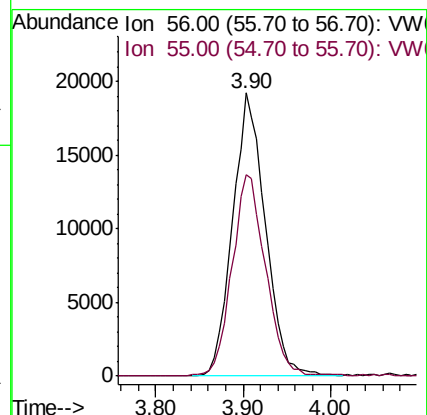
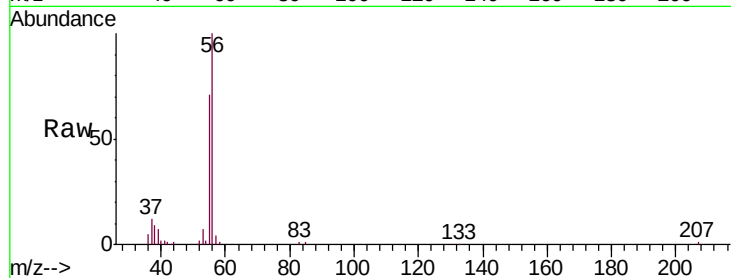




#13
Acrolein
Concen: 356.028 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

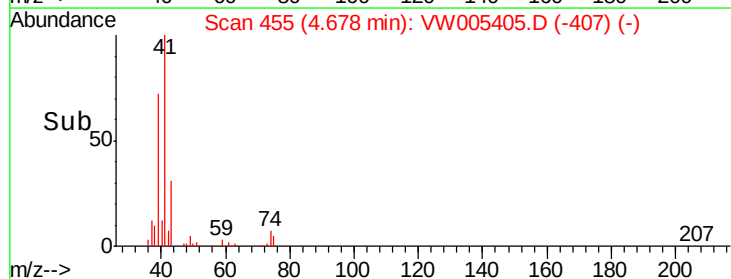
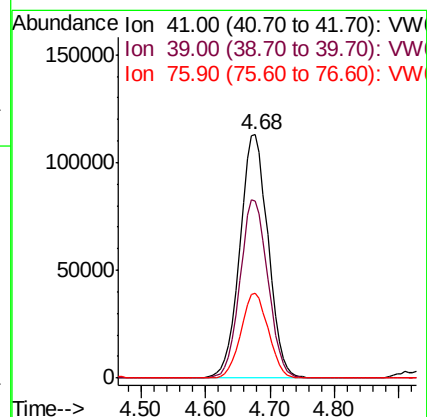
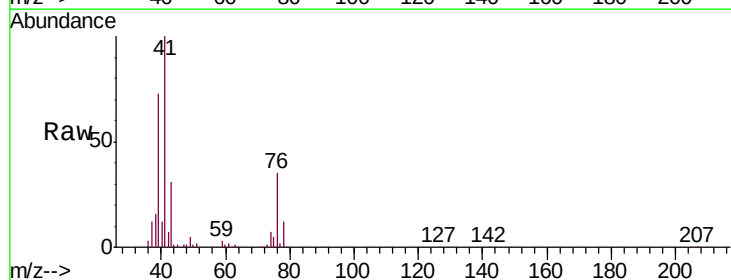
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

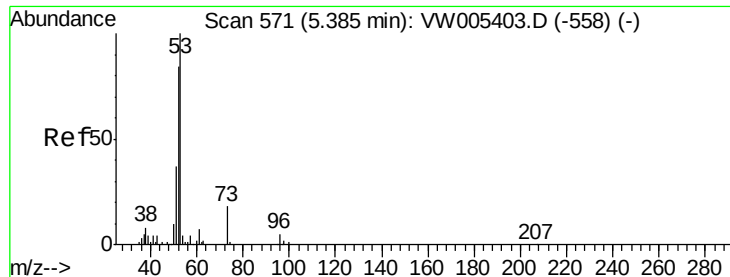
Tgt Ion: 56 Resp: 49871
Ion Ratio Lower Upper
56 100
55 72.8 59.8 89.8



#14
Allyl chloride
Concen: 111.196 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 41 Resp: 342410
Ion Ratio Lower Upper
41 100
39 72.4 58.6 88.0
76 34.0 27.4 41.0





#15

Acrylonitrile

Concen: 483.662 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

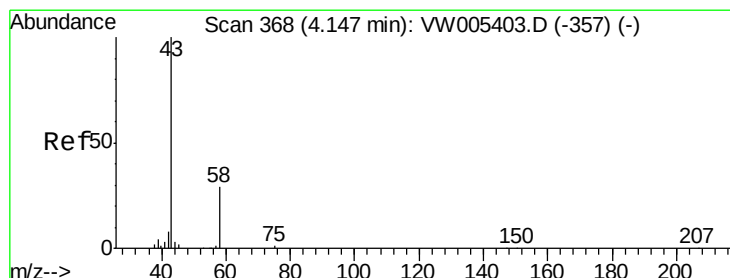
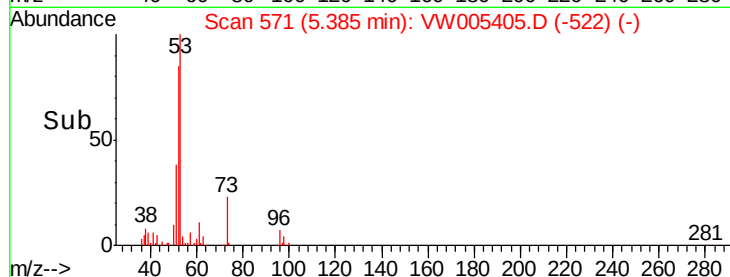
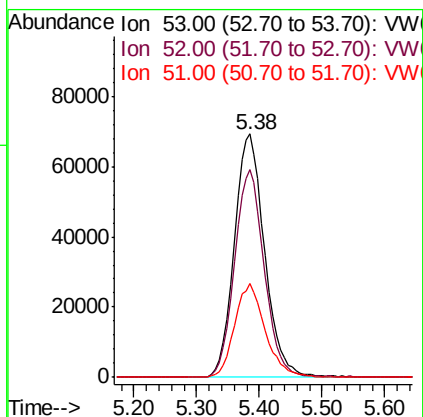
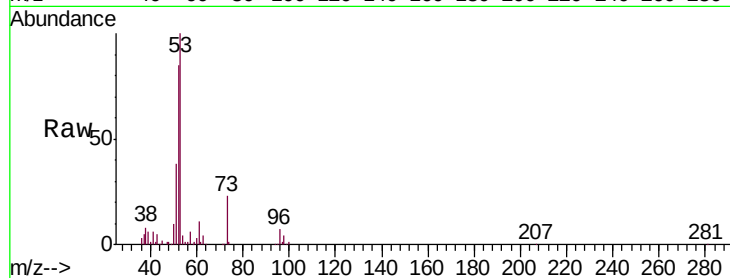
Tgt Ion: 53 Resp: 230817

Ion Ratio Lower Upper

53 100

52 83.6 66.6 99.8

51 38.8 31.1 46.7



#16

Acetone

Concen: 507.262 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005405.D

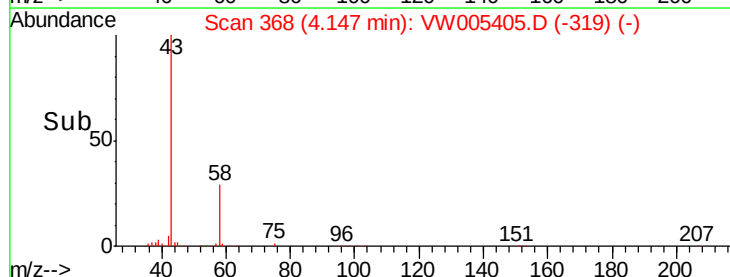
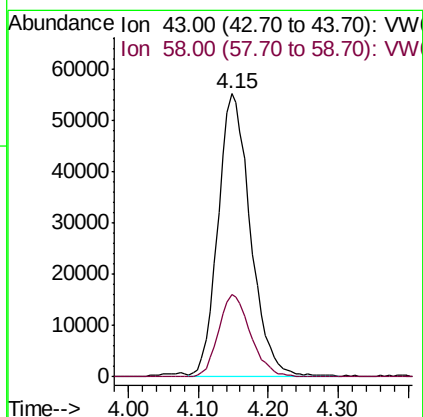
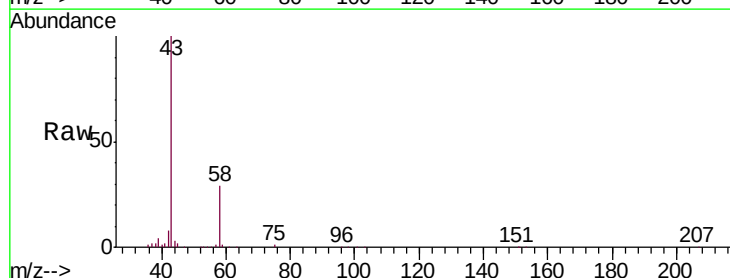
Acq: 15 Sep 2018 00:57

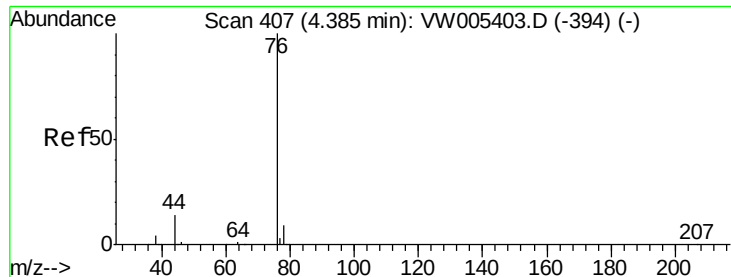
Tgt Ion: 43 Resp: 177339

Ion Ratio Lower Upper

43 100

58 29.0 22.8 34.2





#17

Carbon Disulfide

Concen: 94.221 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

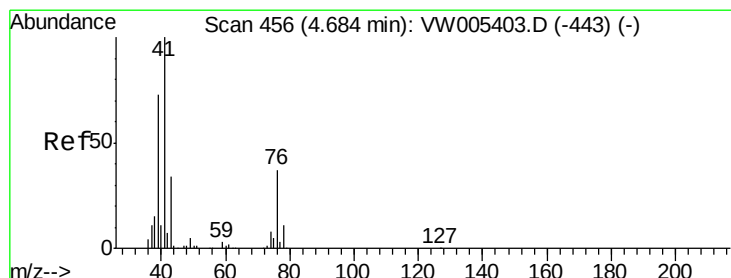
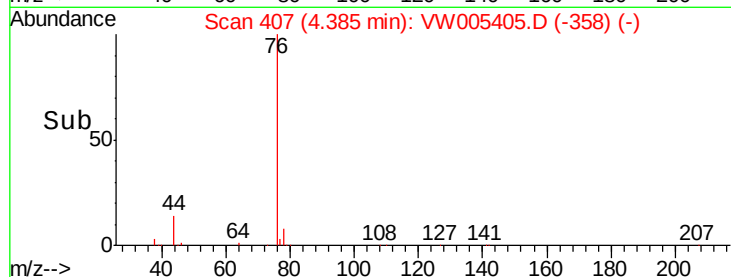
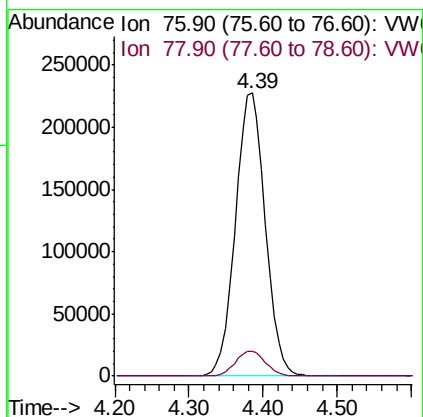
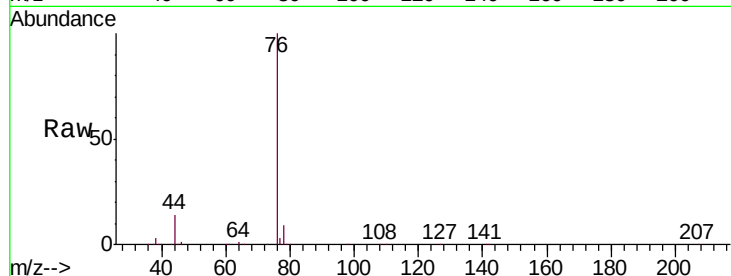
VSTDIC100

Tgt Ion: 76 Resp: 638261

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 106.548 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005405.D

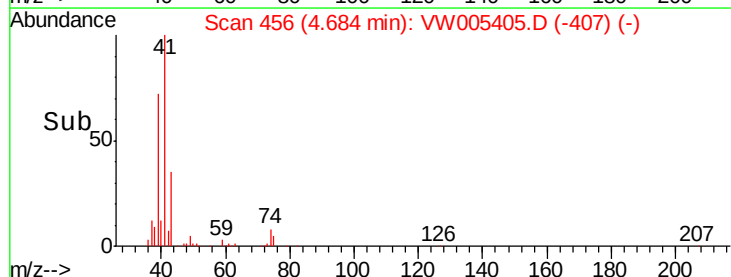
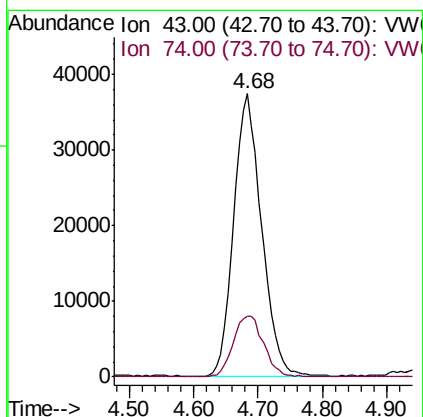
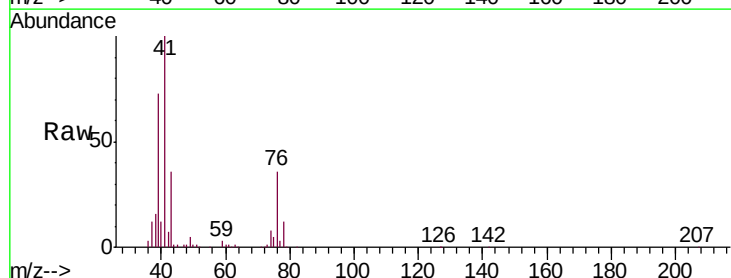
Acq: 15 Sep 2018 00:57

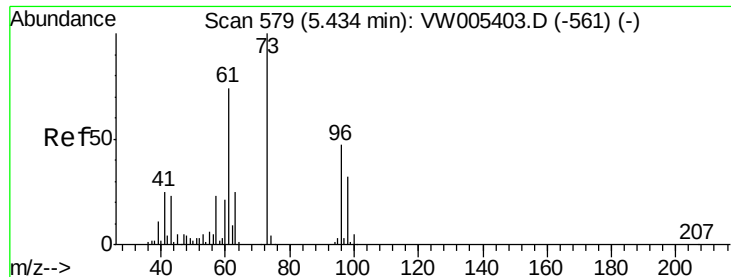
Tgt Ion: 43 Resp: 112344

Ion Ratio Lower Upper

43 100

74 23.3 17.7 26.5

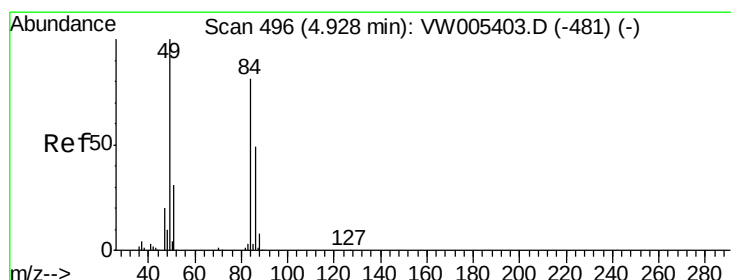
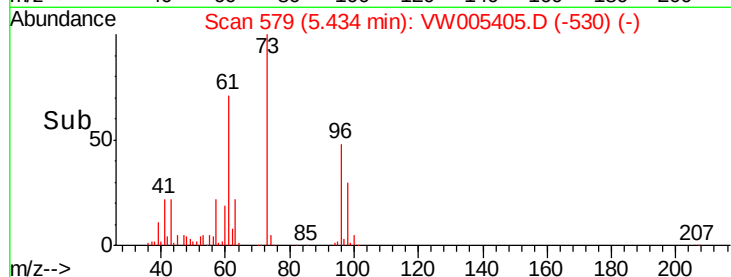
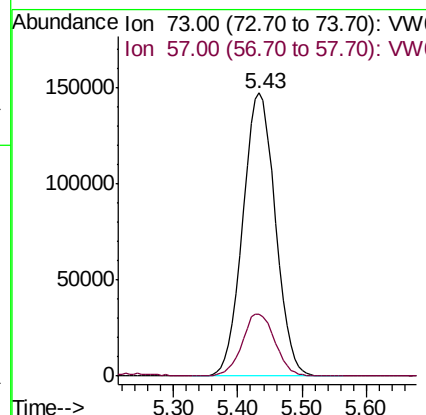
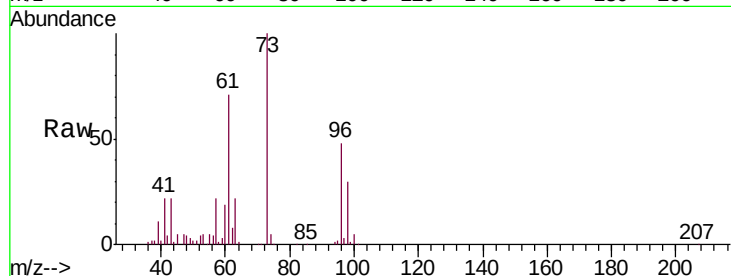




#19
Methyl tert-butyl Ether
Concen: 108.041 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

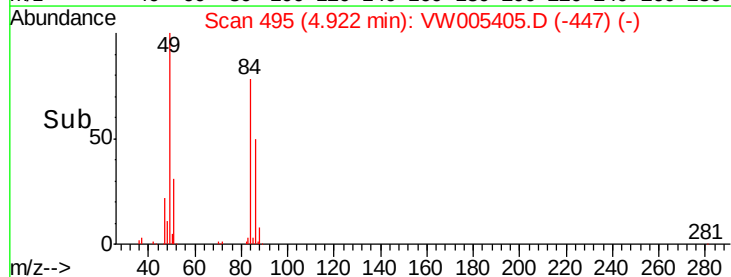
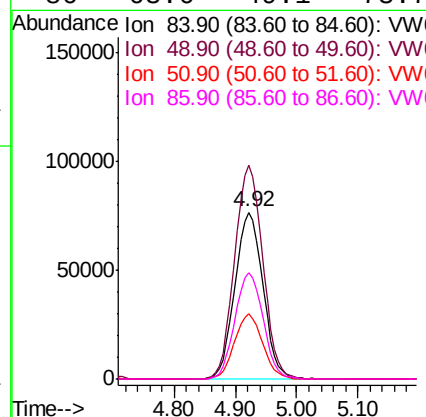
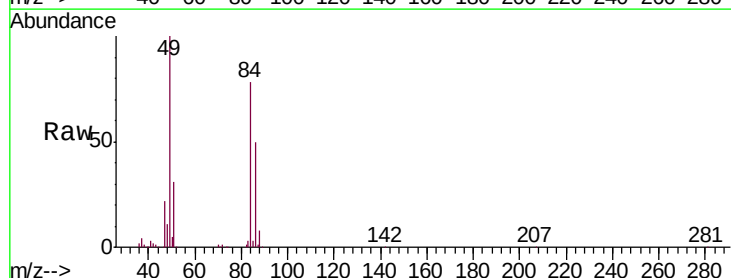
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

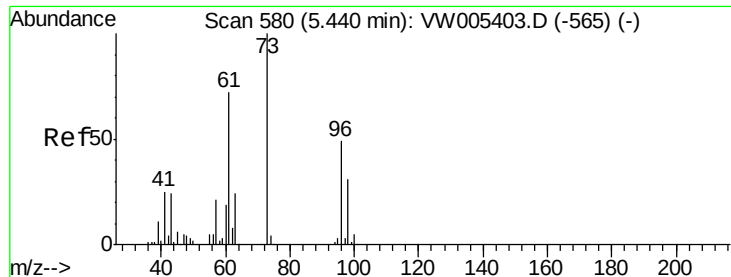
Tgt Ion: 73 Resp: 511538
Ion Ratio Lower Upper
73 100
57 21.7 18.6 28.0



#20
Methylene Chloride
Concen: 82.956 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 84 Resp: 241607
Ion Ratio Lower Upper
84 100
49 128.1 99.3 148.9
51 39.3 31.1 46.7
86 63.6 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 93.181 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

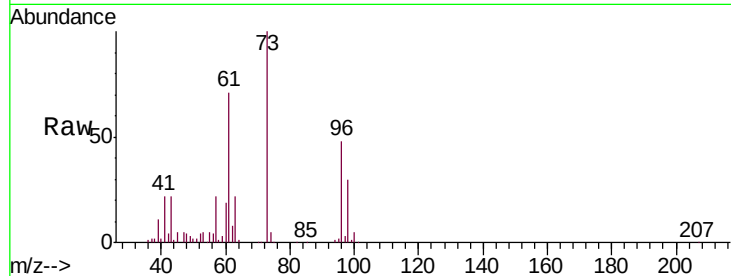
Tgt Ion: 96 Resp: 211577

Ion Ratio Lower Upper

96 100

61 147.5 116.7 175.1

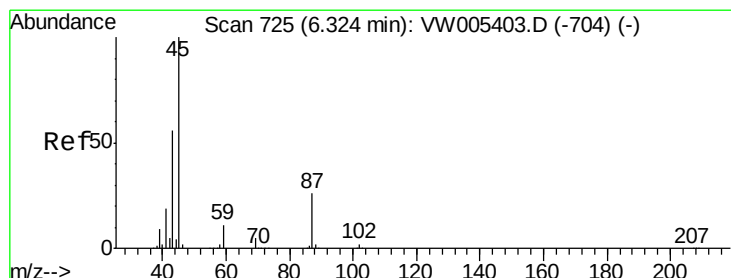
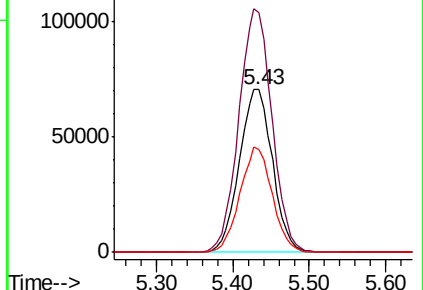
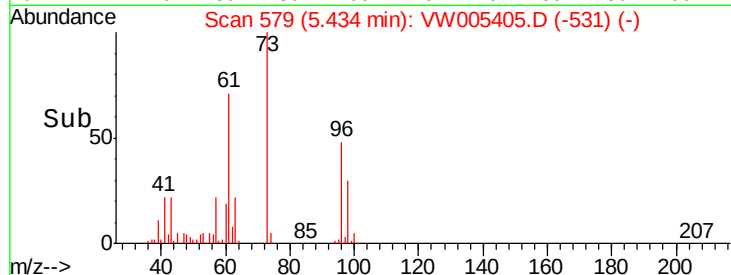
98 62.7 51.0 76.6



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: 110.805 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion: 45 Resp: 687932

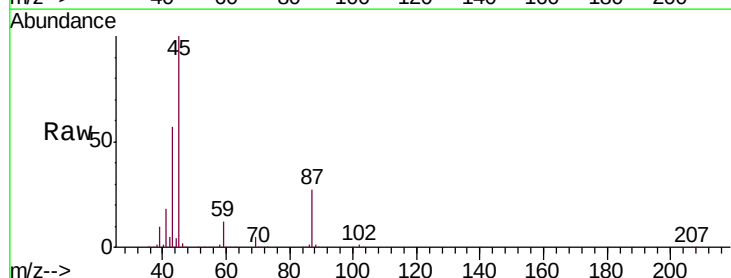
Ion Ratio Lower Upper

45 100

43 56.2 44.6 67.0

87 26.5 20.6 31.0

59 11.4 8.9 13.3

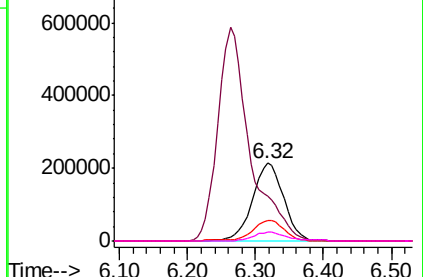
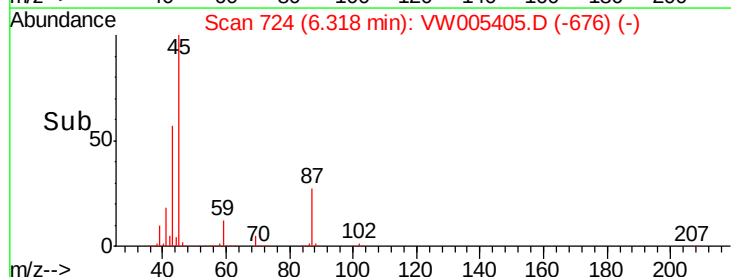


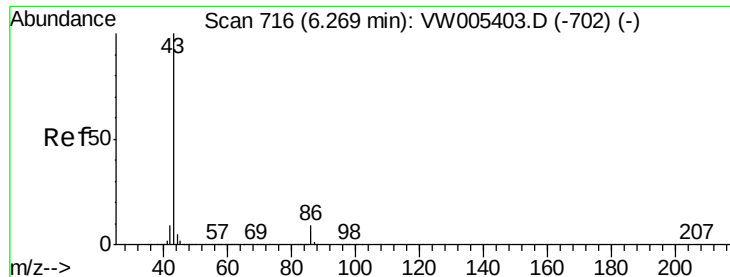
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 558.134 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

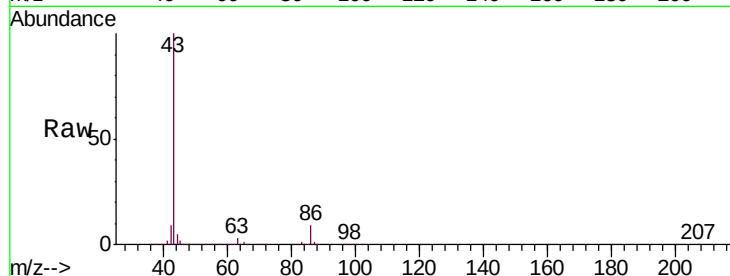
VSTDIC100

Tgt Ion: 43 Resp: 1937633

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

600000

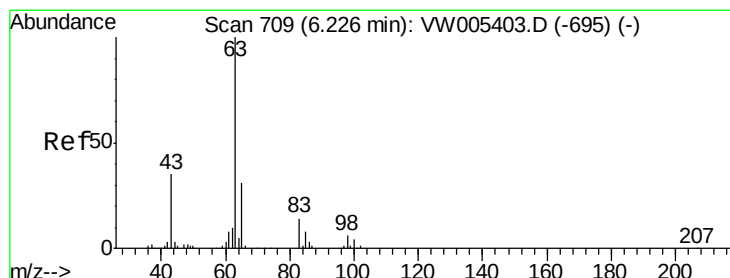
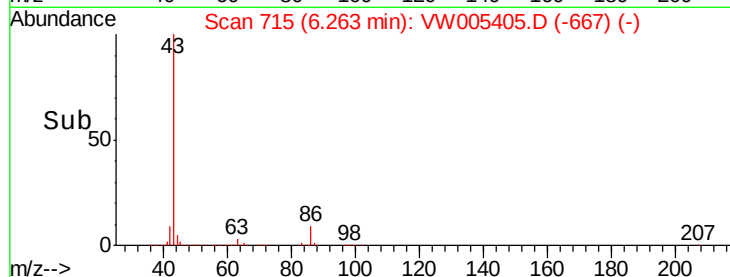
400000

200000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 103.420 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

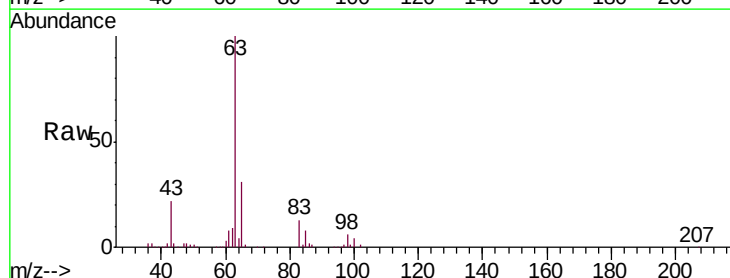
Tgt Ion: 63 Resp: 392956

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

150000

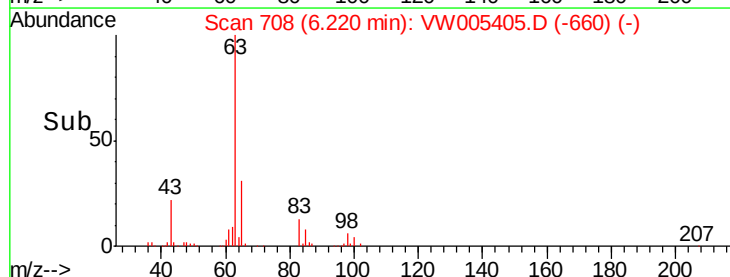
100000

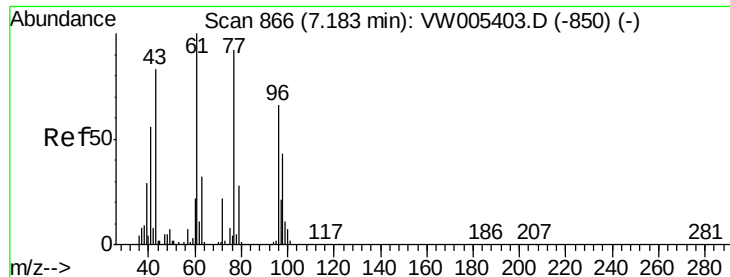
50000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 492.210 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

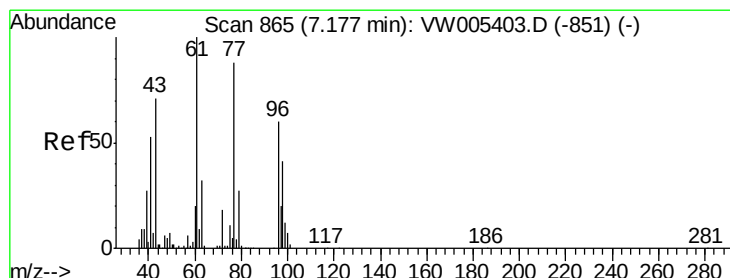
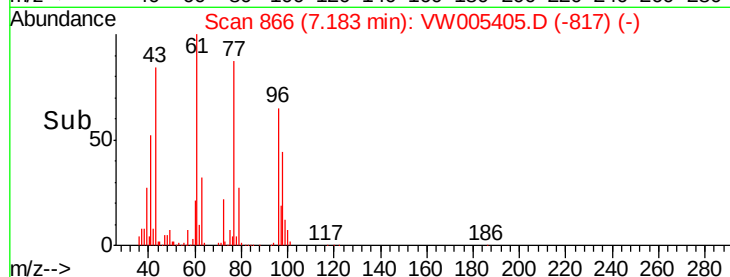
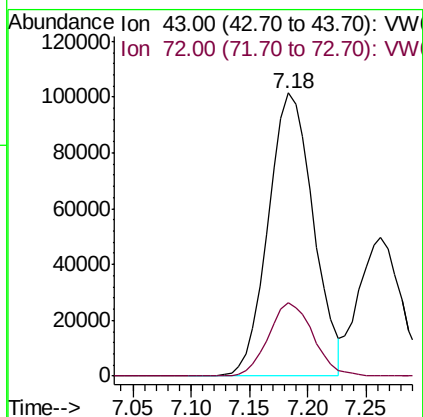
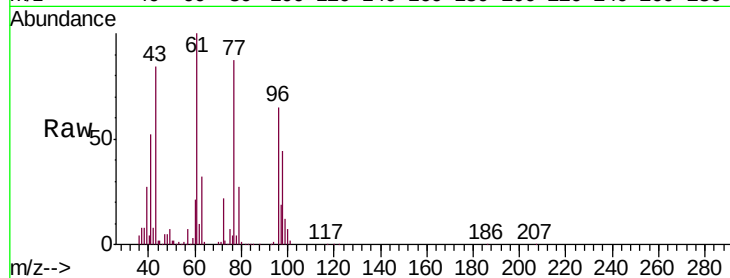
VSTDIC100

Tgt Ion: 43 Resp: 271904

Ion Ratio Lower Upper

43 100

72 25.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 101.894 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005405.D

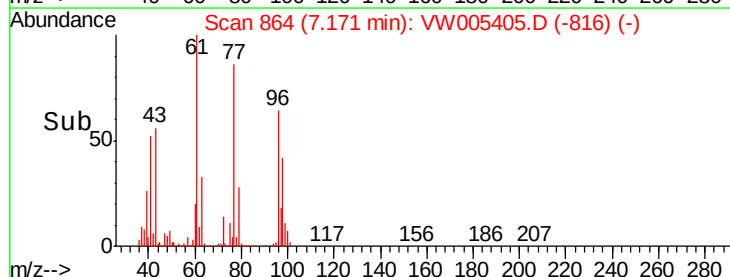
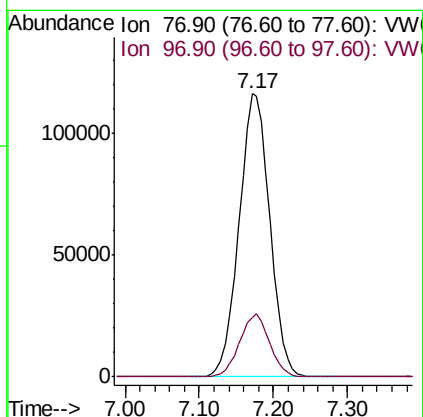
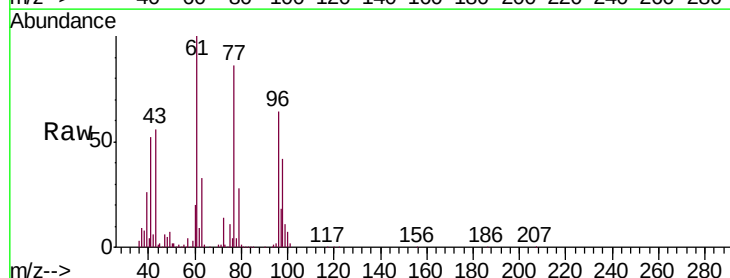
Acq: 15 Sep 2018 00:57

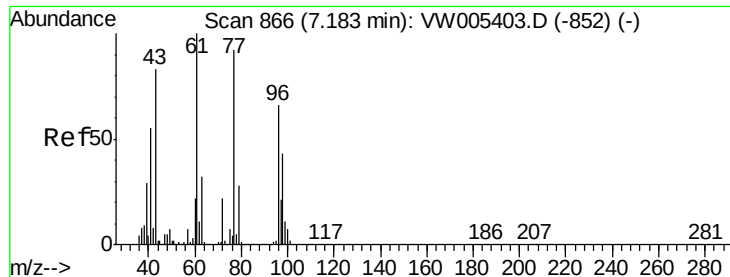
Tgt Ion: 77 Resp: 336249

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1



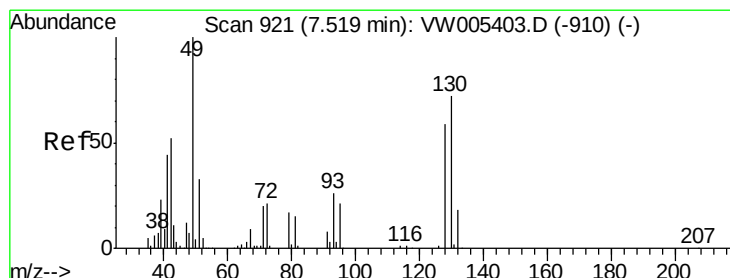
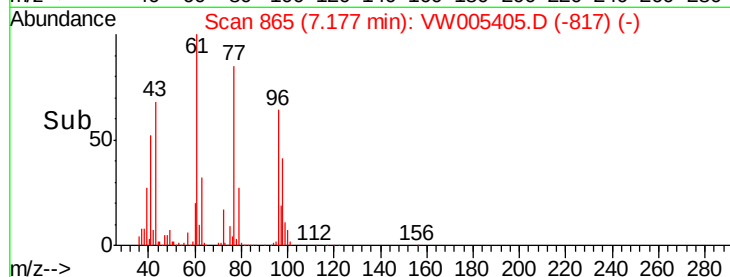
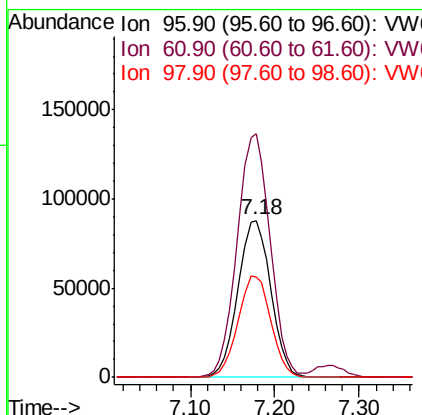
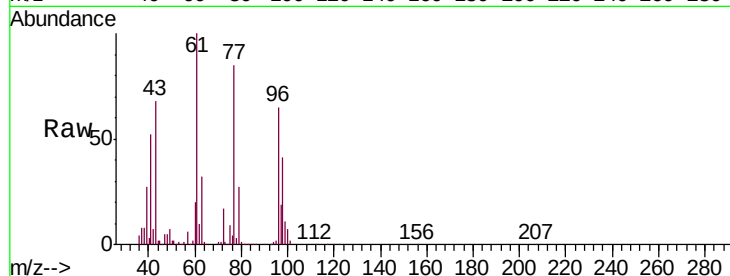


#27

cis-1,2-Dichloroethene
 Concen: 95.287 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

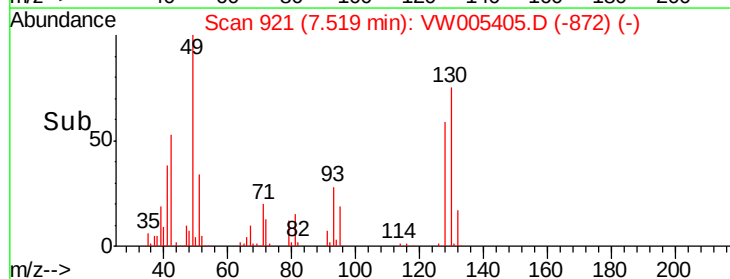
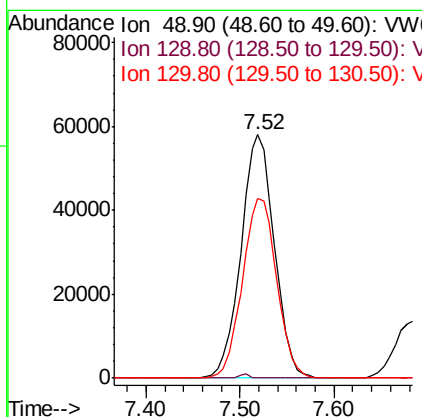
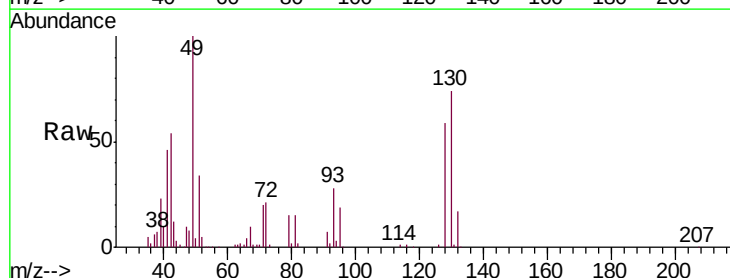
Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	316.0
98	64.6	0.0	130.8

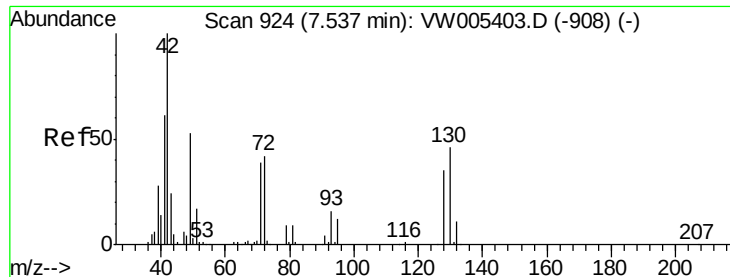


#28

Bromochloromethane
 Concen: 102.686 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	76.0	61.4	92.2

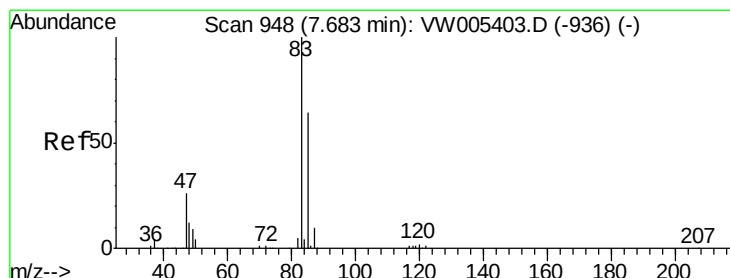
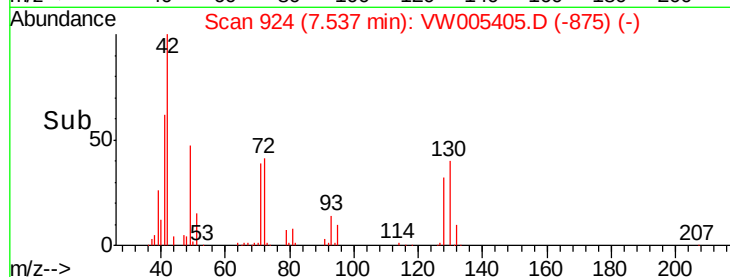
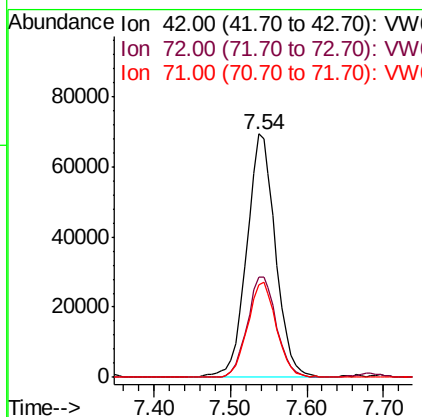
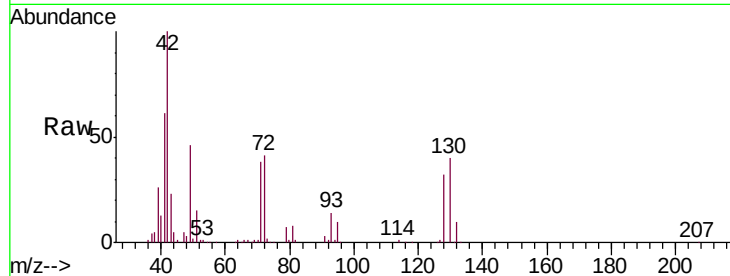




#29
Tetrahydrofuran
Concen: 492.539 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

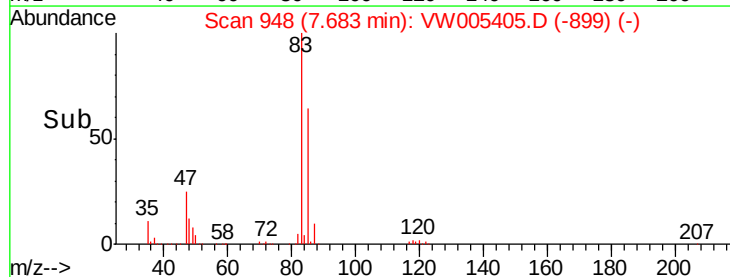
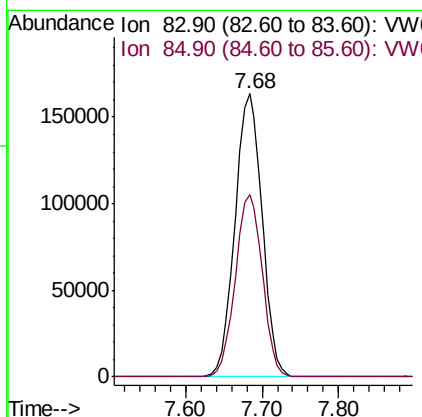
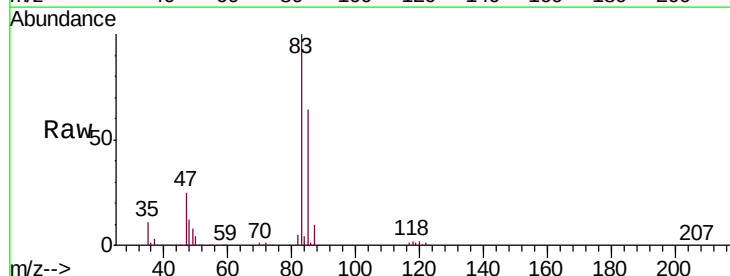
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

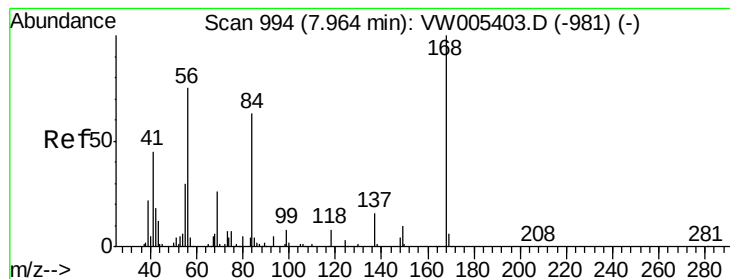
Tgt Ion: 42 Resp: 181348
Ion Ratio Lower Upper
42 100
72 41.8 33.2 49.8
71 39.1 31.0 46.6



#30
Chloroform
Concen: 105.037 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 83 Resp: 400713
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 96.509 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

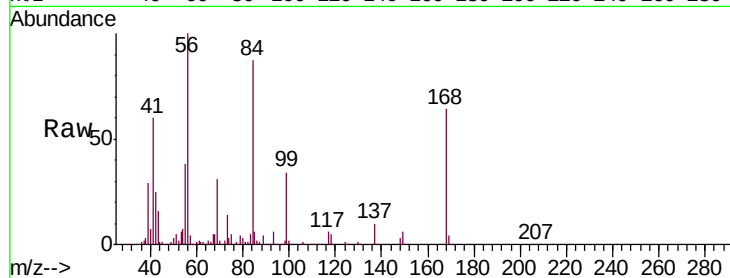
Tgt Ion: 56 Resp: 379471

Ion Ratio Lower Upper

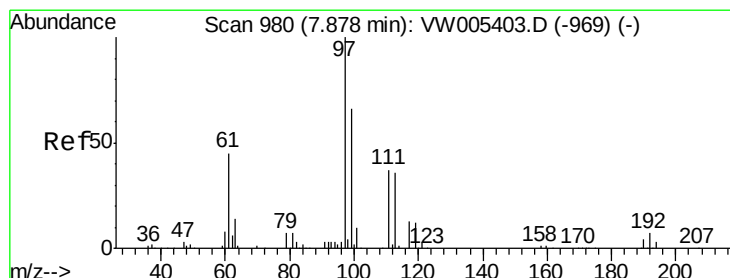
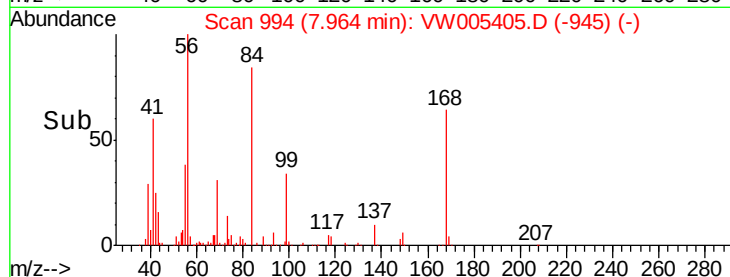
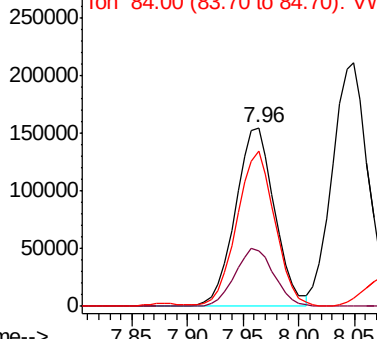
56 100

69 31.4 27.2 40.8

84 85.4 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 107.324 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

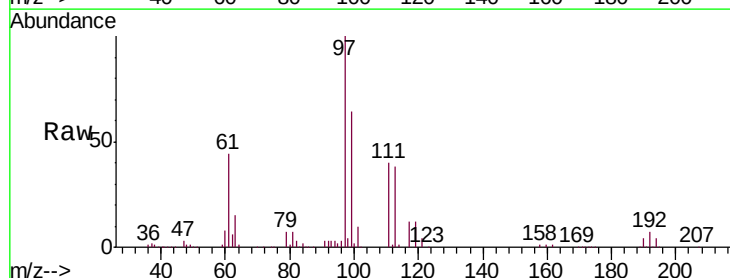
Tgt Ion: 97 Resp: 372487

Ion Ratio Lower Upper

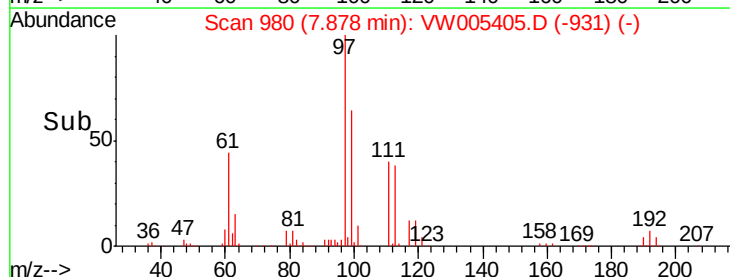
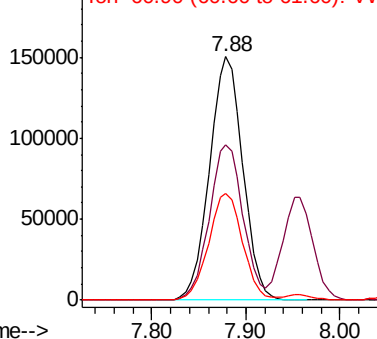
97 100

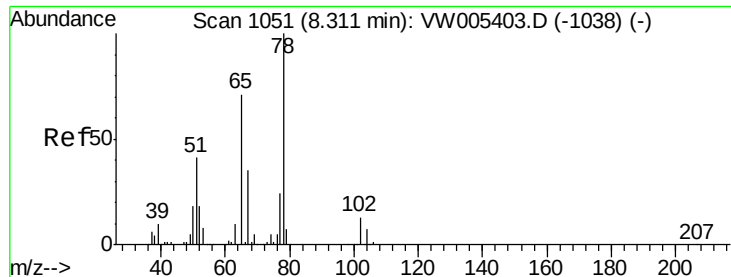
99 64.7 51.5 77.3

61 44.7 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

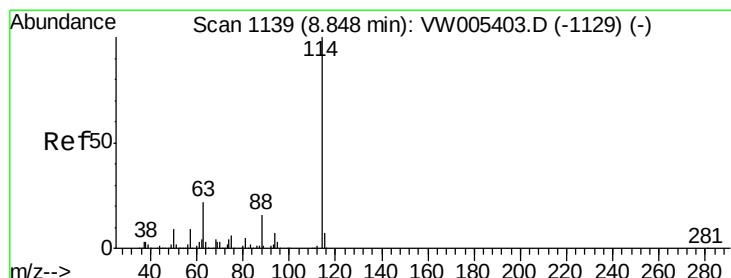
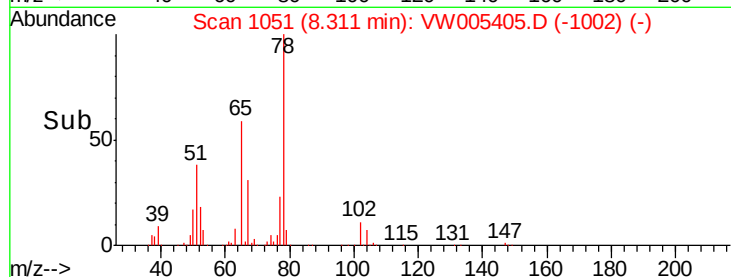
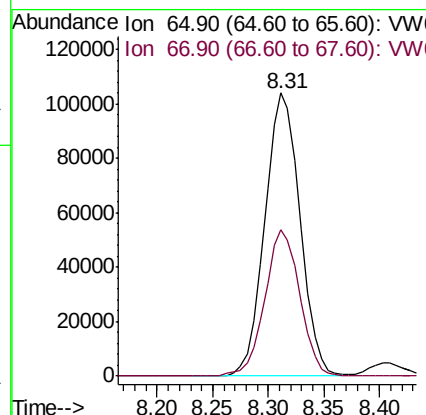
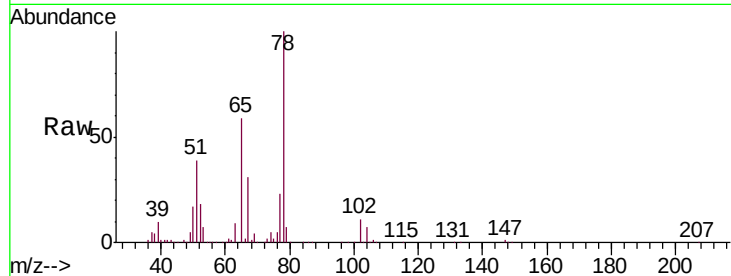




#33
 1,2-Dichloroethane-d4
 Concen: 118.071 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

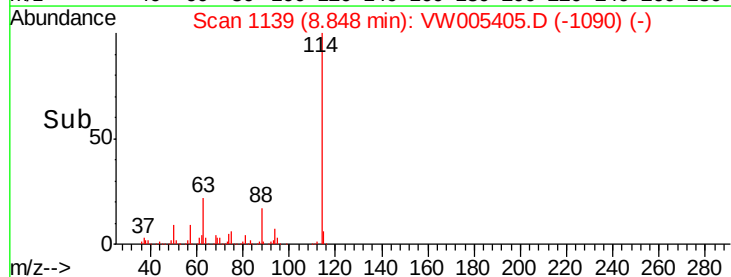
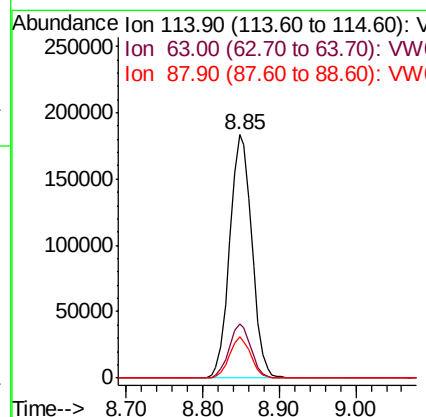
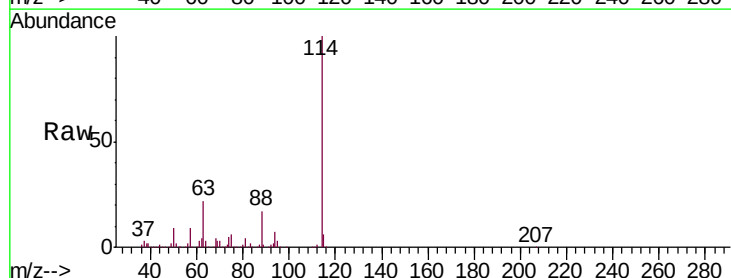
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

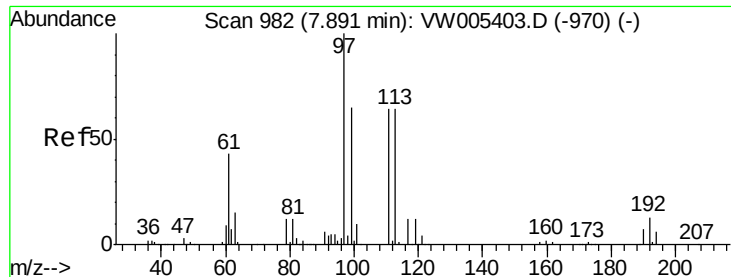
Tgt Ion: 65 Resp: 228765
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 114 Resp: 366353
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.8 0.0 31.8

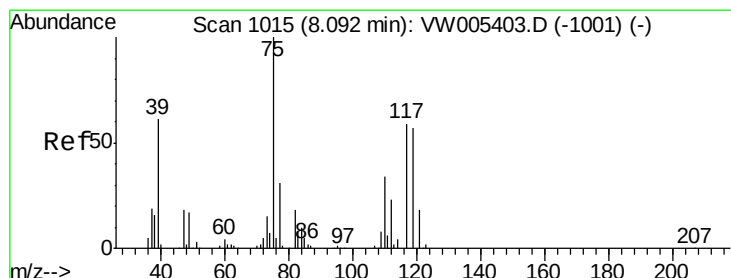
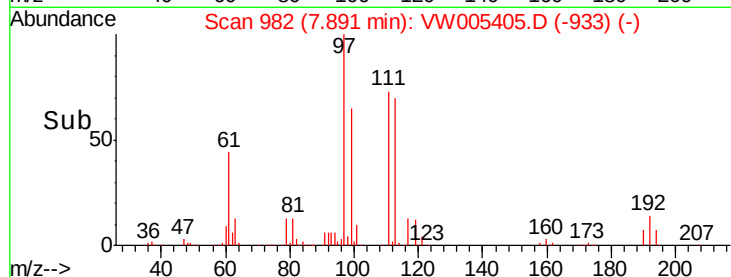
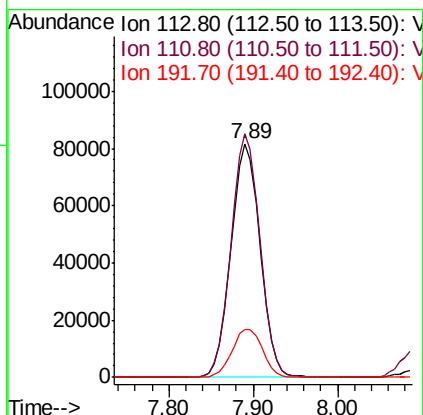
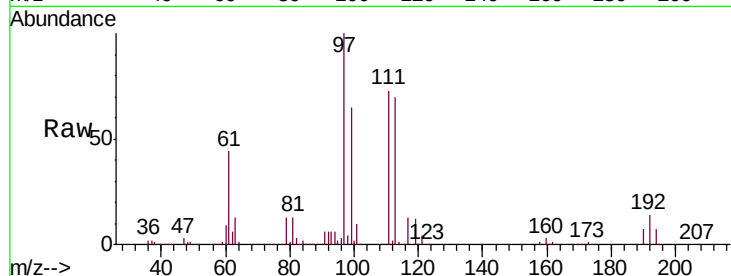




#35
 Dibromofluoromethane
 Concen: 99.240 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

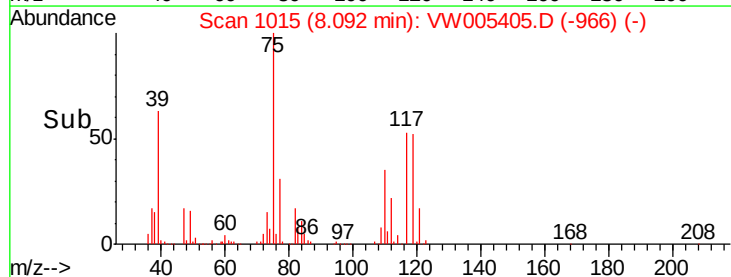
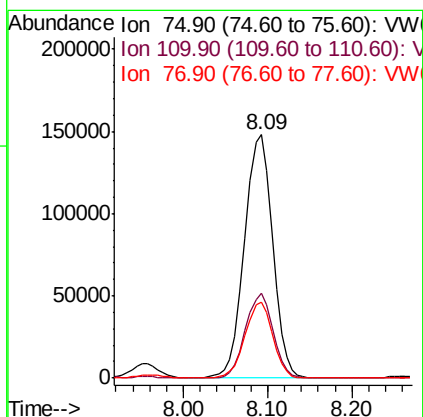
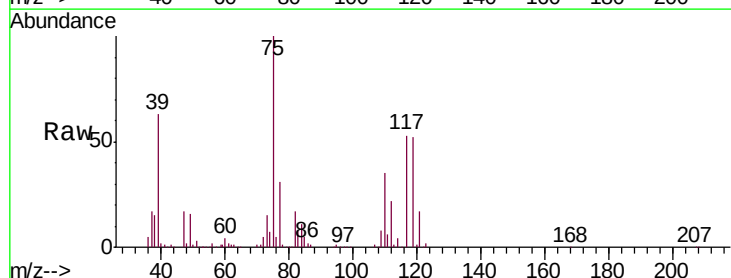
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

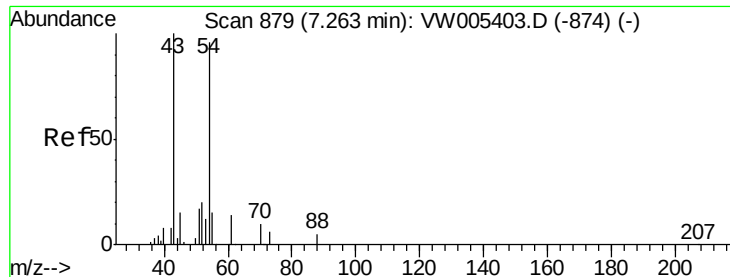
Tgt Ion: 113 Resp: 190898
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.3 123.5
 192 21.5 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 99.501 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 75 Resp: 335643
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.8 50.4
 77 30.8 24.2 36.4

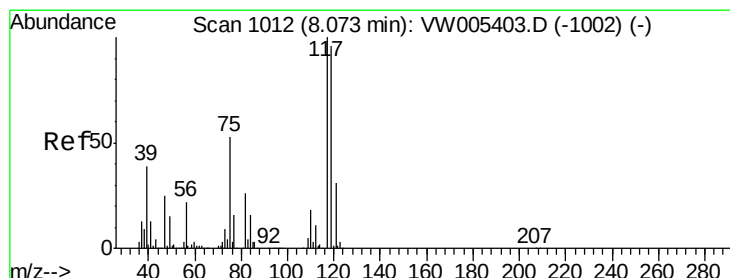
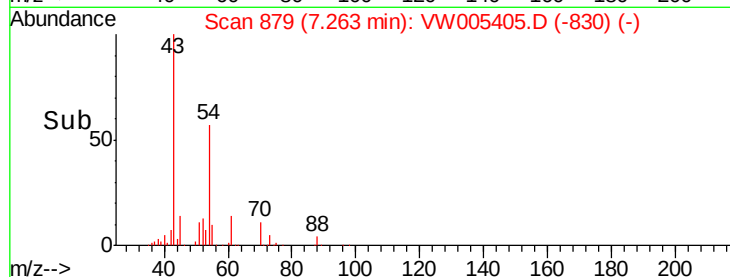
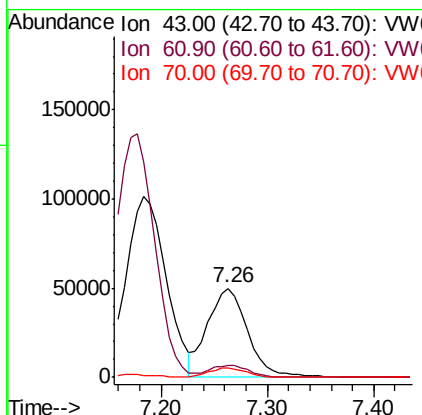
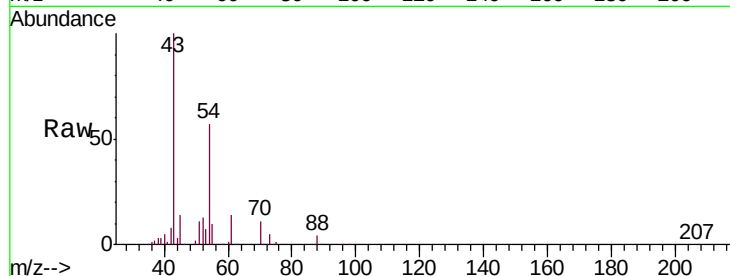




#37
 Ethyl Acetate
 Concen: 99.690 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

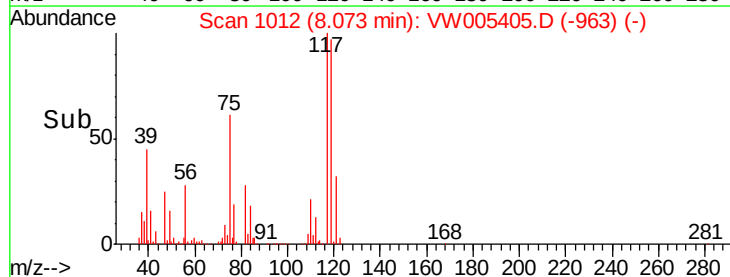
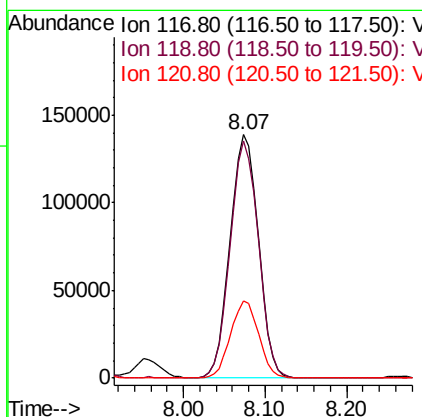
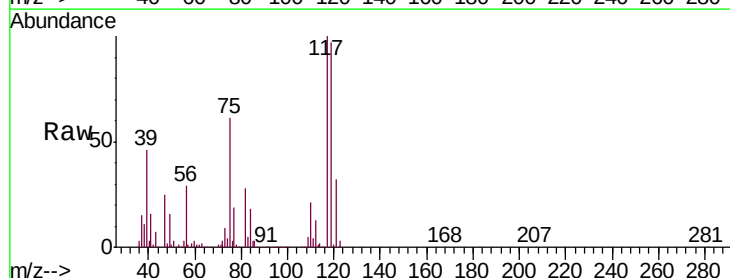
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

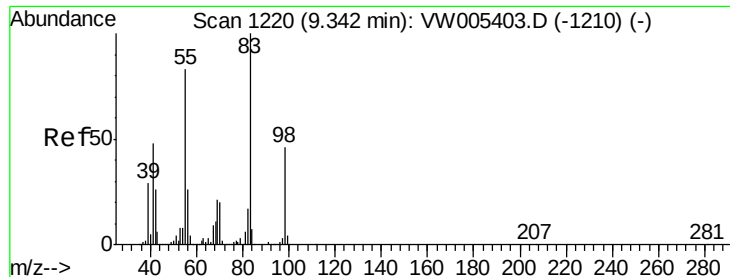
Tgt Ion: 43 Resp: 129970
 Ion Ratio Lower Upper
 43 100
 61 13.3 11.3 16.9
 70 10.3 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 104.035 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 117 Resp: 334562
 Ion Ratio Lower Upper
 117 100
 119 97.3 76.8 115.2
 121 31.9 24.7 37.1

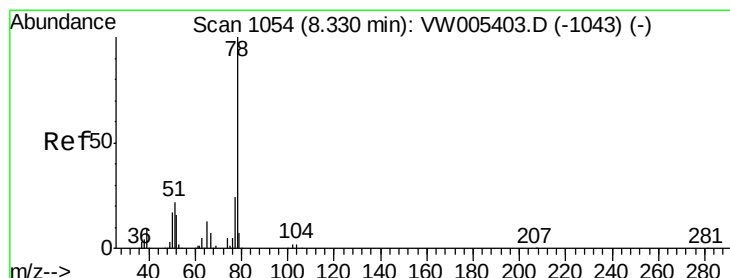
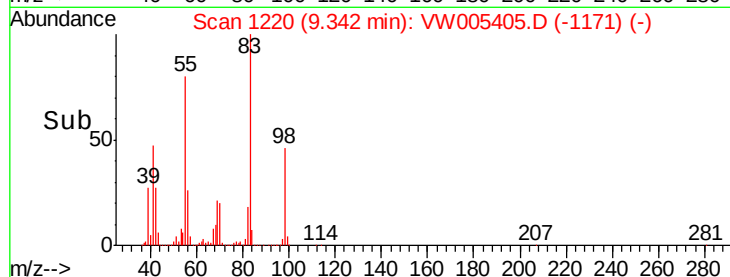
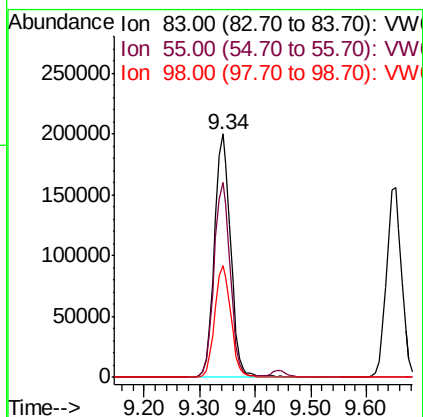
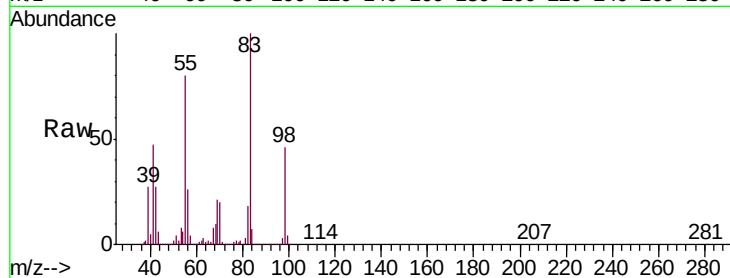




#39
Methylcyclohexane
Concen: 92.465 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

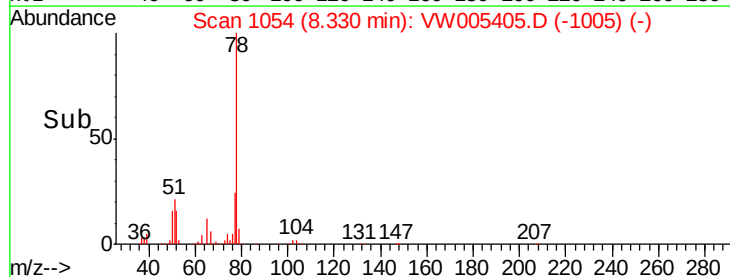
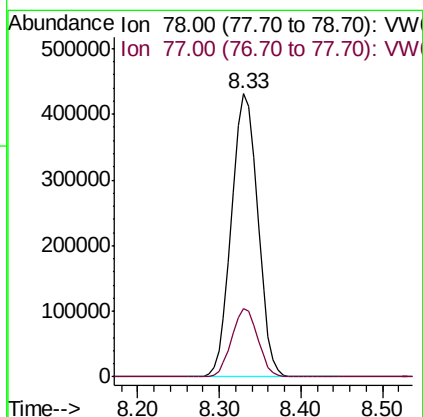
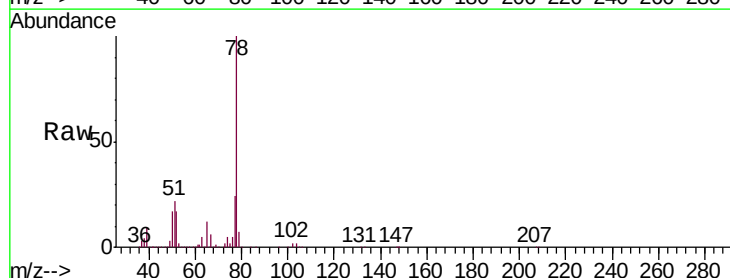
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

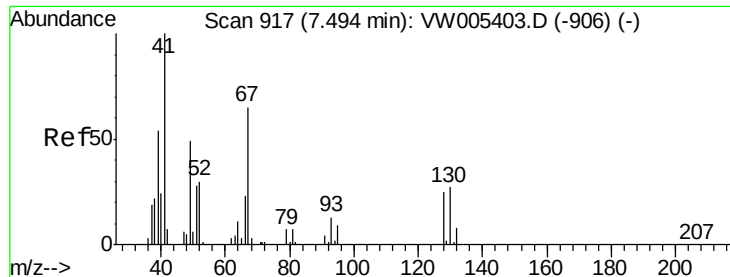
Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.2	66.1	99.1
98	46.1	36.7	55.1



#40
Benzene
Concen: 97.366 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

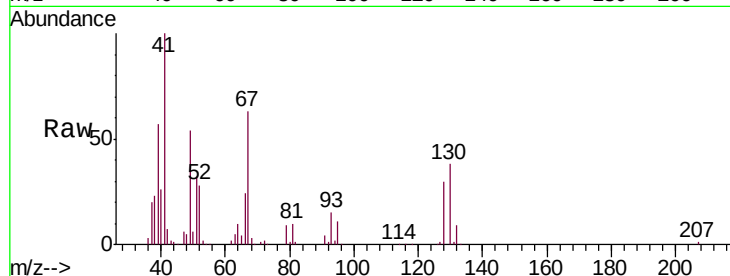




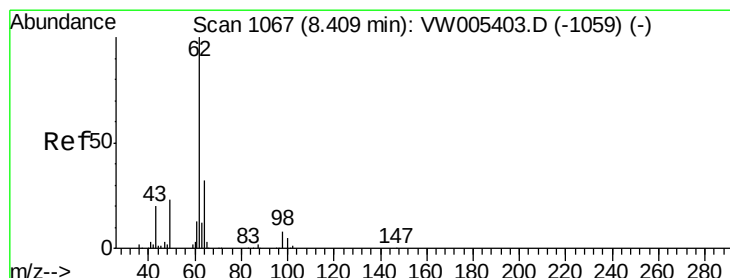
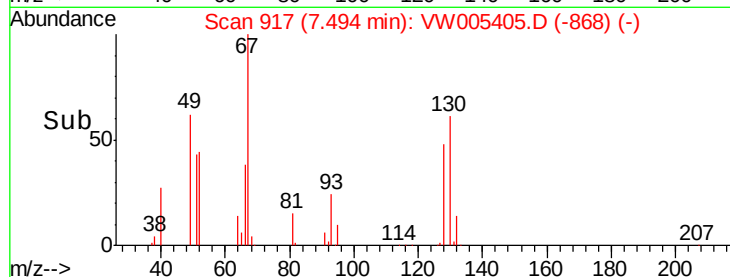
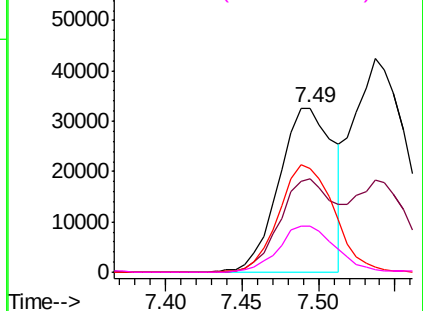
#41
Methacrylonitrile
Concen: 119.308 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	81147
Ion	Ratio	Lower	Upper
41	100		
39	61.7	44.6	67.0
67	66.2	53.6	80.4
52	29.5	24.9	37.3

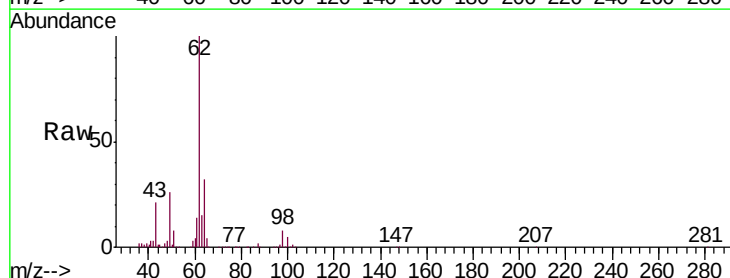


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

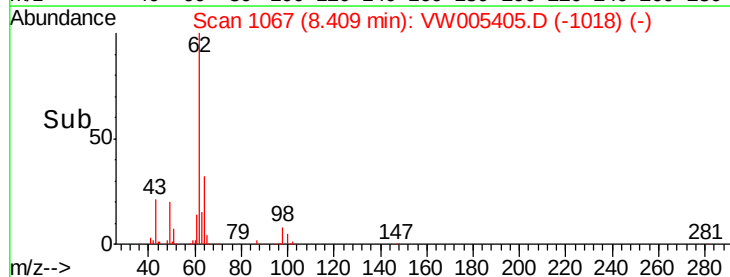
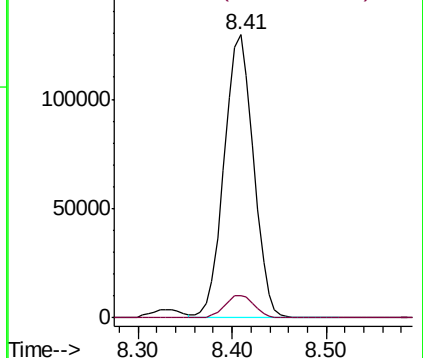


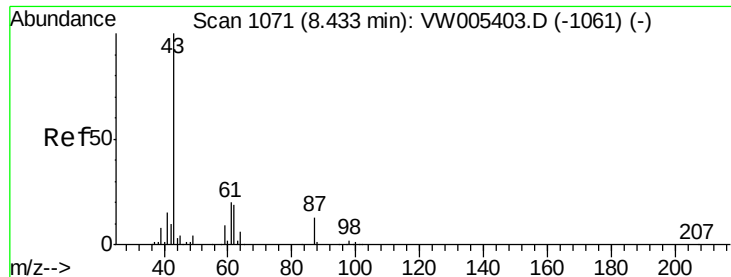
#42
1,2-Dichloroethane
Concen: 112.336 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion:	62	Resp:	280176
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

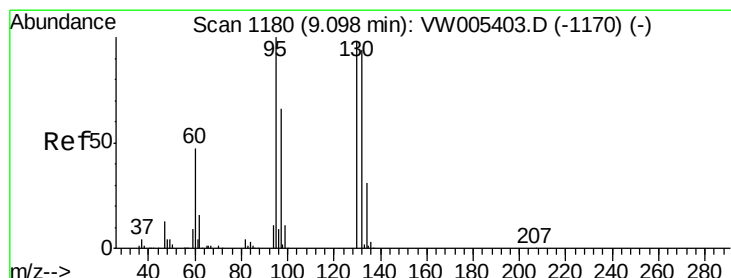
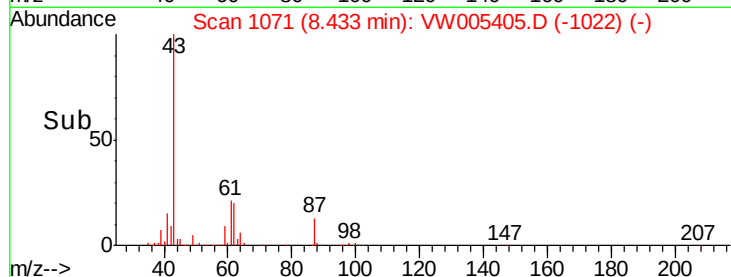
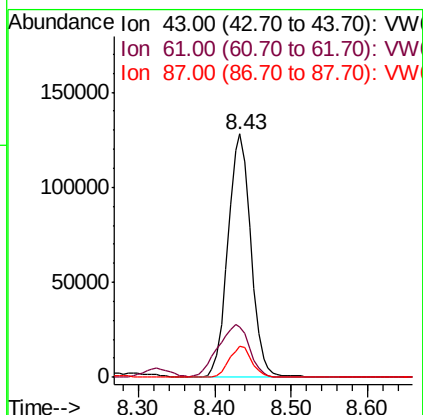
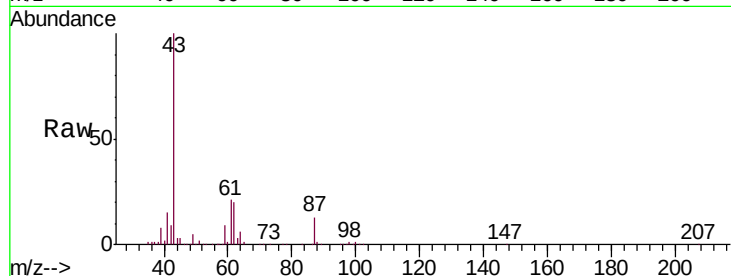




#43
Isopropyl Acetate
Concen: 108.418 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

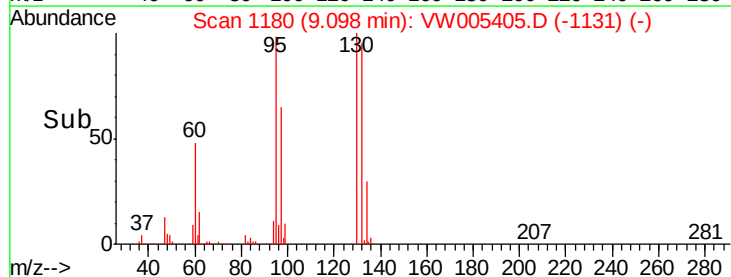
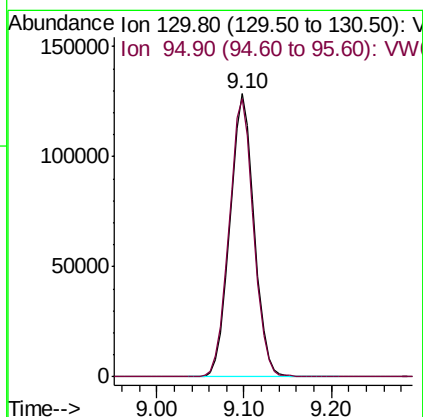
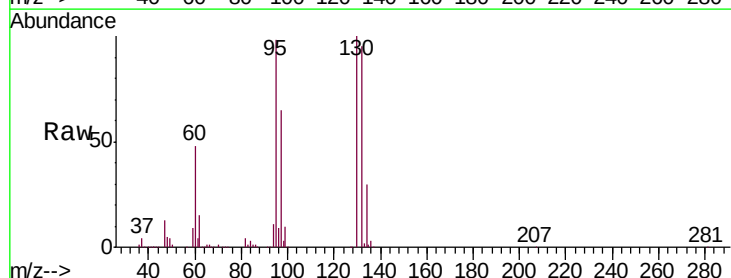
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

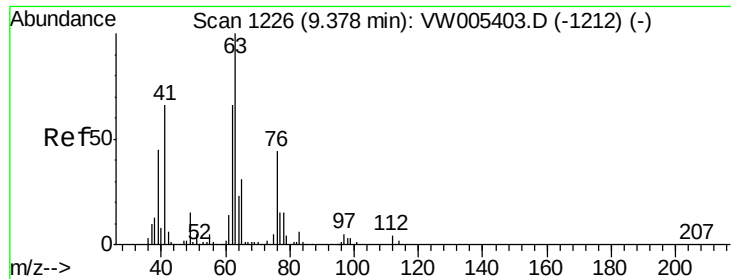
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6
87	12.6	10.1	15.1



#44
Trichloroethene
Concen: 92.301 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 96.204 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

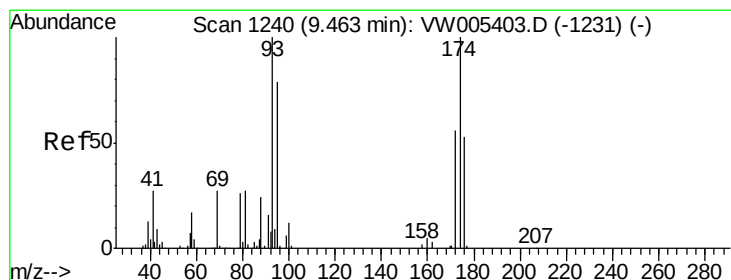
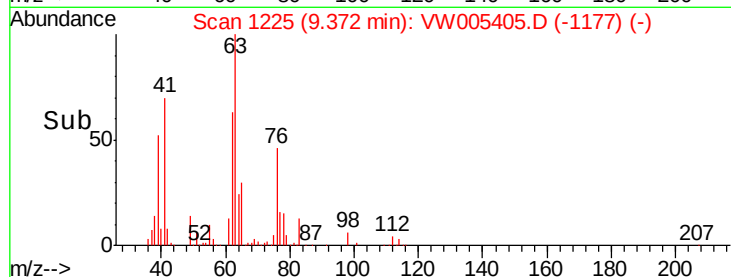
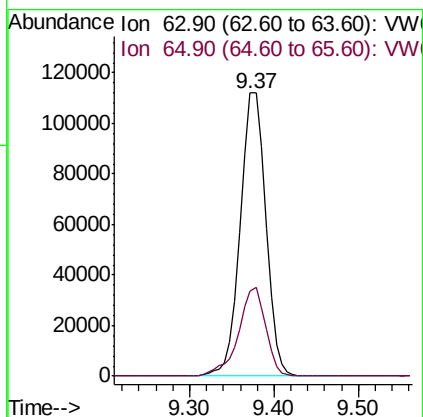
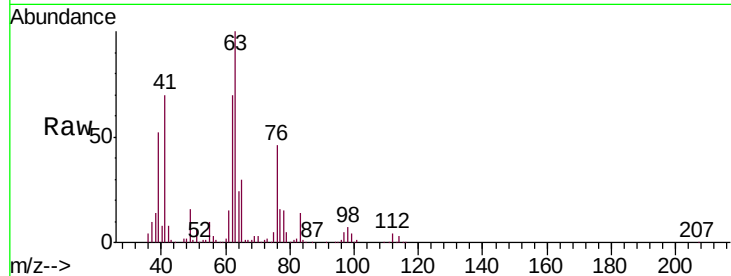
VSTDIC100

Tgt Ion: 63 Resp: 228465

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.6



#46

Dibromomethane

Concen: 91.648 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

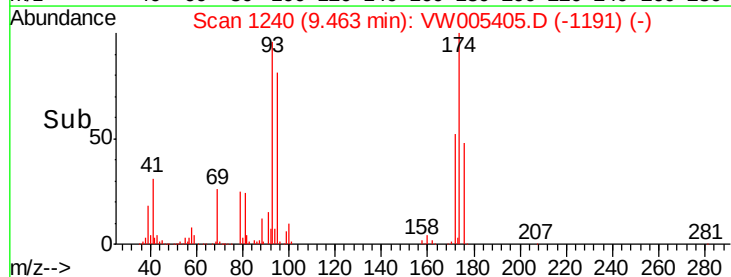
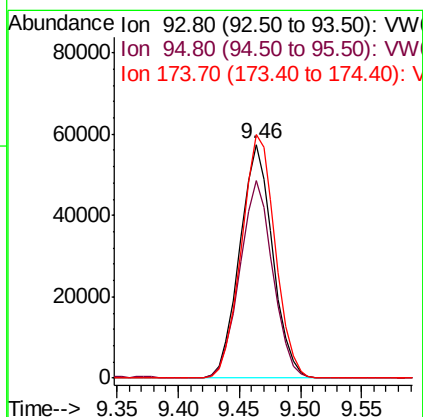
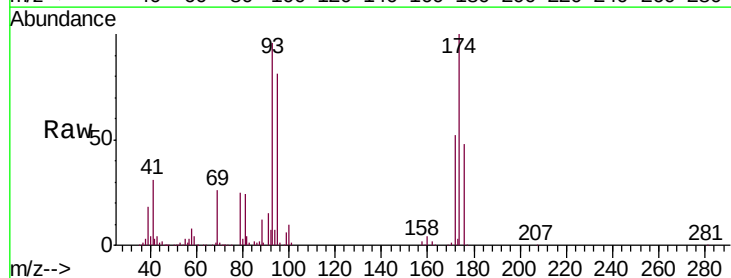
Tgt Ion: 93 Resp: 107364

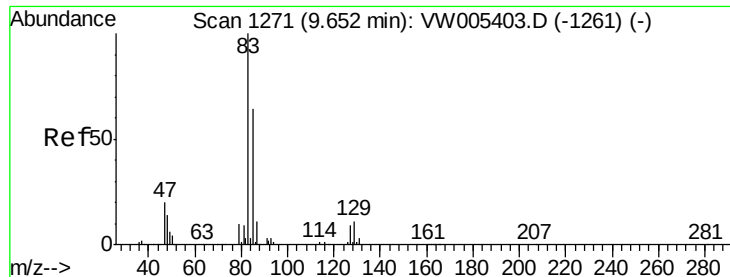
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.0

174 106.9 83.4 125.2





#47

Bromodichloromethane

Concen: 103.208 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

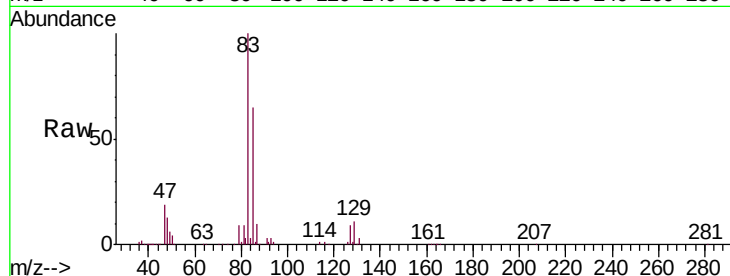
Tgt Ion: 83 Resp: 300090

Ion Ratio Lower Upper

83 100

85 65.3 50.9 76.3

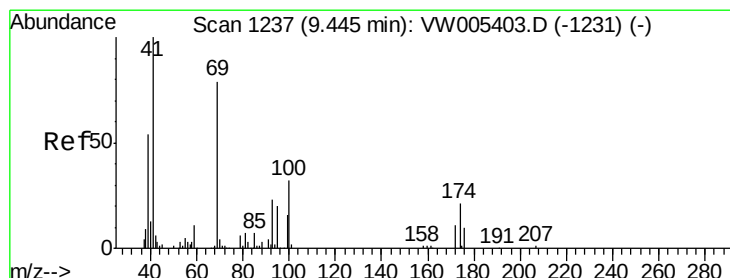
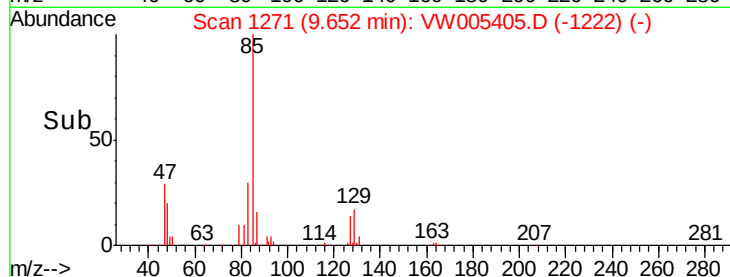
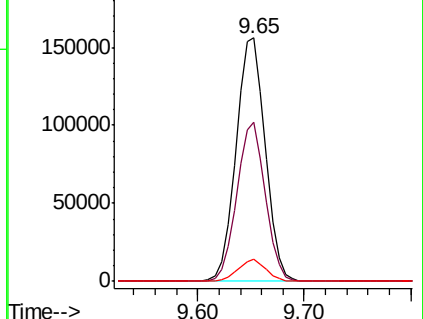
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 111.299 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

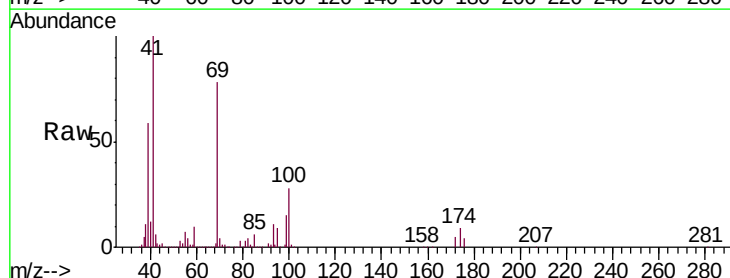
Tgt Ion: 41 Resp: 139599

Ion Ratio Lower Upper

41 100

69 81.7 67.5 101.3

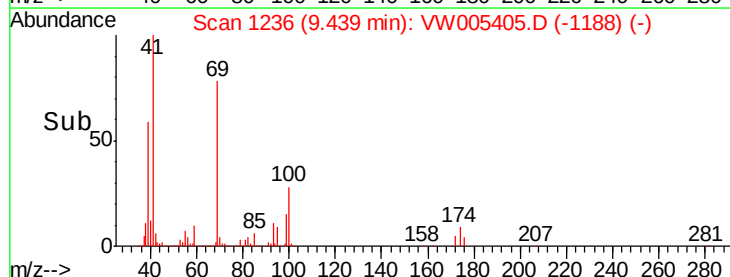
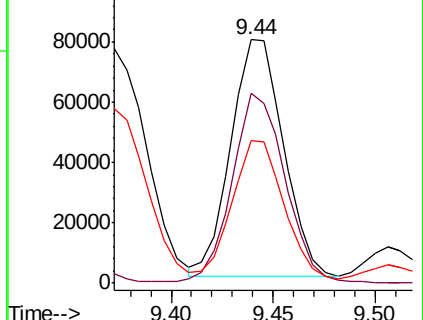
39 62.0 45.5 68.3

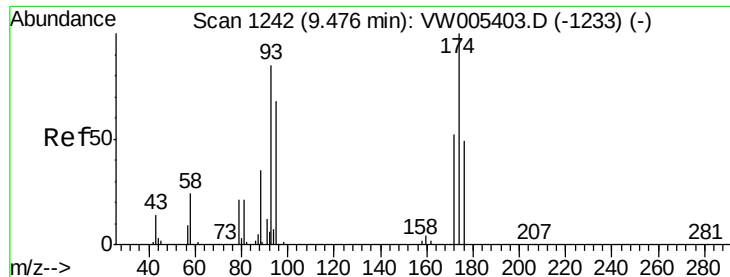


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1810.812 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

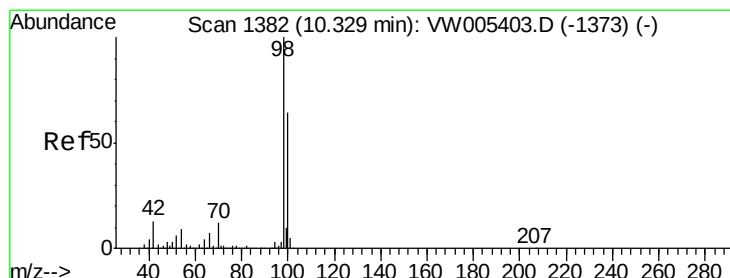
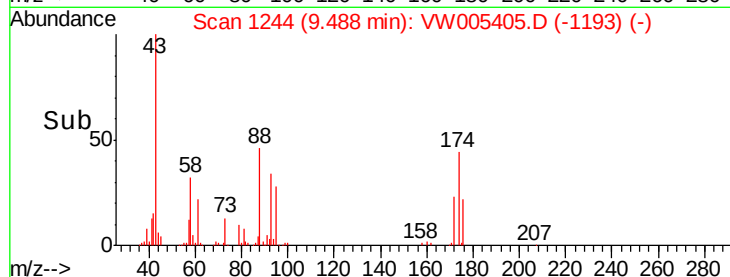
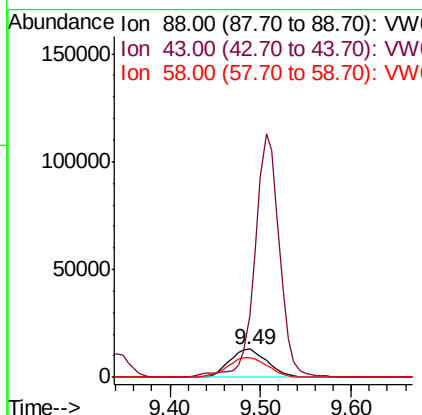
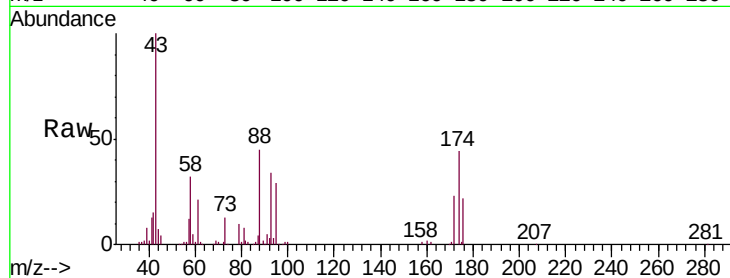
Tgt Ion: 88 Resp: 38513

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.0 62.4 93.6



#50

Toluene-d8

Concen: 95.260 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005405.D

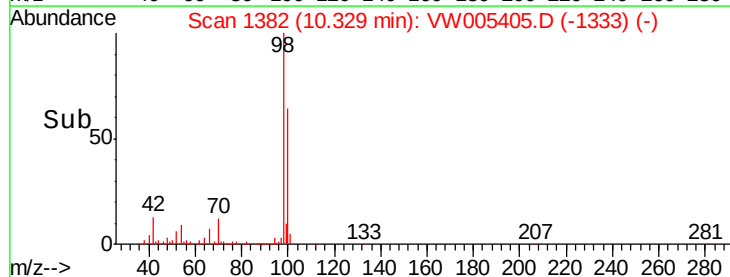
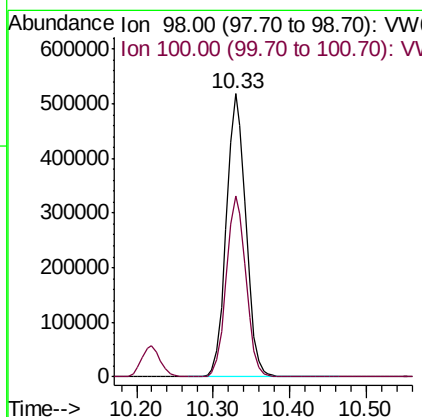
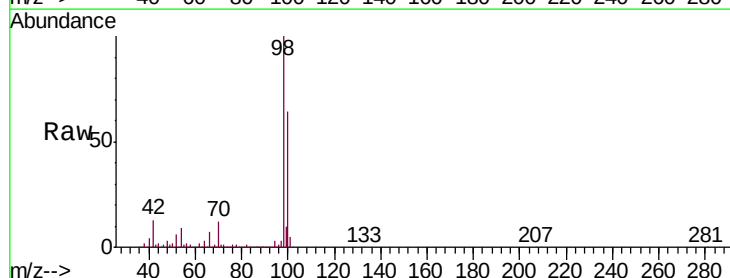
Acq: 15 Sep 2018 00:57

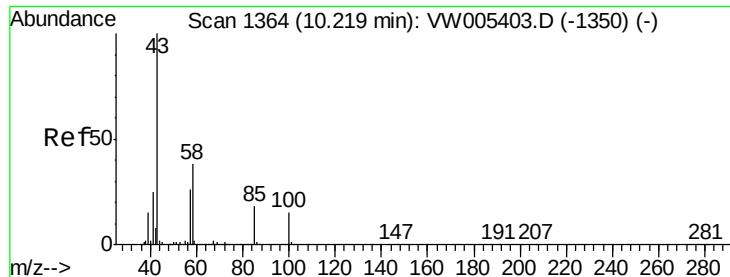
Tgt Ion: 98 Resp: 912348

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 507.539 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

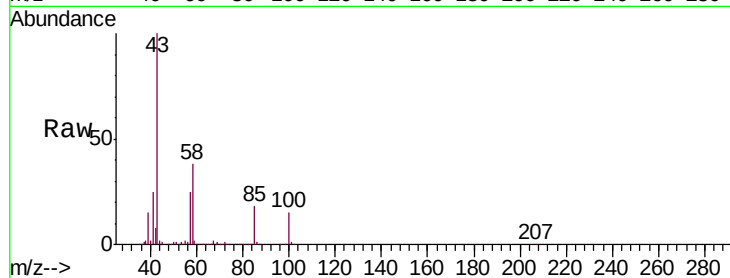
VSTDIC100

Tgt Ion: 43 Resp: 686055

Ion Ratio Lower Upper

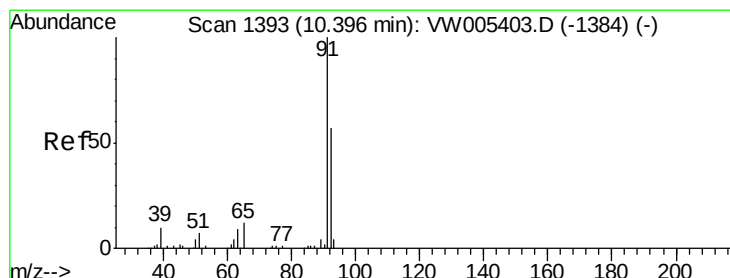
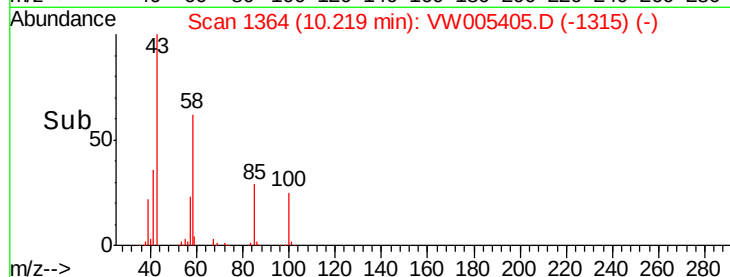
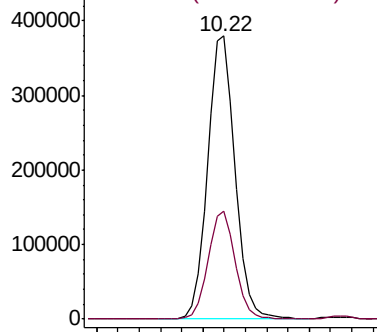
43 100

58 37.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 91.818 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005405.D

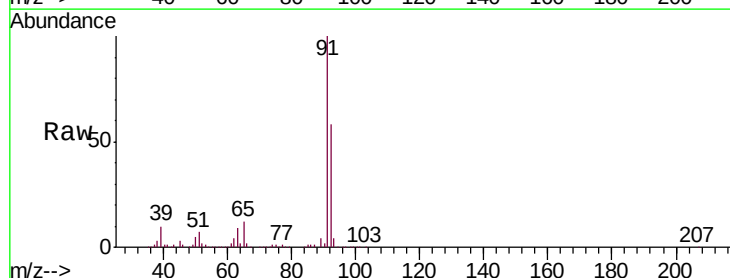
Acq: 15 Sep 2018 00:57

Tgt Ion: 92 Resp: 656004

Ion Ratio Lower Upper

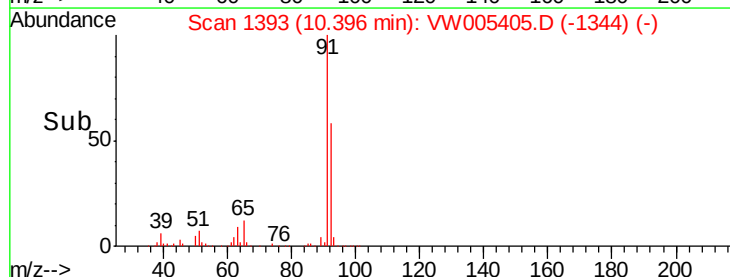
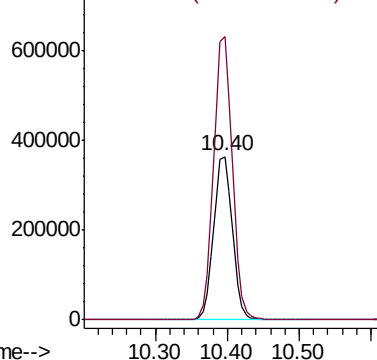
92 100

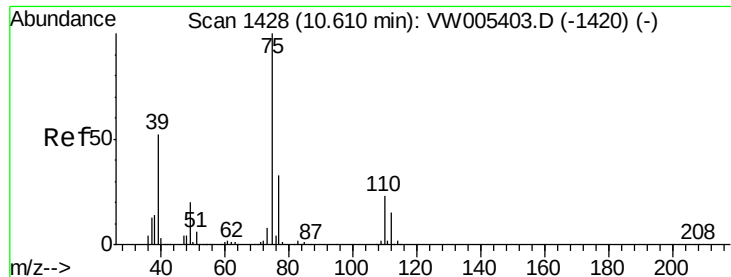
91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 103.004 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

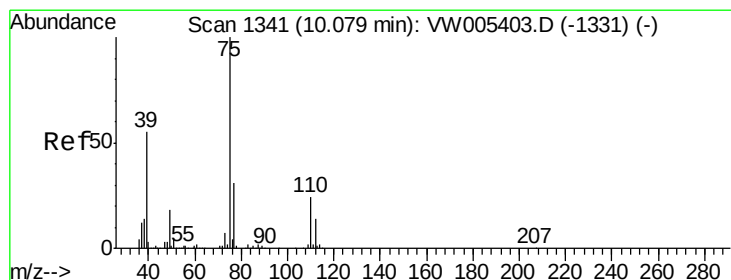
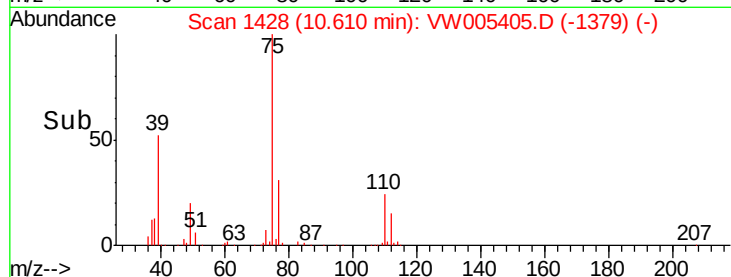
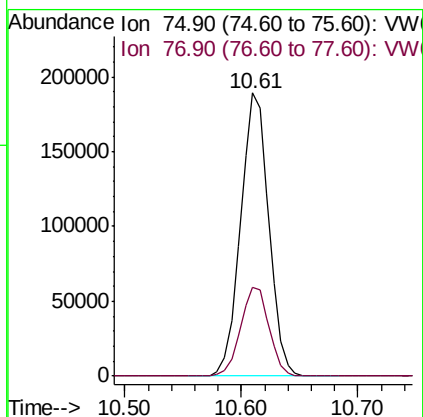
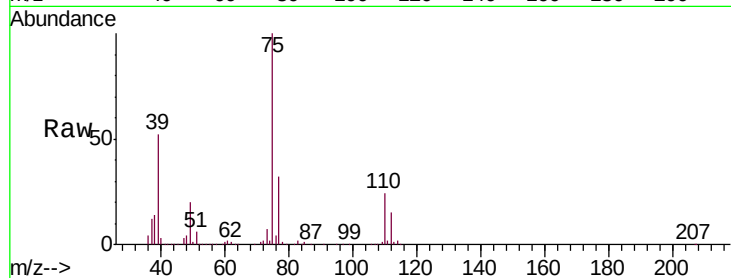
VSTDIC100

Tgt Ion: 75 Resp: 319446

Ion Ratio Lower Upper

75 100

77 31.5 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 97.684 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

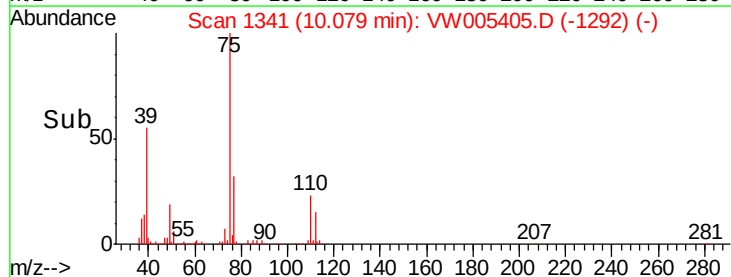
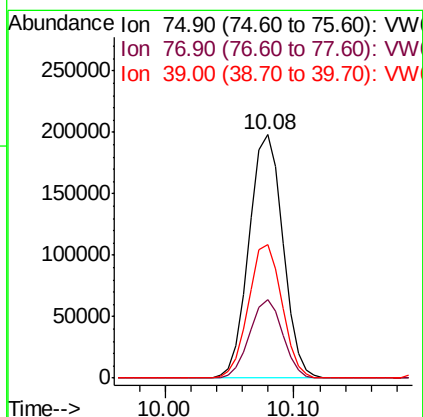
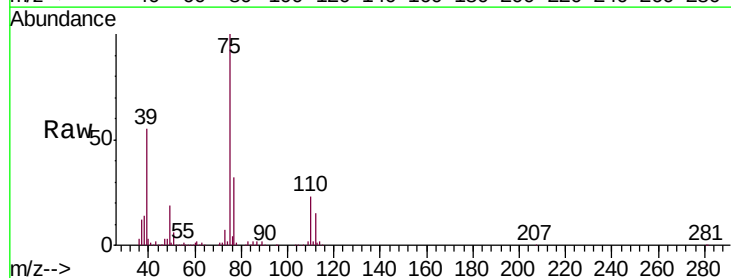
Tgt Ion: 75 Resp: 359160

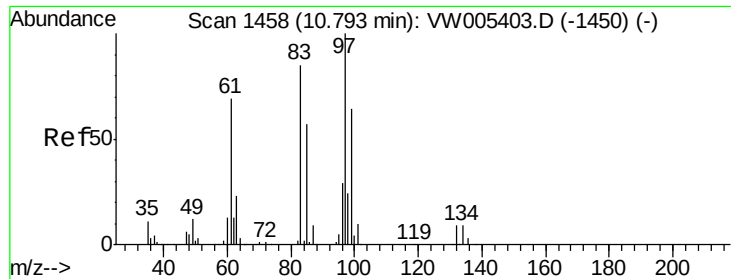
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 55.0 44.2 66.2

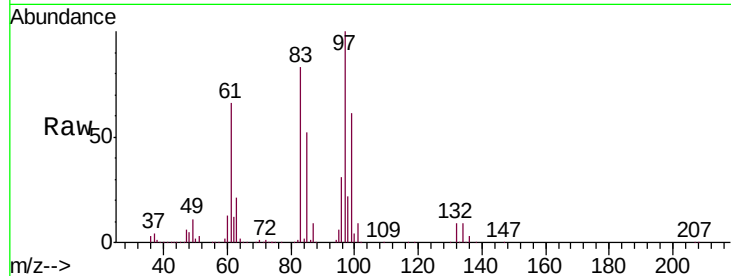




#55
 1,1,2-Trichloroethane
 Concen: 87.762 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	161149
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.8	101.8
85	52.4	45.4	68.0
99	60.8	51.5	77.3



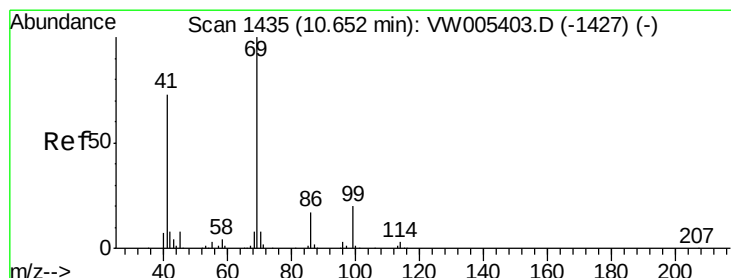
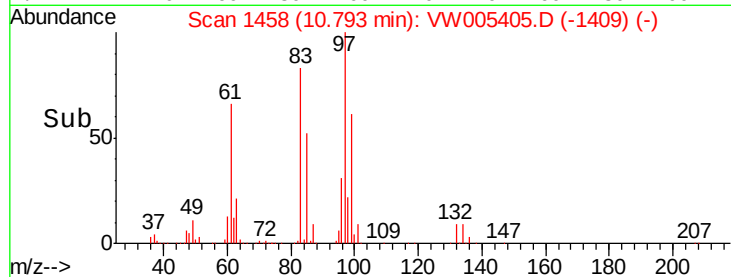
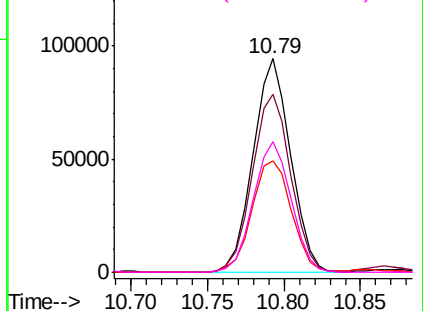
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

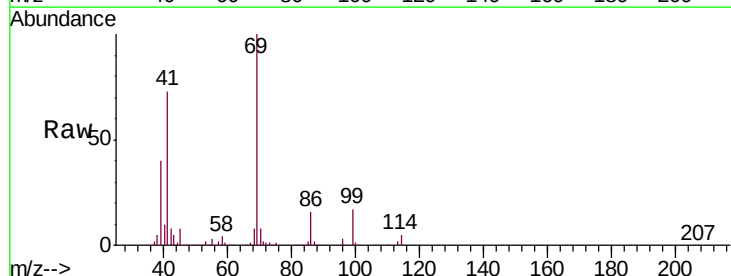
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 97.997 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:	69	Resp:	228908
Ion	Ratio	Lower	Upper
69	100		
41	72.6	59.3	88.9
39	37.3	30.2	45.4

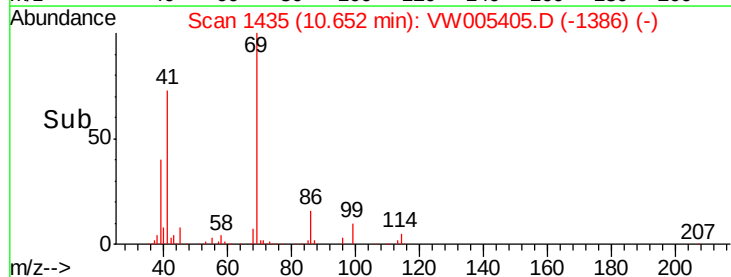
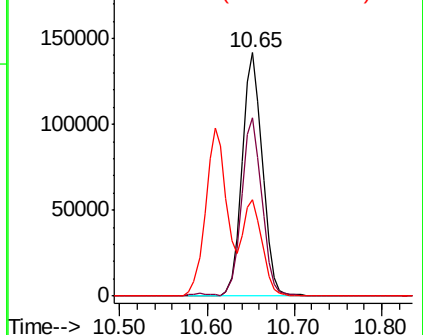


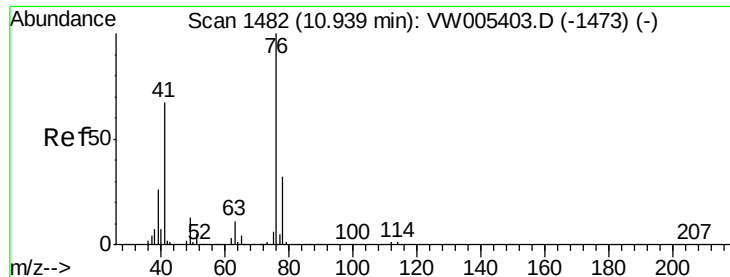
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

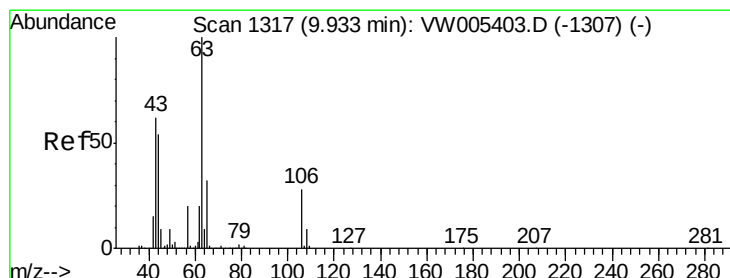
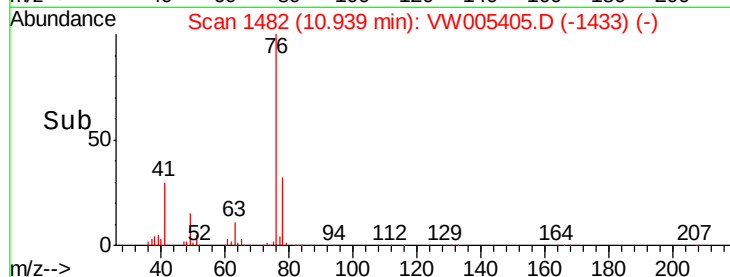
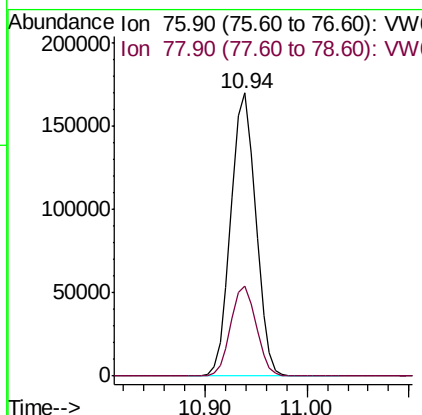
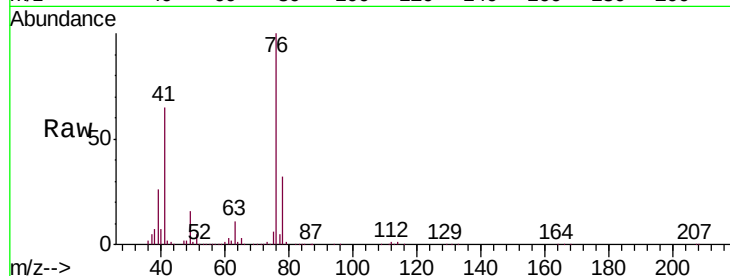




#57
 1,3-Dichloropropane
 Concen: 93.278 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

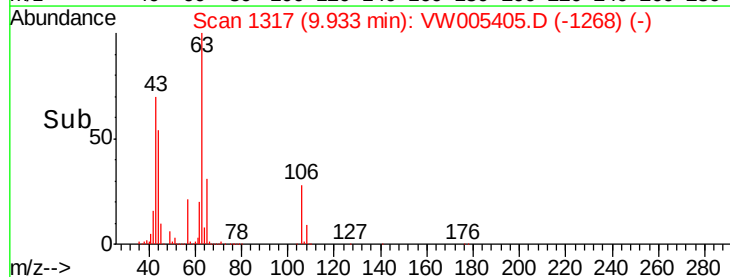
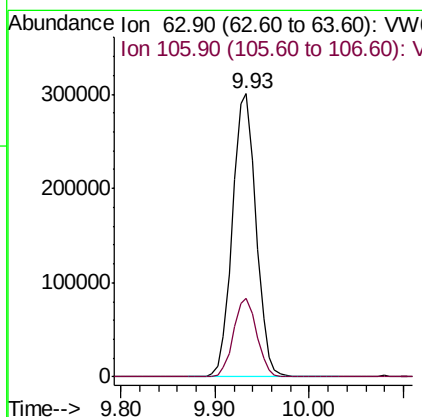
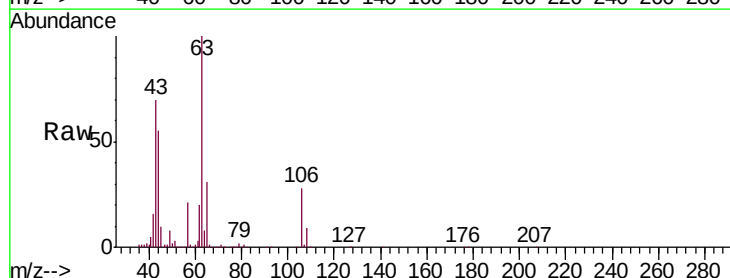
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

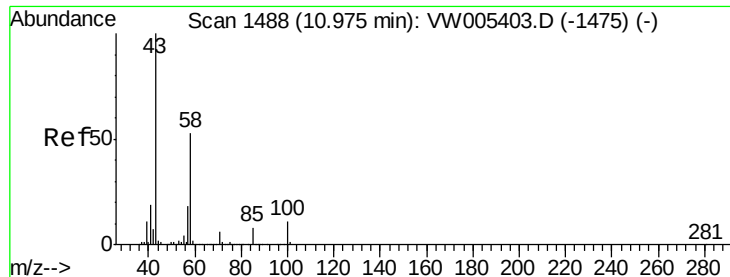
Tgt Ion: 76 Resp: 287482
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 512.989 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion: 63 Resp: 523221
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.0 33.0

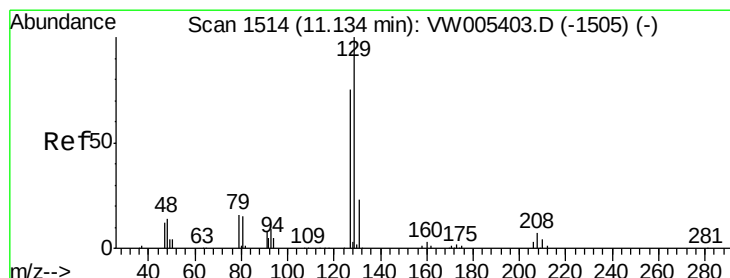
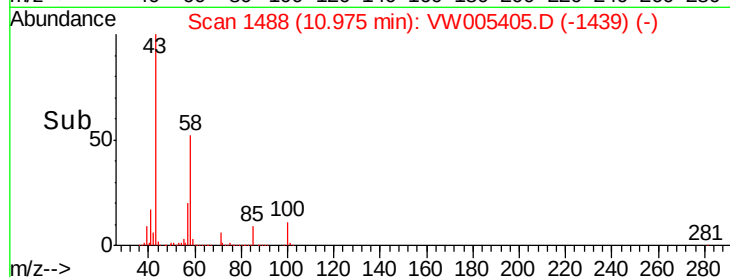
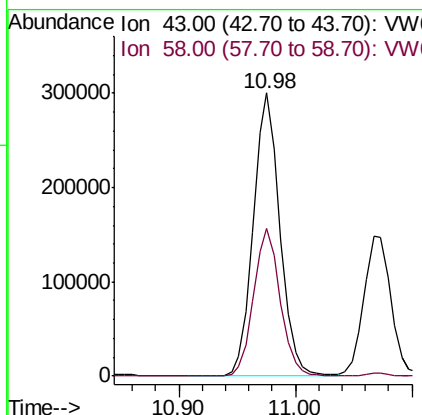
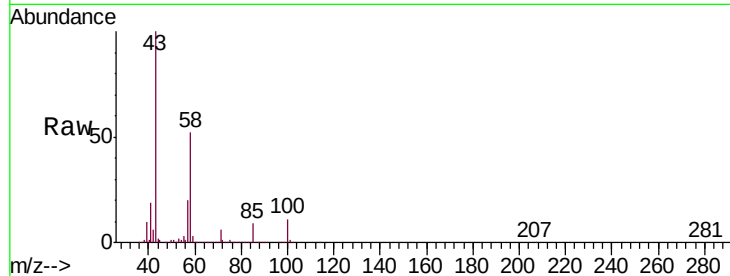




#59
2-Hexanone
Concen: 491.889 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

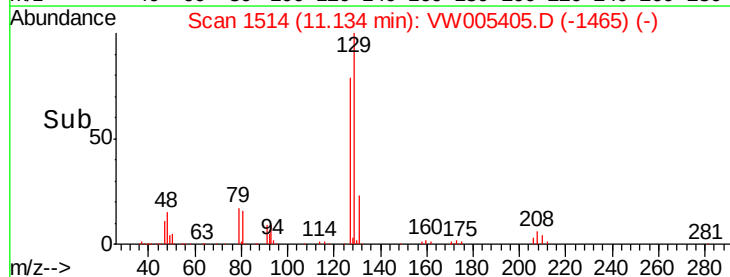
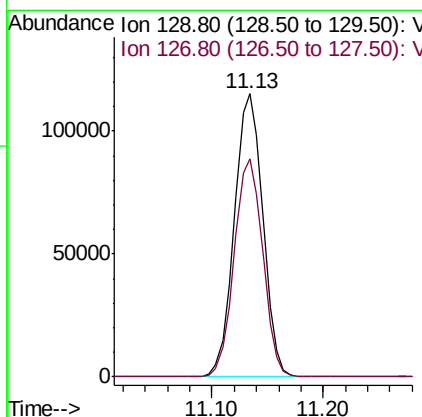
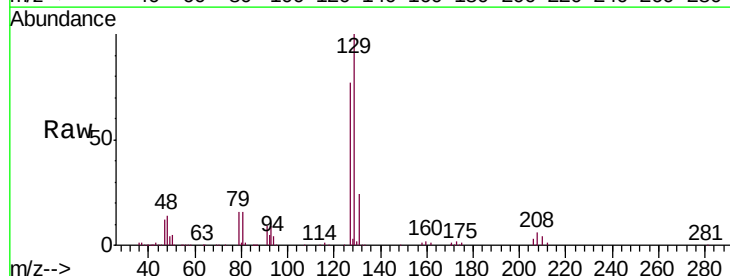
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

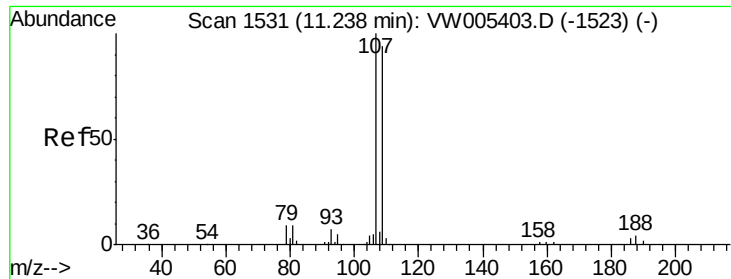
Tgt Ion: 43 Resp: 477397
Ion Ratio Lower Upper
43 100
58 52.0 25.5 76.5



#60
Dibromochloromethane
Concen: 98.435 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 129 Resp: 203411
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 88.694 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

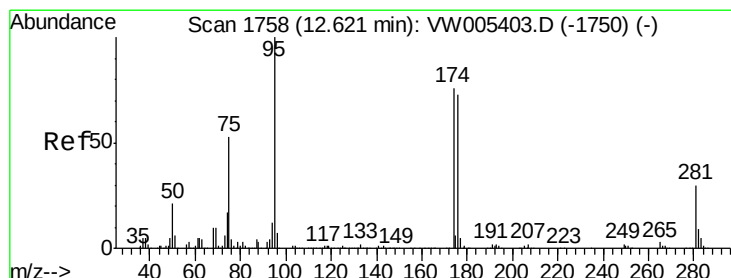
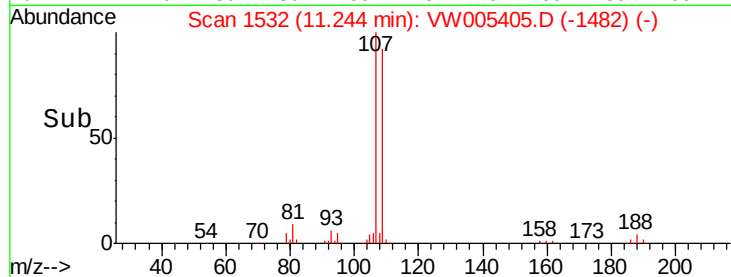
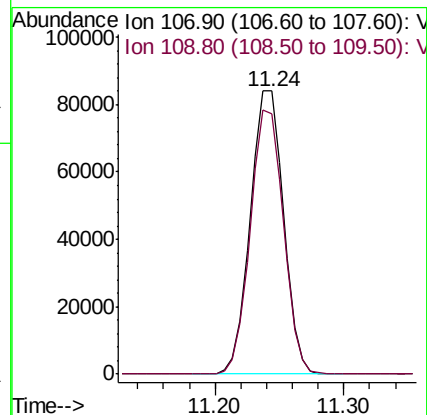
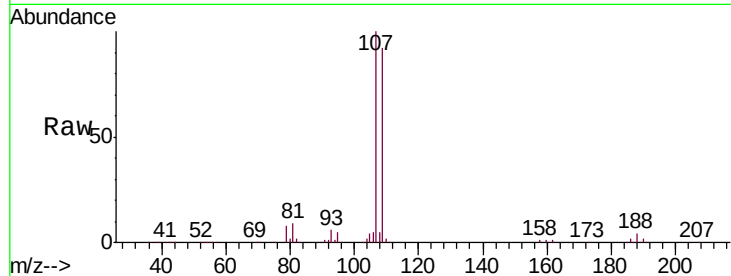
VSTDIC100

Tgt Ion: 107 Resp: 149209

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 93.423 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

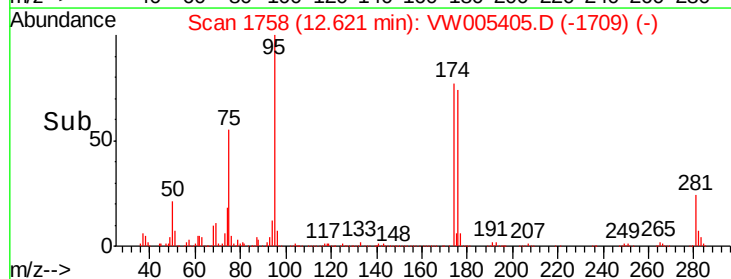
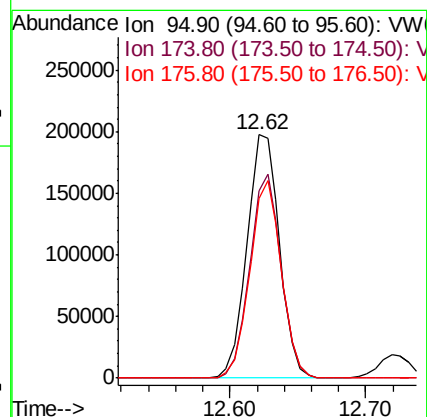
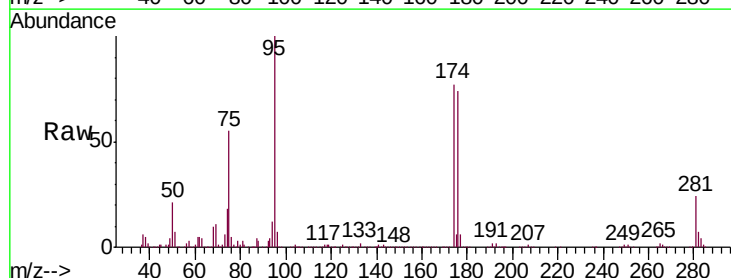
Tgt Ion: 95 Resp: 329631

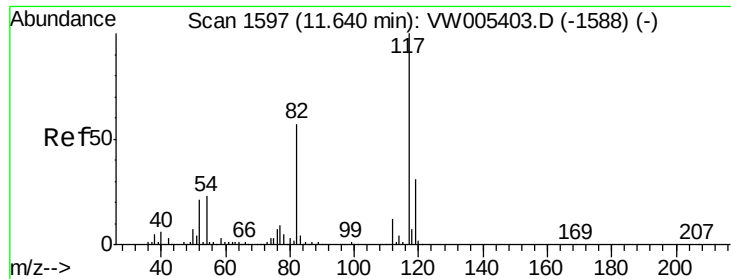
Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.2

176 78.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

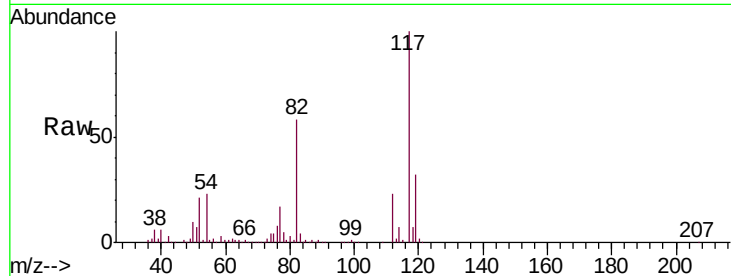
Tgt Ion:117 Resp: 347722

Ion Ratio Lower Upper

117 100

82 57.7 45.9 68.9

119 32.1 24.8 37.2

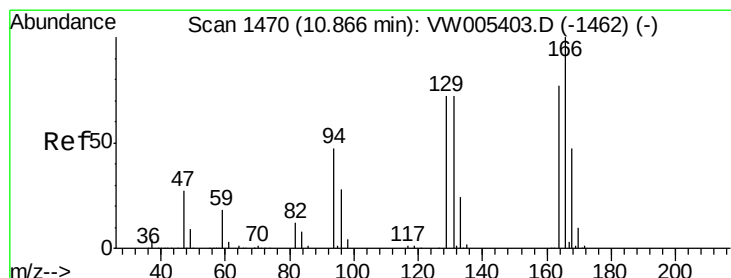
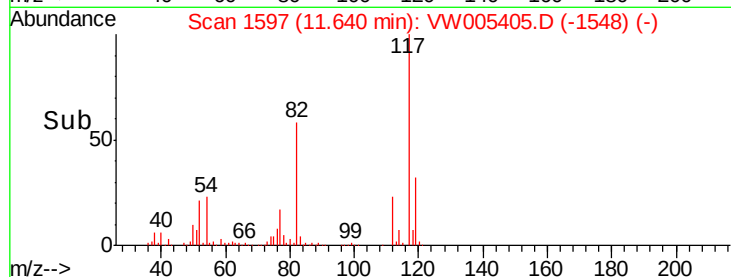
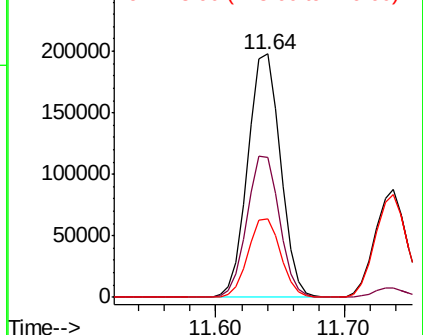


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 99.324 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion:164 Resp: 255591

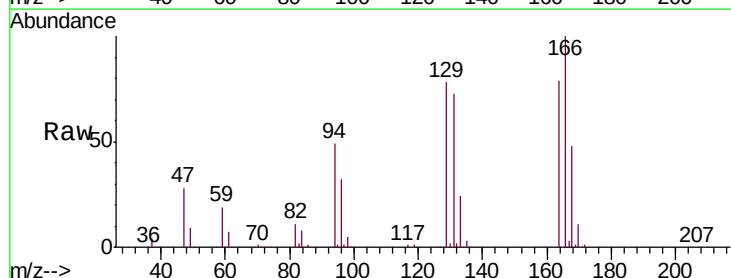
Ion Ratio Lower Upper

164 100

166 126.8 104.0 156.0

129 98.3 74.9 112.3

131 93.1 75.3 112.9



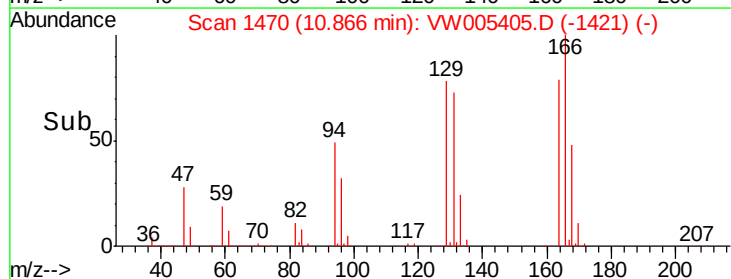
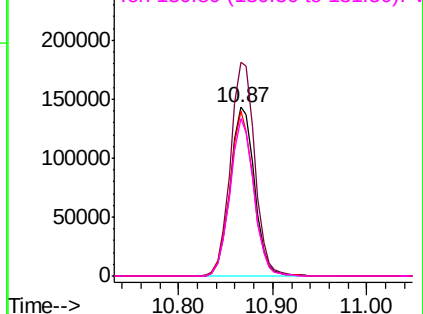
Abundance

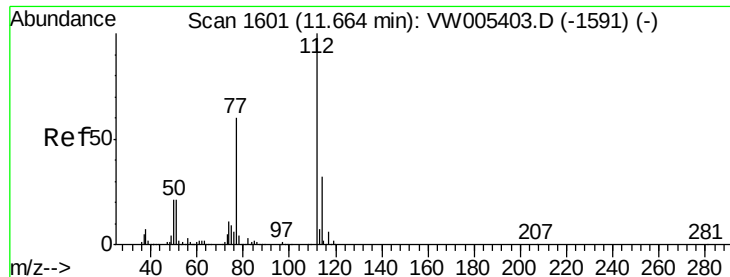
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 92.285 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

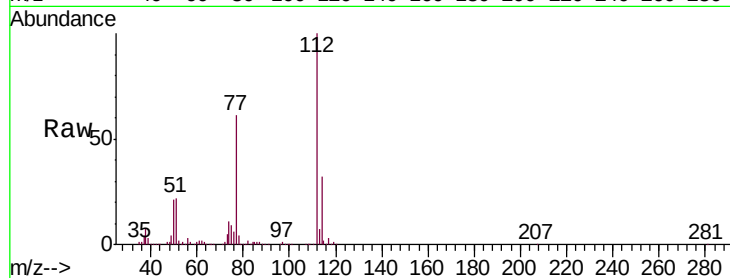
VSTDIC100

Tgt Ion:112 Resp: 697808

Ion Ratio Lower Upper

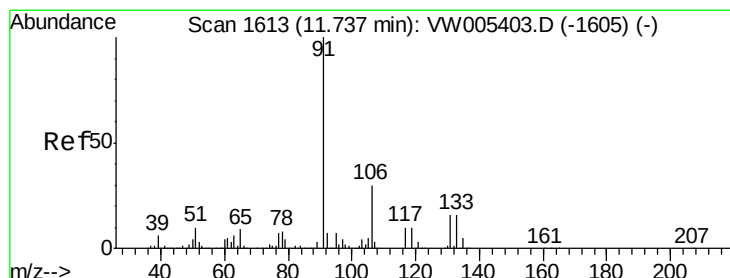
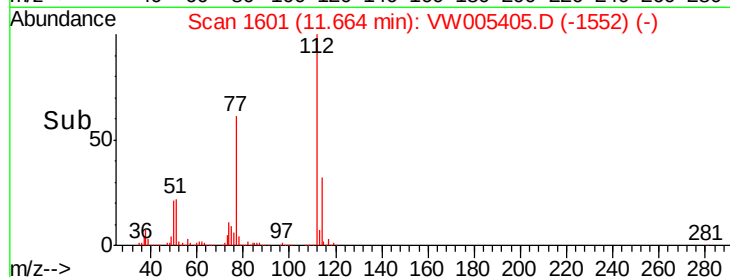
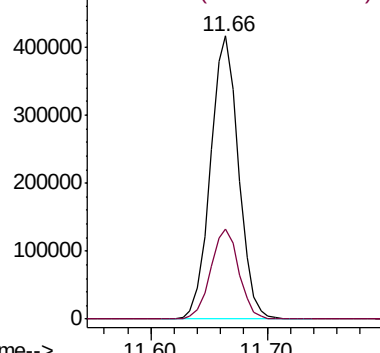
112 100

114 32.0 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 99.448 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

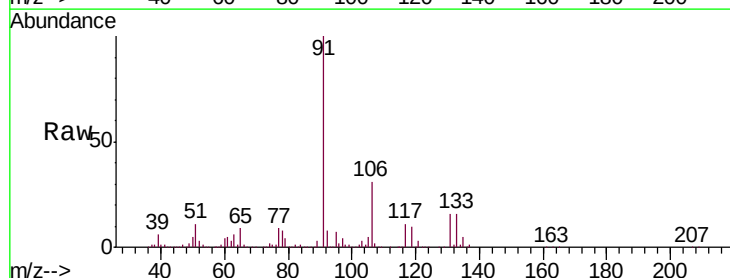
Tgt Ion:131 Resp: 227261

Ion Ratio Lower Upper

131 100

133 96.0 47.3 141.9

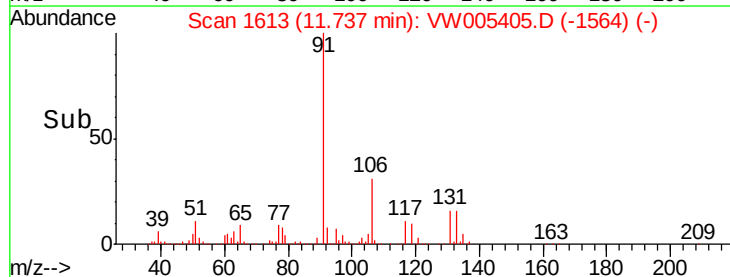
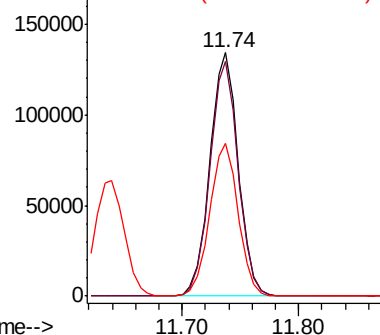
119 63.0 31.1 93.5

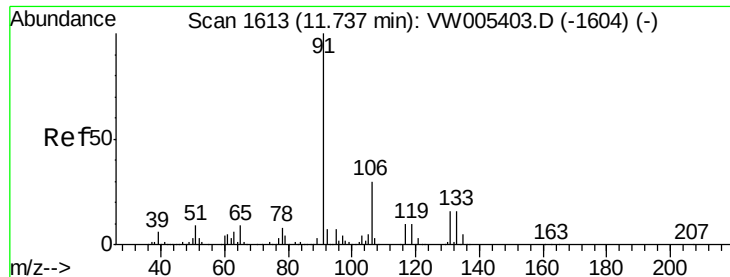


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

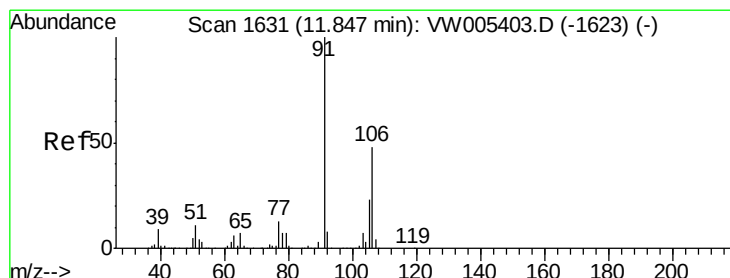
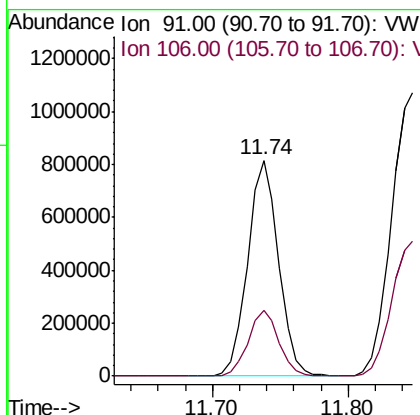
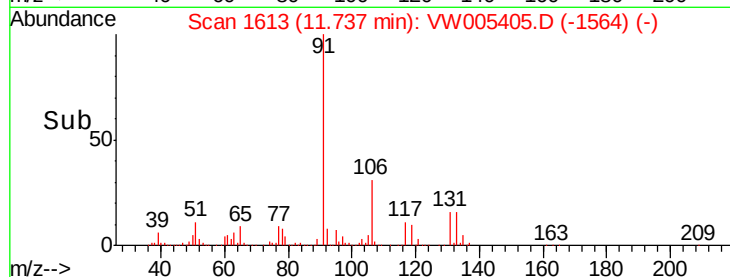
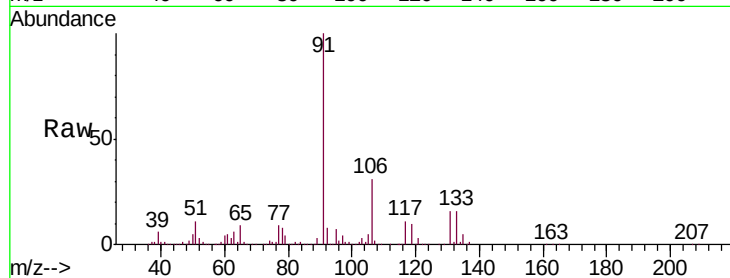




#67
Ethyl Benzene
Concen: 98.409 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

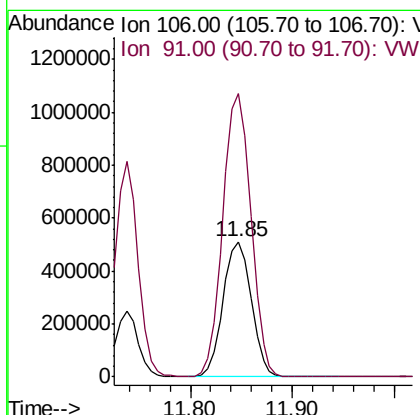
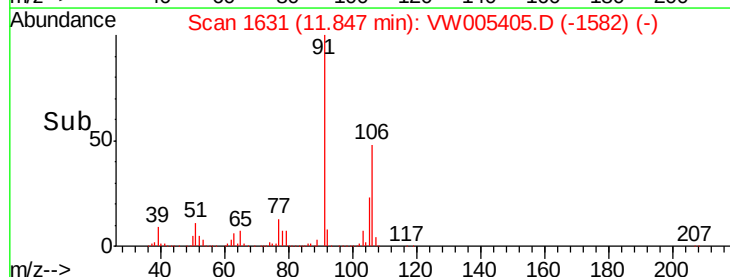
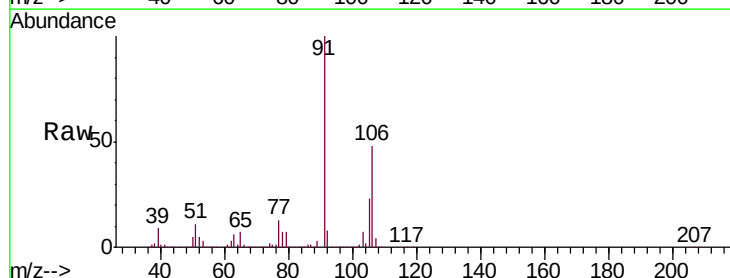
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

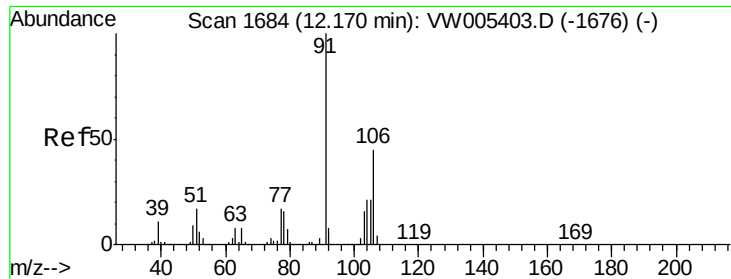
Tgt Ion: 91 Resp: 1299473
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 185.543 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion: 106 Resp: 981685
Ion Ratio Lower Upper
106 100
91 209.4 167.9 251.9

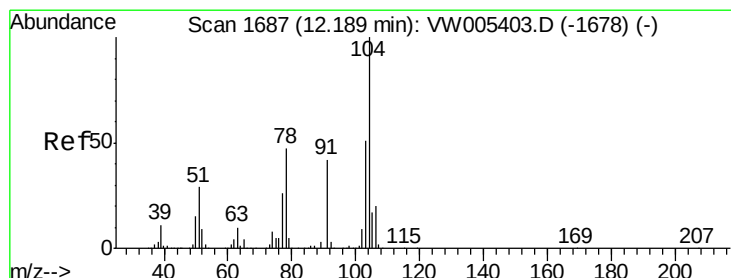
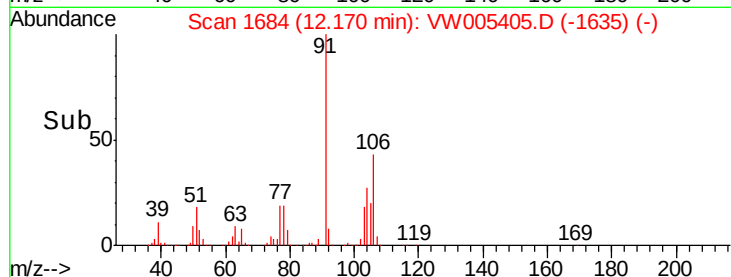
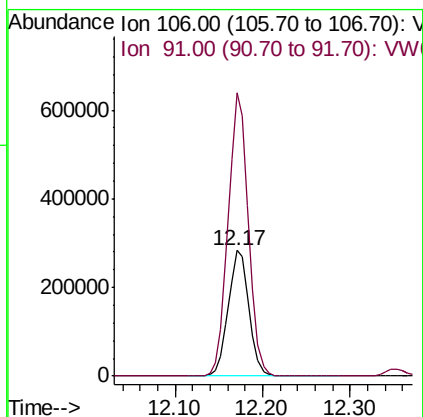
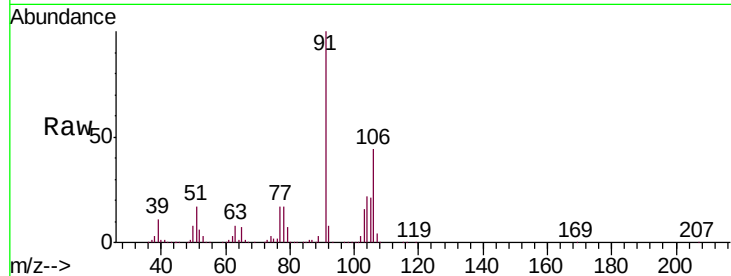




#69
o-Xylene
Concen: 94.638 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

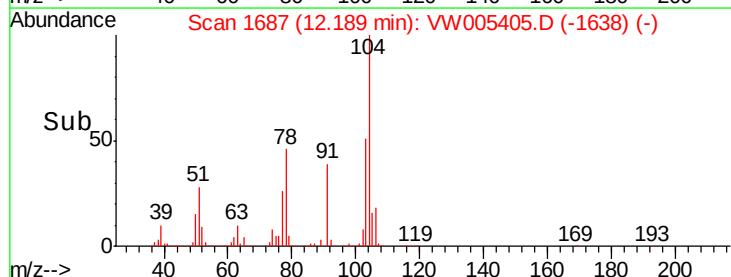
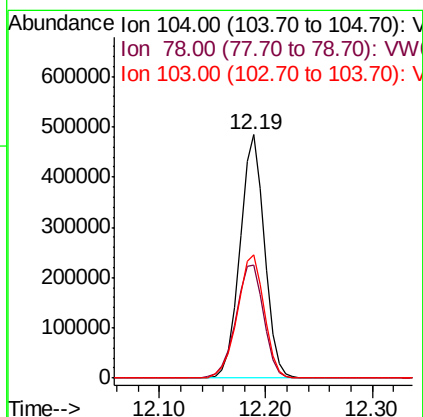
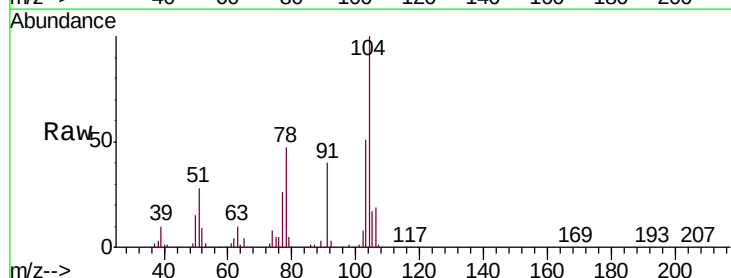
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

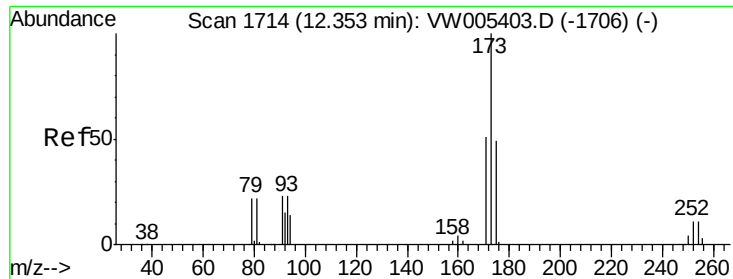
Tgt Ion:106 Resp: 464949
Ion Ratio Lower Upper
106 100
91 220.6 110.6 331.6



#70
Styrene
Concen: 96.961 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion:104 Resp: 779756
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 55.7 44.8 67.2





#71

Bromoform

Concen: 98.560 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

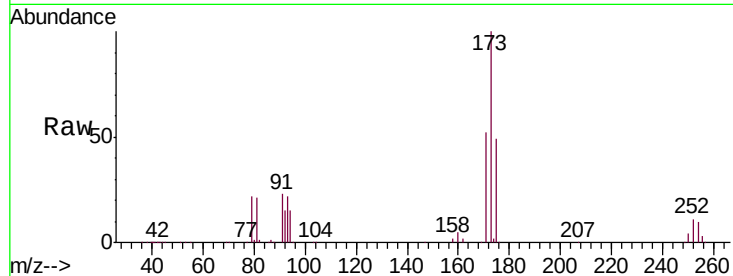
Tgt Ion:173 Resp: 121628

Ion Ratio Lower Upper

173 100

175 48.8 24.2 72.6

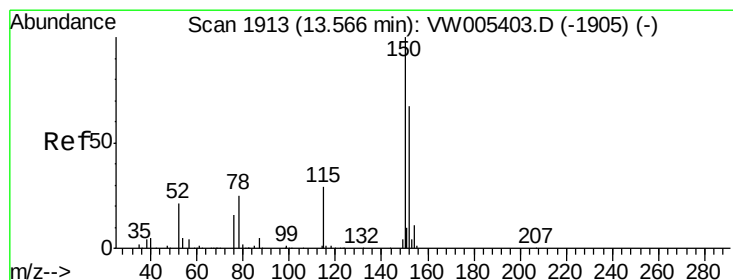
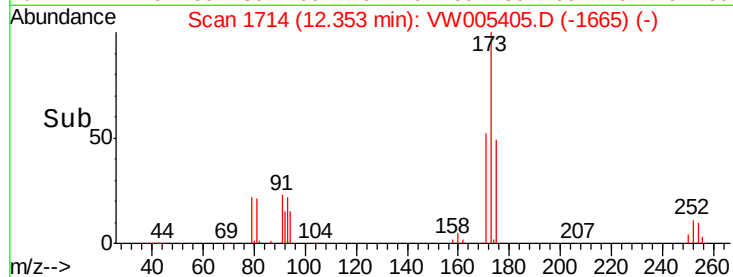
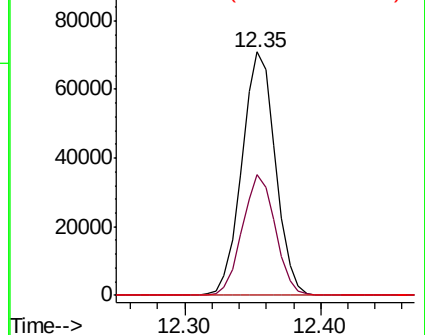
254 0.0 0.0 0.0#



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: VW005405.D

Acq: 15 Sep 2018 00:57

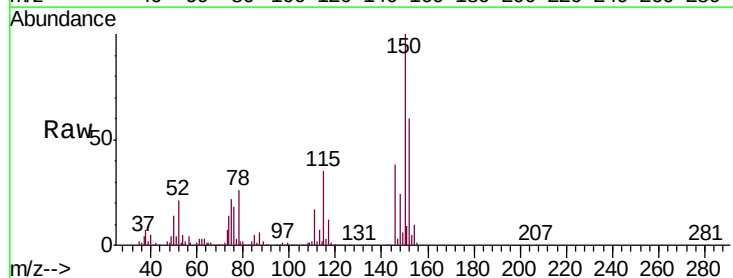
Tgt Ion:152 Resp: 174797

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.5

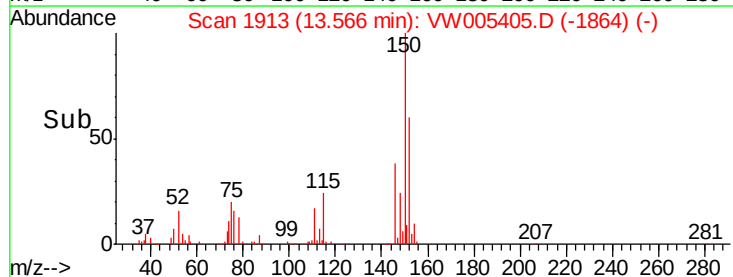
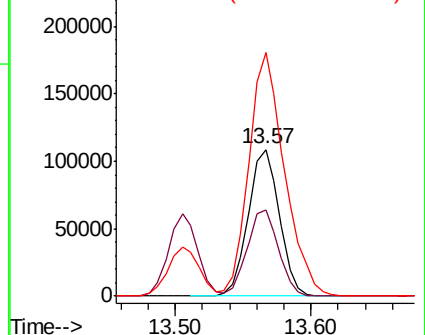
150 189.4 0.0 345.6

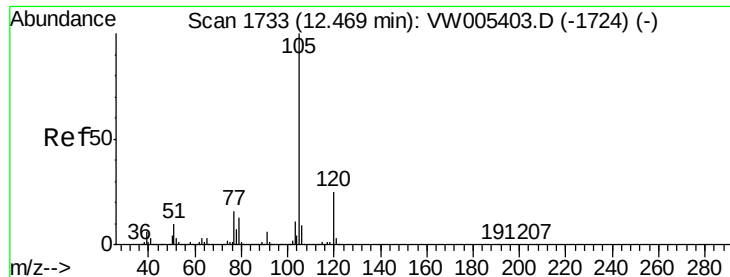


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 104.744 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

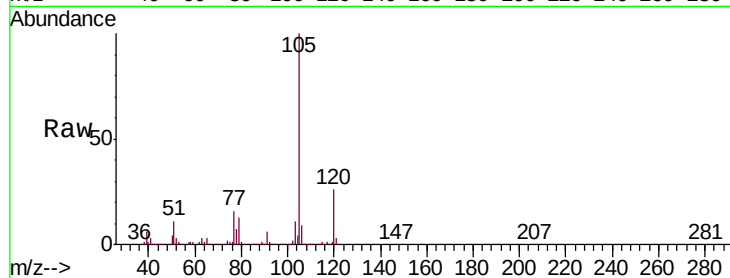
VSTDIC100

Tgt Ion: 105 Resp: 1285756

Ion Ratio Lower Upper

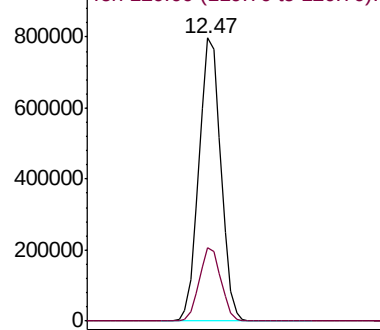
105 100

120 25.9 12.9 38.6

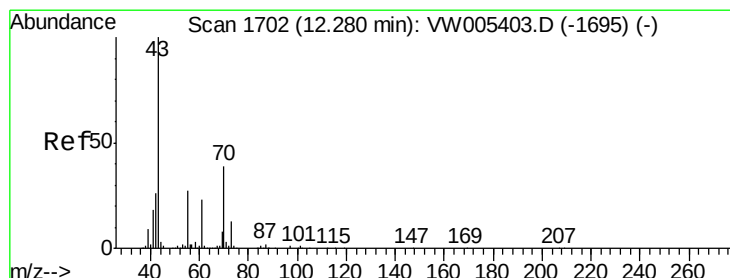
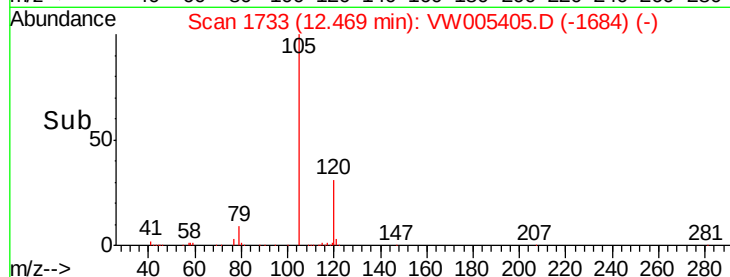


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 115.138 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Tgt Ion: 43 Resp: 274520

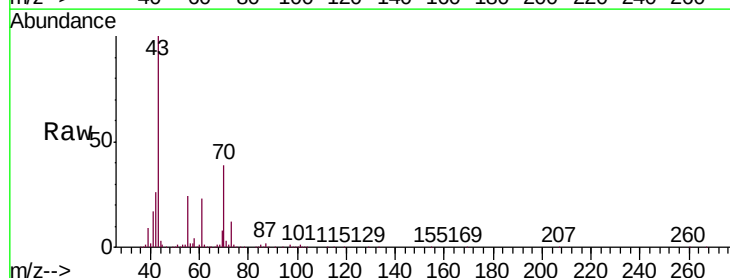
Ion Ratio Lower Upper

43 100

70 39.3 31.9 47.9

55 25.0 21.4 32.0

61 22.5 18.3 27.5

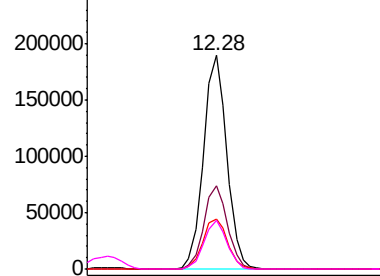


Abundance Ion 43.00 (42.70 to 43.70): VW

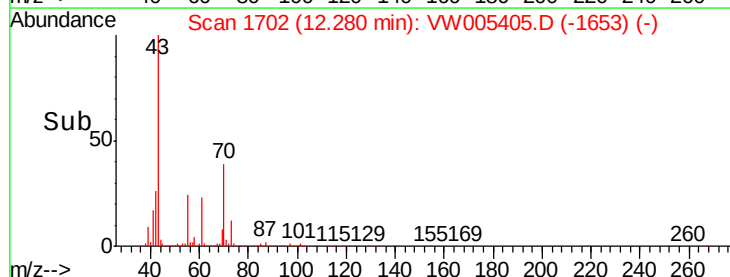
Ion 70.00 (69.70 to 70.70): VW

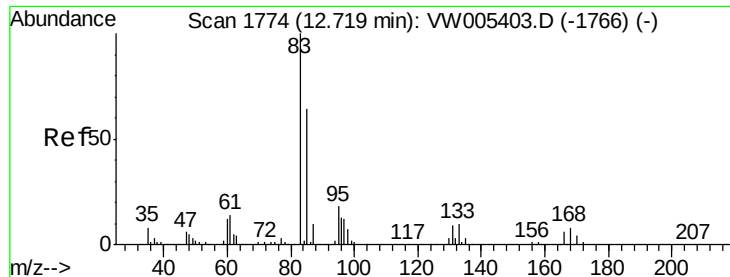
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 95.315 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

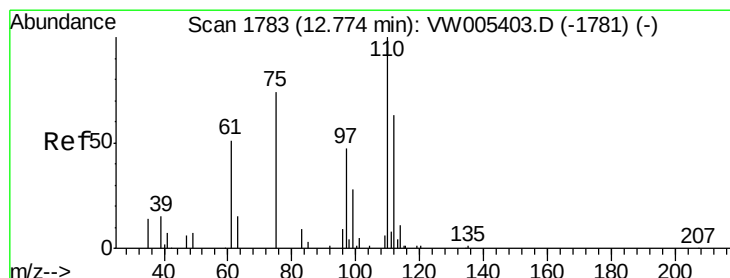
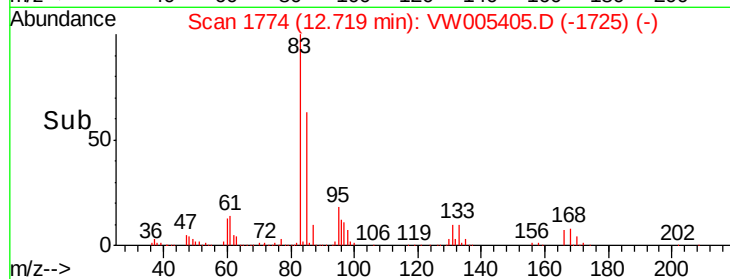
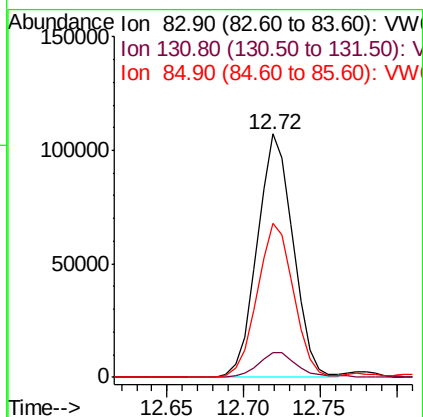
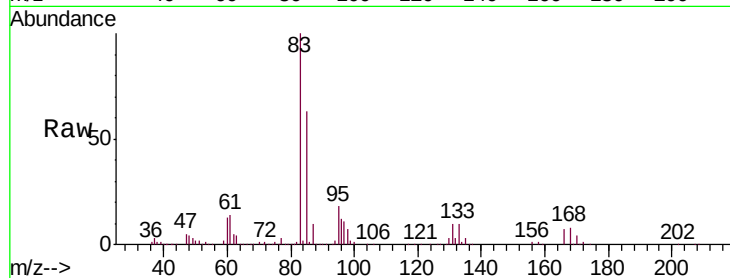
Tgt Ion: 83 Resp: 175037

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 64.1 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 194.353 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005405.D

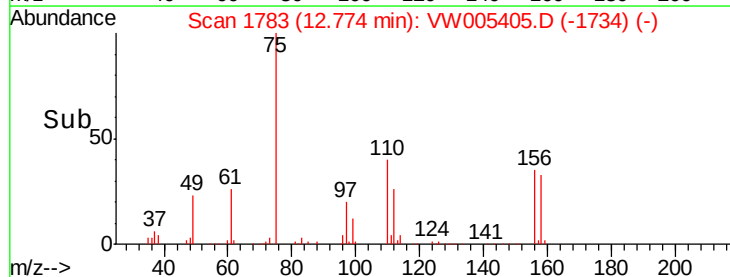
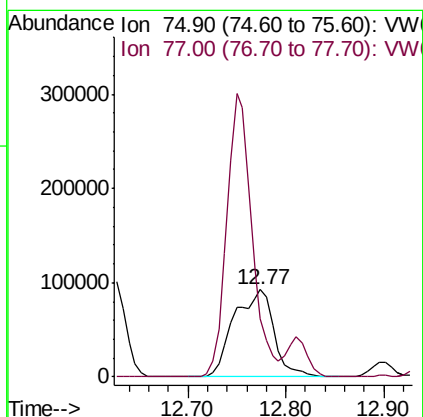
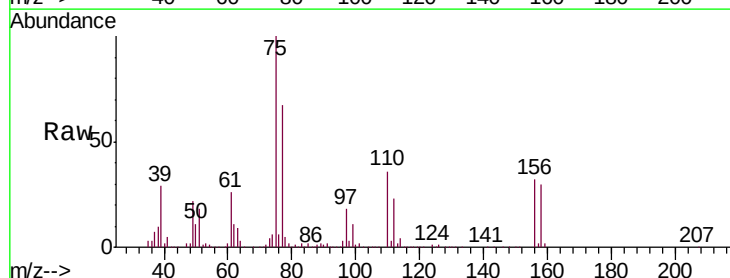
Acq: 15 Sep 2018 00:57

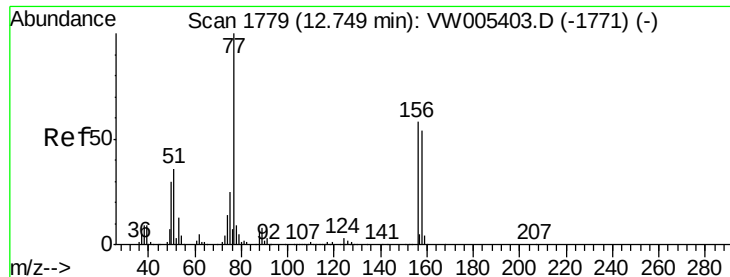
Tgt Ion: 75 Resp: 260759

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.892 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

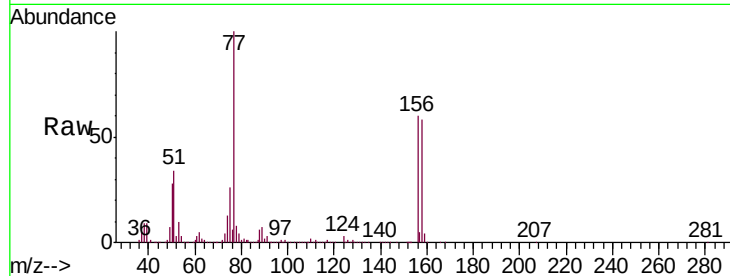
Tgt Ion:156 Resp: 287262

Ion Ratio Lower Upper

156 100

77 187.7 92.8 278.3

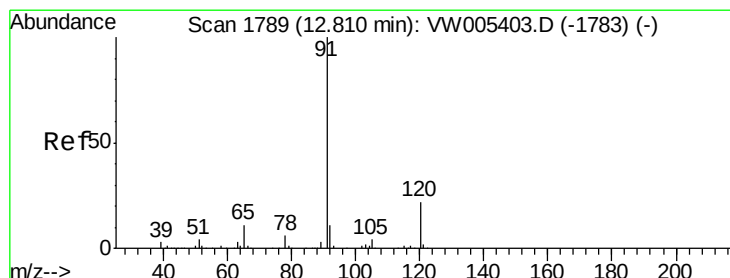
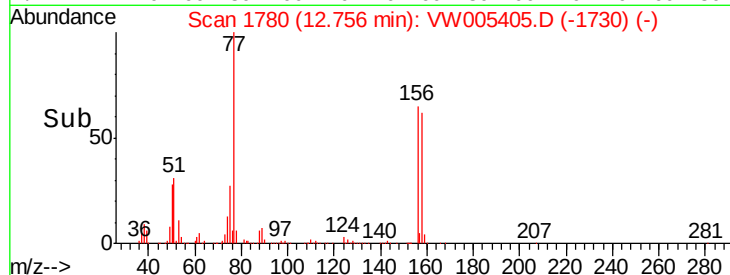
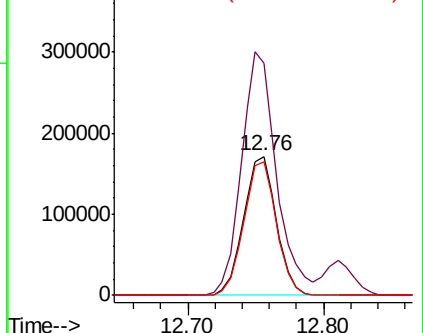
158 96.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 102.888 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005405.D

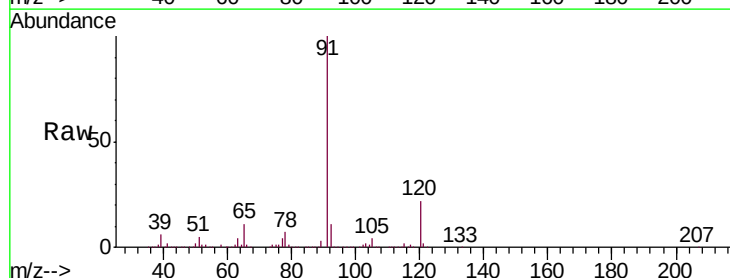
Acq: 15 Sep 2018 00:57

Tgt Ion: 91 Resp: 1527887

Ion Ratio Lower Upper

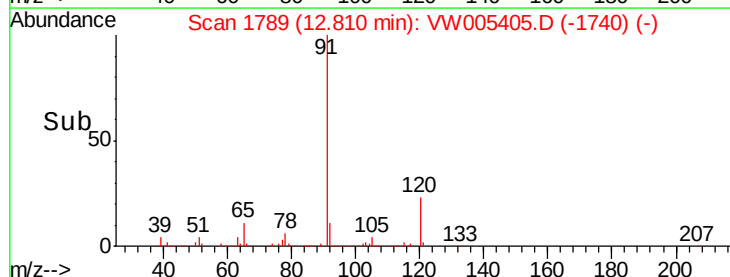
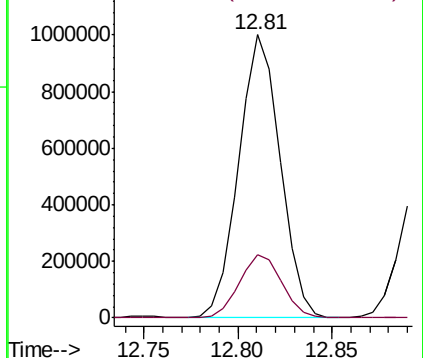
91 100

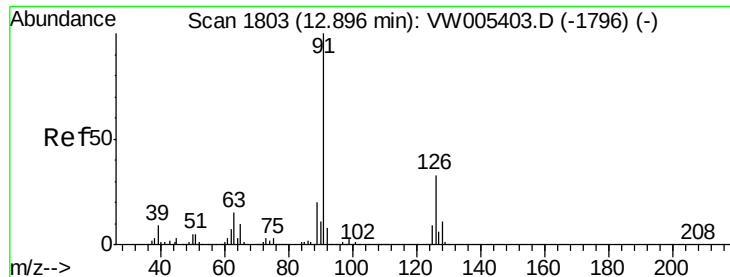
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 104.202 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

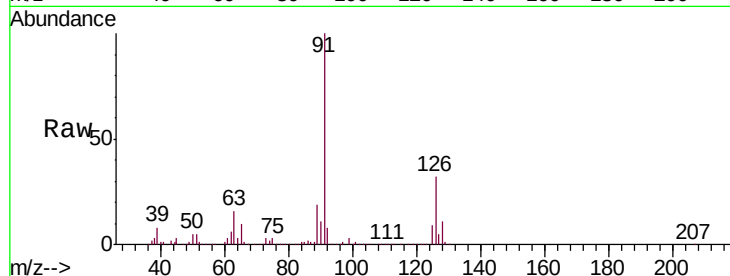
VSTDIC100

Tgt Ion: 91 Resp: 888873

Ion Ratio Lower Upper

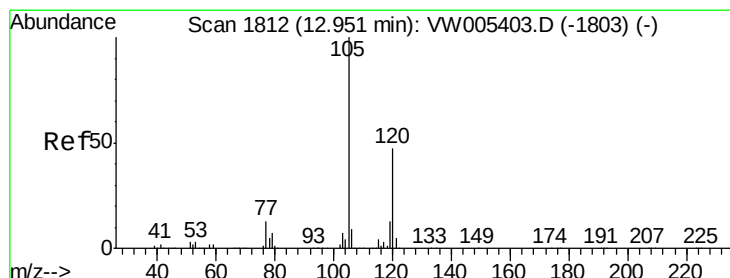
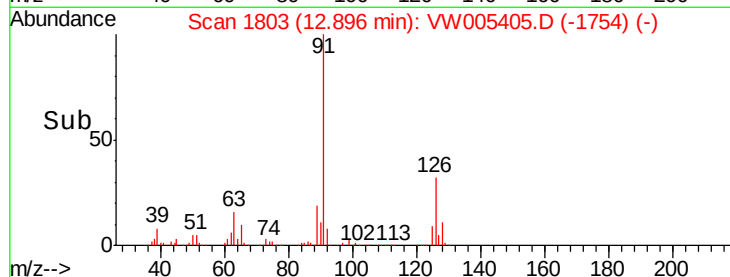
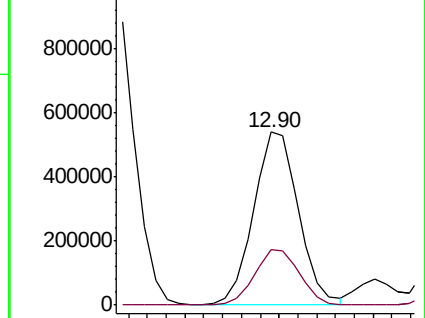
91 100

126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 104.456 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005405.D

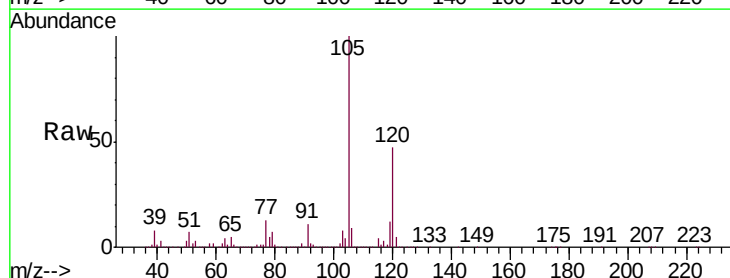
Acq: 15 Sep 2018 00:57

Tgt Ion: 105 Resp: 1104822

Ion Ratio Lower Upper

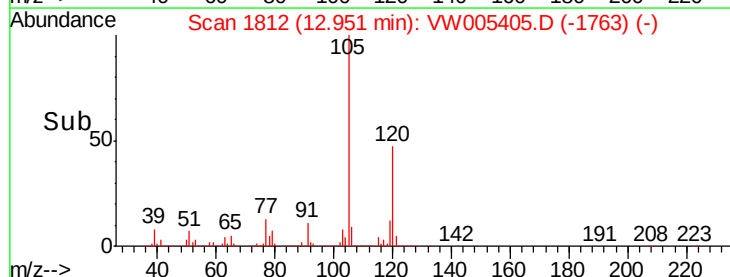
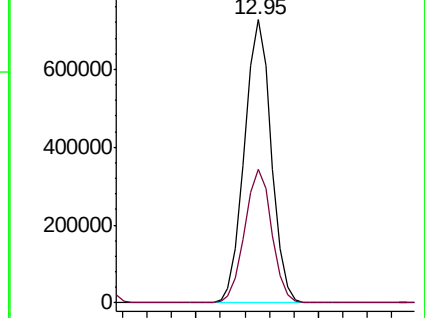
105 100

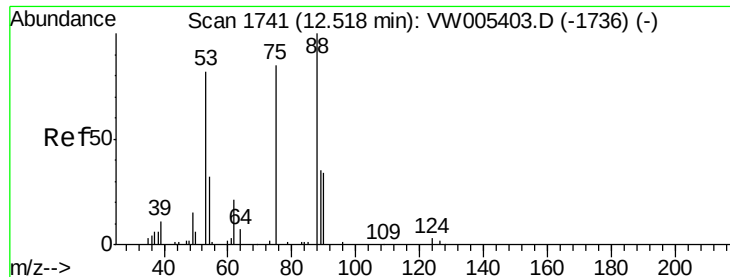
120 47.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 99.624 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

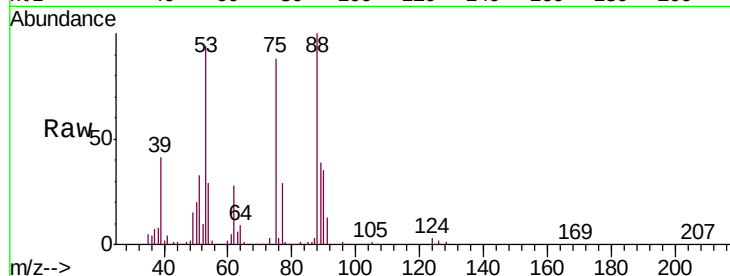
Tgt Ion: 75 Resp: 56644

Ion Ratio Lower Upper

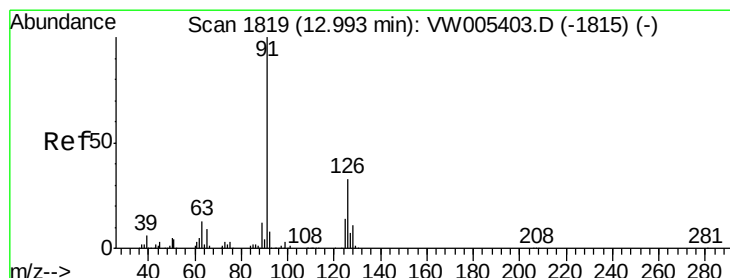
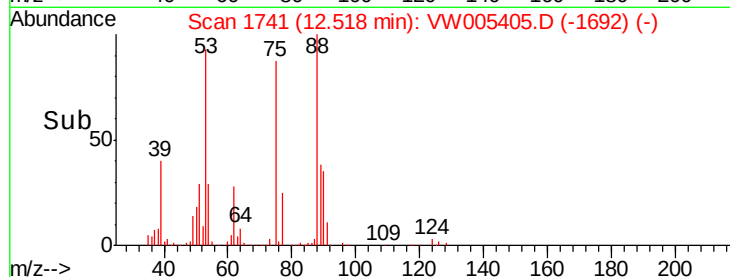
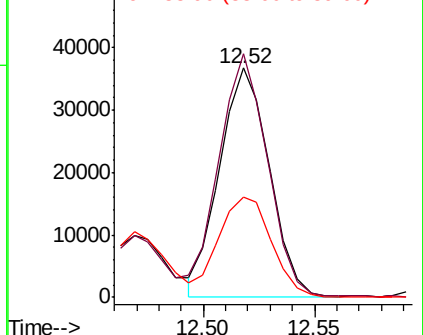
75 100

53 106.8 83.2 124.8

89 47.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 102.652 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005405.D

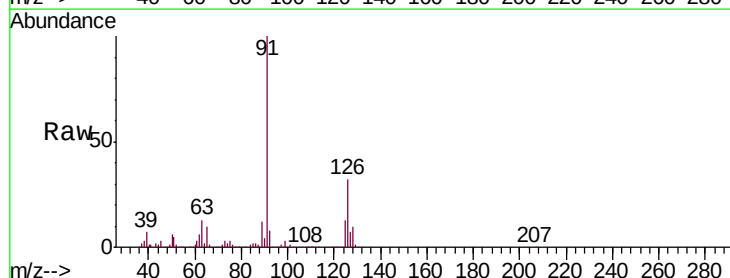
Acq: 15 Sep 2018 00:57

Tgt Ion: 91 Resp: 922433

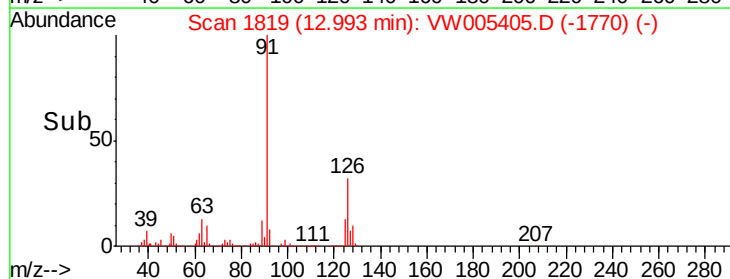
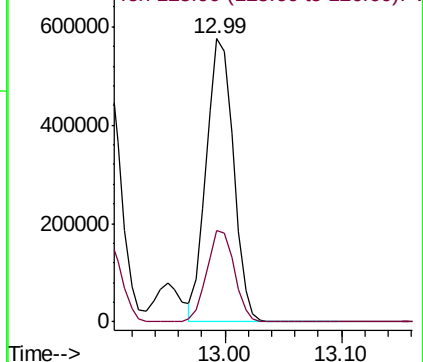
Ion Ratio Lower Upper

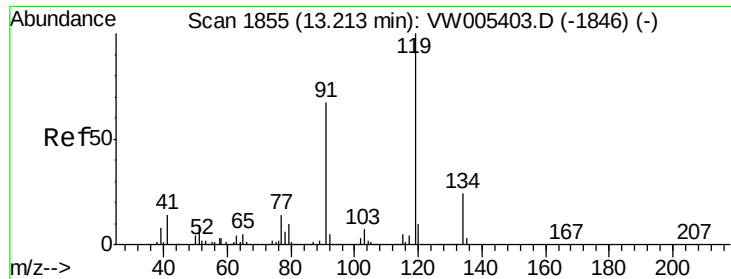
91 100

126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

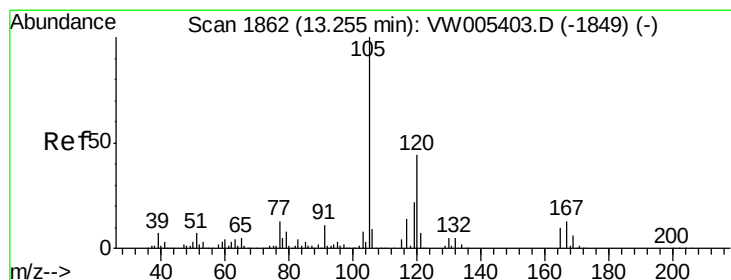
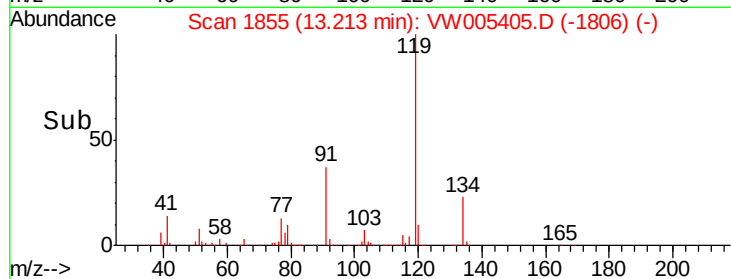
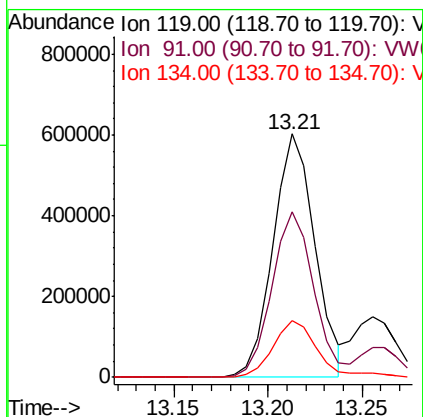
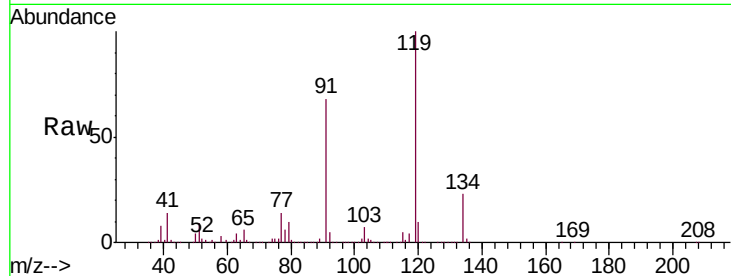




#83
 tert-Butylbenzene
 Concen: 101.146 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

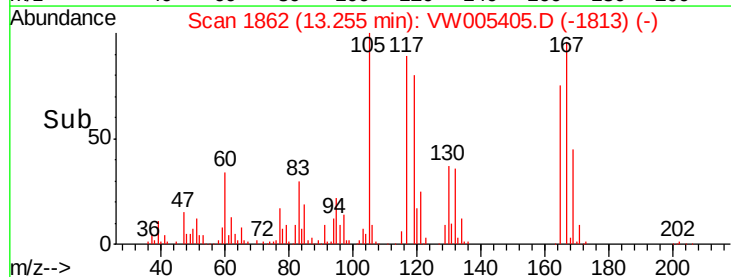
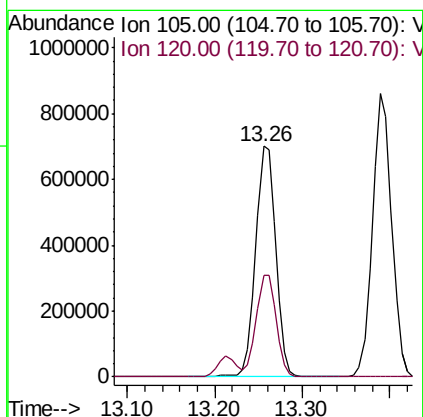
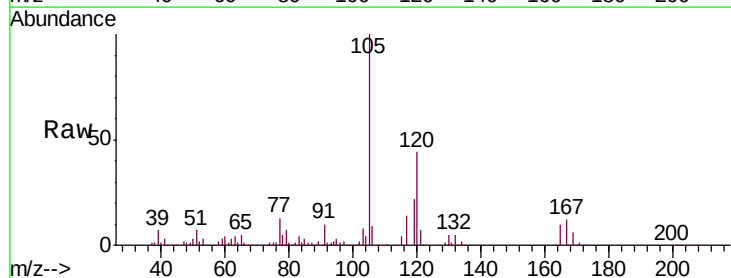
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

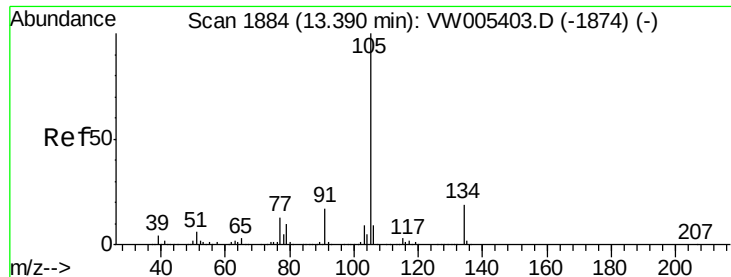
Tgt Ion:119 Resp: 927777
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.4 103.2
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 104.591 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:105 Resp: 1116738
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 100.024 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

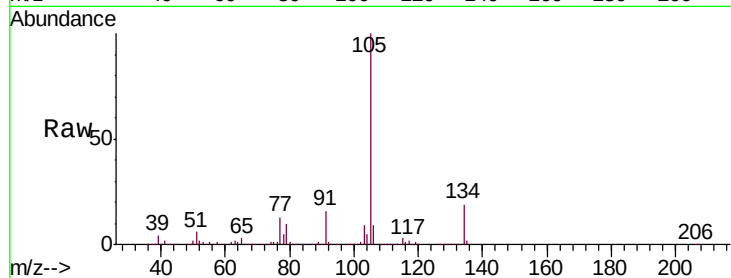
VSTDIC100

Tgt Ion:105 Resp: 1316828

Ion Ratio Lower Upper

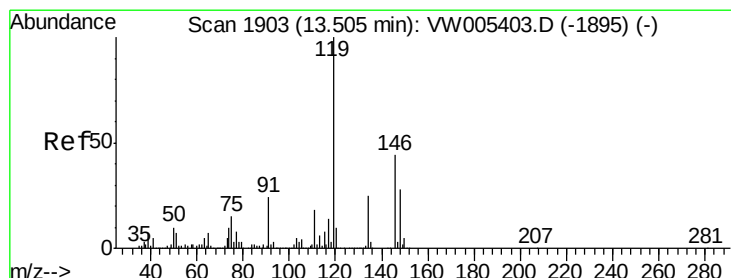
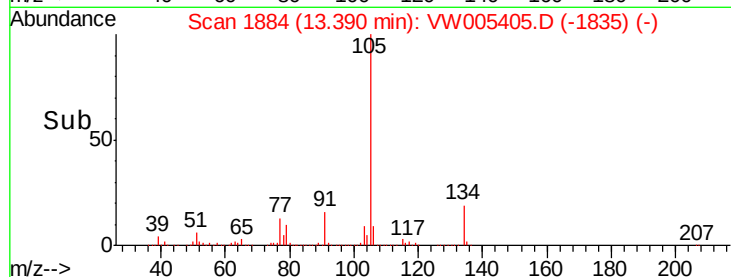
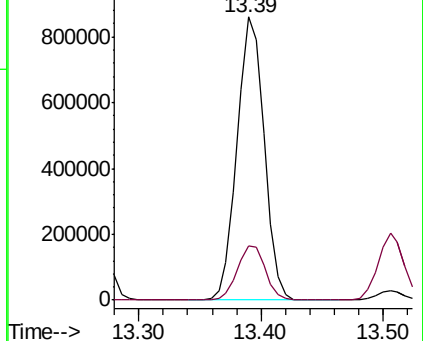
105 100

134 19.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.911 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

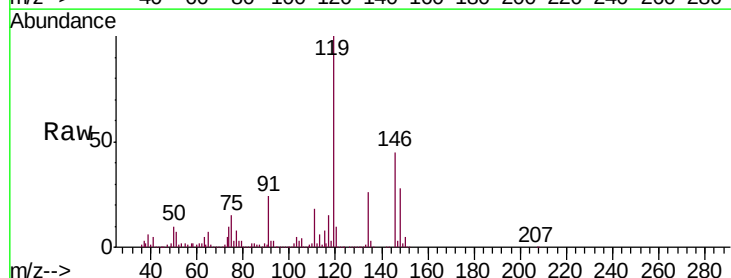
Tgt Ion:119 Resp: 1190182

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

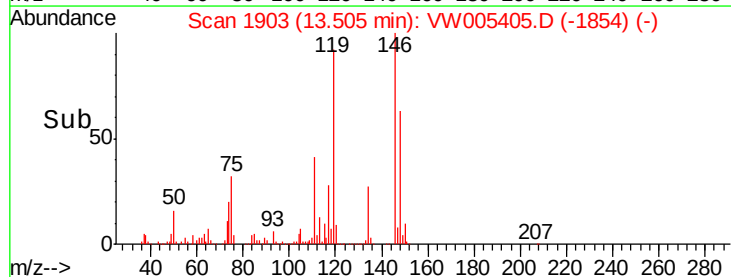
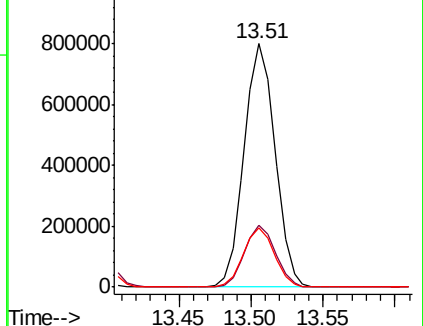
91 24.1 12.0 36.0

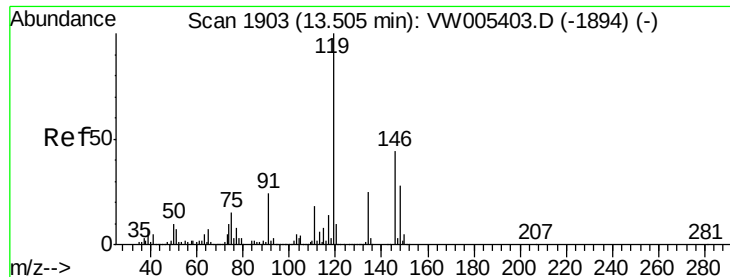


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

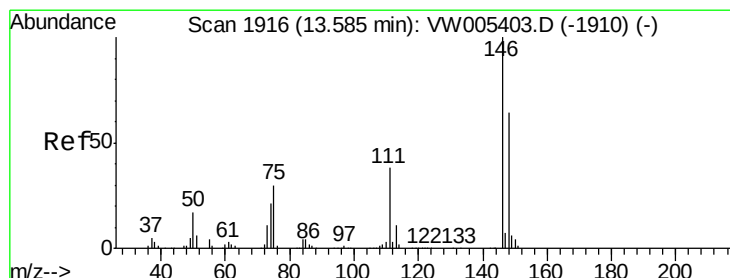
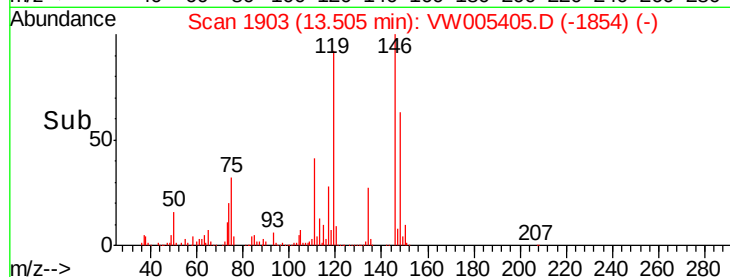
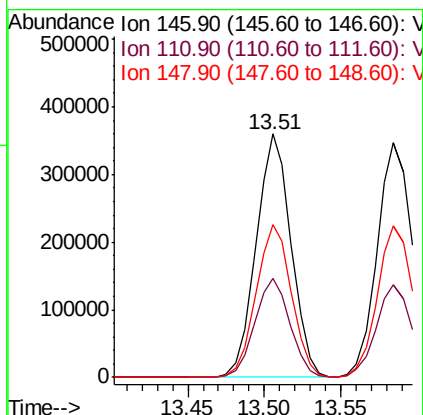
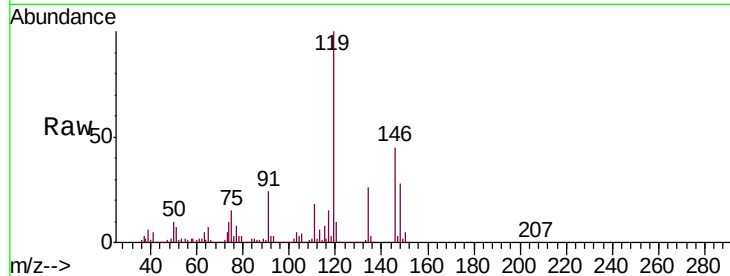




#87
 1,3-Dichlorobenzene
 Concen: 94.234 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

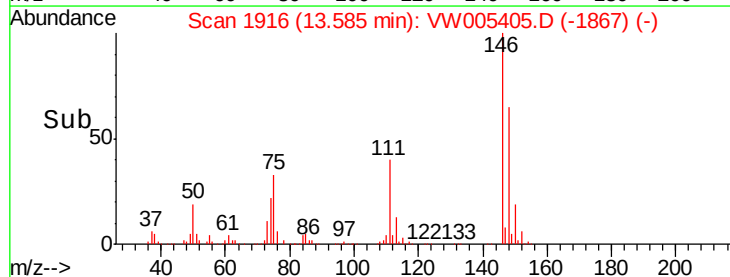
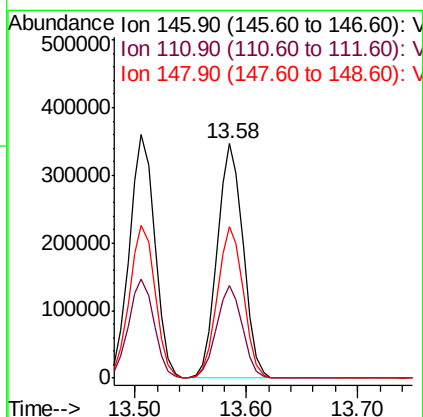
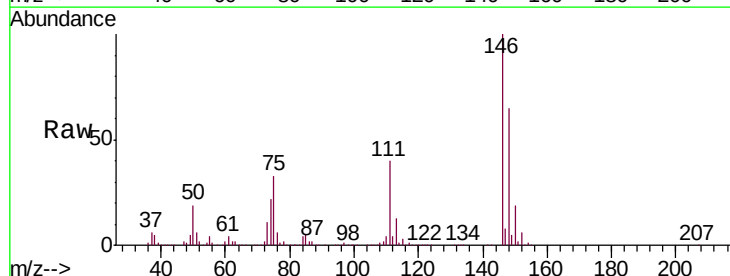
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

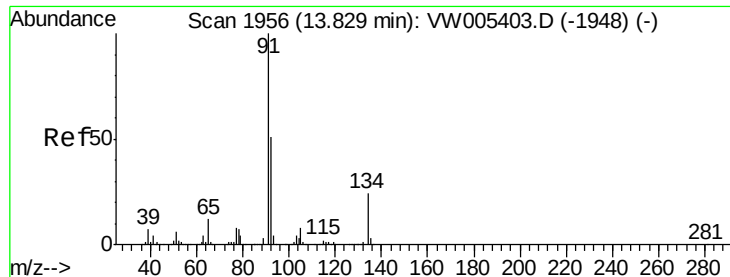
Tgt Ion:146 Resp: 571144
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 63.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 92.867 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:146 Resp: 556330
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 100.710 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

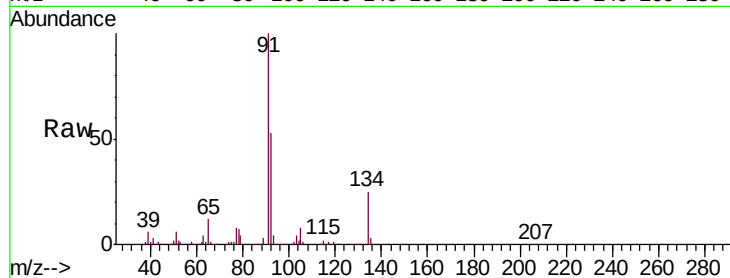
Tgt Ion: 91 Resp: 1105514

Ion Ratio Lower Upper

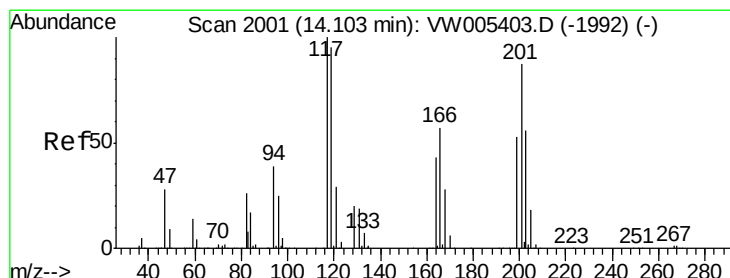
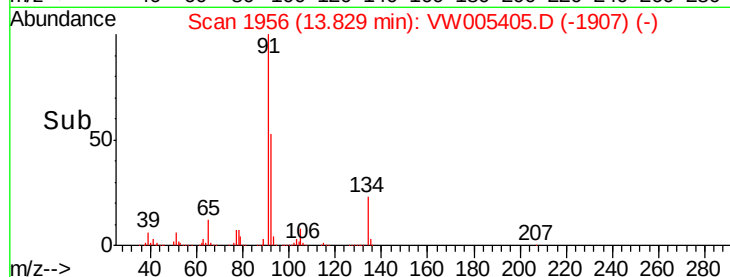
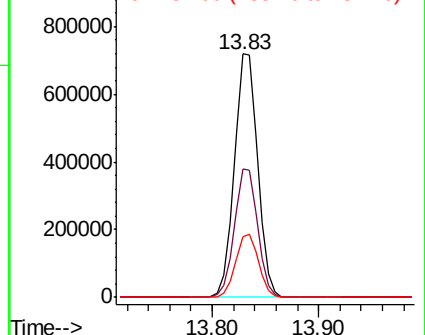
91 100

92 52.5 26.2 78.6

134 25.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 105.934 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005405.D

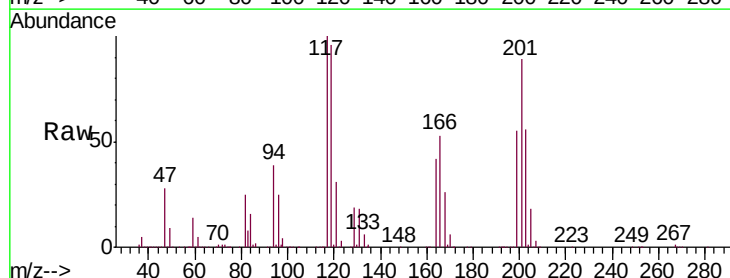
Acq: 15 Sep 2018 00:57

Tgt Ion: 117 Resp: 200381

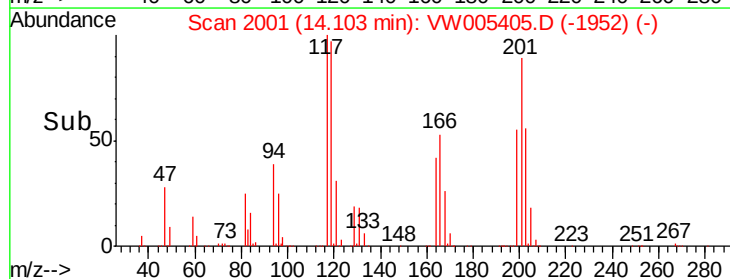
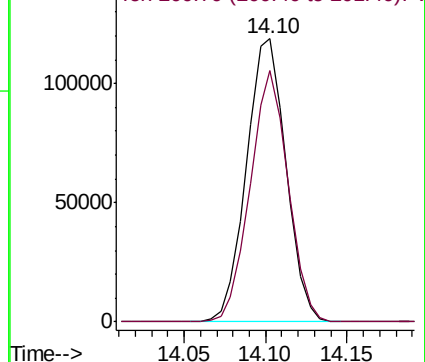
Ion Ratio Lower Upper

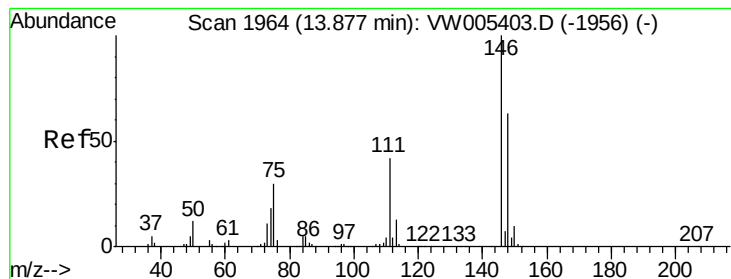
117 100

201 85.0 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 92.532 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

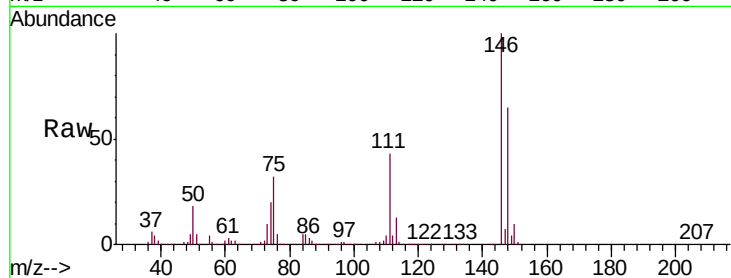
Tgt Ion: 146 Resp: 495515

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

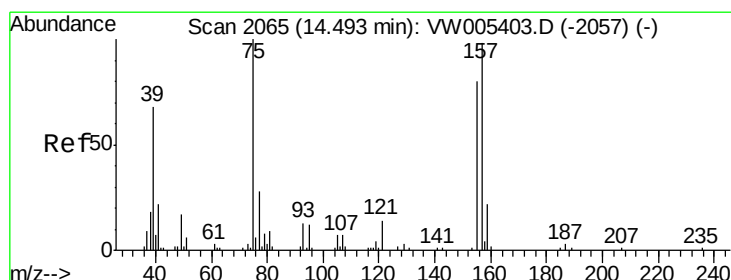
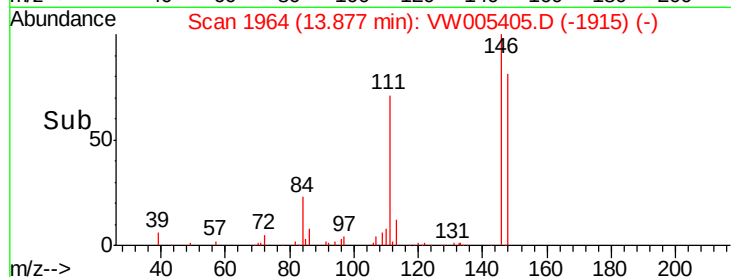
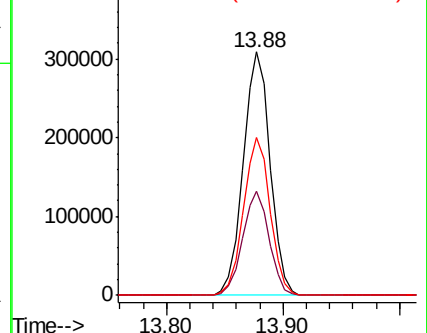
148 64.4 31.9 95.9



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: 102.072 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW005405.D

Acq: 15 Sep 2018 00:57

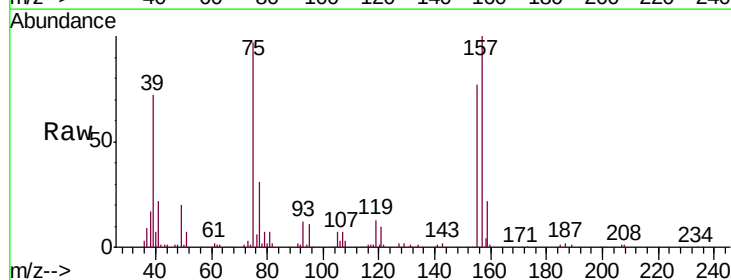
Tgt Ion: 75 Resp: 31861

Ion Ratio Lower Upper

75 100

155 78.9 39.0 117.0

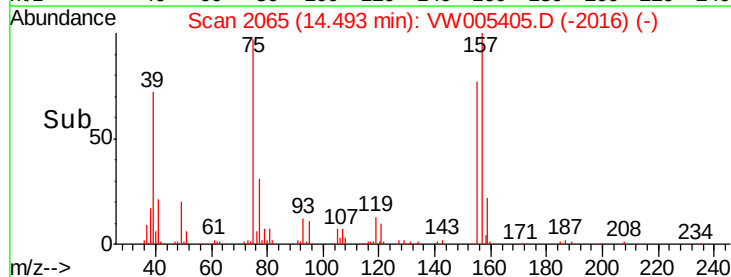
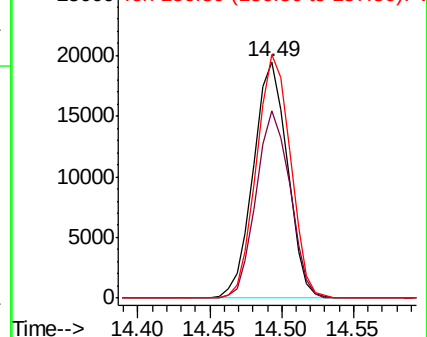
157 102.6 49.9 149.6

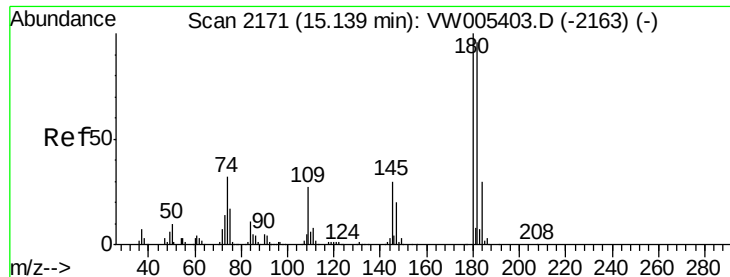


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

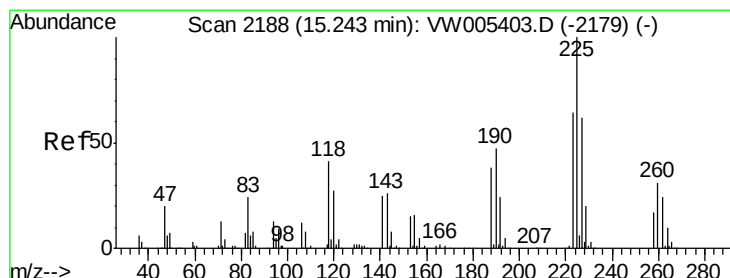
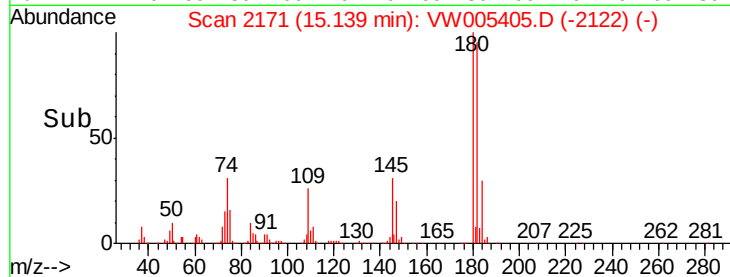
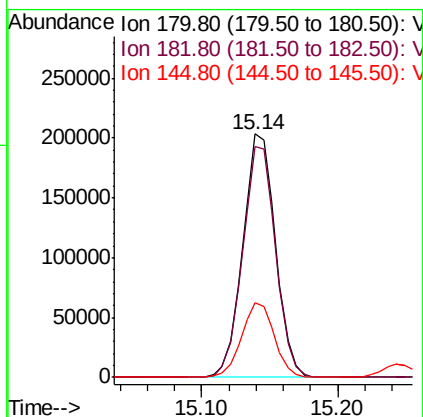
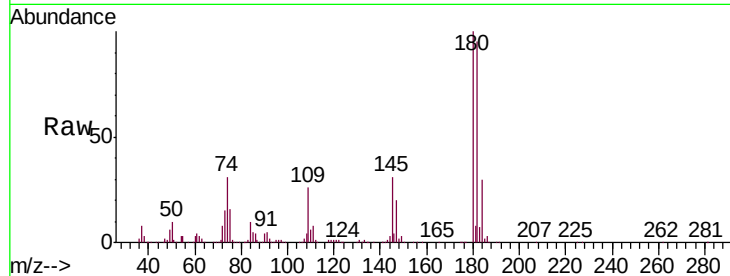




#93
 1,2,4-Trichlorobenzene
 Concen: 90.551 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

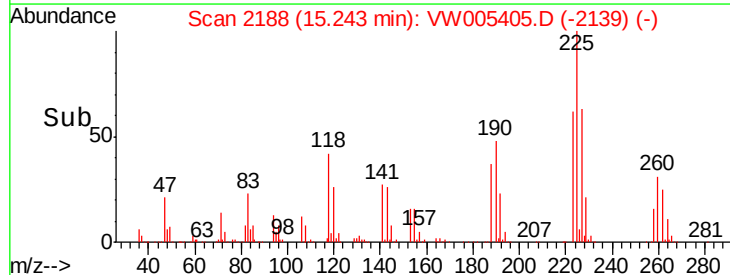
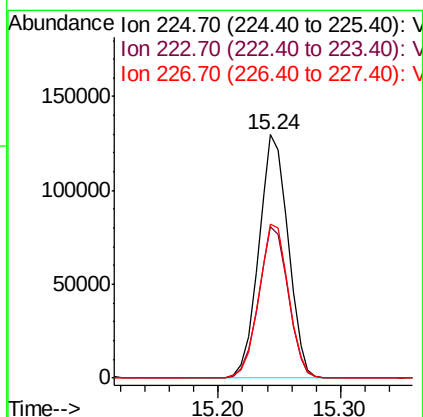
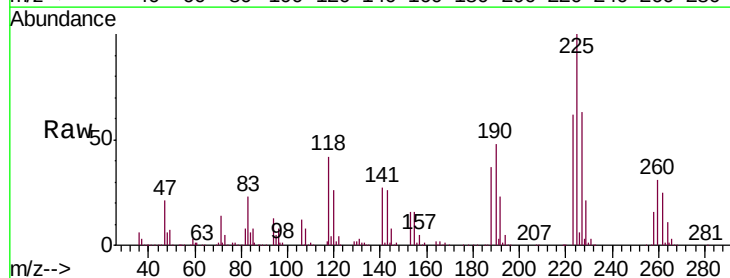
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

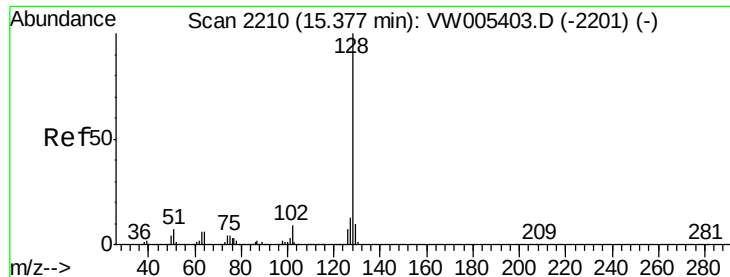
Tgt Ion:180 Resp: 341078
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 30.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 90.056 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005405.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:225 Resp: 217145
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 63.7 31.6 95.0

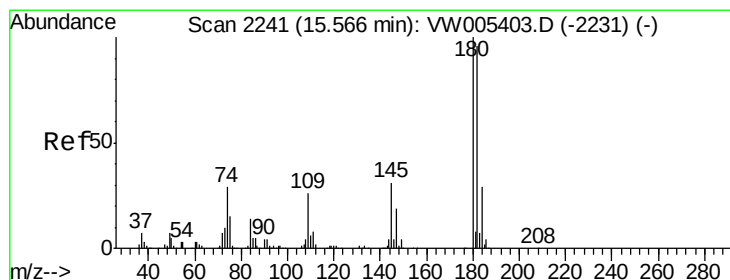
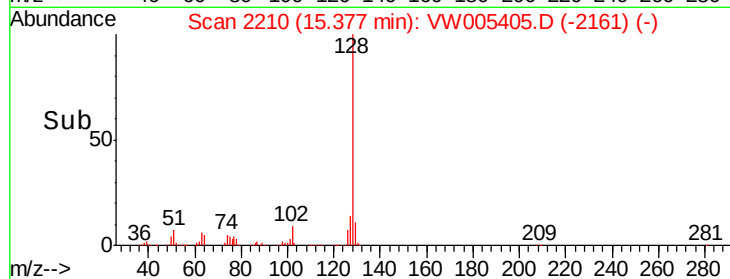
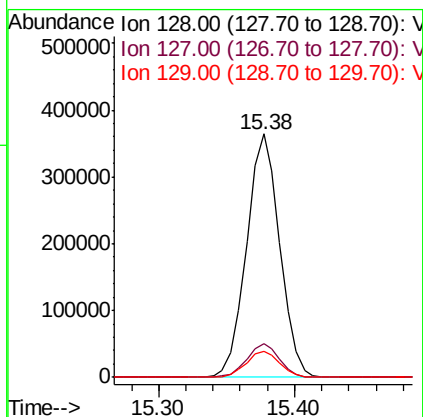
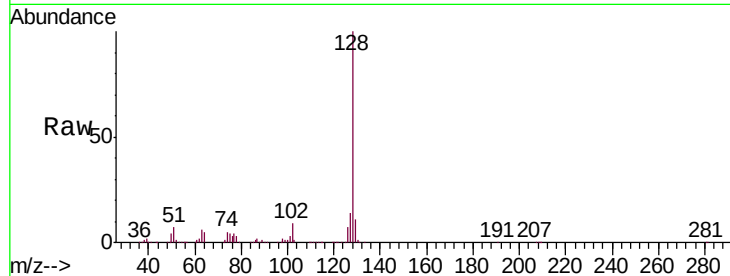




#95
Naphthalene
Concen: 101.952 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 621692
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 92.896 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005405.D
Acq: 15 Sep 2018 00:57

Tgt Ion:180 Resp: 300530
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.4
145 31.9 15.9 47.7

