

Data File : VW005403.D
Acq On : 15 Sep 2018 00:06
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Sep 15 02:07:39 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	230194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112179	61.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.82%	
35) Dibromofluoromethane	7.89	113	92493	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.33	98	442183	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	164965	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	98189	48.616	ug/l	100
3) Chloromethane	2.21	50	124597	46.791	ug/l	100
4) Vinyl Chloride	2.36	62	118890	48.415	ug/l	100
5) Bromomethane	2.78	94	78900	47.090	ug/l	100
6) Chloroethane	2.92	64	71905	52.394	ug/l	100
7) Trichlorofluoromethane	3.27	101	155818	54.403	ug/l	100
8) Diethyl Ether	3.69	74	46513	47.055	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89909	45.632	ug/l	100
10) Methyl Iodide	4.28	142	123034	56.380	ug/l	100
11) Tert butyl alcohol	5.21	59	34233	240.087	ug/l	100
12) 1,1-Dichloroethene	4.05	96	82287	45.508	ug/l	100
13) Acrolein	3.91	56	23331	178.112	ug/l	100
14) Allyl chloride	4.68	41	157535	54.707	ug/l	100
15) Acrylonitrile	5.38	53	109579	245.541	ug/l	100
16) Acetone	4.15	43	86141	263.489	ug/l	100
17) Carbon Disulfide	4.39	76	290751	45.898	ug/l	100
18) Methyl Acetate	4.68	43	54100	54.868	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	236907	53.507	ug/l	100
20) Methylene Chloride	4.93	84	121641	44.662	ug/l	100
21) trans-1,2-Dichloroethene	5.44	96	97871	46.093	ug/l	100
22) Diisopropyl ether	6.32	45	331192	57.045	ug/l	100
23) Vinyl Acetate	6.27	43	931667	286.980	ug/l	100
24) 1,1-Dichloroethane	6.23	63	186675	52.538	ug/l	100
25) 2-Butanone	7.18	43	137936	267.015	ug/l	100
26) 2,2-Dichloropropane	7.18	77	166841	54.065	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	108836	47.732	ug/l	100
28) Bromochloromethane	7.52	49	70488	53.919	ug/l	100
29) Tetrahydrofuran	7.54	42	88970	258.401	ug/l	100
30) Chloroform	7.68	83	191611	53.710	ug/l	100
31) Cyclohexane	7.96	56	176596	48.028	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	184418	56.822	ug/l	100
36) 1,1-Dichloropropene	8.09	75	157842	49.958	ug/l	100
37) Ethyl Acetate	7.26	43	62715	51.359	ug/l	100
38) Carbon Tetrachloride	8.07	117	161341	53.565	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	187708	45.714	ug/l	100
40) Benzene	8.33	78	460125	49.700	ug/l	100
41) Methacrylonitrile	7.49	41	38462	60.376	ug/l	100
42) 1,2-Dichloroethane	8.41	62	138976	59.493	ug/l	100
43) Isopropyl Acetate	8.43	43	125650	55.110	ug/l	100
44) Trichloroethene	9.10	130	116364	46.291	ug/l	100
45) 1,2-Dichloropropane	9.38	63	109011	49.009	ug/l	100
46) Dibromomethane	9.46	93	52772	48.096	ug/l	100
47) Bromodichloromethane	9.65	83	145942	53.590	ug/l	100
48) Methyl methacrylate	9.45	41	65597	55.838	ug/l	100
49) 1,4-Dioxane	9.48	88	18718	939.640	ug/l #	100
51) 4-Methyl-2-Pentanone	10.22	43	335455	264.960	ug/l	100
52) Toluene	10.40	92	319393	47.729	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147973	50.942	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	166591	48.375	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	76938	44.736	ug/l	100
56) Ethyl methacrylate	10.65	69	107376	49.079	ug/l	100
57) 1,3-Dichloropropane	10.94	76	138504	47.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	229351	240.082	ug/l	100
59) 2-Hexanone	10.98	43	237562	261.337	ug/l	100
60) Dibromochloromethane	11.13	129	95680	49.434	ug/l	100
61) 1,2-Dibromoethane	11.24	107	71502	45.379	ug/l	100
64) Tetrachloroethene	10.87	164	121143	49.216	ug/l	100
65) Chlorobenzene	11.66	112	346148	47.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	110930	50.748	ug/l	100
67) Ethyl Benzene	11.74	91	628917	49.791	ug/l	100
68) m/p-Xylenes	11.85	106	485380	95.907	ug/l	100
69) o-Xylene	12.17	106	227382	48.385	ug/l	100
70) Styrene	12.19	104	382003	49.659	ug/l	100
71) Bromoform	12.35	173	59076	50.047	ug/l #	100
73) Isopropylbenzene	12.47	105	623876	50.474	ug/l	100
74) N-amyl acetate	12.28	43	132381	55.140	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	88048	47.615	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	129719	96.017	ug/l #	100
77) Bromobenzene	12.75	156	144837	49.517	ug/l	100
78) n-propylbenzene	12.81	91	760045	50.828	ug/l	100
79) 2-Chlorotoluene	12.90	91	441847	51.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	558363	52.426	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28227	49.302	ug/l	100
82) 4-Chlorotoluene	12.99	91	467236	51.637	ug/l	100
83) tert-Butylbenzene	13.21	119	461226	49.936	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	567809	52.813	ug/l	100
85) sec-Butylbenzene	13.39	105	660604	49.832	ug/l	100
86) p-Isopropyltoluene	13.51	119	599691	50.995	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292237	47.884	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	290806	48.209	ug/l	100
89) n-Butylbenzene	13.83	91	561045	50.758	ug/l	100
90) Hexachloroethane	14.10	117	99618	52.301	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	260844	48.374	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16798	53.444	ug/l	100

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

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	180981	47.716	ug/l	100
94) Hexachlorobutadiene	15.24	225	116426	47.952	ug/l	100
95) Naphthalene	15.38	128	302816	49.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	156225	47.957	ug/l	100

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

Data File : VW005403.D

Acq On : 15 Sep 2018 00:06

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Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 8      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

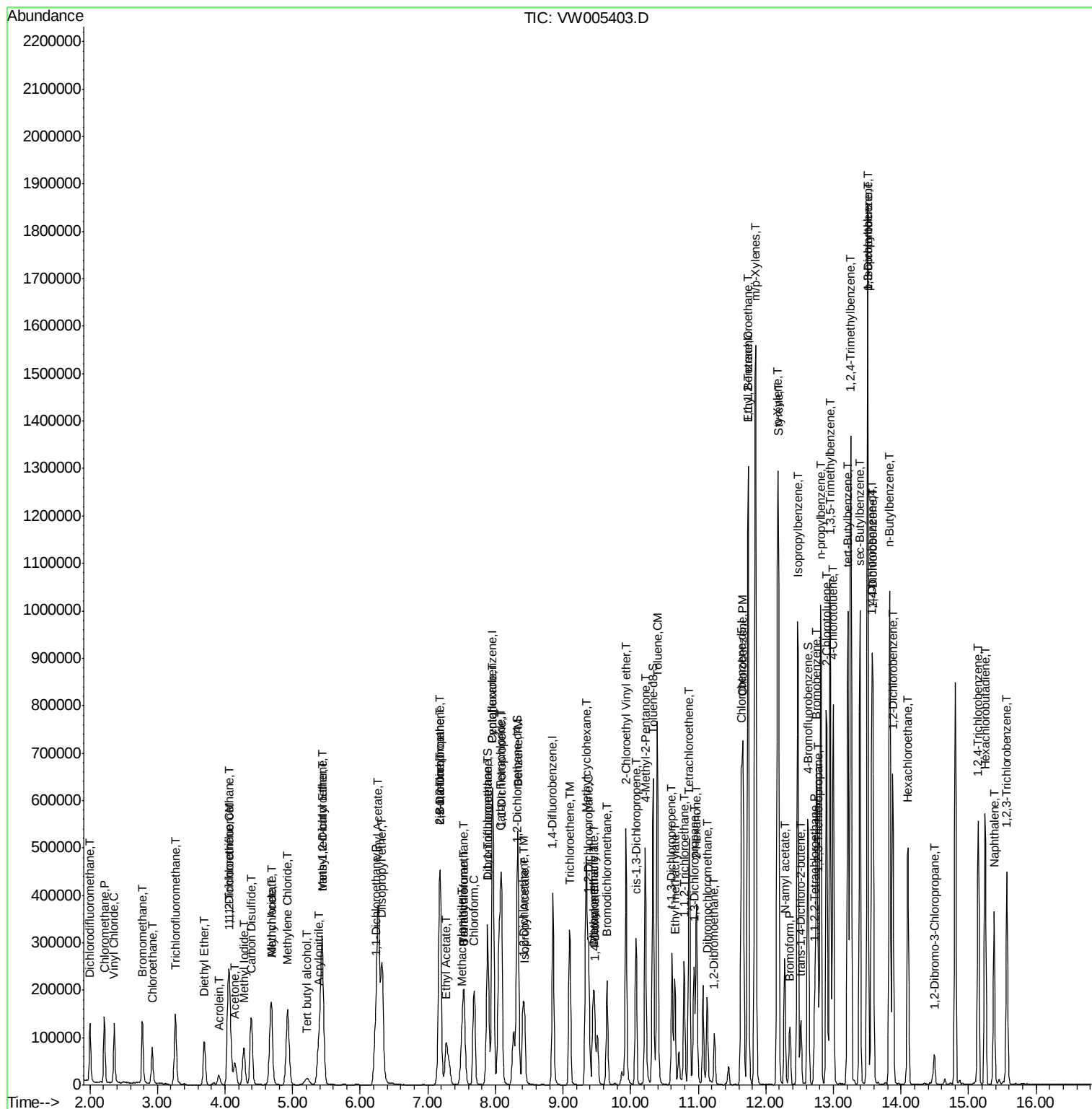
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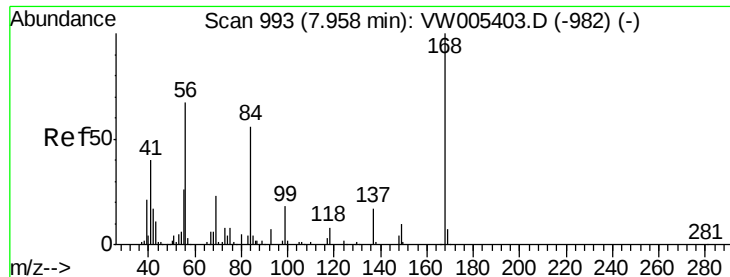
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W091618S.M

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: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

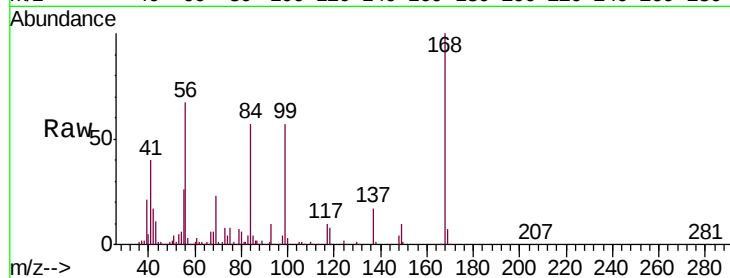
VSTDICCC050

Tgt Ion:168 Resp: 230194

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

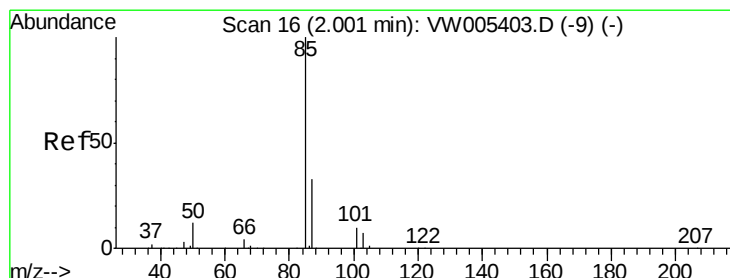
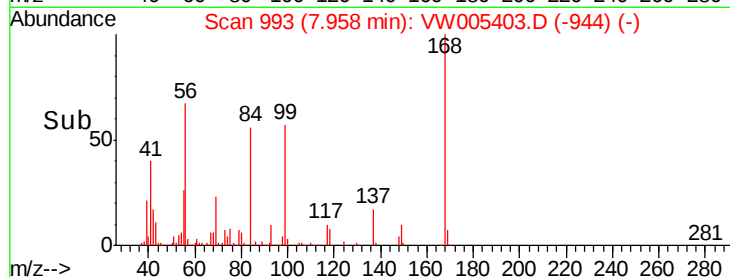
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.616 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005403.D

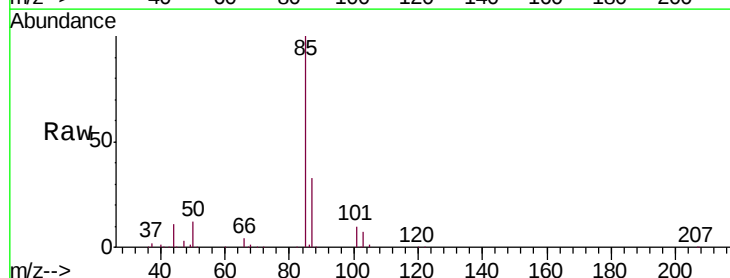
Acq: 15 Sep 2018 00:06

Tgt Ion: 85 Resp: 98189

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

2.00

80000

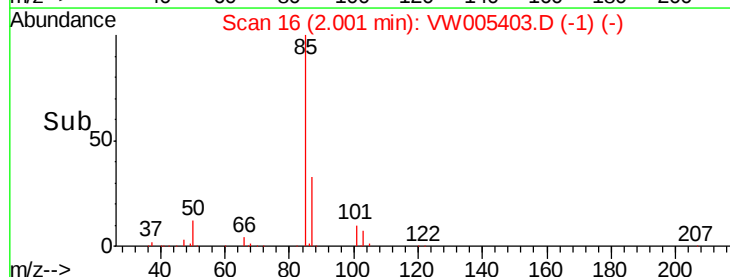
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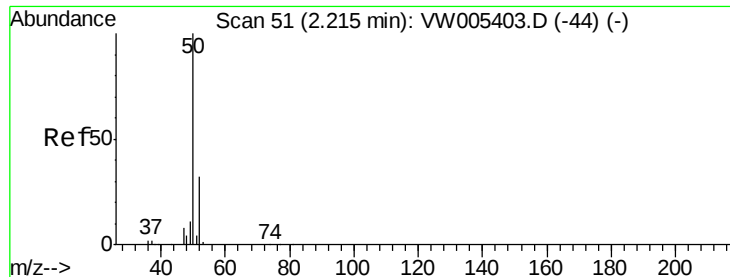
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 46.791 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

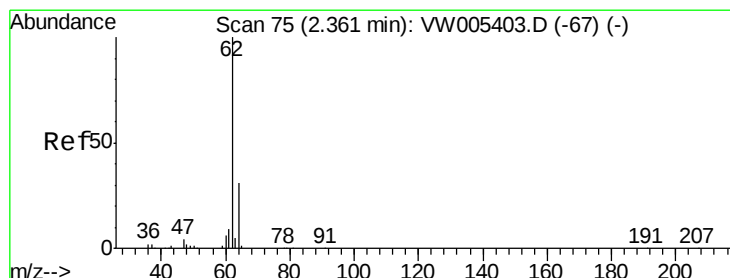
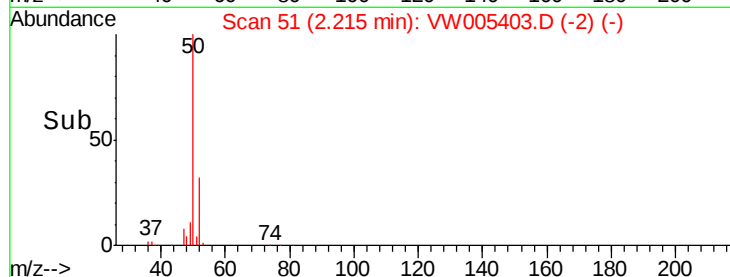
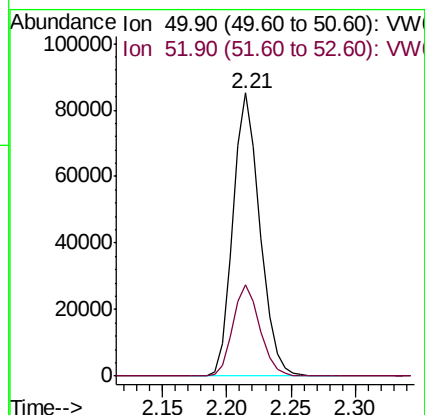
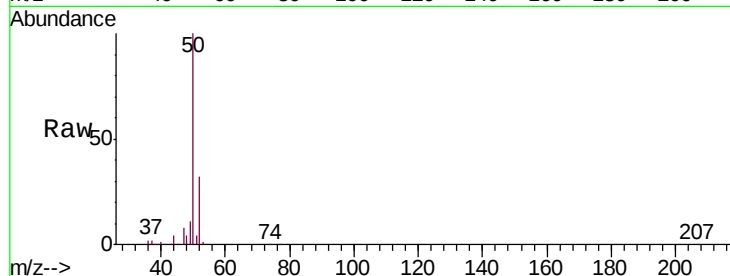
VSTDICCC050

Tgt Ion: 50 Resp: 124597

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 48.415 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005403.D

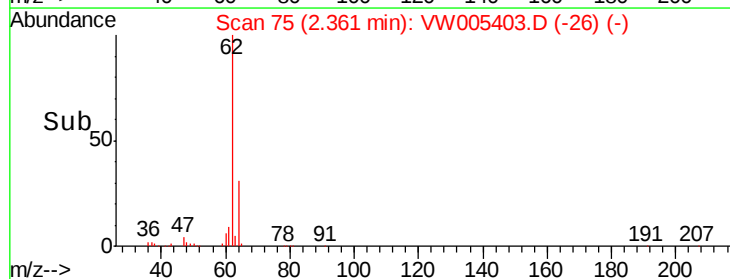
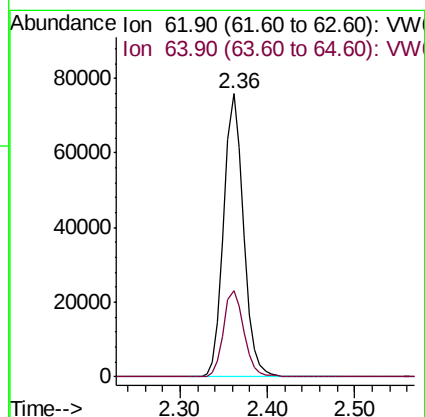
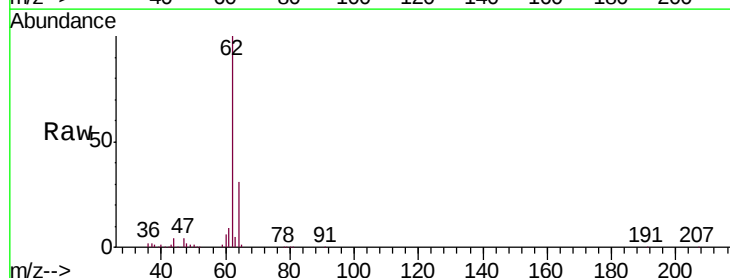
Acq: 15 Sep 2018 00:06

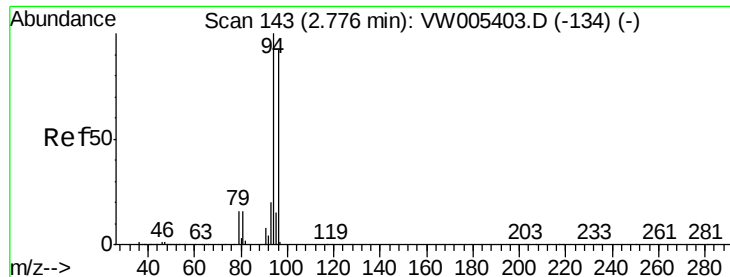
Tgt Ion: 62 Resp: 118890

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 47.090 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

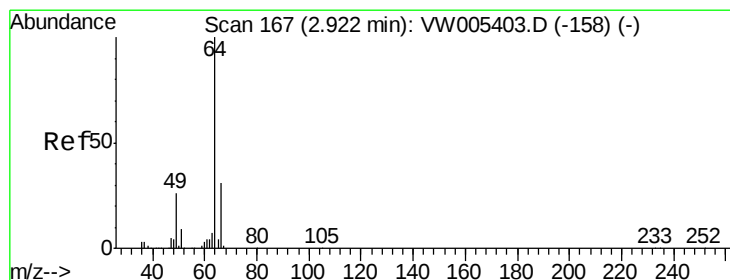
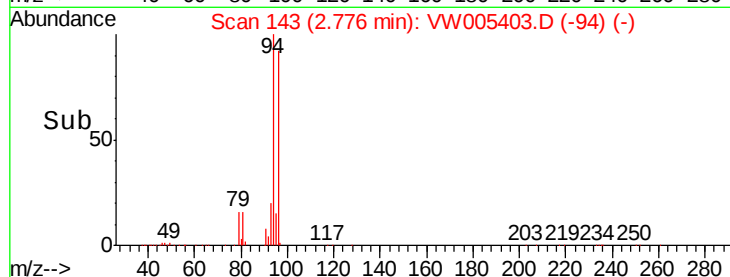
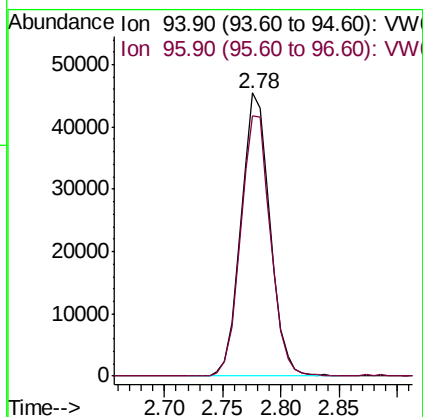
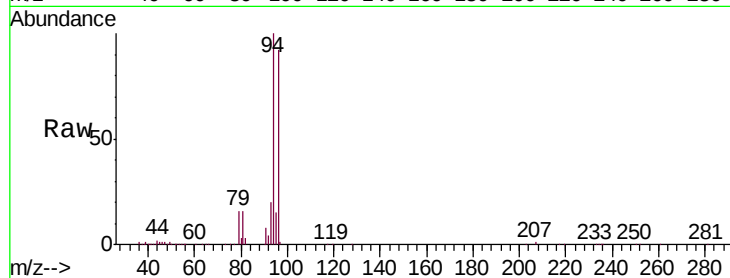
VSTDICCC050

Tgt Ion: 94 Resp: 78900

Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



#6

Chloroethane

Concen: 52.394 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005403.D

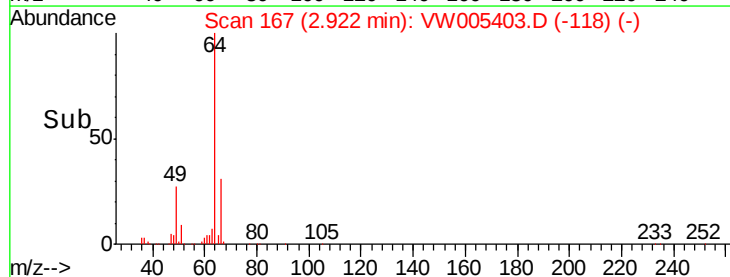
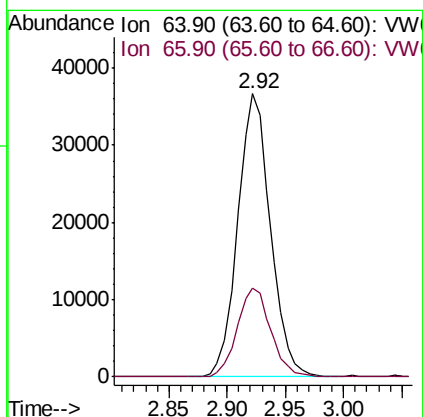
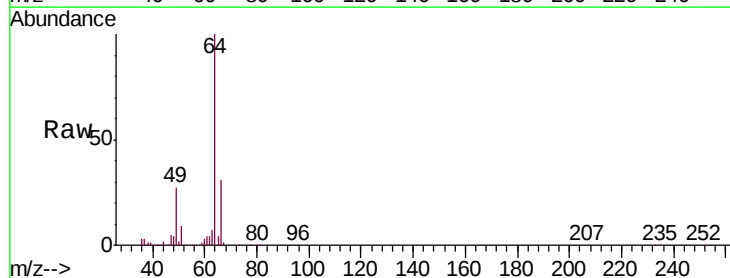
Acq: 15 Sep 2018 00:06

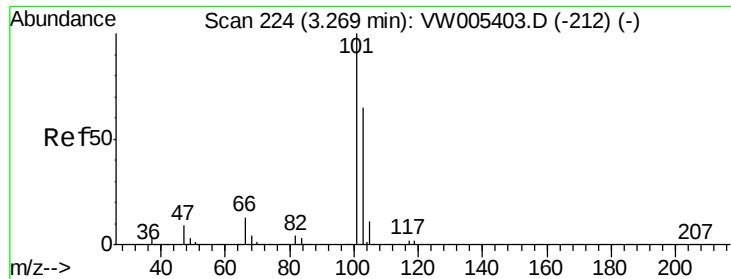
Tgt Ion: 64 Resp: 71905

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



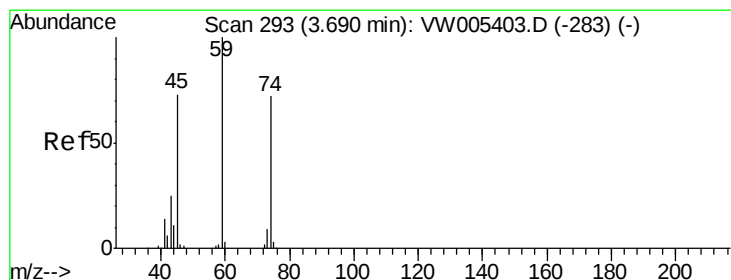
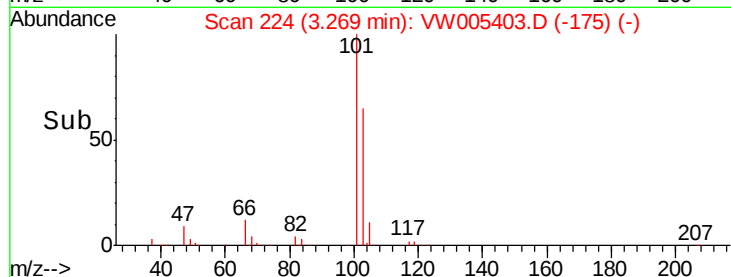
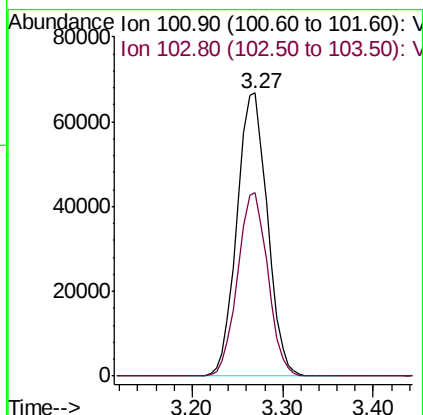
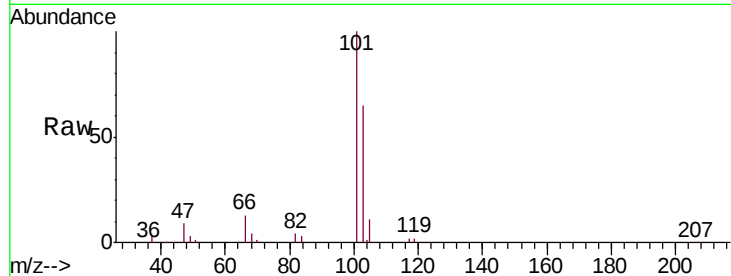


#7

Trichlorofluoromethane
 Concen: 54.403 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

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 VSTDICCC050

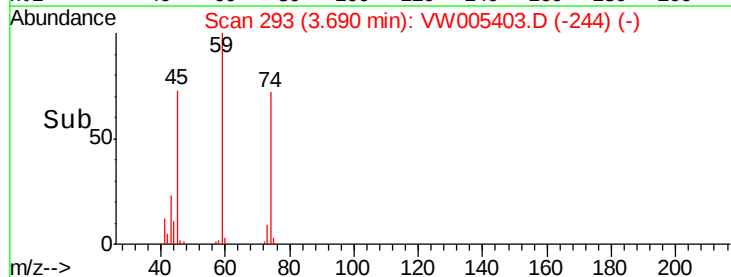
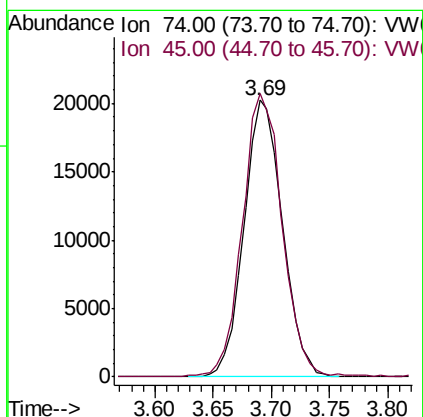
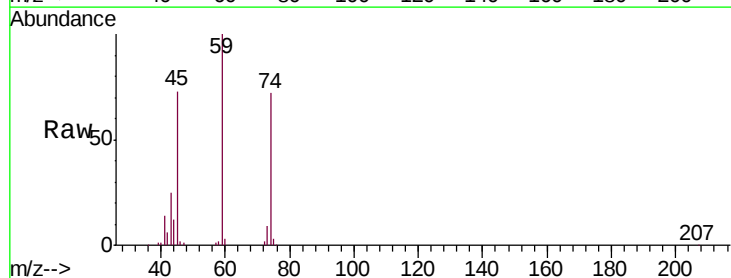
Tgt Ion:101 Resp: 155818
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

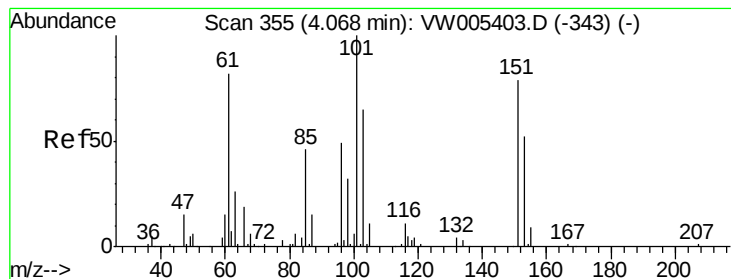


#8

Diethyl Ether
 Concen: 47.055 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 74 Resp: 46513
 Ion Ratio Lower Upper
 74 100
 45 106.2 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.632 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

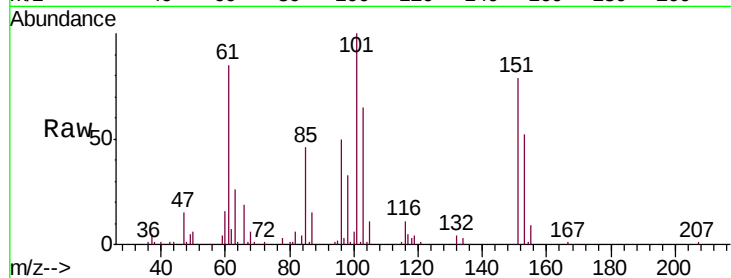
Tgt Ion:101 Resp: 89909

Ion Ratio Lower Upper

101 100

85 45.7 36.6 54.8

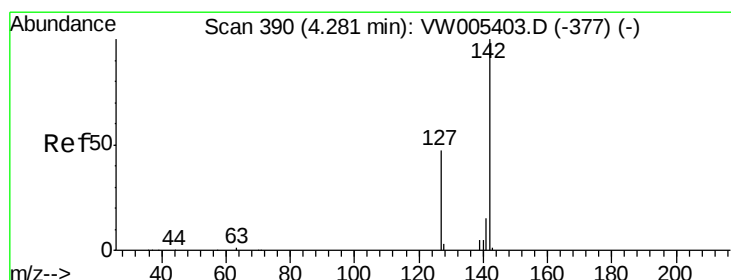
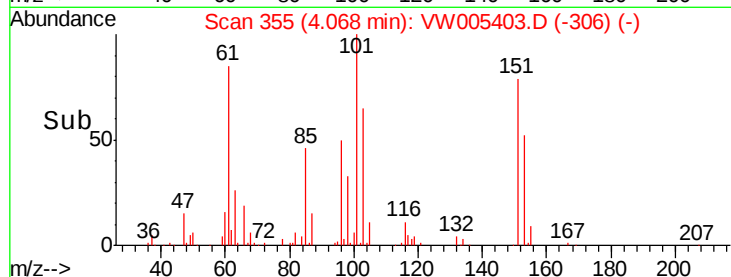
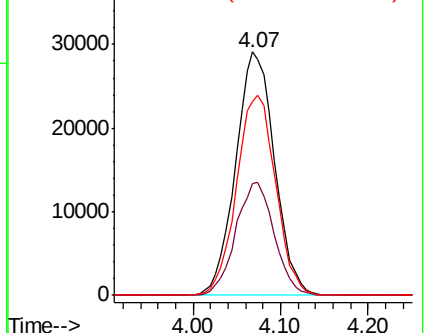
151 82.9 66.3 99.5



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: 56.380 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

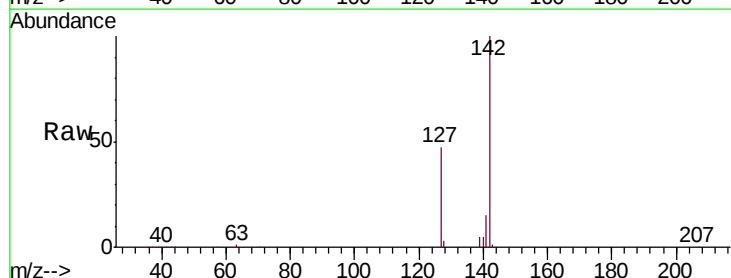
Tgt Ion:142 Resp: 123034

Ion Ratio Lower Upper

142 100

127 46.9 37.5 56.3

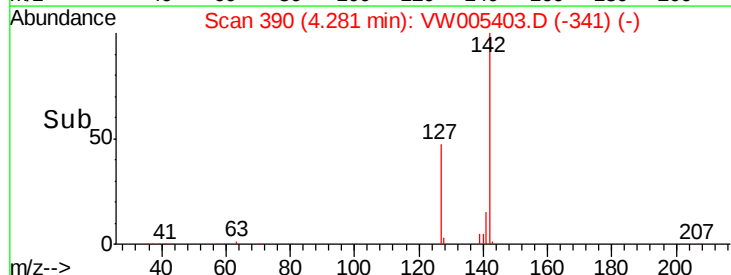
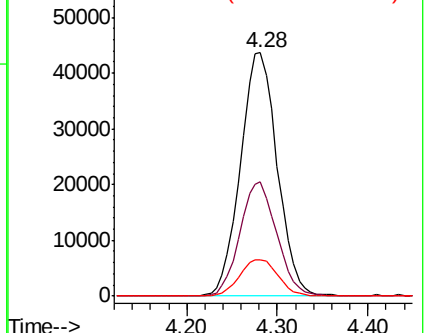
141 15.5 12.4 18.6

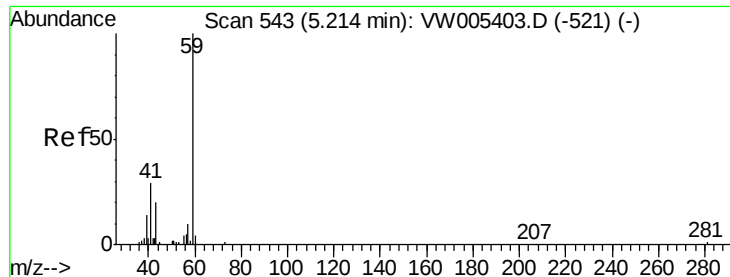


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 240.087 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

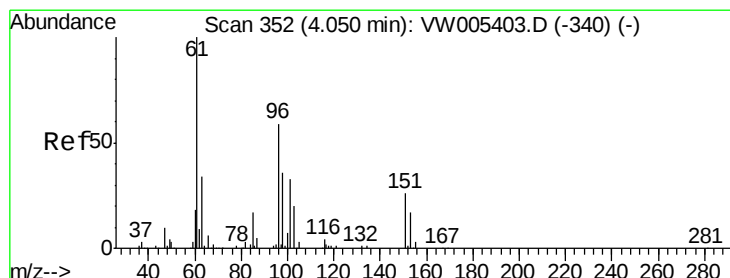
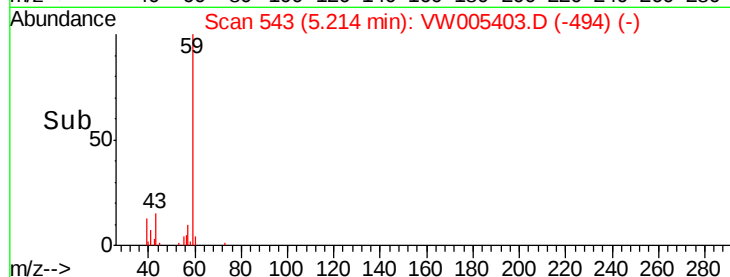
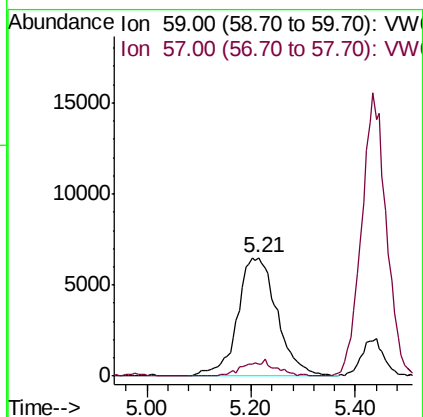
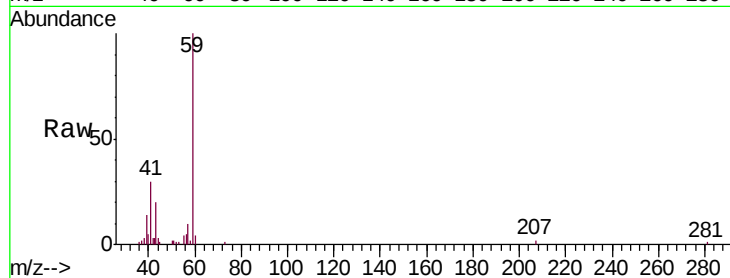
VSTDICCC050

Tgt Ion: 59 Resp: 34233

Ion Ratio Lower Upper

59 100

57 10.8 8.6 13.0



#12

1,1-Dichloroethene

Concen: 45.508 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

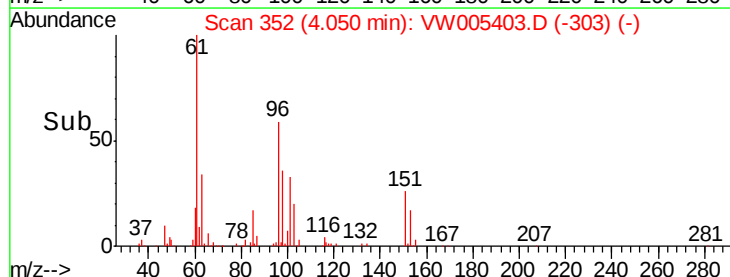
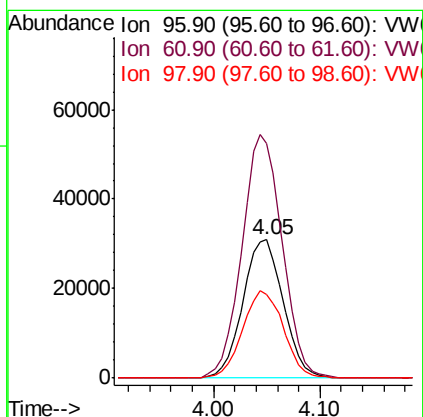
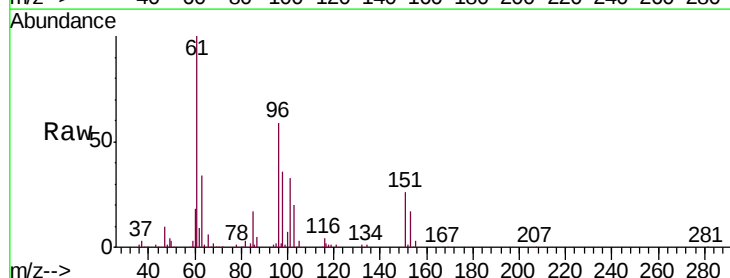
Tgt Ion: 96 Resp: 82287

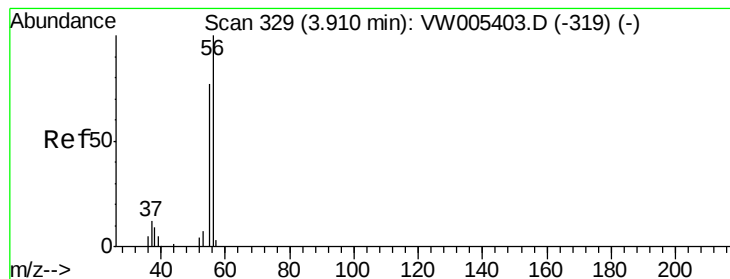
Ion Ratio Lower Upper

96 100

61 169.6 135.7 203.5

98 60.8 48.6 73.0





#13

Acrolein

Concen: 178.112 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

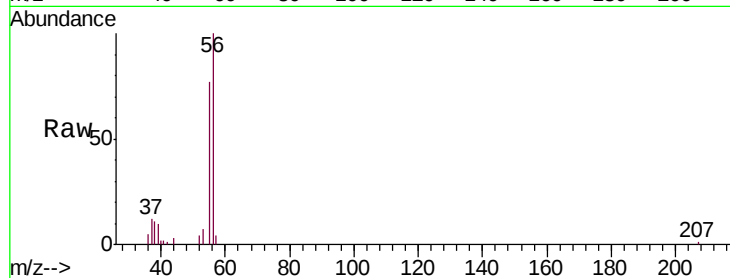
VSTDICCC050

Tgt Ion: 56 Resp: 23331

Ion Ratio Lower Upper

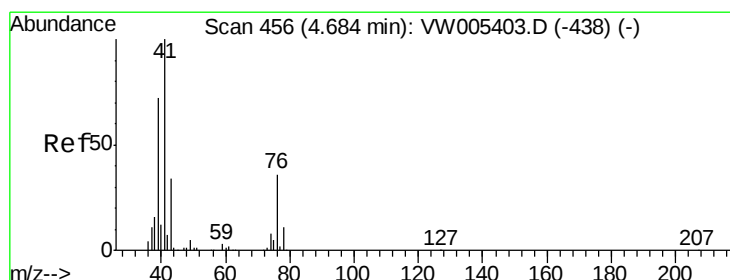
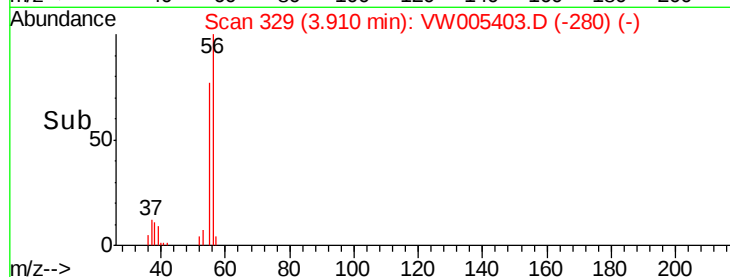
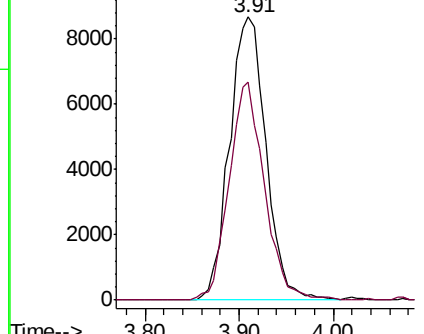
56 100

55 74.8 59.8 89.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 54.707 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

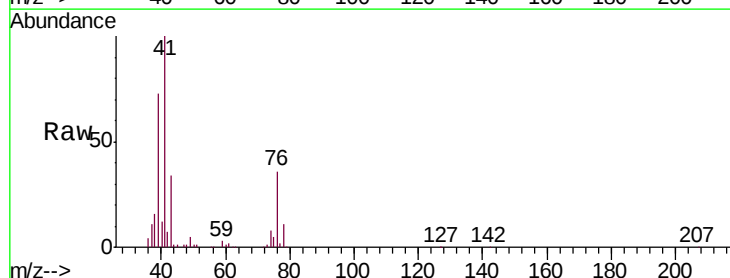
Tgt Ion: 41 Resp: 157535

Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

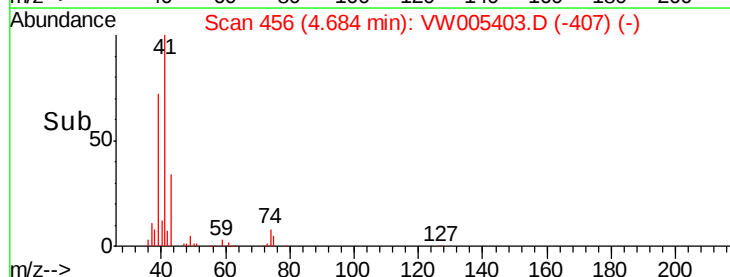
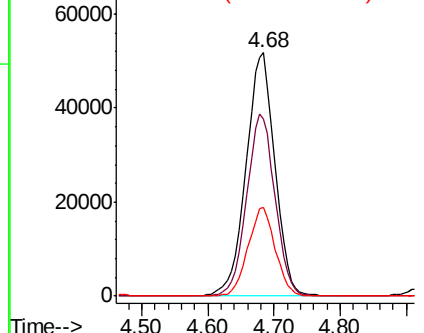
76 34.2 27.4 41.0

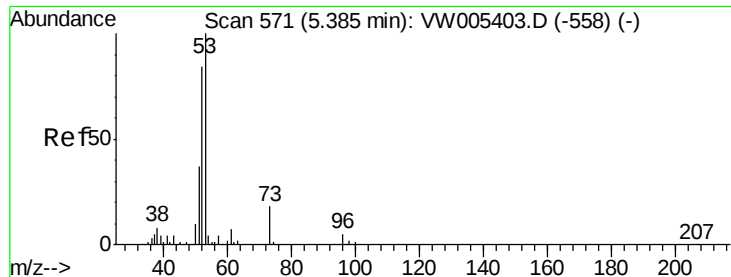


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 245.541 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

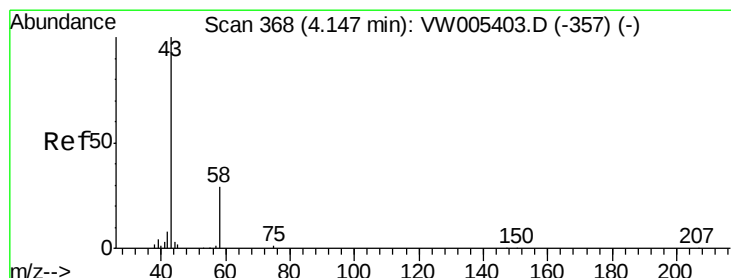
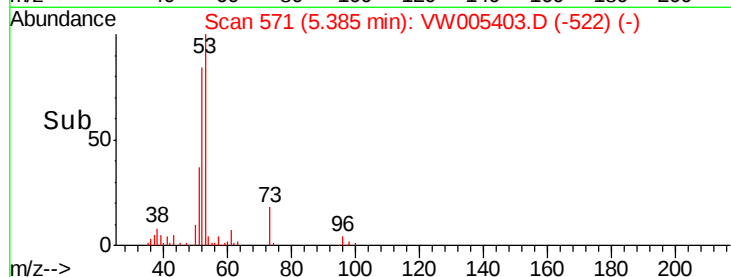
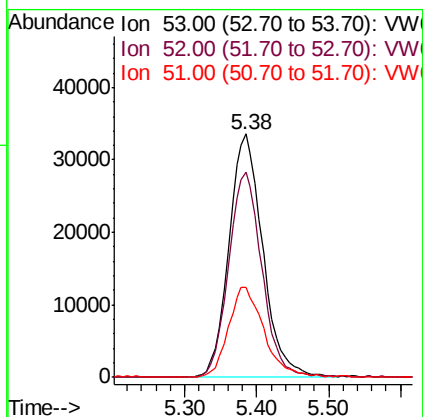
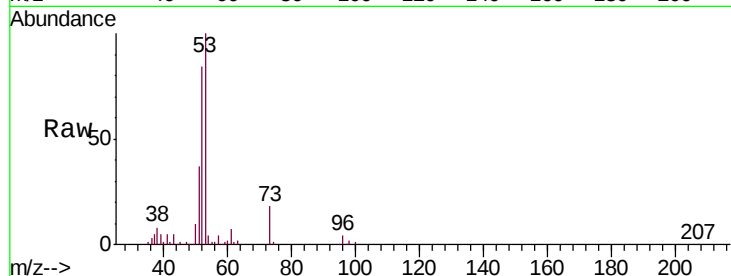
Tgt Ion: 53 Resp: 109579

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 38.9 31.1 46.7



#16

Acetone

Concen: 263.489 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005403.D

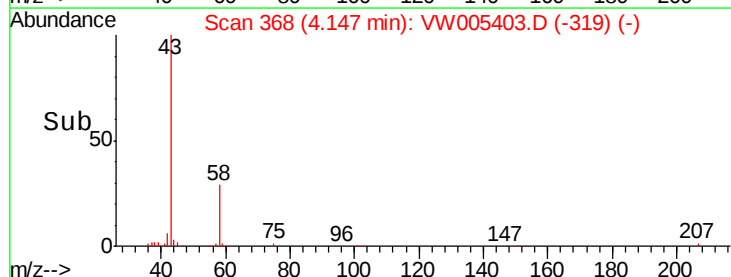
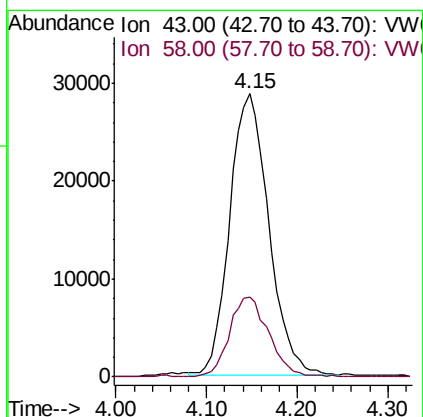
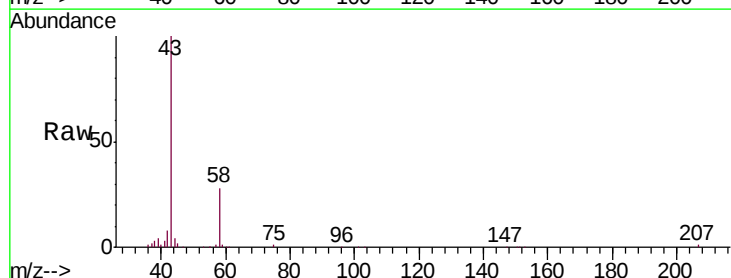
Acq: 15 Sep 2018 00:06

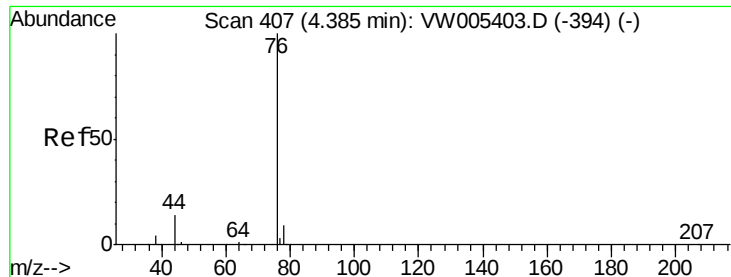
Tgt Ion: 43 Resp: 86141

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2





#17

Carbon Disulfide

Concen: 45.898 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

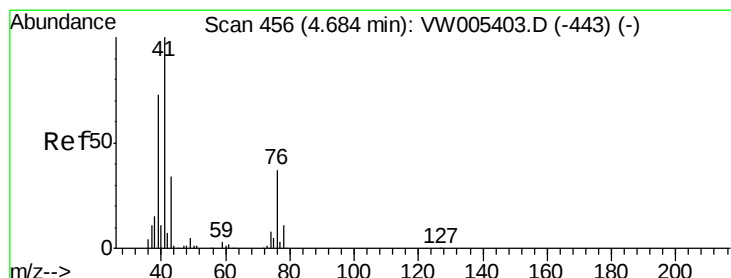
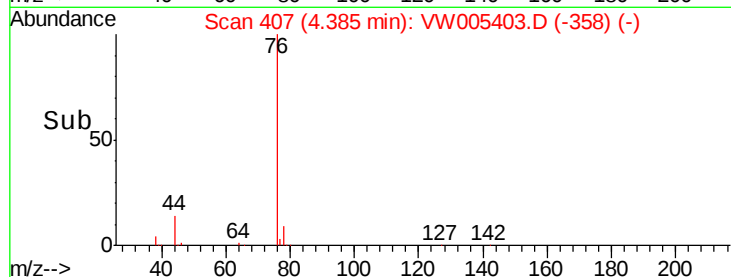
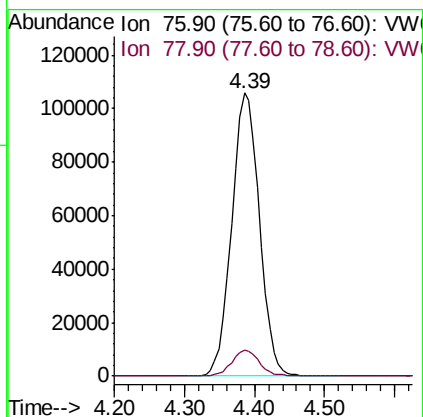
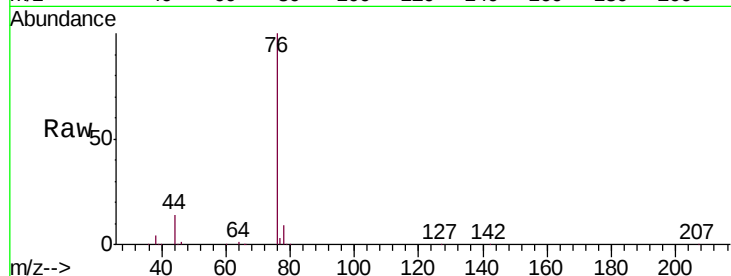
VSTDICCC050

Tgt Ion: 76 Resp: 290751

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 54.868 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005403.D

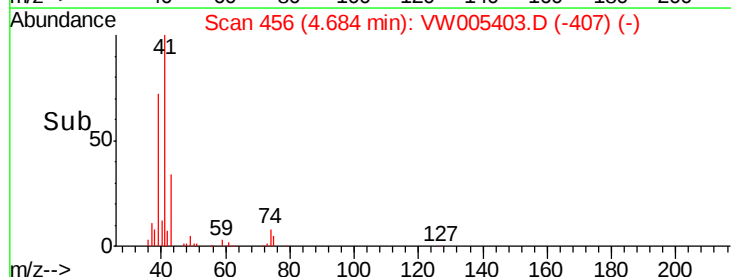
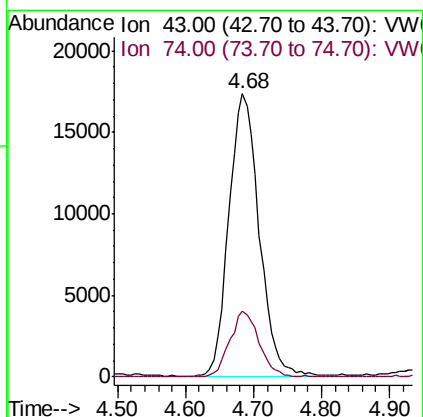
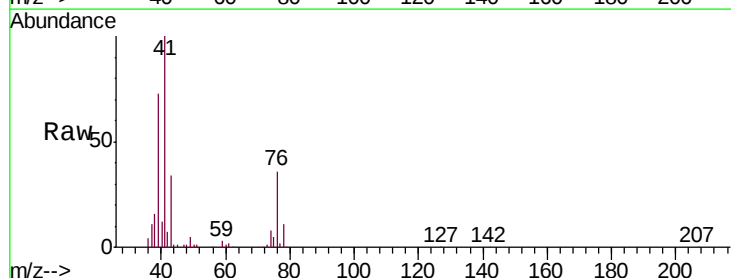
Acq: 15 Sep 2018 00:06

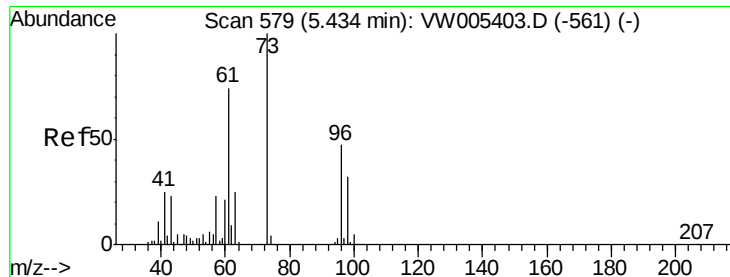
Tgt Ion: 43 Resp: 54100

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5

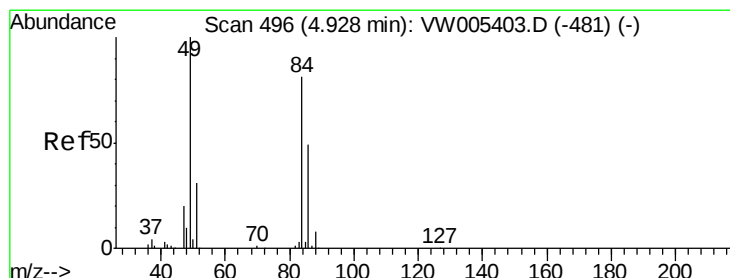
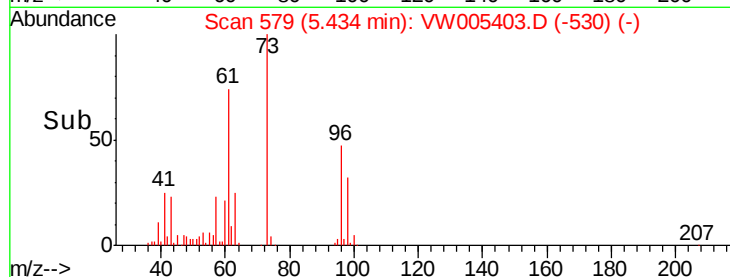
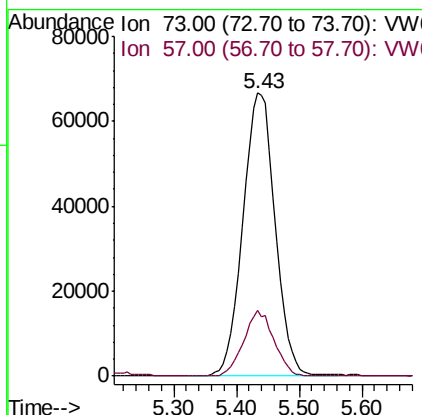
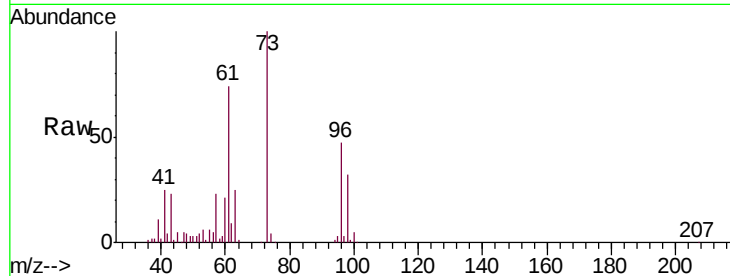




#19
Methyl tert-butyl Ether
Concen: 53.507 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

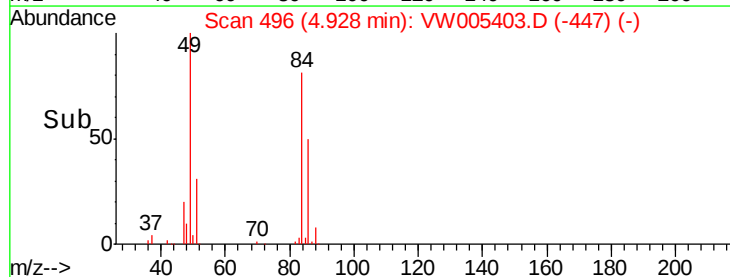
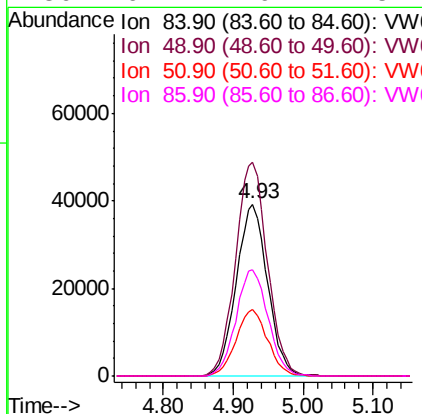
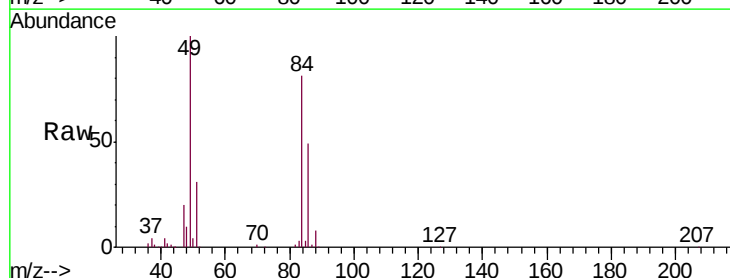
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

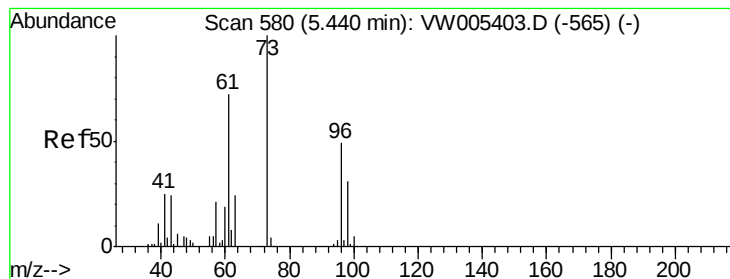
Tgt Ion: 73 Resp: 236907
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 44.662 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 84 Resp: 121641
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 38.9 31.1 46.7
86 61.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 46.093 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

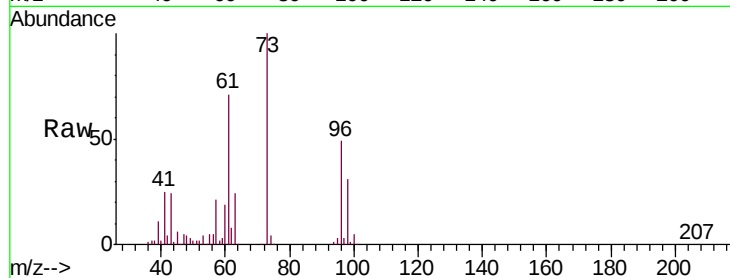
Tgt Ion: 96 Resp: 97871

Ion Ratio Lower Upper

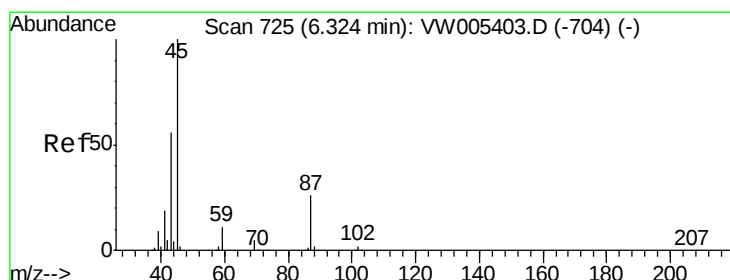
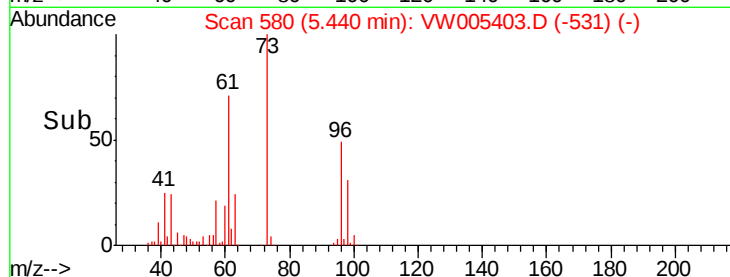
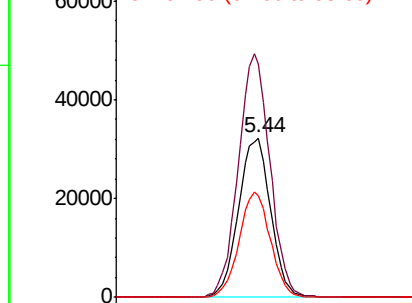
96 100

61 145.9 116.7 175.1

98 63.8 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: 57.045 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion: 45 Resp: 331192

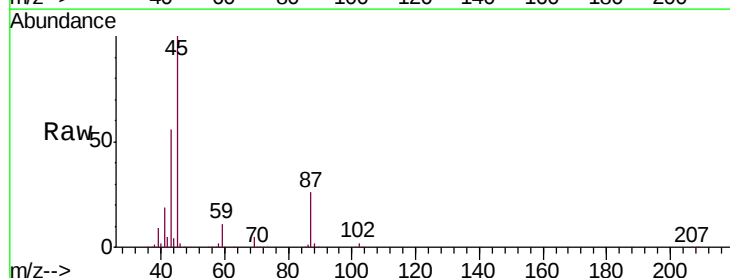
Ion Ratio Lower Upper

45 100

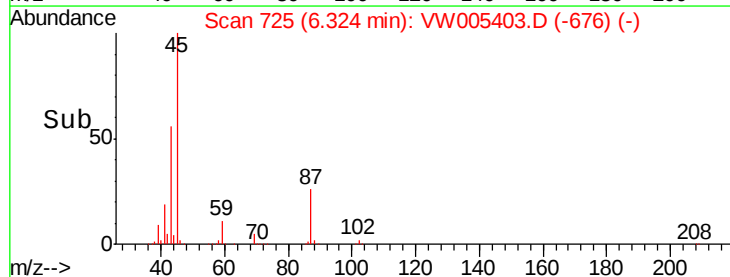
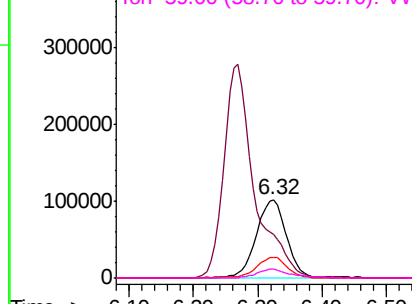
43 55.8 44.6 67.0

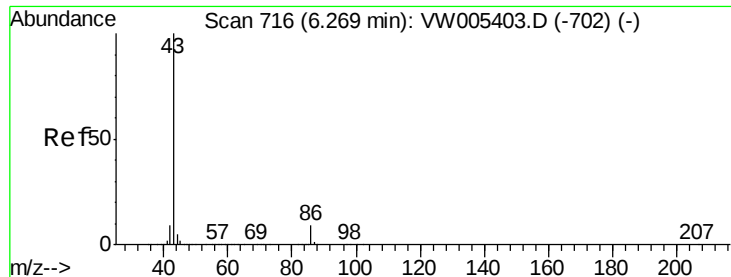
87 25.8 20.6 31.0

59 11.1 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: 286.980 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

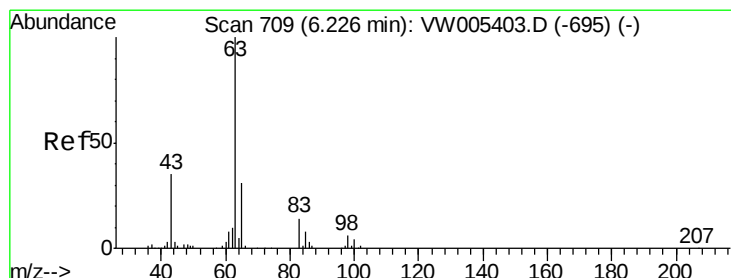
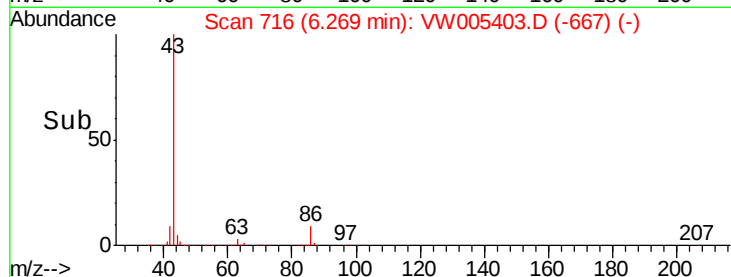
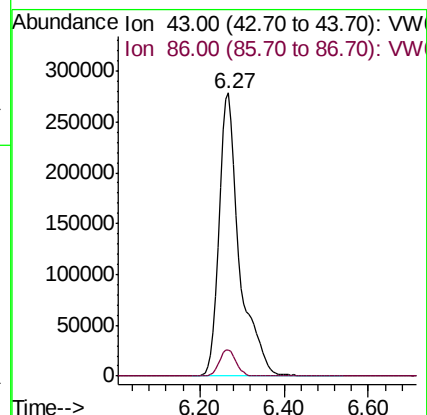
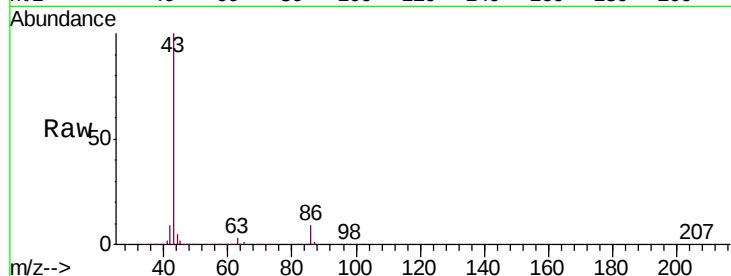
VSTDICCC050

Tgt Ion: 43 Resp: 931667

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



#24

1,1-Dichloroethane

Concen: 52.538 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

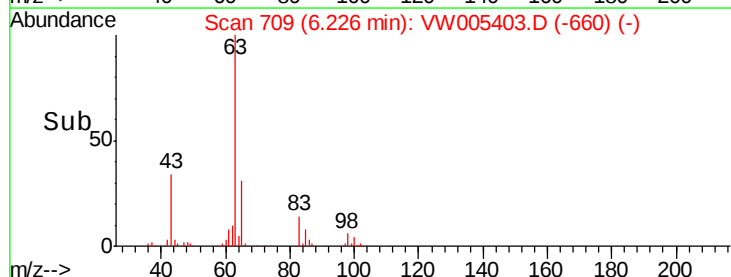
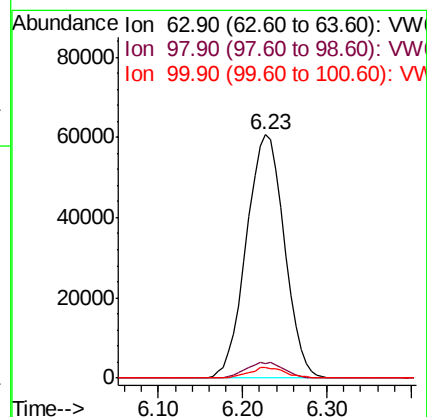
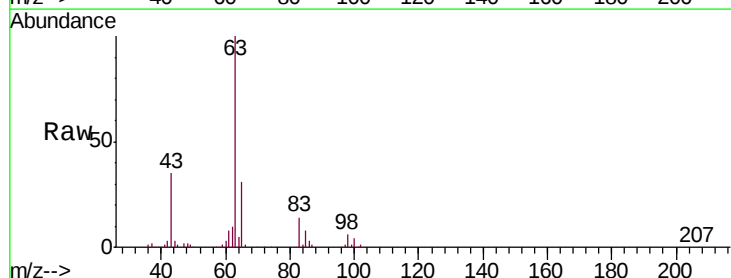
Tgt Ion: 63 Resp: 186675

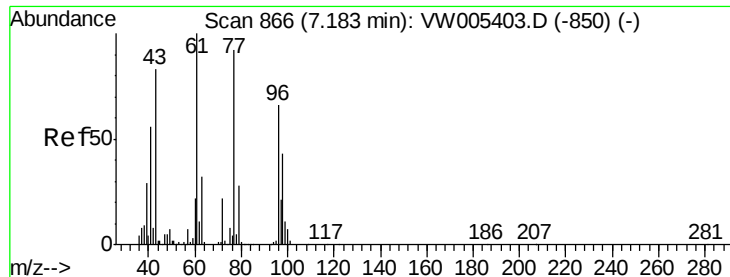
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 267.015 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

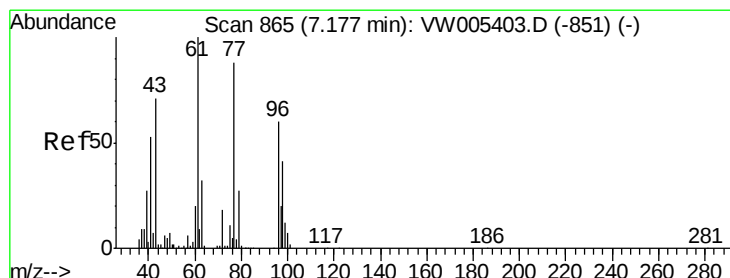
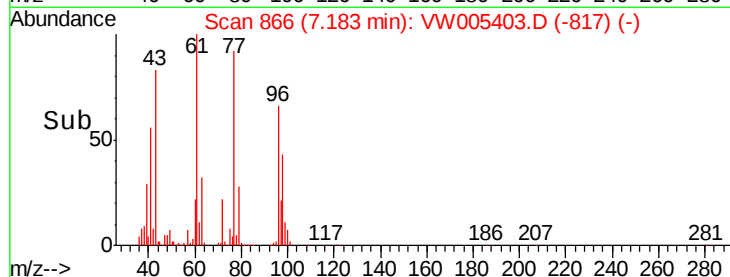
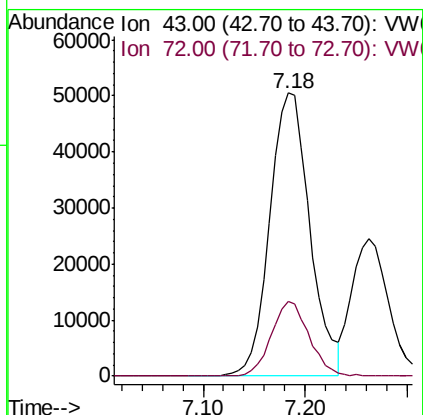
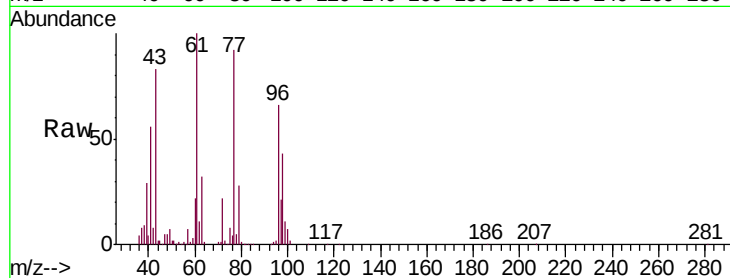
VSTDICCC050

Tgt Ion: 43 Resp: 137936

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 54.065 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005403.D

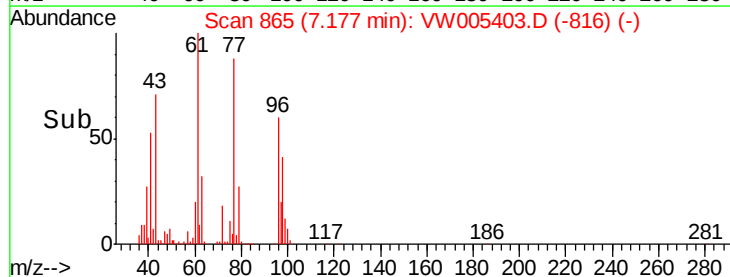
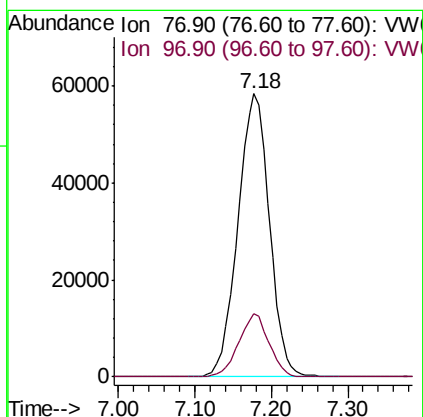
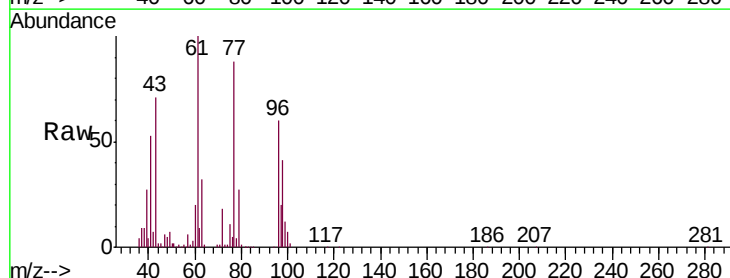
Acq: 15 Sep 2018 00:06

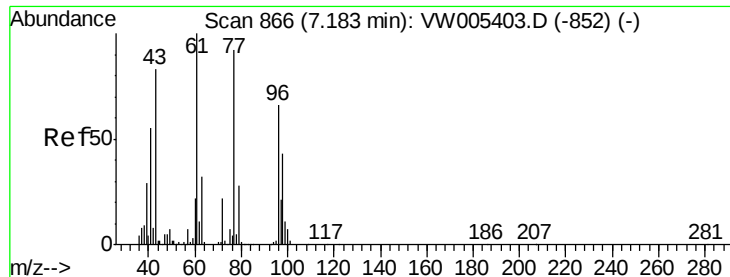
Tgt Ion: 77 Resp: 166841

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1



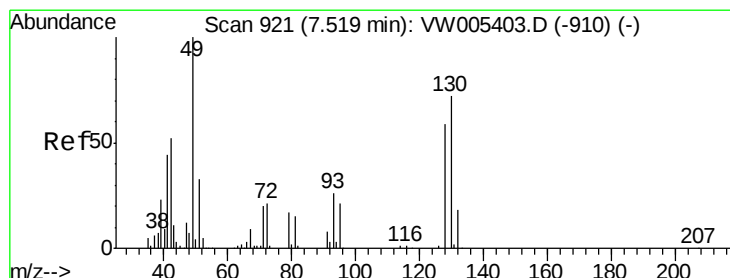
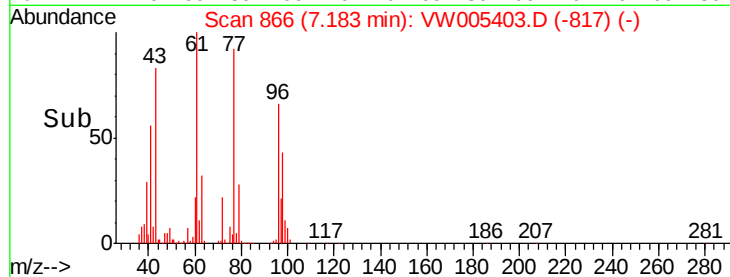
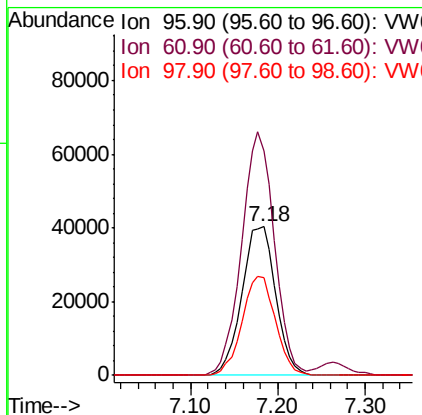
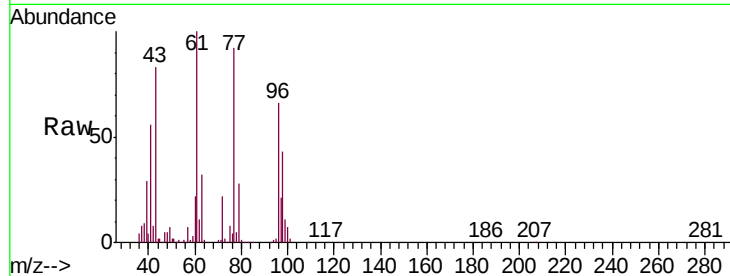


#27

cis-1,2-Dichloroethene
 Concen: 47.732 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

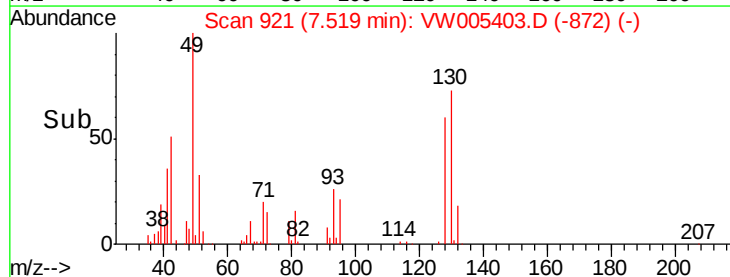
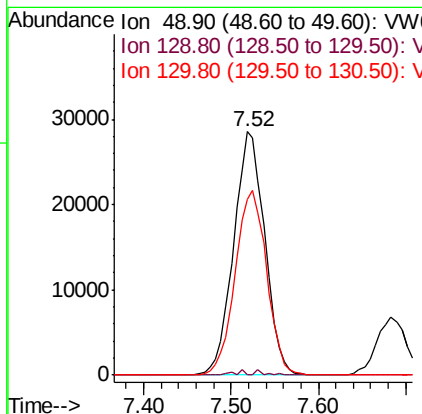
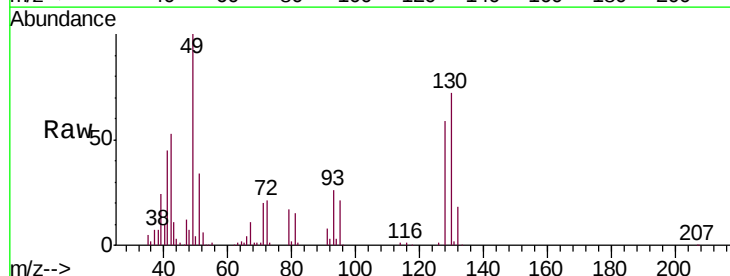
Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	316.0
98	65.4	0.0	130.8

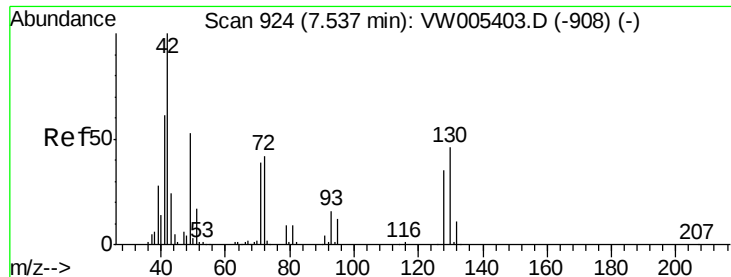


#28

Bromochloromethane
 Concen: 53.919 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	76.8	61.4	92.2

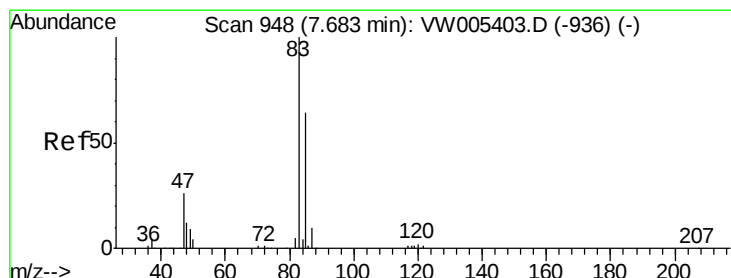
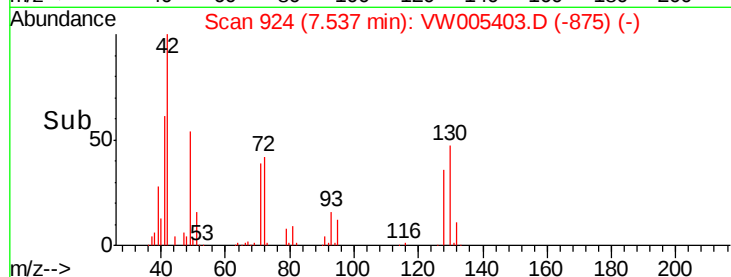
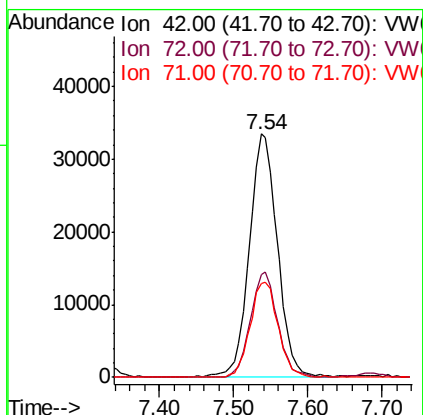
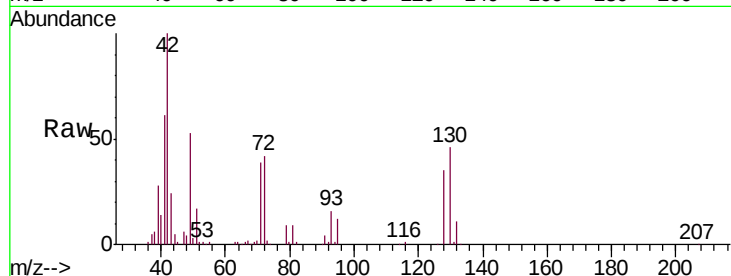




#29
Tetrahydrofuran
Concen: 258.401 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

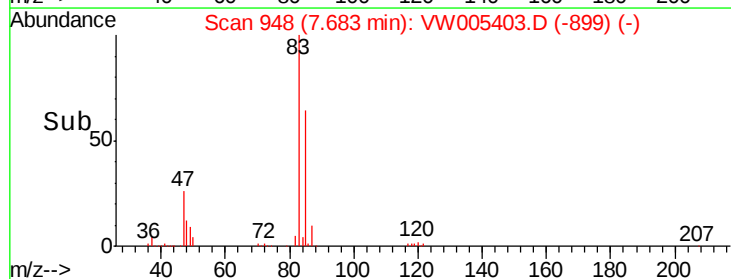
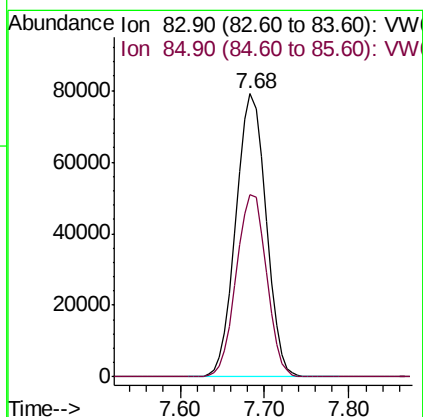
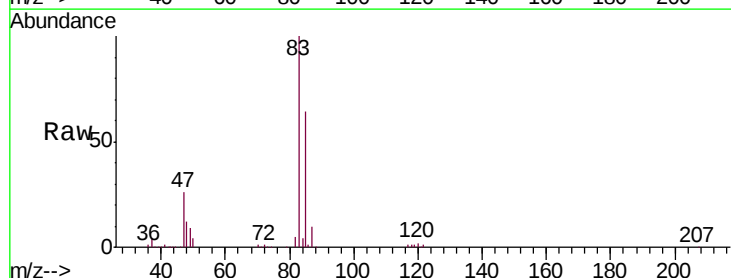
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

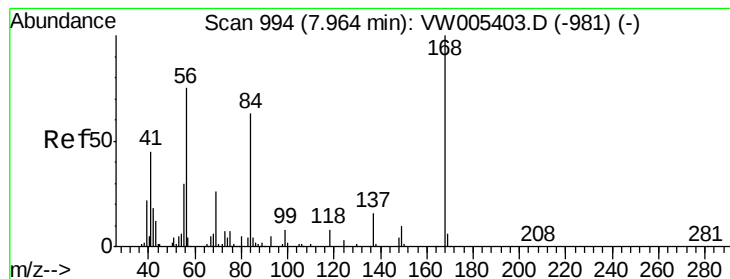
Tgt Ion: 42 Resp: 88970
Ion Ratio Lower Upper
42 100
72 41.5 33.2 49.8
71 38.8 31.0 46.6



#30
Chloroform
Concen: 53.710 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 83 Resp: 191611
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 48.028 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

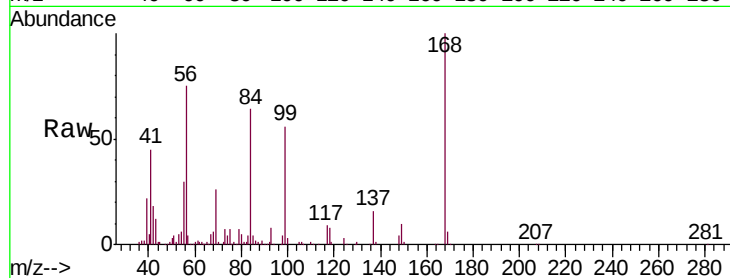
Tgt Ion: 56 Resp: 176596

Ion Ratio Lower Upper

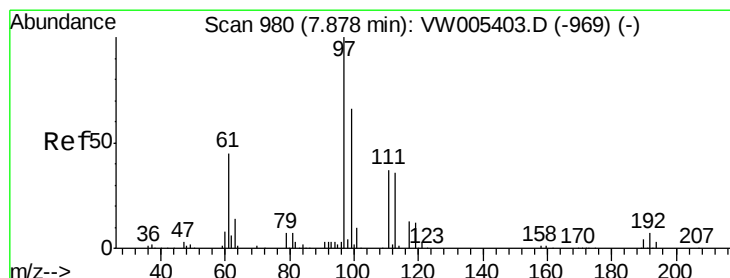
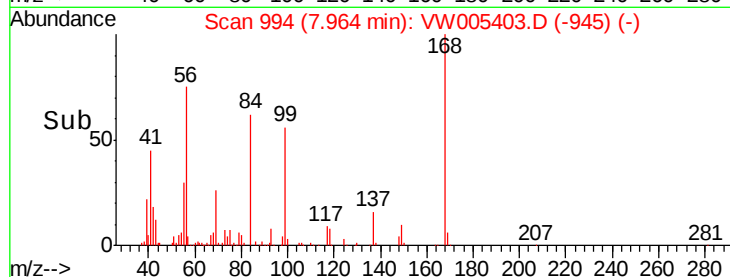
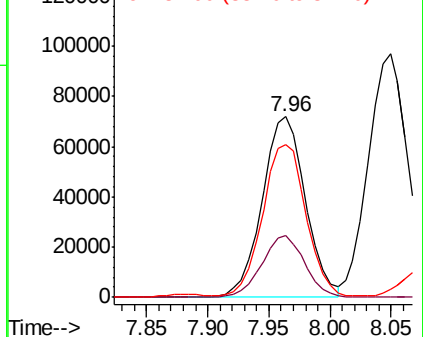
56 100

69 34.0 27.2 40.8

84 83.4 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: 56.822 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

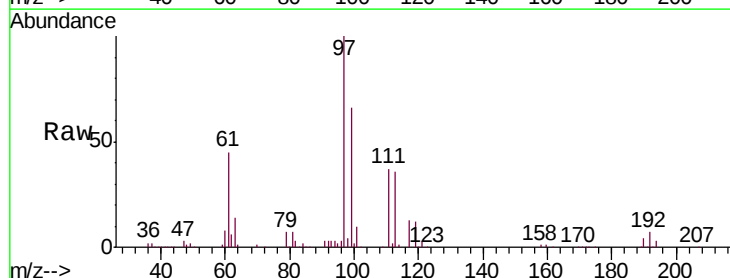
Tgt Ion: 97 Resp: 184418

Ion Ratio Lower Upper

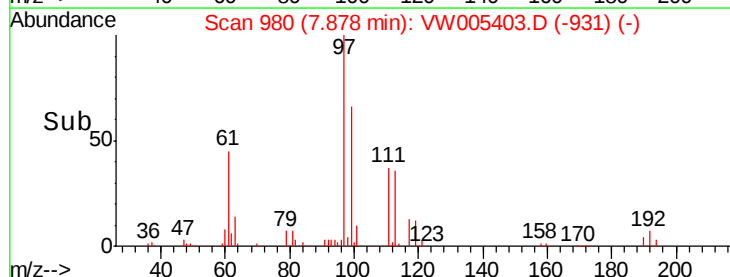
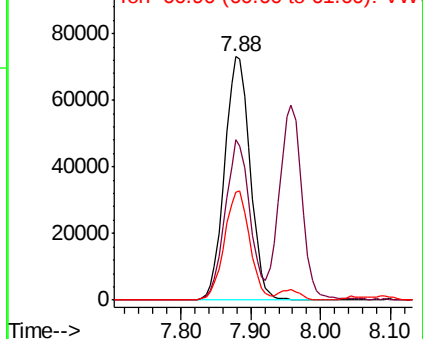
97 100

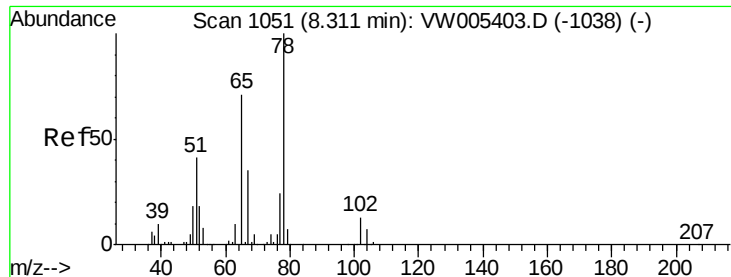
99 64.4 51.5 77.3

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

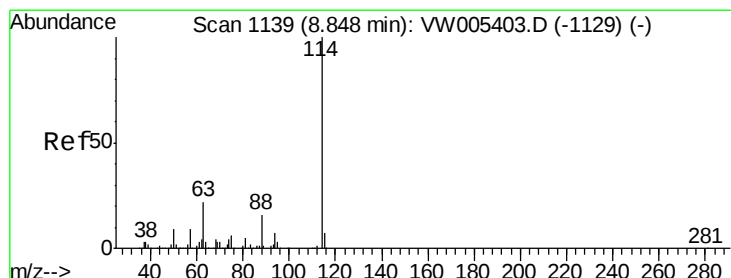
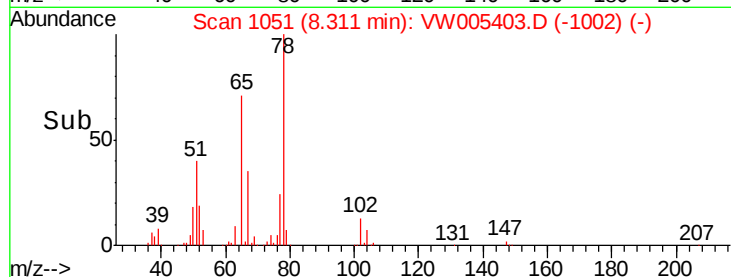
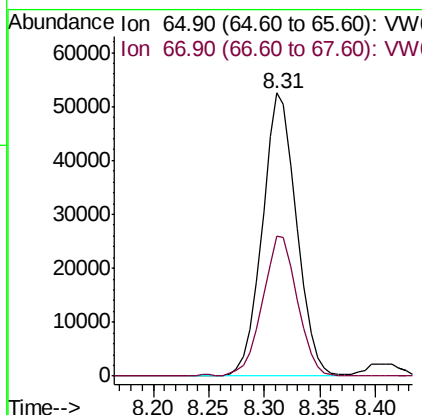
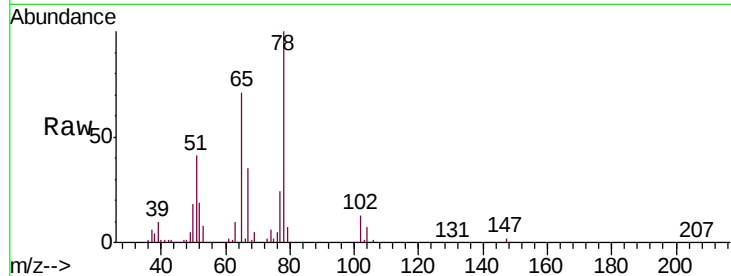




#33
 1,2-Dichloroethane-d4
 Concen: 61.914 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

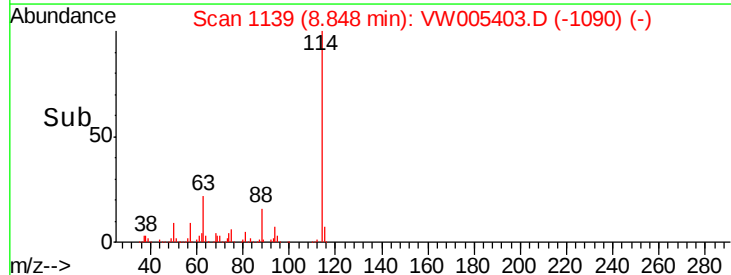
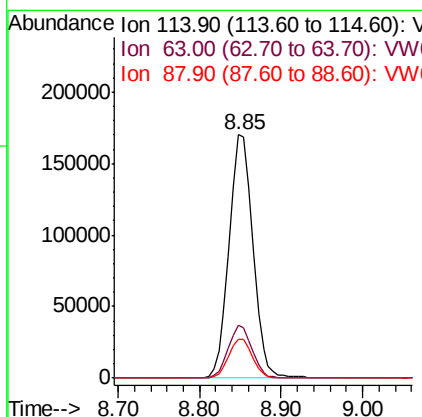
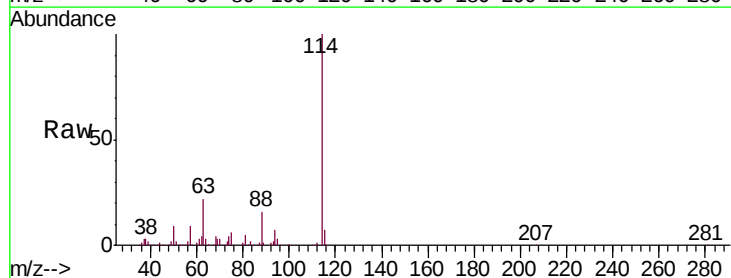
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

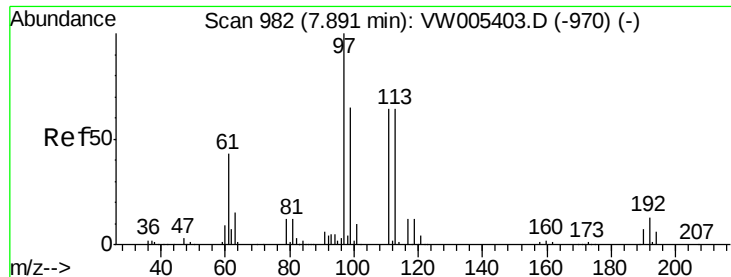
Tgt Ion: 65 Resp: 112179
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 114 Resp: 343134
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.337 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

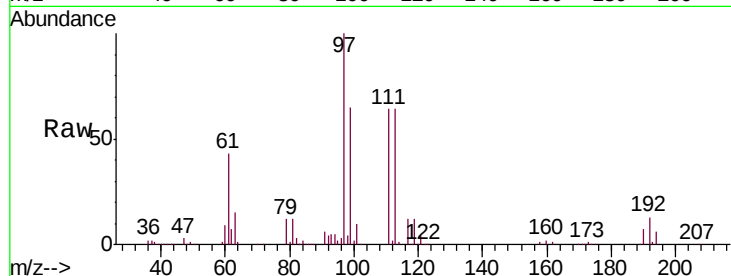
Tgt Ion:113 Resp: 92493

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

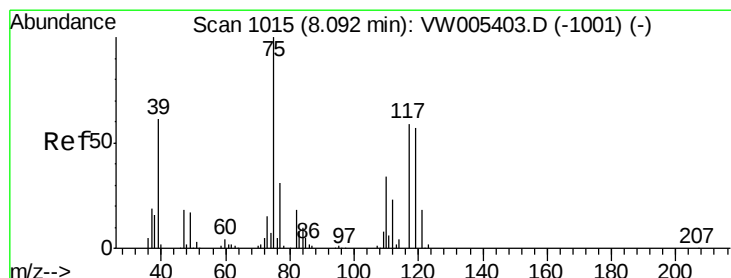
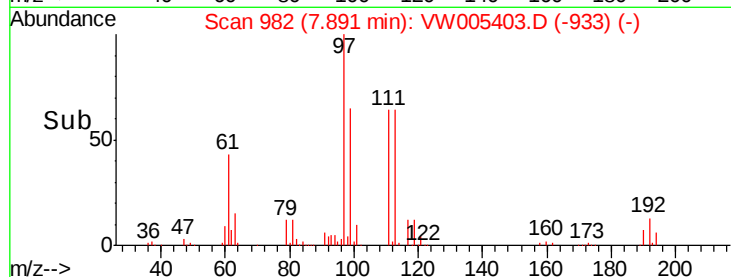
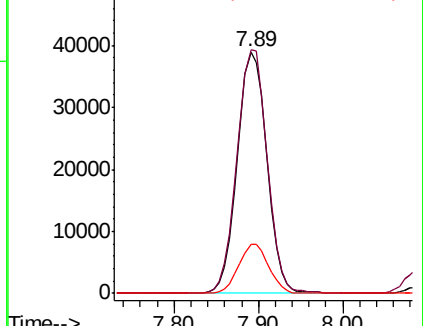
192 20.6 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.958 ug/l

RT: 8.09 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

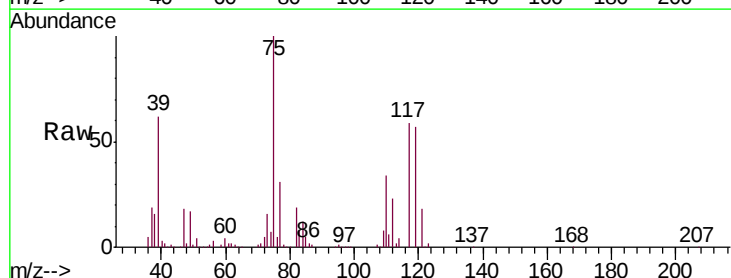
Tgt Ion: 75 Resp: 157842

Ion Ratio Lower Upper

75 100

110 33.6 16.8 50.4

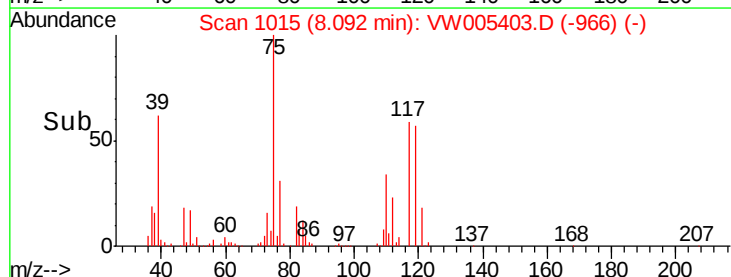
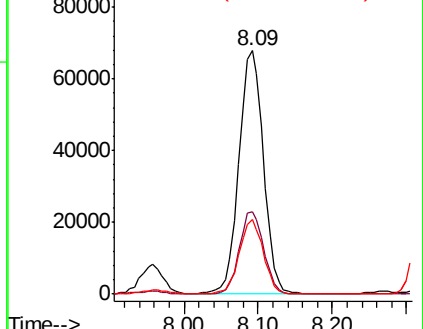
77 30.3 24.2 36.4

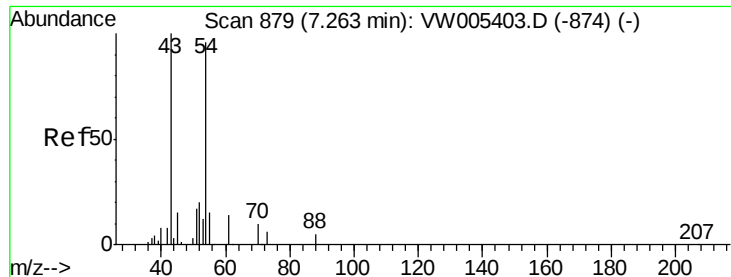


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

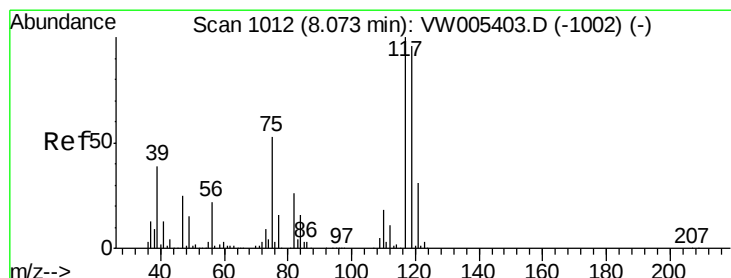
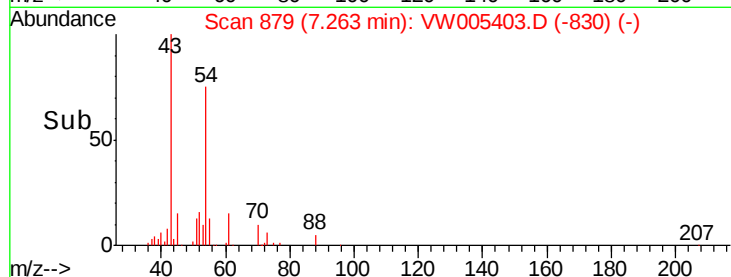
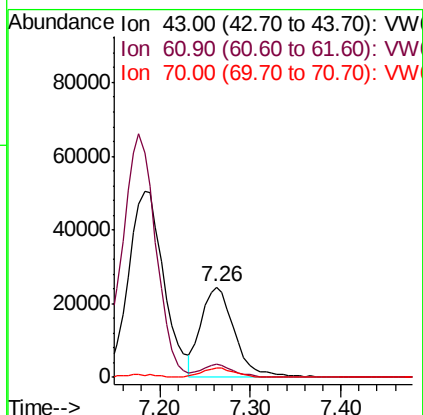
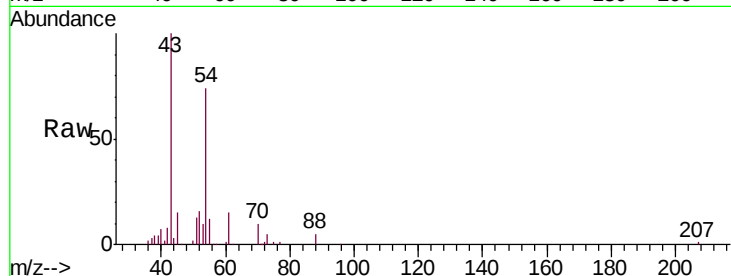




#37
 Ethyl Acetate
 Concen: 51.359 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

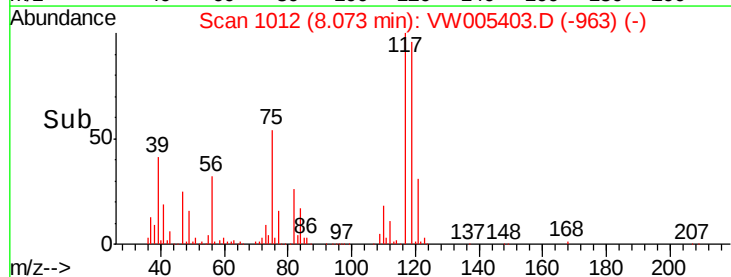
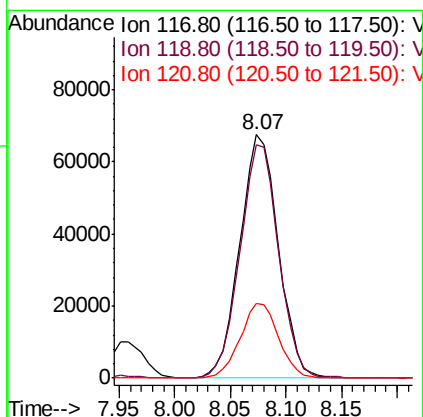
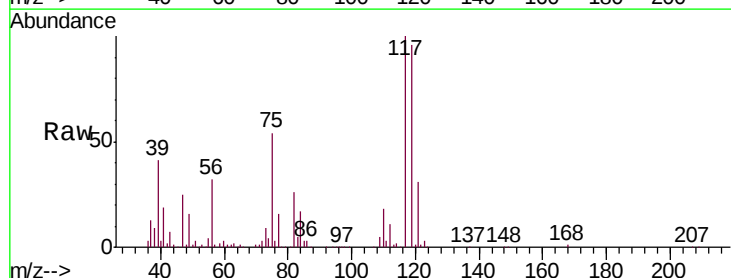
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

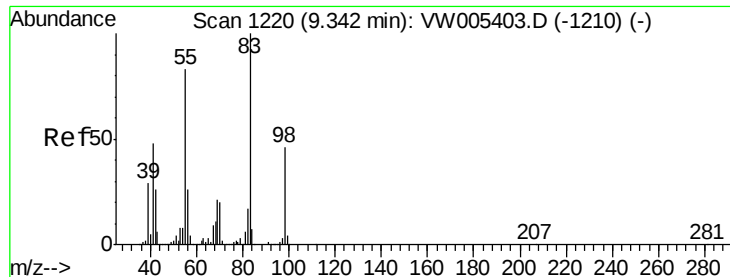
Tgt Ion: 43 Resp: 62715
 Ion Ratio Lower Upper
 43 100
 61 14.1 11.3 16.9
 70 10.3 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 53.565 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 117 Resp: 161341
 Ion Ratio Lower Upper
 117 100
 119 96.0 76.8 115.2
 121 30.9 24.7 37.1

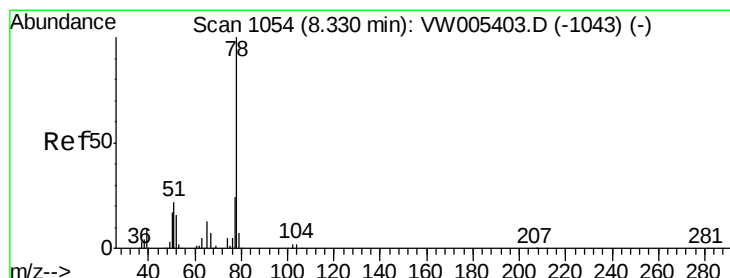
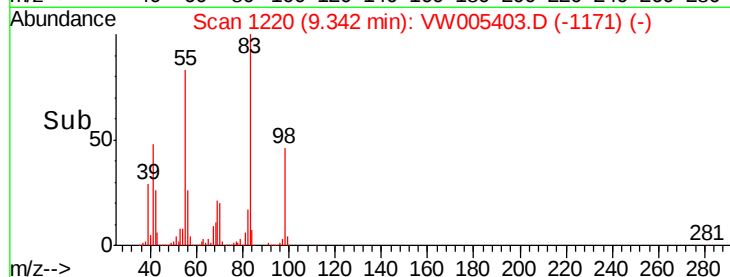
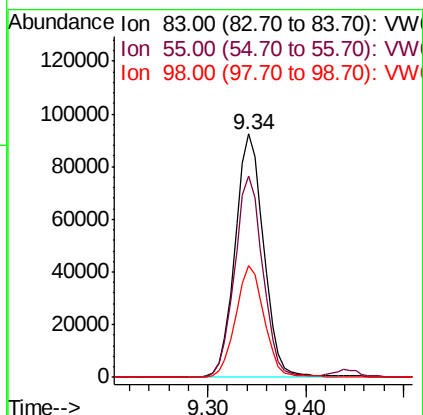
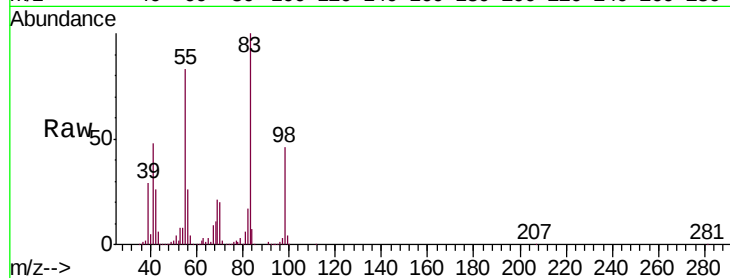




#39
Methylcyclohexane
Concen: 45.714 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

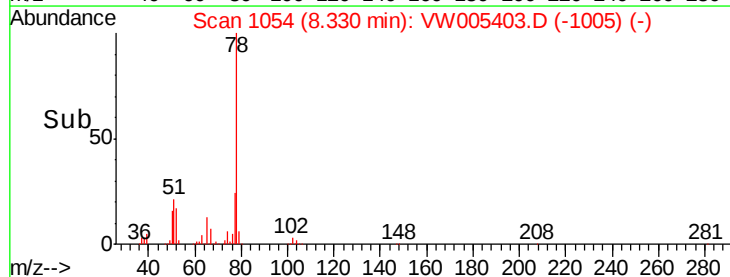
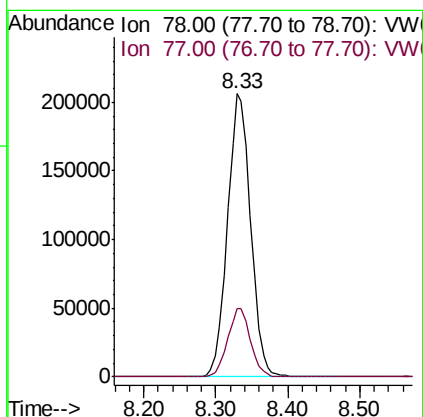
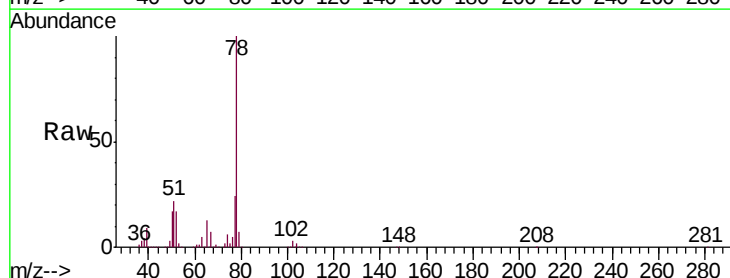
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

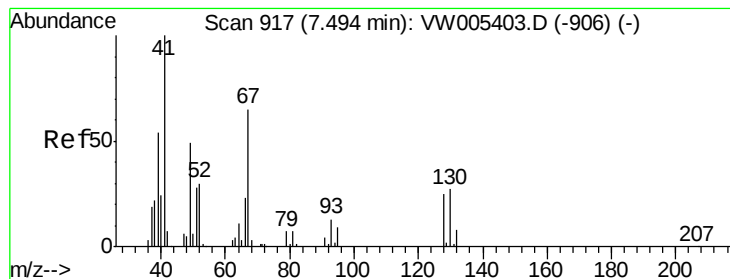
Tgt Ion: 83 Resp: 187708
Ion Ratio Lower Upper
83 100
55 82.6 66.1 99.1
98 45.9 36.7 55.1



#40
Benzene
Concen: 49.700 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 78 Resp: 460125
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 60.376 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 38462

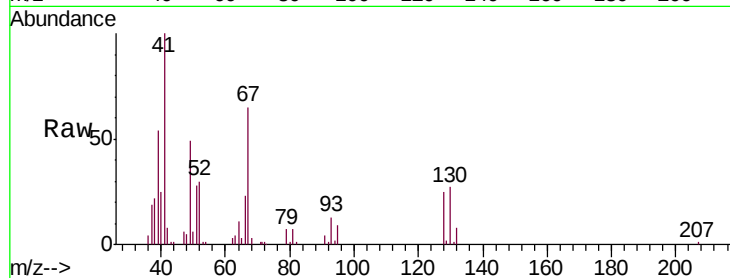
Ion Ratio Lower Upper

41 100

39 55.8 44.6 67.0

67 67.0 53.6 80.4

52 31.1 24.9 37.3

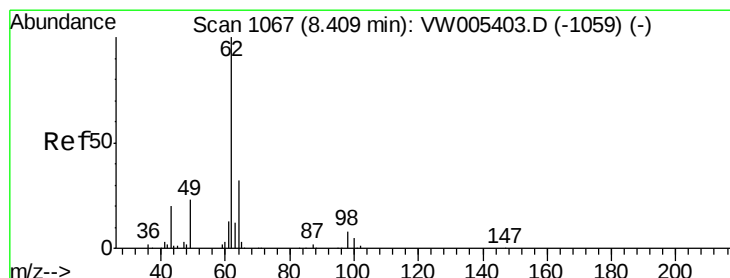
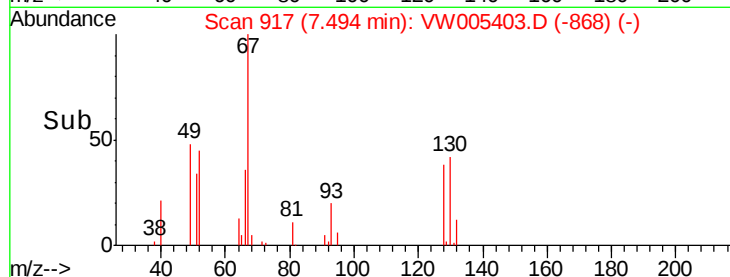
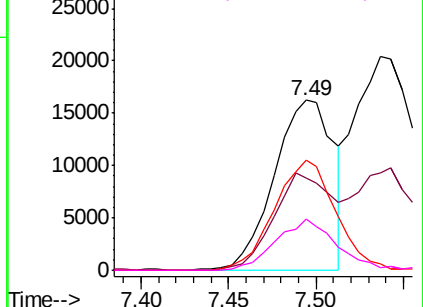


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 59.493 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VW005403.D

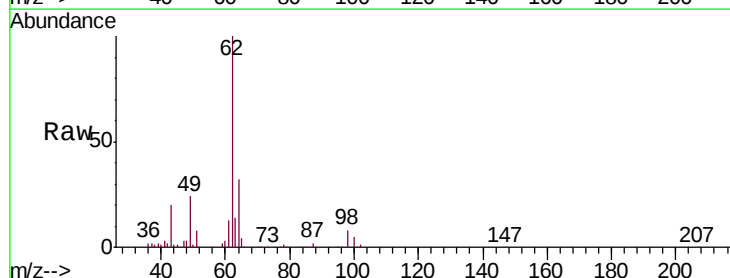
Acq: 15 Sep 2018 00:06

Tgt Ion: 62 Resp: 138976

Ion Ratio Lower Upper

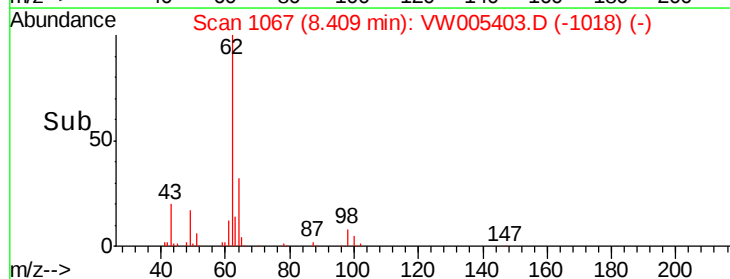
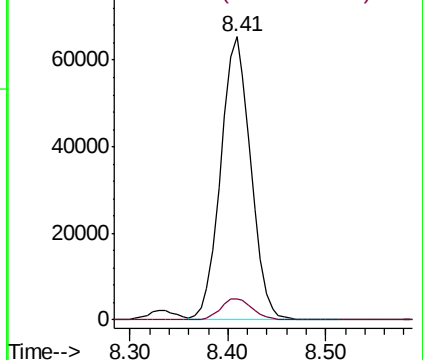
62 100

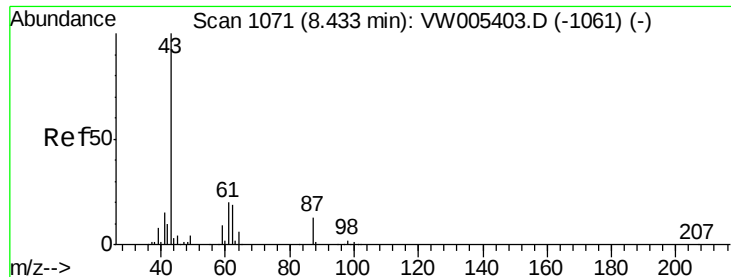
98 7.8 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

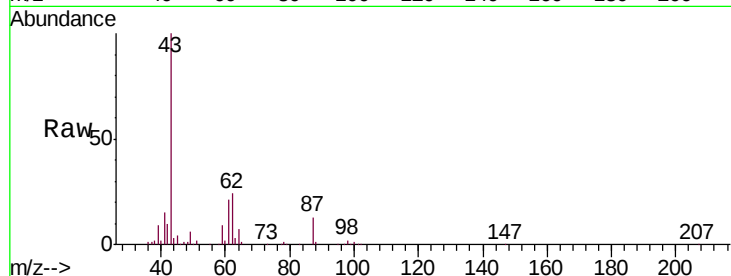




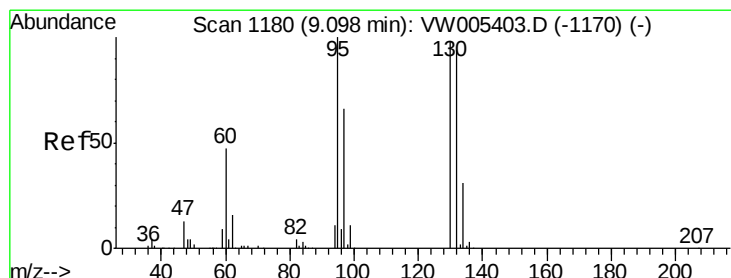
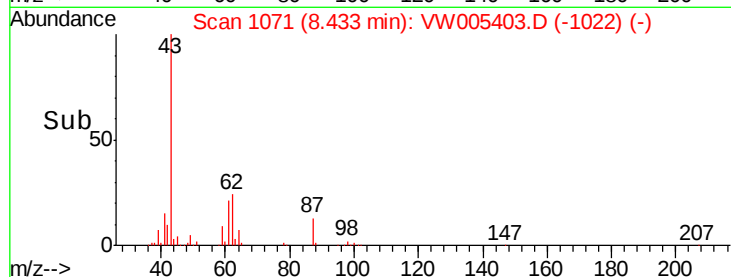
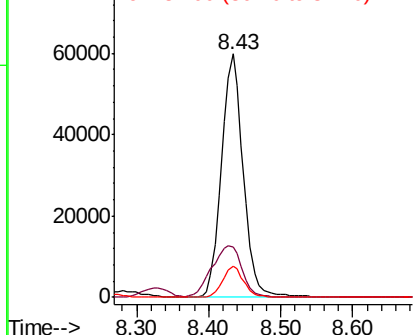
#43
Isopropyl Acetate
Concen: 55.110 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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

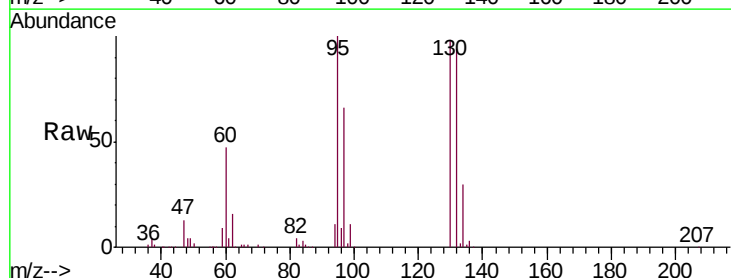


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

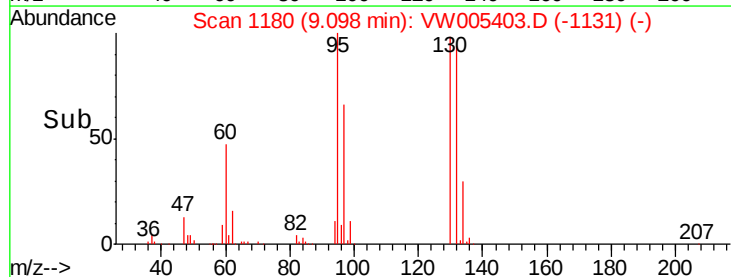
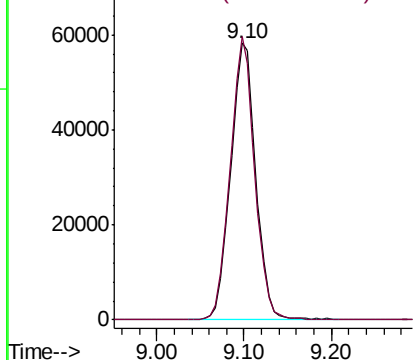


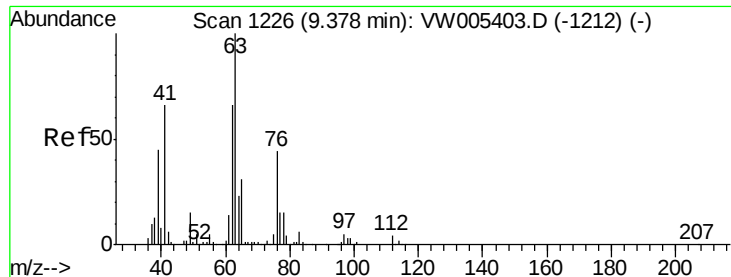
#44
Trichloroethene
Concen: 46.291 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	204.6



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

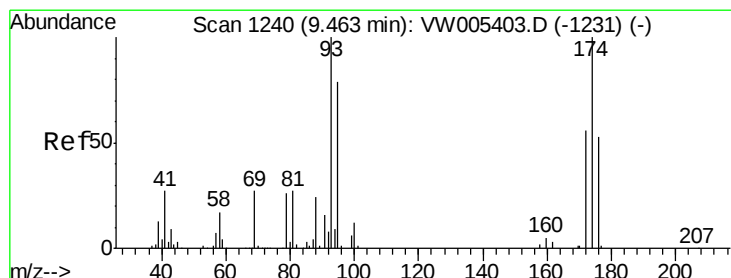
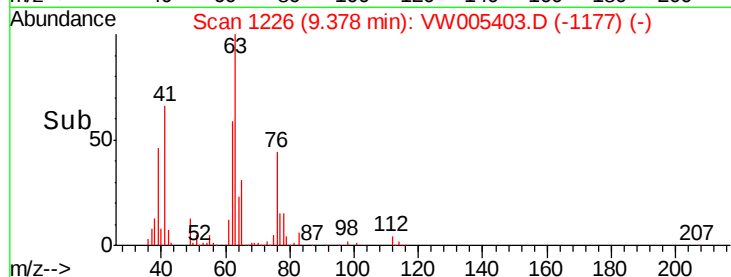
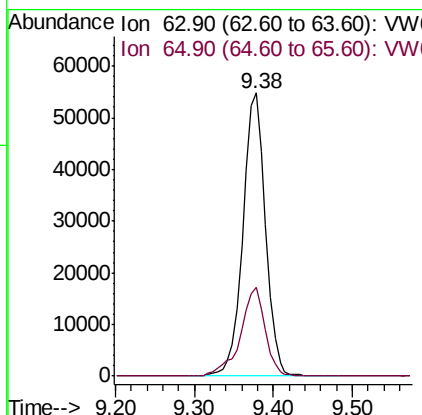
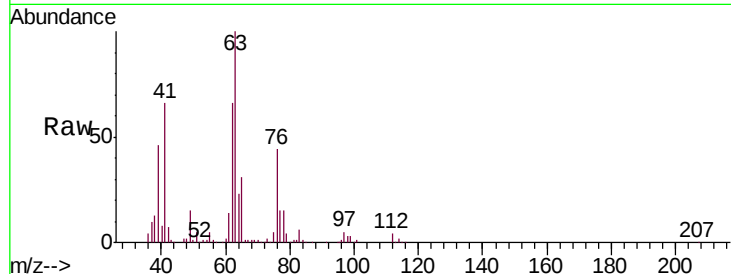




#45
 1,2-Dichloropropane
 Concen: 49.009 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

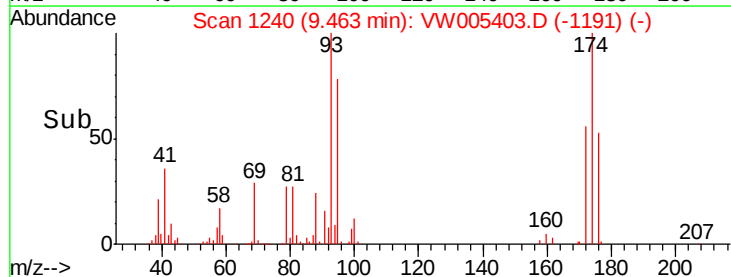
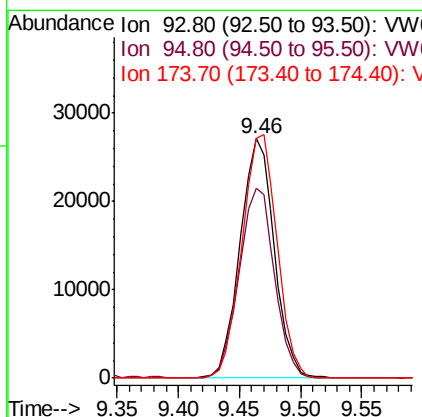
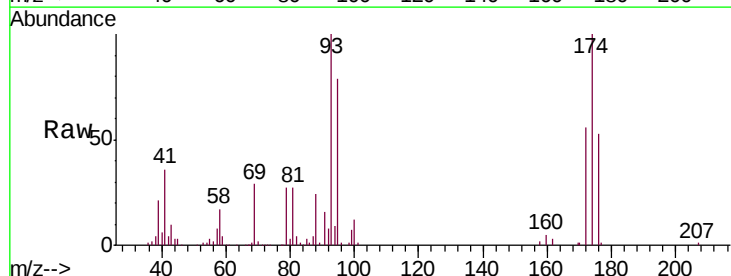
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

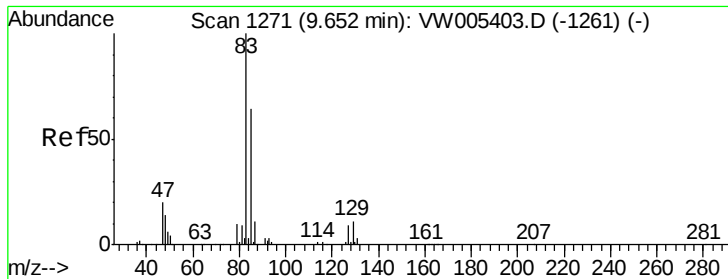
Tgt Ion: 63 Resp: 109011
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 48.096 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 93 Resp: 52772
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.4 98.0
 174 104.3 83.4 125.2





#47

Bromodichloromethane

Concen: 53.590 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

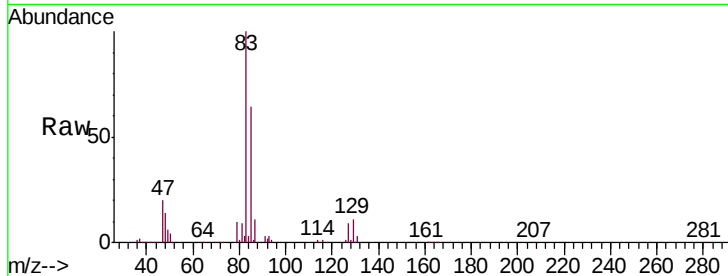
Tgt Ion: 83 Resp: 145942

Ion Ratio Lower Upper

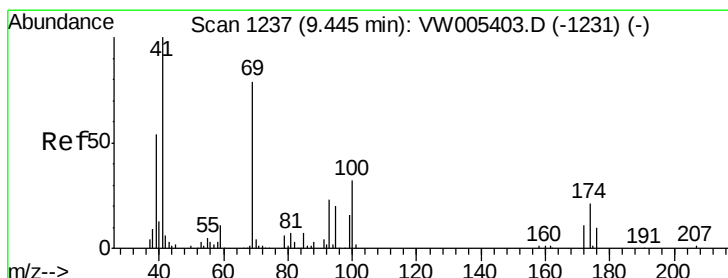
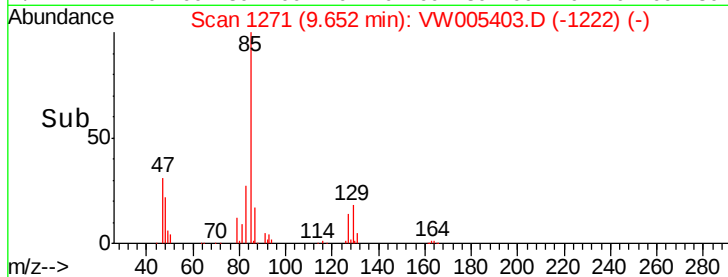
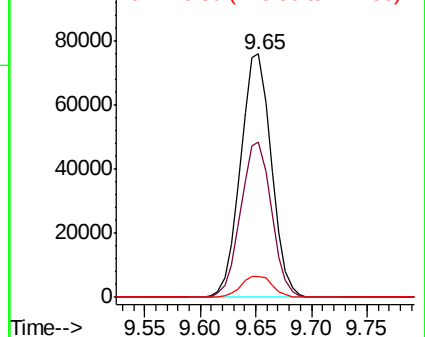
83 100

85 63.6 50.9 76.3

127 8.7 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): V



#48

Methyl methacrylate

Concen: 55.838 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

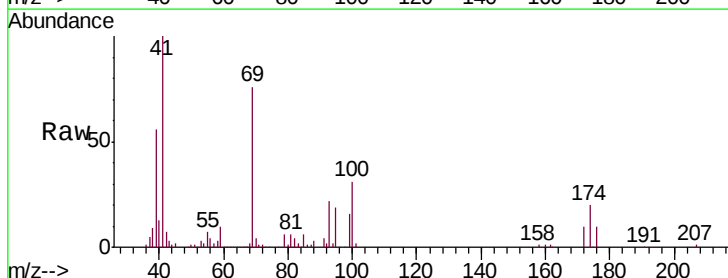
Tgt Ion: 41 Resp: 65597

Ion Ratio Lower Upper

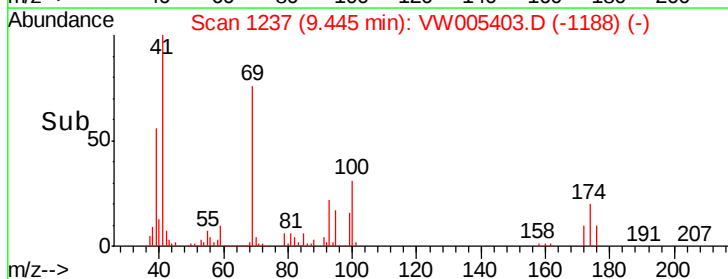
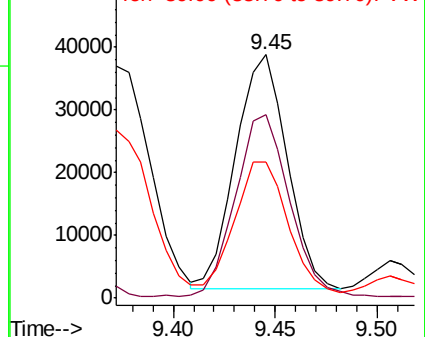
41 100

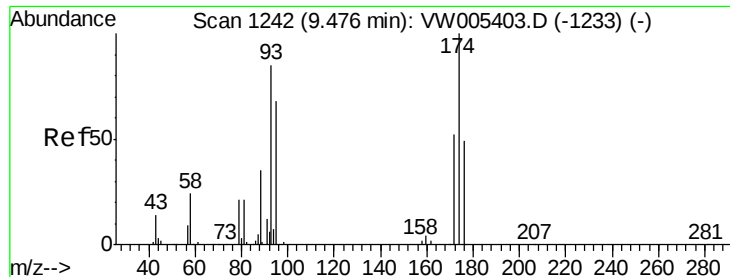
69 84.4 67.5 101.3

39 56.9 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: 939.640 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

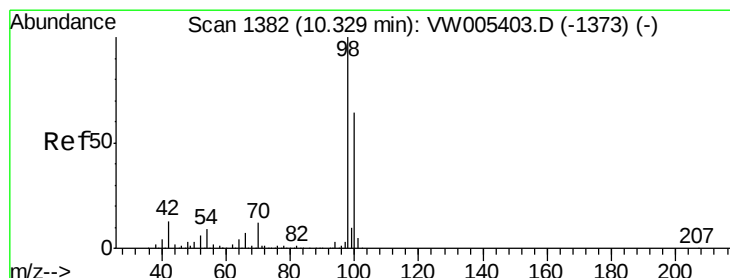
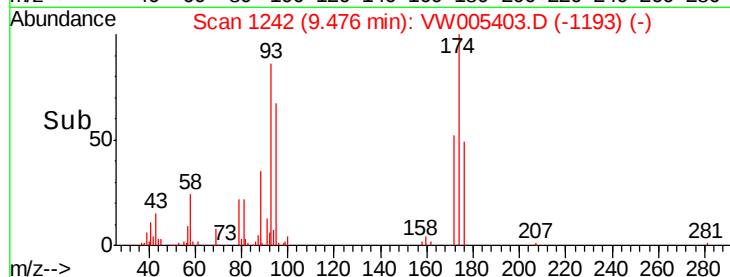
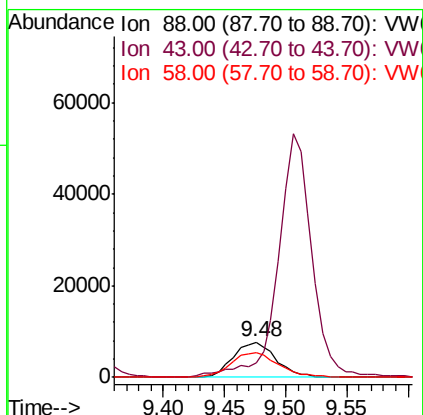
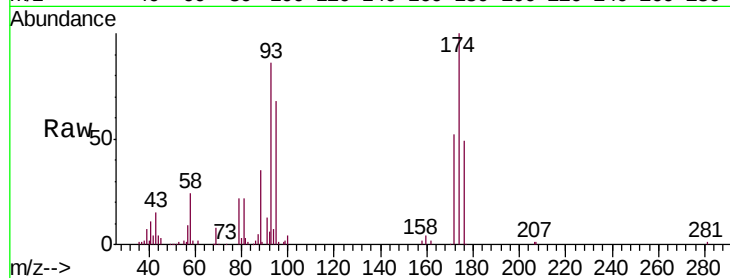
Tgt Ion: 88 Resp: 18718

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.0 62.4 93.6



#50

Toluene-d8

Concen: 49.293 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005403.D

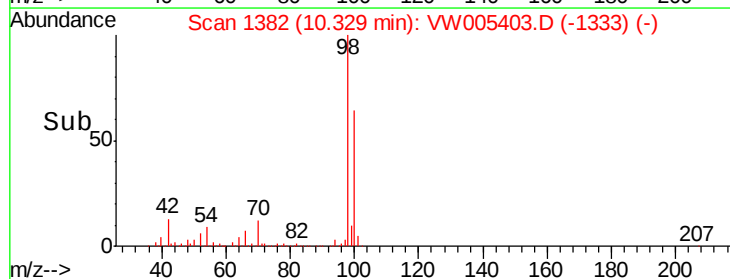
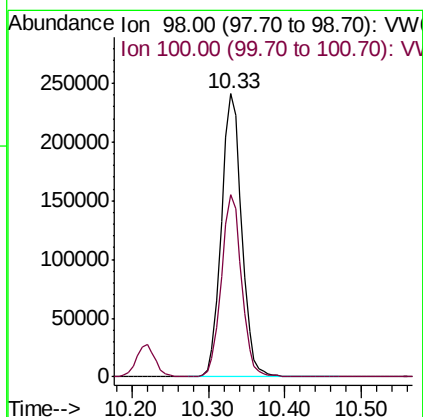
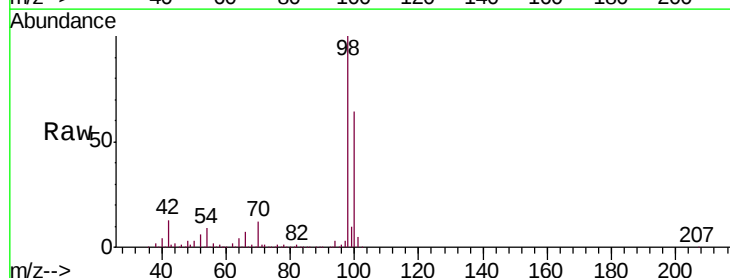
Acq: 15 Sep 2018 00:06

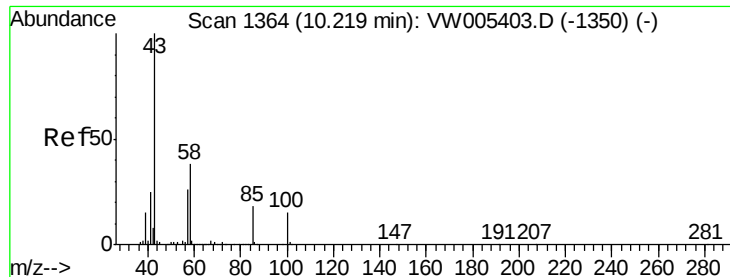
Tgt Ion: 98 Resp: 442183

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

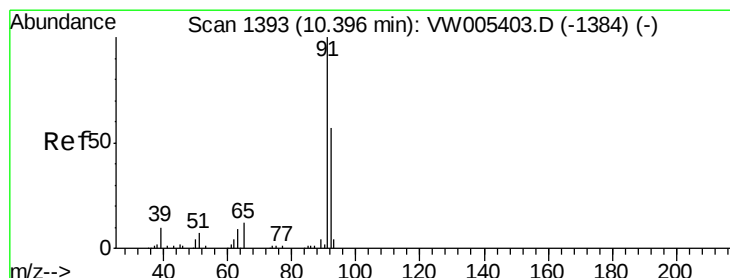
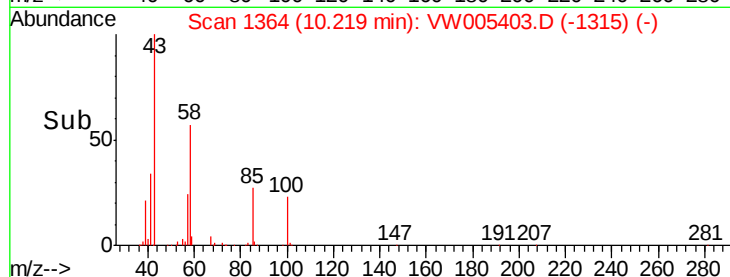
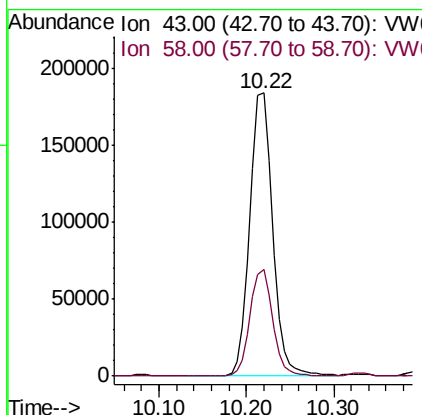
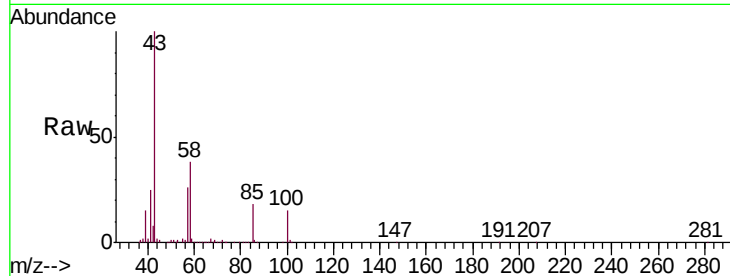




#51
 4-Methyl-2-Pentanone
 Concen: 264.960 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

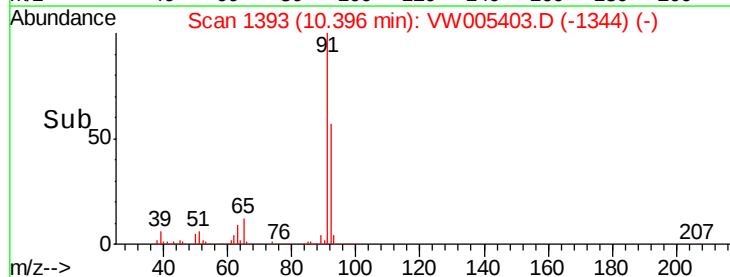
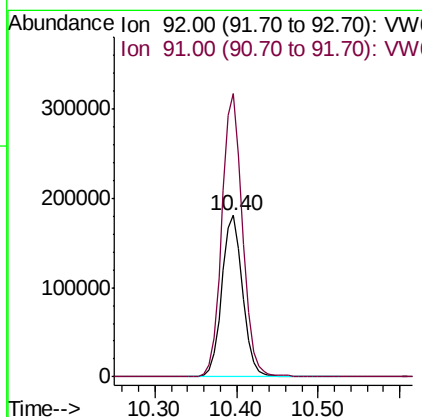
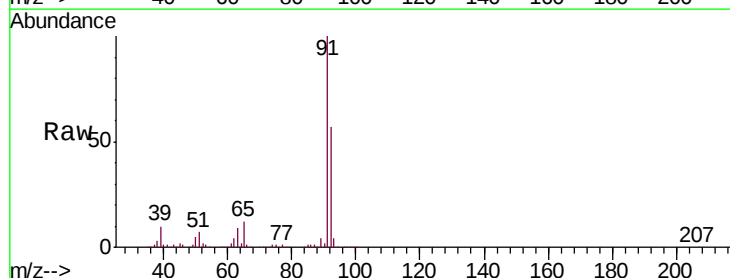
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

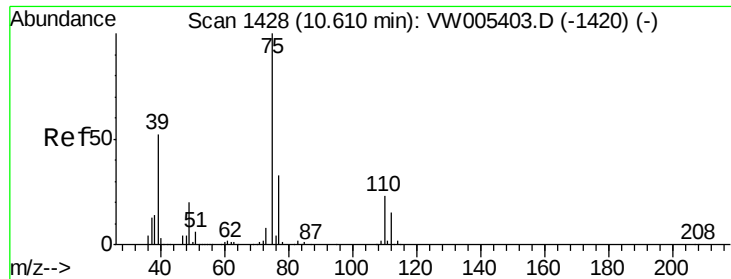
Tgt Ion: 43 Resp: 335455
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 47.729 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 92 Resp: 319393
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 50.942 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

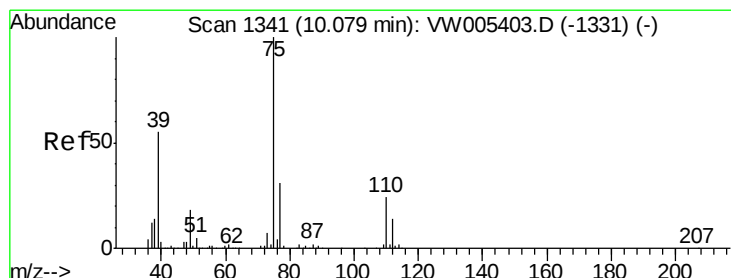
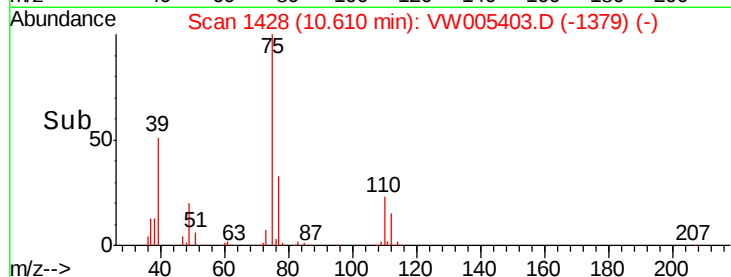
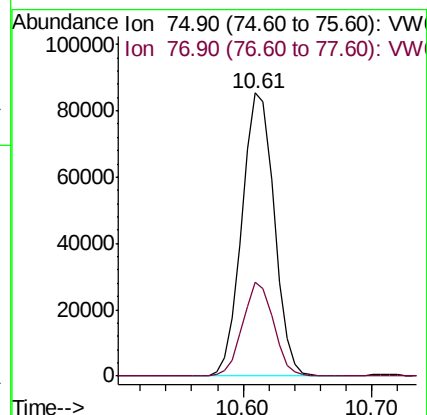
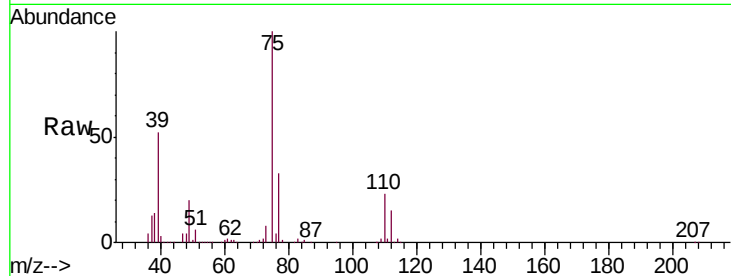
VSTDICCC050

Tgt Ion: 75 Resp: 147973

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 48.375 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

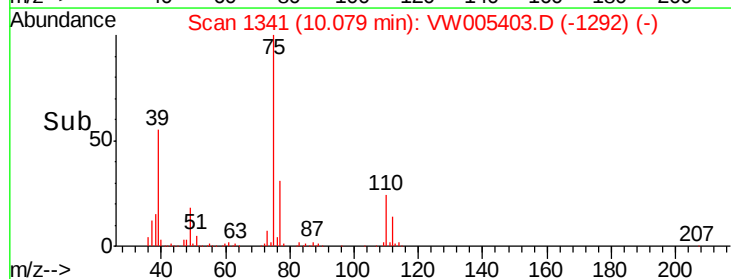
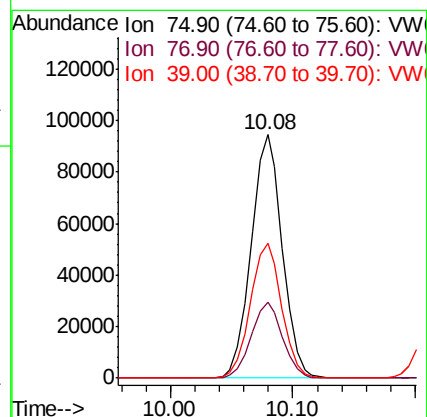
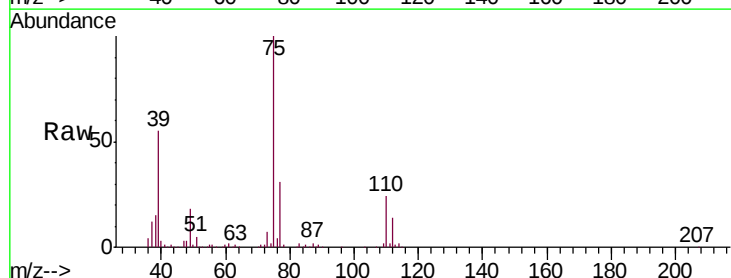
Tgt Ion: 75 Resp: 166591

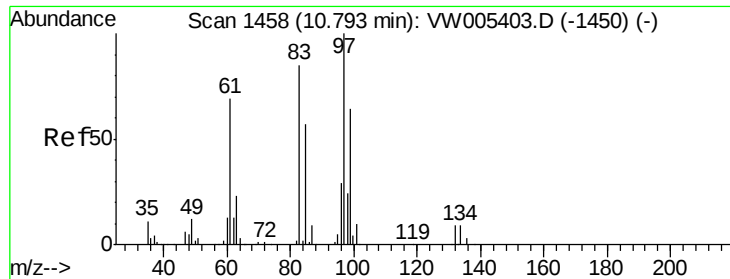
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 55.2 44.2 66.2

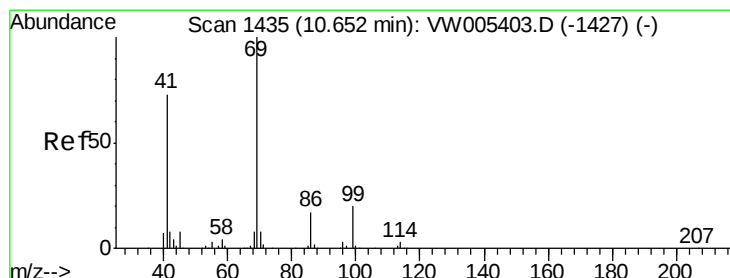
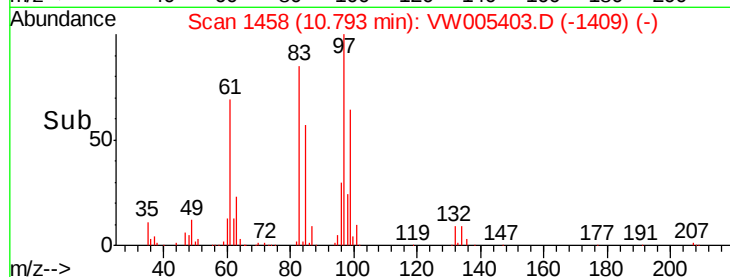
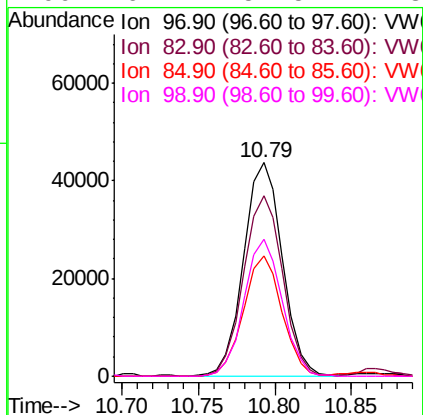
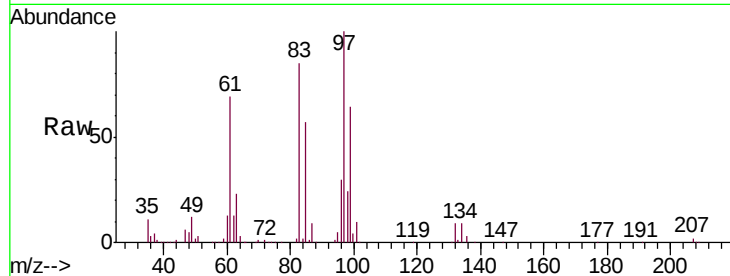




#55
 1,1,2-Trichloroethane
 Concen: 44.736 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

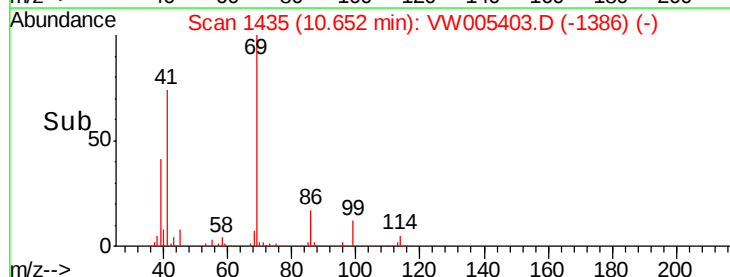
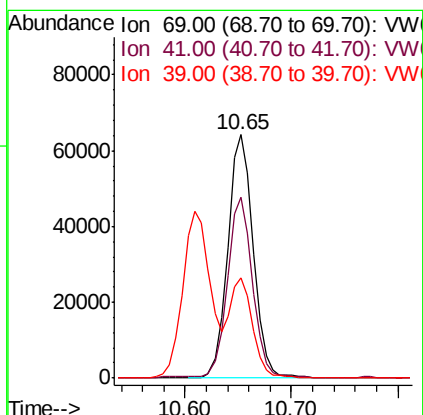
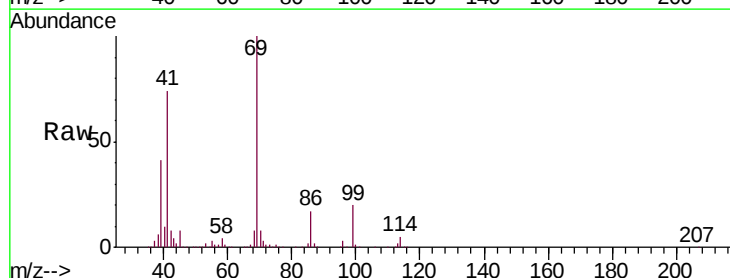
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

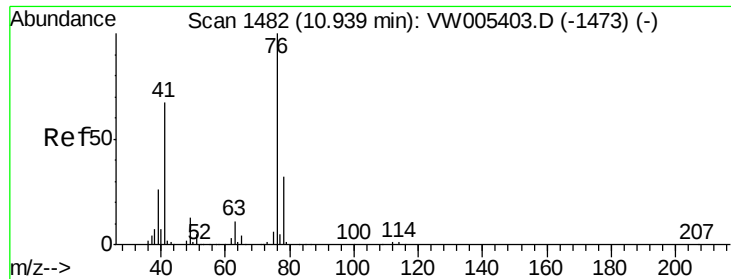
Tgt Ion:	97	Resp:	76938
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	56.7	45.4	68.0
99	64.4	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 49.079 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion:	69	Resp:	107376
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.3	88.9
39	37.8	30.2	45.4

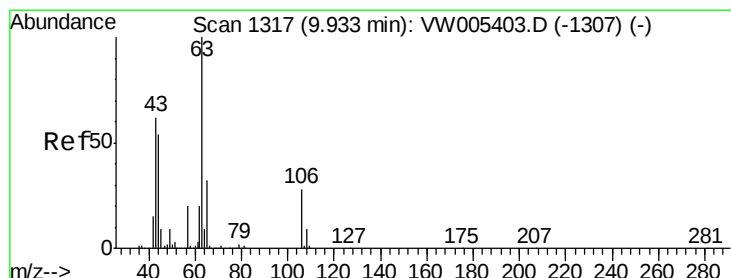
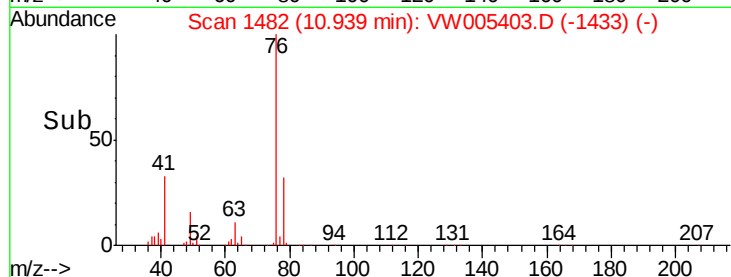
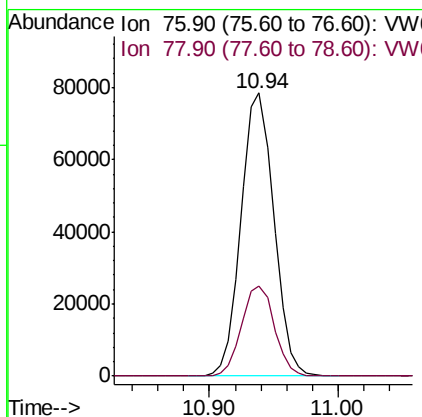
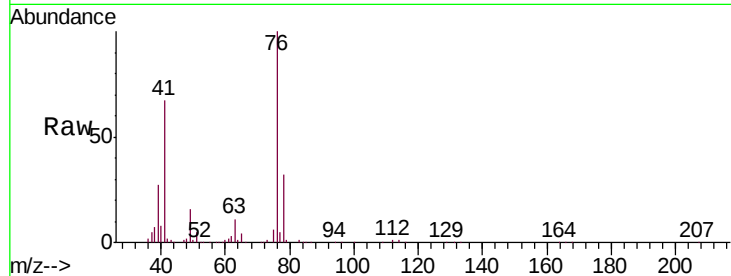




#57
 1,3-Dichloropropane
 Concen: 47.981 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

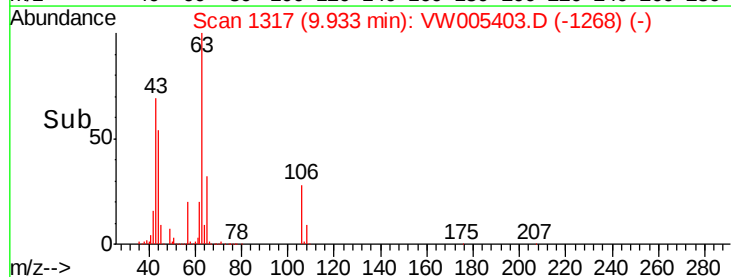
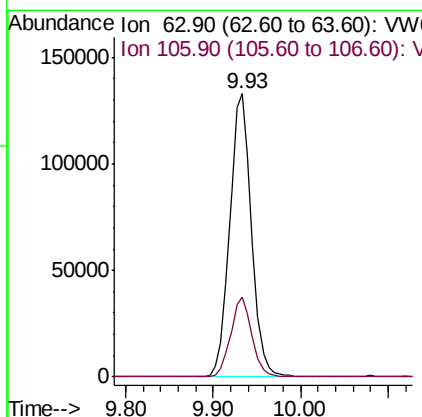
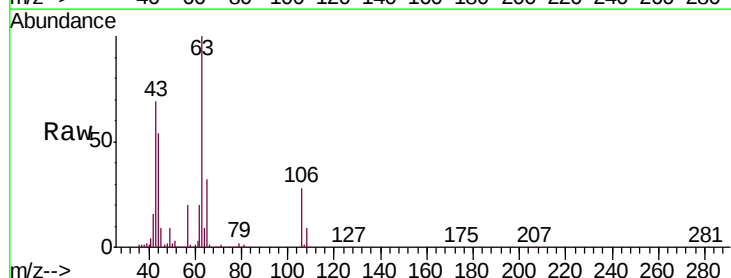
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

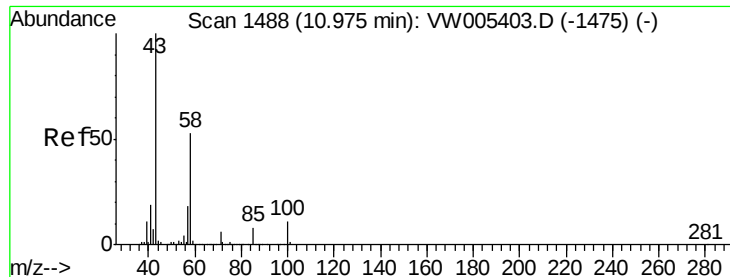
Tgt Ion: 76 Resp: 138504
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.082 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 63 Resp: 229351
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0

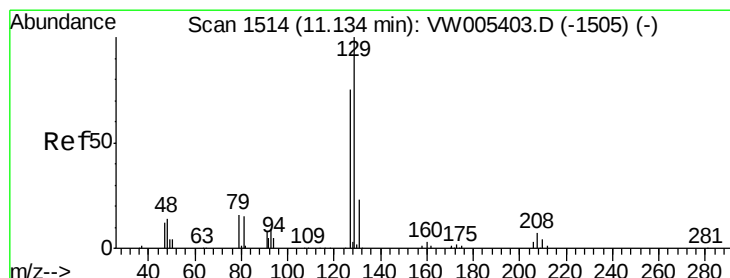
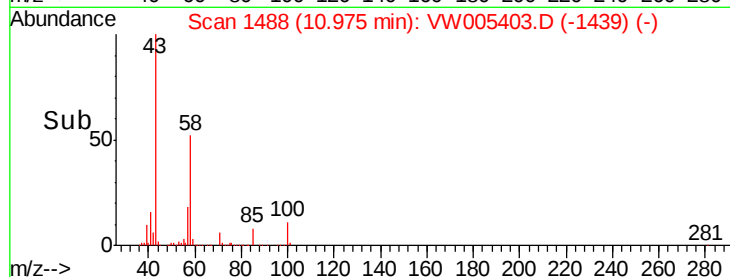
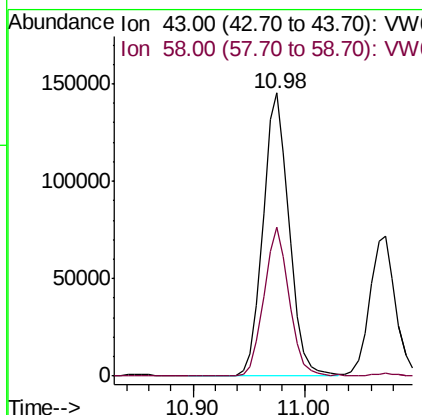
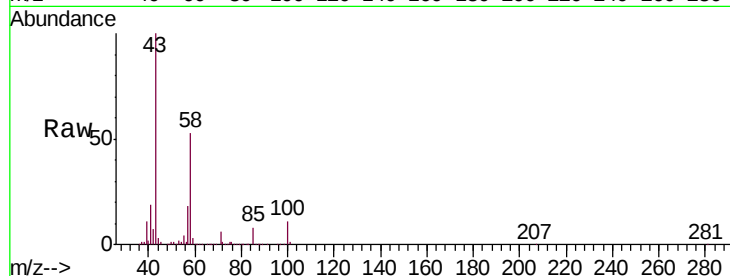




#59
2-Hexanone
Concen: 261.337 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

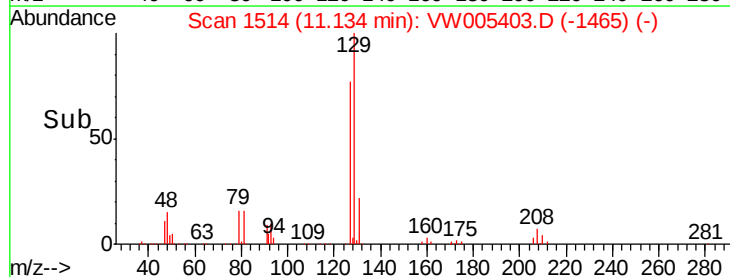
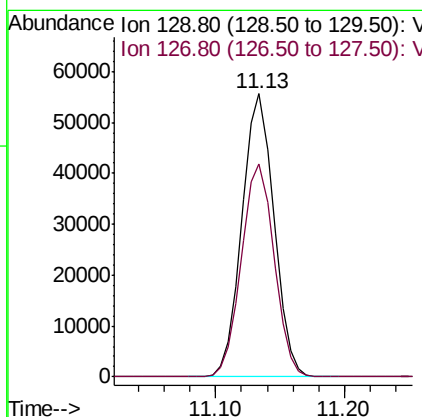
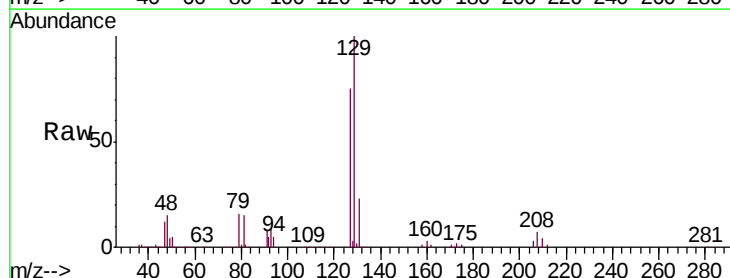
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

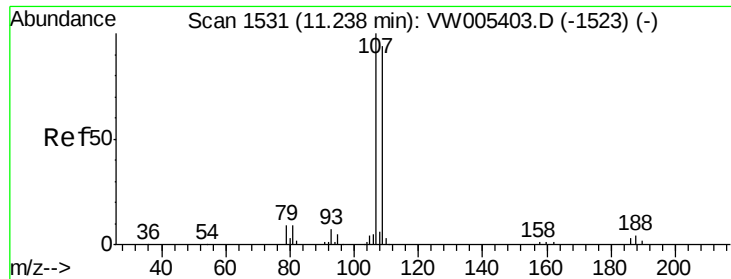
Tgt Ion: 43 Resp: 237562
Ion Ratio Lower Upper
43 100
58 51.0 25.5 76.5



#60
Dibromochloromethane
Concen: 49.434 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 129 Resp: 95680
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

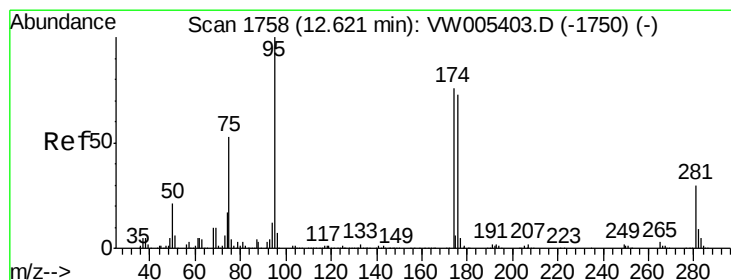
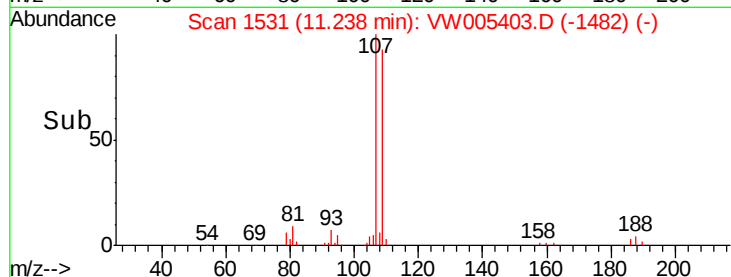
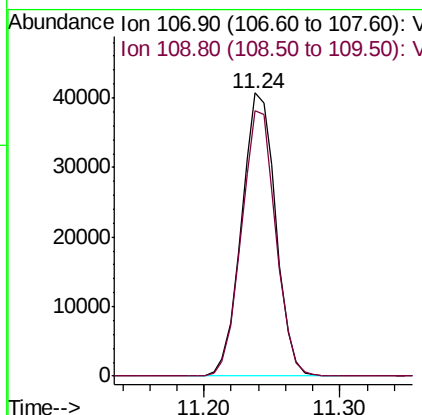
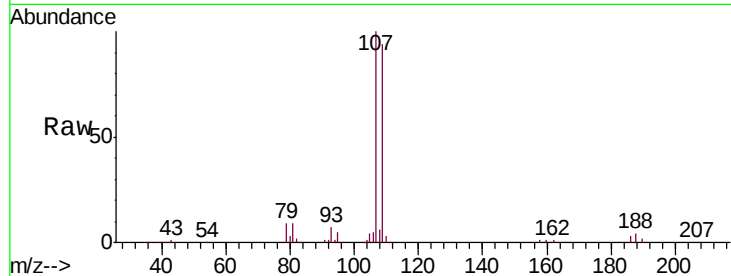




#61
 1,2-Dibromoethane
 Concen: 45.379 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

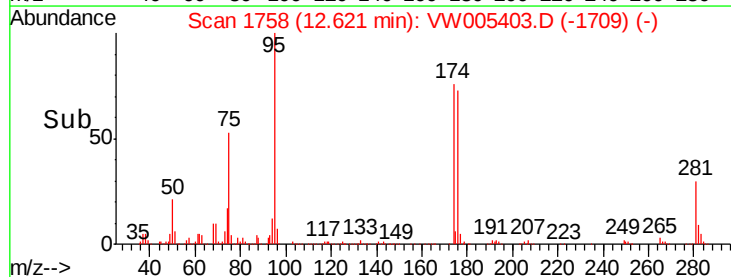
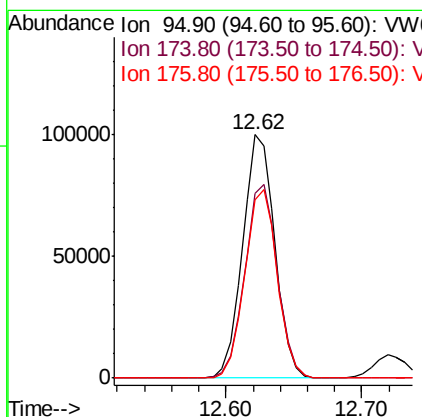
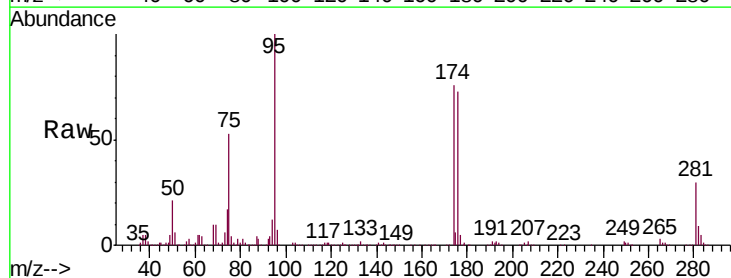
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

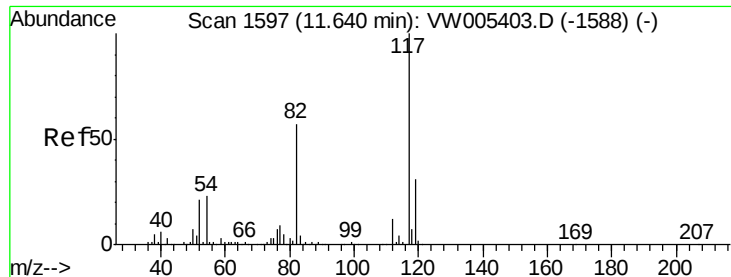
Tgt Ion: 107 Resp: 71502
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.918 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 95 Resp: 164965
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 161.2
 176 78.3 0.0 156.6

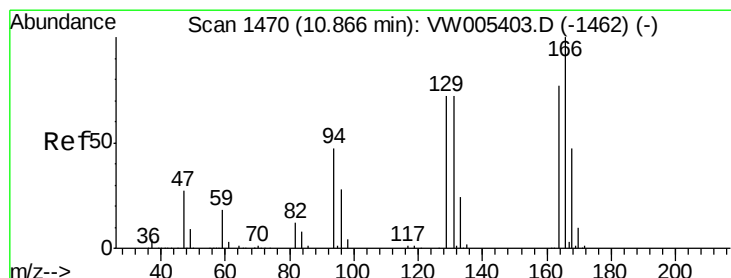
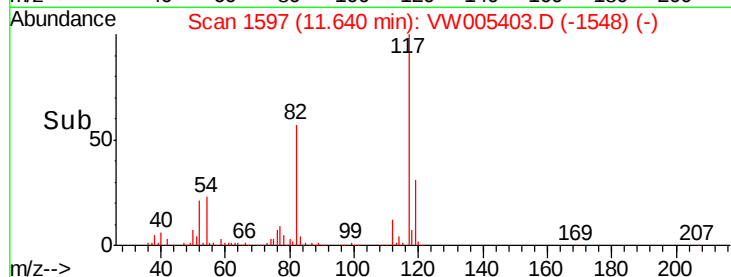
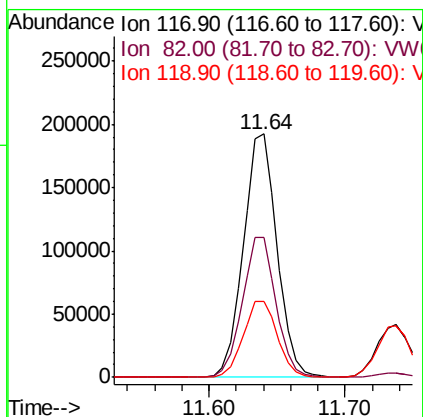
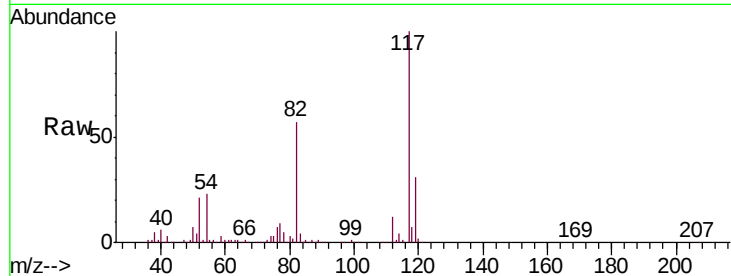




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

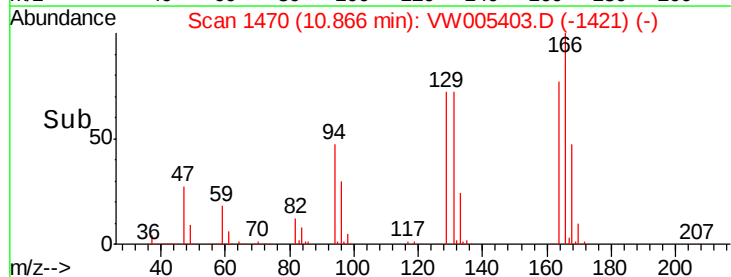
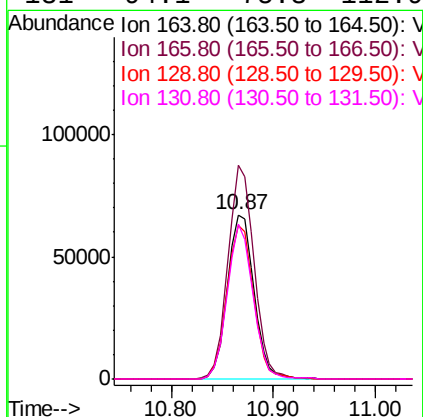
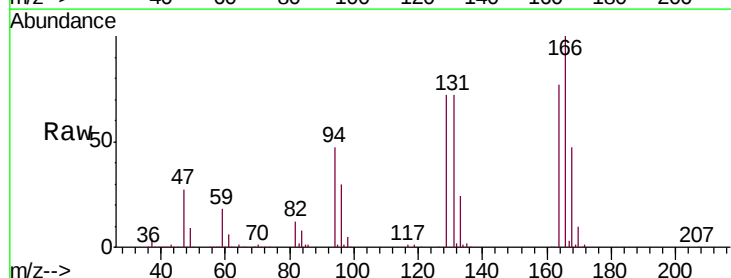
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

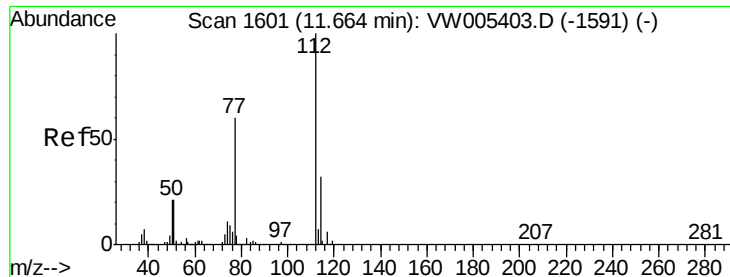
Tgt Ion:117 Resp: 332611
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.0 24.8 37.2



#64
Tetrachloroethene
Concen: 49.216 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion:164 Resp: 121143
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 93.6 74.9 112.3
131 94.1 75.3 112.9

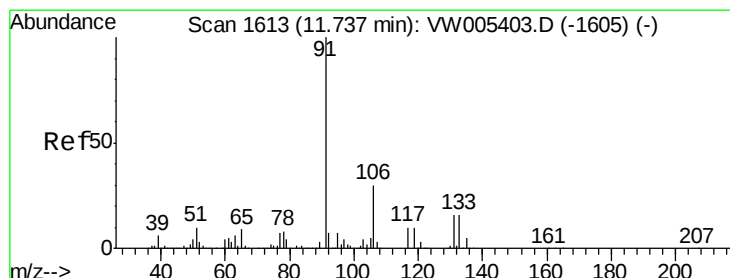
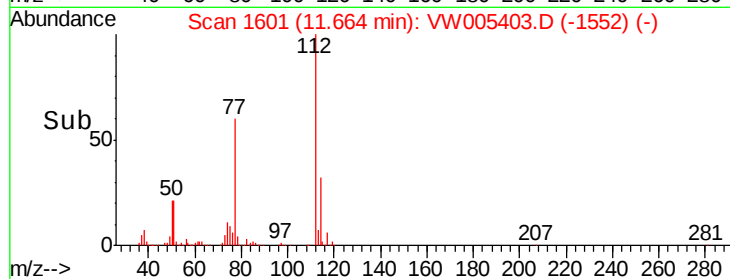
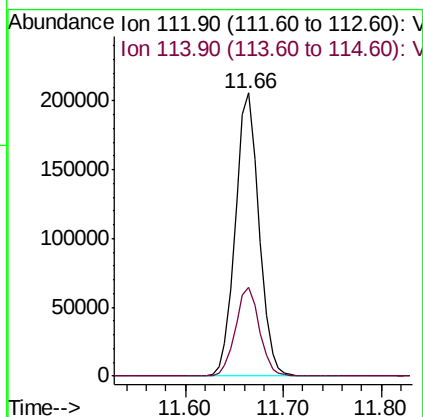
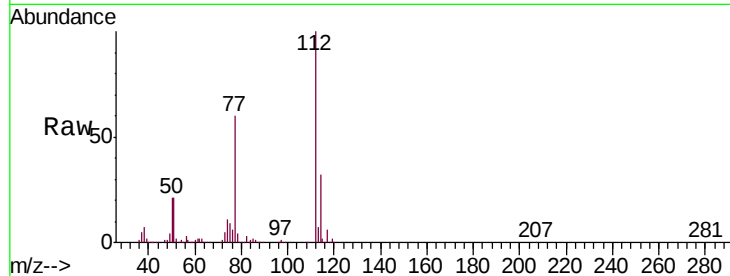




#65
Chlorobenzene
Concen: 47.858 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

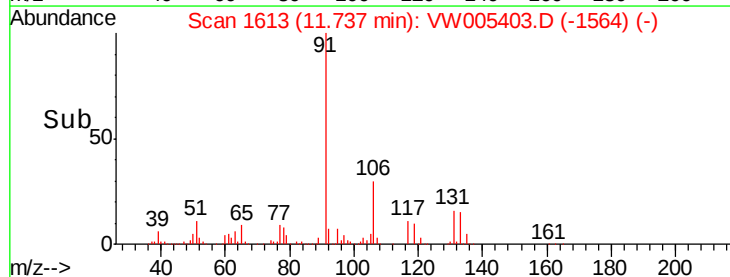
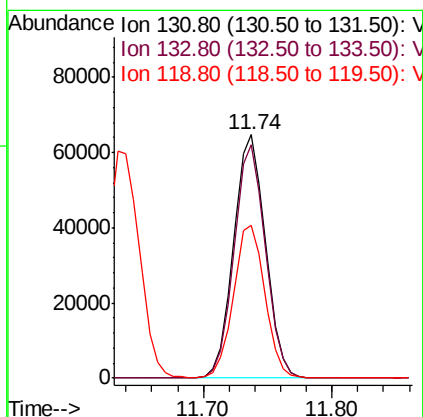
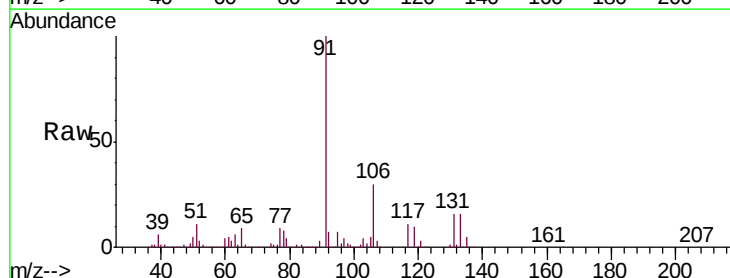
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

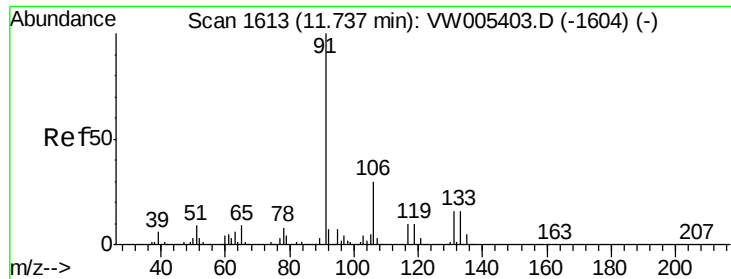
Tgt Ion:112 Resp: 346148
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.748 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion:131 Resp: 110930
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 62.3 31.1 93.5

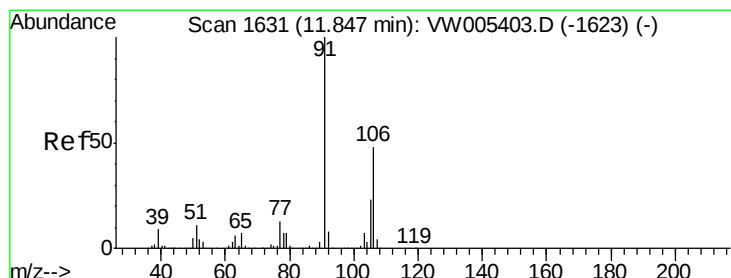
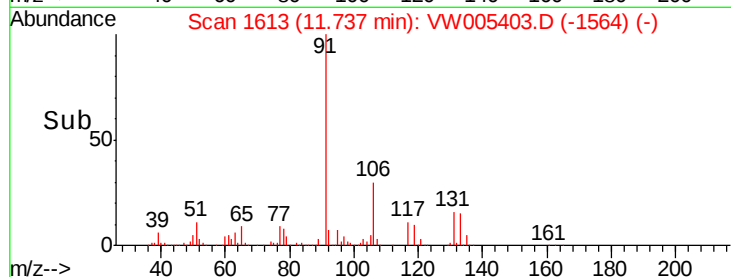
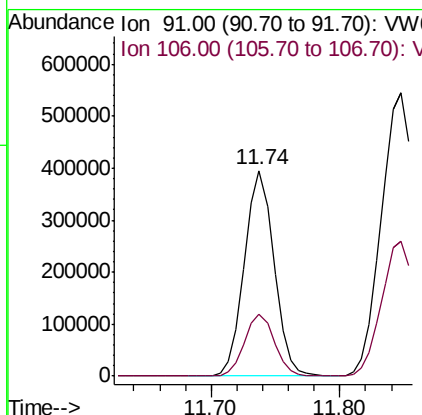
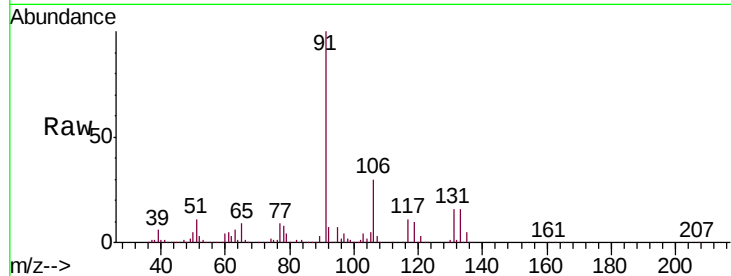




#67
Ethyl Benzene
Concen: 49.791 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

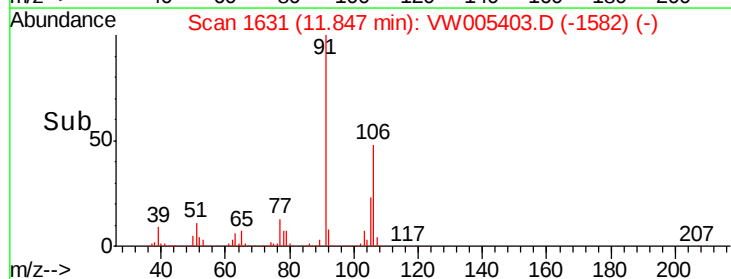
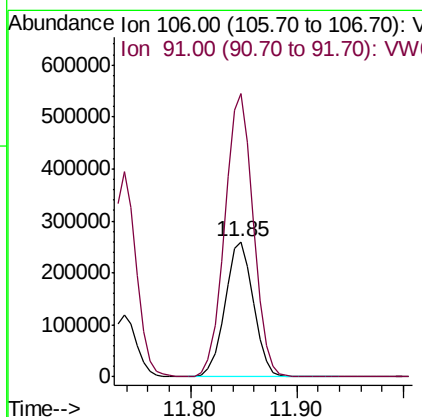
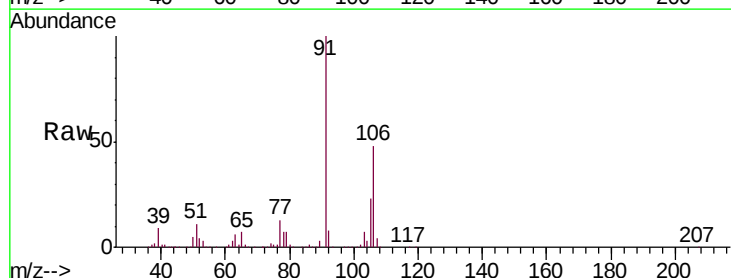
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

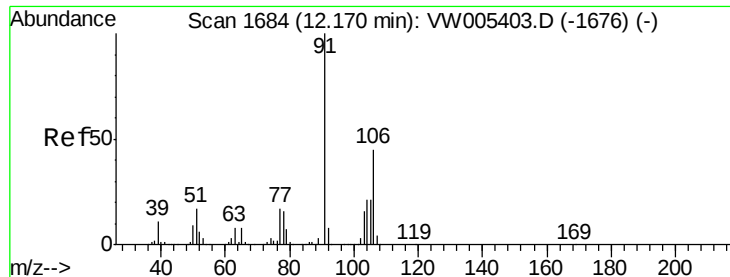
Tgt Ion: 91 Resp: 628917
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 95.907 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 106 Resp: 485380
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9

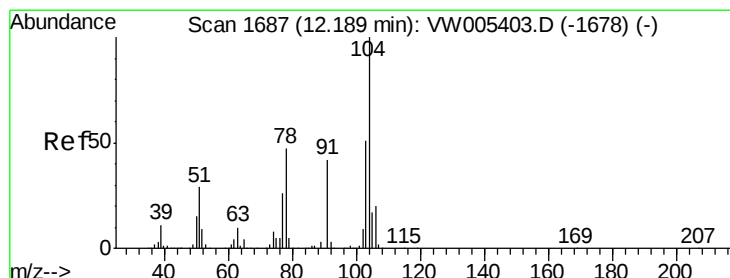
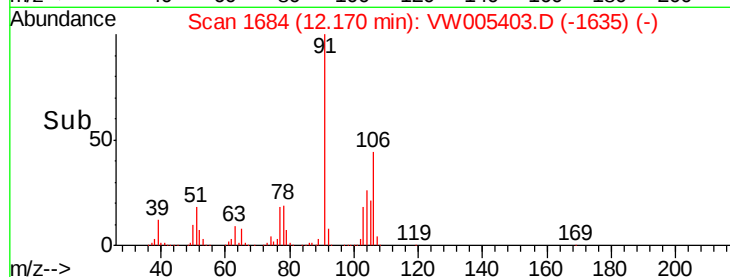
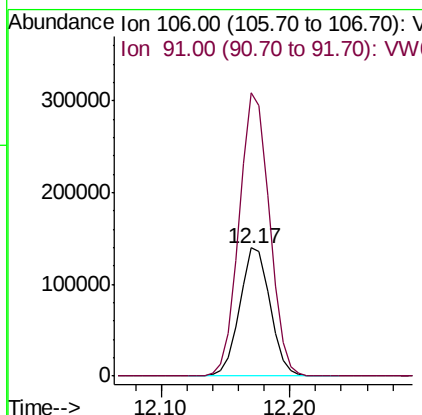
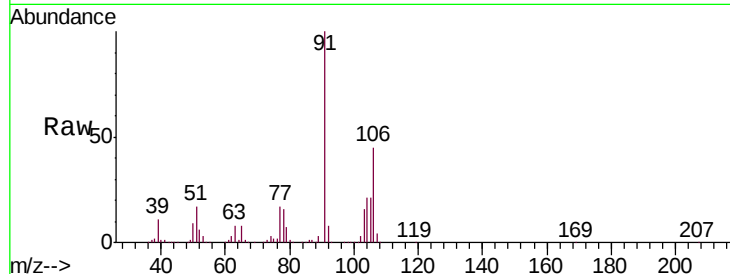




#69
o-Xylene
Concen: 48.385 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

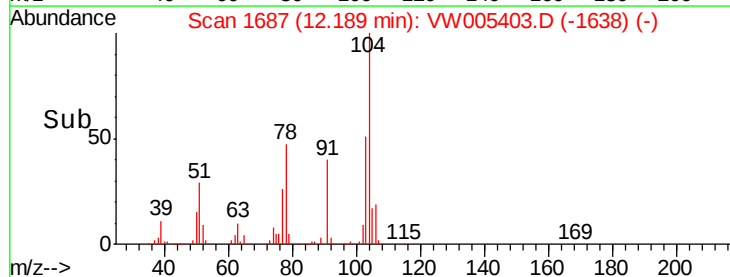
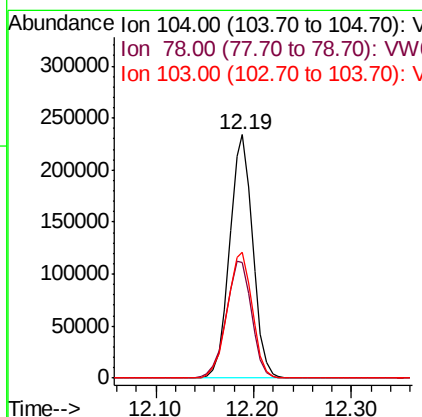
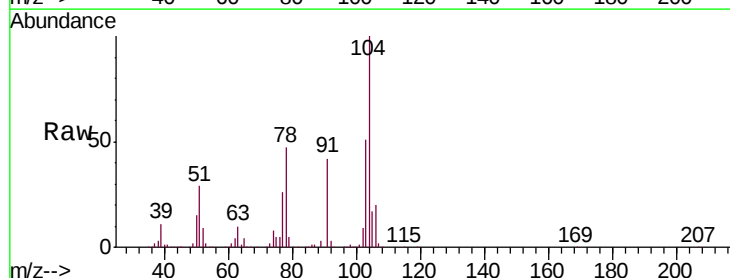
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

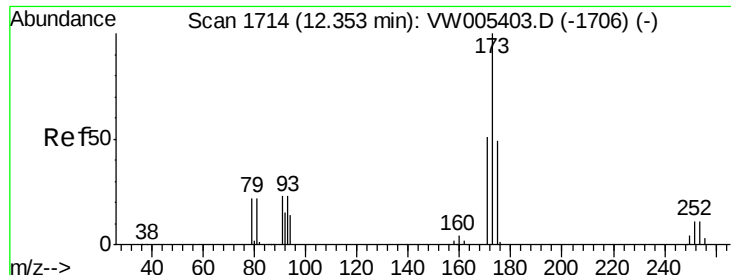
Tgt Ion:106 Resp: 227382
Ion Ratio Lower Upper
106 100
91 221.1 110.6 331.6



#70
Styrene
Concen: 49.659 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion:104 Resp: 382003
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 56.0 44.8 67.2

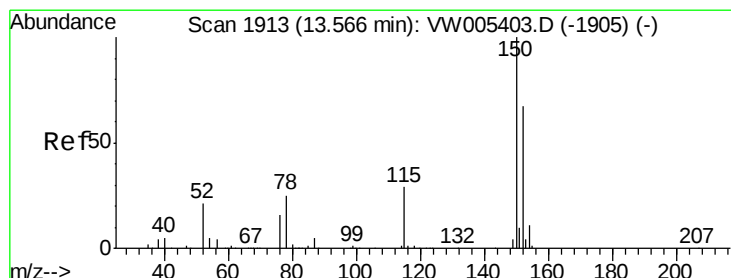
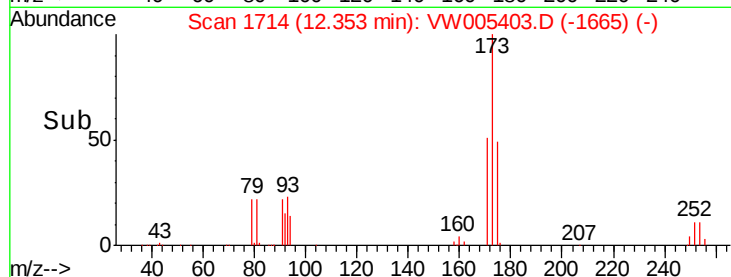
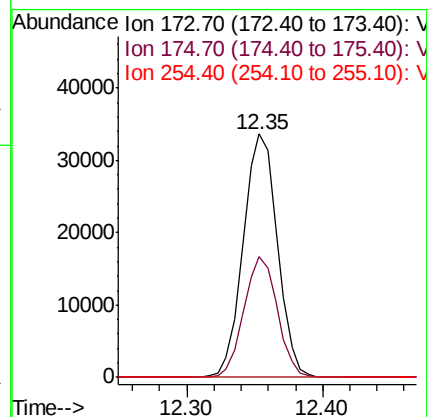
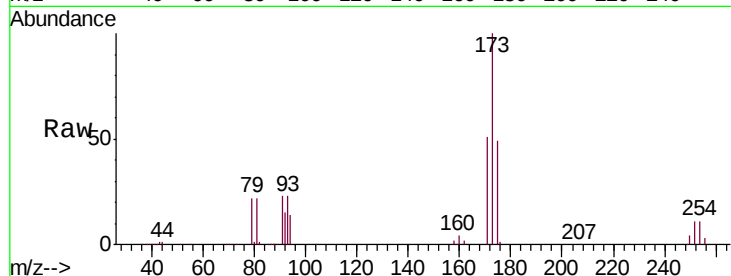




#71
Bromoform
Concen: 50.047 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

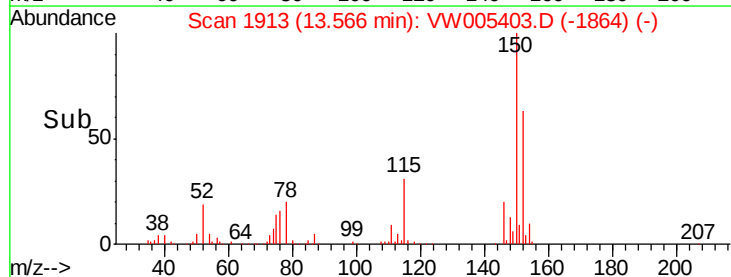
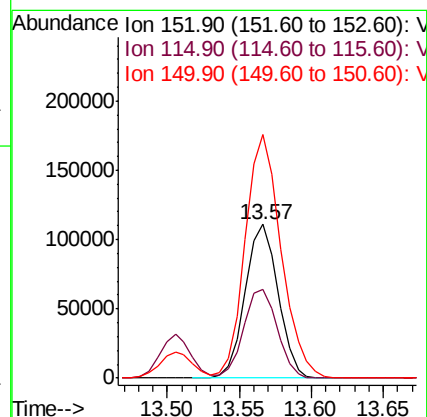
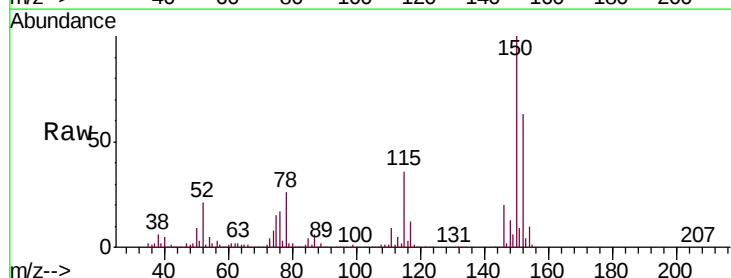
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

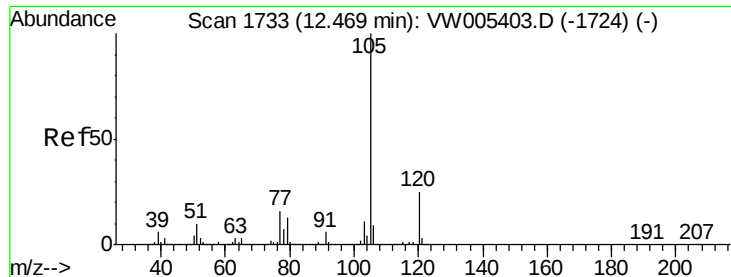
Tgt Ion:173 Resp: 59076
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion:152 Resp: 176011
Ion Ratio Lower Upper
152 100
115 59.0 29.5 88.5
150 172.8 0.0 345.6





#73

Isopropylbenzene

Concen: 50.474 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

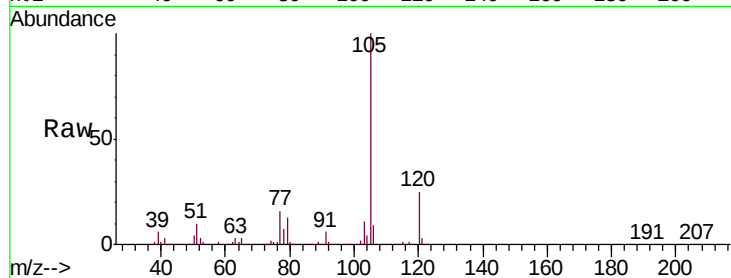
VSTDICCC050

Tgt Ion:105 Resp: 623876

Ion Ratio Lower Upper

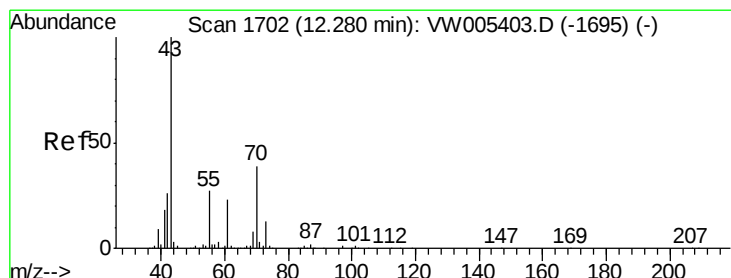
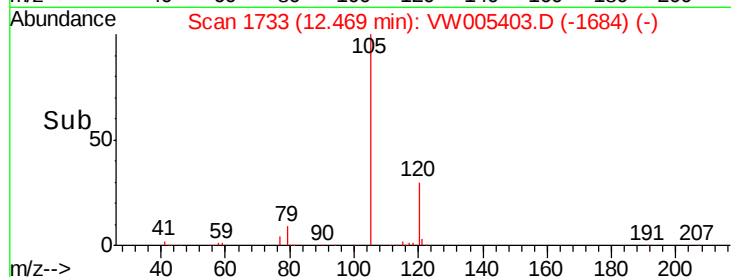
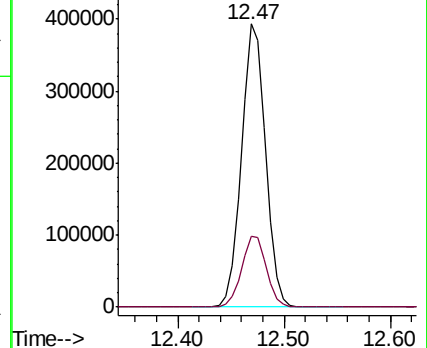
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.140 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Tgt Ion: 43 Resp: 132381

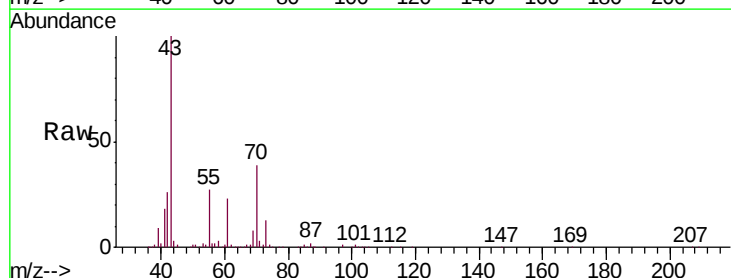
Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 26.7 21.4 32.0

61 22.9 18.3 27.5

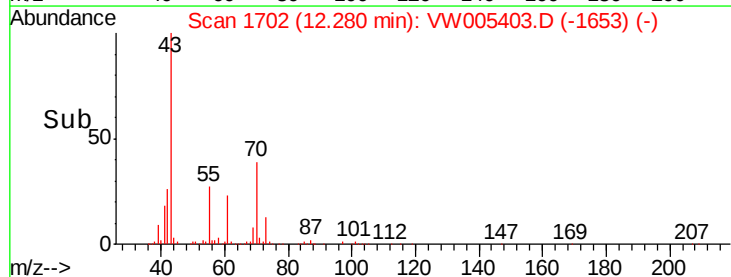
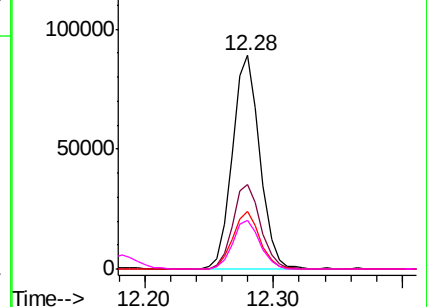


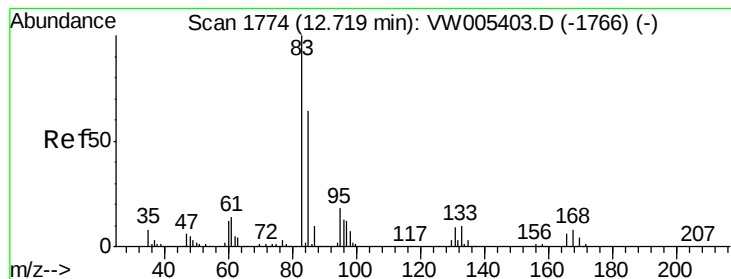
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.615 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

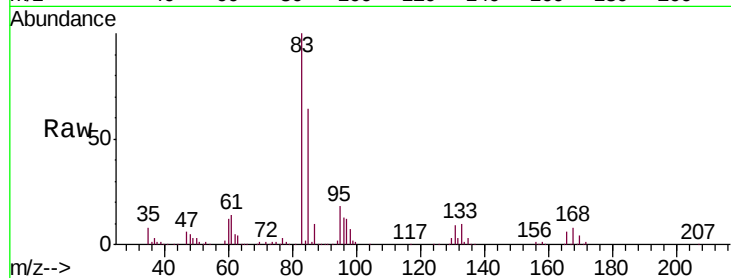
Tgt Ion: 83 Resp: 88048

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

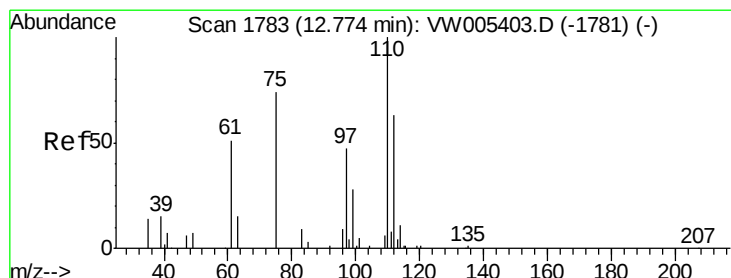
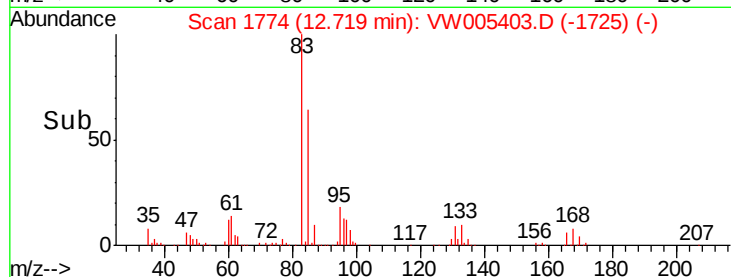
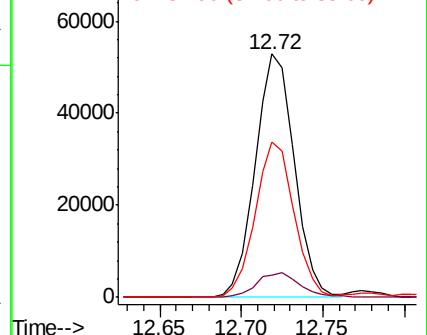
85 63.3 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.017 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005403.D

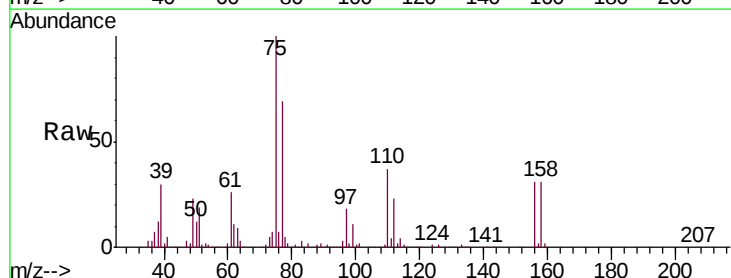
Acq: 15 Sep 2018 00:06

Tgt Ion: 75 Resp: 129719

Ion Ratio Lower Upper

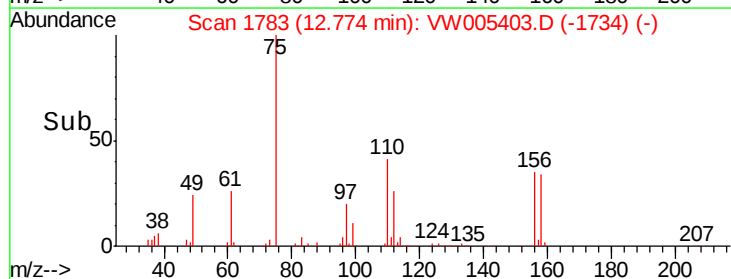
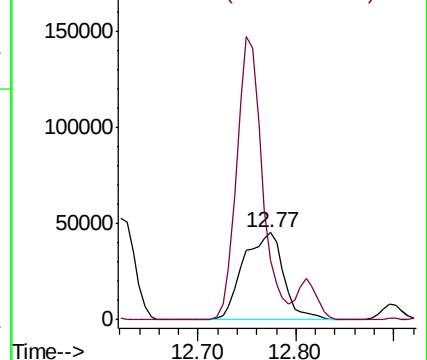
75 100

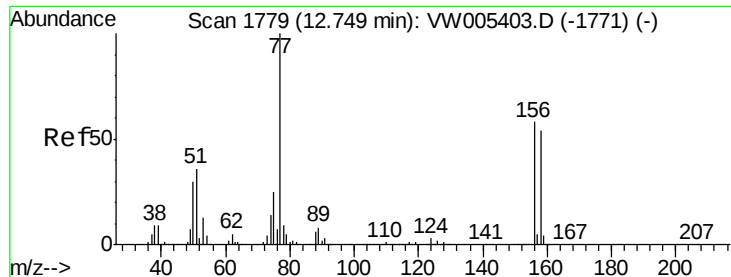
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

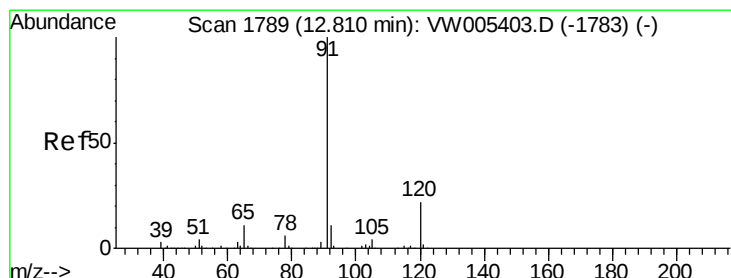
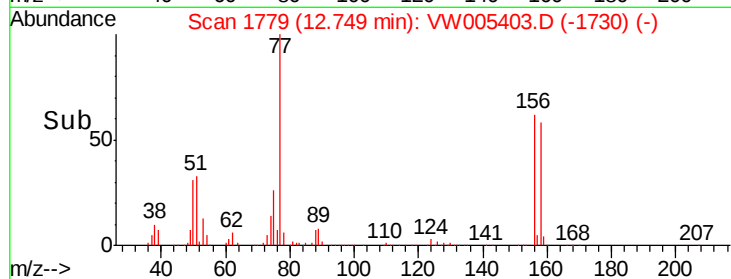
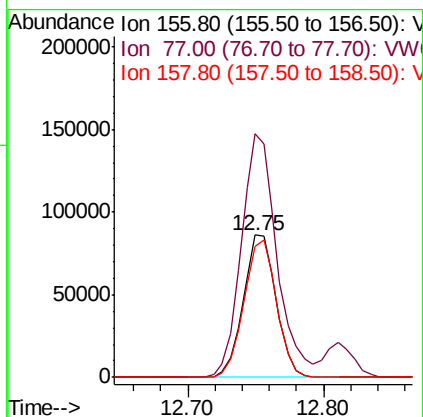
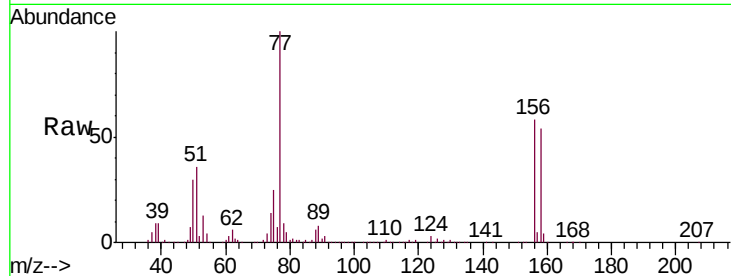




#77
Bromobenzene
Concen: 49.517 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

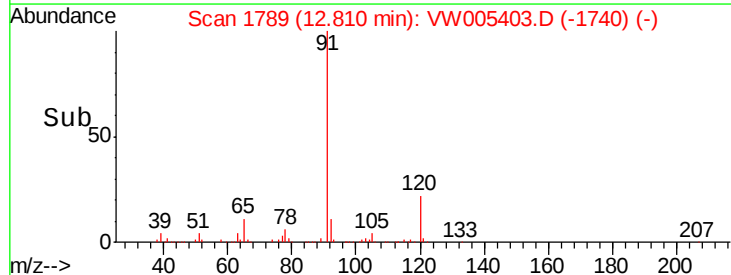
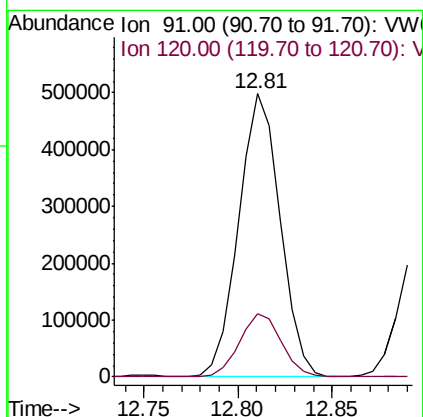
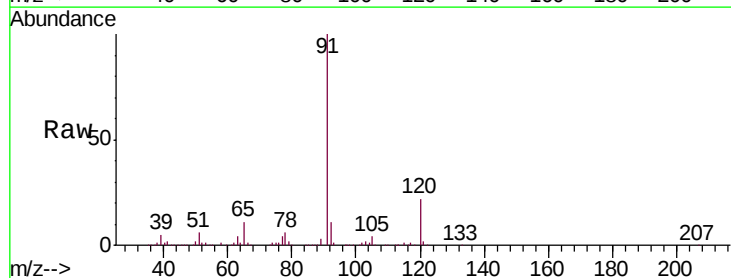
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

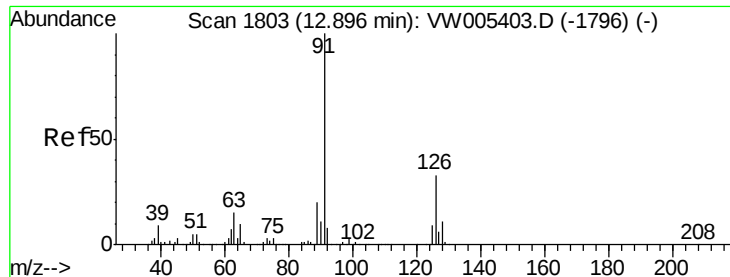
Tgt Ion:156 Resp: 144837
Ion Ratio Lower Upper
156 100
77 185.5 92.8 278.3
158 96.4 48.2 144.6



#78
n-propylbenzene
Concen: 50.828 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 91 Resp: 760045
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 51.440 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

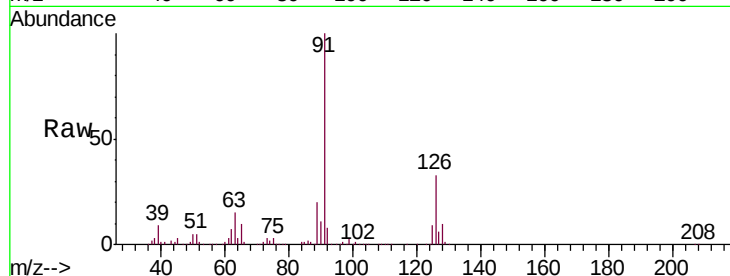
VSTDICCC050

Tgt Ion: 91 Resp: 441847

Ion Ratio Lower Upper

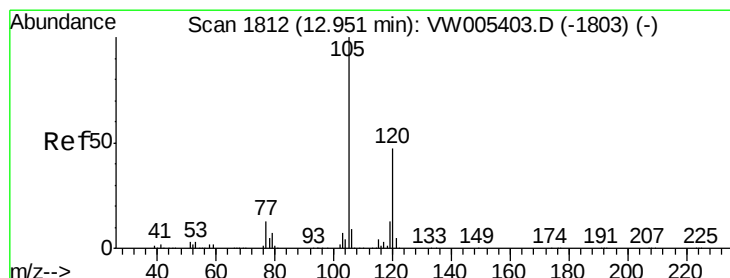
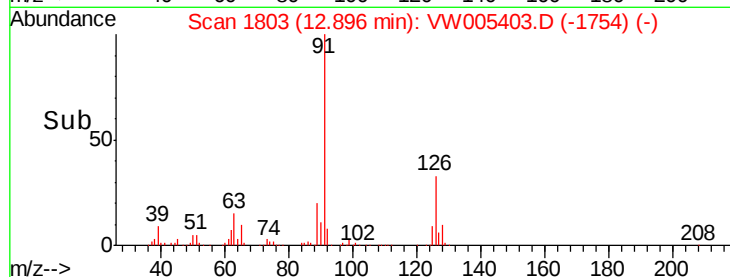
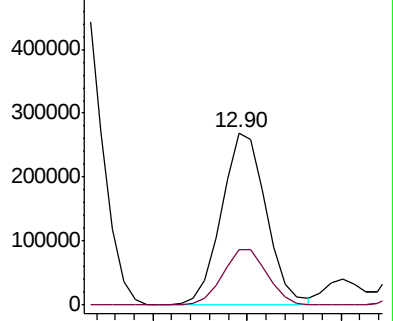
91 100

126 32.7 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: 52.426 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005403.D

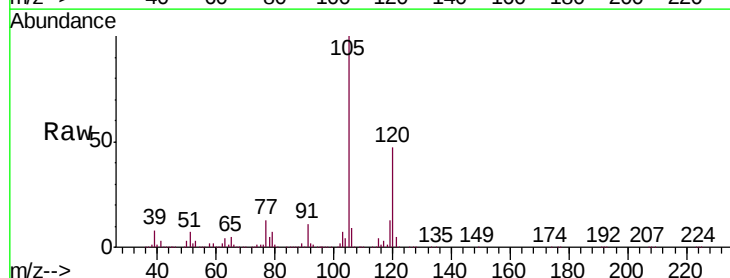
Acq: 15 Sep 2018 00:06

Tgt Ion: 105 Resp: 558363

Ion Ratio Lower Upper

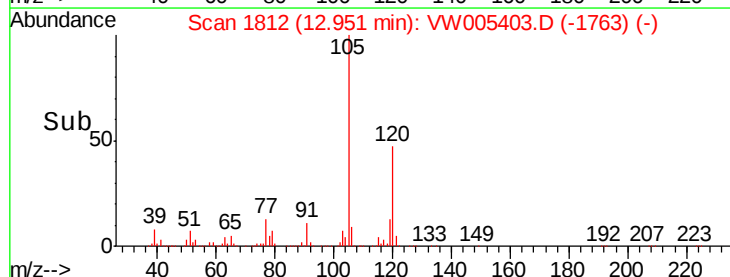
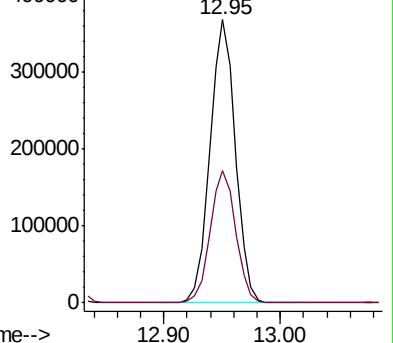
105 100

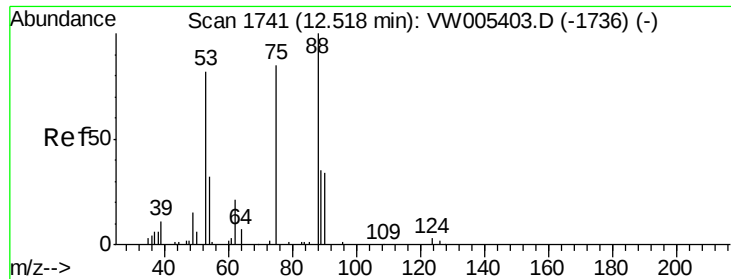
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

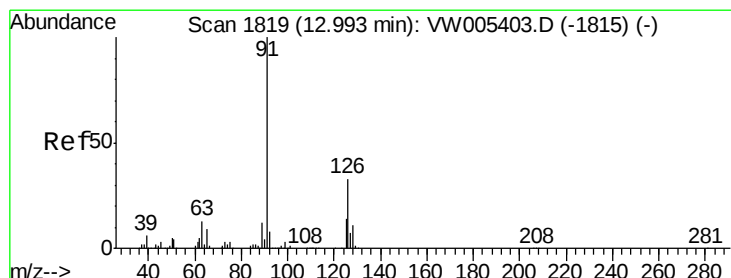
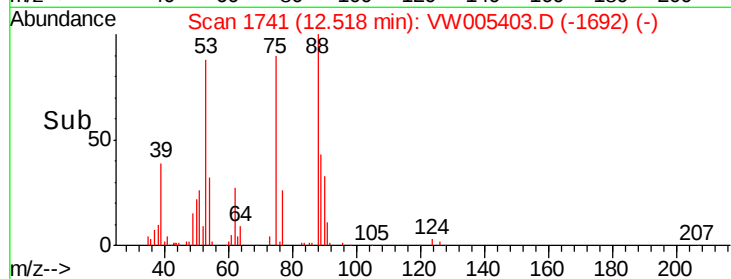
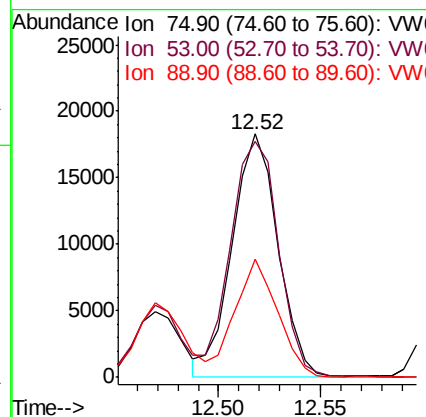
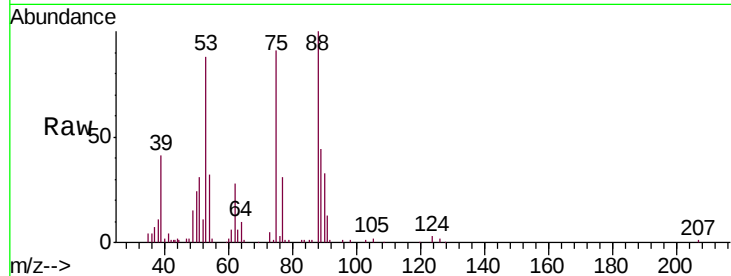




#81
trans-1,4-Dichloro-2-butene
Concen: 49.302 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

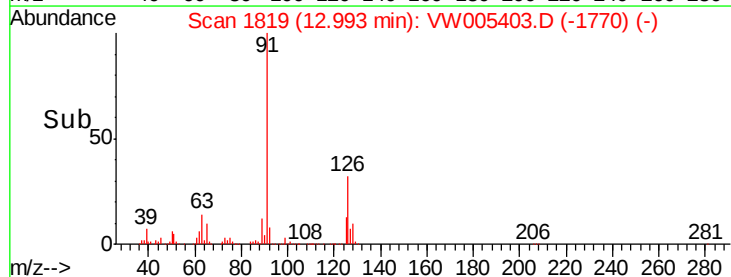
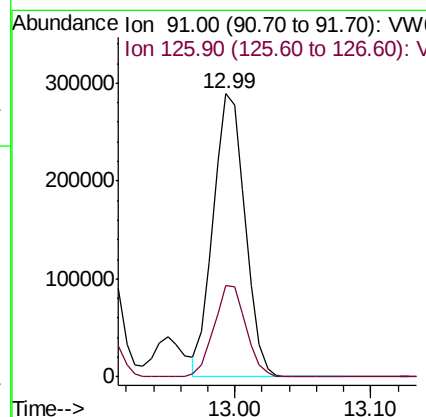
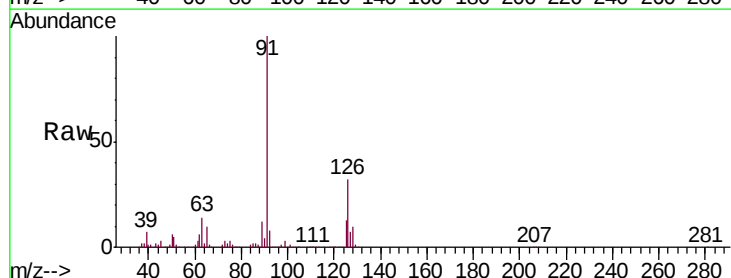
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

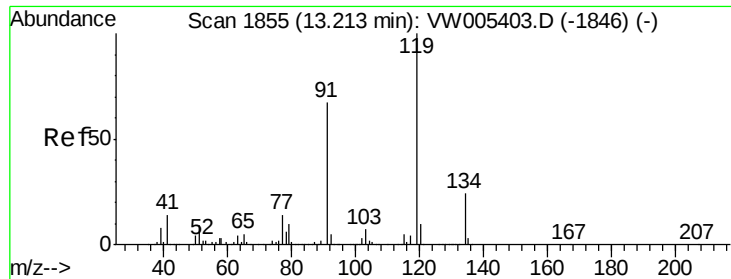
Tgt Ion: 75 Resp: 28227
Ion Ratio Lower Upper
75 100
53 104.0 83.2 124.8
89 45.7 36.6 54.8



#82
4-Chlorotoluene
Concen: 51.637 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion: 91 Resp: 467236
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

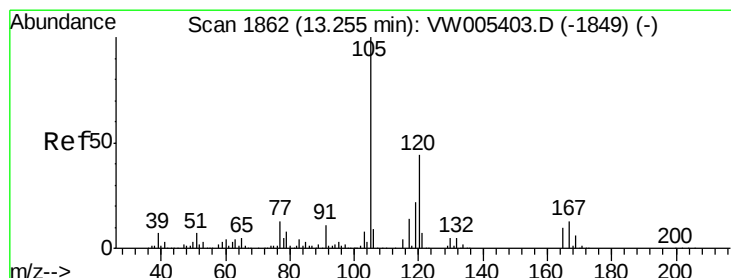
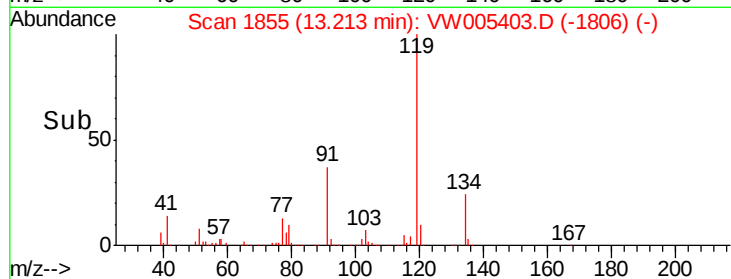
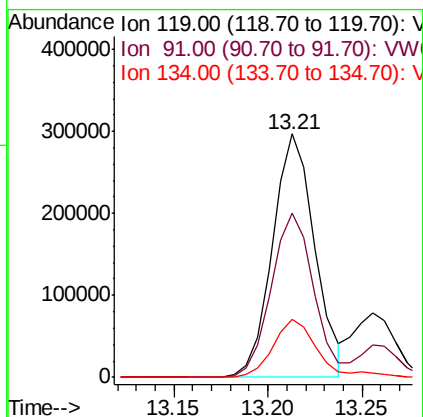
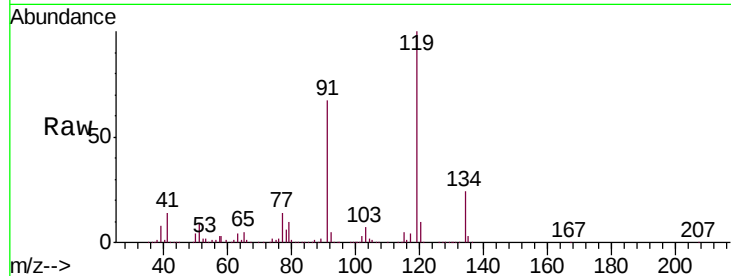




#83
 tert-Butylbenzene
 Concen: 49.936 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

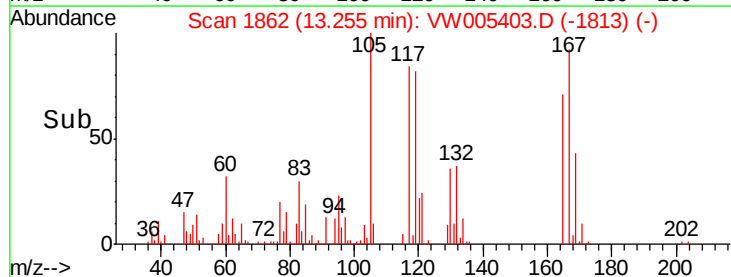
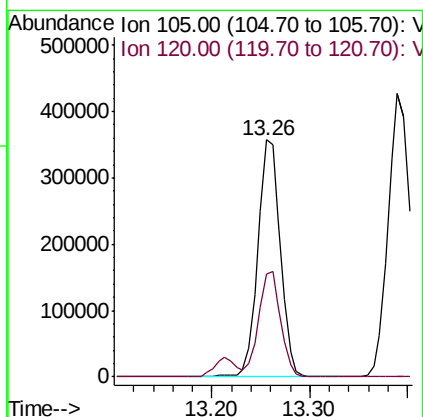
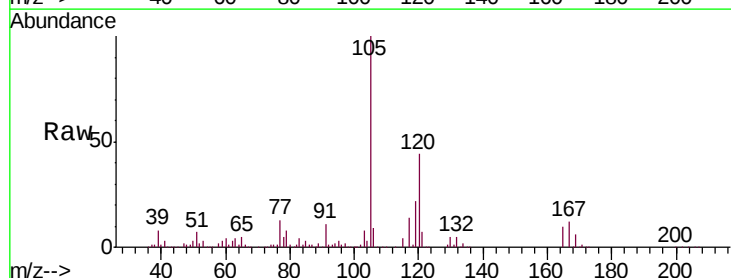
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

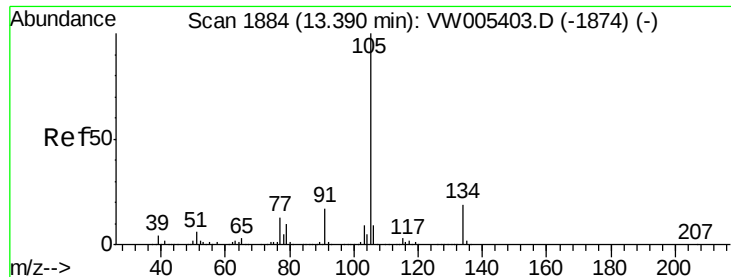
Tgt Ion:119 Resp: 461226
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.4 103.2
 134 25.3 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.813 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion:105 Resp: 567809
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

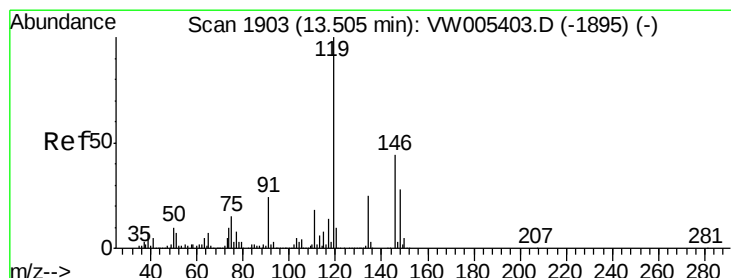
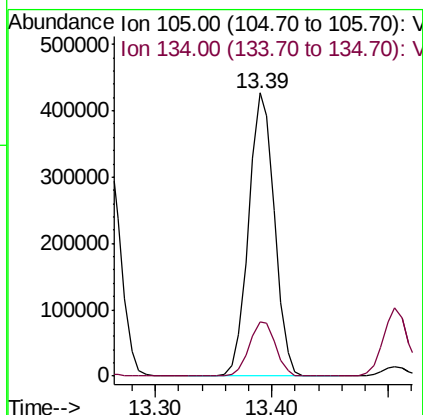
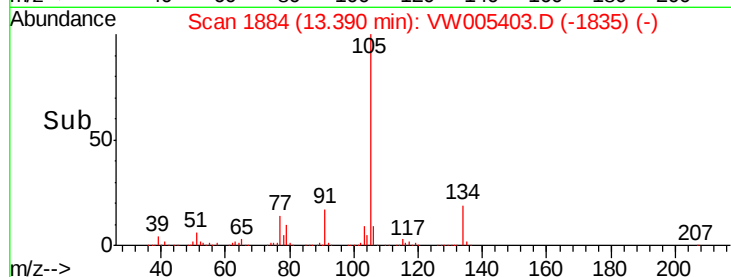
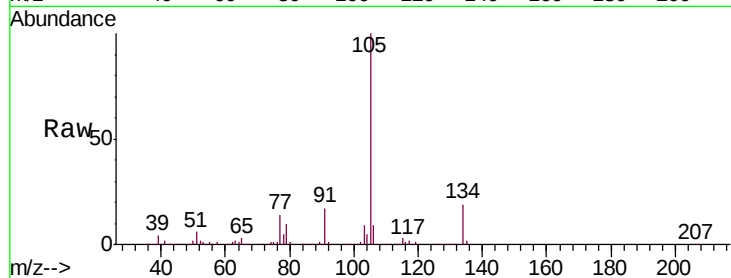




#85
 sec-Butylbenzene
 Concen: 49.832 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

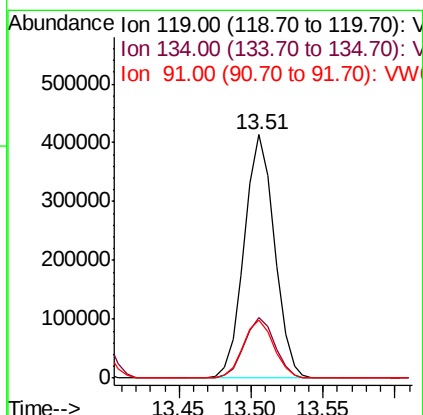
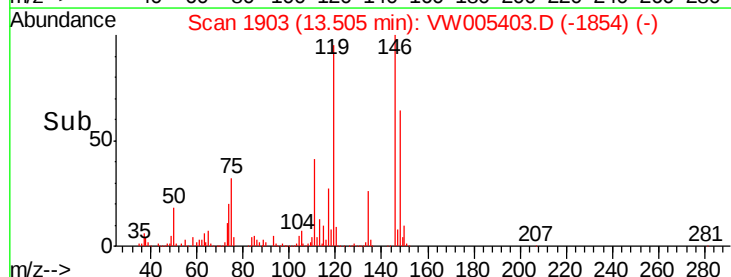
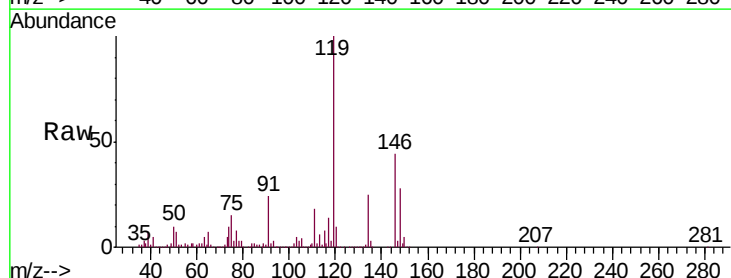
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

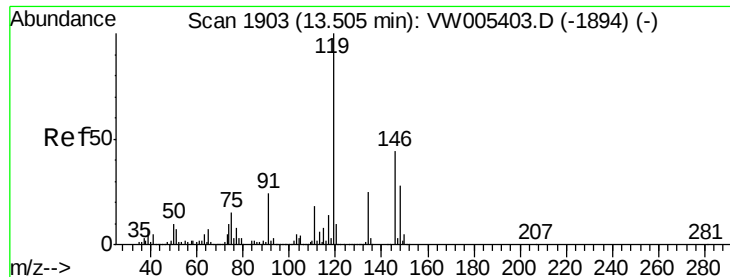
Tgt Ion:105 Resp: 660604
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.995 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion:119 Resp: 599691
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.0 12.0 36.0

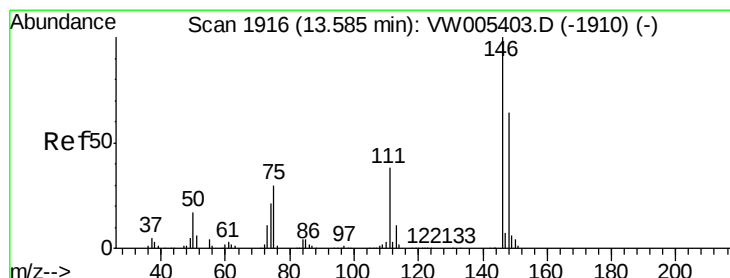
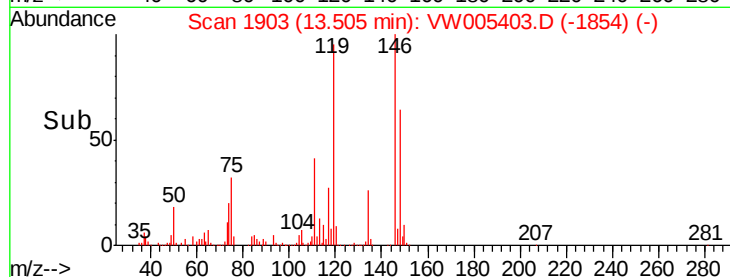
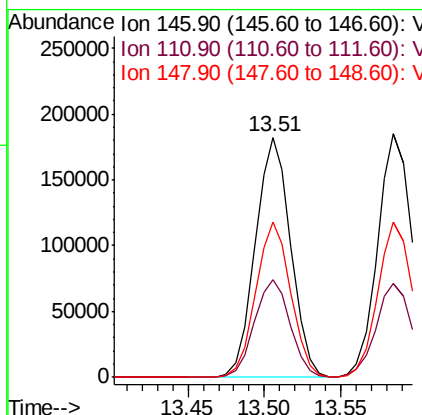
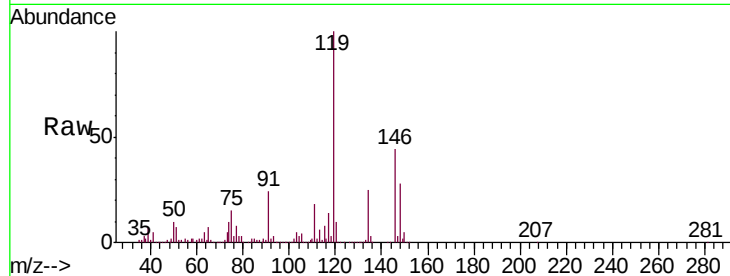




#87
 1,3-Dichlorobenzene
 Concen: 47.884 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

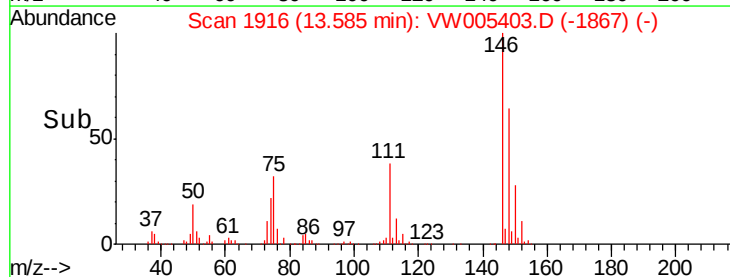
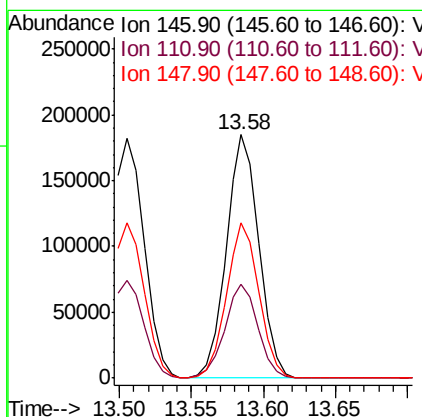
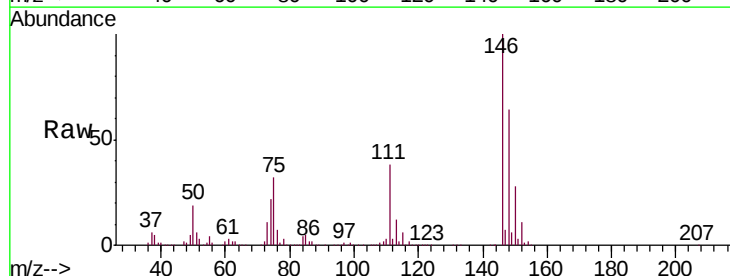
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

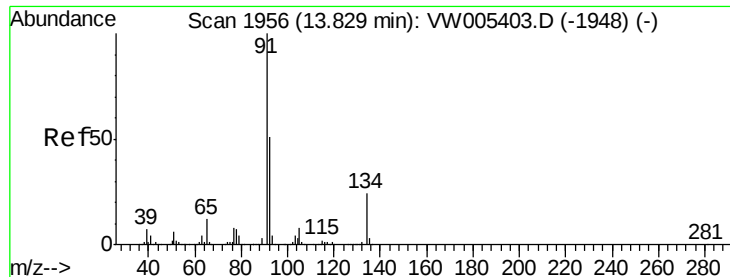
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	64.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.209 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.6	31.8	95.4





#89

n-Butylbenzene

Concen: 50.758 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005403.D

Acq: 15 Sep 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

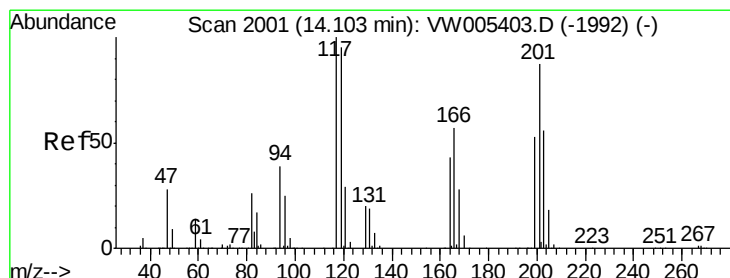
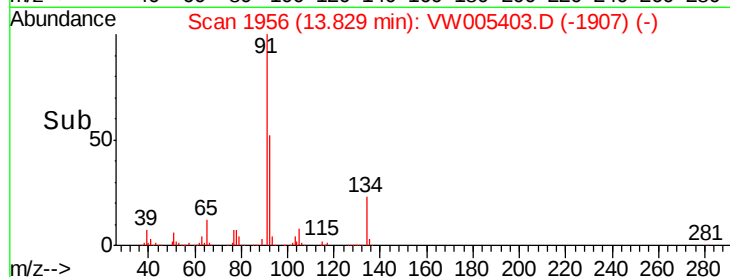
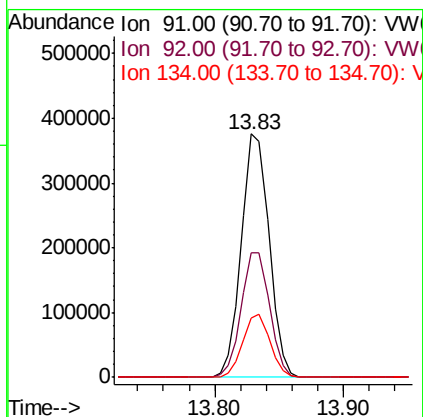
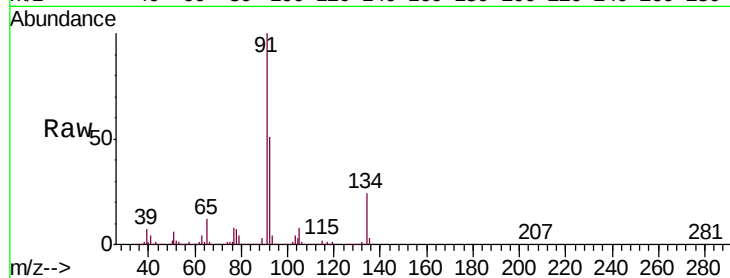
Tgt Ion: 91 Resp: 561045

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 52.301 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005403.D

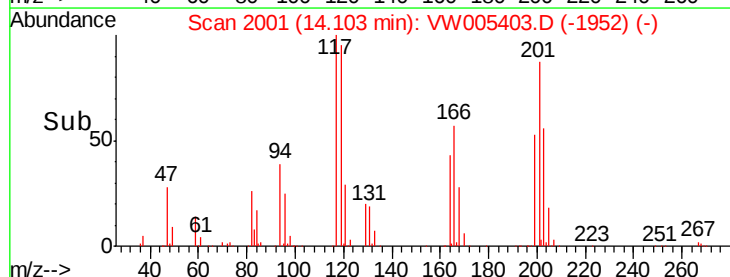
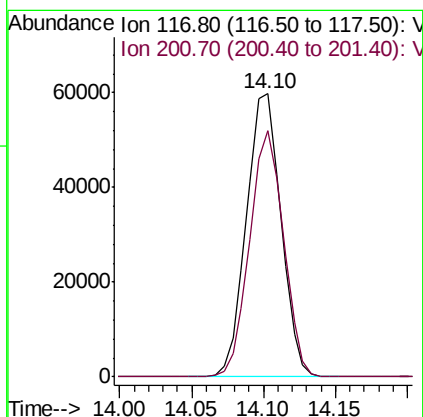
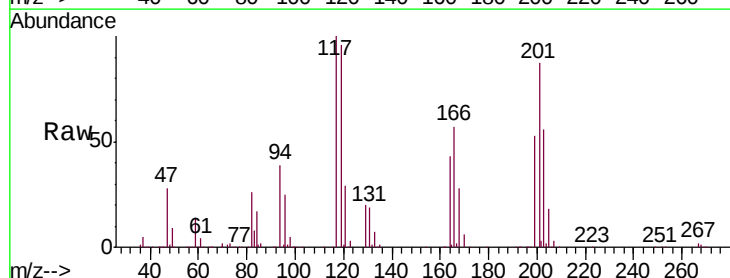
Acq: 15 Sep 2018 00:06

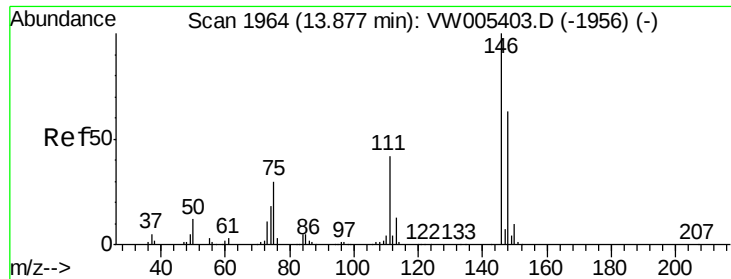
Tgt Ion: 117 Resp: 99618

Ion Ratio Lower Upper

117 100

201 85.0 42.5 127.5

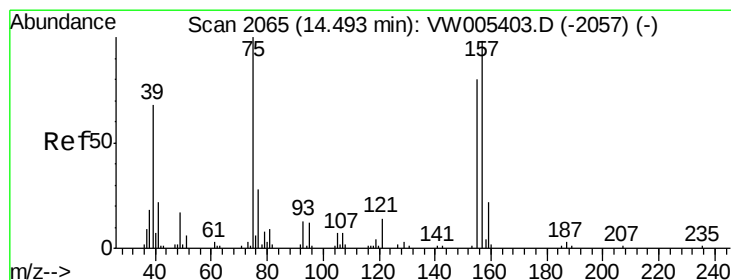
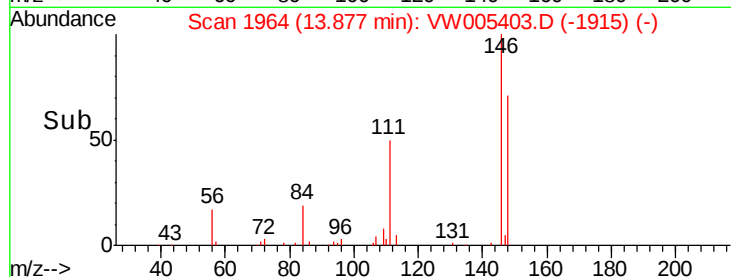
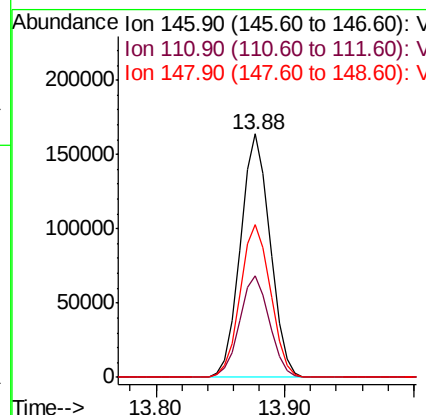
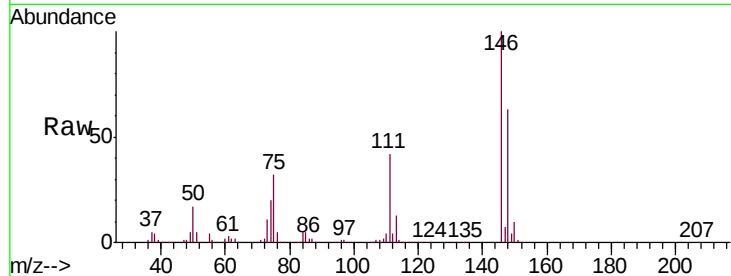




#91
 1,2-Dichlorobenzene
 Concen: 48.374 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

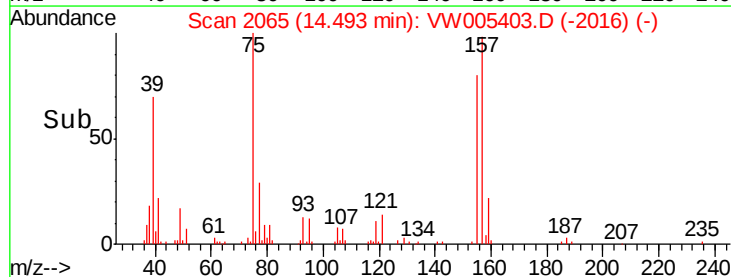
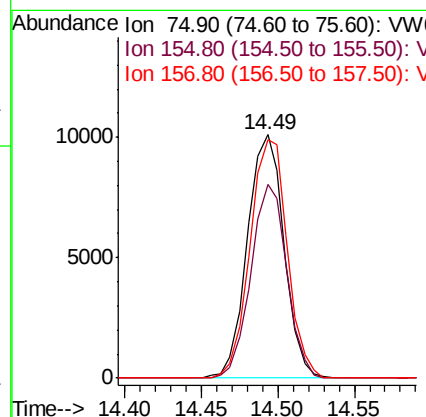
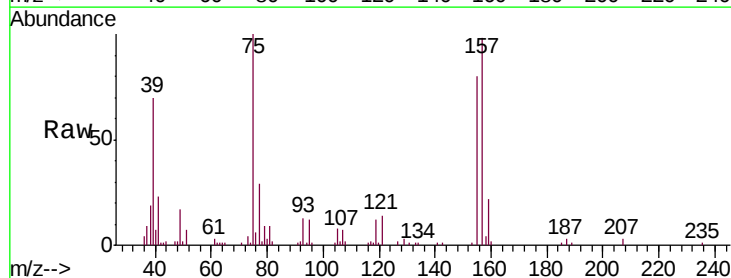
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

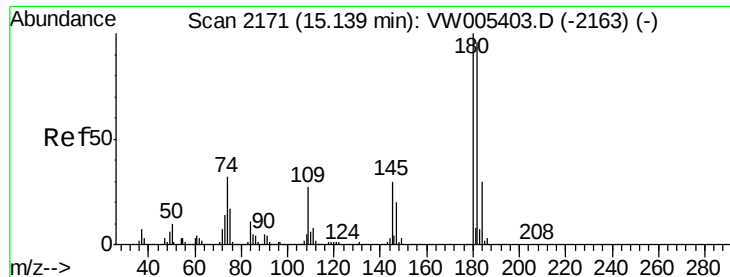
Tgt Ion: 146 Resp: 260844
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.444 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion: 75 Resp: 16798
 Ion Ratio Lower Upper
 75 100
 155 78.0 39.0 117.0
 157 99.7 49.9 149.6

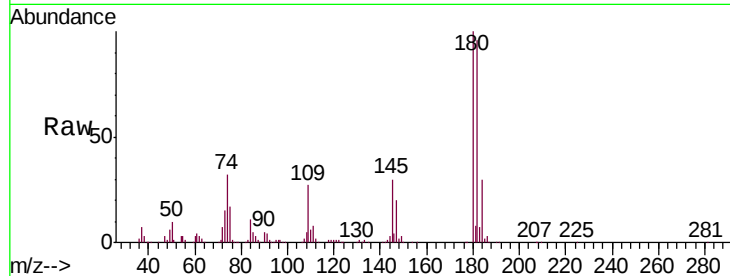




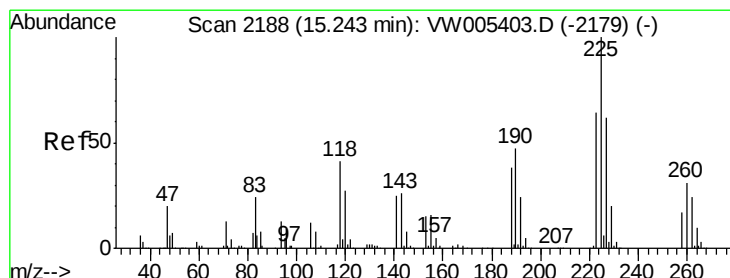
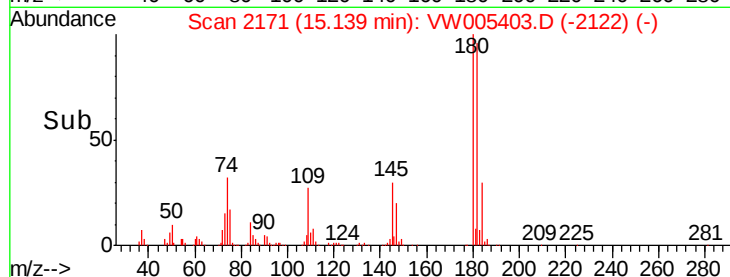
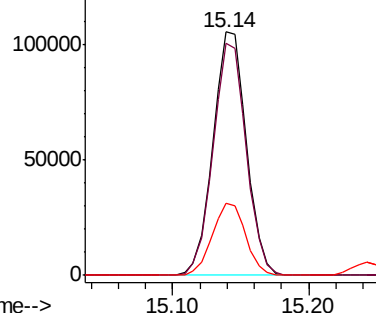
#93
 1,2,4-Trichlorobenzene
 Concen: 47.716 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 180981
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 29.5 14.8 44.3

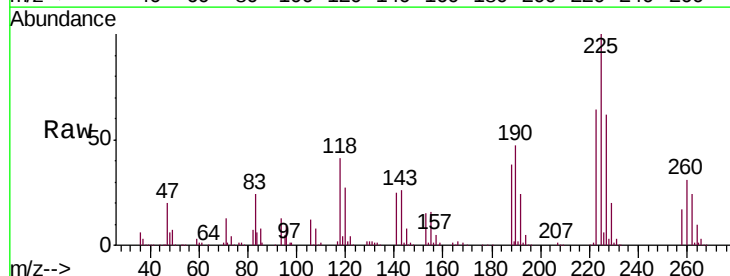


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

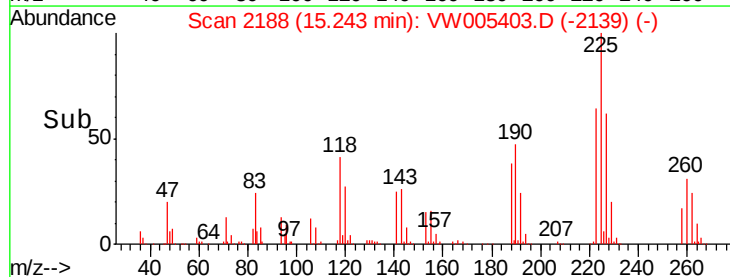
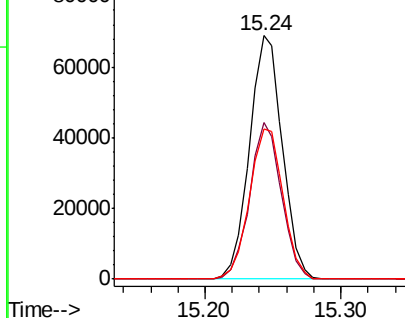


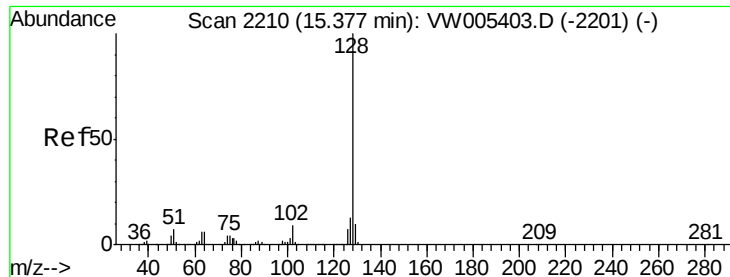
#94
 Hexachlorobutadiene
 Concen: 47.952 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005403.D
 Acq: 15 Sep 2018 00:06

Tgt Ion:225 Resp: 116426
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.3 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

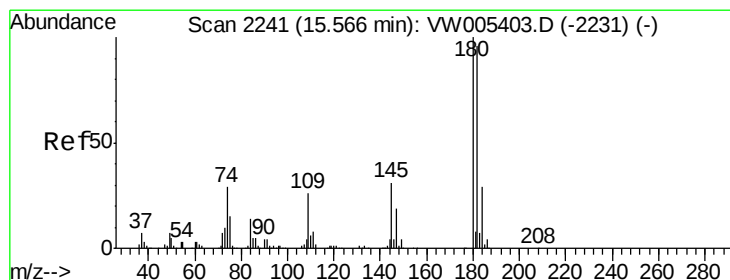
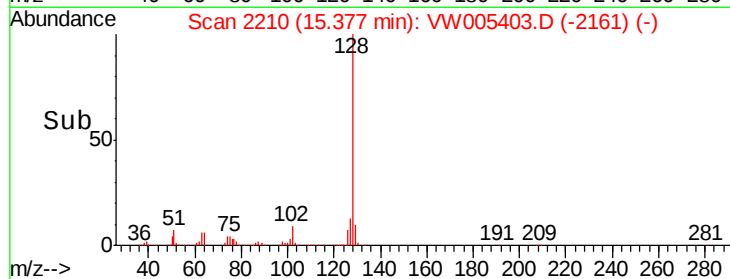
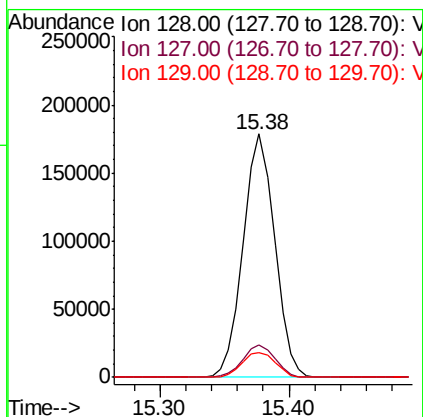
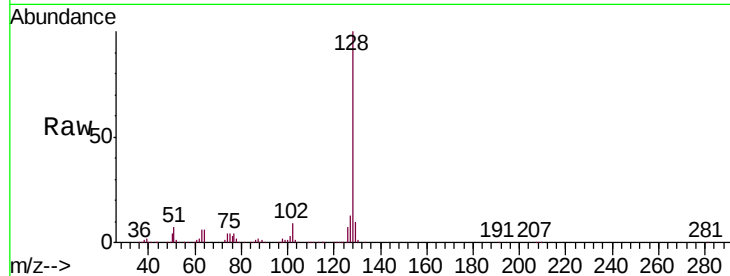




#95
Naphthalene
Concen: 49.317 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.957 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005403.D
Acq: 15 Sep 2018 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	31.8	15.9	47.7

