

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005503.D
 Acq On : 19 Sep 2018 03:40
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Quant Time: Sep 19 06:03:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	310117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	476309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	453309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164147	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.89	113	130670	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.33	98	621789	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.63	95	230526	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	65154	22.354	ug/l	97
3) Chloromethane	2.21	50	88926	24.293	ug/l	100
4) Vinyl Chloride	2.35	62	77125	22.492	ug/l	99
5) Bromomethane	2.76	94	48248	19.728	ug/l	99
6) Chloroethane	2.92	64	43008	21.162	ug/l	92
7) Trichlorofluoromethane	3.26	101	94890	20.887	ug/l	97
8) Diethyl Ether	3.69	74	33569	24.864	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	59543	22.474	ug/l	95
10) Methyl Iodide	4.28	142	53568	18.661	ug/l	96
11) Tert butyl alcohol	5.19	59	28042	135.745	ug/l	94
12) 1,1-Dichloroethene	4.04	96	54885	22.875	ug/l	96
13) Acrolein	3.90	56	19527	139.139	ug/l	99
14) Allyl chloride	4.68	41	112491	25.196	ug/l	93
15) Acrylonitrile	5.38	53	81196	131.481	ug/l	98
16) Acetone	4.13	43	63724	128.933	ug/l	94
17) Carbon Disulfide	4.38	76	185366	21.931	ug/l	100
18) Methyl Acetate	4.68	43	40458	26.155	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	156330	23.995	ug/l	97
20) Methylene Chloride	4.93	84	83702	23.124	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	65137	22.733	ug/l	91
22) Diisopropyl ether	6.32	45	233627	26.620	ug/l	96
23) Vinyl Acetate	6.26	43	661946	132.362	ug/l	98
24) 1,1-Dichloroethane	6.23	63	123871	23.258	ug/l	100
25) 2-Butanone	7.18	43	104333	134.736	ug/l	95
26) 2,2-Dichloropropane	7.17	77	99112	20.746	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	71058	22.798	ug/l	98
28) Bromochloromethane	7.52	49	49666	23.976	ug/l	# 88
29) Tetrahydrofuran	7.54	42	69959	141.816	ug/l	94
30) Chloroform	7.68	83	122016	22.124	ug/l	99
31) Cyclohexane	7.96	56	127105	24.739	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	110522	21.551	ug/l	98
36) 1,1-Dichloropropene	8.09	75	100671	22.333	ug/l	98
37) Ethyl Acetate	7.26	43	48516	26.466	ug/l	97
38) Carbon Tetrachloride	8.07	117	94323	20.081	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116089	22.163	ug/l	99
40) Benzene	8.34	78	286614	21.950	ug/l	99
41) Methacrylonitrile	7.49	41	29892	27.028	ug/l	97
42) 1,2-Dichloroethane	8.41	62	85133	20.830	ug/l	97
43) Isopropyl Acetate	8.43	43	89467	25.008	ug/l	98
44) Trichloroethene	9.10	130	71046	21.139	ug/l	98
45) 1,2-Dichloropropane	9.38	63	74224	23.791	ug/l	100
46) Dibromomethane	9.46	93	34128	22.238	ug/l	98
47) Bromodichloromethane	9.65	83	90900	21.861	ug/l	96
48) Methyl methacrylate	9.45	41	44608	24.985	ug/l	97
49) 1,4-Dioxane	9.46	88	11861	463.698	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	235869	128.074	ug/l	99
52) Toluene	10.40	92	192711	21.793	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	87465	21.018	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	106391	22.580	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50767	22.257	ug/l	95
56) Ethyl methacrylate	10.65	69	67233	23.287	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89892	22.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157832	120.869	ug/l	96
59) 2-Hexanone	10.98	43	157651	125.670	ug/l	98
60) Dibromochloromethane	11.13	129	55982	20.398	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45307	22.148	ug/l	98
64) Tetrachloroethene	10.87	164	71644	21.385	ug/l	97
65) Chlorobenzene	11.66	112	204015	21.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	62987	20.484	ug/l	98
67) Ethyl Benzene	11.74	91	365885	21.626	ug/l	100
68) m/p-Xylenes	11.85	106	279401	42.909	ug/l	99
69) o-Xylene	12.18	106	129993	21.438	ug/l	99
70) Styrene	12.19	104	212964	21.282	ug/l	100
71) Bromoform	12.35	173	32749	20.132	ug/l #	99
73) Isopropylbenzene	12.47	105	354176	22.531	ug/l	100
74) N-amyl acetate	12.28	43	84218	25.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57319	24.996	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79551	43.168	ug/l #	100
77) Bromobenzene	12.76	156	80417	21.638	ug/l	93
78) n-propylbenzene	12.81	91	433955	22.875	ug/l	99
79) 2-Chlorotoluene	12.90	91	253063	22.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	302183	22.032	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	16407	23.096	ug/l	97
82) 4-Chlorotoluene	13.00	91	264454	22.382	ug/l	99
83) tert-Butylbenzene	13.21	119	258064	22.653	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	306478	22.009	ug/l	99
85) sec-Butylbenzene	13.39	105	364771	22.160	ug/l	100
86) p-Isopropyltoluene	13.51	119	320323	21.760	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	161863	21.476	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157848	21.267	ug/l	98
89) n-Butylbenzene	13.83	91	303594	22.148	ug/l	99
90) Hexachloroethane	14.10	117	53550	21.231	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	141496	21.482	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9664	21.943	ug/l	95

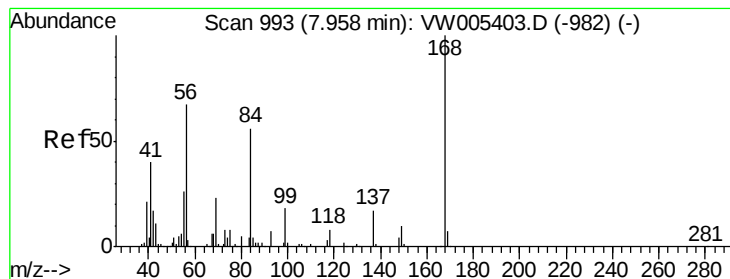
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005503.D
Acq On : 19 Sep 2018 03:40
Operator : SY/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	89357	20.332	ug/l	98
94) Hexachlorobutadiene	15.24	225	58290	20.310	ug/l	99
95) Naphthalene	15.38	128	154164	21.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75825	19.769	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

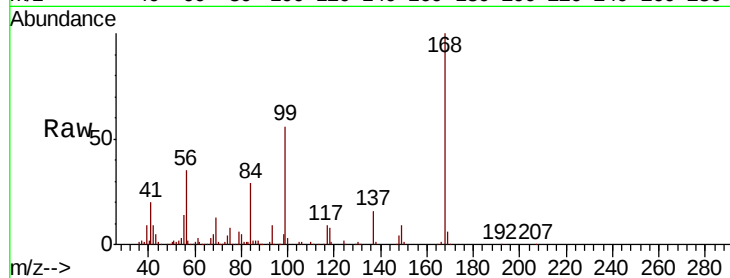
VW0918SBSD02

Tgt Ion:168 Resp: 310117

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

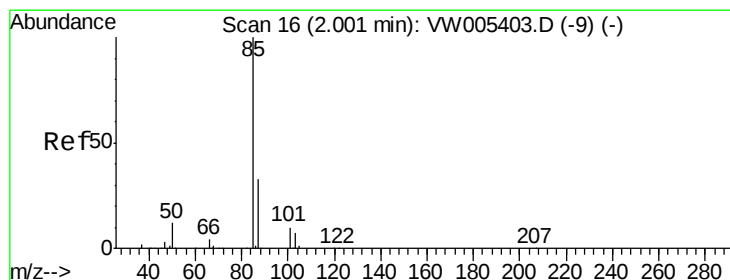
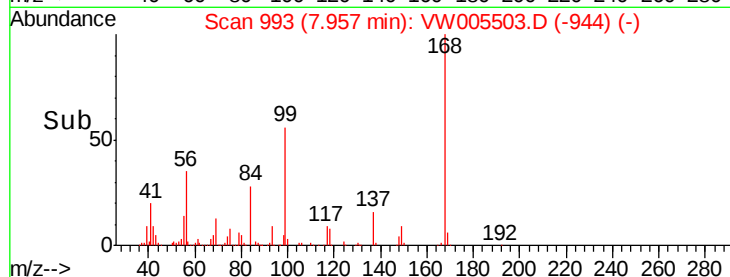
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 22.354 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005503.D

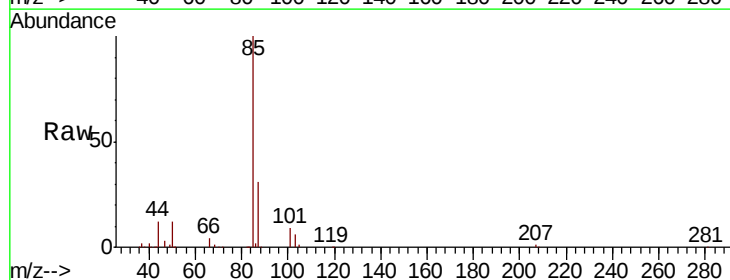
Acq: 19 Sep 2018 03:40

Tgt Ion: 85 Resp: 65154

Ion Ratio Lower Upper

85 100

87 30.8 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

50000

40000

30000

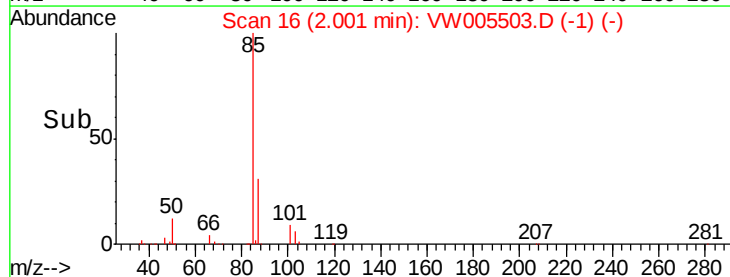
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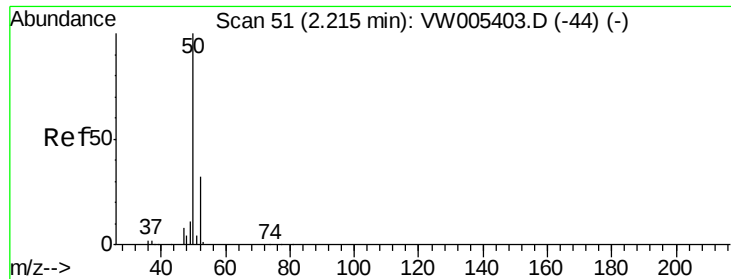
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 24.293 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

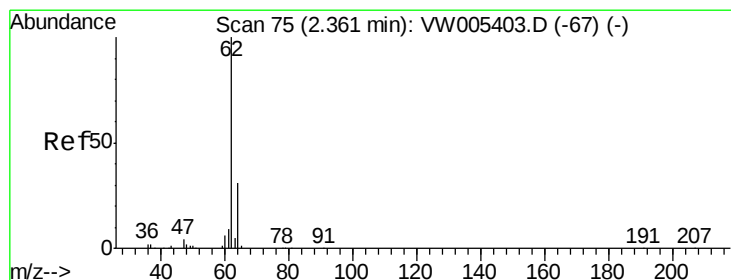
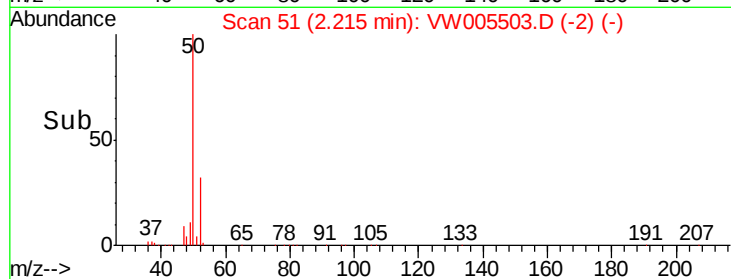
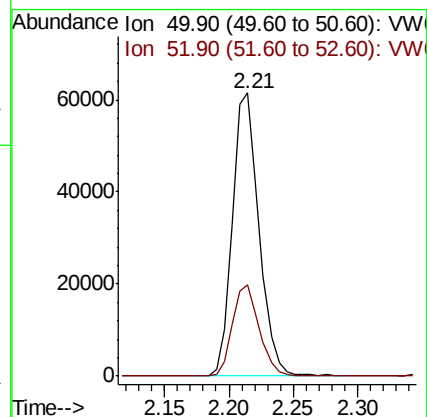
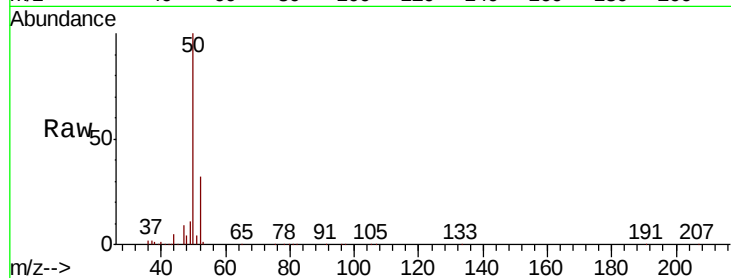
VW0918SBSD02

Tgt Ion: 50 Resp: 88926

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 22.492 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005503.D

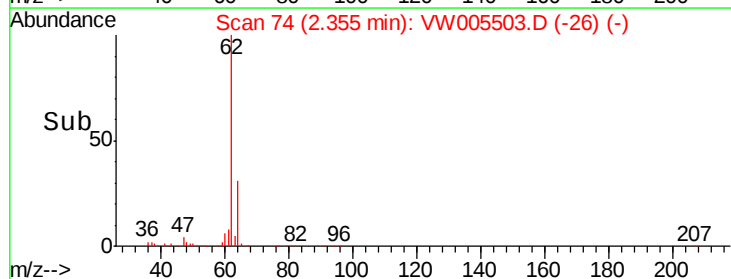
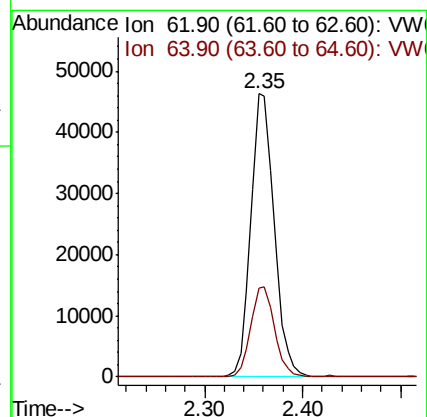
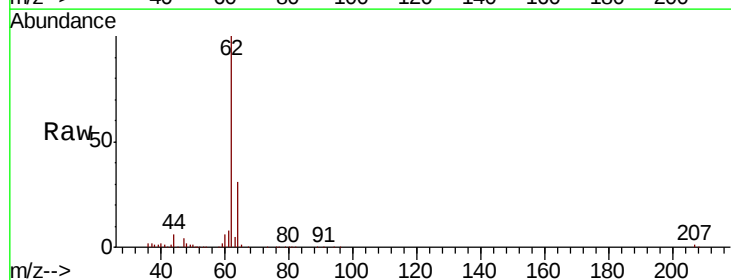
Acq: 19 Sep 2018 03:40

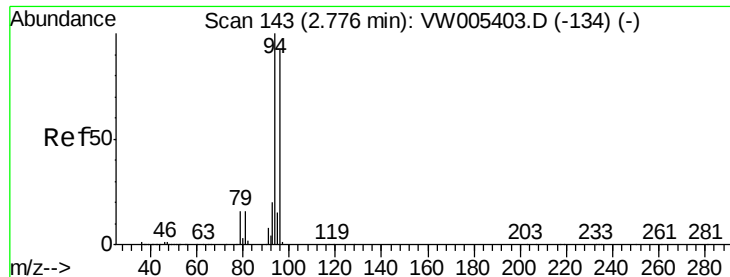
Tgt Ion: 62 Resp: 77125

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 19.728 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

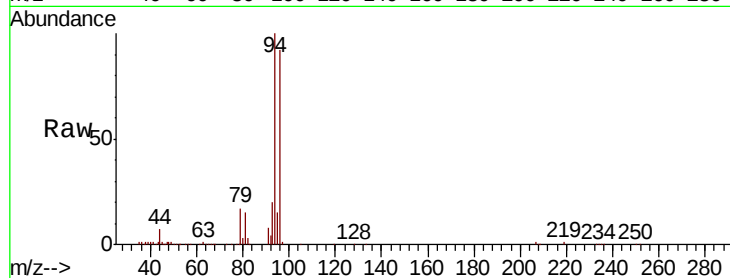
VW0918SBSD02

Tgt Ion: 94 Resp: 48248

Ion Ratio Lower Upper

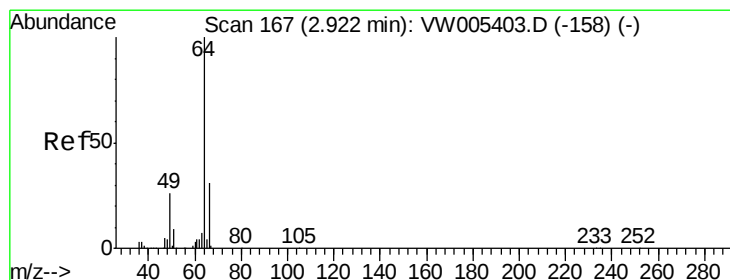
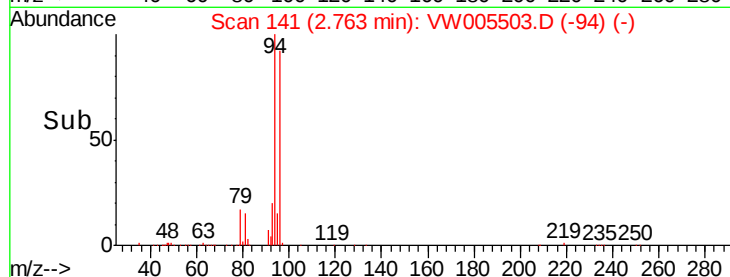
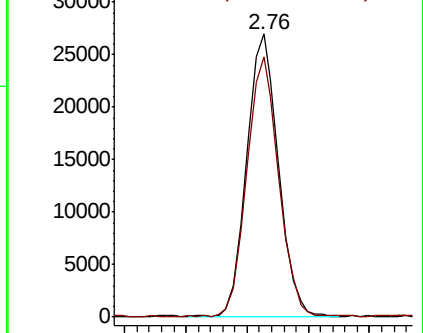
94 100

96 91.5 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.162 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005503.D

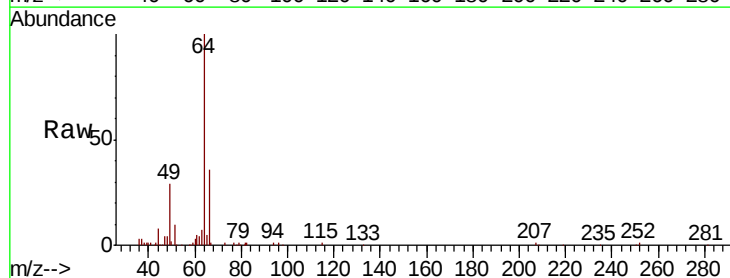
Acq: 19 Sep 2018 03:40

Tgt Ion: 64 Resp: 43008

Ion Ratio Lower Upper

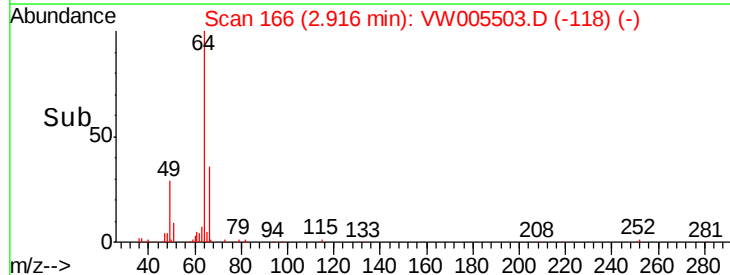
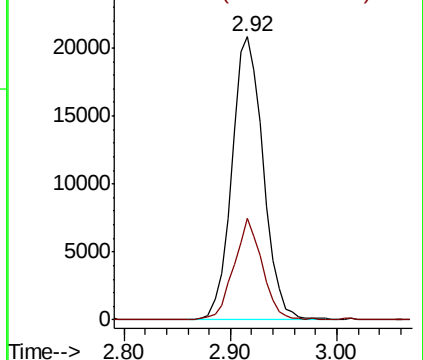
64 100

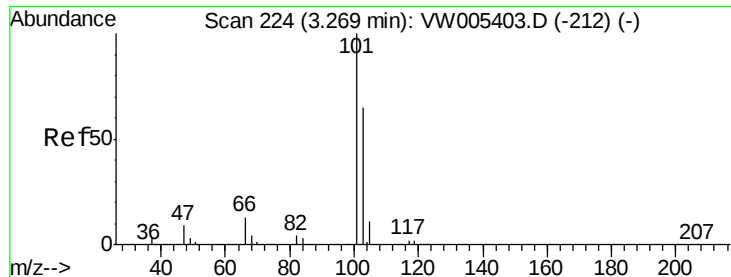
66 36.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



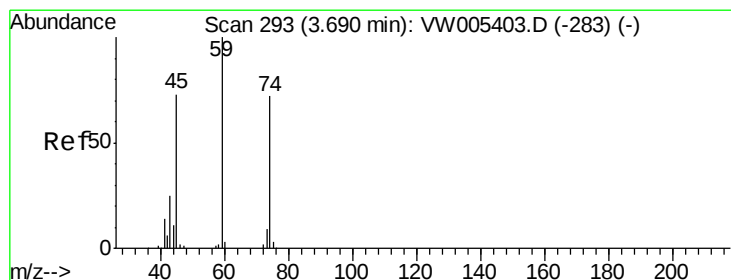
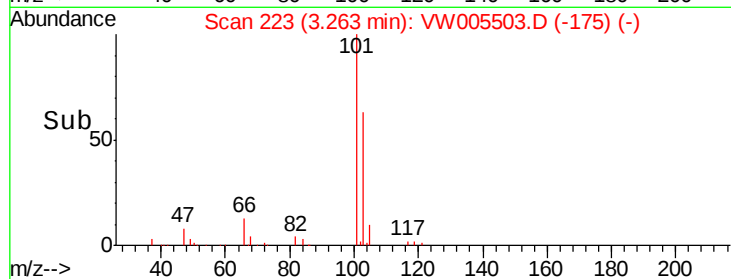
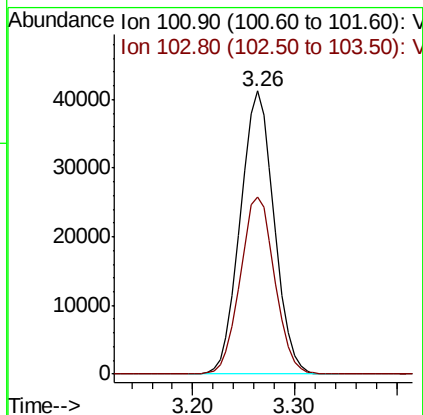
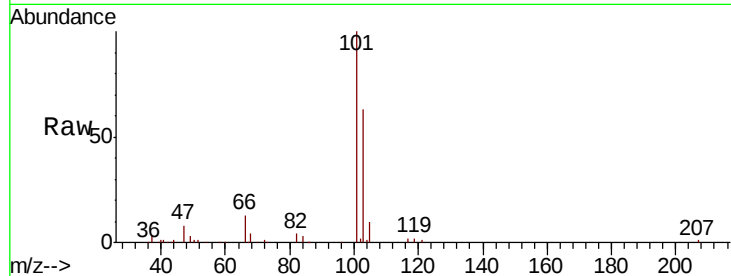


#7

Trichlorofluoromethane
 Concen: 20.887 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
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 VW0918SBSD02

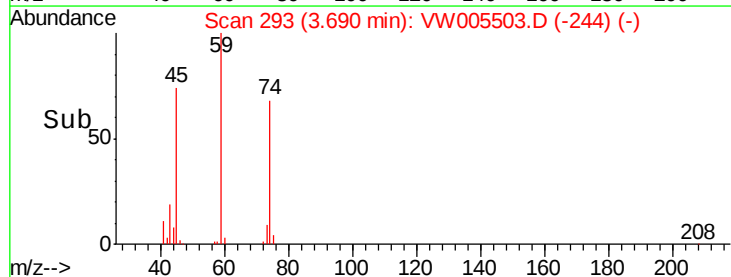
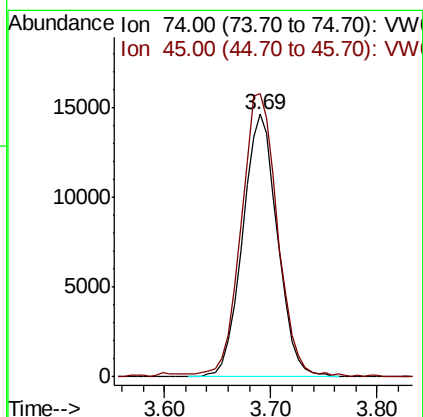
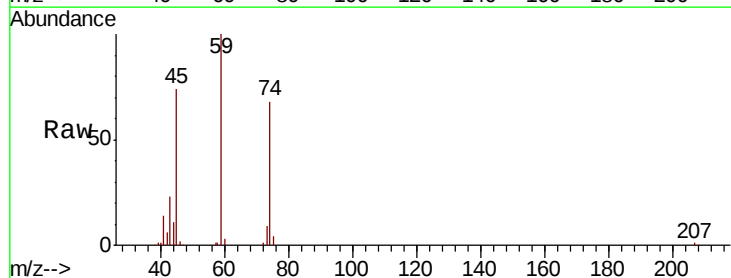
Tgt Ion:101 Resp: 94890
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.7 77.5

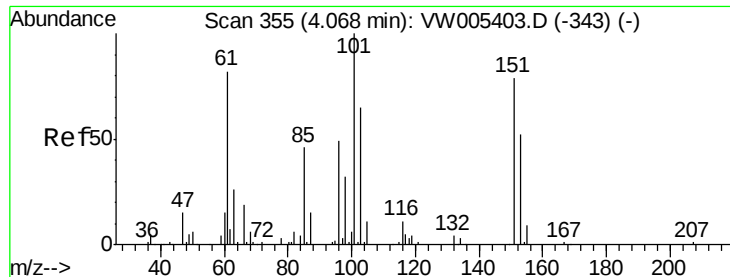


#8

Diethyl Ether
 Concen: 24.864 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 74 Resp: 33569
 Ion Ratio Lower Upper
 74 100
 45 113.5 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.474 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

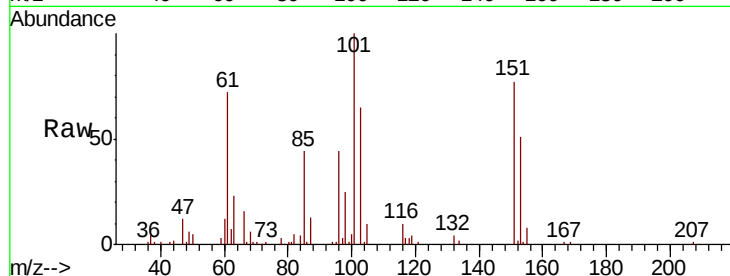
Tgt Ion:101 Resp: 59543

Ion Ratio Lower Upper

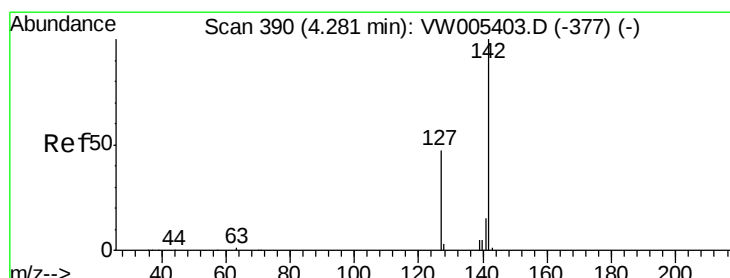
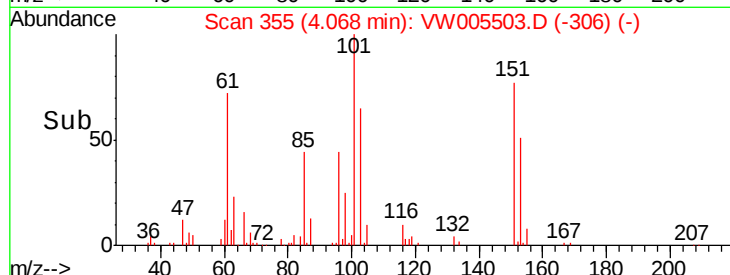
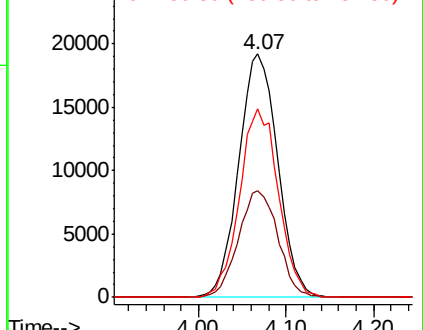
101 100

85 44.4 36.6 54.8

151 77.5 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: 18.661 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

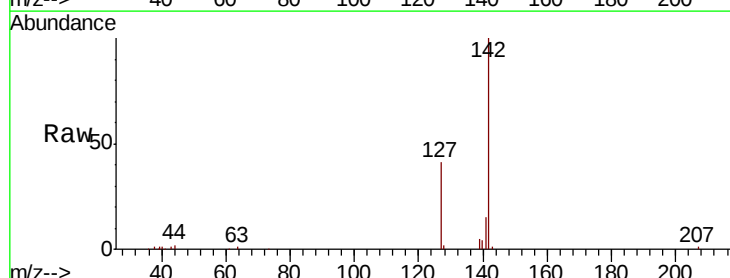
Tgt Ion:142 Resp: 53568

Ion Ratio Lower Upper

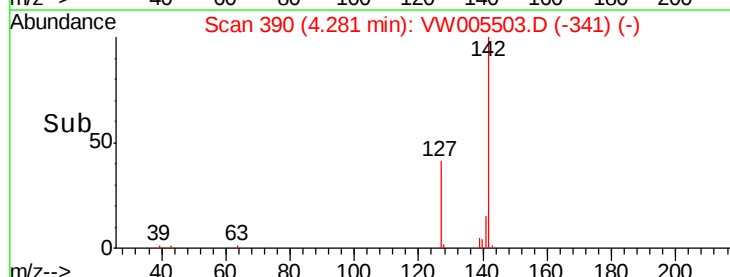
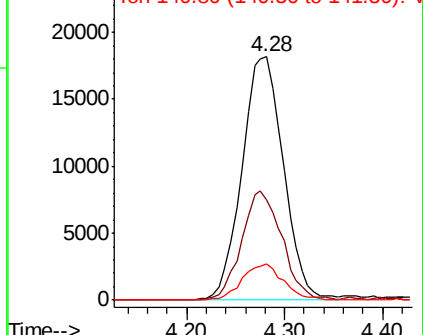
142 100

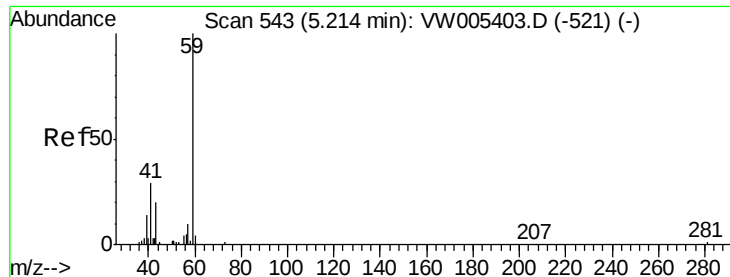
127 43.6 37.5 56.3

141 14.7 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

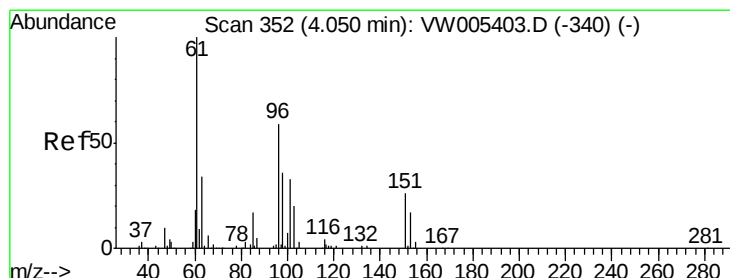
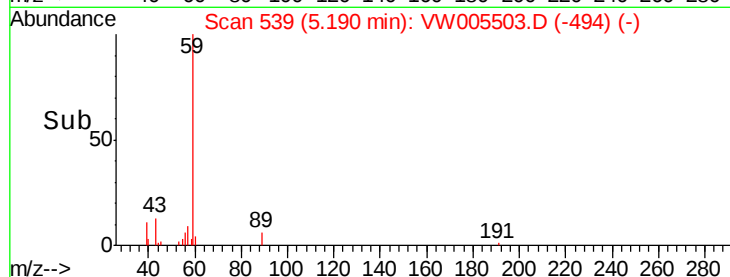
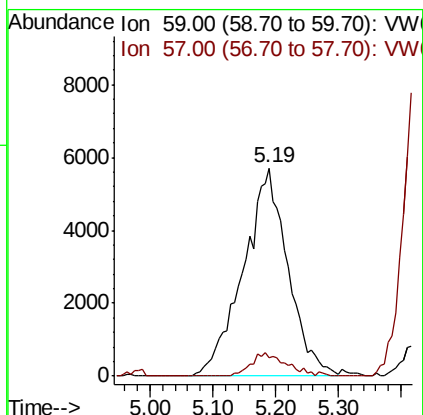
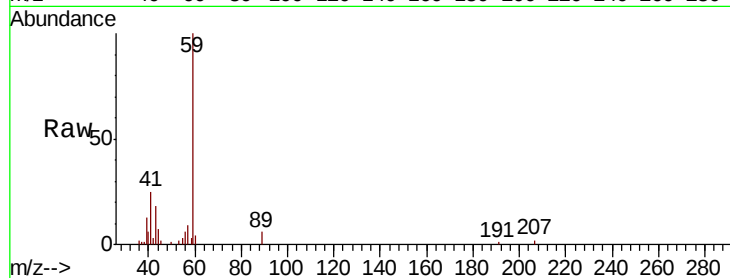




#11
Tert butyl alcohol
Concen: 135.745 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.02 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

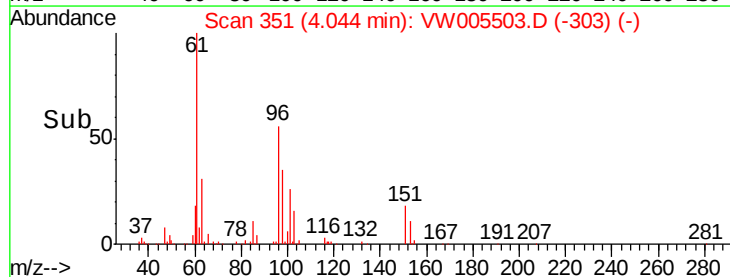
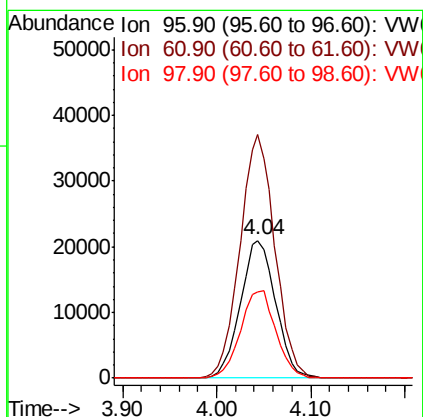
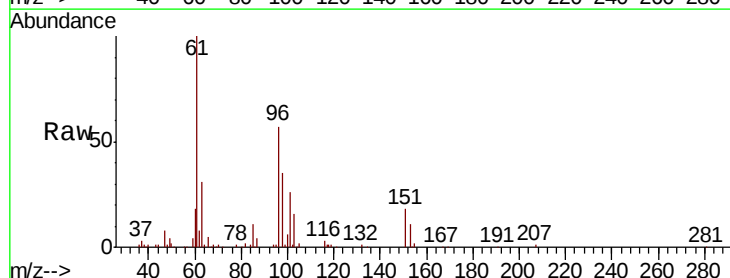
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

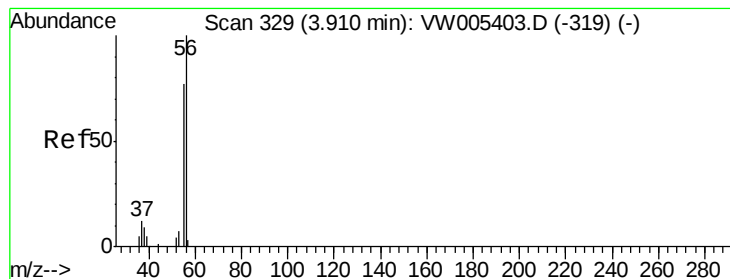
Tgt Ion: 59 Resp: 28042
Ion Ratio Lower Upper
59 100
57 8.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 22.875 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 96 Resp: 54885
Ion Ratio Lower Upper
96 100
61 176.6 135.7 203.5
98 62.6 48.6 73.0





#13

Acrolein

Concen: 139.139 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

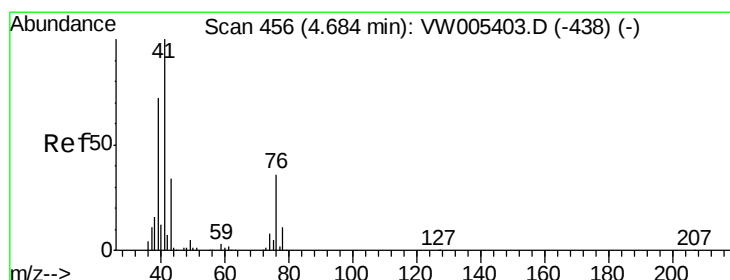
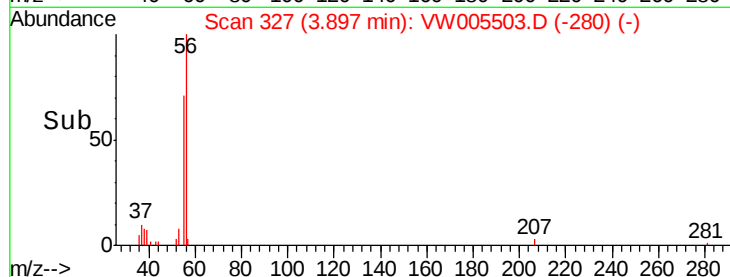
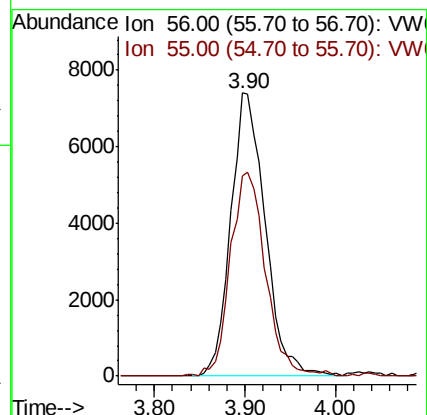
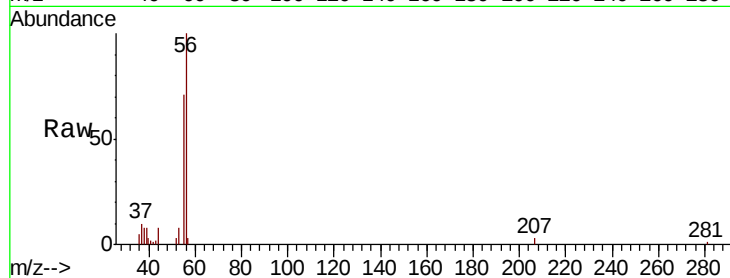
VW0918SBS02

Tgt Ion: 56 Resp: 19527

Ion Ratio Lower Upper

56 100

55 73.7 59.8 89.8



#14

Allyl chloride

Concen: 25.196 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

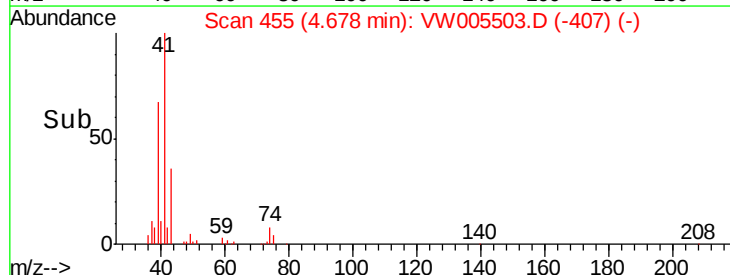
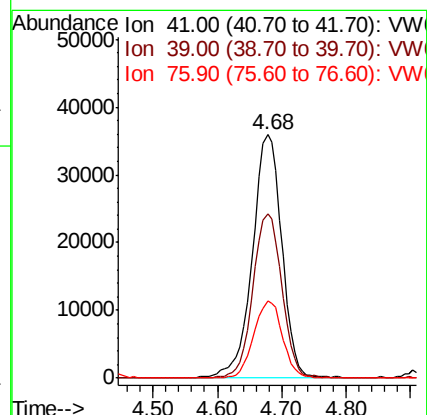
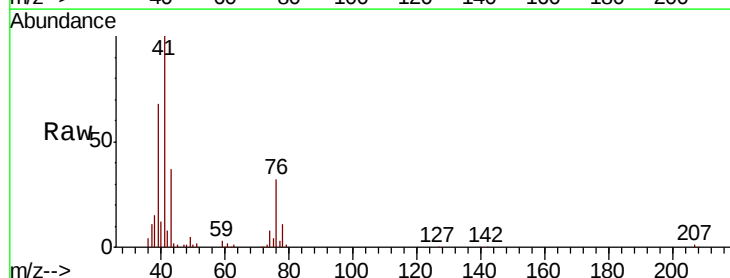
Tgt Ion: 41 Resp: 112491

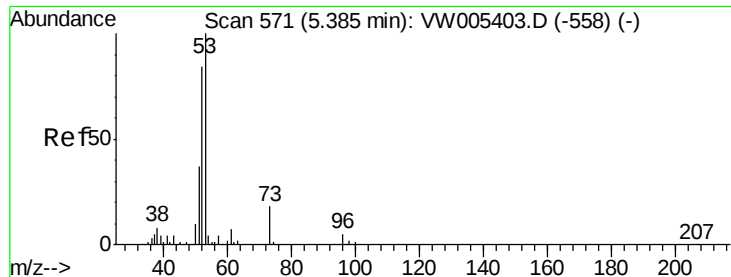
Ion Ratio Lower Upper

41 100

39 66.8 58.6 88.0

76 30.8 27.4 41.0





#15

Acrylonitrile

Concen: 131.481 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

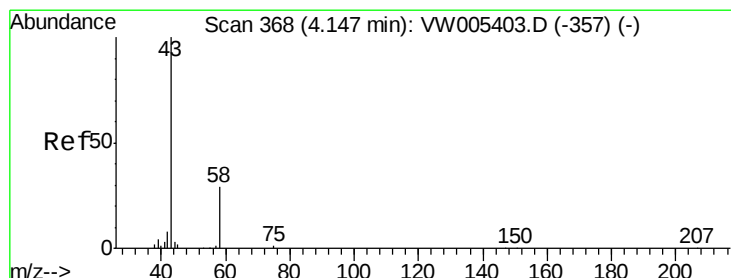
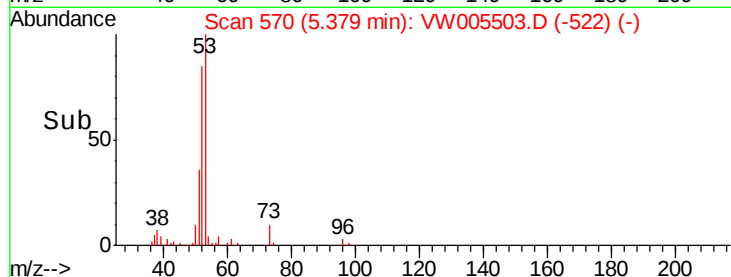
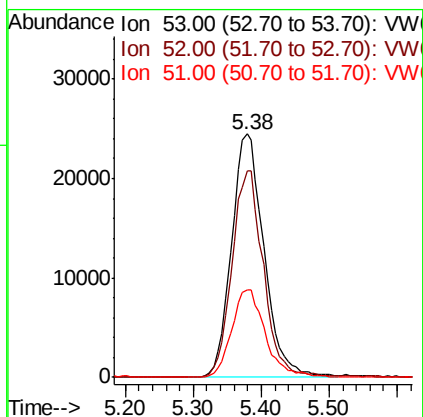
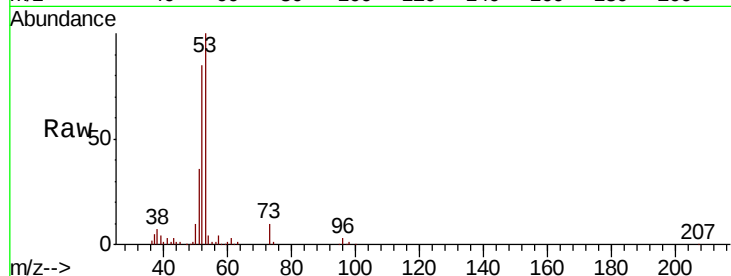
Tgt Ion: 53 Resp: 81196

Ion Ratio Lower Upper

53 100

52 81.8 66.6 99.8

51 37.3 31.1 46.7



#16

Acetone

Concen: 128.933 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005503.D

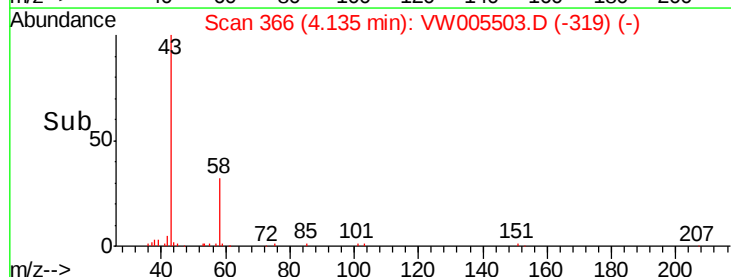
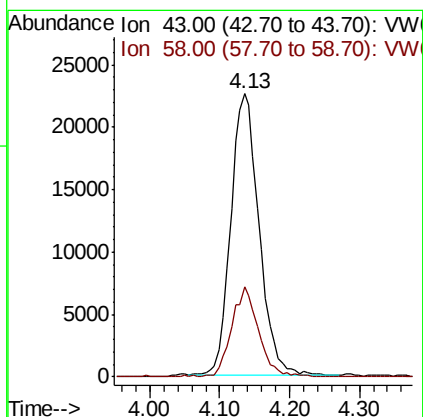
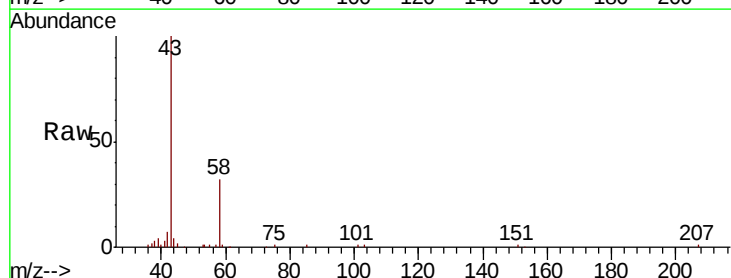
Acq: 19 Sep 2018 03:40

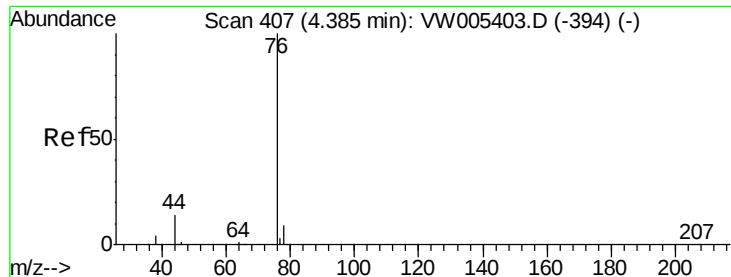
Tgt Ion: 43 Resp: 63724

Ion Ratio Lower Upper

43 100

58 31.8 22.8 34.2





#17

Carbon Disulfide

Concen: 21.931 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

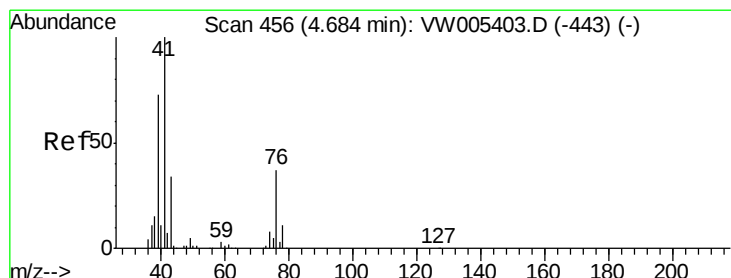
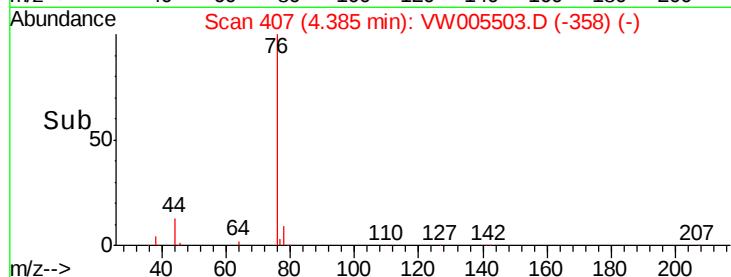
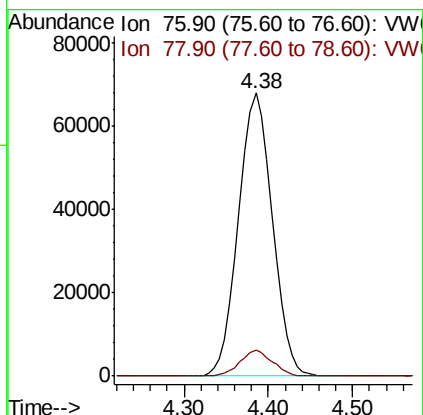
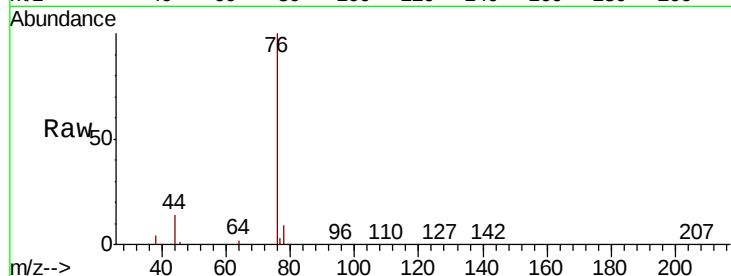
VW0918SBSD02

Tgt Ion: 76 Resp: 185366

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 26.155 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005503.D

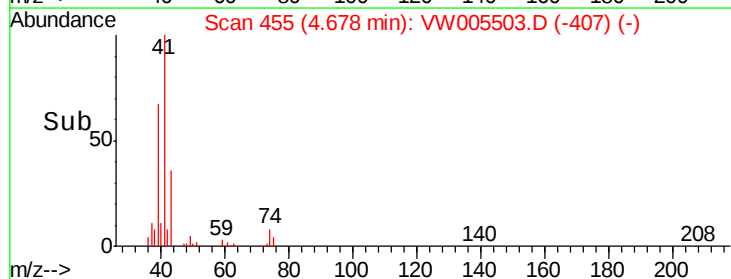
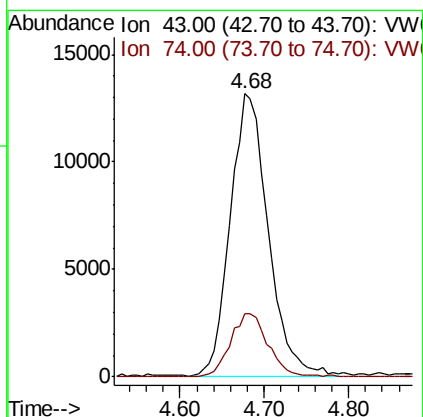
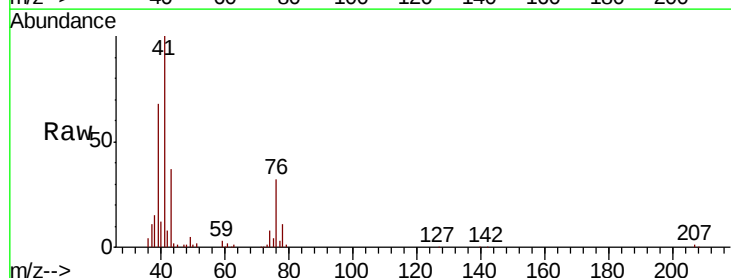
Acq: 19 Sep 2018 03:40

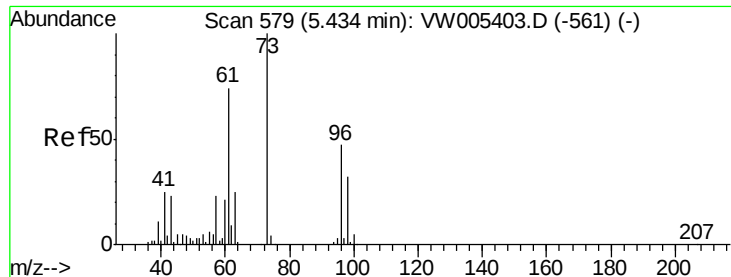
Tgt Ion: 43 Resp: 40458

Ion Ratio Lower Upper

43 100

74 21.8 17.7 26.5

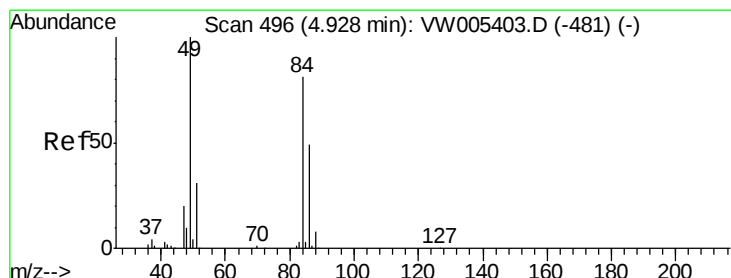
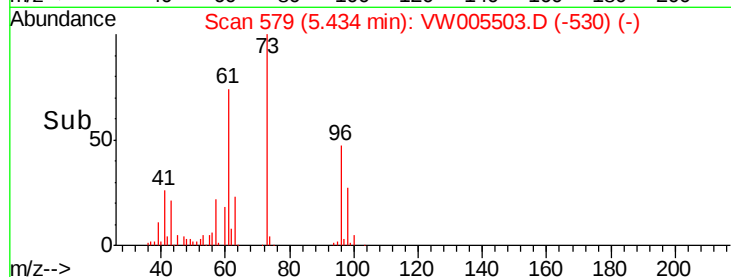
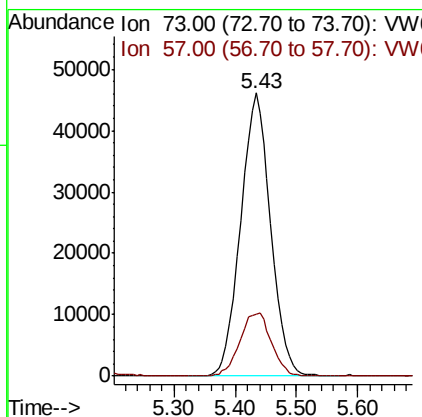
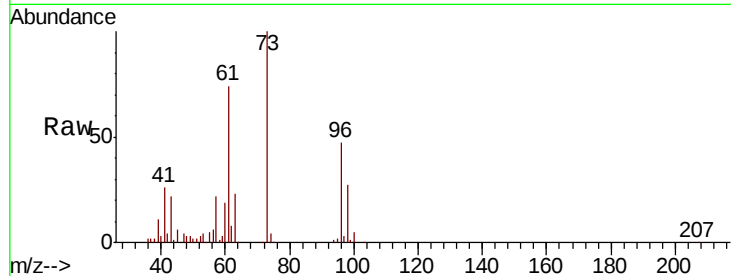




#19
Methyl tert-butyl Ether
Concen: 23.995 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

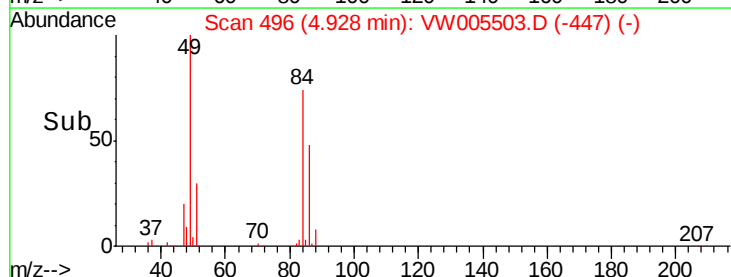
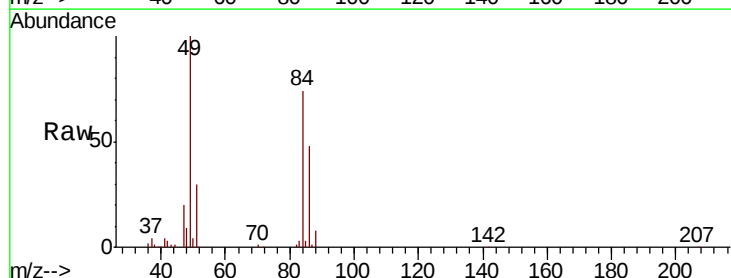
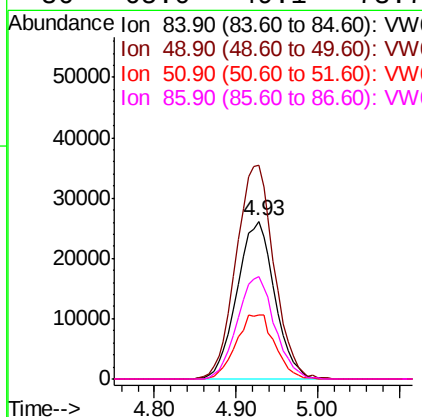
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

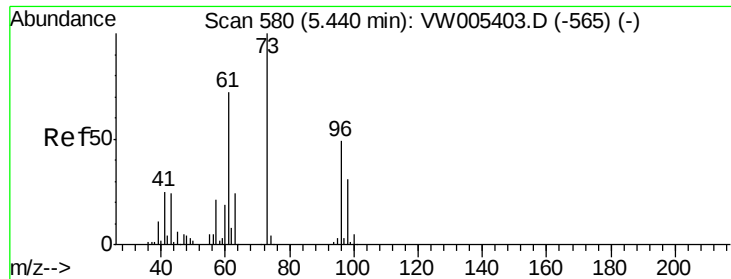
Tgt Ion: 73 Resp: 156330
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0



#20
Methylene Chloride
Concen: 23.124 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 84 Resp: 83702
Ion Ratio Lower Upper
84 100
49 135.2 99.3 148.9
51 40.7 31.1 46.7
86 65.0 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 22.733 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

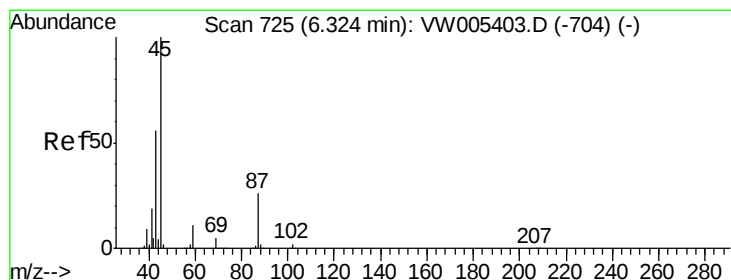
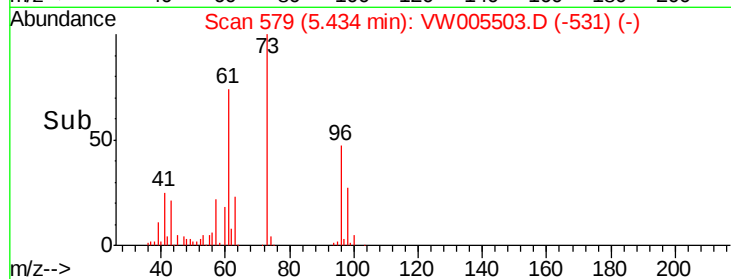
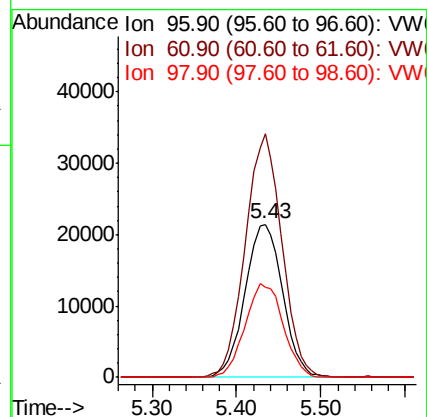
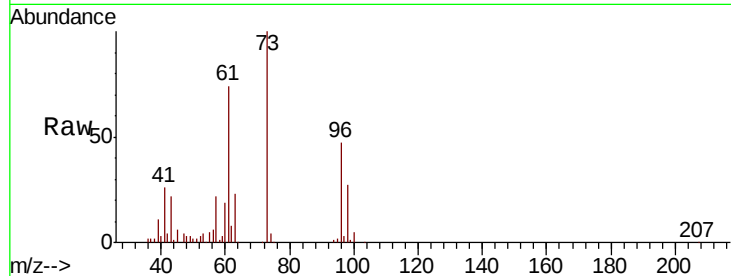
Tgt Ion: 96 Resp: 65137

Ion Ratio Lower Upper

96 100

61 158.9 116.7 175.1

98 58.5 51.0 76.6



#22

Diisopropyl ether

Concen: 26.620 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion: 45 Resp: 233627

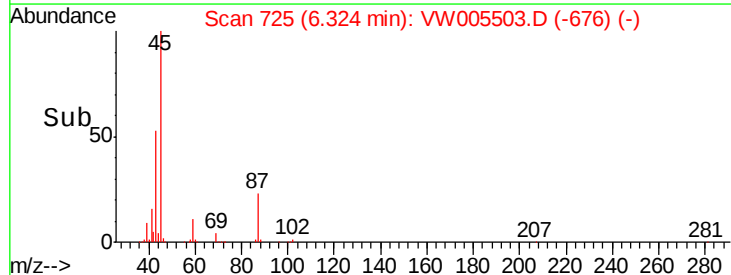
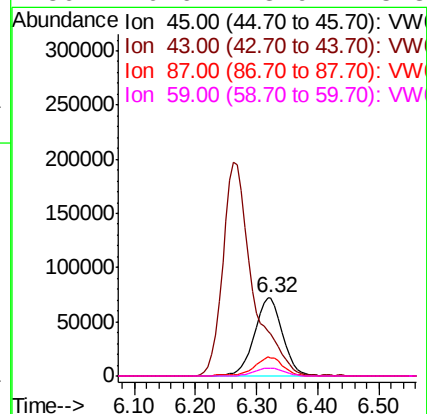
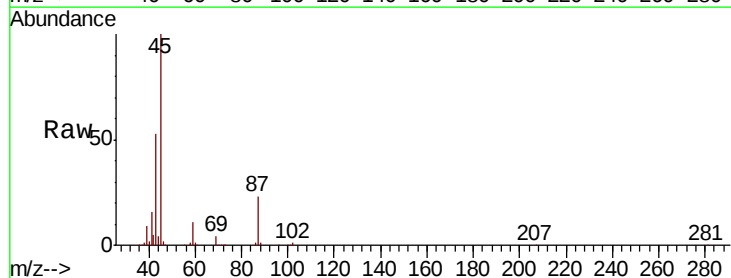
Ion Ratio Lower Upper

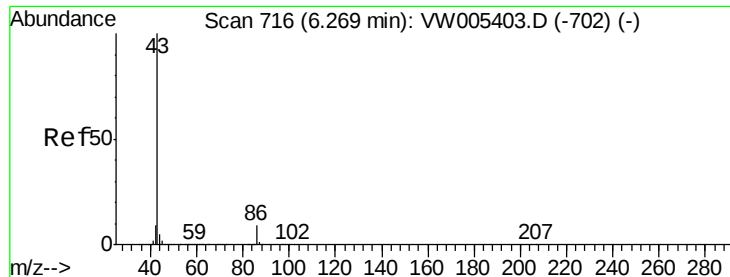
45 100

43 53.3 44.6 67.0

87 23.2 20.6 31.0

59 10.6 8.9 13.3

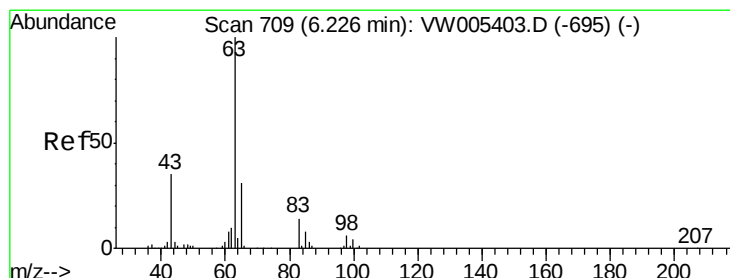
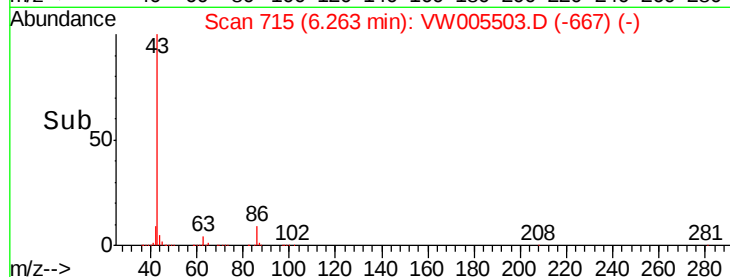
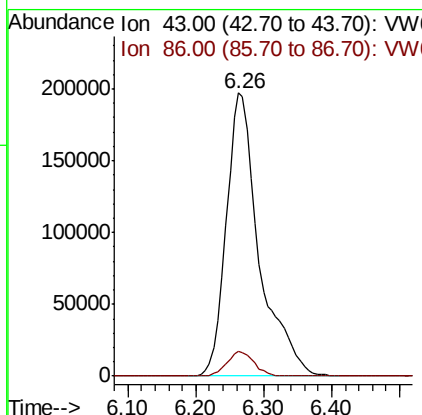
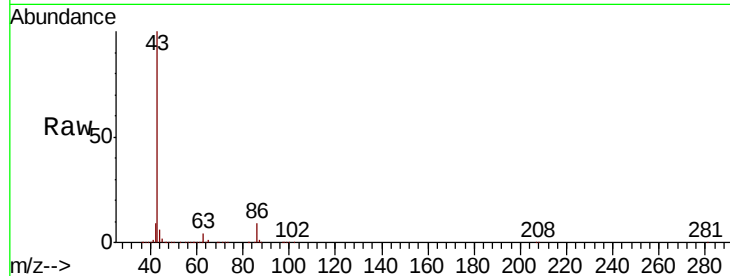




#23
 Vinyl Acetate
 Concen: 132.362 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

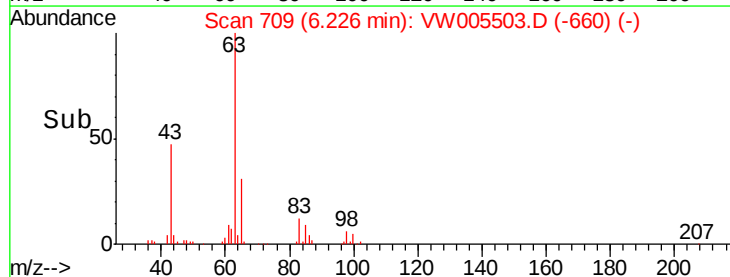
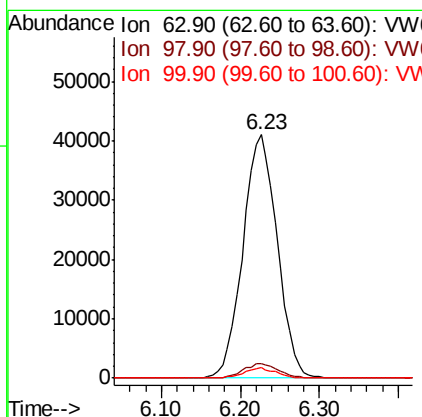
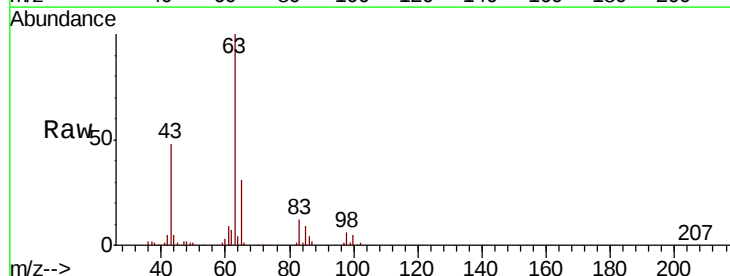
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

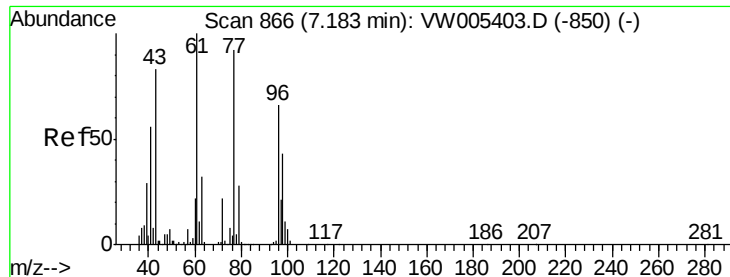
Tgt Ion: 43 Resp: 661946
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 23.258 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 63 Resp: 123871
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 134.736 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

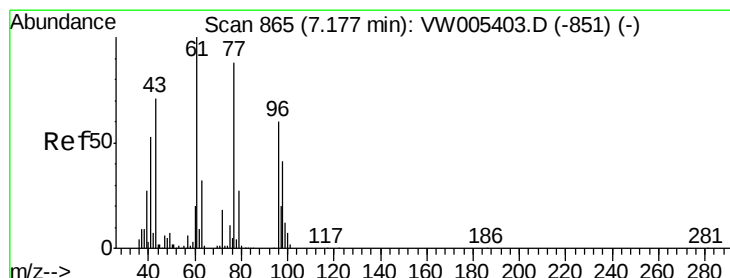
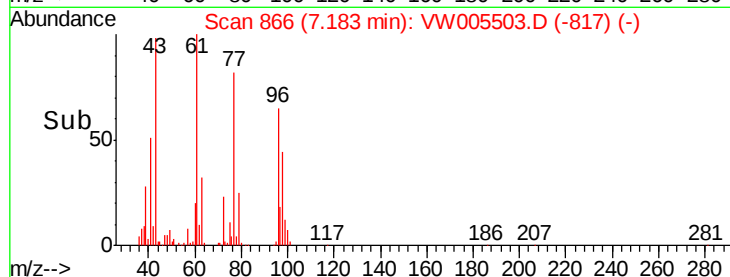
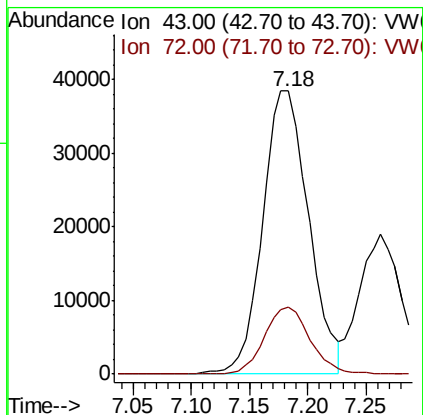
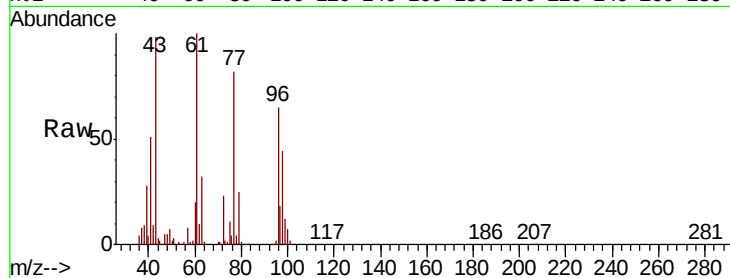
VW0918SBS02

Tgt Ion: 43 Resp: 104333

Ion Ratio Lower Upper

43 100

72 23.8 21.1 31.7



#26

2,2-Dichloropropane

Concen: 20.746 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005503.D

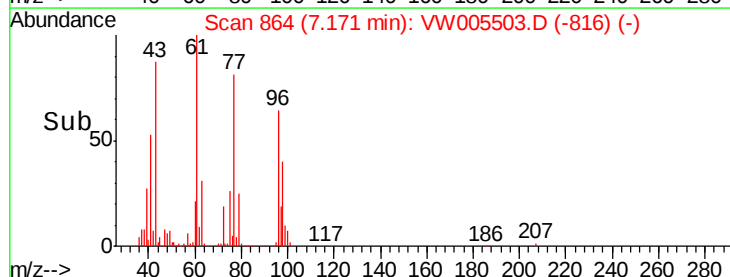
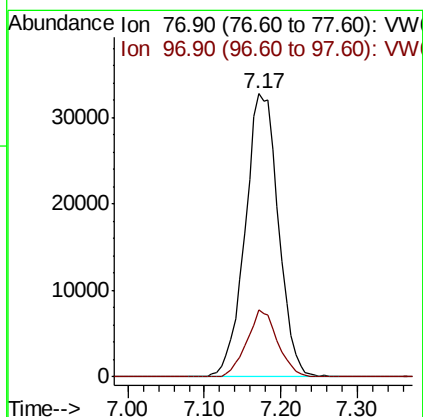
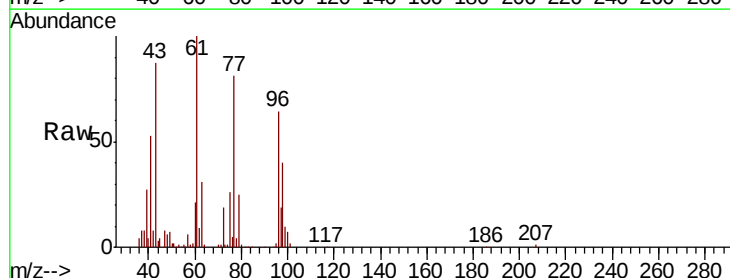
Acq: 19 Sep 2018 03:40

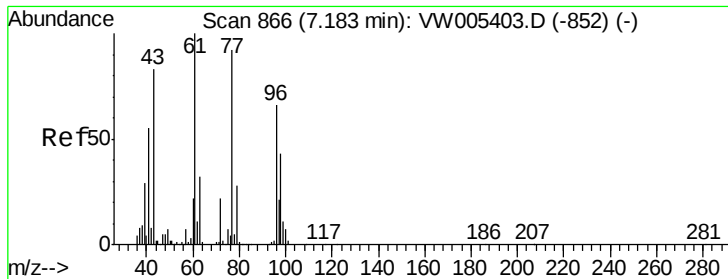
Tgt Ion: 77 Resp: 99112

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1



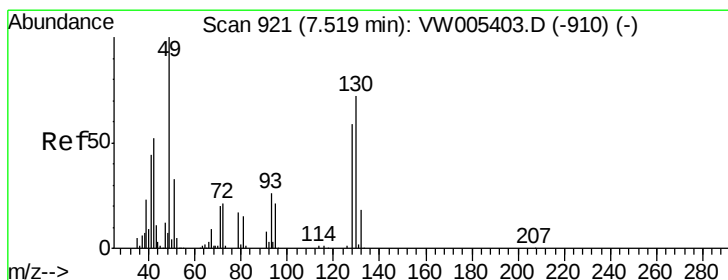
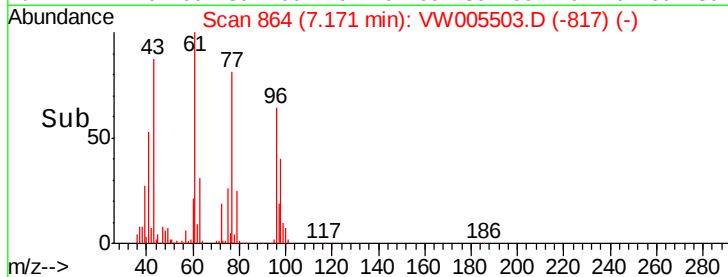
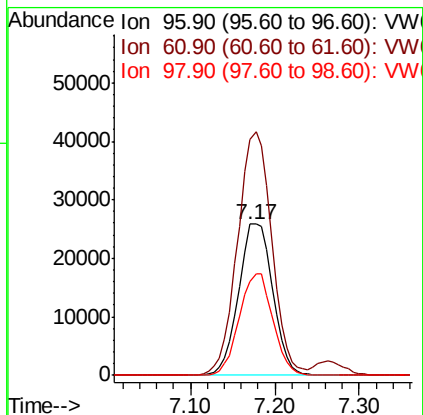
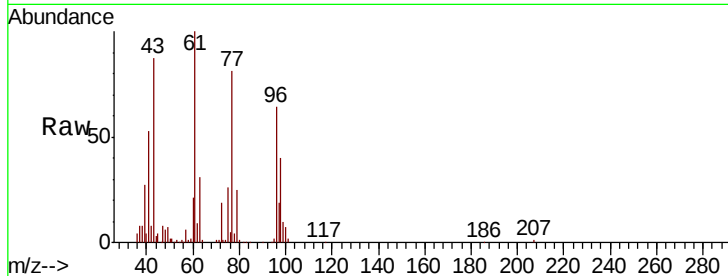


#27

cis-1,2-Dichloroethene
 Concen: 22.798 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

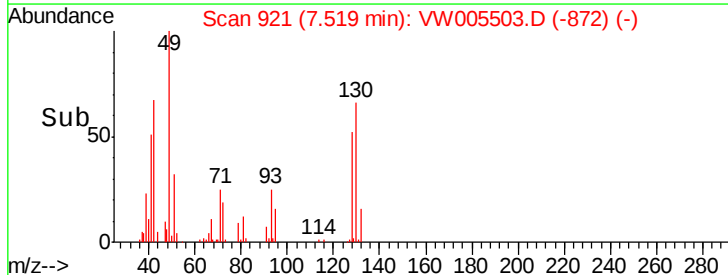
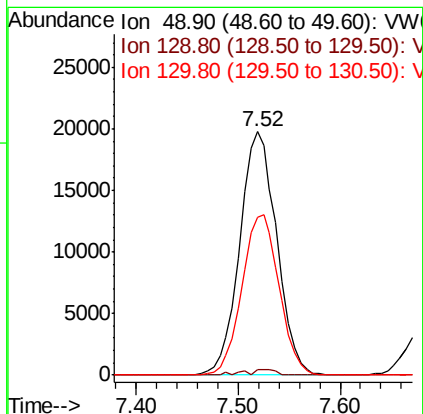
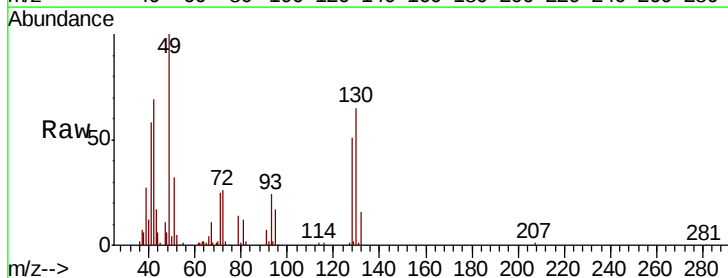
Tgt Ion: 96 Resp: 71058
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 316.0
 98 65.6 0.0 130.8

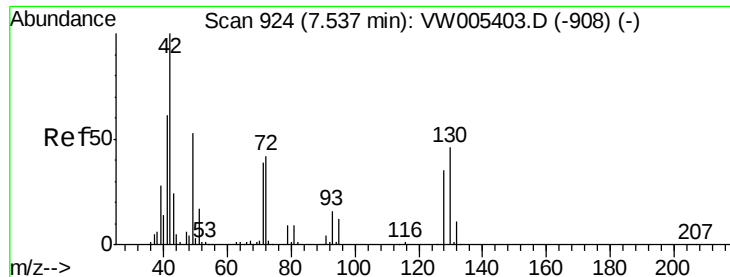


#28

Bromochloromethane
 Concen: 23.976 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 49 Resp: 49666
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 1.0#
 130 66.3 61.4 92.2

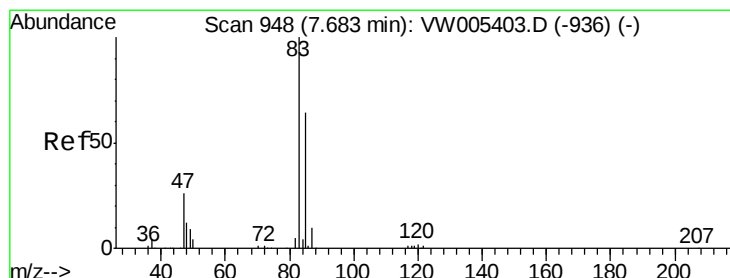
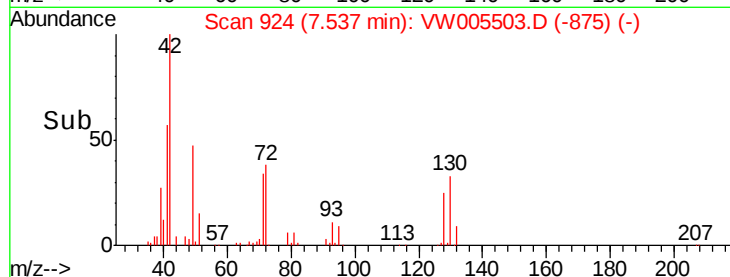
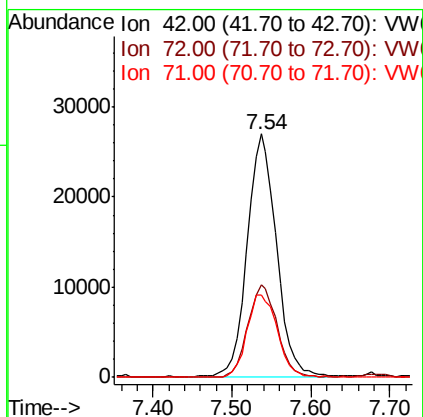
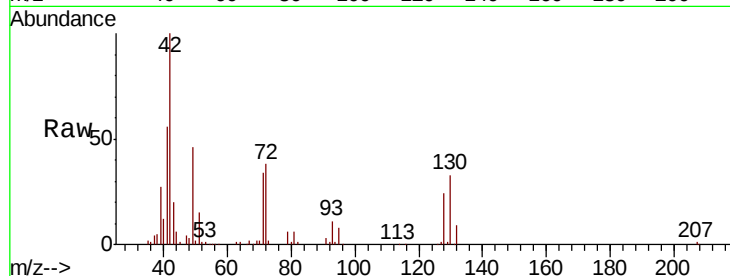




#29
Tetrahydrofuran
Concen: 141.816 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

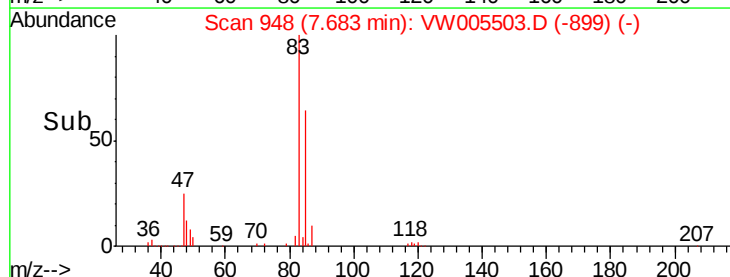
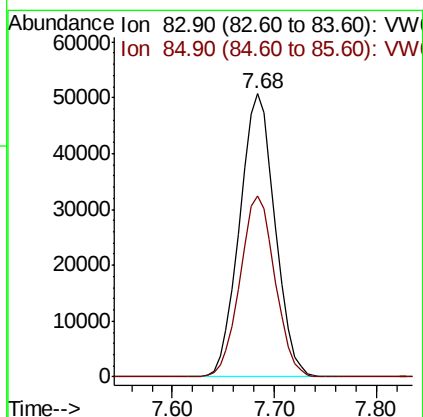
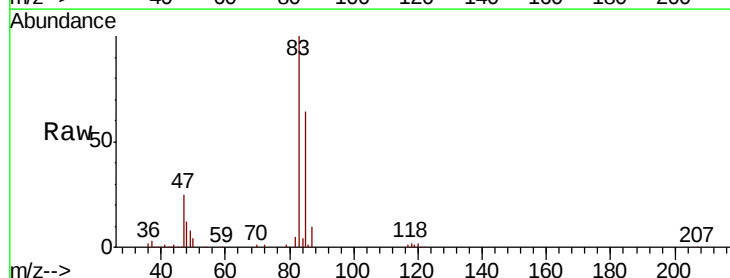
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

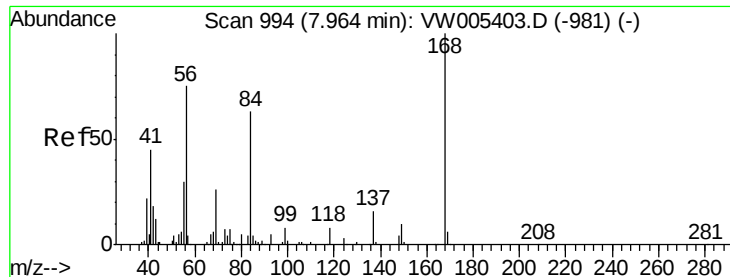
Tgt Ion: 42 Resp: 69959
Ion Ratio Lower Upper
42 100
72 37.8 33.2 49.8
71 35.3 31.0 46.6



#30
Chloroform
Concen: 22.124 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 83 Resp: 122016
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3

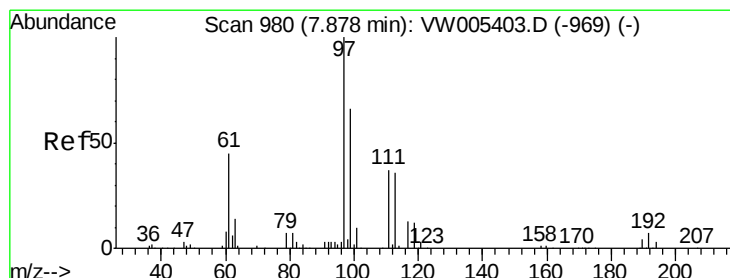
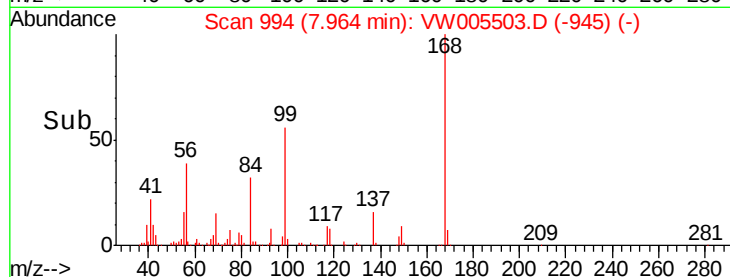
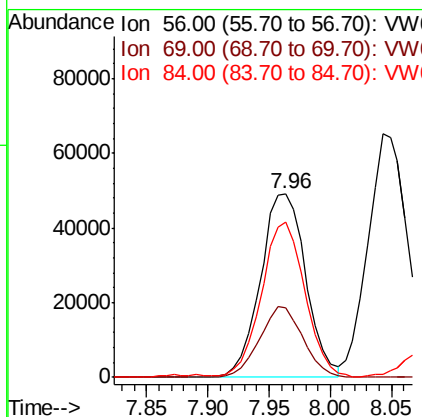
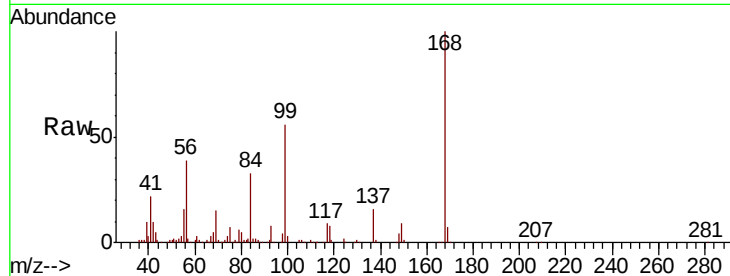




#31
Cyclohexane
Concen: 24.739 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

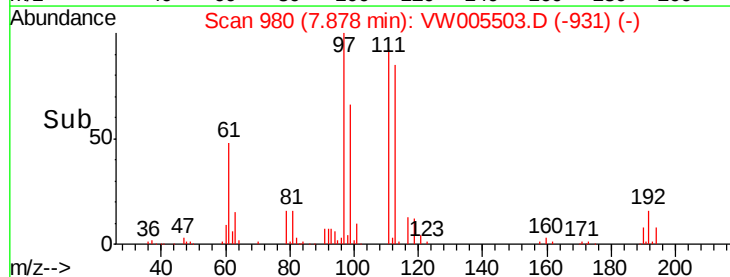
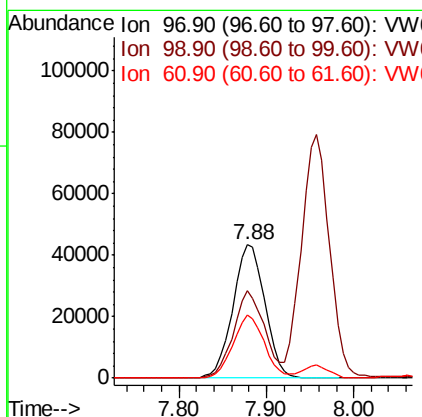
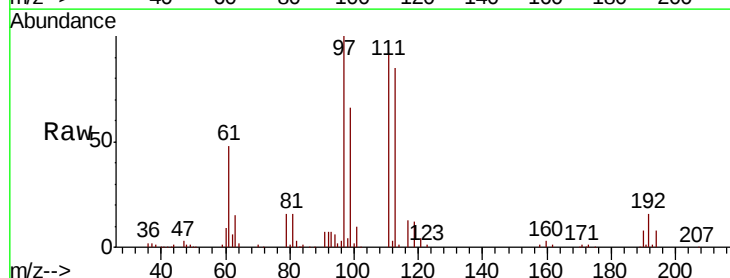
Instrument :
MSVOA_W
ClientSampled :
VW0918SBS02

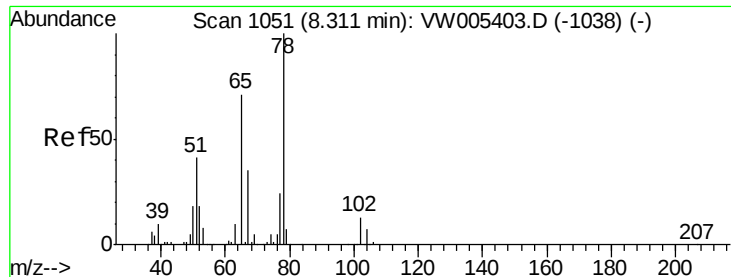
Tgt Ion: 56 Resp: 127105
Ion Ratio Lower Upper
56 100
69 37.9 27.2 40.8
84 83.1 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 21.551 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 97 Resp: 110522
Ion Ratio Lower Upper
97 100
99 63.0 51.5 77.3
61 46.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 50.993 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

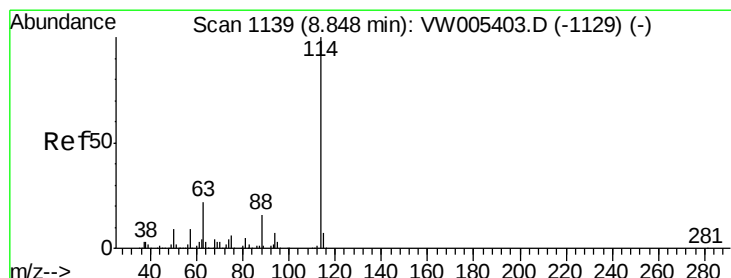
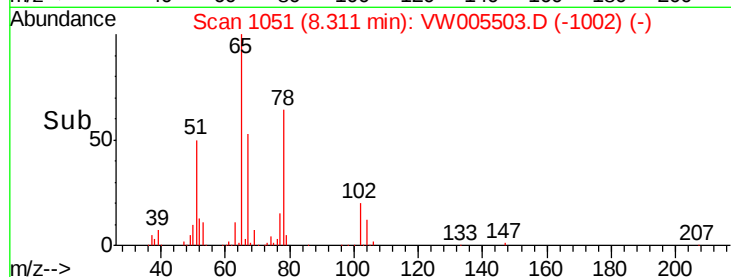
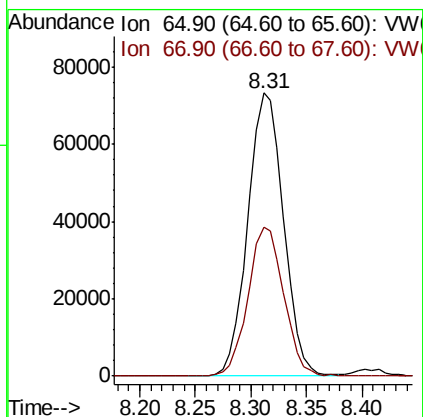
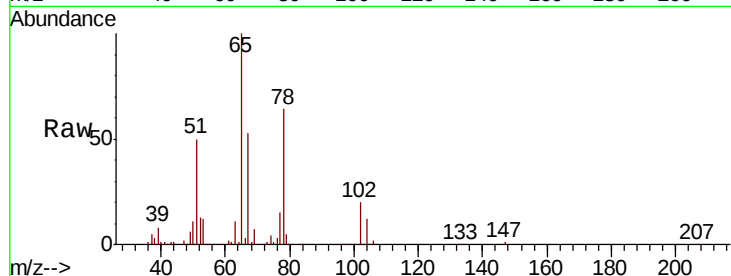
VW0918SBSD02

Tgt Ion: 65 Resp: 164147

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

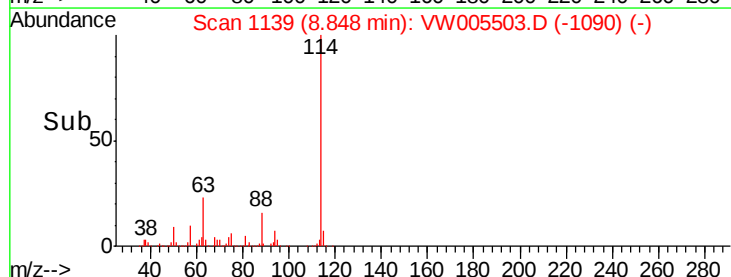
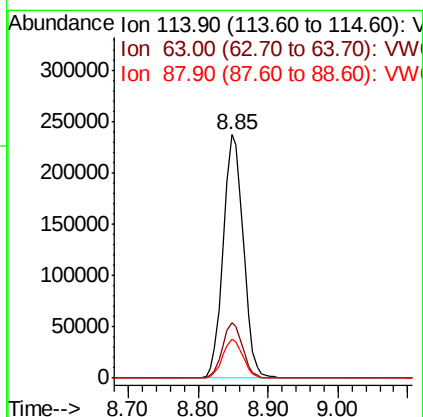
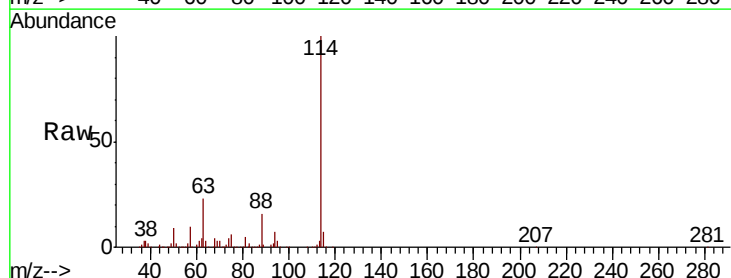
Tgt Ion: 114 Resp: 476309

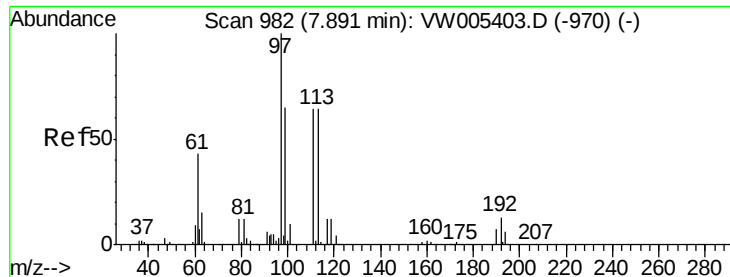
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 15.8 0.0 31.8

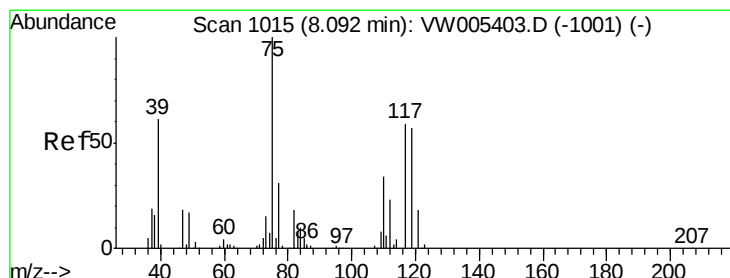
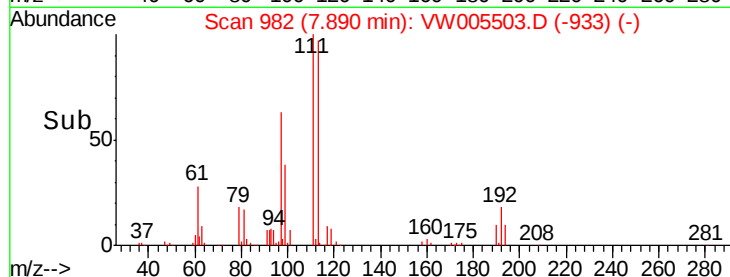
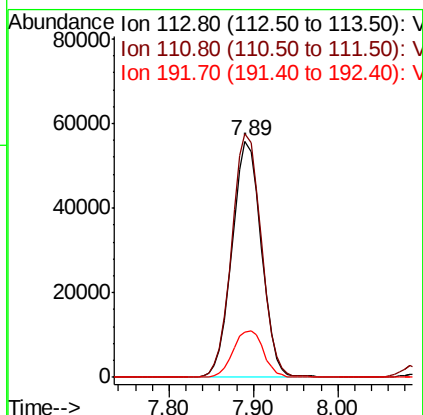
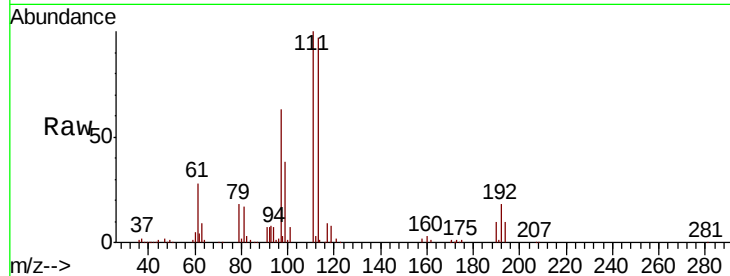




#35
 Dibromofluoromethane
 Concen: 48.929 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

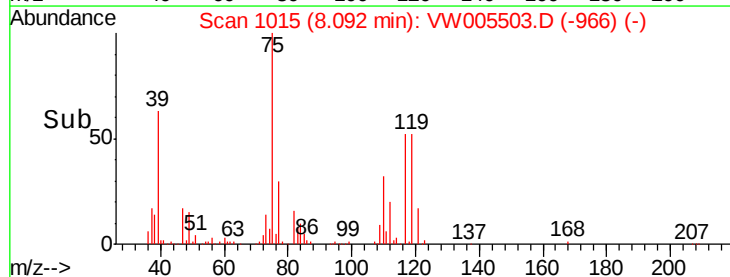
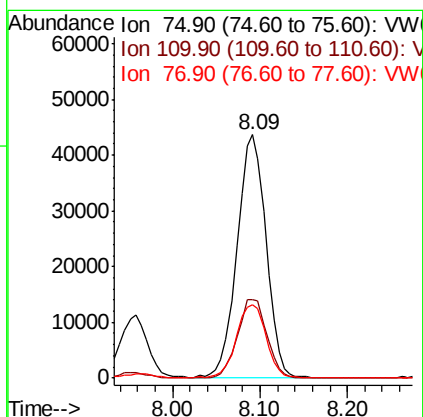
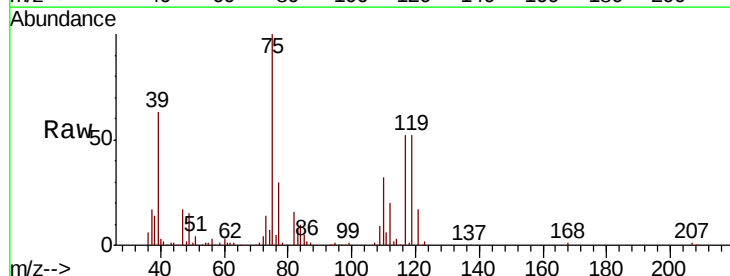
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

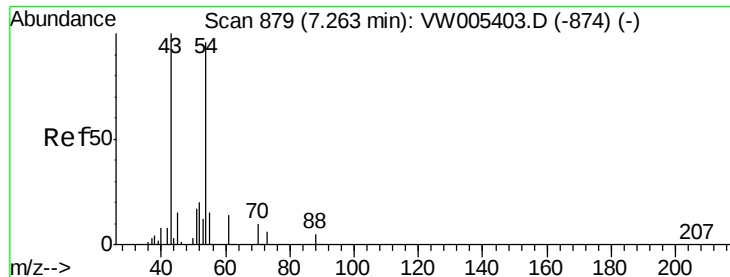
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	20.5	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 22.333 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.8	50.4
77	31.2	24.2	36.4

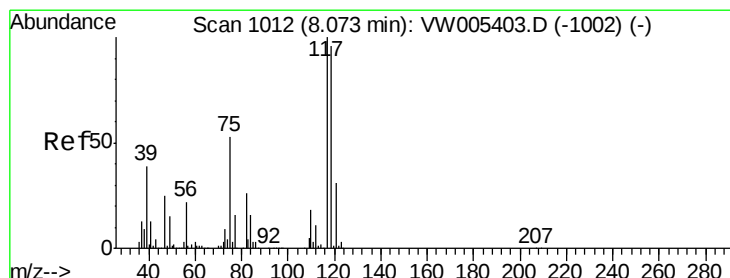
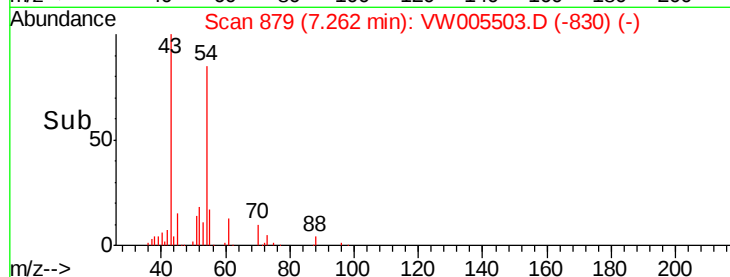
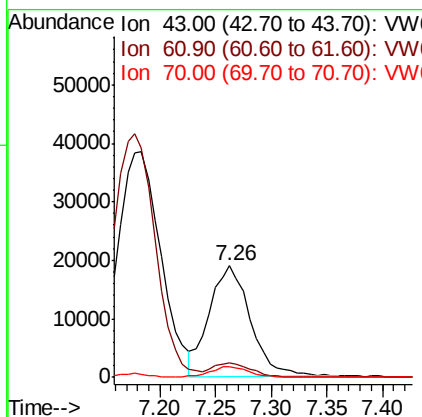
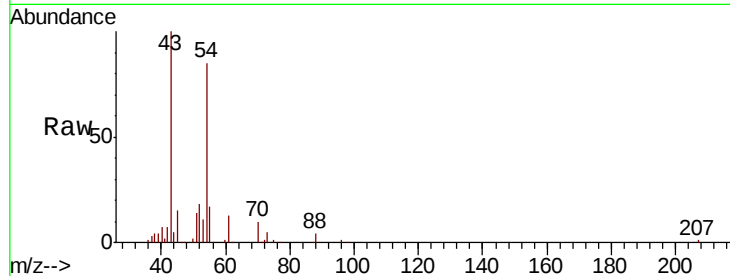




#37
 Ethyl Acetate
 Concen: 26.466 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

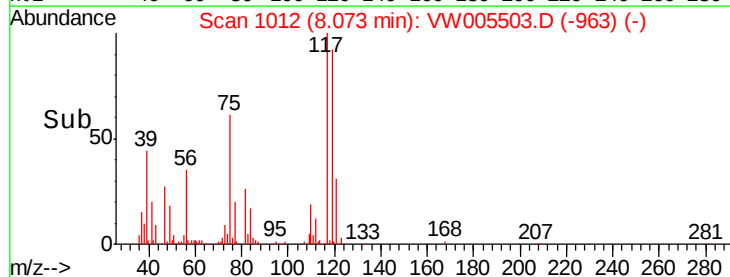
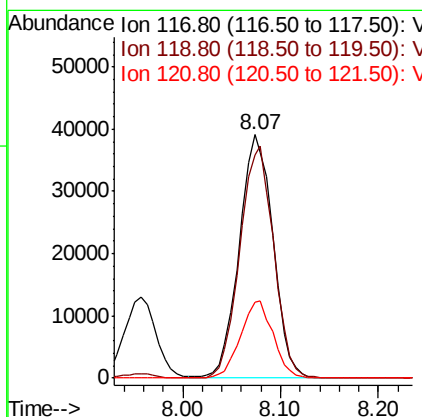
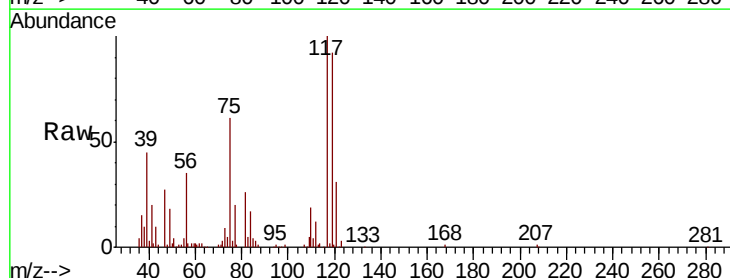
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

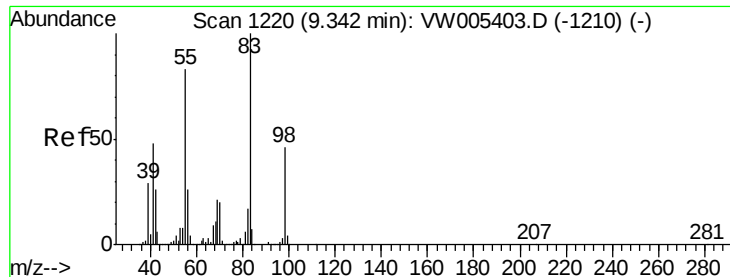
Tgt Ion: 43 Resp: 48516
 Ion Ratio Lower Upper
 43 100
 61 12.4 11.3 16.9
 70 9.4 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 20.081 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 117 Resp: 94323
 Ion Ratio Lower Upper
 117 100
 119 91.8 76.8 115.2
 121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 22.163 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

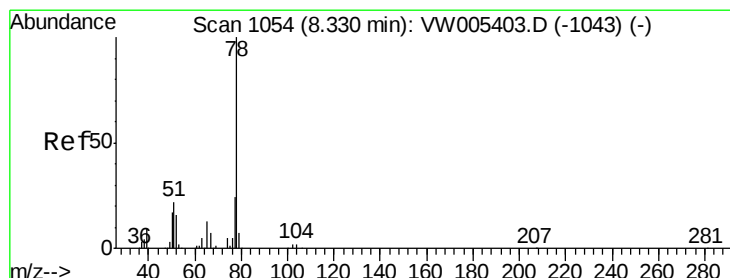
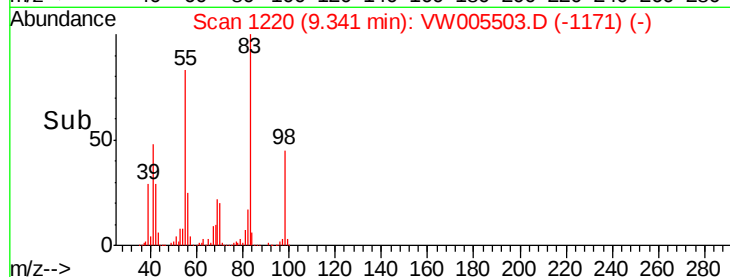
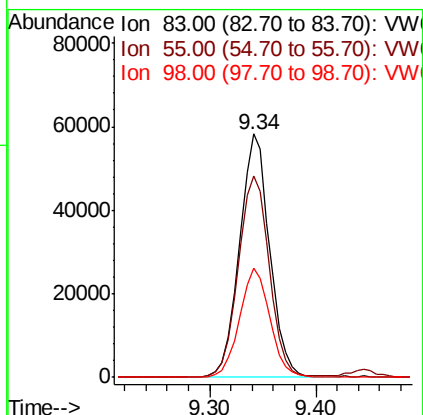
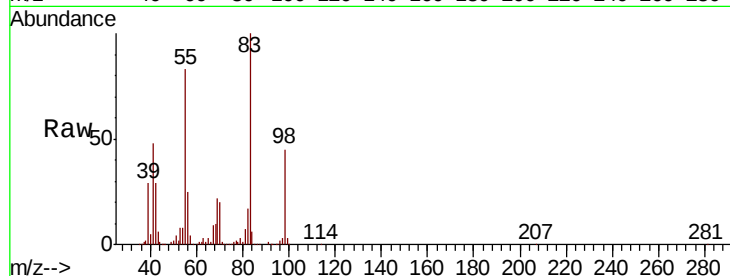
Tgt Ion: 83 Resp: 116089

Ion Ratio Lower Upper

83 100

55 82.8 66.1 99.1

98 44.7 36.7 55.1



#40

Benzene

Concen: 21.950 ug/l

RT: 8.34 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VW005503.D

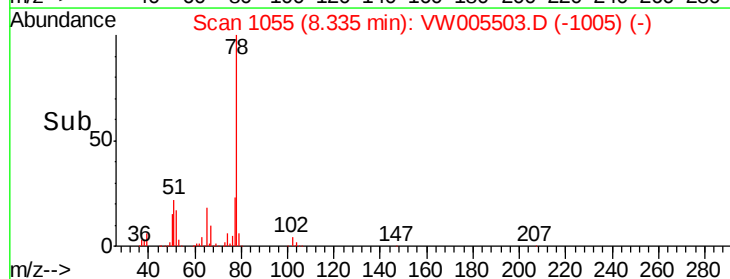
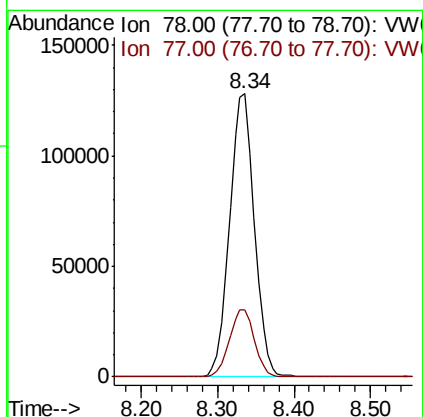
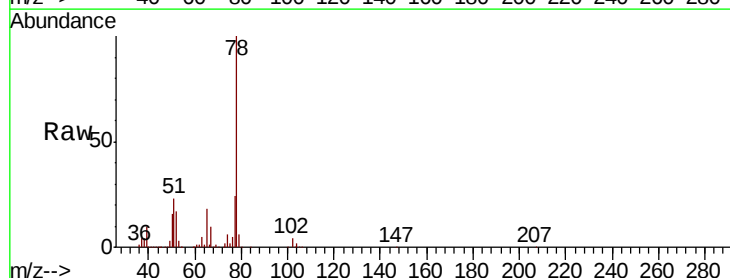
Acq: 19 Sep 2018 03:40

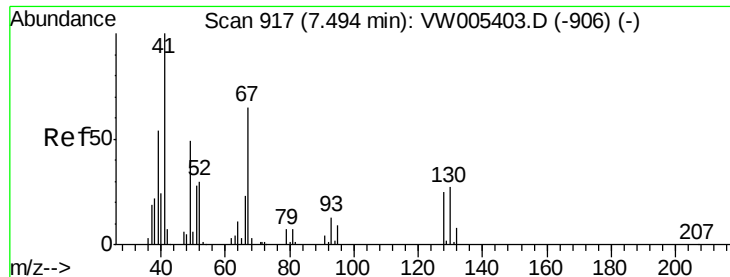
Tgt Ion: 78 Resp: 286614

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

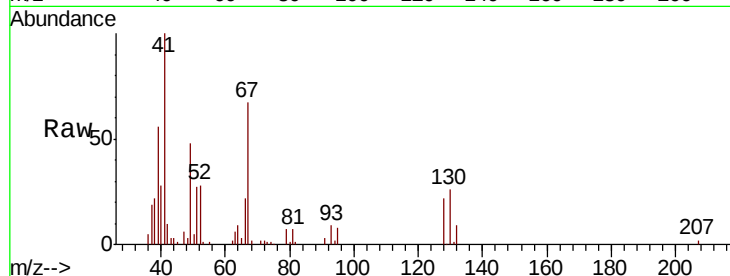




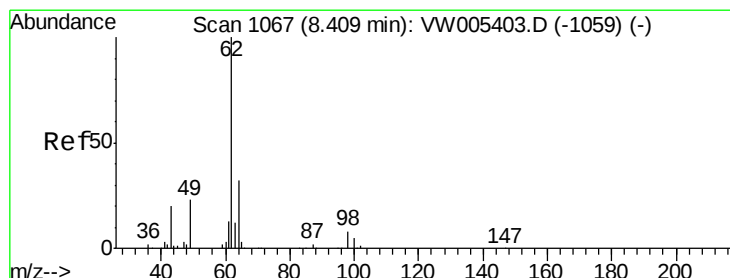
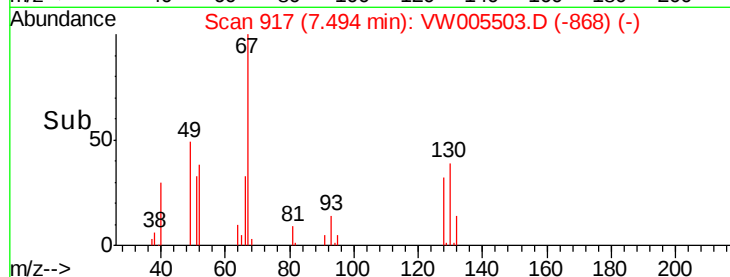
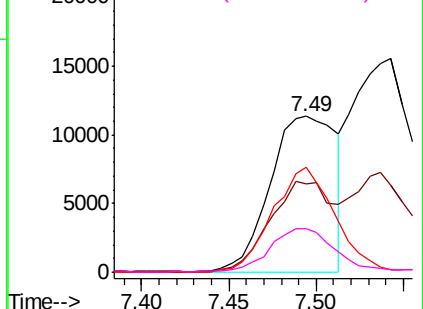
#41
Methacrylonitrile
Concen: 27.028 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tgt Ion:	41	Resp:	29892
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.6	67.0
67	64.2	53.6	80.4
52	28.4	24.9	37.3

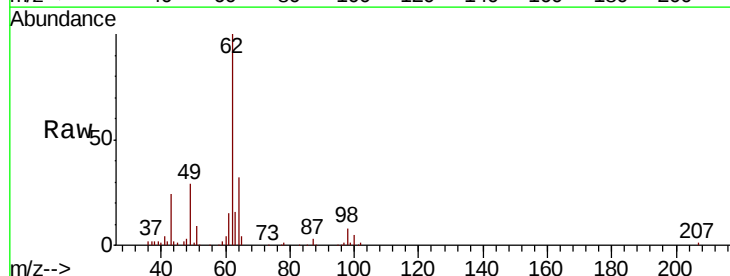


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

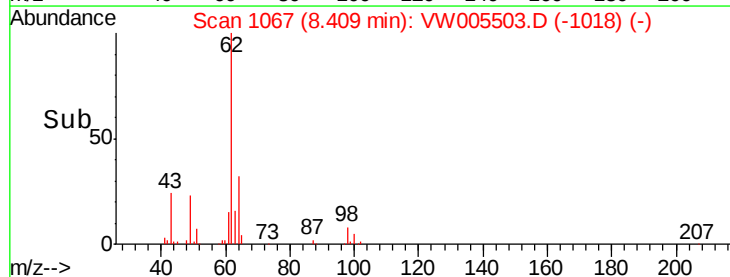
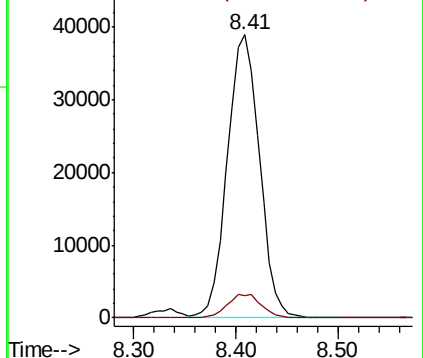


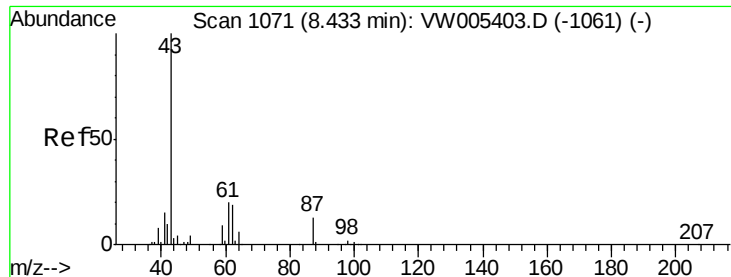
#42
1,2-Dichloroethane
Concen: 20.830 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion:	62	Resp:	85133
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 25.008 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

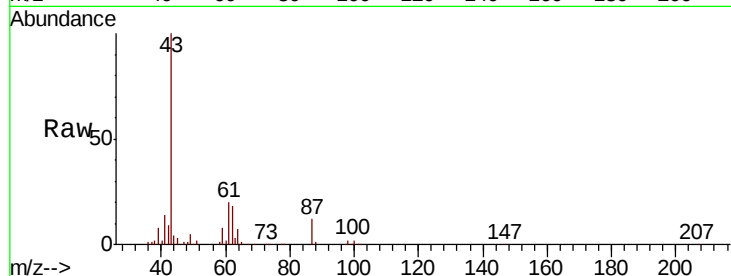
Tgt Ion: 43 Resp: 89467

Ion Ratio Lower Upper

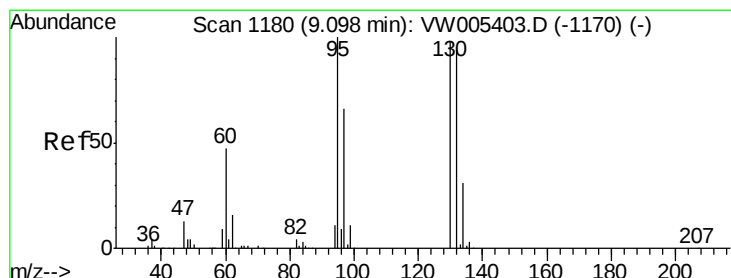
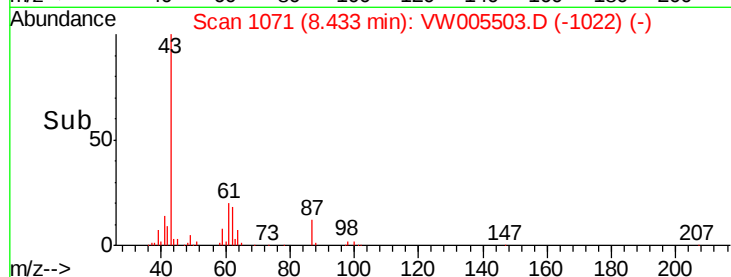
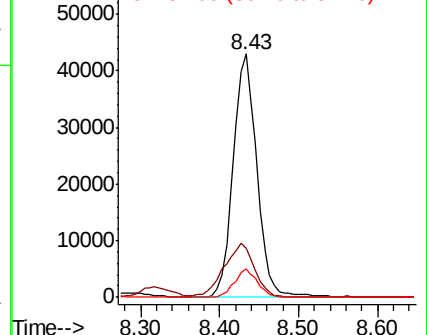
43 100

61 28.7 23.8 35.6

87 11.4 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: 21.139 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005503.D

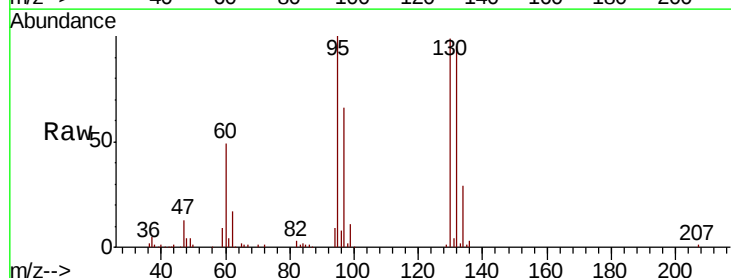
Acq: 19 Sep 2018 03:40

Tgt Ion: 130 Resp: 71046

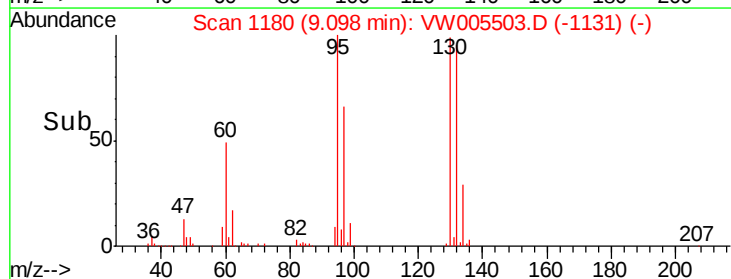
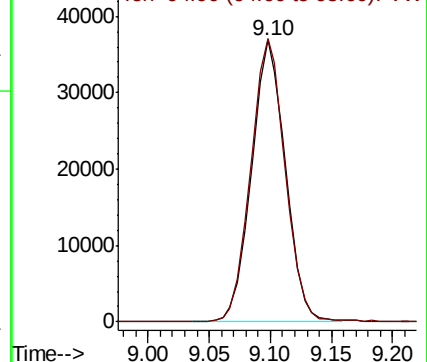
Ion Ratio Lower Upper

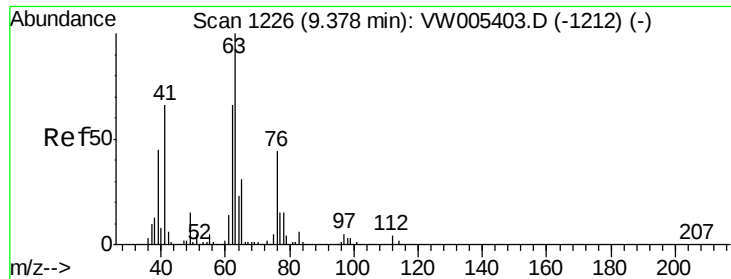
130 100

95 100.5 0.0 204.6



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

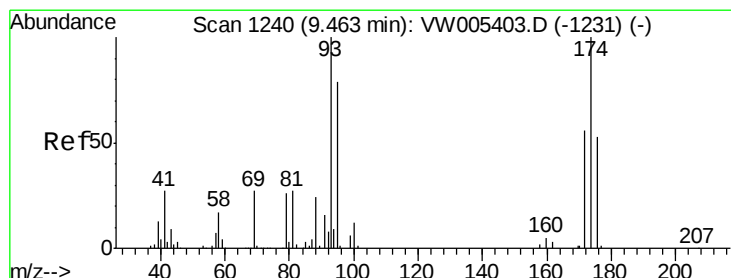
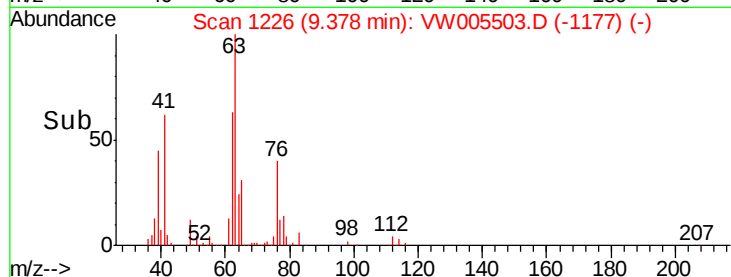
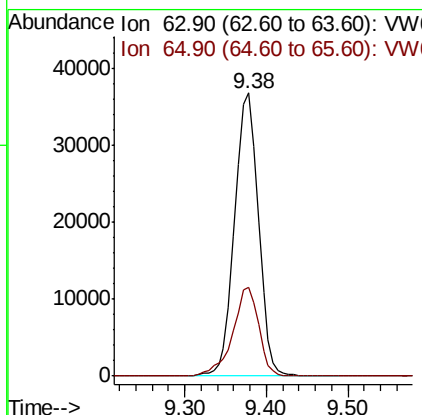
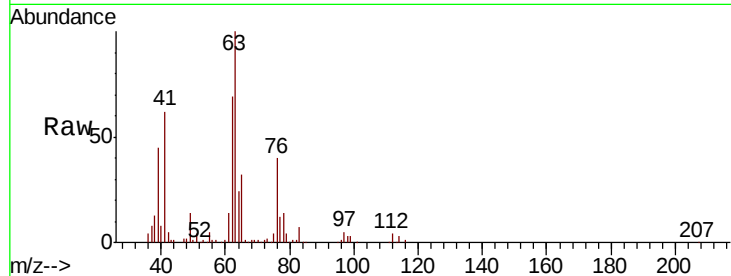




#45
 1,2-Dichloropropane
 Concen: 23.791 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

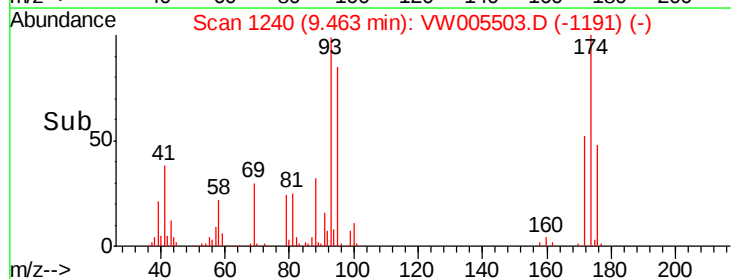
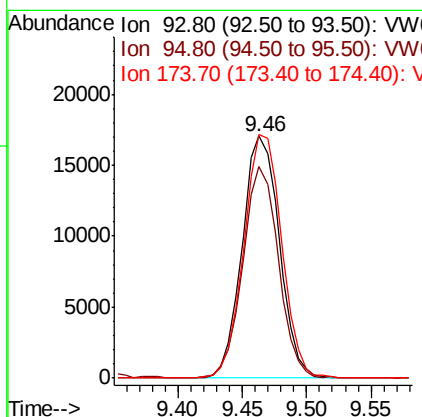
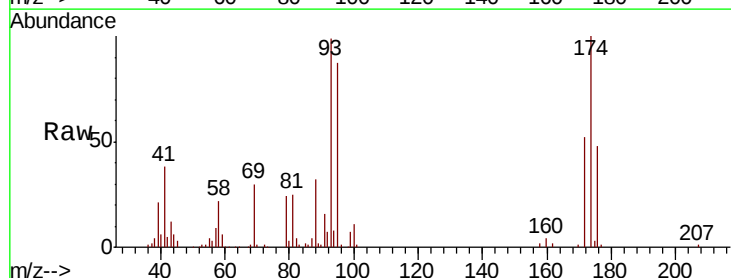
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

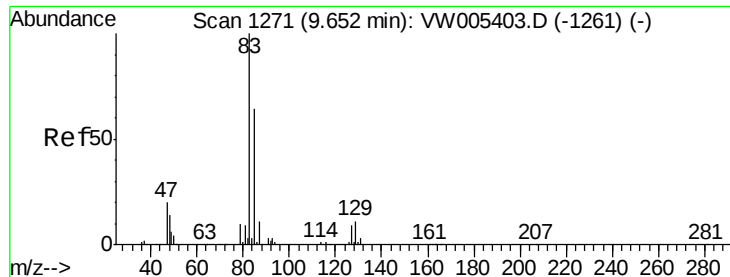
Tgt Ion: 63 Resp: 74224
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 22.238 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 93 Resp: 34128
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.4 98.0
 174 101.9 83.4 125.2





#47

Bromodichloromethane

Concen: 21.861 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

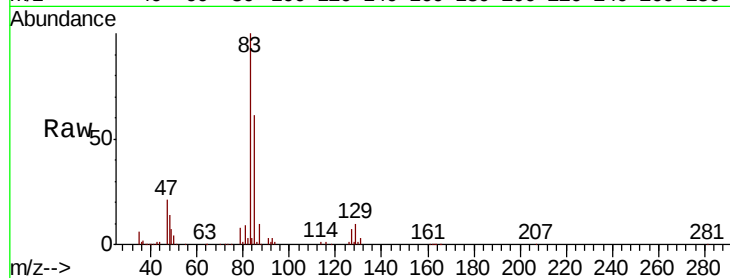
Tgt Ion: 83 Resp: 90900

Ion Ratio Lower Upper

83 100

85 60.7 50.9 76.3

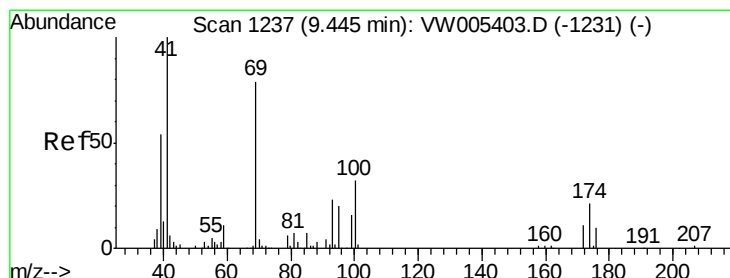
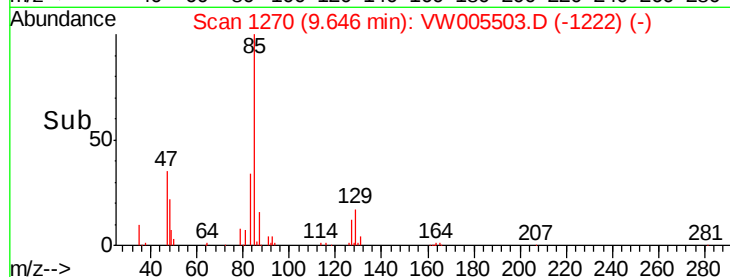
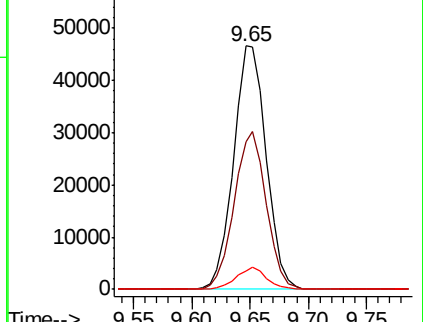
127 7.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 24.985 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

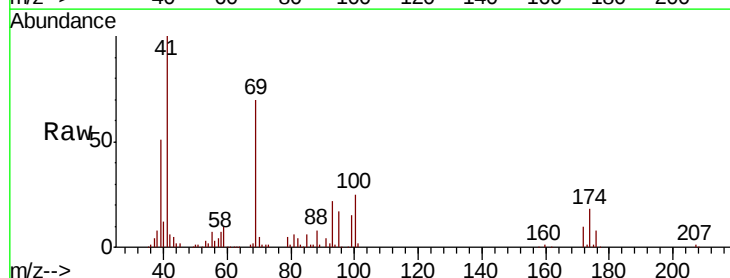
Tgt Ion: 41 Resp: 44608

Ion Ratio Lower Upper

41 100

69 79.9 67.5 101.3

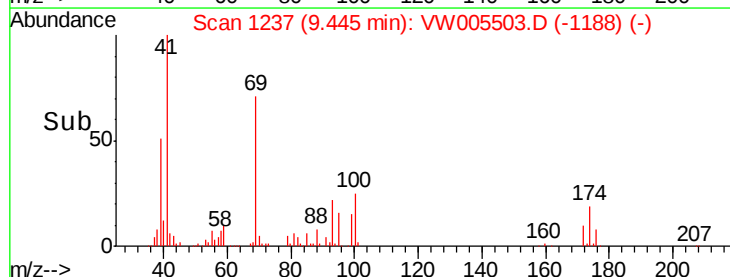
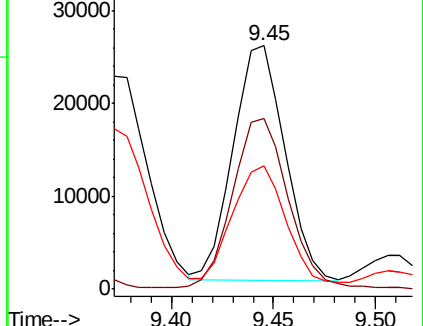
39 57.3 45.5 68.3

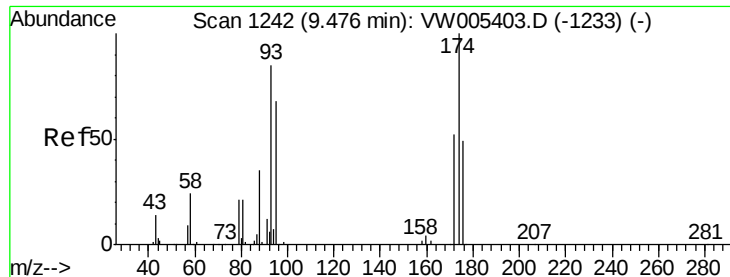


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 463.698 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

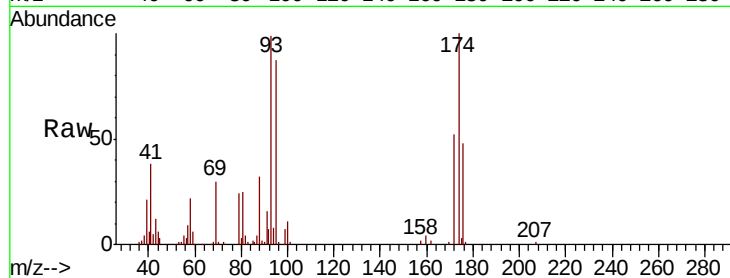
Tgt Ion: 88 Resp: 11861

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.3 62.4 93.6

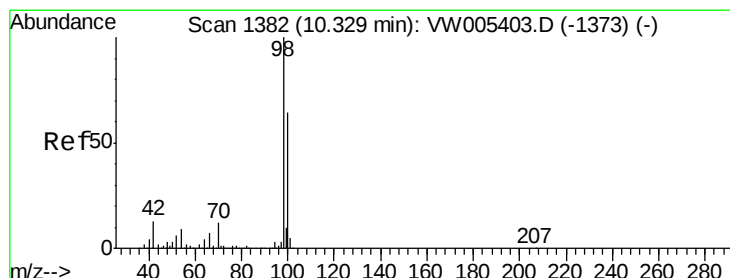
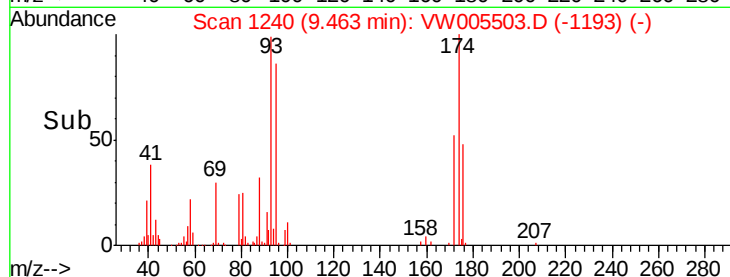
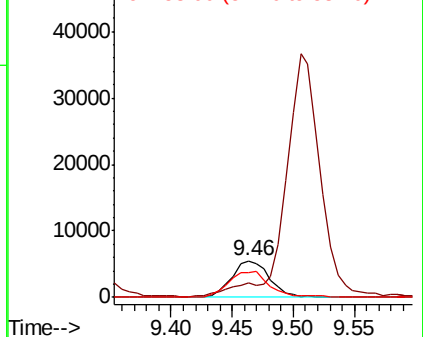


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005503.D

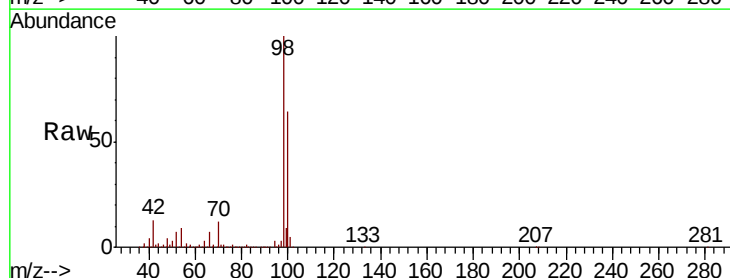
Acq: 19 Sep 2018 03:40

Tgt Ion: 98 Resp: 621789

Ion Ratio Lower Upper

98 100

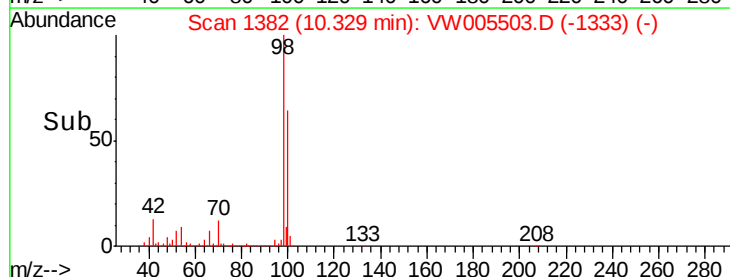
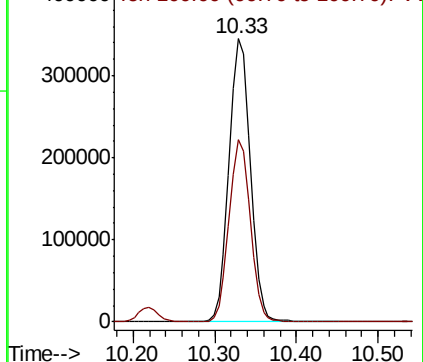
100 64.3 51.4 77.0

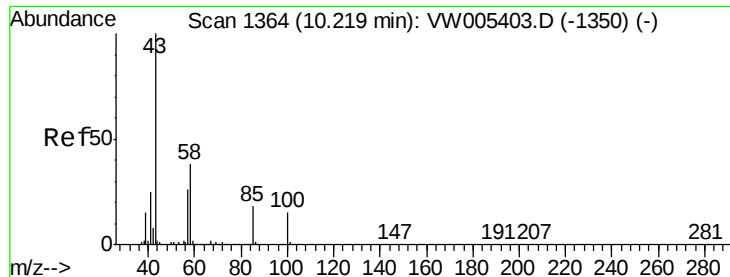


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 128.074 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

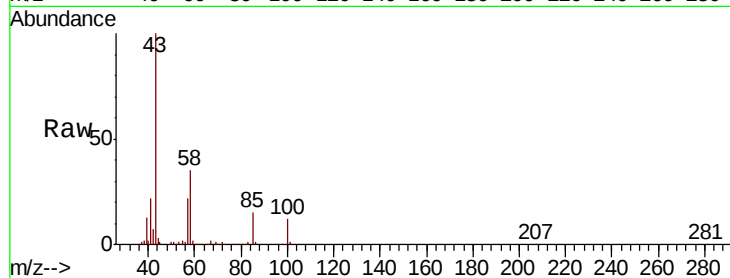
VW0918SBSD02

Tgt Ion: 43 Resp: 235869

Ion Ratio Lower Upper

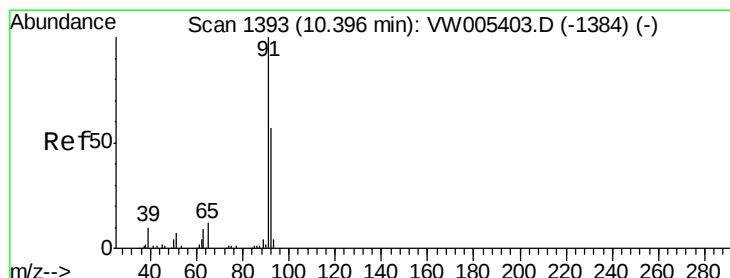
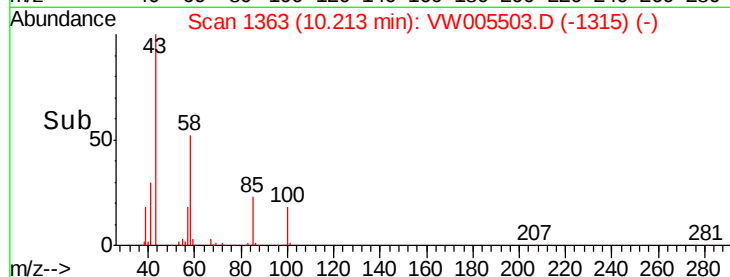
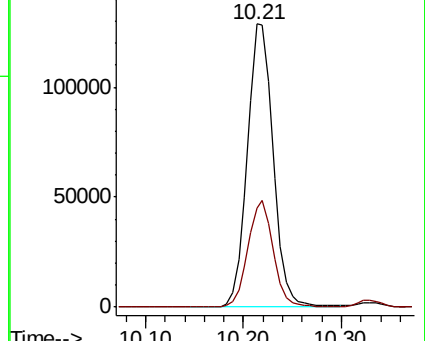
43 100

58 36.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.793 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005503.D

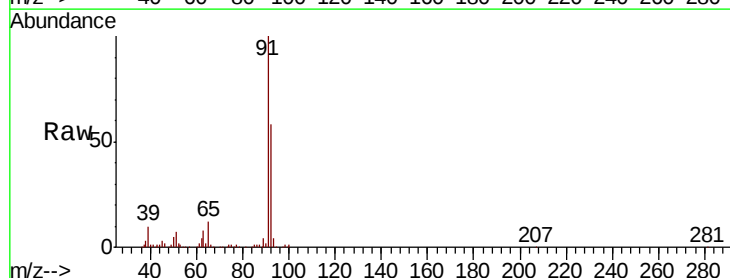
Acq: 19 Sep 2018 03:40

Tgt Ion: 92 Resp: 192711

Ion Ratio Lower Upper

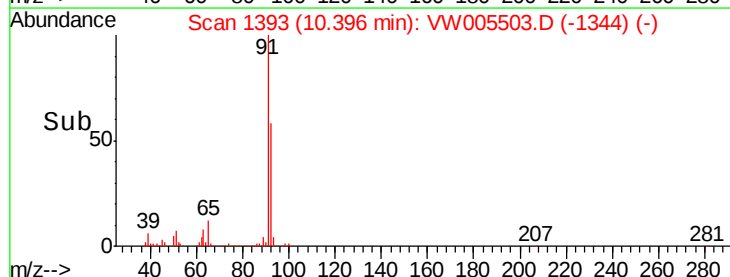
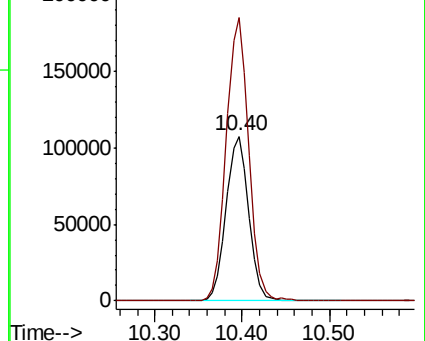
92 100

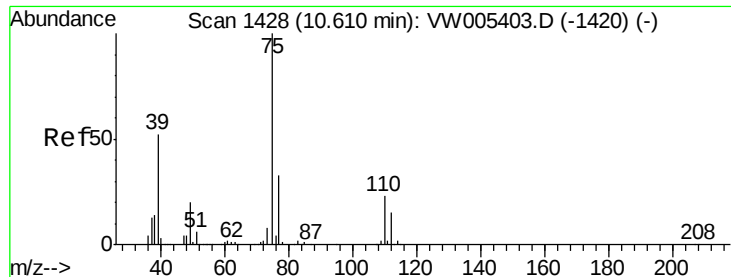
91 171.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

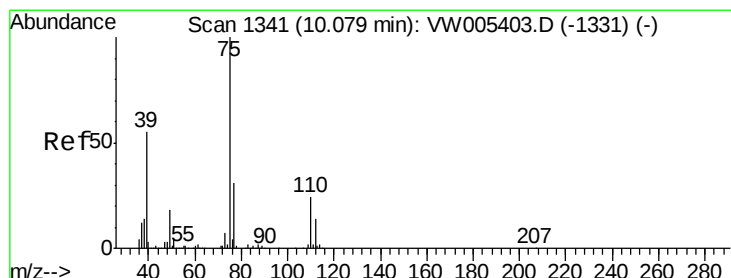
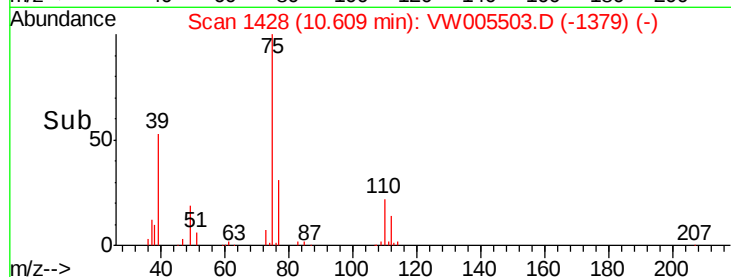
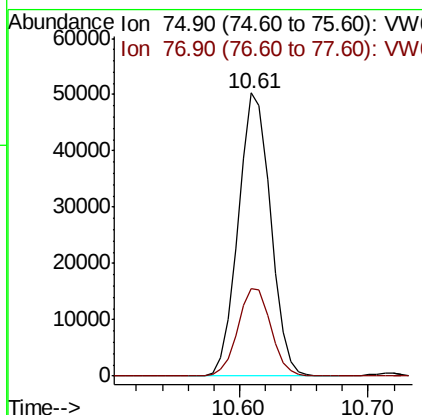
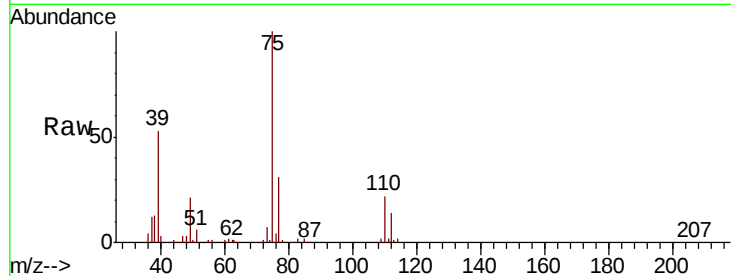




#53
t-1,3-Dichloropropene
Concen: 21.018 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

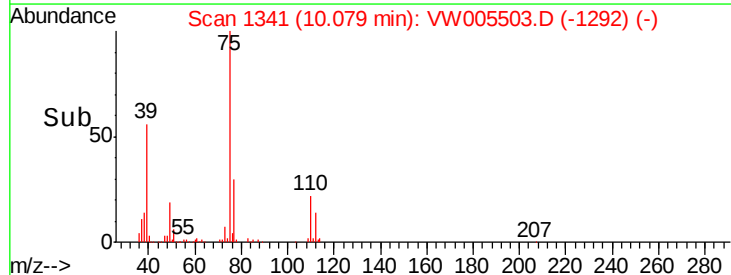
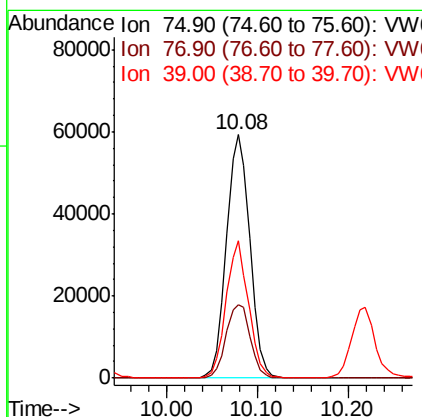
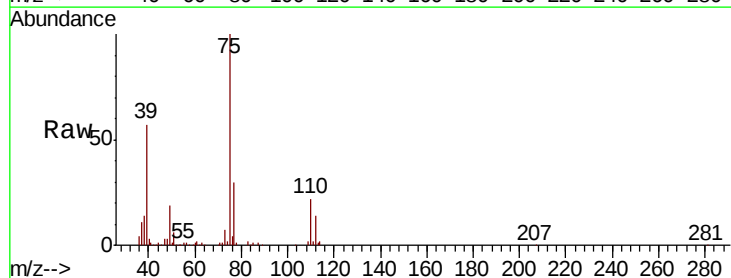
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

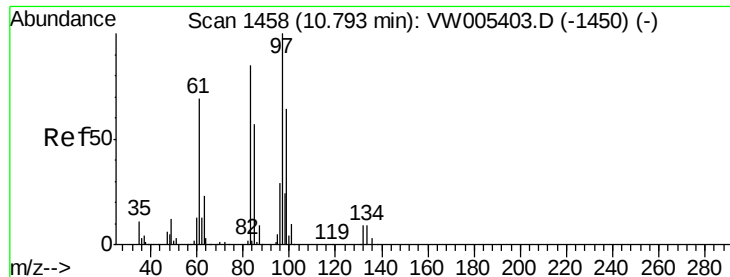
Tgt Ion: 75 Resp: 87465
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 22.580 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 75 Resp: 106391
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4
39 56.4 44.2 66.2

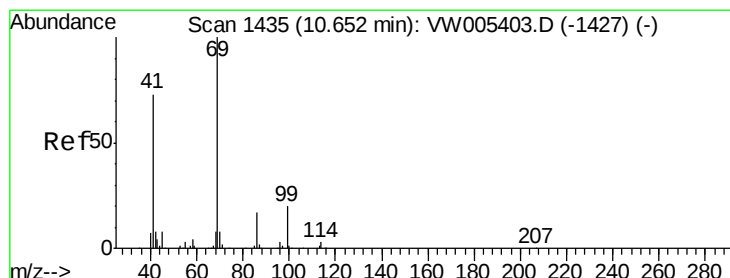
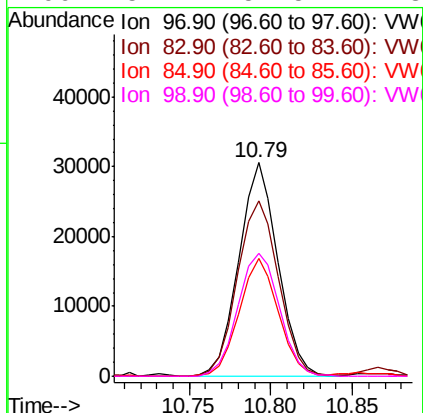
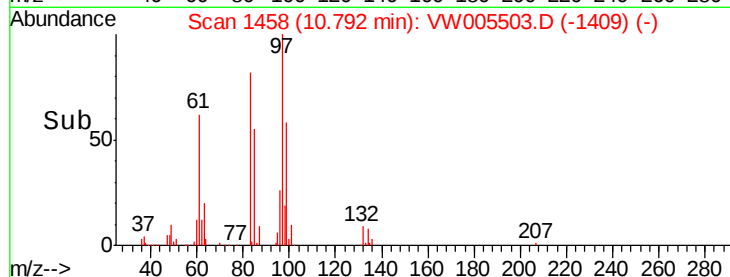
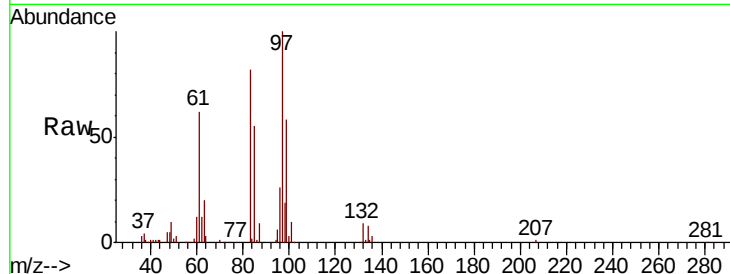




#55
 1,1,2-Trichloroethane
 Concen: 22.257 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

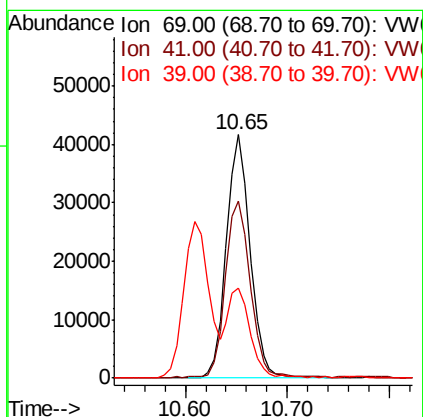
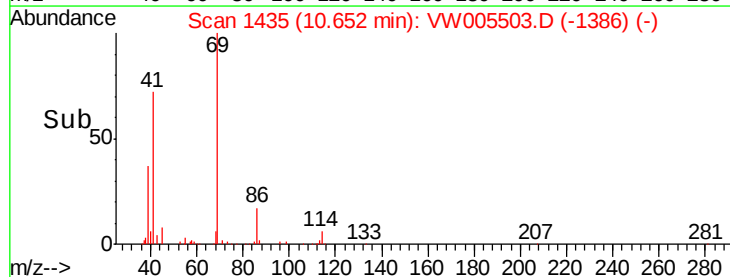
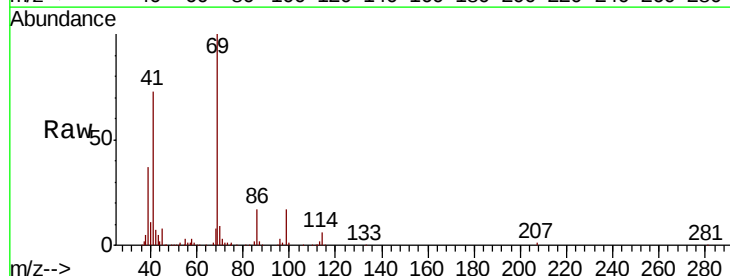
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

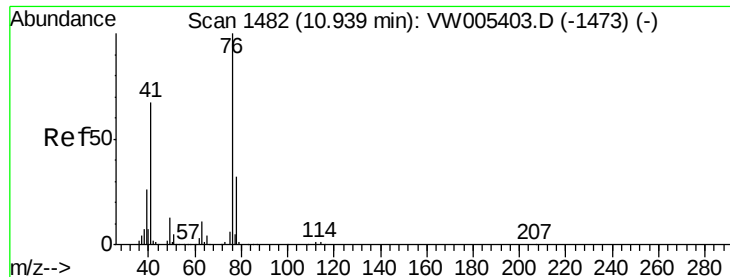
Tgt Ion:	97	Resp:	50767
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.8	101.8
85	54.9	45.4	68.0
99	57.7	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 23.287 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion:	69	Resp:	67233
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.3	88.9
39	35.7	30.2	45.4





#57

1,3-Dichloropropane

Concen: 22.831 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

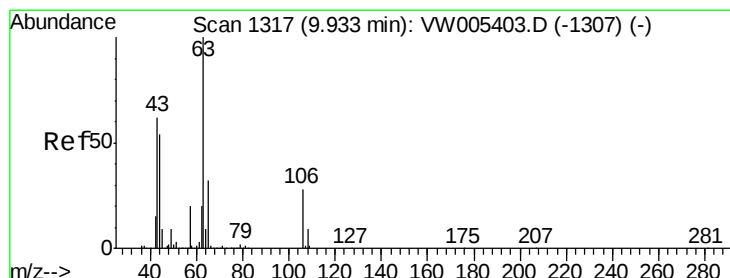
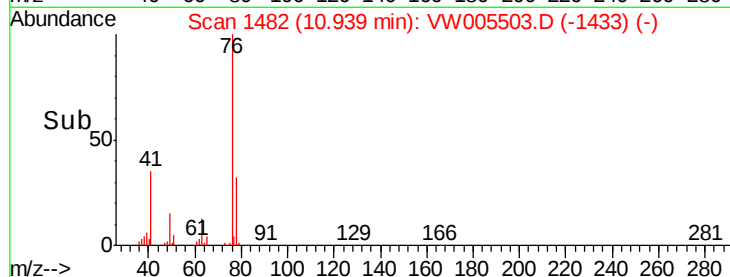
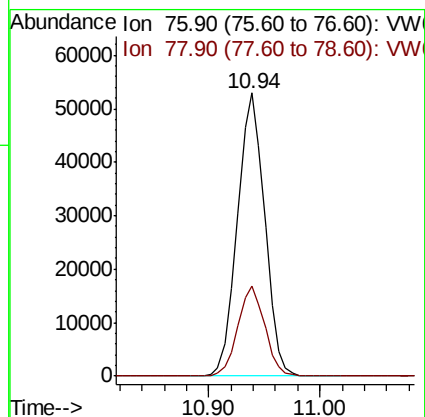
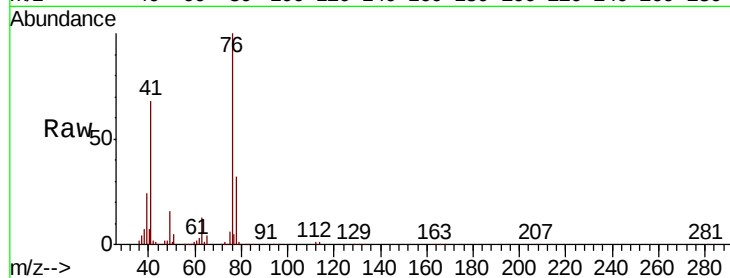
VW0918SBSD02

Tgt Ion: 76 Resp: 89892

Ion Ratio Lower Upper

76 100

78 31.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 120.869 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005503.D

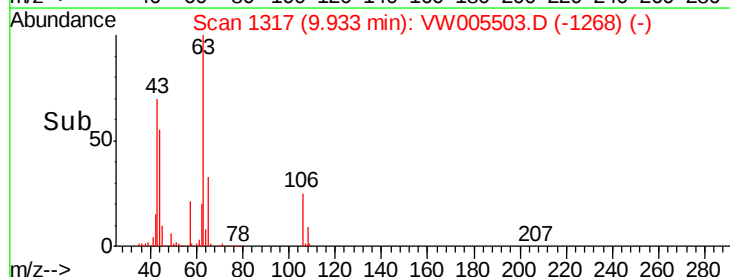
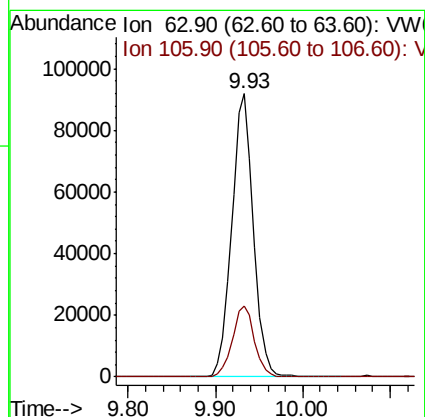
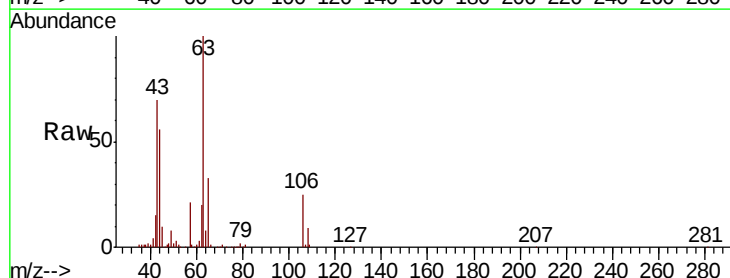
Acq: 19 Sep 2018 03:40

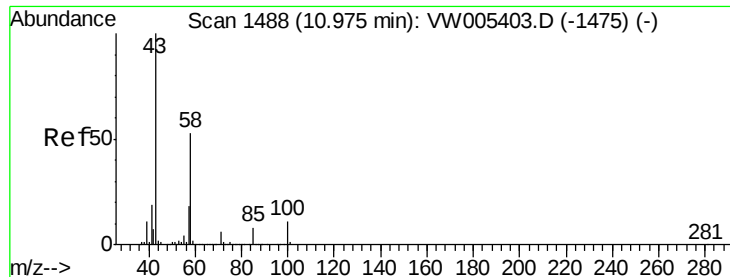
Tgt Ion: 63 Resp: 157832

Ion Ratio Lower Upper

63 100

106 25.6 22.0 33.0

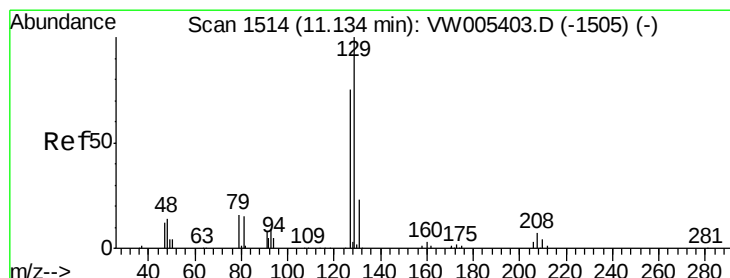
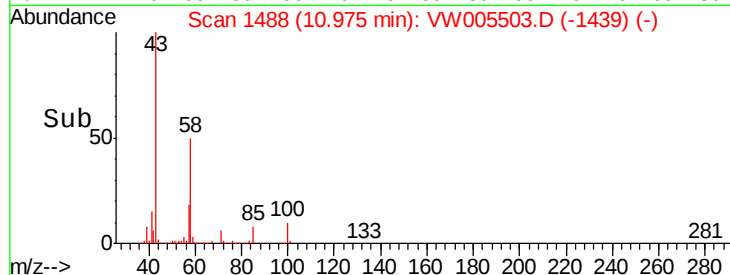
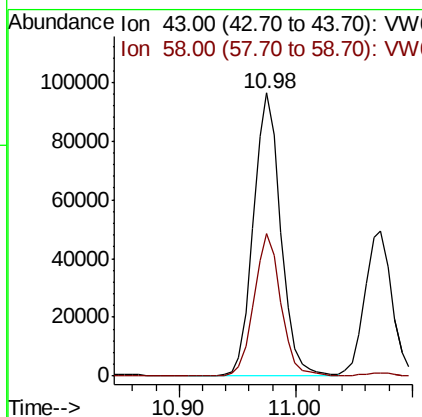
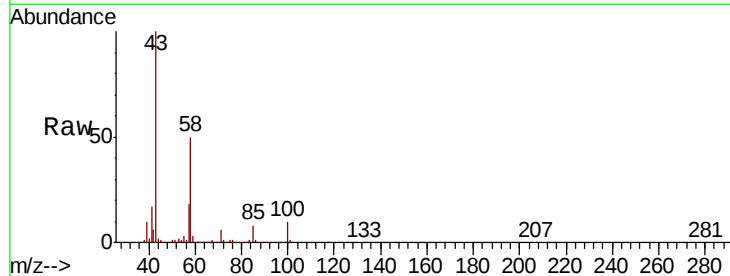




#59
2-Hexanone
Concen: 125.670 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

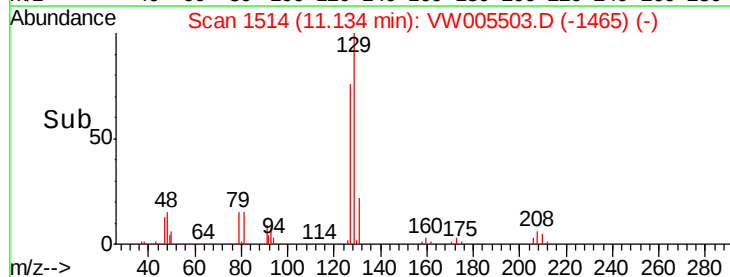
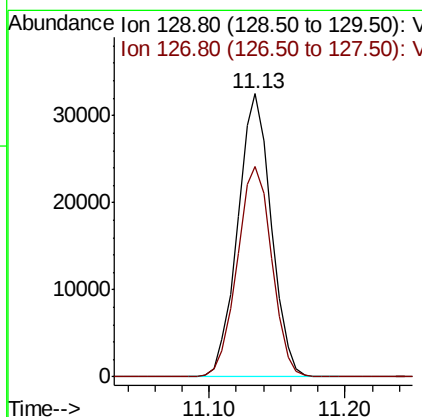
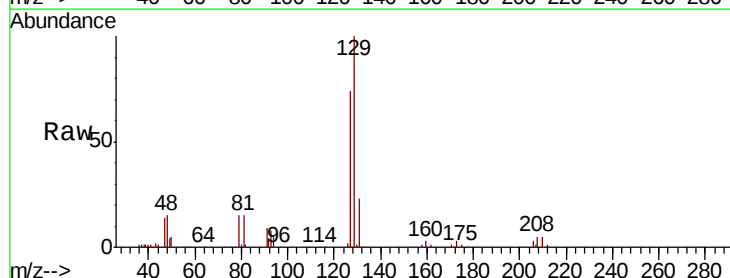
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

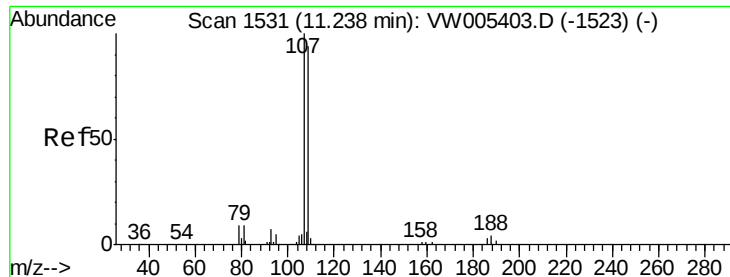
Tgt Ion: 43 Resp: 157651
Ion Ratio Lower Upper
43 100
58 49.6 25.5 76.5



#60
Dibromochloromethane
Concen: 20.398 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 129 Resp: 55982
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

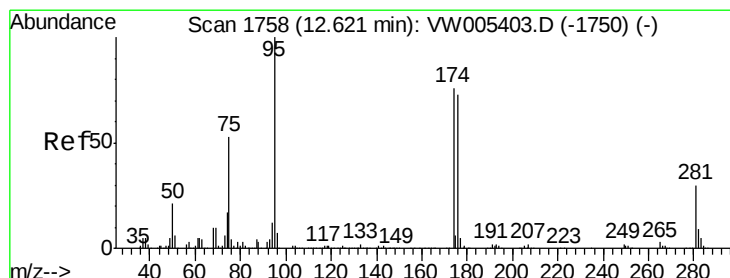
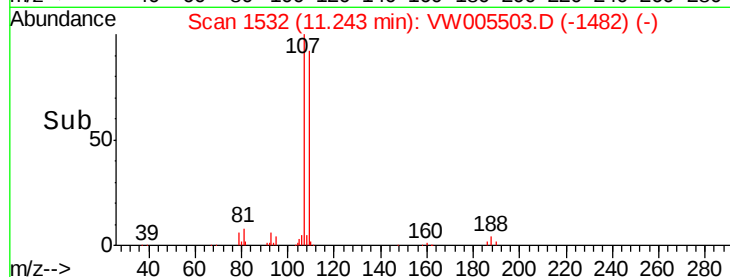
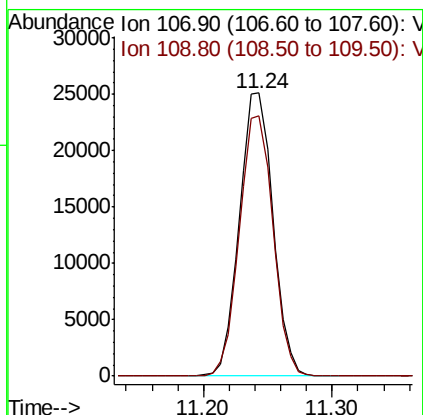
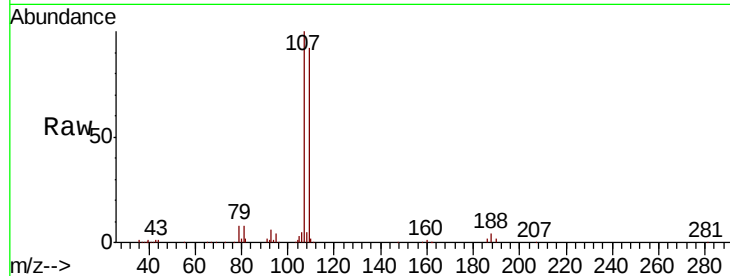




#61
 1,2-Dibromoethane
 Concen: 22.148 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

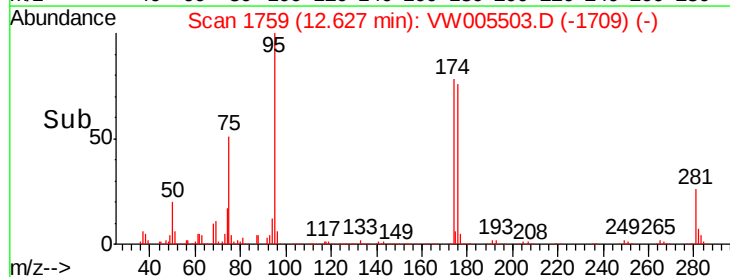
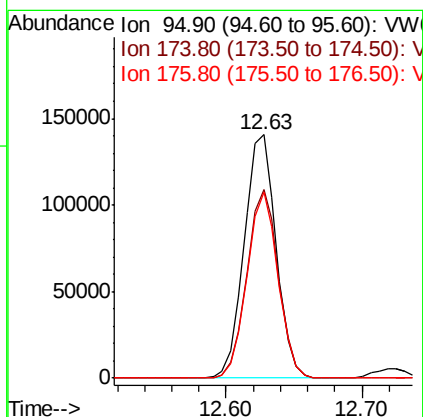
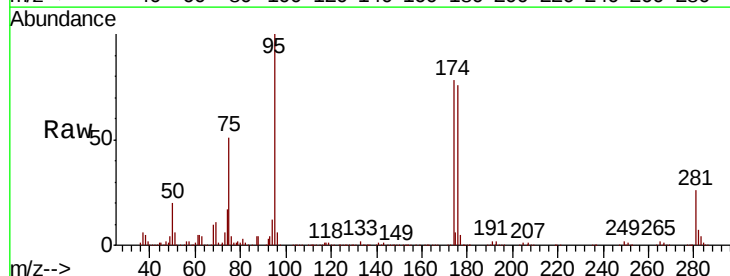
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

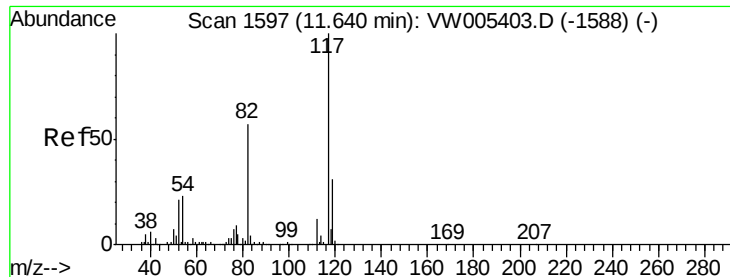
Tgt Ion: 107 Resp: 45307
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.406 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion: 95 Resp: 230526
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 161.2
 176 74.5 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: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

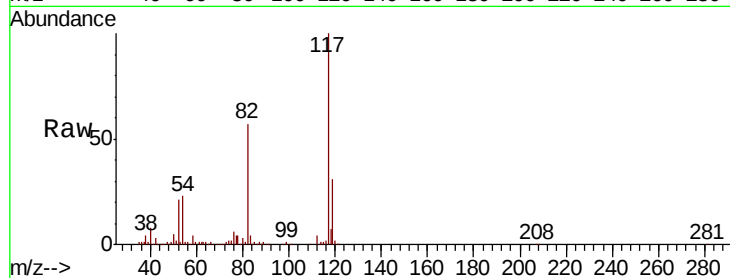
Tgt Ion:117 Resp: 453309

Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

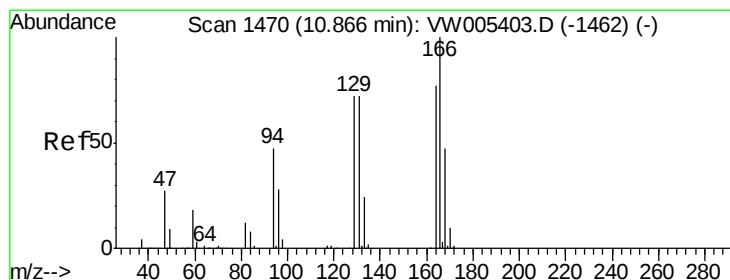
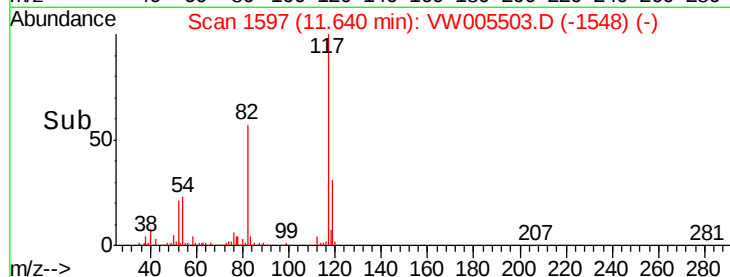
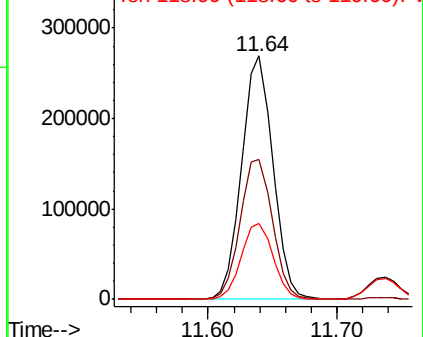
119 31.1 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.385 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion:164 Resp: 71644

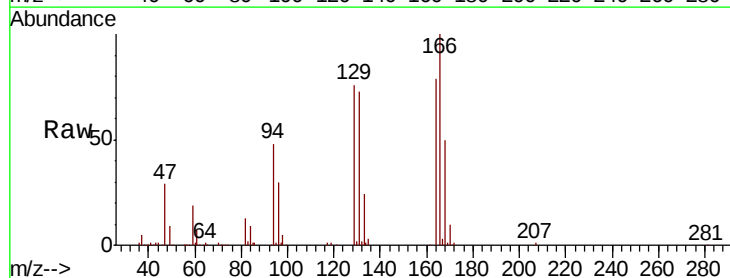
Ion Ratio Lower Upper

164 100

166 126.1 104.0 156.0

129 95.4 74.9 112.3

131 92.1 75.3 112.9

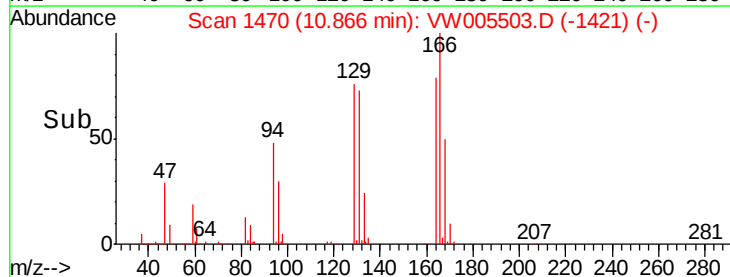
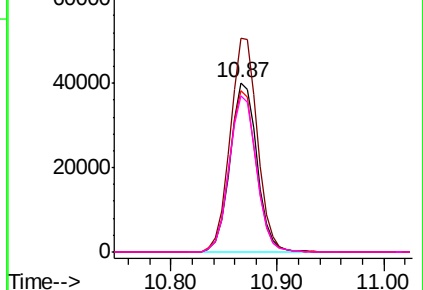


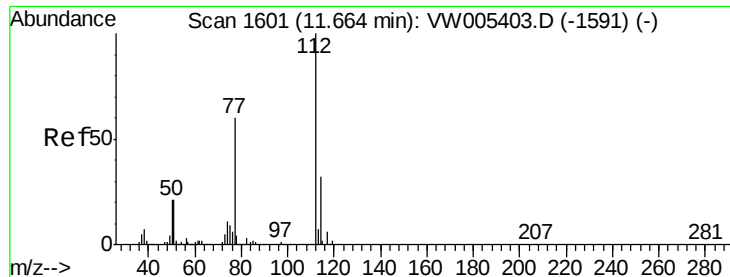
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.206 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

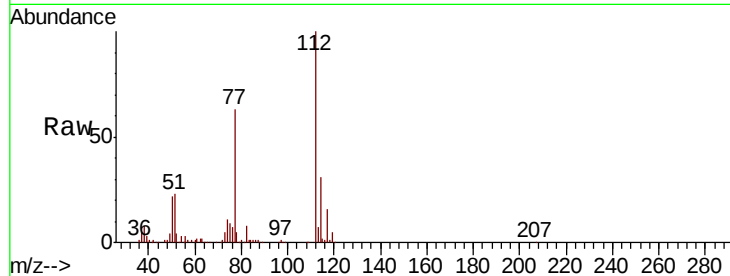
VW0918SBSD02

Tgt Ion:112 Resp: 204015

Ion Ratio Lower Upper

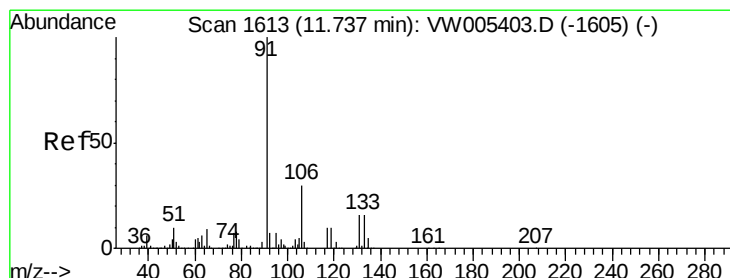
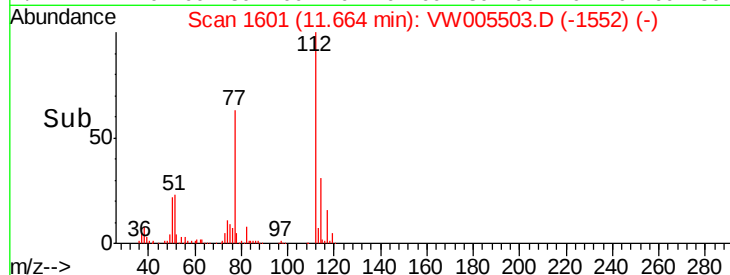
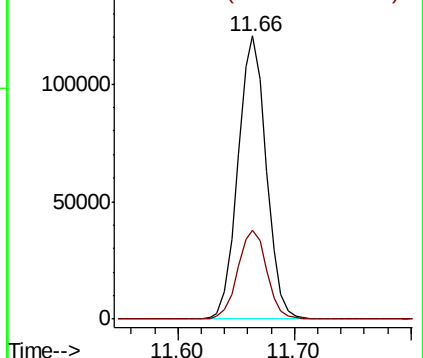
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.484 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

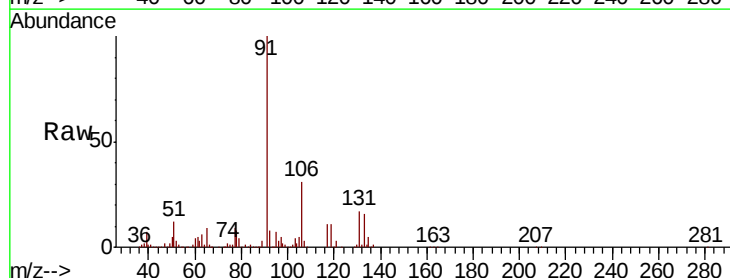
Tgt Ion:131 Resp: 62987

Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.9

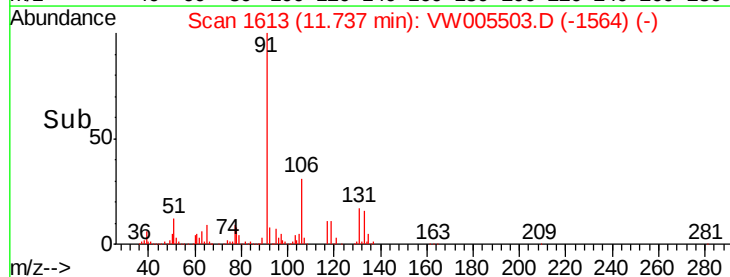
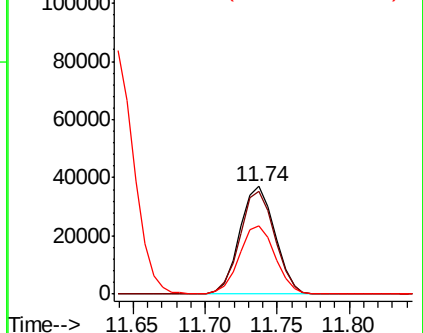
119 64.7 31.1 93.5

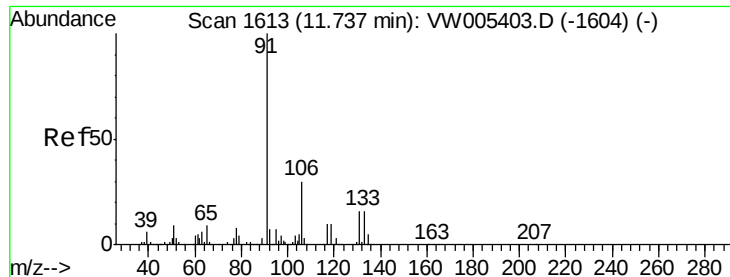


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

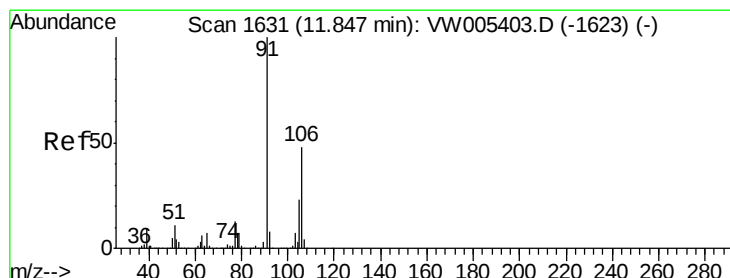
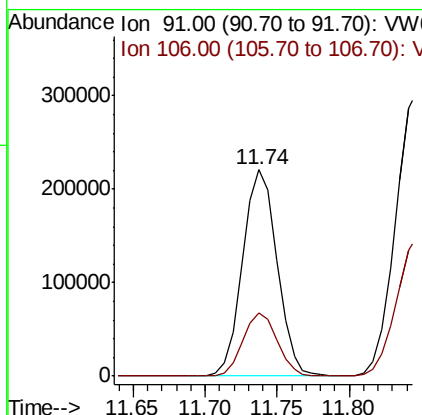
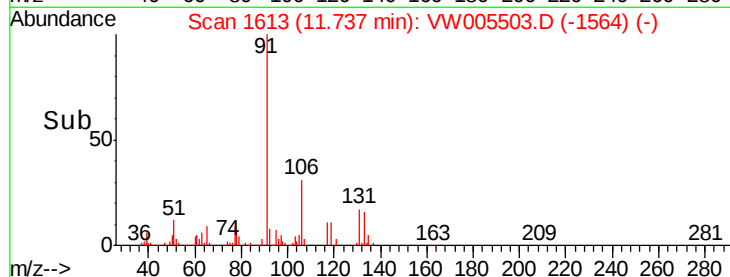
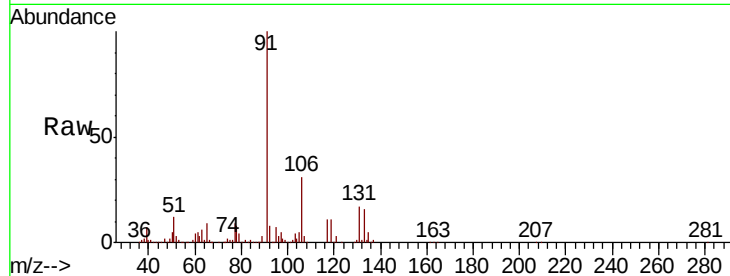




#67
Ethyl Benzene
Concen: 21.626 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

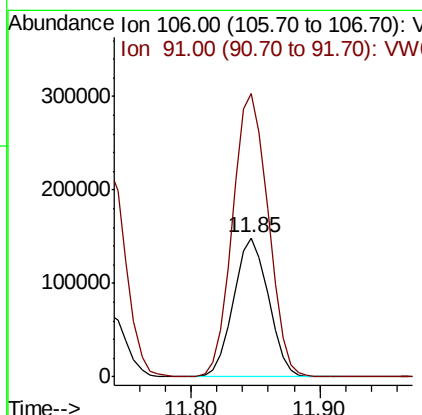
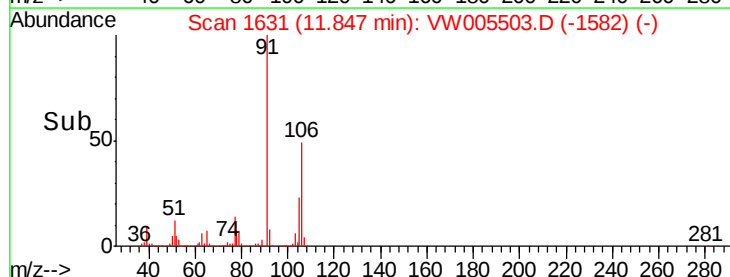
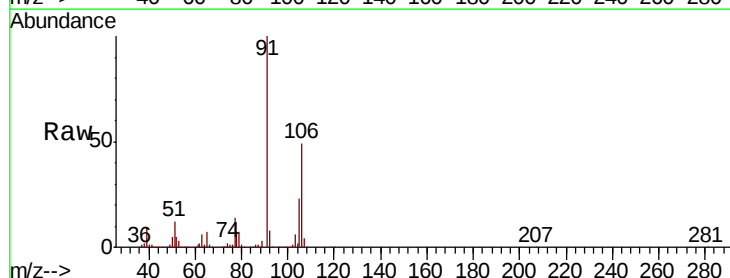
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

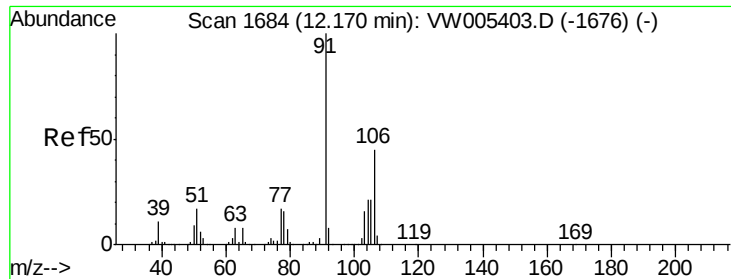
Tgt Ion: 91 Resp: 365885
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 42.909 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion: 106 Resp: 279401
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9

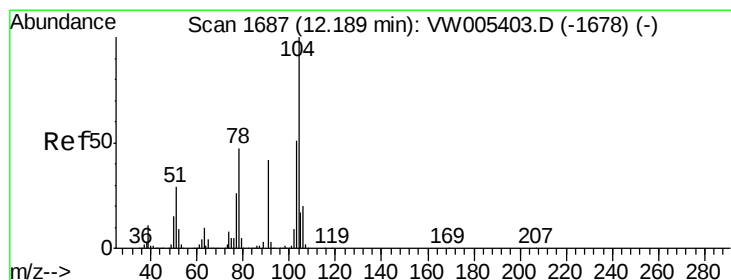
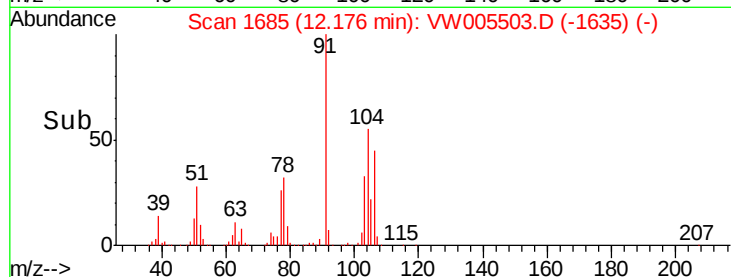
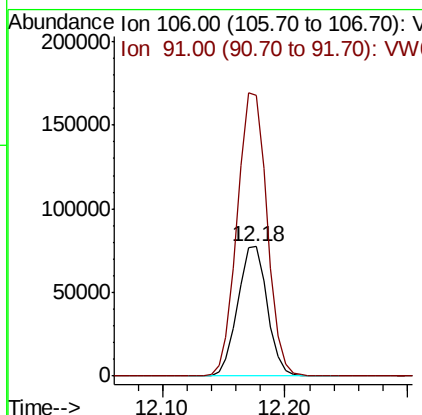
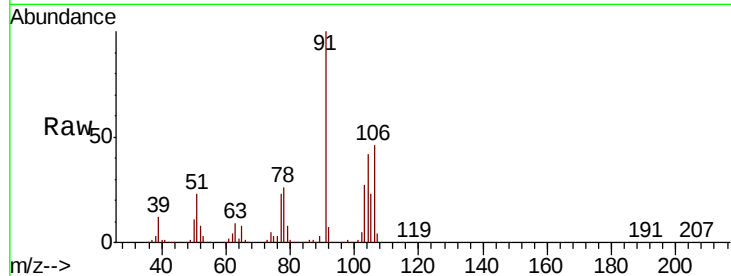




#69
o-Xylene
Concen: 21.438 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

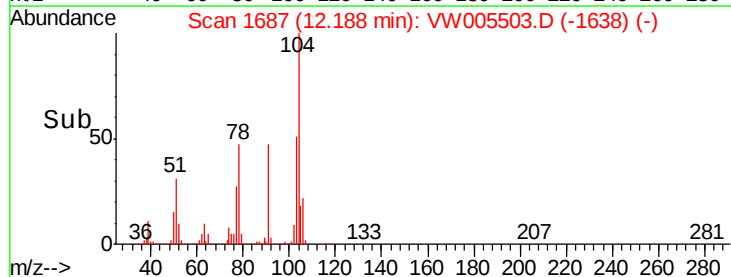
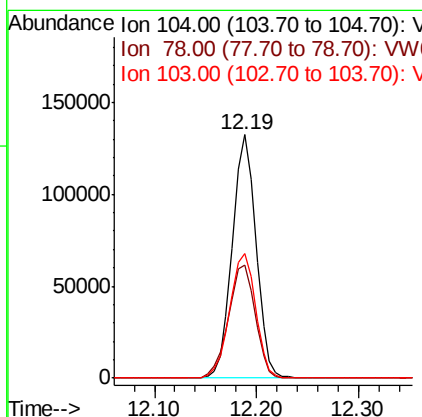
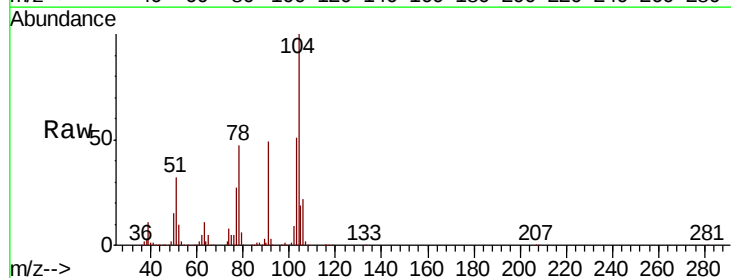
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

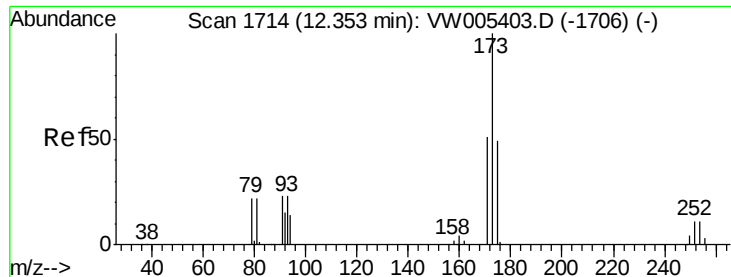
Tgt Ion:106 Resp: 129993
Ion Ratio Lower Upper
106 100
91 220.1 110.6 331.6



#70
Styrene
Concen: 21.282 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion:104 Resp: 212964
Ion Ratio Lower Upper
104 100
78 52.5 42.4 63.6
103 56.0 44.8 67.2

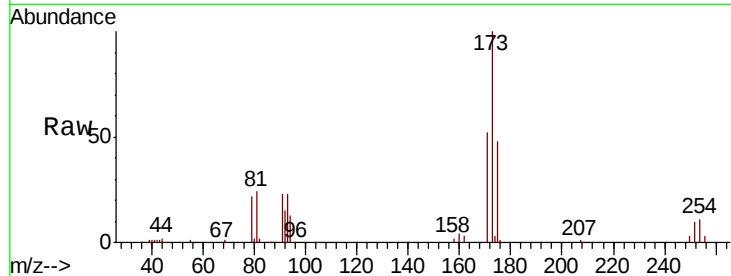




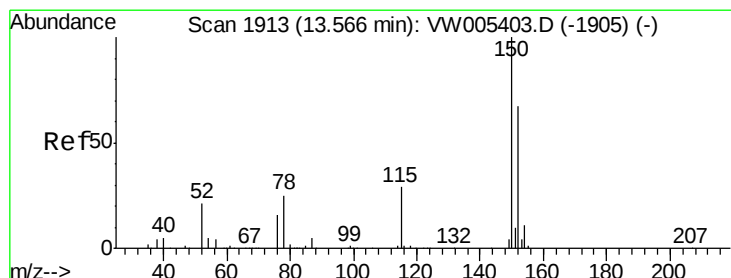
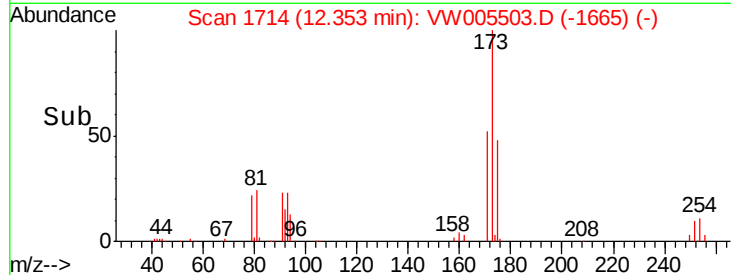
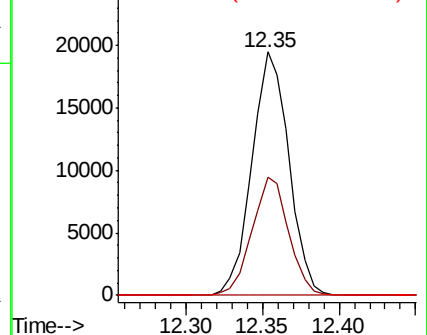
#71
Bromoform
Concen: 20.132 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tgt Ion:173 Resp: 32749
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

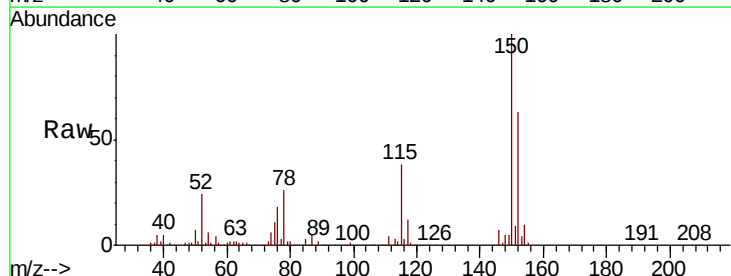


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

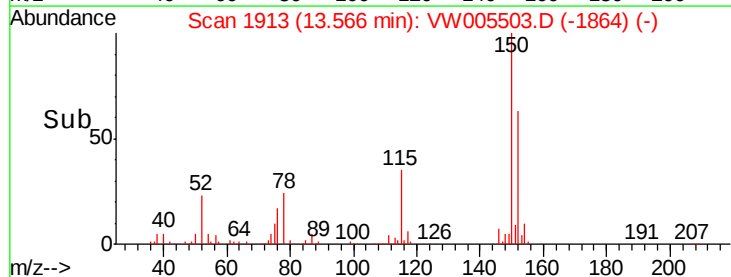
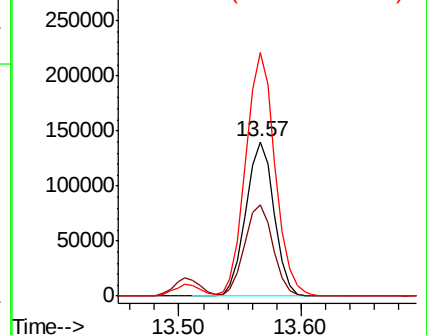


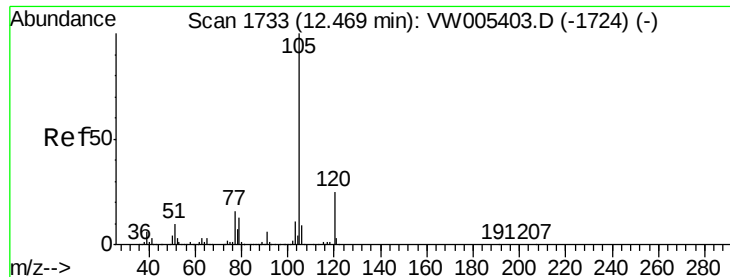
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion:152 Resp: 224056
Ion Ratio Lower Upper
152 100
115 59.8 29.5 88.5
150 164.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.531 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

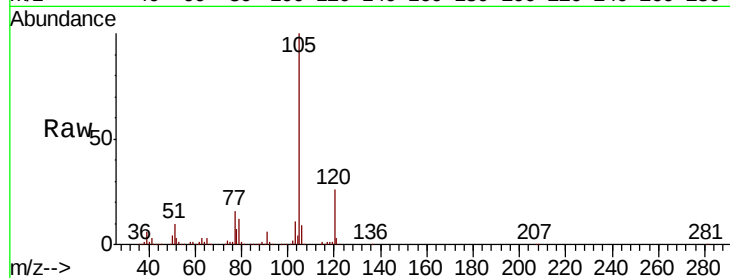
VW0918SBSD02

Tgt Ion: 105 Resp: 354176

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

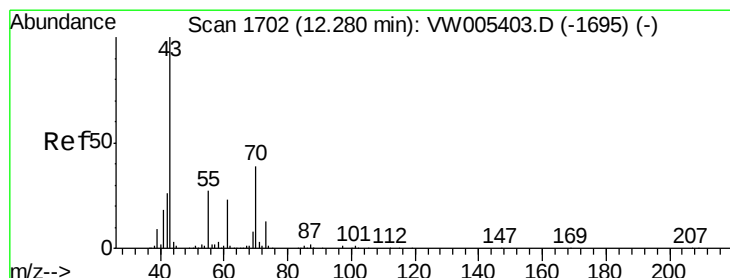
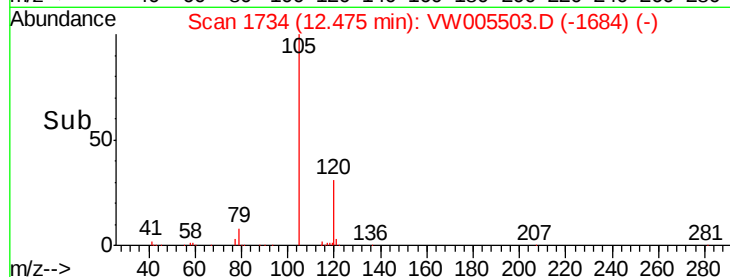
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 25.425 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Tgt Ion: 43 Resp: 84218

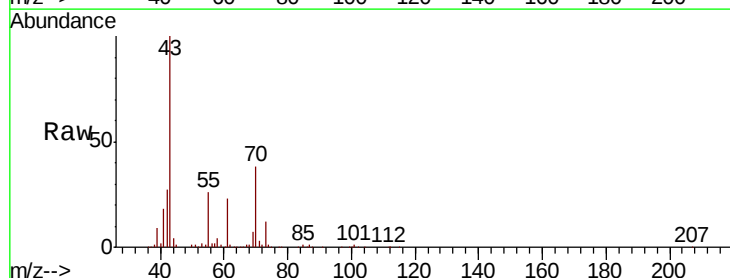
Ion Ratio Lower Upper

43 100

70 38.6 31.9 47.9

55 26.1 21.4 32.0

61 21.7 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

80000

60000

40000

20000

0

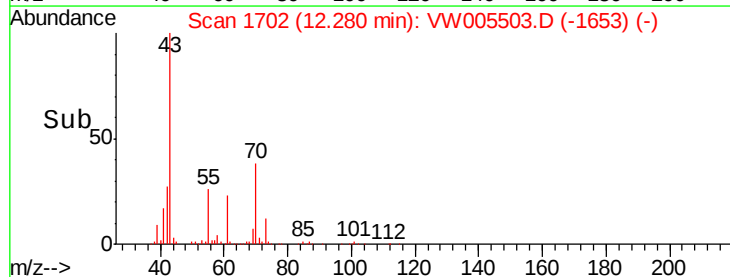
12.28

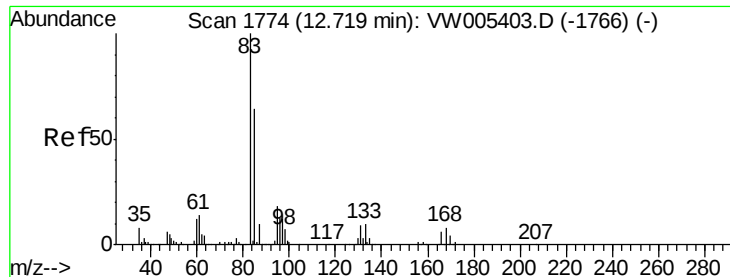
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.996 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

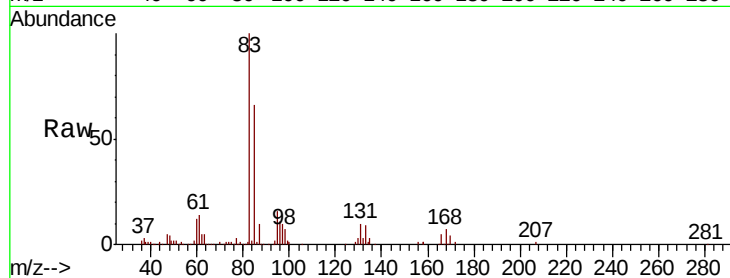
Tgt Ion: 83 Resp: 57319

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.1

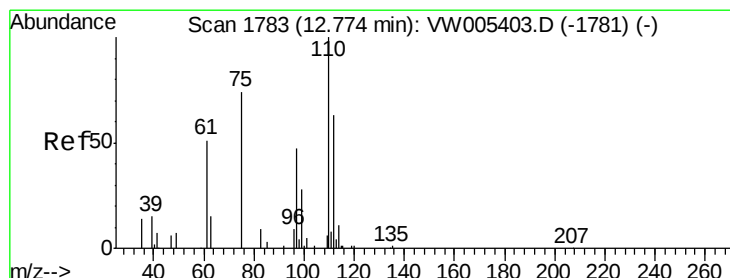
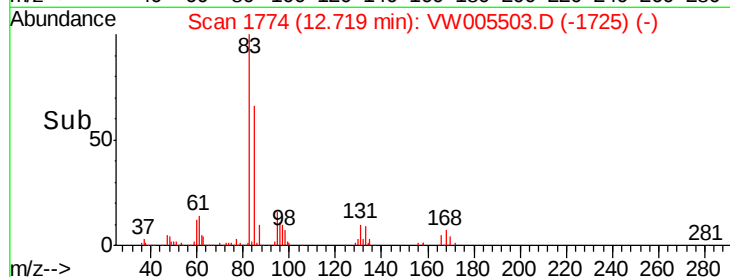
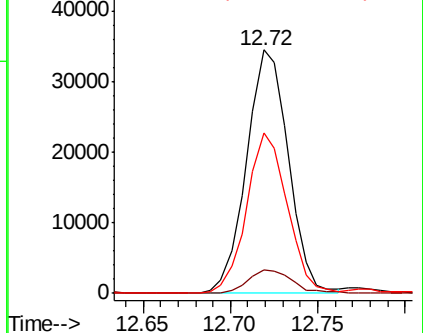
85 64.1 31.6 95.0



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: 43.168 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005503.D

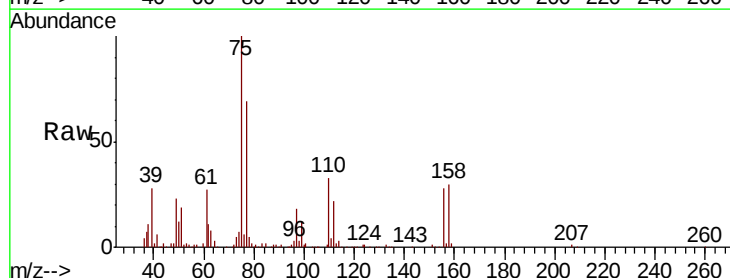
Acq: 19 Sep 2018 03:40

Tgt Ion: 75 Resp: 79551

Ion Ratio Lower Upper

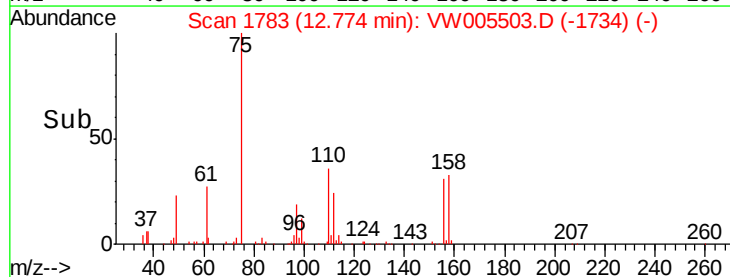
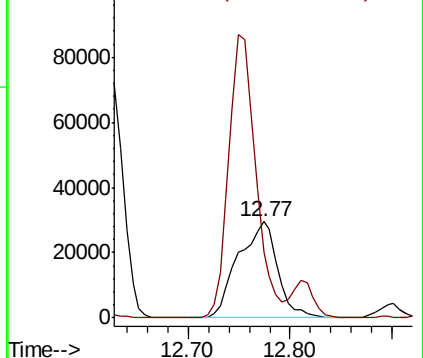
75 100

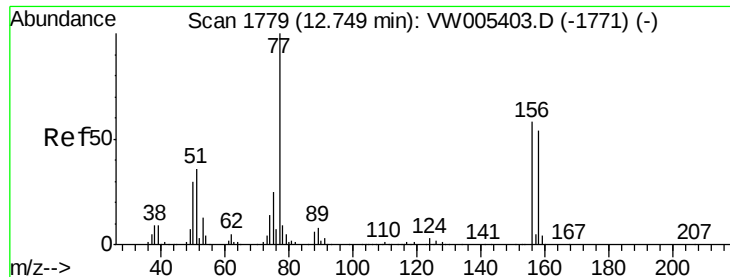
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.638 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

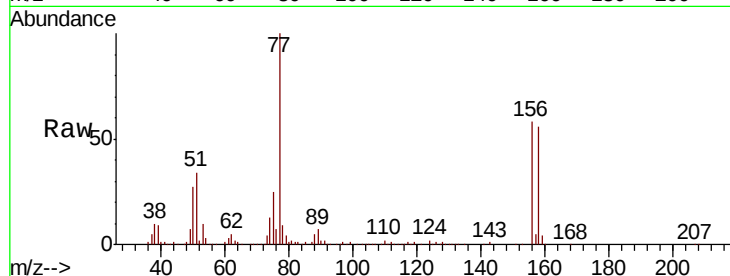
Tgt Ion:156 Resp: 80417

Ion Ratio Lower Upper

156 100

77 199.7 92.8 278.3

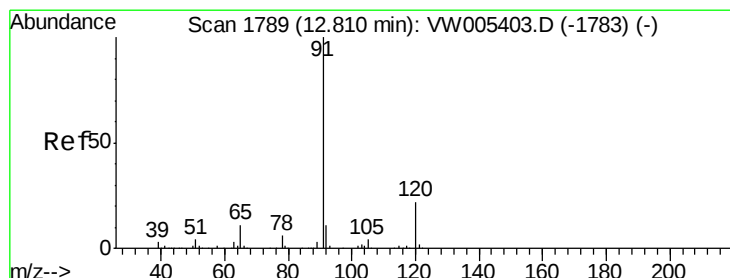
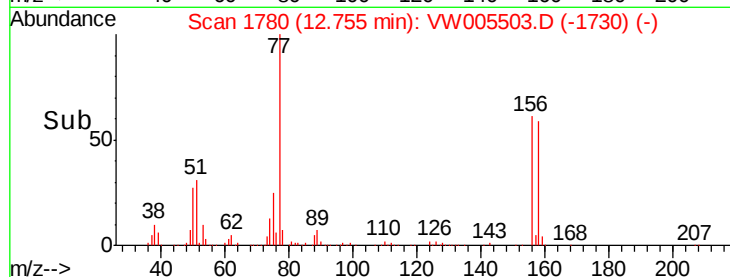
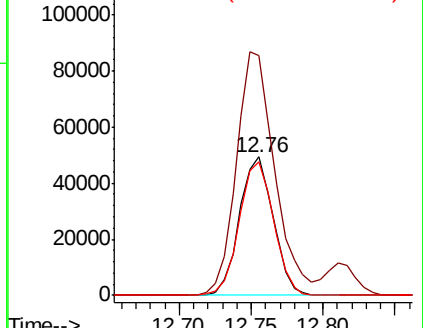
158 98.0 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.875 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005503.D

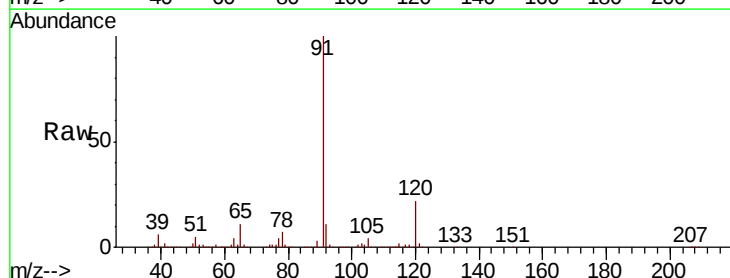
Acq: 19 Sep 2018 03:40

Tgt Ion: 91 Resp: 433955

Ion Ratio Lower Upper

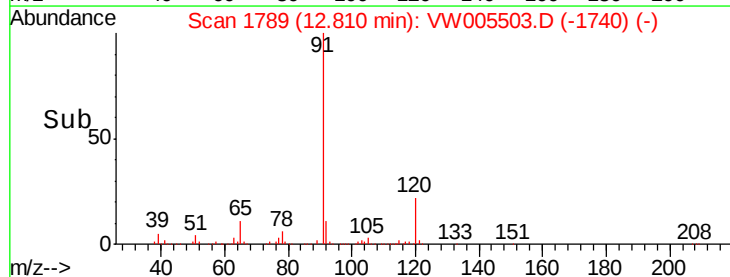
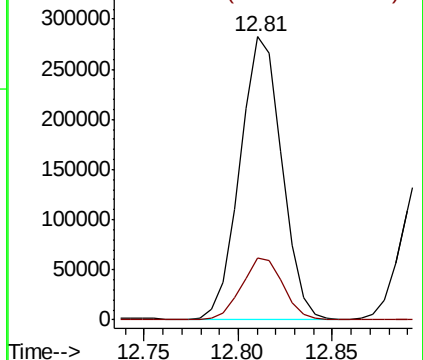
91 100

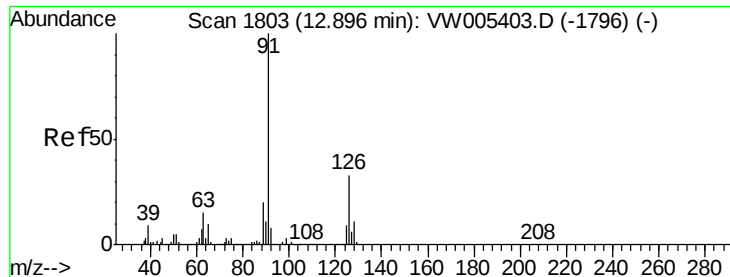
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.611 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

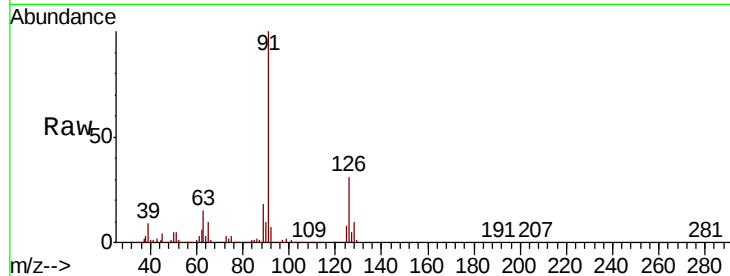
VW0918SBSD02

Tgt Ion: 91 Resp: 253063

Ion Ratio Lower Upper

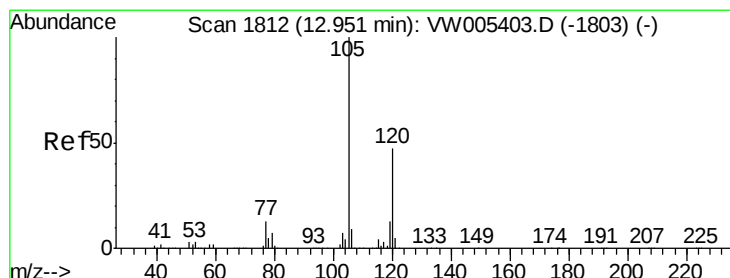
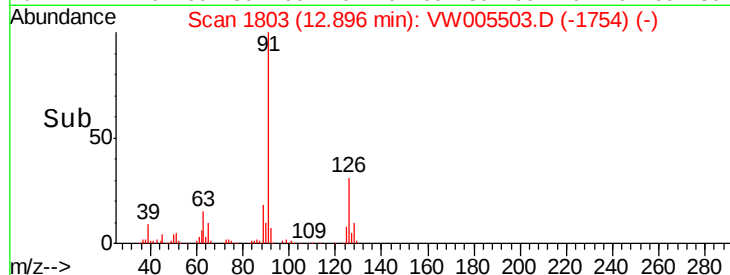
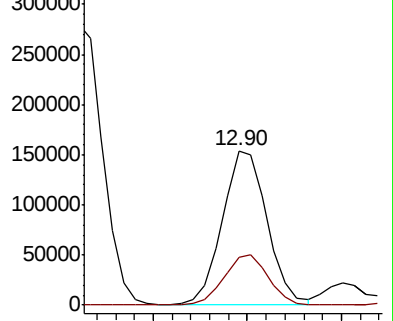
91 100

126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.032 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005503.D

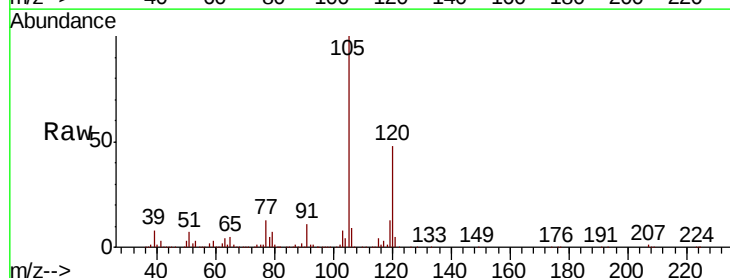
Acq: 19 Sep 2018 03:40

Tgt Ion: 105 Resp: 302183

Ion Ratio Lower Upper

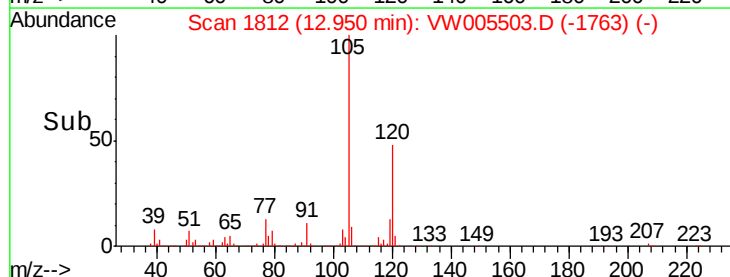
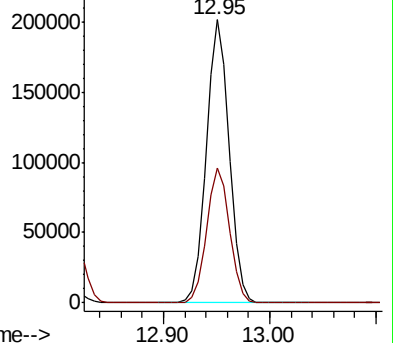
105 100

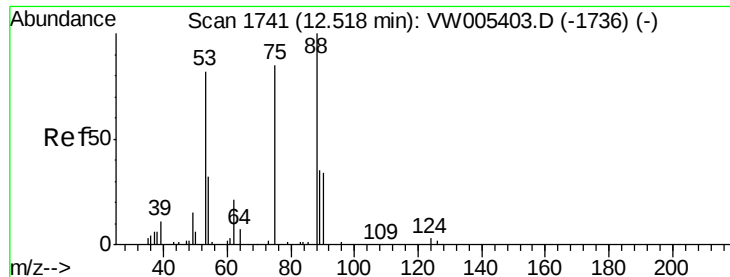
120 48.1 23.5 70.5



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: 23.096 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

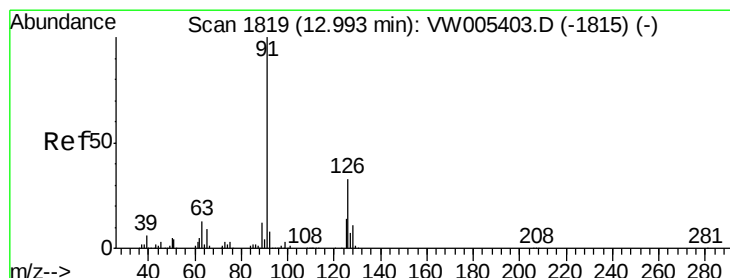
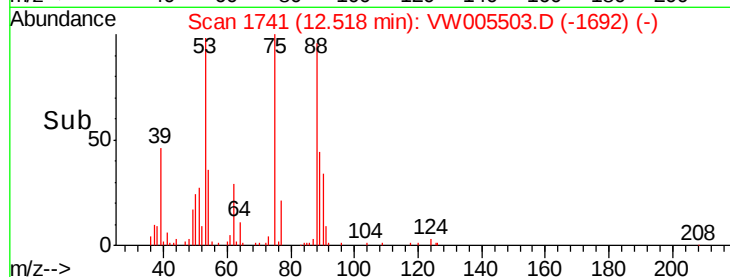
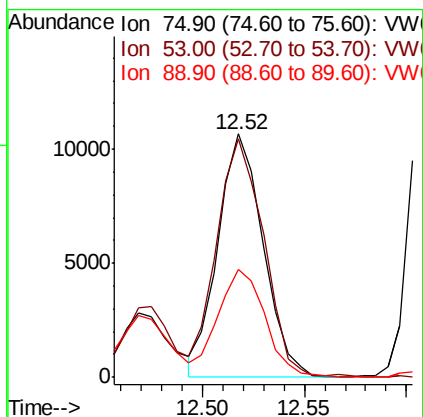
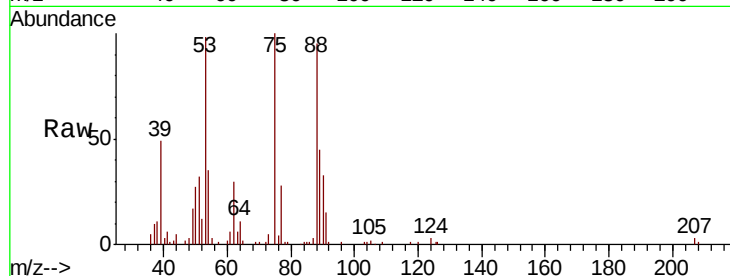
Tgt Ion: 75 Resp: 16407

Ion Ratio Lower Upper

75 100

53 100.6 83.2 124.8

89 46.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 22.382 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005503.D

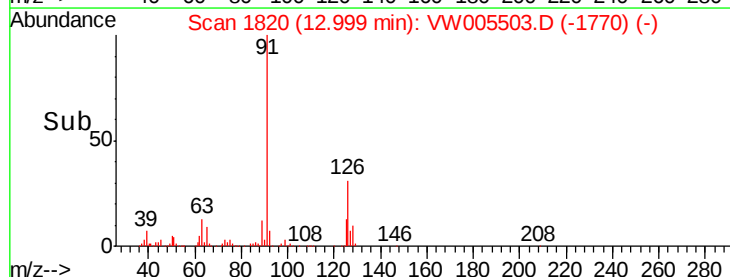
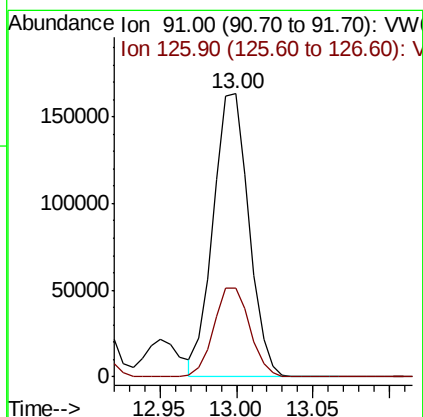
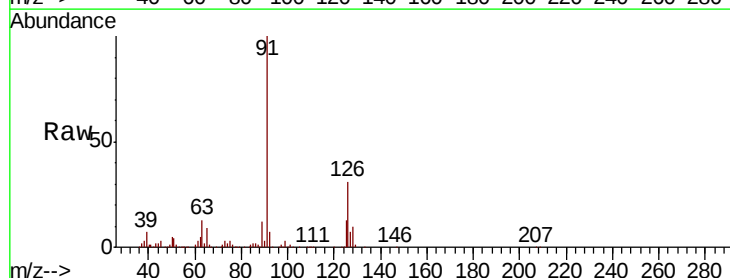
Acq: 19 Sep 2018 03:40

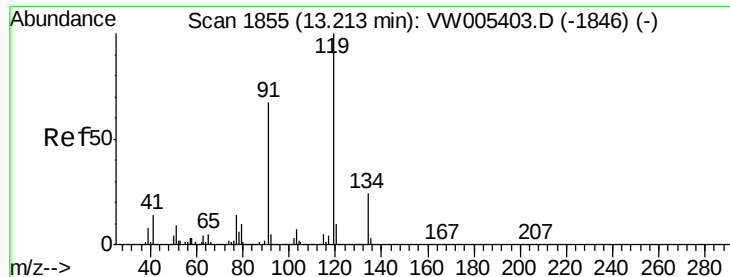
Tgt Ion: 91 Resp: 264454

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.1





#83

tert-Butylbenzene

Concen: 22.653 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

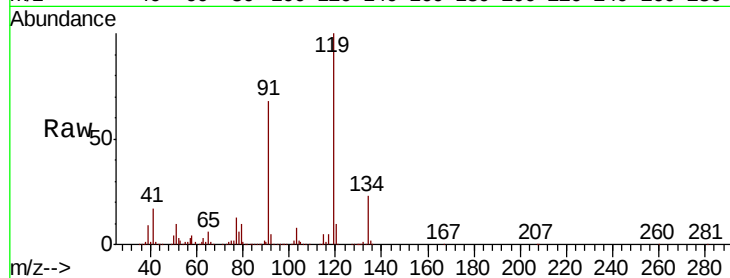
Tgt Ion:119 Resp: 258064

Ion Ratio Lower Upper

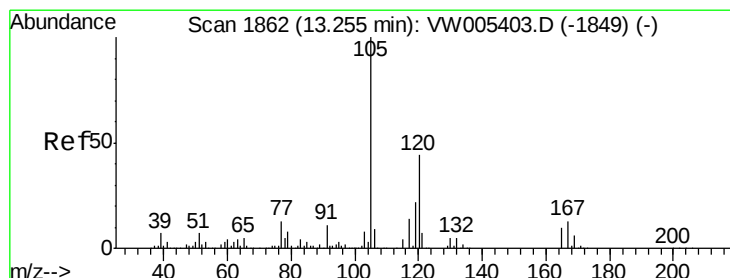
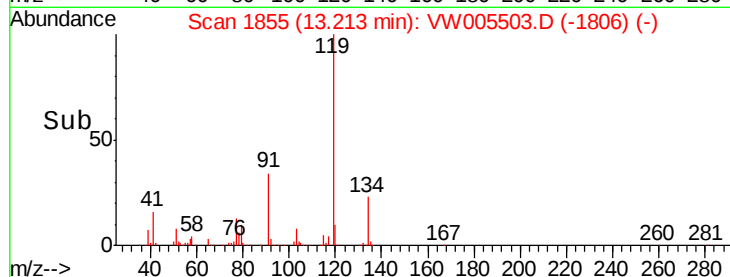
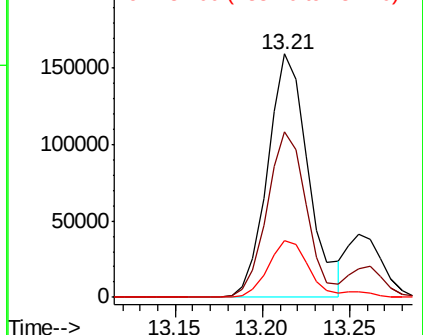
119 100

91 66.3 34.4 103.2

134 24.5 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.009 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005503.D

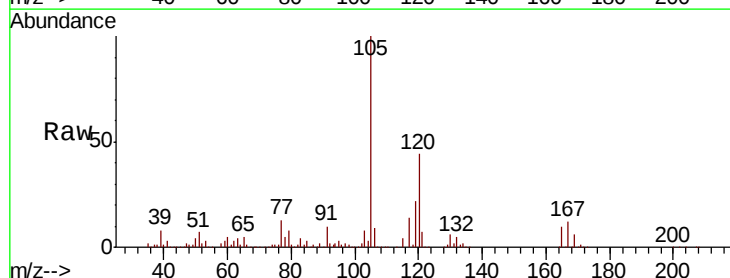
Acq: 19 Sep 2018 03:40

Tgt Ion:105 Resp: 306478

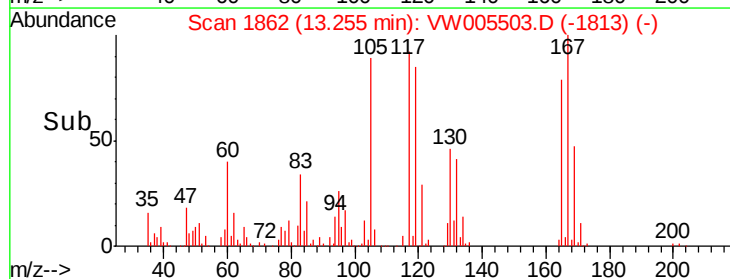
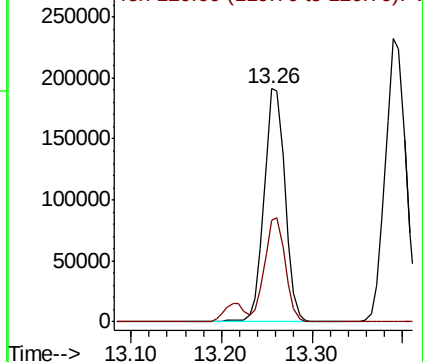
Ion Ratio Lower Upper

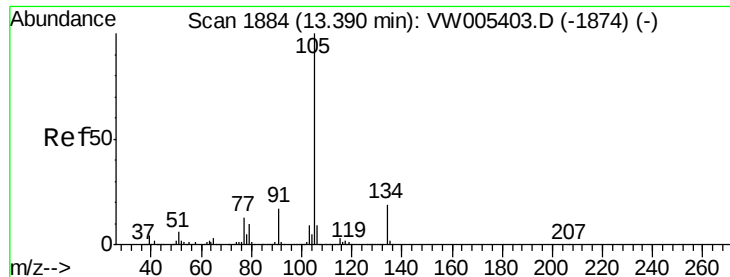
105 100

120 44.0 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.160 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

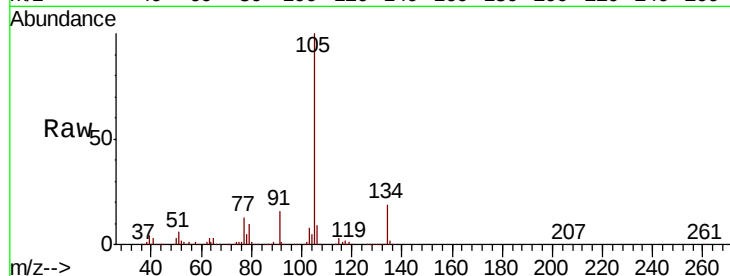
VW0918SBSD02

Tgt Ion:105 Resp: 364771

Ion Ratio Lower Upper

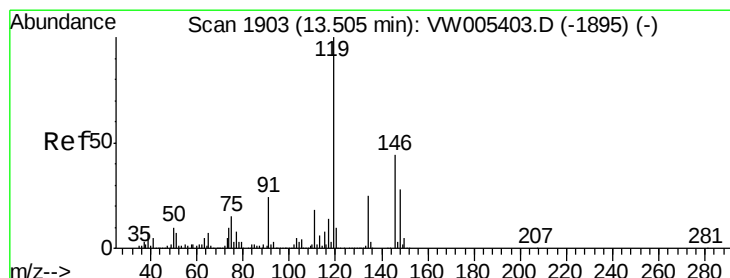
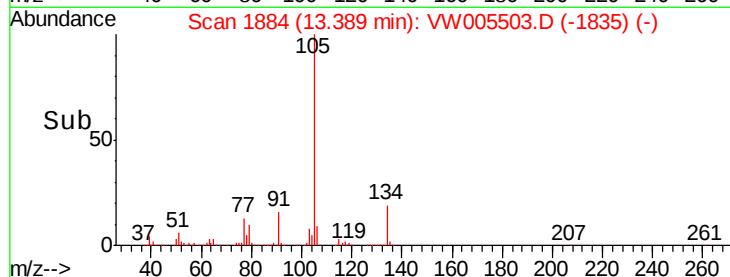
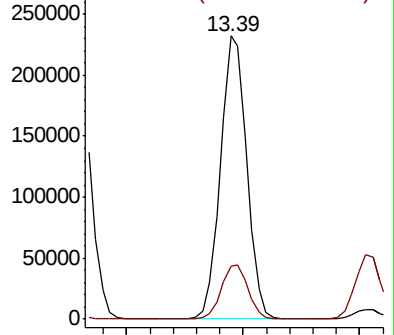
105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.760 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

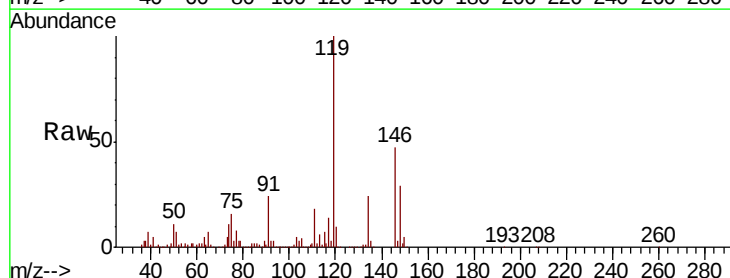
Tgt Ion:119 Resp: 320323

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

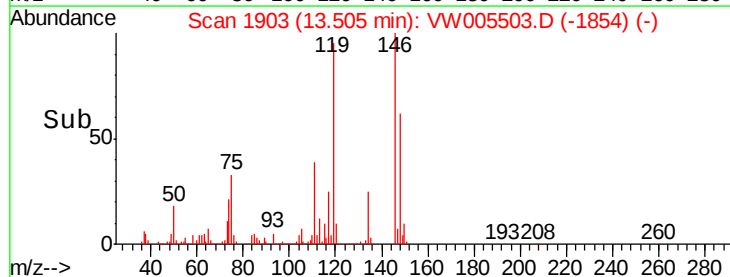
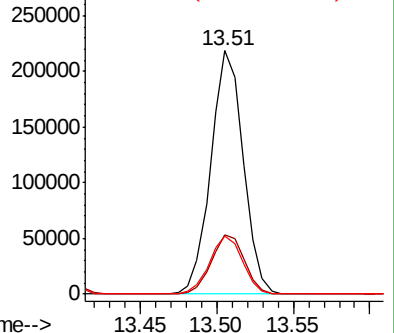
91 24.3 12.0 36.0

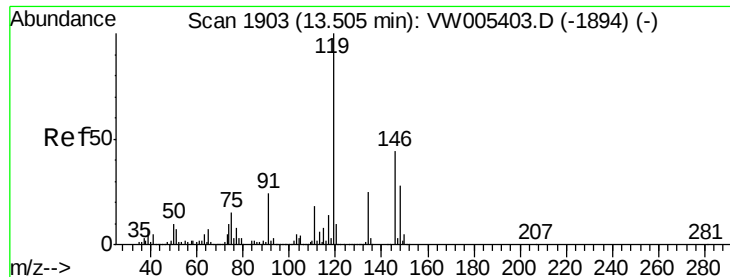


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

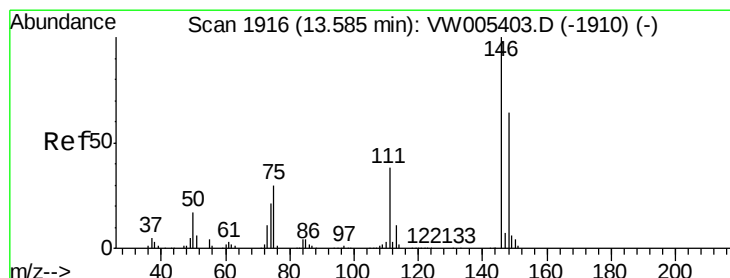
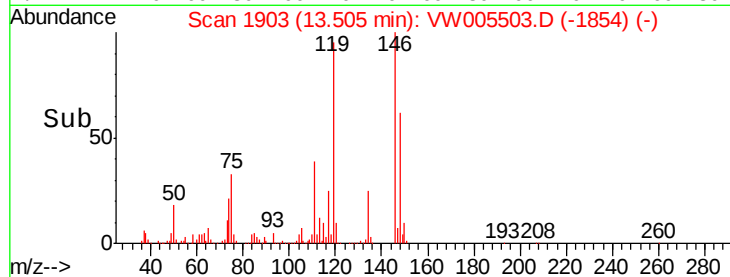
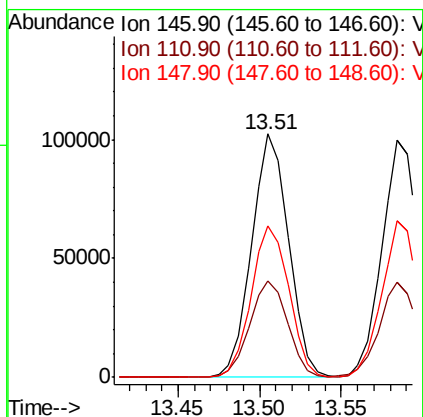
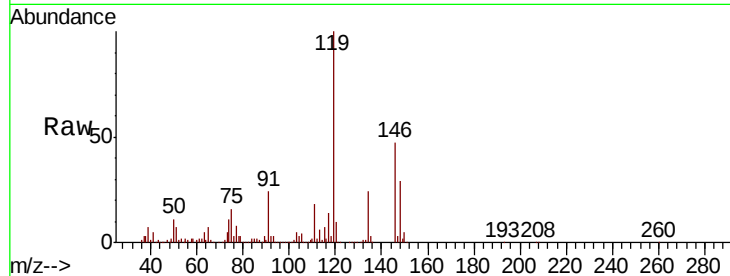




#87
 1,3-Dichlorobenzene
 Concen: 21.476 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

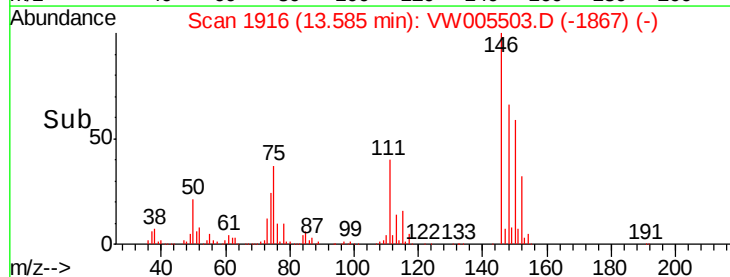
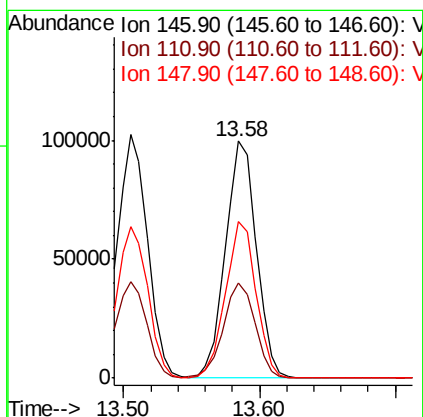
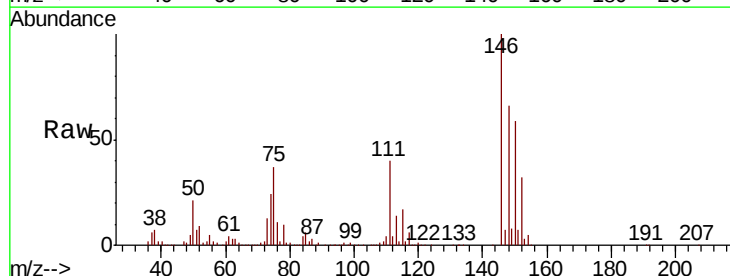
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

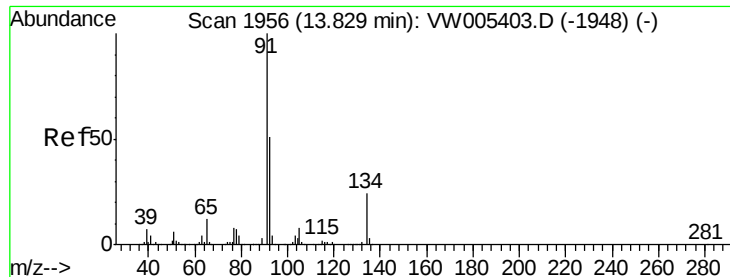
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.2
148	63.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.267 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.6	58.8
148	64.9	31.8	95.4





#89

n-Butylbenzene

Concen: 22.148 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005503.D

Acq: 19 Sep 2018 03:40

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

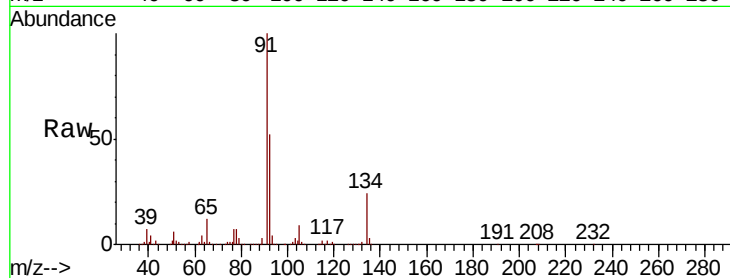
Tgt Ion: 91 Resp: 303594

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

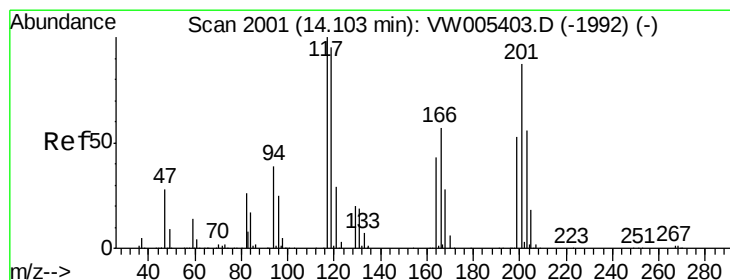
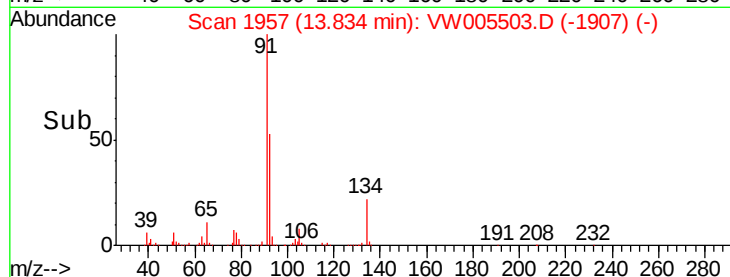
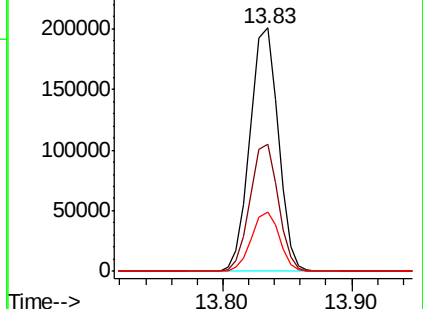
134 24.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.231 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005503.D

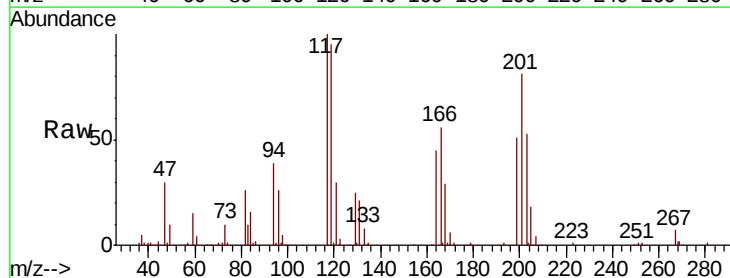
Acq: 19 Sep 2018 03:40

Tgt Ion: 117 Resp: 53550

Ion Ratio Lower Upper

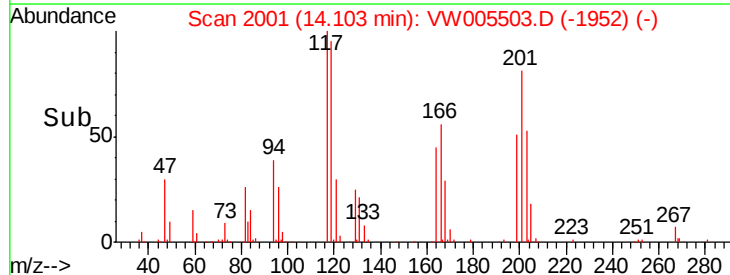
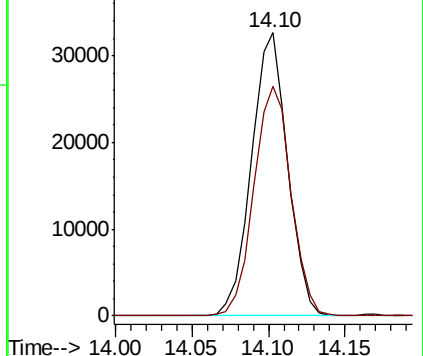
117 100

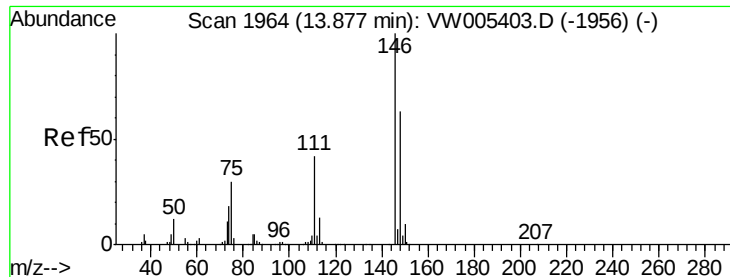
201 83.5 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

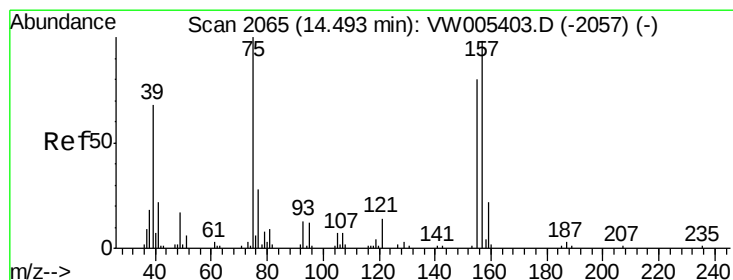
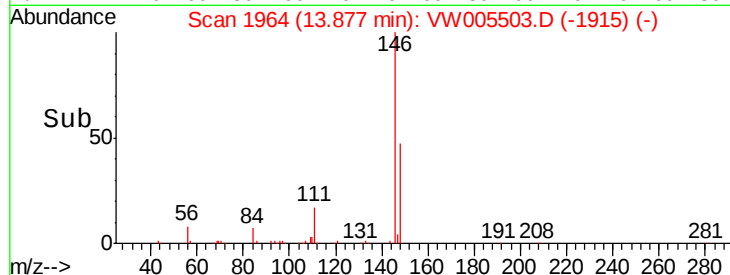
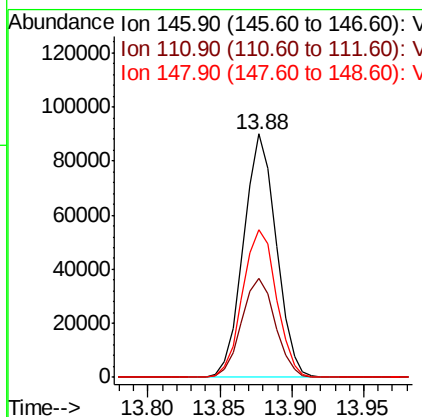
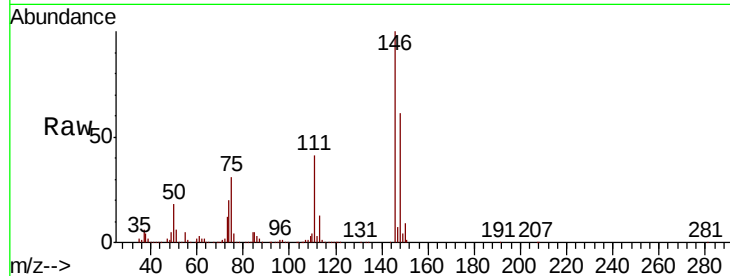




#91
 1,2-Dichlorobenzene
 Concen: 21.482 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

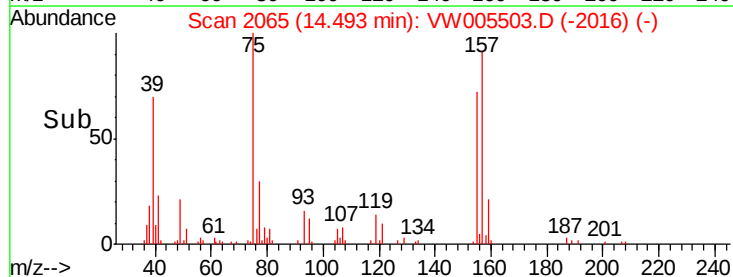
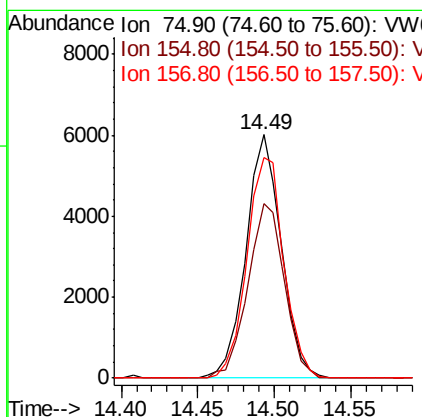
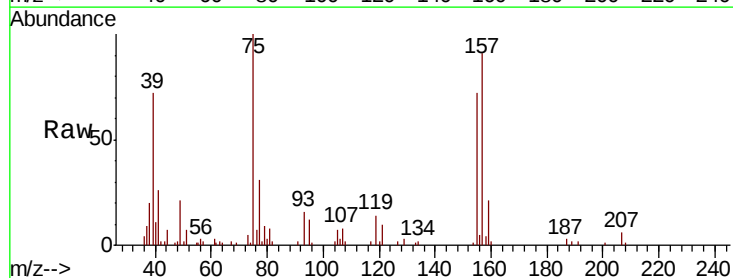
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

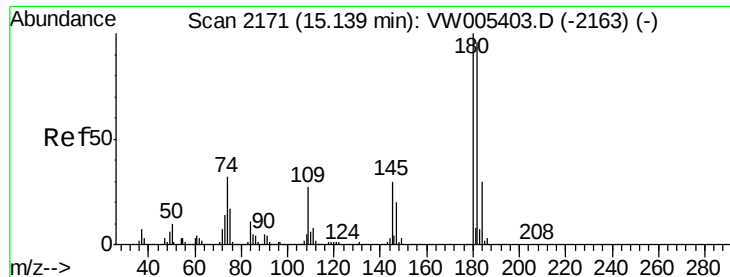
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.943 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.1	39.0	117.0
157	94.6	49.9	149.6

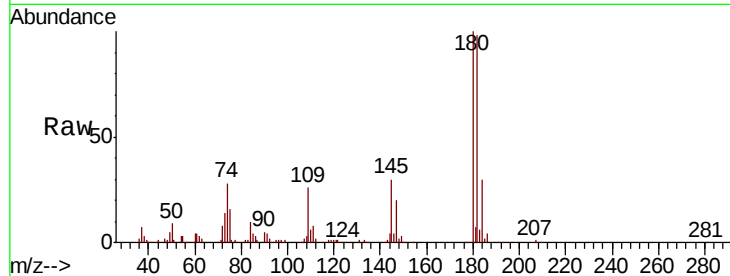




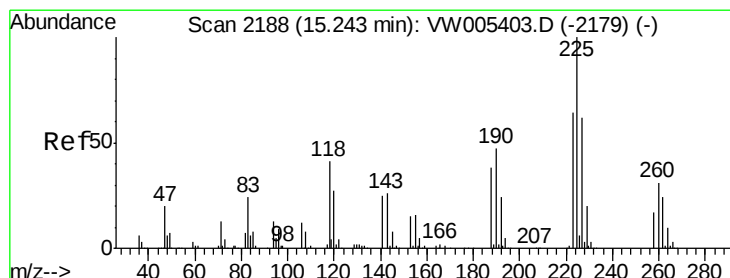
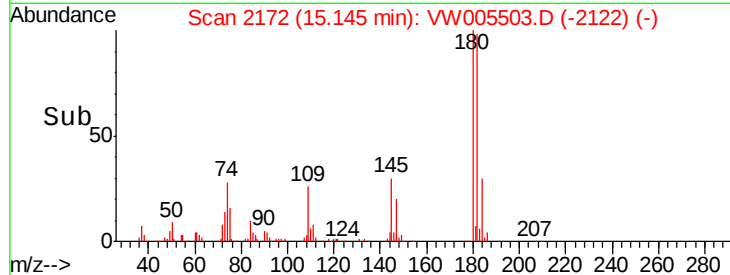
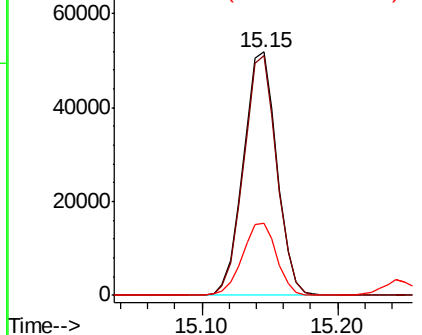
#93
 1,2,4-Trichlorobenzene
 Concen: 20.332 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tgt Ion:180 Resp: 89357
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.3 141.9
 145 30.2 14.8 44.3

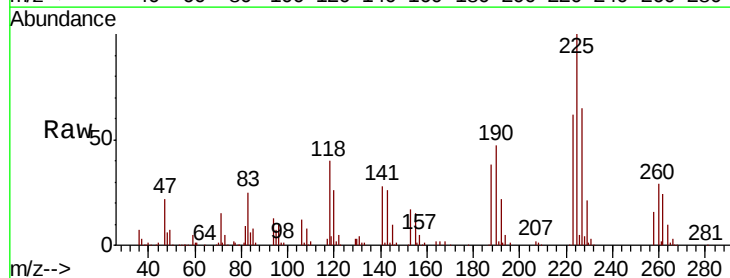


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

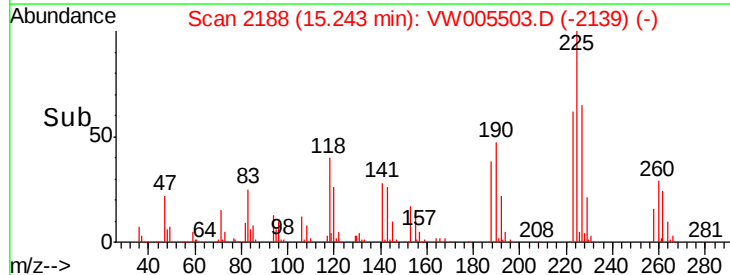
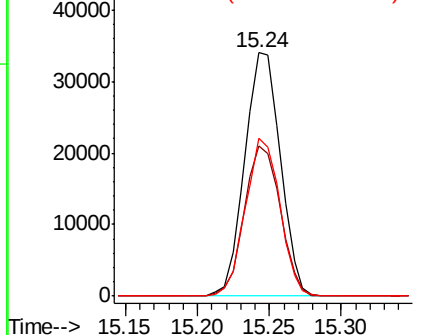


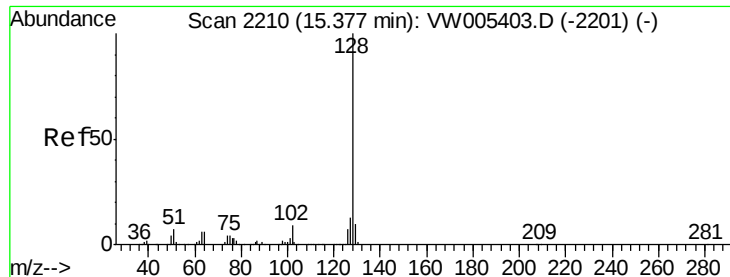
#94
 Hexachlorobutadiene
 Concen: 20.310 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005503.D
 Acq: 19 Sep 2018 03:40

Tgt Ion:225 Resp: 58290
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.2 93.6
 227 62.8 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

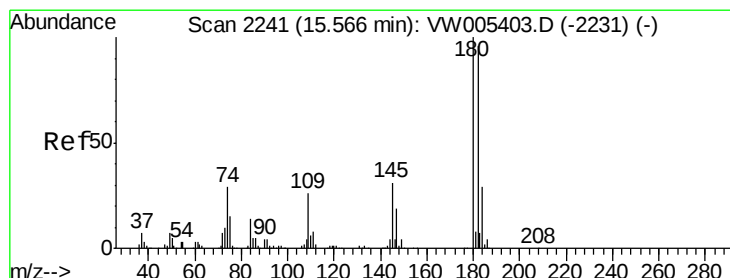
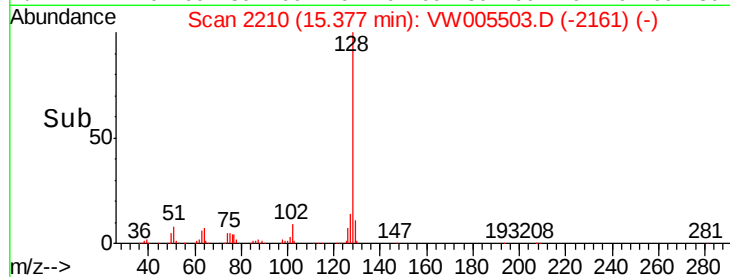
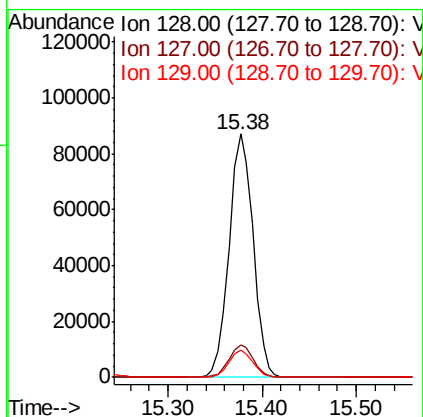
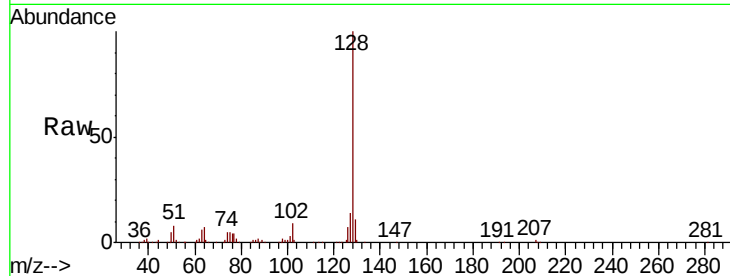




#95
Naphthalene
Concen: 21.051 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tgt Ion:128 Resp: 154164
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.769 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005503.D
Acq: 19 Sep 2018 03:40

Tgt Ion:180 Resp: 75825
Ion Ratio Lower Upper
180 100
182 96.9 48.1 144.4
145 32.9 15.9 47.7

