

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007413.D
 Acq On : 12 Dec 2018 00:55
 Operator : SY/AP
 Sample : VW1211SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

Quant Time: Dec 12 05:06:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45474	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.88	113	42671	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	163592	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.62	95	62744	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11916	20.472	ug/l	91
3) Chloromethane	2.21	50	9980	20.473	ug/l	99
4) Vinyl Chloride	2.37	62	12126	21.197	ug/l	96
5) Bromomethane	2.78	94	7910	20.580	ug/l	97
6) Chloroethane	2.93	64	6139	19.495	ug/l #	78
7) Trichlorofluoromethane	3.26	101	9918	19.284	ug/l	99
8) Diethyl Ether	3.67	74	7775	19.315	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17201	20.269	ug/l	97
10) Methyl Iodide	4.26	142	28663	20.393	ug/l	97
11) Tert butyl alcohol	5.17	59	7482	117.895	ug/l	99
12) 1,1-Dichloroethene	4.03	96	16348	20.008	ug/l	98
13) Acrolein	3.89	56	4461	106.232	ug/l	96
14) Allyl chloride	4.67	41	24068	19.984	ug/l	98
15) Acrylonitrile	5.37	53	16548	97.517	ug/l	97
16) Acetone	4.12	43	15307	94.836	ug/l	93
17) Carbon Disulfide	4.38	76	50924	20.555	ug/l	98
18) Methyl Acetate	4.67	43	8867	20.241	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	24576	19.938	ug/l	97
20) Methylene Chloride	4.91	84	19695	19.960	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	18495	20.235	ug/l	94
22) Diisopropyl ether	6.31	45	46989	20.298	ug/l	95
23) Vinyl Acetate	6.26	43	125615	97.011	ug/l	96
24) 1,1-Dichloroethane	6.21	63	31861	20.364	ug/l	99
25) 2-Butanone	7.17	43	19806	93.994	ug/l	97
26) 2,2-Dichloropropane	7.16	77	20834	20.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	20924	20.907	ug/l	99
28) Bromochloromethane	7.51	49	11560	19.643	ug/l	99
29) Tetrahydrofuran	7.53	42	12903	96.726	ug/l	98
30) Chloroform	7.68	83	34805	20.441	ug/l	96
31) Cyclohexane	7.95	56	28172	19.625	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	30564	20.470	ug/l	99
36) 1,1-Dichloropropene	8.08	75	26392	20.942	ug/l	99
37) Ethyl Acetate	7.25	43	9013	19.228	ug/l	97
38) Carbon Tetrachloride	8.07	117	28748	20.965	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	32071	21.016	ug/l	89
40) Benzene	8.32	78	73478	21.009	ug/l	98
41) Methacrylonitrile	7.48	41	6050	22.666	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	22705	20.666	ug/l	99
43) Isopropyl Acetate	8.42	43	18215	19.673	ug/l	98
44) Trichloroethene	9.09	130	21141	21.168	ug/l	99
45) 1,2-Dichloropropane	9.37	63	17242	21.304	ug/l	99
46) Dibromomethane	9.46	93	9496	20.661	ug/l	98
47) Bromodichloromethane	9.65	83	25456	21.115	ug/l	96
48) Methyl methacrylate	9.44	41	8863	18.639	ug/l	91
49) 1,4-Dioxane	9.45	88	3323	445.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	45016	102.898	ug/l	98
52) Toluene	10.39	92	49759	21.985	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	24940	21.309	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	27993	20.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13619	21.772	ug/l	96
56) Ethyl methacrylate	10.65	69	15995	21.274	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22503	21.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	30401	87.681	ug/l	99
59) 2-Hexanone	10.97	43	29559	101.329	ug/l	99
60) Dibromochloromethane	11.13	129	17444	22.097	ug/l	97
61) 1,2-Dibromoethane	11.23	107	13166	21.298	ug/l	99
64) Tetrachloroethene	10.86	164	18766	21.006	ug/l	93
65) Chlorobenzene	11.66	112	54773	21.154	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	19171	21.022	ug/l	97
67) Ethyl Benzene	11.73	91	95505	21.454	ug/l	92
68) m/p-Xylenes	11.84	106	74789	43.215	ug/l	98
69) o-Xylene	12.17	106	35417	21.913	ug/l	98
70) Styrene	12.18	104	57190	21.907	ug/l	99
71) Bromoform	12.35	173	9561	20.483	ug/l #	97
73) Isopropylbenzene	12.47	105	97297	20.182	ug/l	99
74) N-amyl acetate	12.27	43	17369	19.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	14377	20.135	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	20062	38.672	ug/l	34
77) Bromobenzene	12.75	156	21530	20.148	ug/l	95
78) n-propylbenzene	12.81	91	113758	20.967	ug/l	100
79) 2-Chlorotoluene	12.90	91	66353	20.212	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	84777	20.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4289	18.263	ug/l	97
82) 4-Chlorotoluene	12.99	91	71135	20.556	ug/l	96
83) tert-Butylbenzene	13.21	119	72869	20.416	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	85087	20.412	ug/l	100
85) sec-Butylbenzene	13.39	105	101022	20.733	ug/l	95
86) p-Isopropyltoluene	13.50	119	91049	20.800	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	43434	20.386	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	43633	20.371	ug/l	96
89) n-Butylbenzene	13.83	91	84469	20.815	ug/l	99
90) Hexachloroethane	14.10	117	15680	20.132	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	39212	20.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2788	19.457	ug/l	96

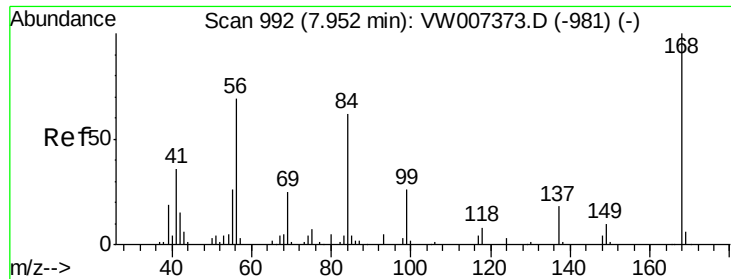
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26039	19.828	ug/l	95
94) Hexachlorobutadiene	15.24	225	13253	19.020	ug/l	100
95) Naphthalene	15.38	128	48256	19.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	22401	19.636	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

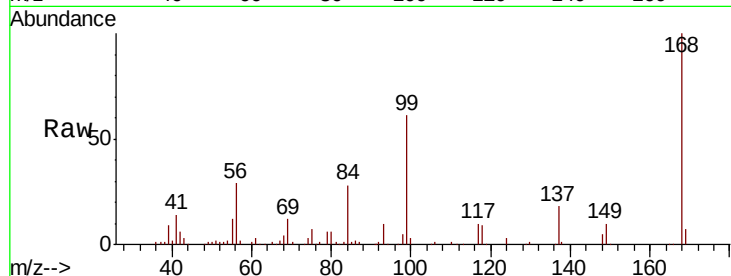
VW1213SBS01

Tgt Ion: 168 Resp: 83292

Ion Ratio Lower Upper

168 100

99 60.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

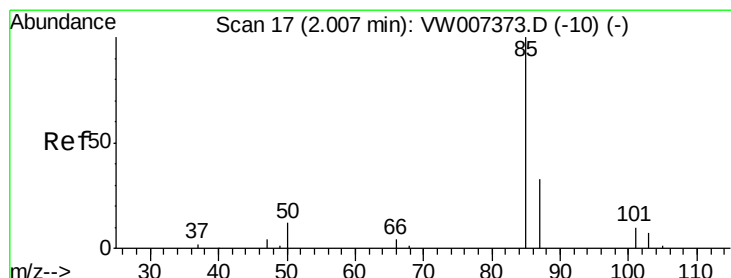
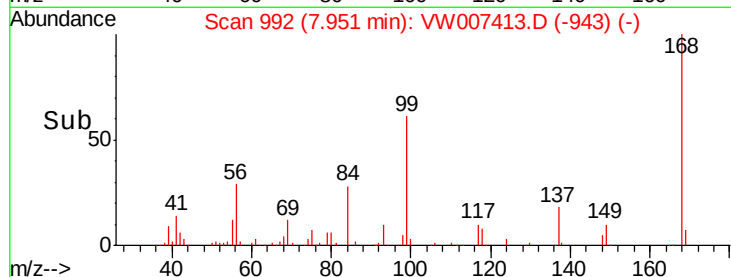
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.472 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007413.D

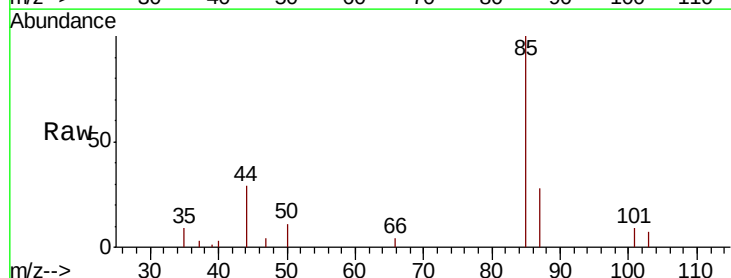
Acq: 12 Dec 2018 00:55

Tgt Ion: 85 Resp: 11916

Ion Ratio Lower Upper

85 100

87 27.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

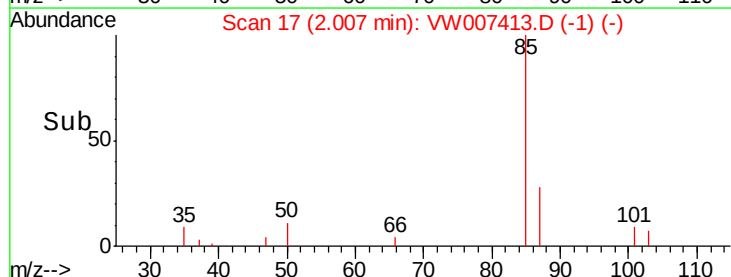
2000

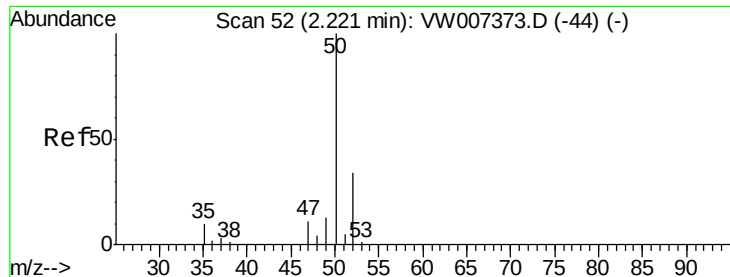
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.473 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

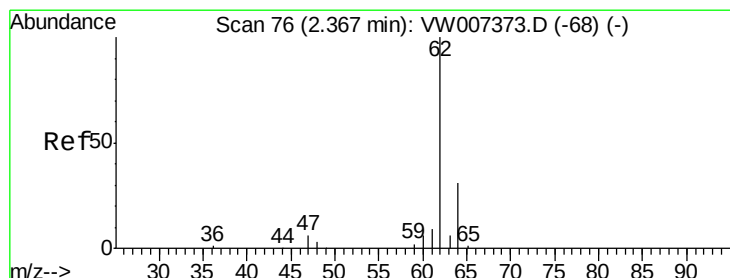
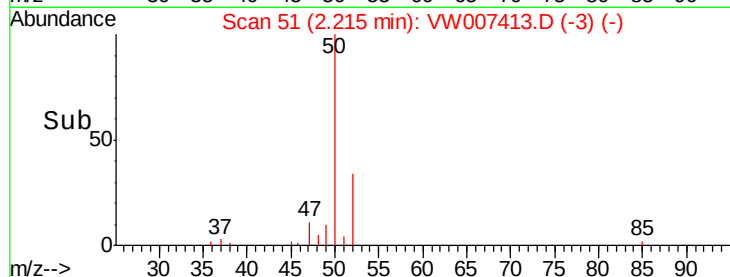
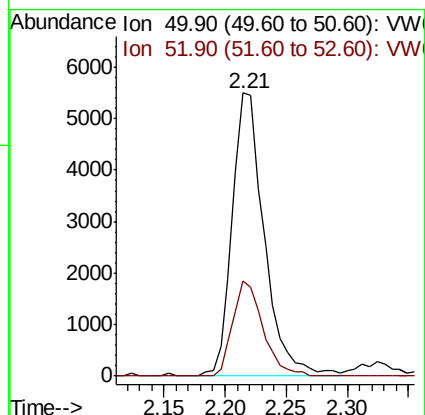
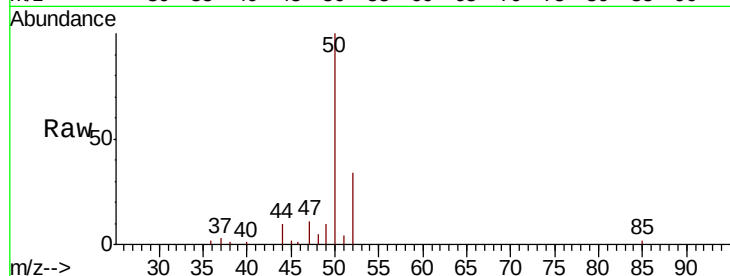
VW1213SBS01

Tgt Ion: 50 Resp: 9980

Ion Ratio Lower Upper

50 100

52 33.6 27.4 41.0



#4

Vinyl Chloride

Concen: 21.197 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007413.D

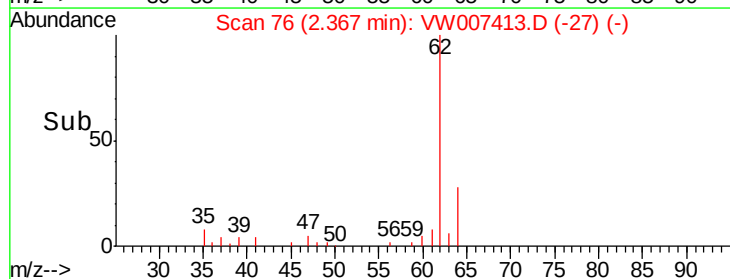
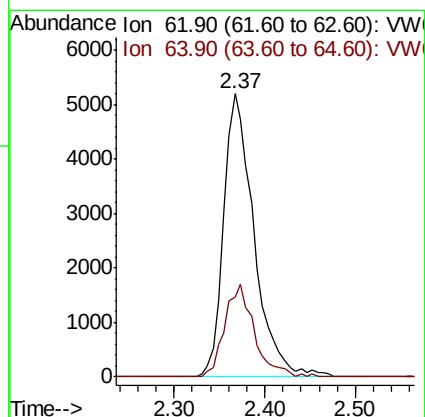
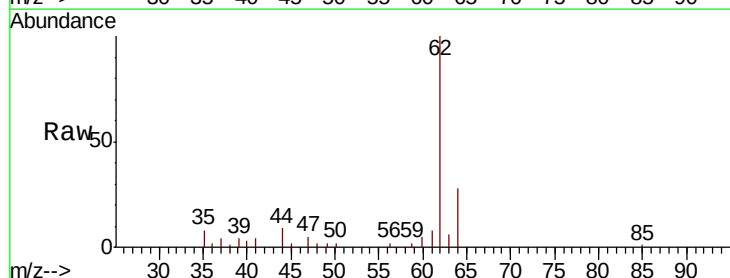
Acq: 12 Dec 2018 00:55

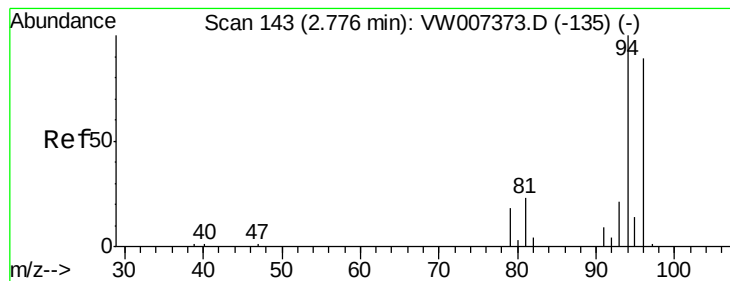
Tgt Ion: 62 Resp: 12126

Ion Ratio Lower Upper

62 100

64 28.4 24.6 37.0





#5

Bromomethane

Concen: 20.580 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

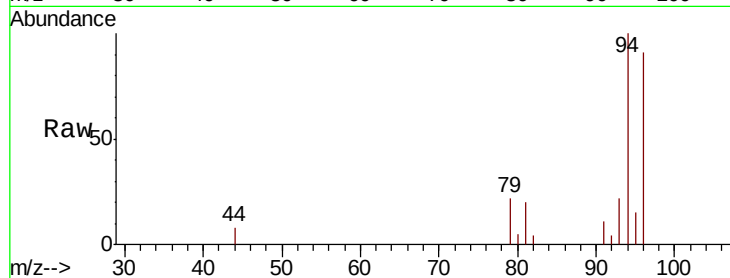
VW1213SBS01

Tgt Ion: 94 Resp: 7910

Ion Ratio Lower Upper

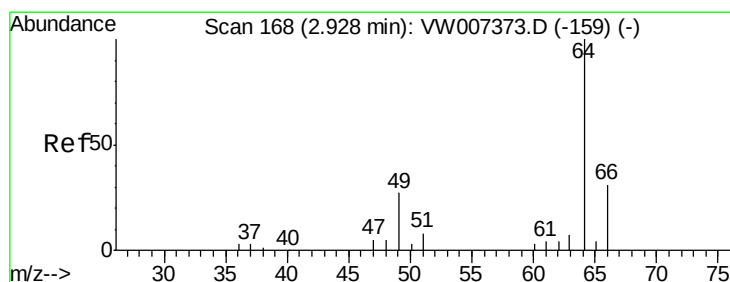
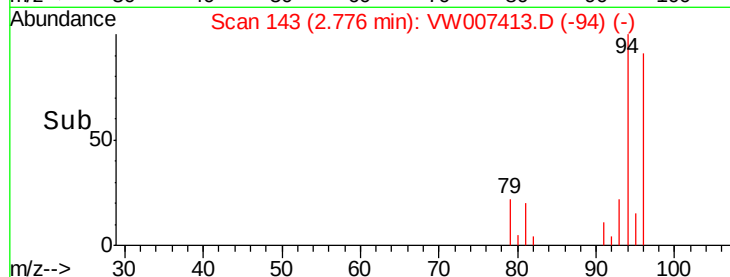
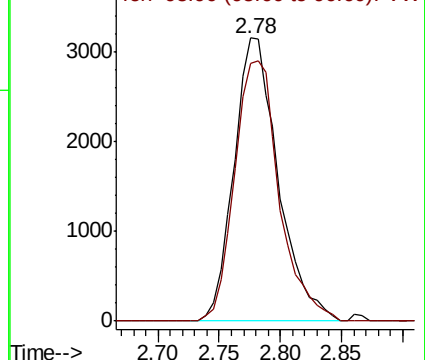
94 100

96 91.3 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.495 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007413.D

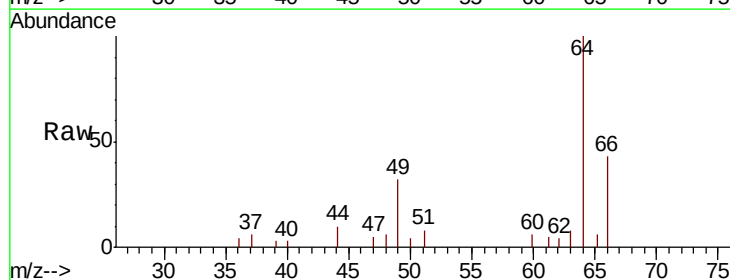
Acq: 12 Dec 2018 00:55

Tgt Ion: 64 Resp: 6139

Ion Ratio Lower Upper

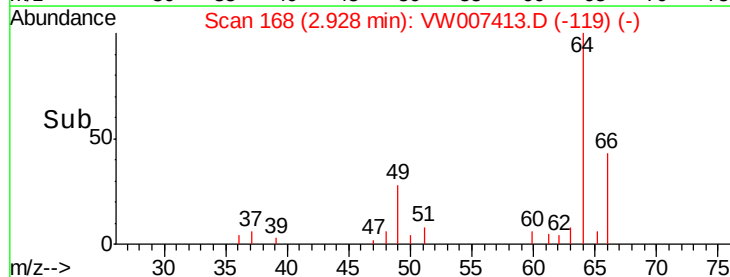
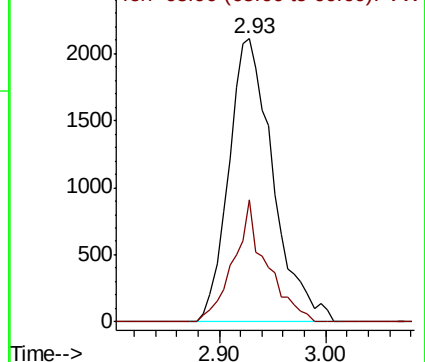
64 100

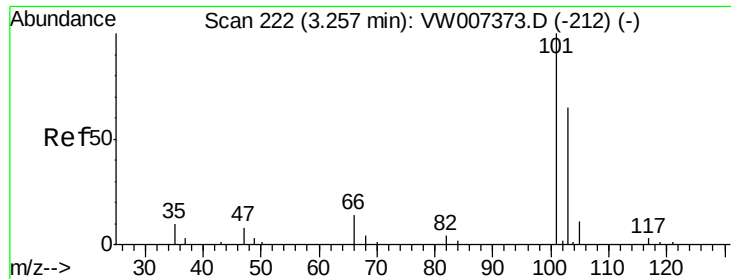
66 43.1 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



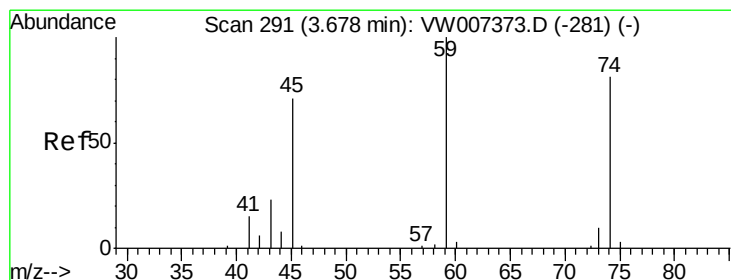
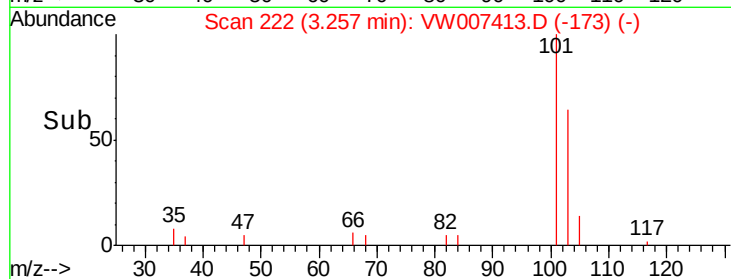
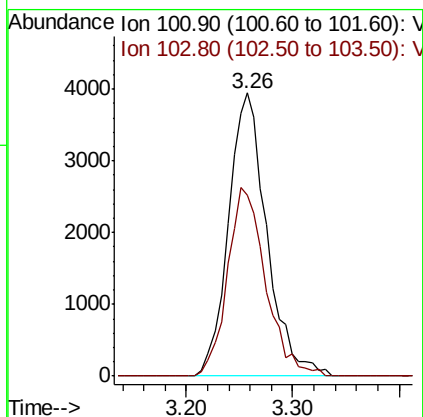
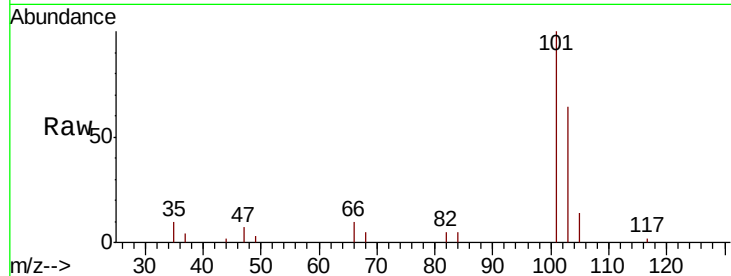


#7

Trichlorofluoromethane
 Concen: 19.284 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

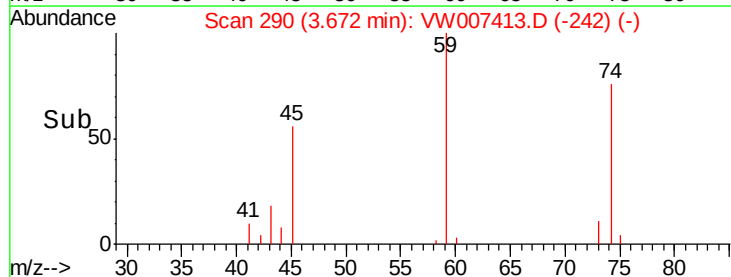
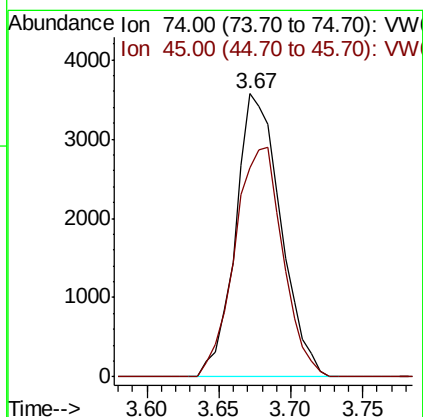
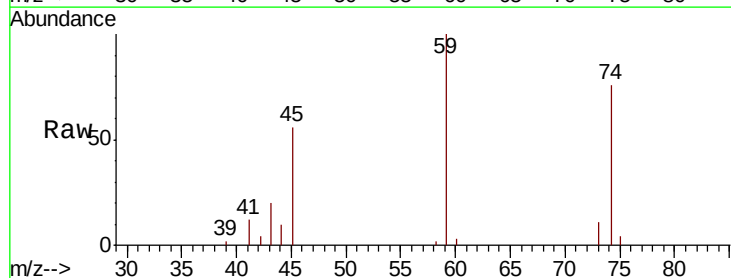
Tgt Ion: 101 Resp: 9918
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.7 77.5

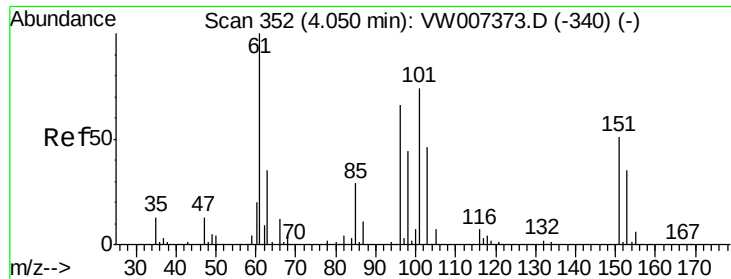


#8

Diethyl Ether
 Concen: 19.315 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 74 Resp: 7775
 Ion Ratio Lower Upper
 74 100
 45 86.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.269 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

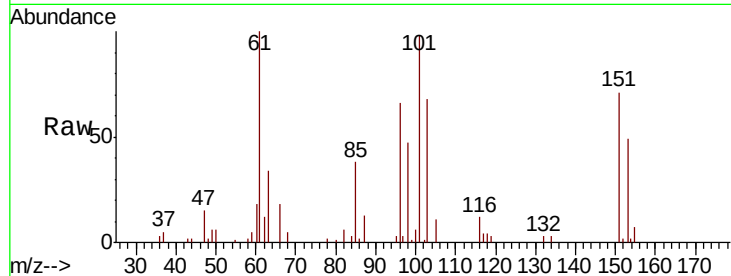
Tgt Ion:101 Resp: 17201

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

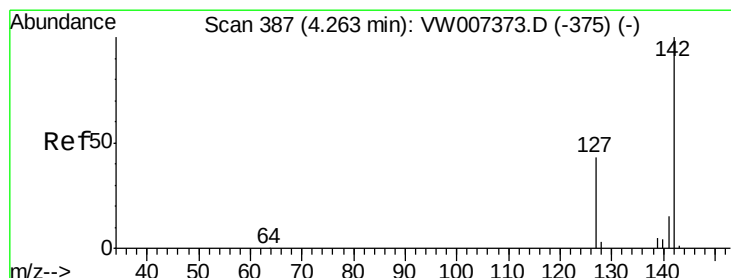
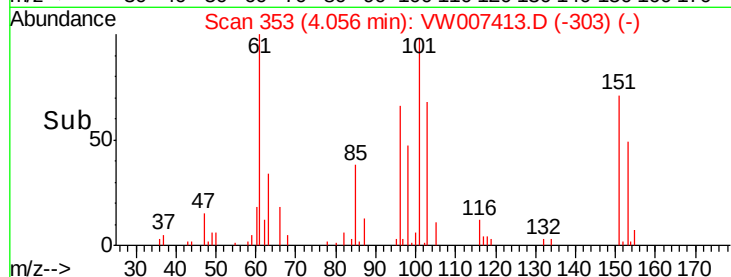
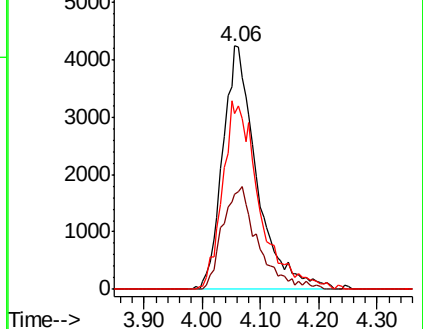
151 83.1 63.7 95.5



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: 20.393 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

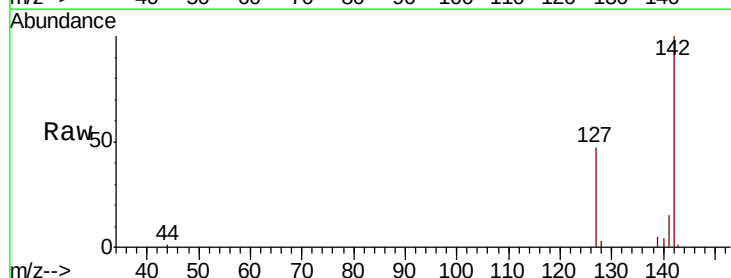
Tgt Ion:142 Resp: 28663

Ion Ratio Lower Upper

142 100

127 46.4 35.8 53.6

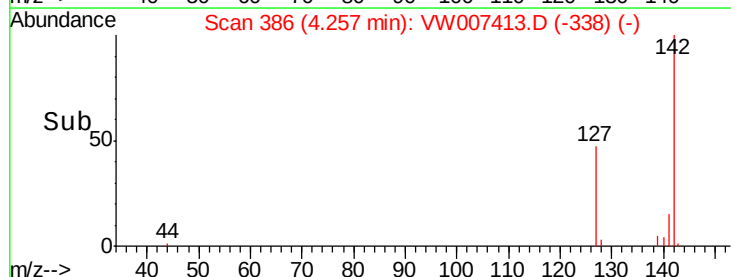
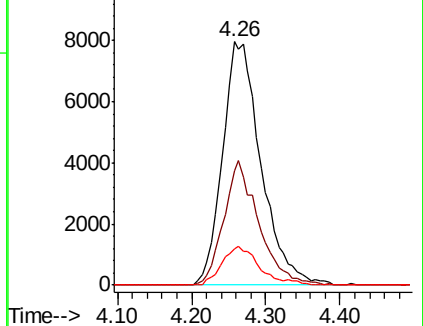
141 15.4 11.1 16.7

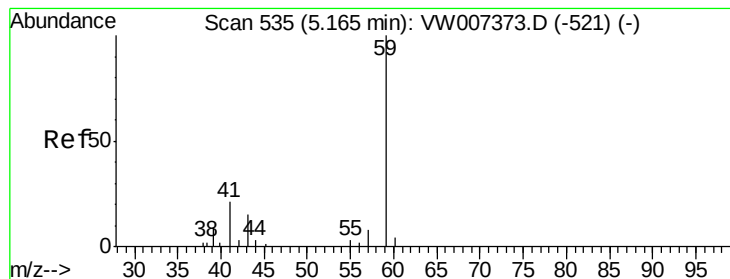


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



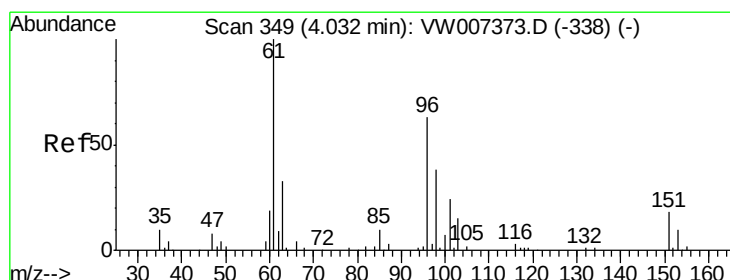
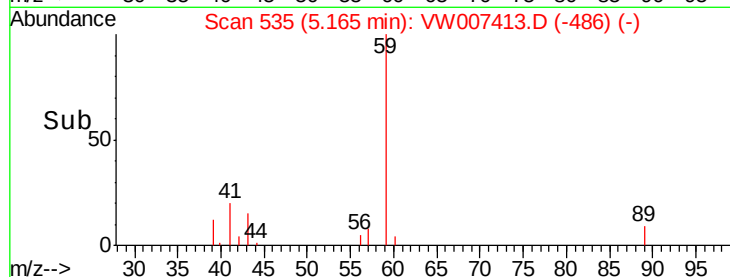
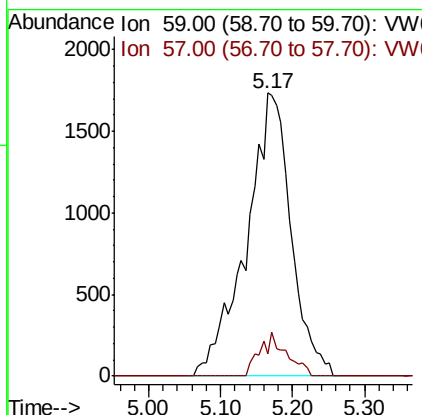
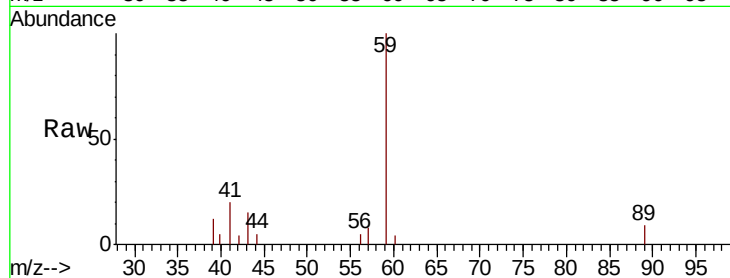


#11

Tert butyl alcohol
 Concen: 117.895 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

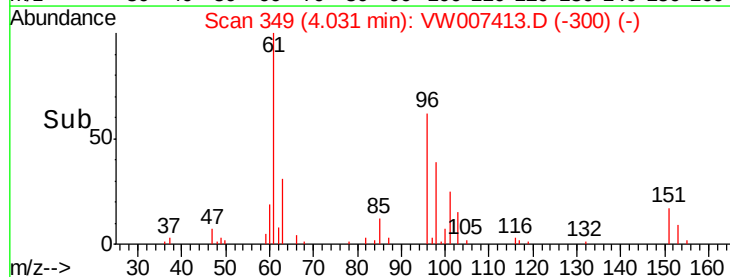
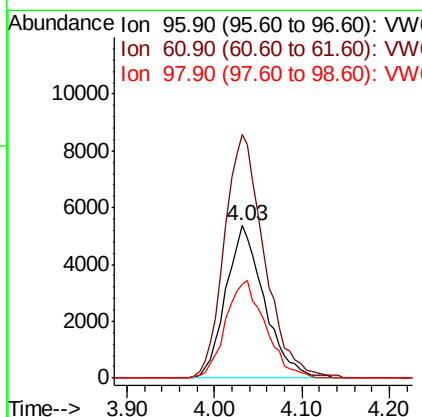
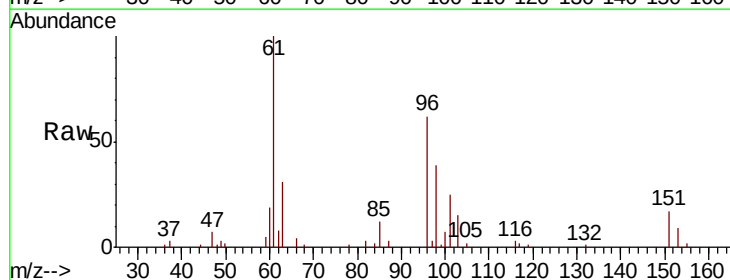
Tgt Ion: 59 Resp: 7482
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.6 11.4

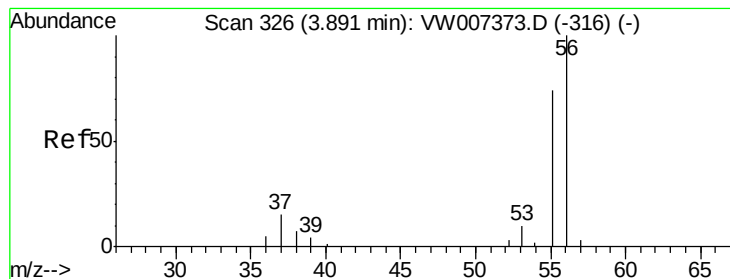


#12

1,1-Dichloroethene
 Concen: 20.008 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 96 Resp: 16348
 Ion Ratio Lower Upper
 96 100
 61 160.0 126.2 189.2
 98 61.6 48.3 72.5





#13

Acrolein

Concen: 106.232 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

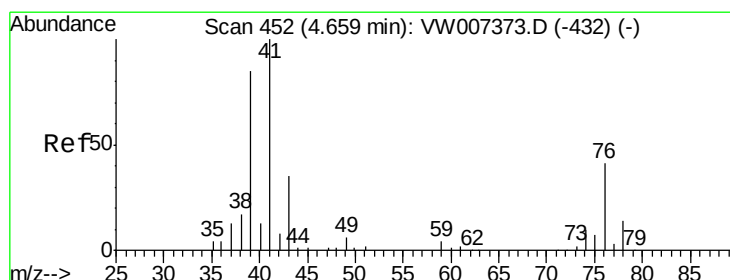
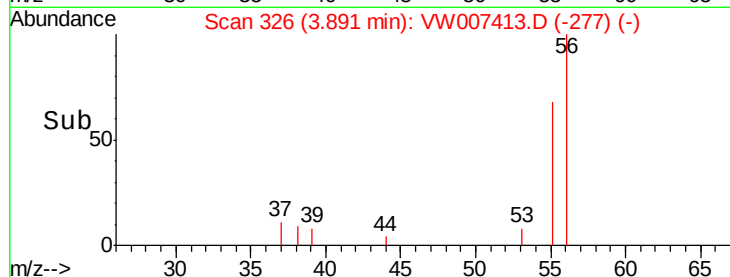
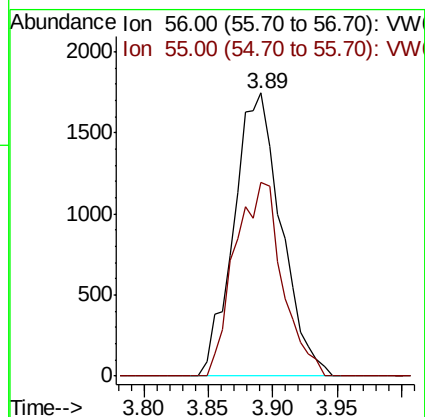
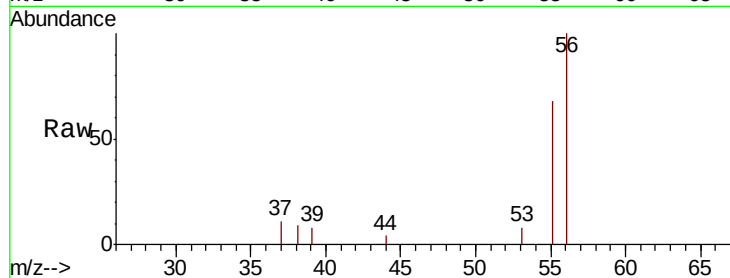
VW1213SBS01

Tgt Ion: 56 Resp: 4461

Ion Ratio Lower Upper

56 100

55 68.5 57.4 86.2



#14

Allyl chloride

Concen: 19.984 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

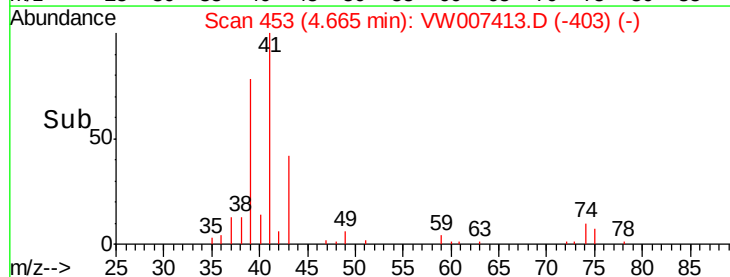
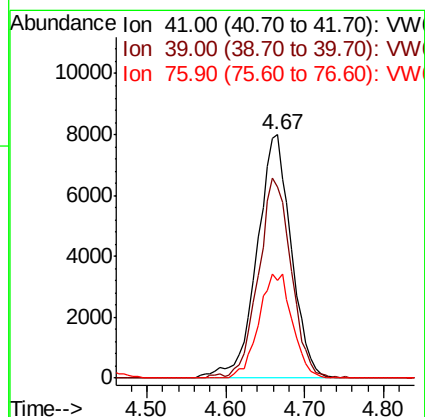
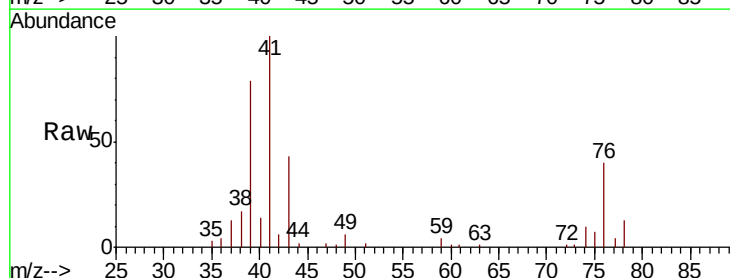
Tgt Ion: 41 Resp: 24068

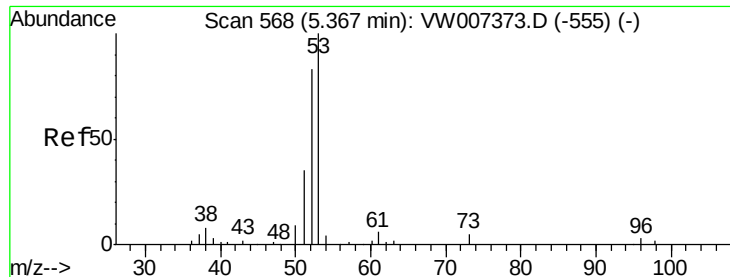
Ion Ratio Lower Upper

41 100

39 78.3 63.4 95.2

76 41.8 32.1 48.1





#15

Acrylonitrile

Concen: 97.517 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

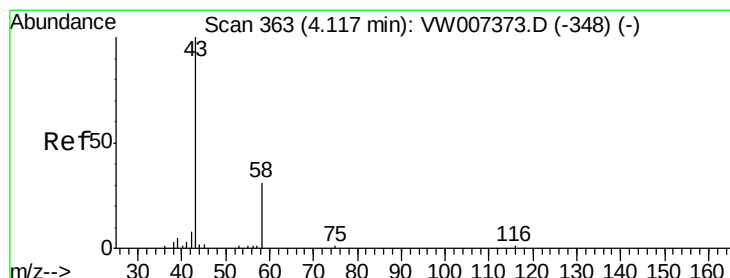
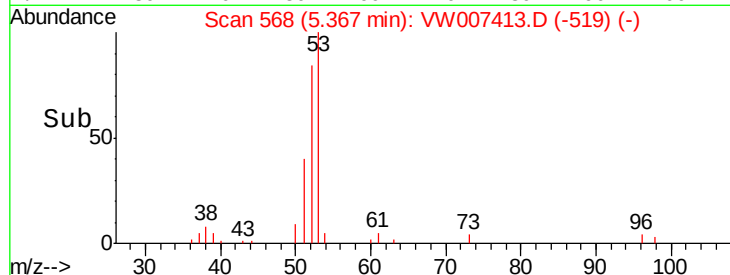
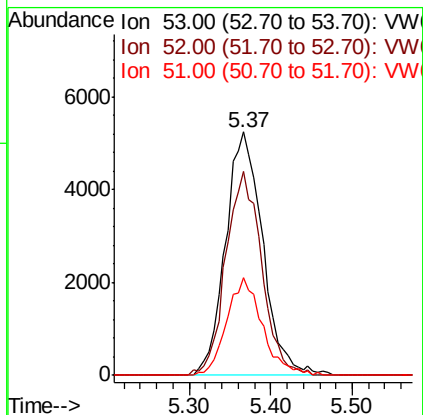
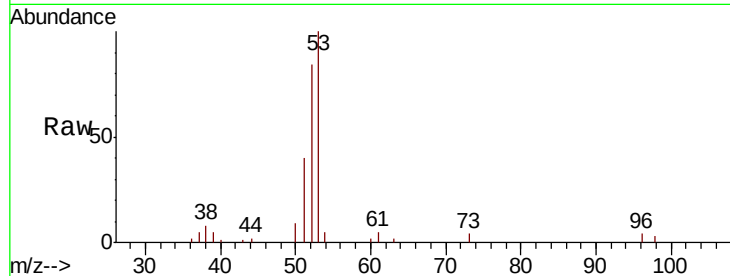
Tgt Ion: 53 Resp: 16548

Ion Ratio Lower Upper

53 100

52 80.5 67.4 101.2

51 38.1 30.2 45.2



#16

Acetone

Concen: 94.836 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007413.D

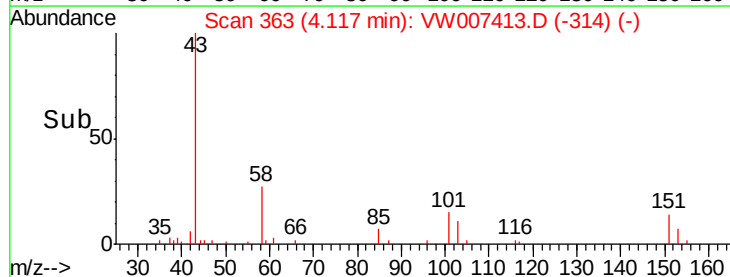
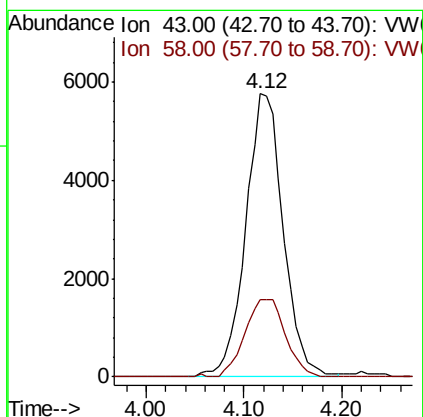
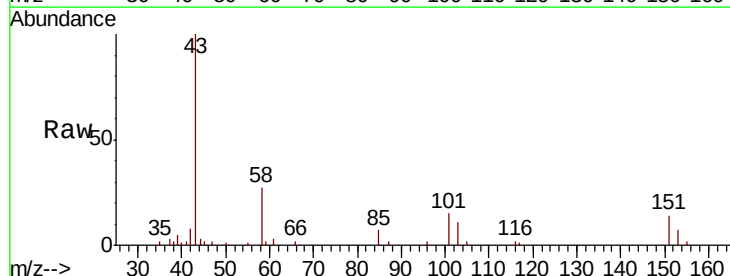
Acq: 12 Dec 2018 00:55

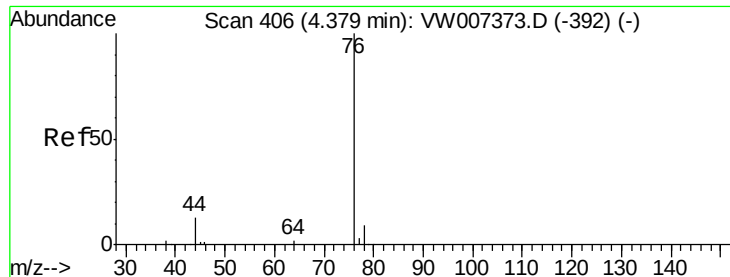
Tgt Ion: 43 Resp: 15307

Ion Ratio Lower Upper

43 100

58 27.4 24.9 37.3

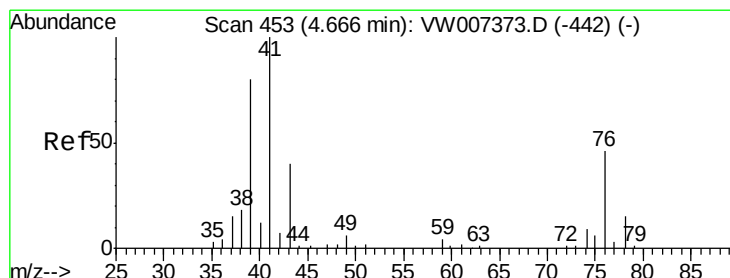
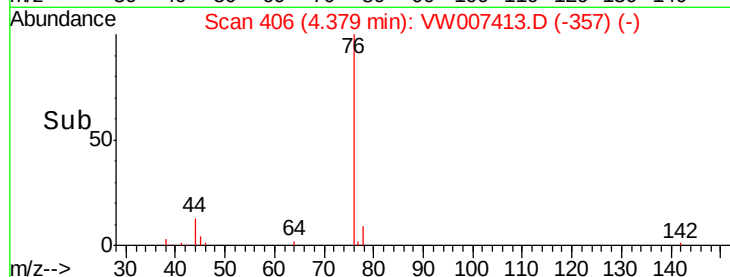
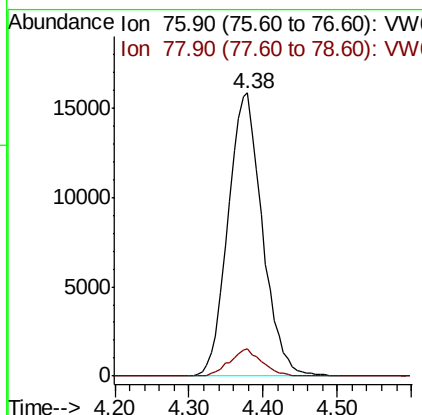
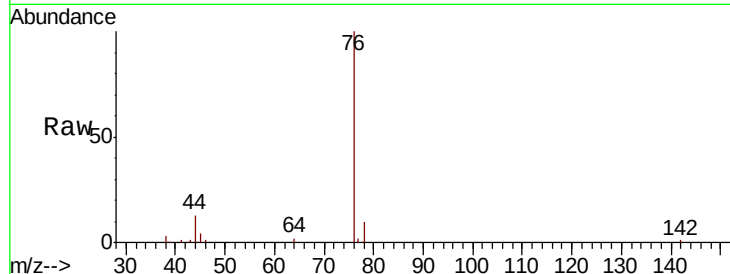




#17
Carbon Disulfide
Concen: 20.555 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

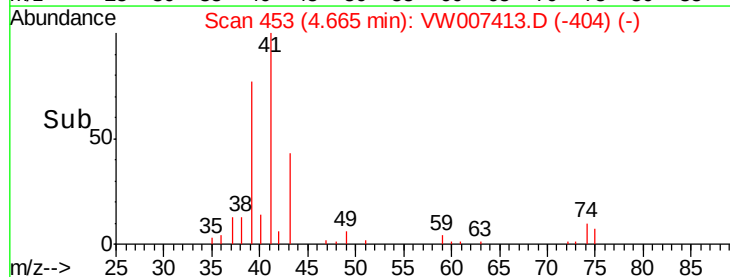
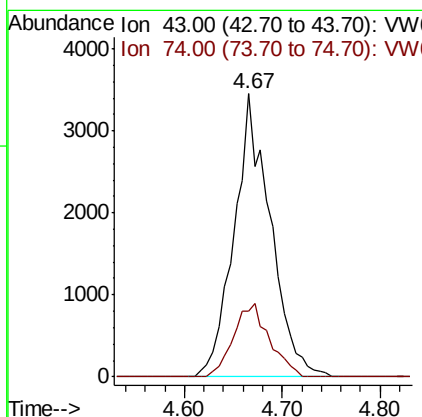
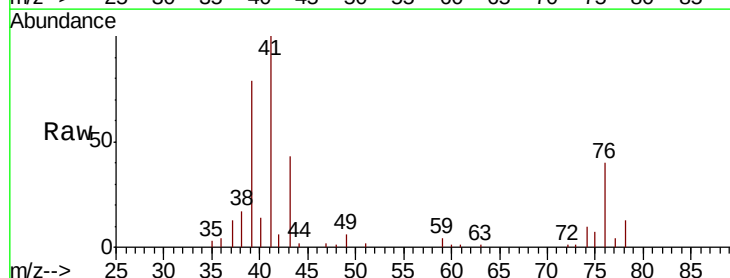
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

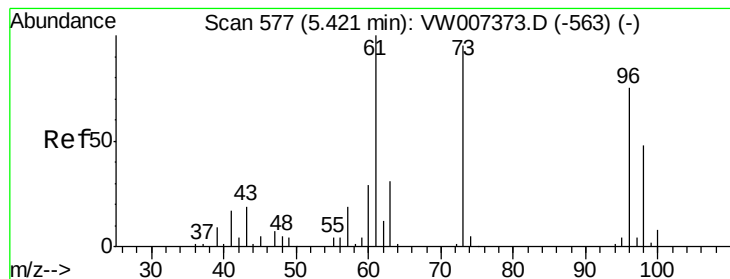
Tgt Ion: 76 Resp: 50924
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 20.241 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 43 Resp: 8867
Ion Ratio Lower Upper
43 100
74 25.6 21.1 31.7



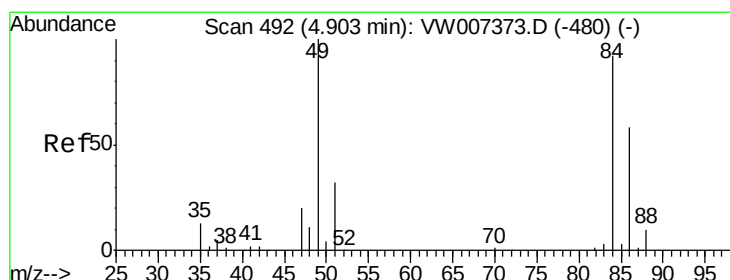
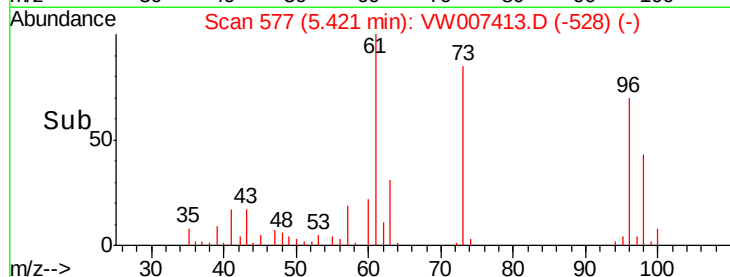
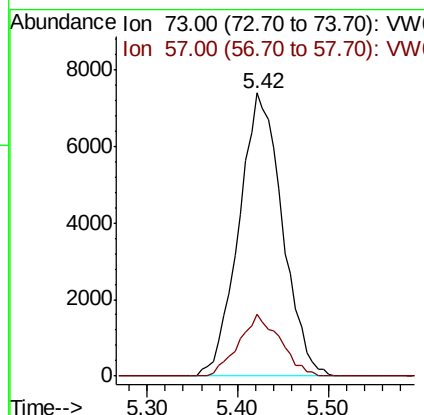
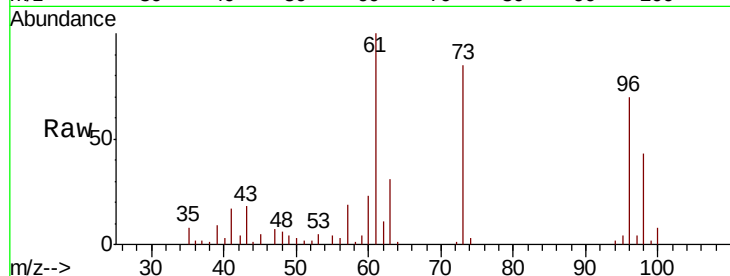


#19

Methyl tert-butyl Ether
 Concen: 19.938 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

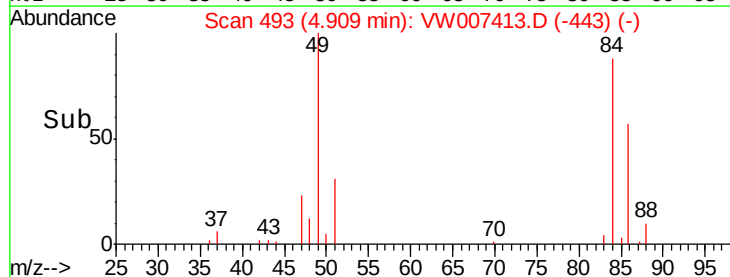
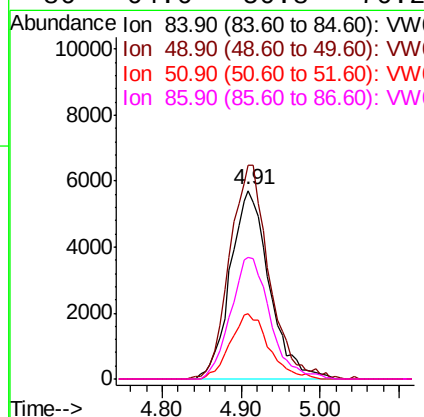
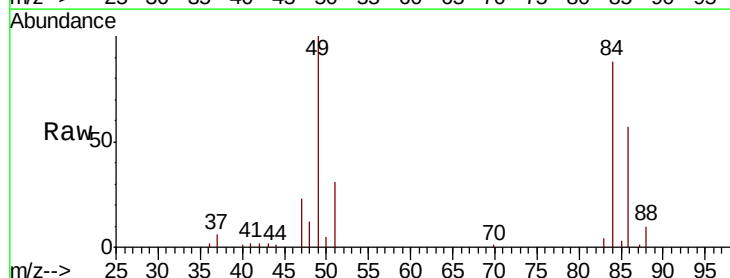
Tgt Ion: 73 Resp: 24576
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.4 24.6

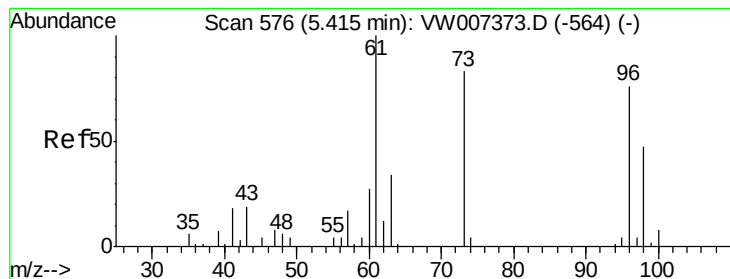


#20

Methylene Chloride
 Concen: 19.960 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 84 Resp: 19695
 Ion Ratio Lower Upper
 84 100
 49 112.4 87.1 130.7
 51 34.9 28.2 42.2
 86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.235 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

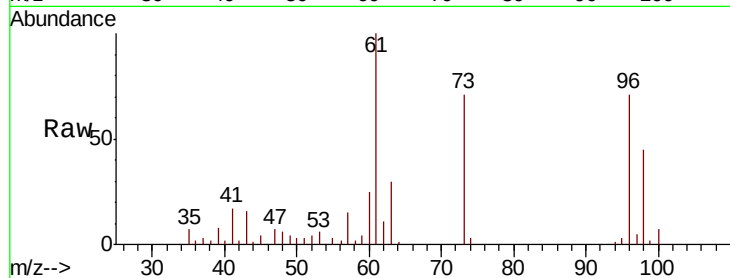
Tgt Ion: 96 Resp: 18495

Ion Ratio Lower Upper

96 100

61 140.9 105.0 157.6

98 63.7 49.7 74.5

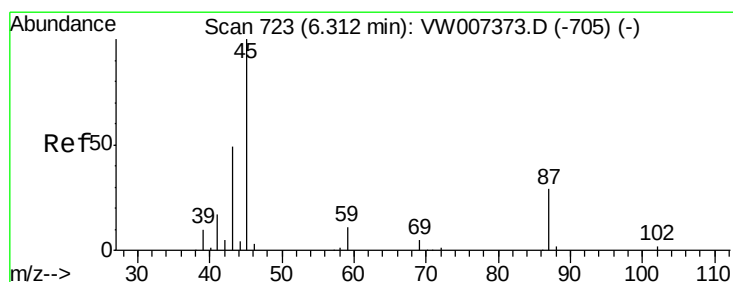
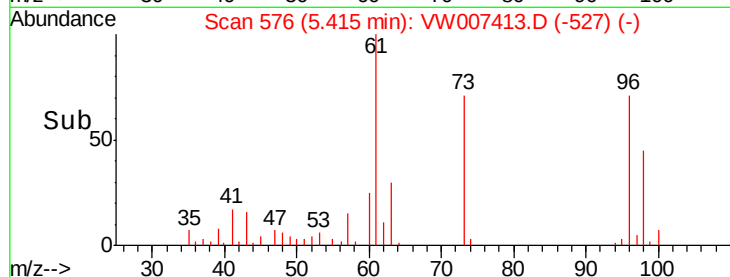
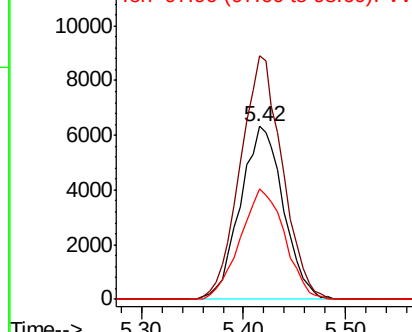


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.298 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion: 45 Resp: 46989

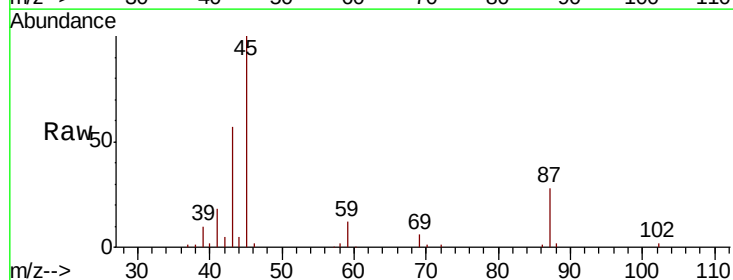
Ion Ratio Lower Upper

45 100

43 56.9 41.6 62.4

87 28.1 24.3 36.5

59 12.5 9.4 14.0



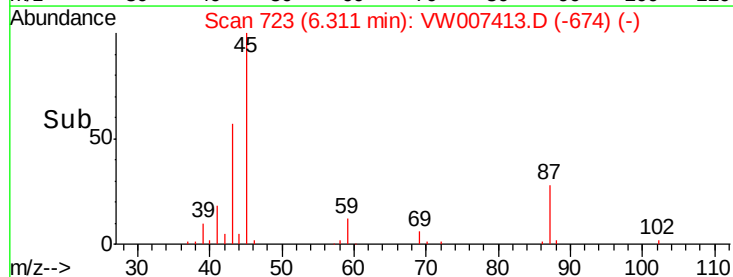
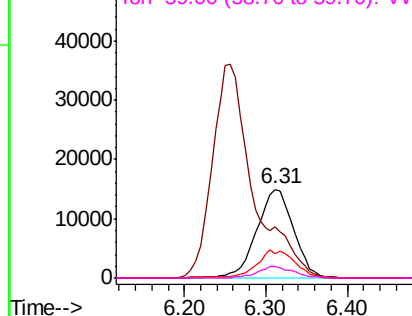
Abundance

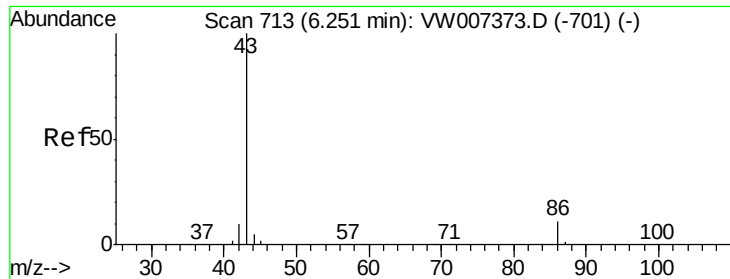
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

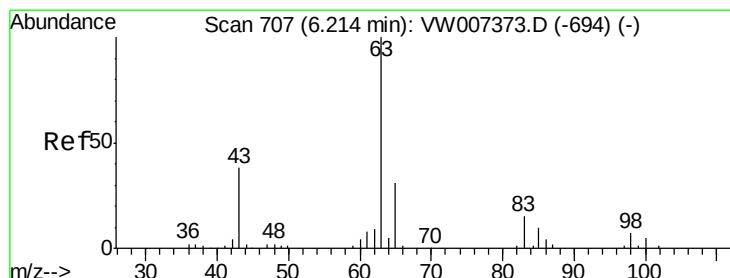
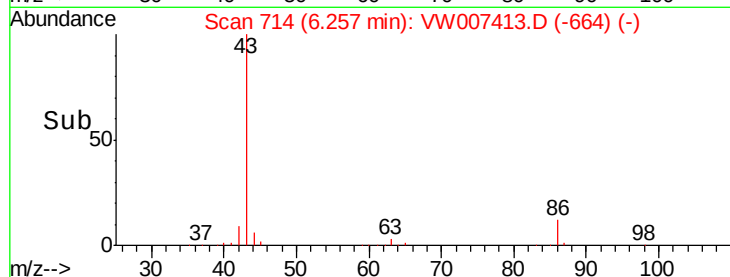
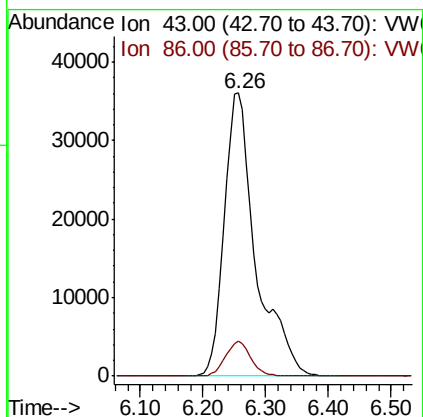
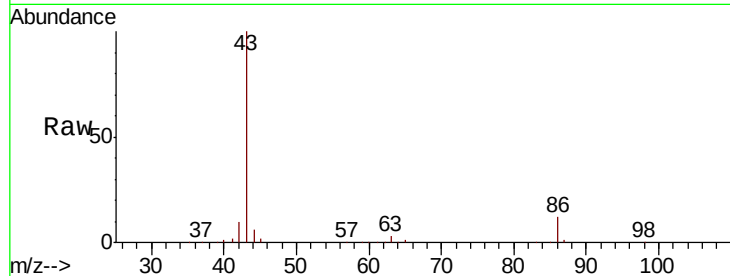




#23
 Vinyl Acetate
 Concen: 97.011 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

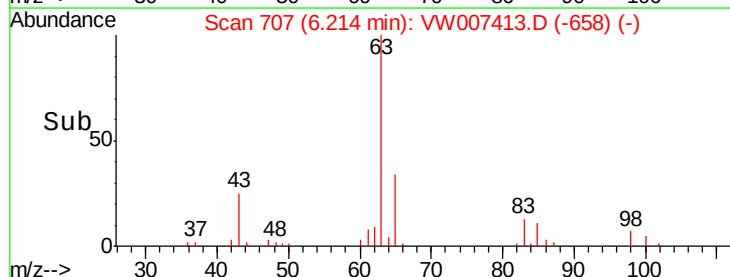
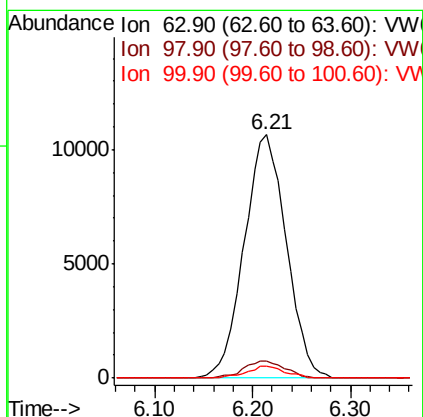
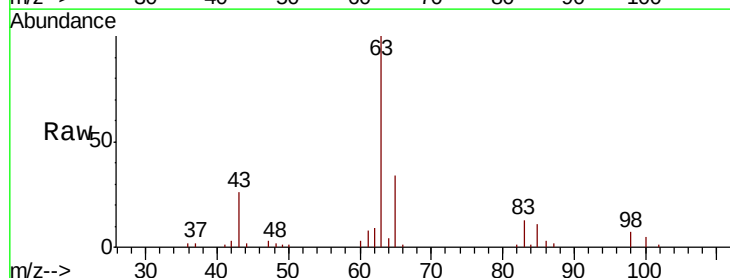
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

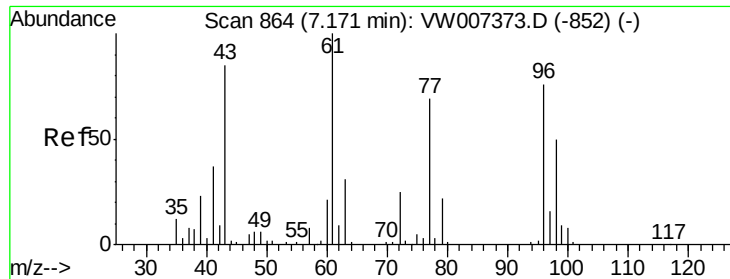
Tgt Ion: 43 Resp: 125615
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.364 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 63 Resp: 31861
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 93.994 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

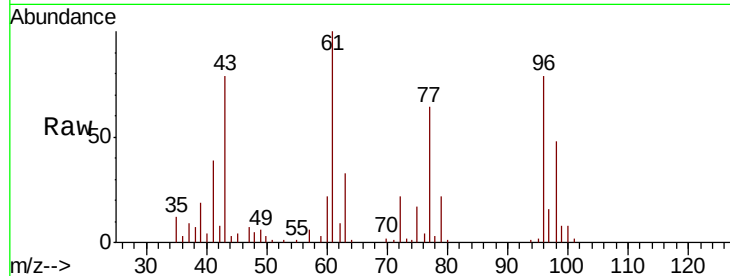
VW1213SBS01

Tgt Ion: 43 Resp: 19806

Ion Ratio Lower Upper

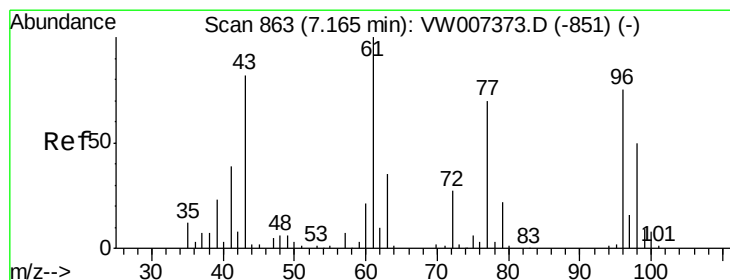
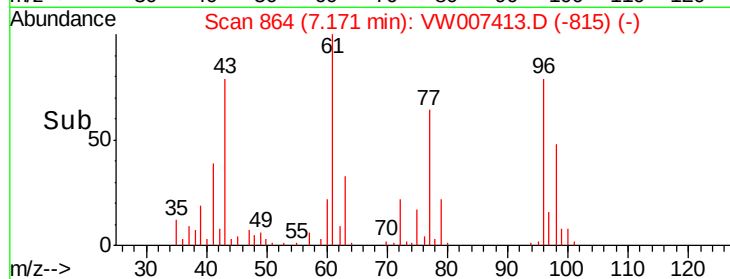
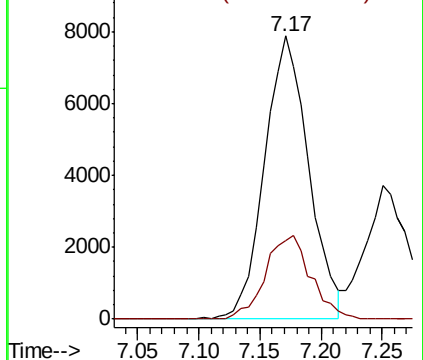
43 100

72 27.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 20.120 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007413.D

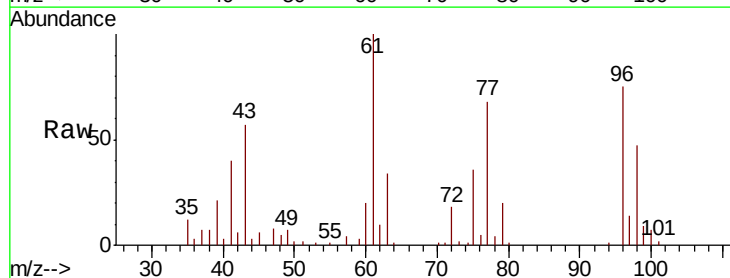
Acq: 12 Dec 2018 00:55

Tgt Ion: 77 Resp: 20834

Ion Ratio Lower Upper

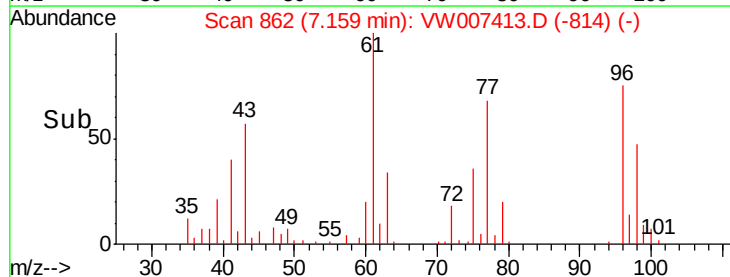
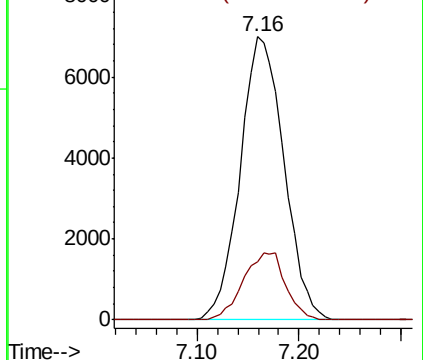
77 100

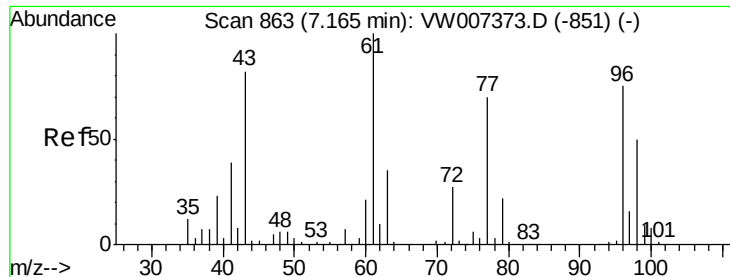
97 23.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



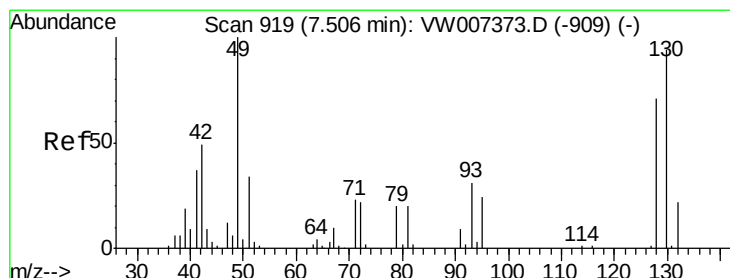
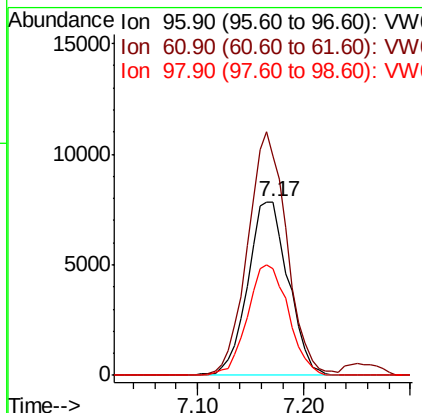
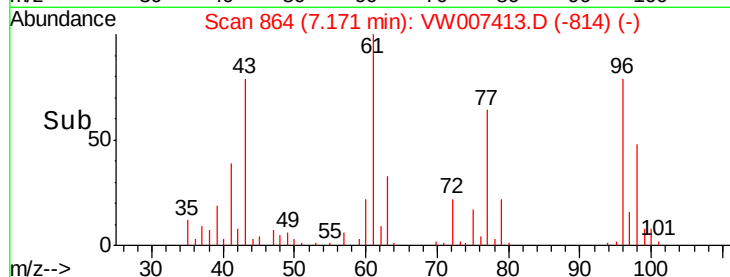
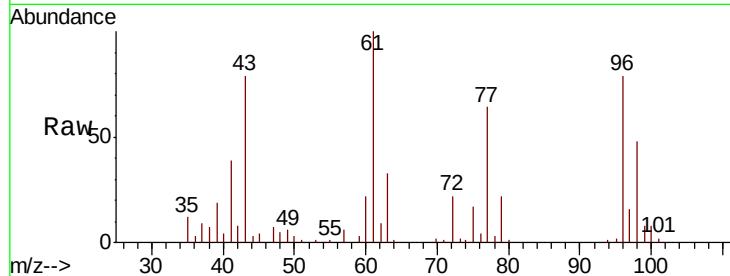


#27

cis-1,2-Dichloroethene
Concen: 20.907 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

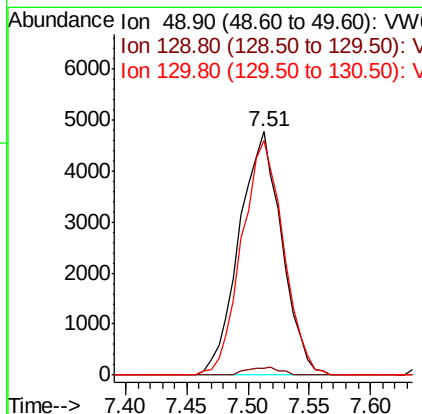
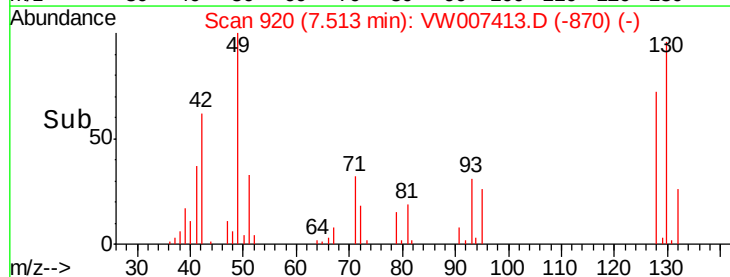
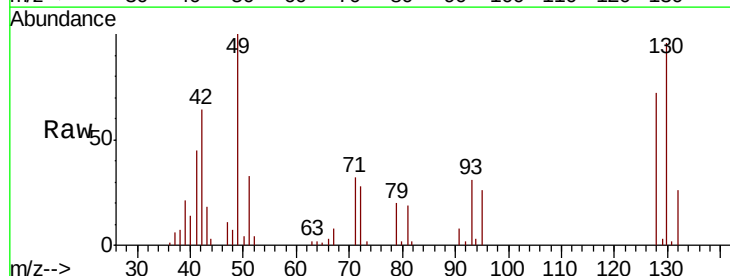
Tgt Ion: 96 Resp: 20924
Ion Ratio Lower Upper
96 100
61 135.7 0.0 268.4
98 64.0 0.0 127.8

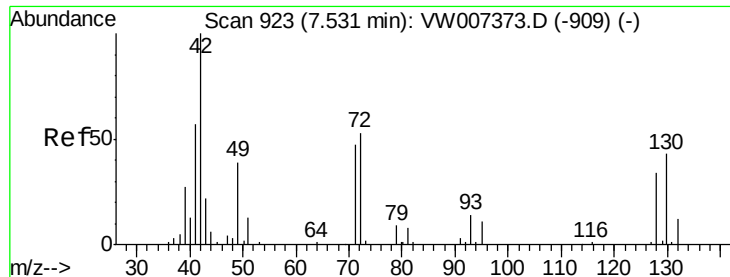


#28

Bromochloromethane
Concen: 19.643 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 49 Resp: 11560
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.6
130 94.3 75.9 113.9

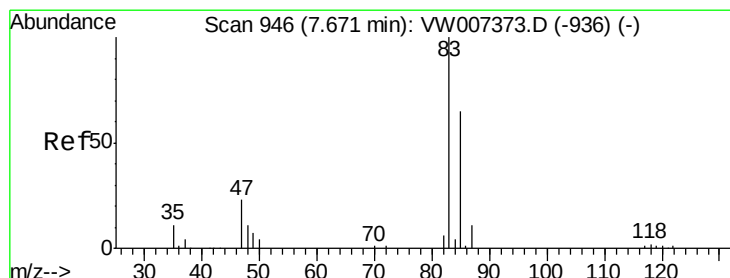
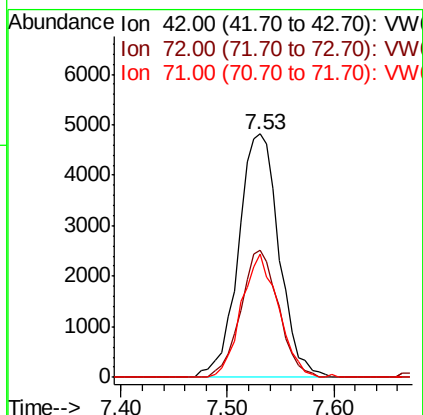
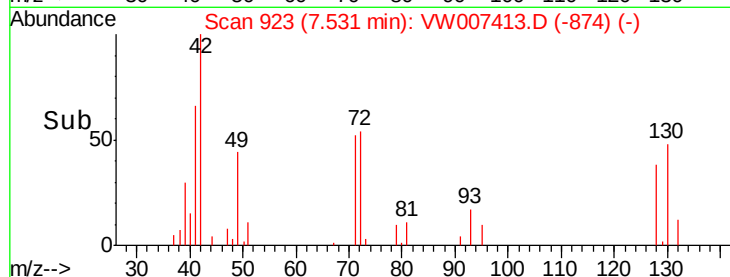
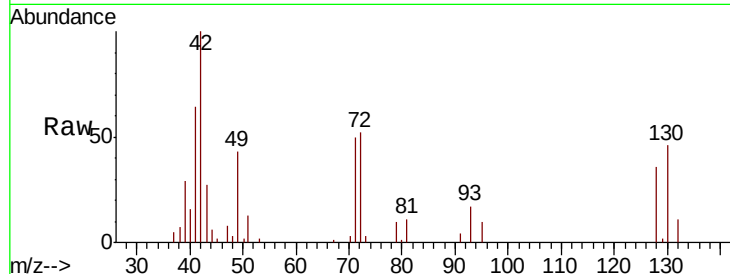




#29
Tetrahydrofuran
Concen: 96.726 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

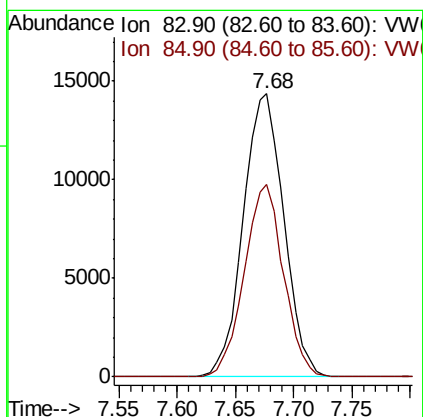
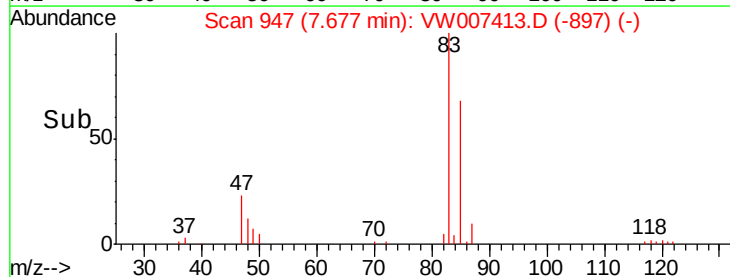
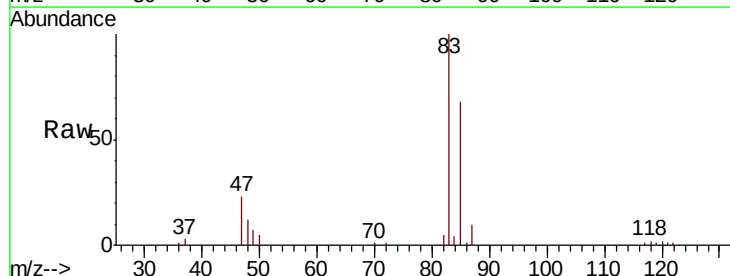
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

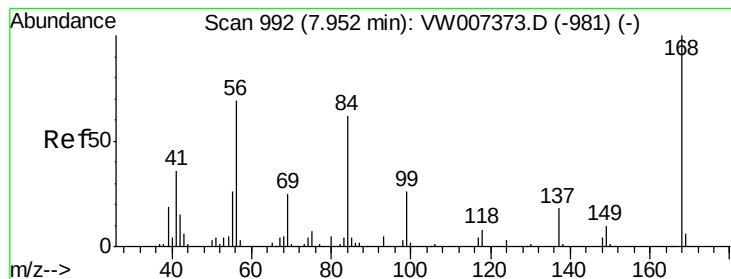
Tgt Ion: 42 Resp: 12903
Ion Ratio Lower Upper
42 100
72 48.4 38.2 57.4
71 46.0 35.5 53.3



#30
Chloroform
Concen: 20.441 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 83 Resp: 34805
Ion Ratio Lower Upper
83 100
85 67.9 51.8 77.8





#31

Cyclohexane

Concen: 19.625 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213BSD01

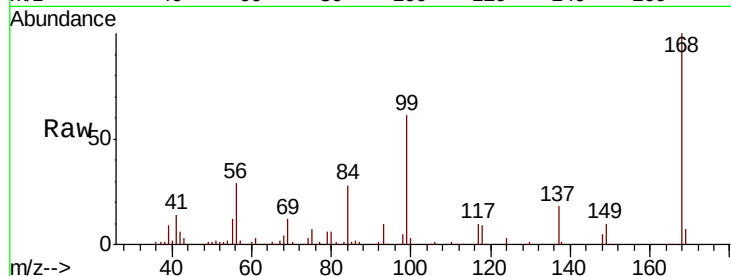
Tgt Ion: 56 Resp: 28172

Ion Ratio Lower Upper

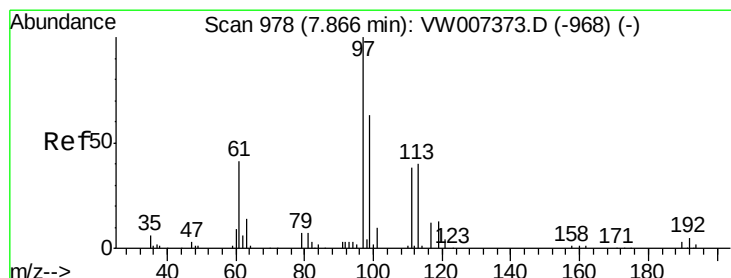
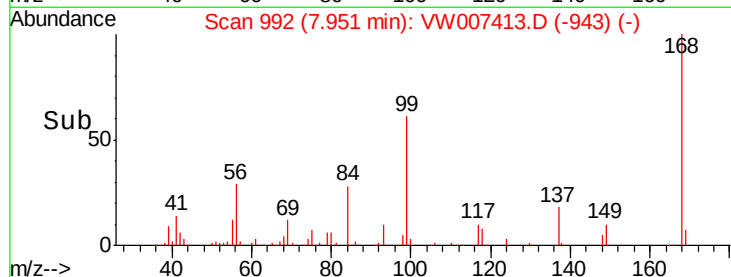
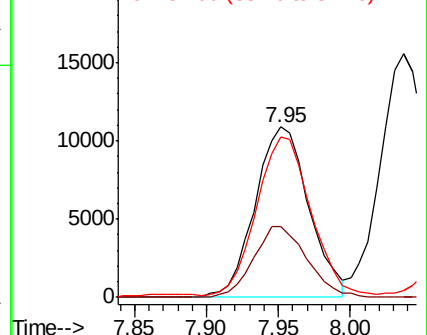
56 100

69 41.6 28.9 43.3

84 92.3 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 20.470 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

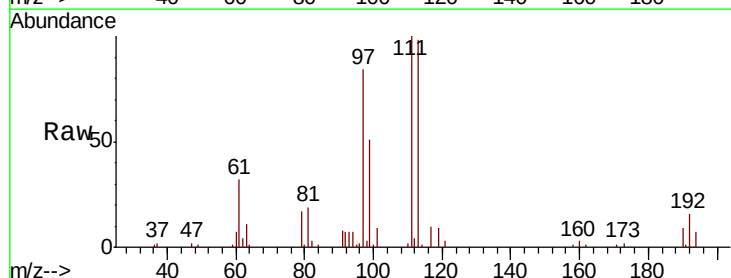
Tgt Ion: 97 Resp: 30564

Ion Ratio Lower Upper

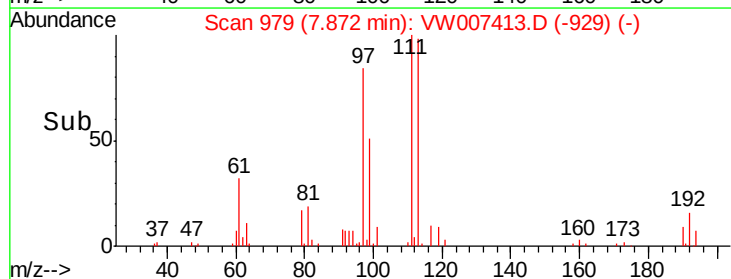
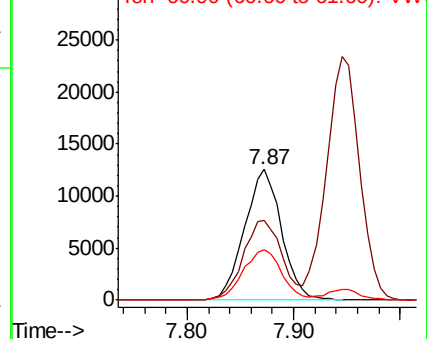
97 100

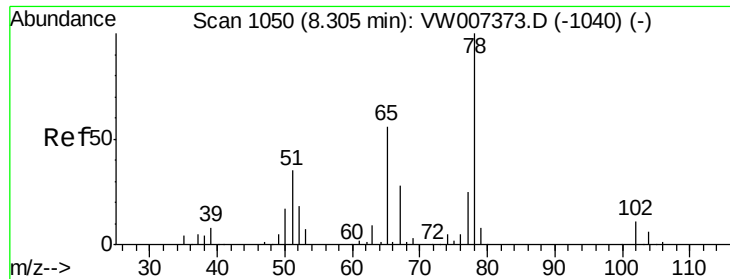
99 64.7 51.1 76.7

61 40.3 33.2 49.8



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

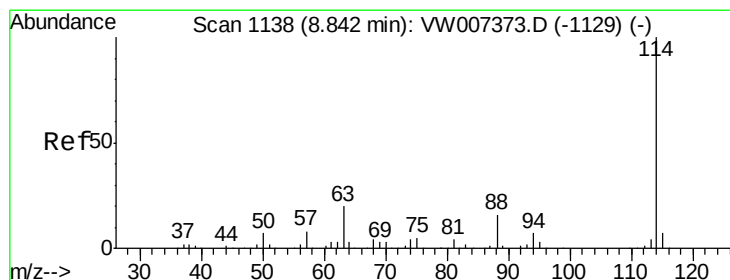
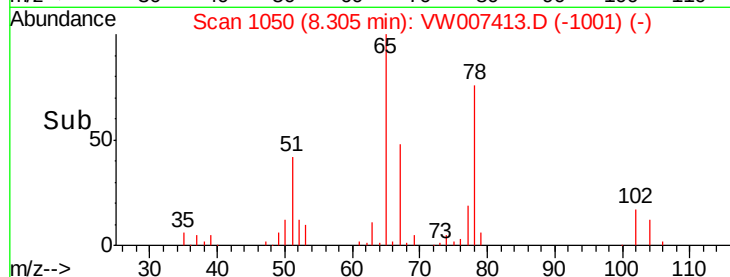
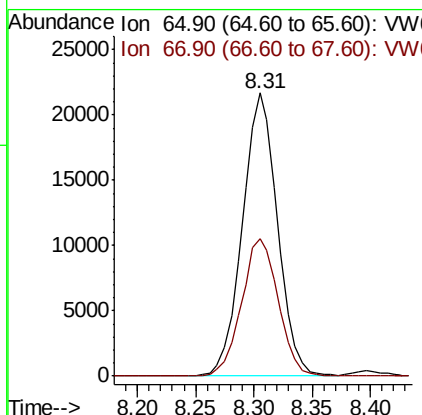
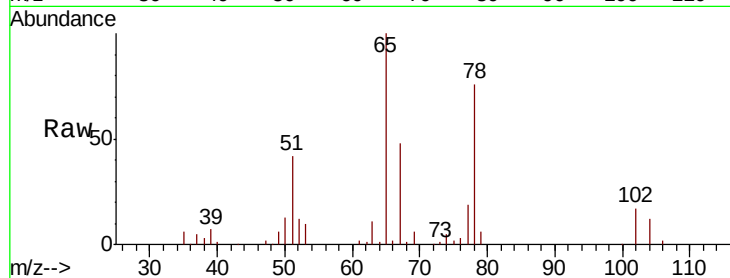




#33
 1,2-Dichloroethane-d4
 Concen: 49.211 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

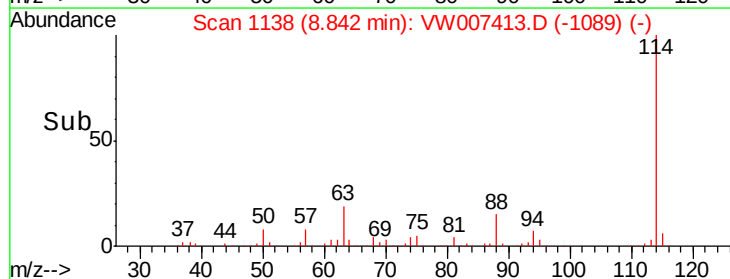
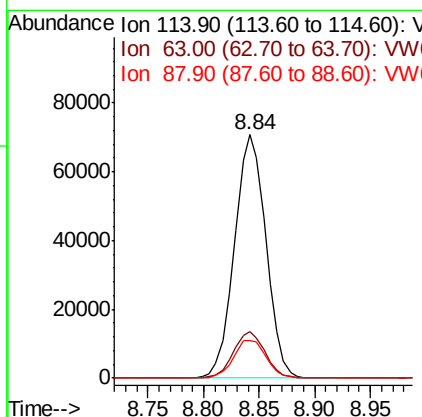
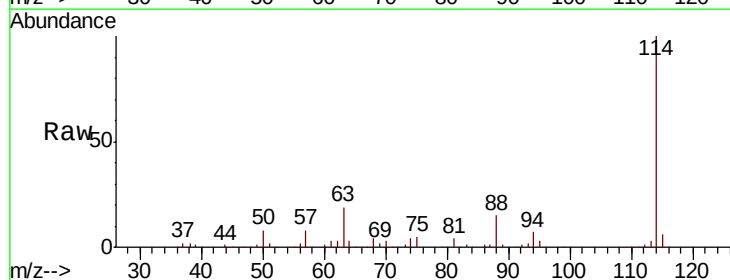
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

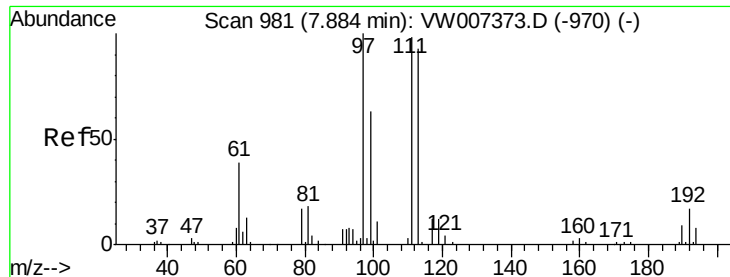
Tgt Ion: 65 Resp: 45474
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 114 Resp: 138150
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.025 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

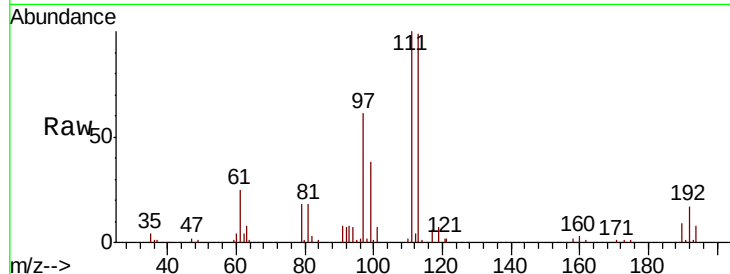
Tgt Ion: 113 Resp: 42671

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

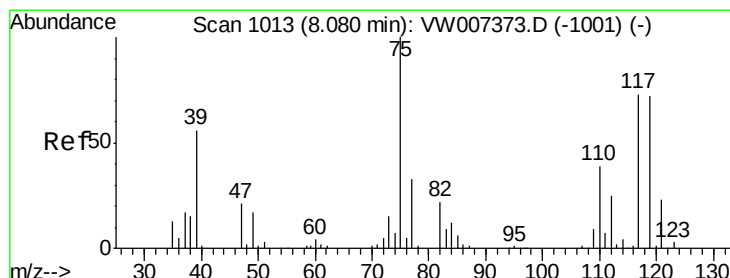
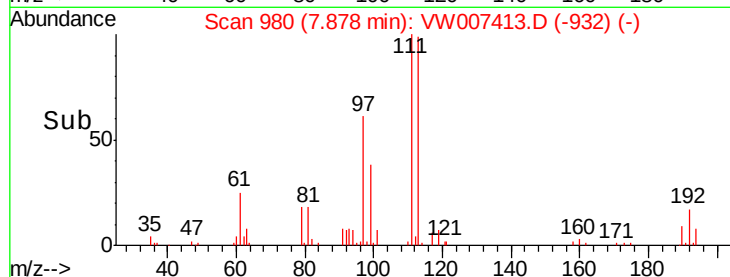
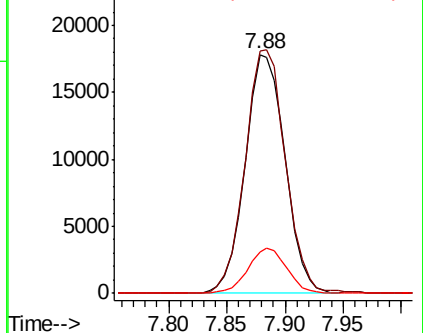
192 18.4 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.942 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

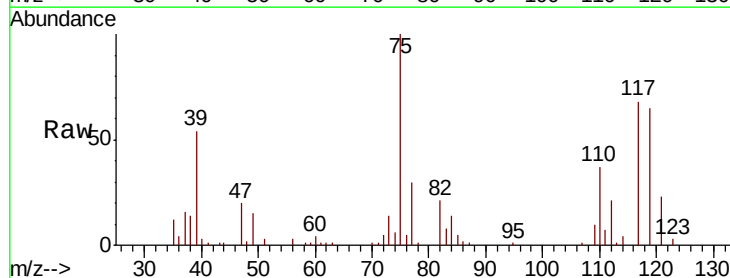
Tgt Ion: 75 Resp: 26392

Ion Ratio Lower Upper

75 100

110 37.5 18.5 55.5

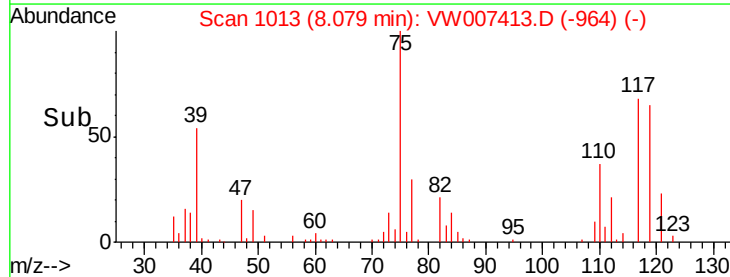
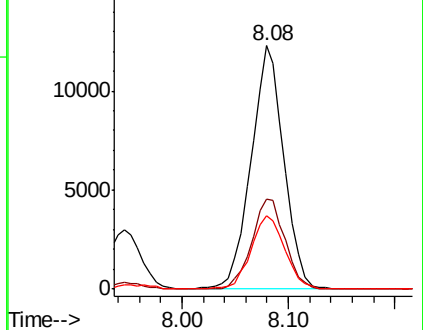
77 31.2 25.6 38.4

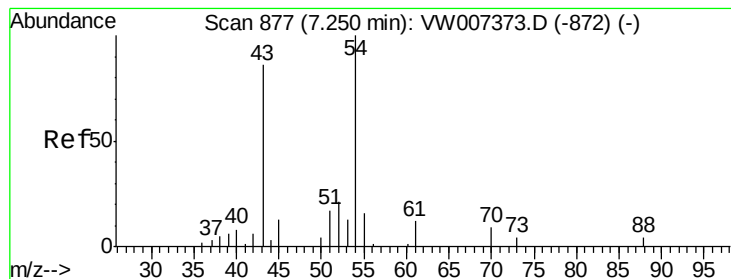


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 19.228 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

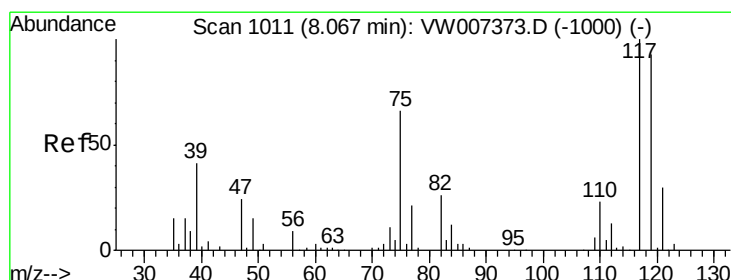
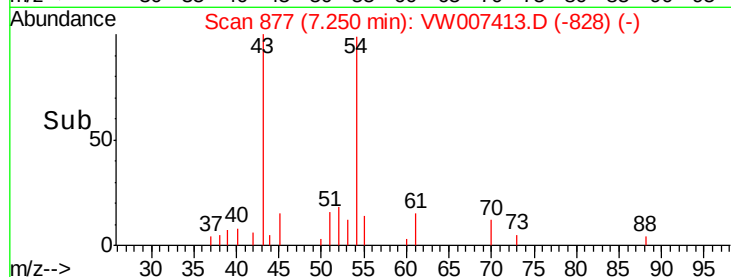
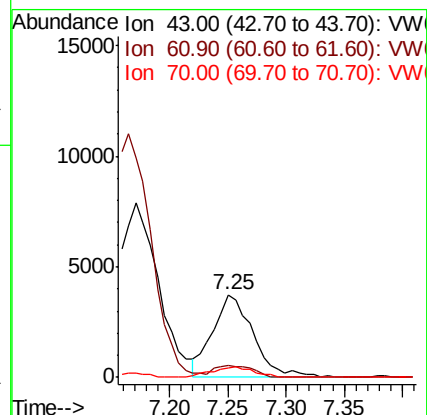
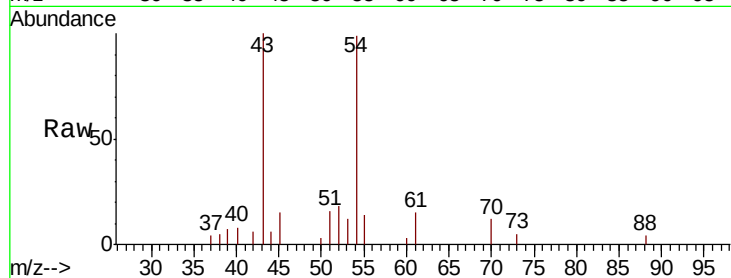
Tgt Ion: 43 Resp: 9013

Ion Ratio Lower Upper

43 100

61 13.2 12.1 18.1

70 13.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.965 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

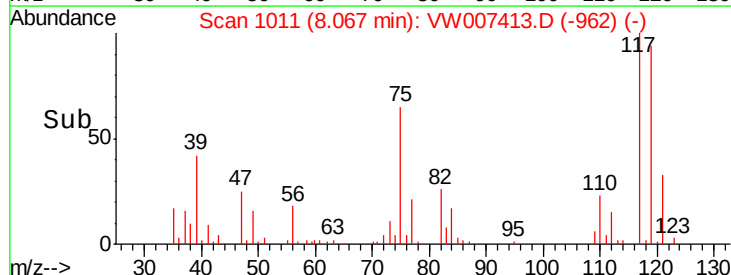
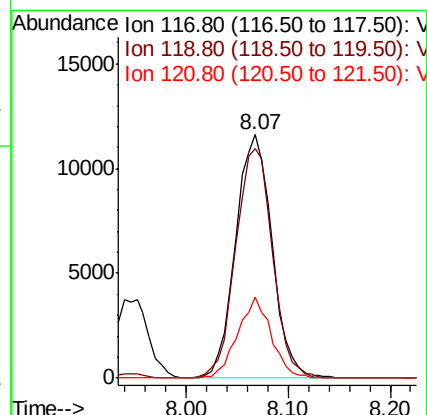
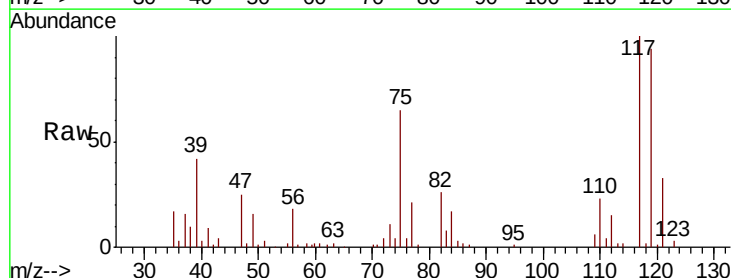
Tgt Ion: 117 Resp: 28748

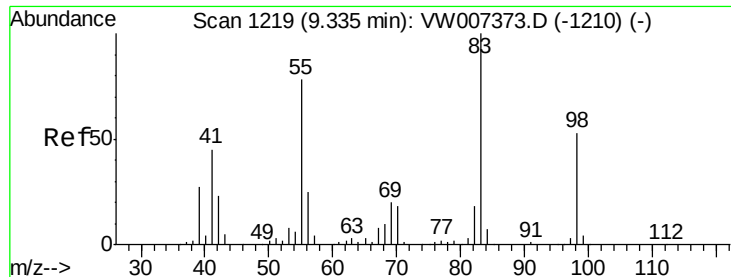
Ion Ratio Lower Upper

117 100

119 94.1 74.3 111.5

121 33.4 24.3 36.5





#39

Methylcyclohexane

Concen: 21.016 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

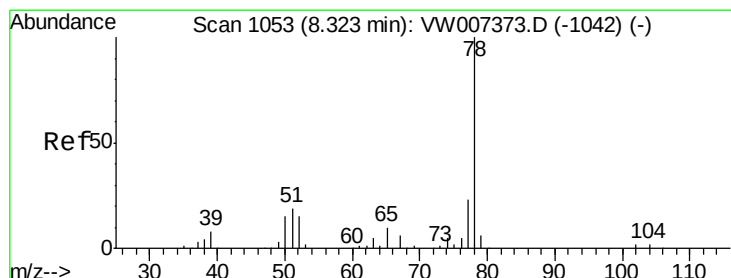
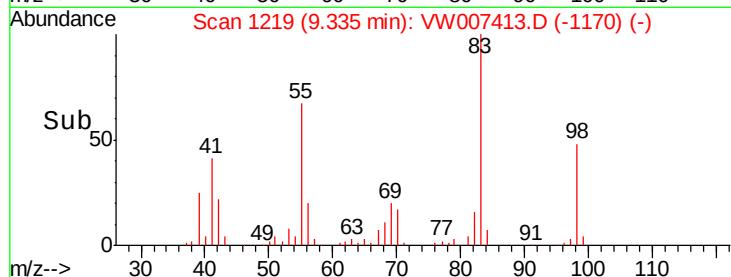
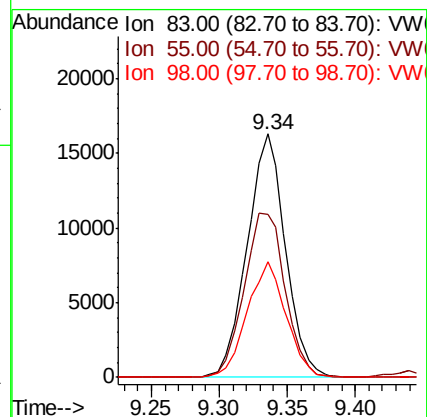
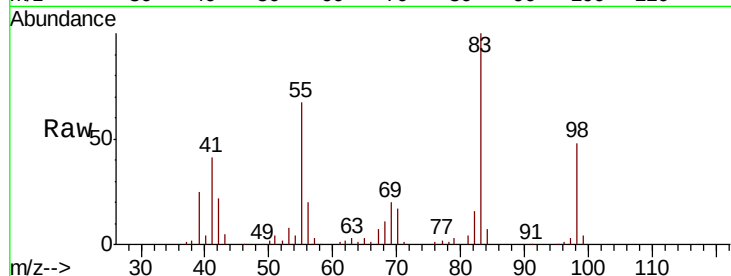
Tgt Ion: 83 Resp: 32071

Ion Ratio Lower Upper

83 100

55 66.7 62.8 94.2

98 47.7 42.2 63.2



#40

Benzene

Concen: 21.009 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007413.D

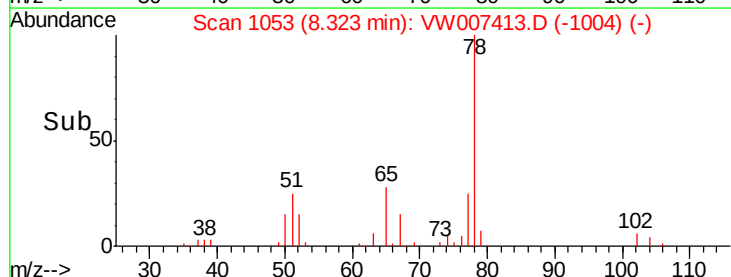
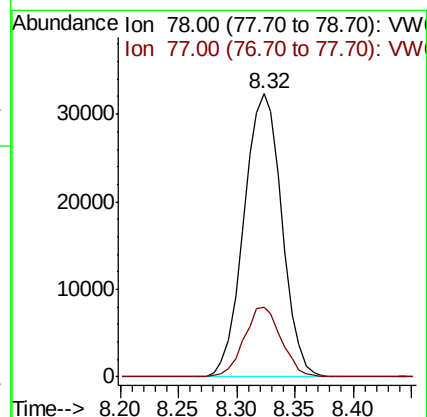
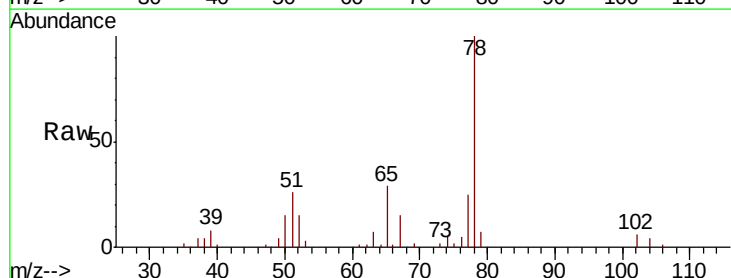
Acq: 12 Dec 2018 00:55

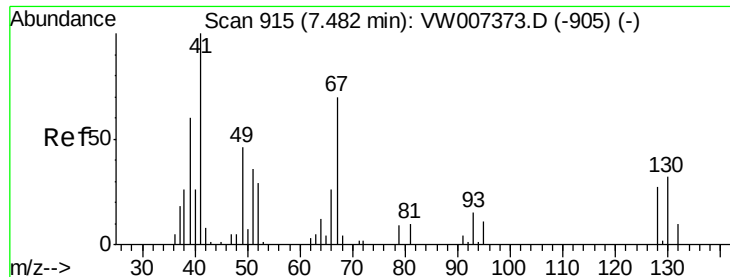
Tgt Ion: 78 Resp: 73478

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2

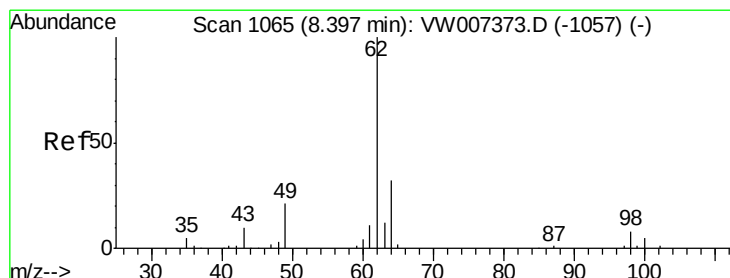
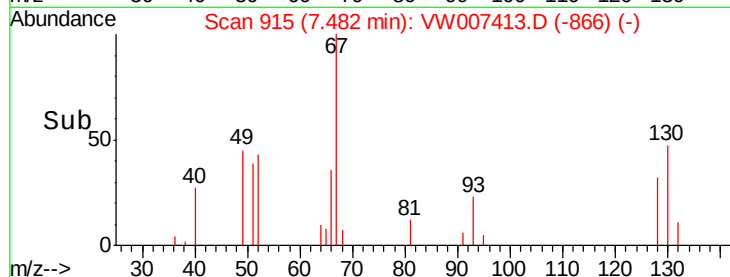
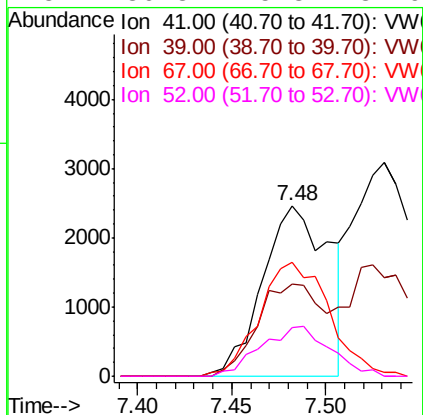
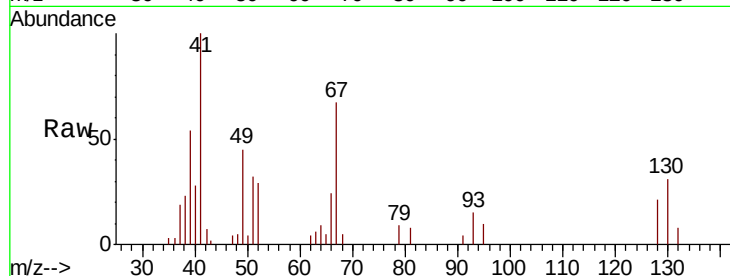




#41
Methacrylonitrile
Concen: 22.666 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

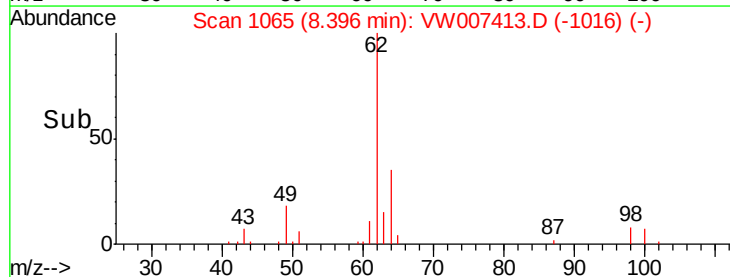
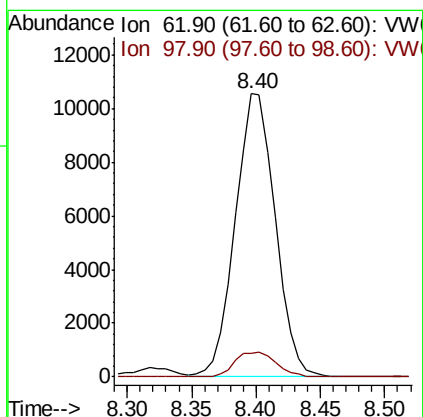
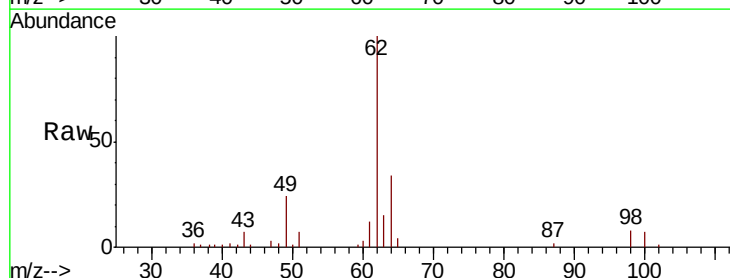
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

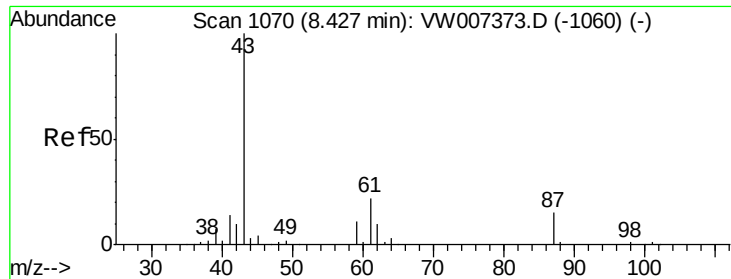
Tgt Ion: 41 Resp: 6050
Ion Ratio Lower Upper
41 100
39 51.7 52.2 78.2#
67 70.0 60.5 90.7
52 30.3 25.3 37.9



#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 62 Resp: 22705
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.673 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

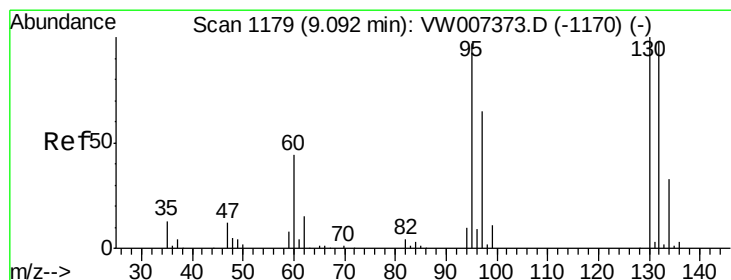
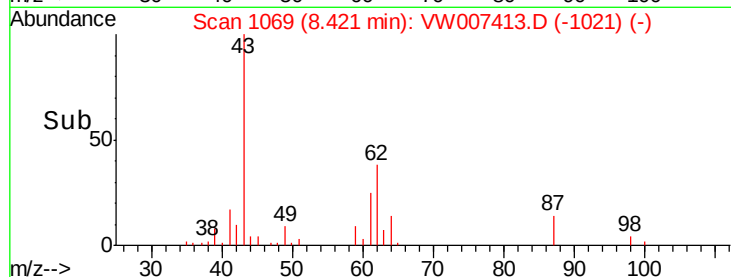
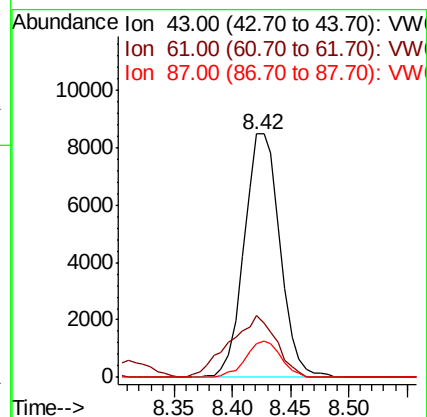
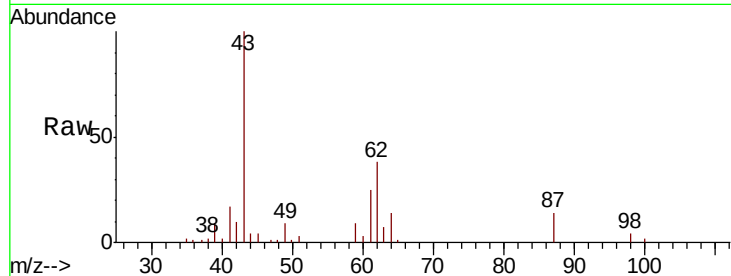
Tgt Ion: 43 Resp: 18215

Ion Ratio Lower Upper

43 100

61 32.8 25.3 37.9

87 14.6 11.8 17.8



#44

Trichloroethene

Concen: 21.168 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007413.D

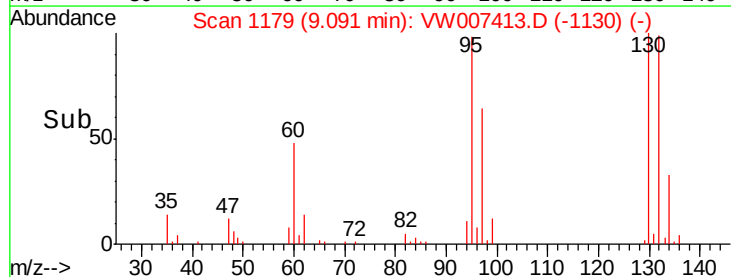
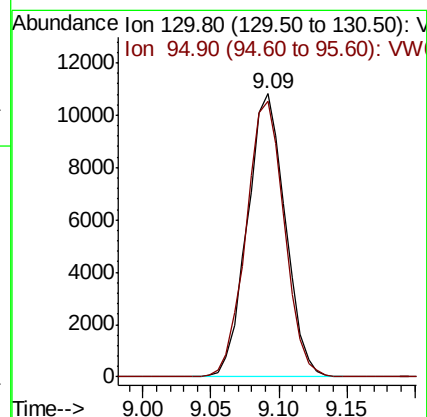
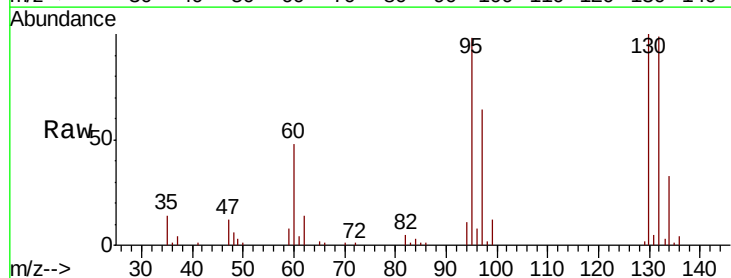
Acq: 12 Dec 2018 00:55

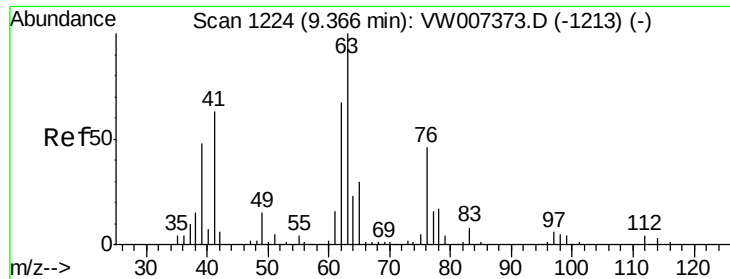
Tgt Ion: 130 Resp: 21141

Ion Ratio Lower Upper

130 100

95 97.5 0.0 193.2

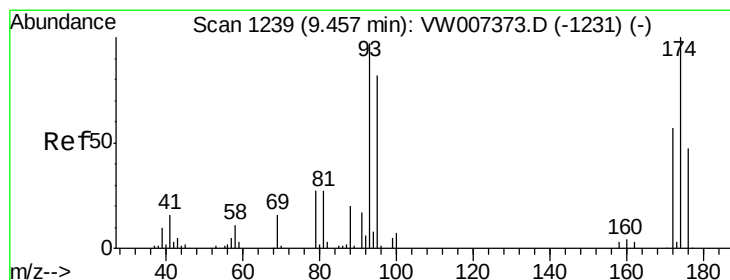
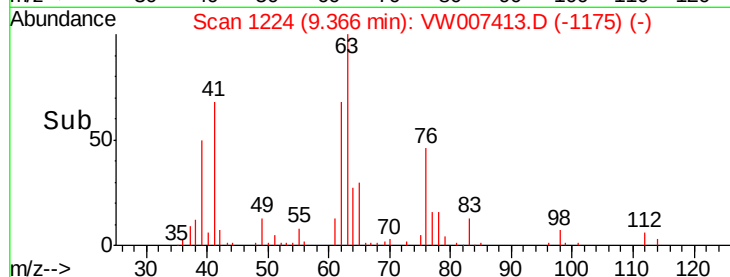
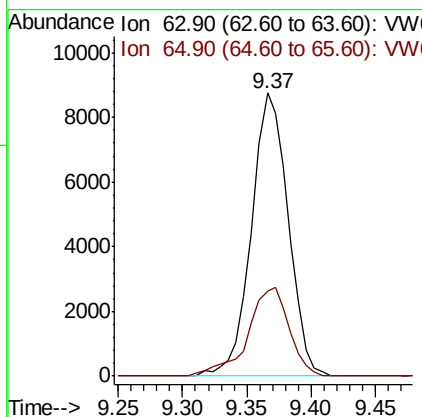
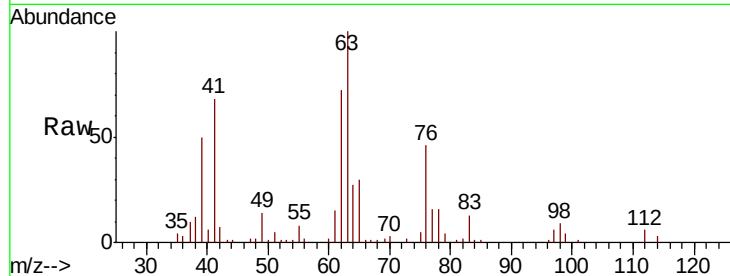




#45
 1,2-Dichloropropane
 Concen: 21.304 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

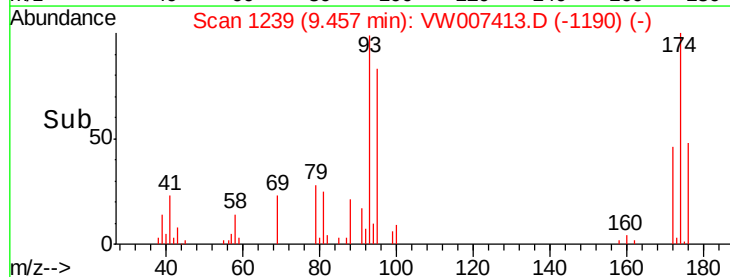
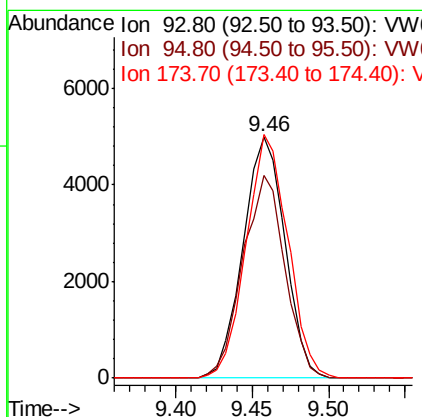
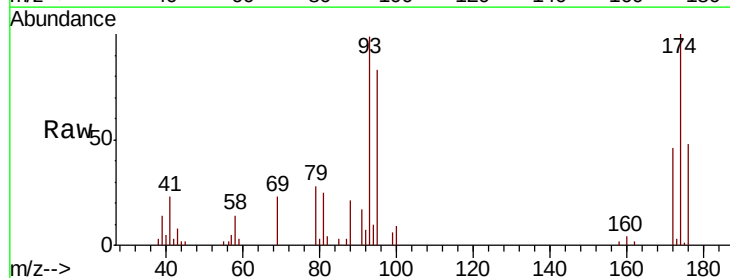
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

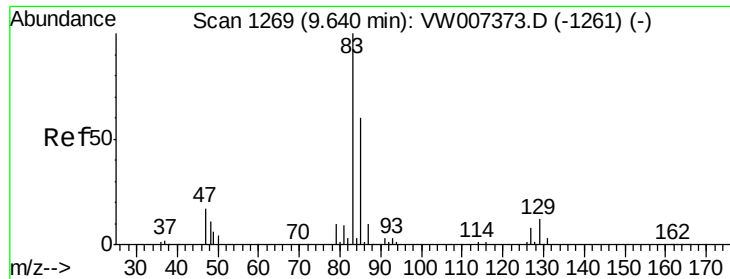
Tgt Ion: 63 Resp: 17242
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.4 36.6



#46
 Dibromomethane
 Concen: 20.661 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 93 Resp: 9496
 Ion Ratio Lower Upper
 93 100
 95 84.9 68.0 102.0
 174 100.8 83.2 124.8





#47

Bromodichloromethane

Concen: 21.115 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

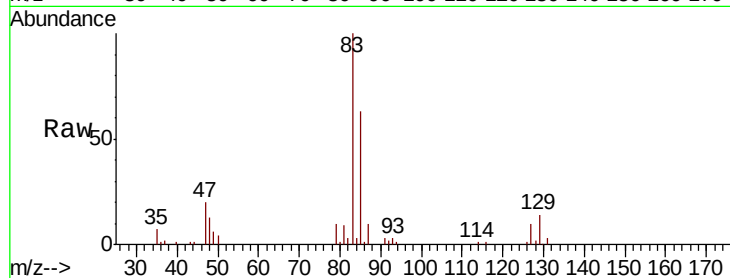
Tgt Ion: 83 Resp: 25456

Ion Ratio Lower Upper

83 100

85 62.5 47.6 71.4

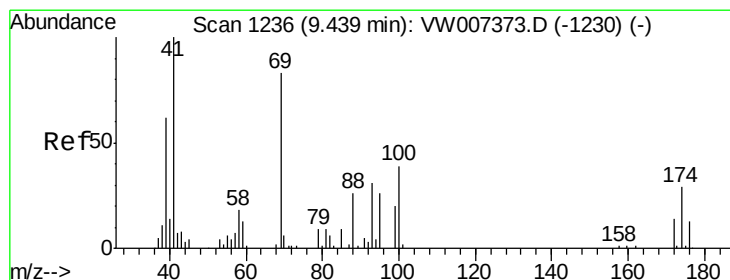
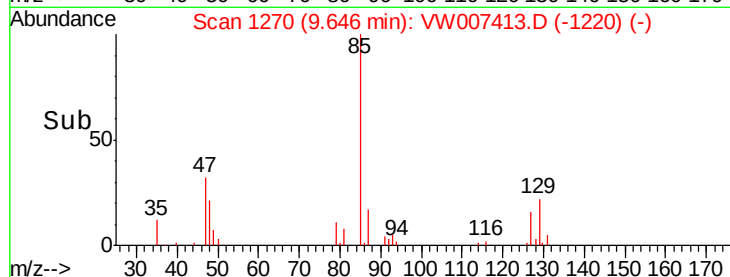
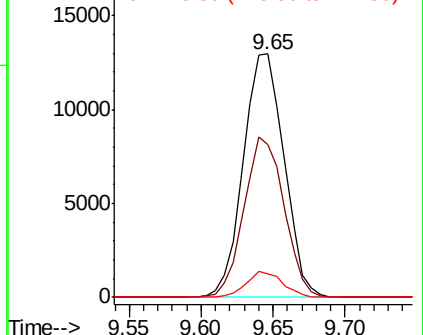
127 9.6 6.7 10.1



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: 18.639 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

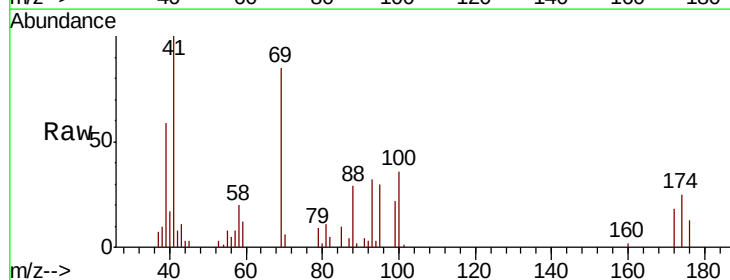
Tgt Ion: 41 Resp: 8863

Ion Ratio Lower Upper

41 100

69 95.9 69.8 104.8

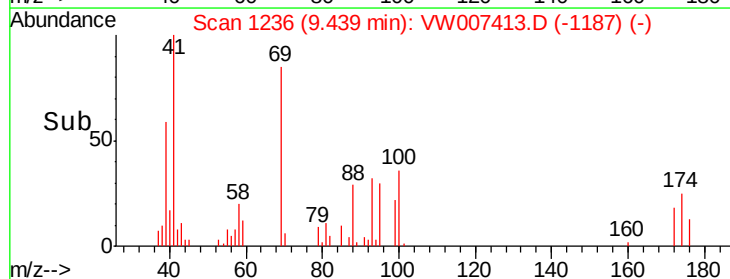
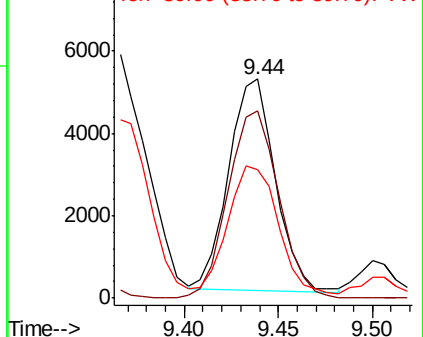
39 70.0 50.9 76.3

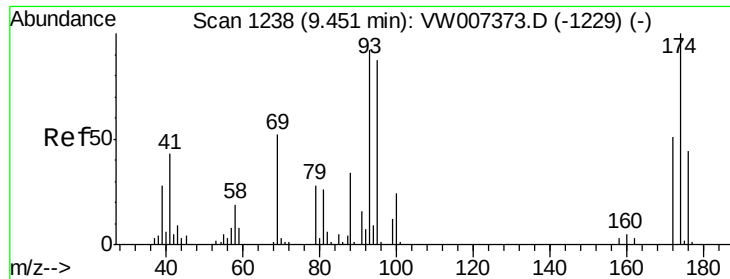


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

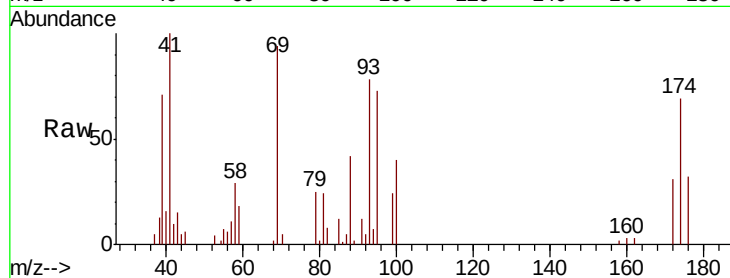




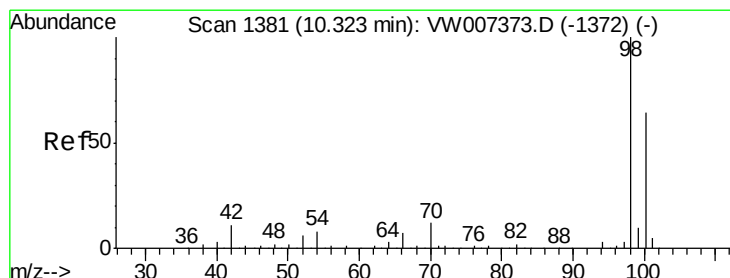
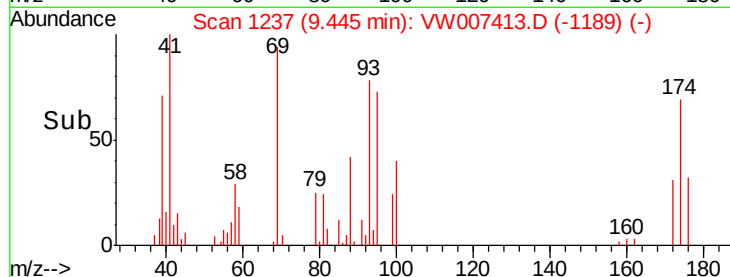
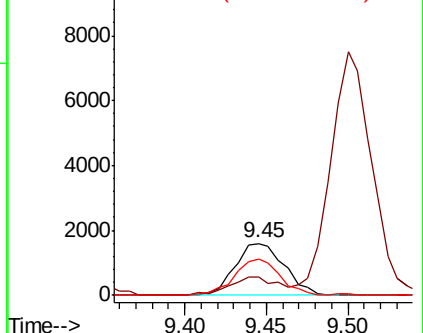
#49
 1,4-Dioxane
 Concen: 445.588 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion: 88 Resp: 3323
 Ion Ratio Lower Upper
 88 100
 43 34.8 25.0 37.4
 58 65.5 51.4 77.2

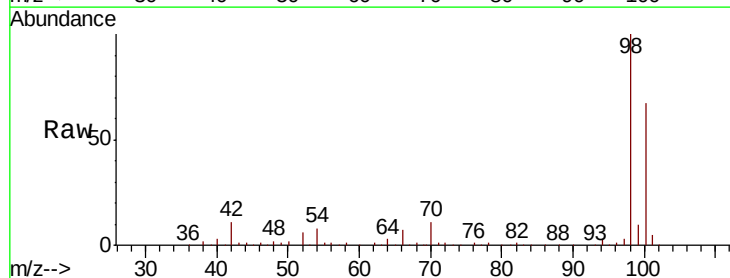


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

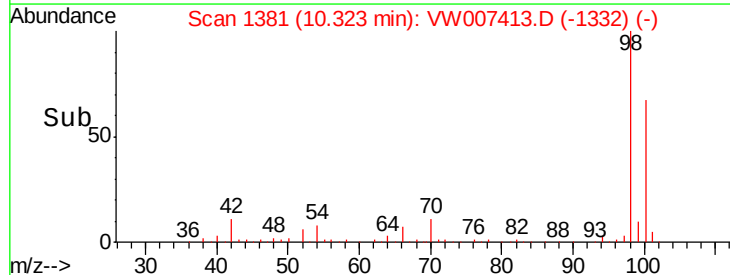
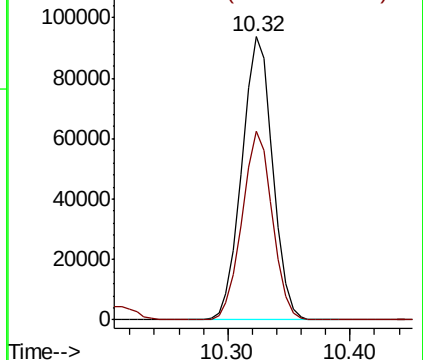


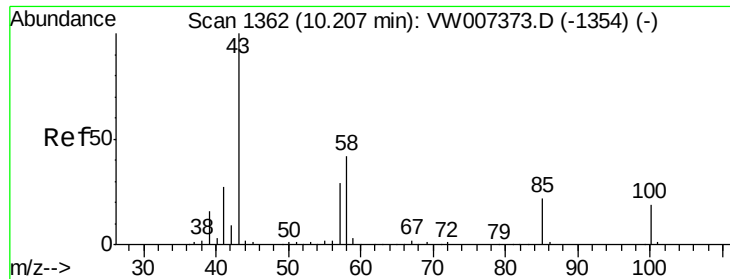
#50
 Toluene-d8
 Concen: 52.173 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 98 Resp: 163592
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

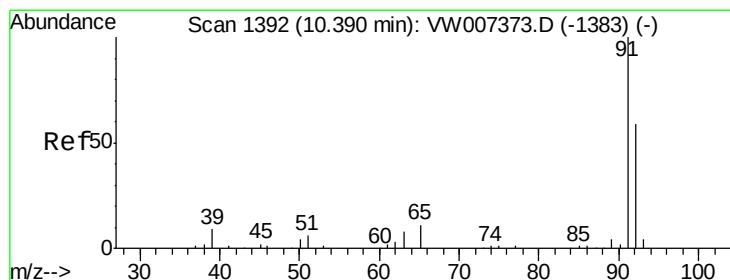
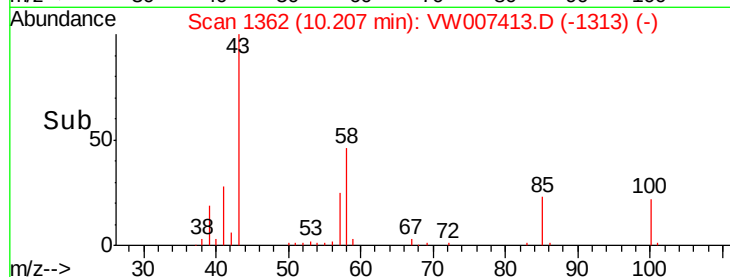
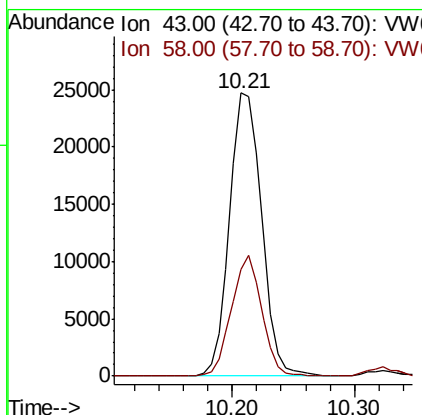
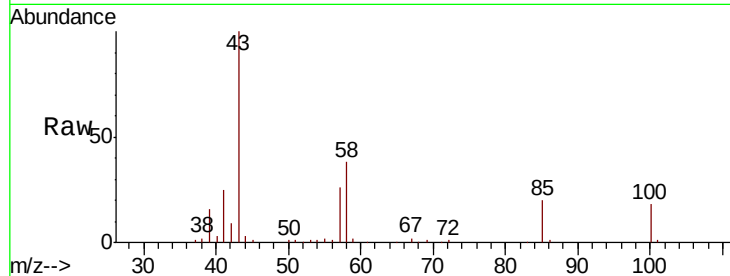




#51
 4-Methyl-2-Pentanone
 Concen: 102.898 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

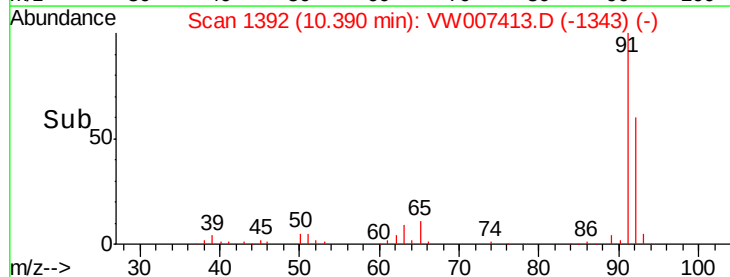
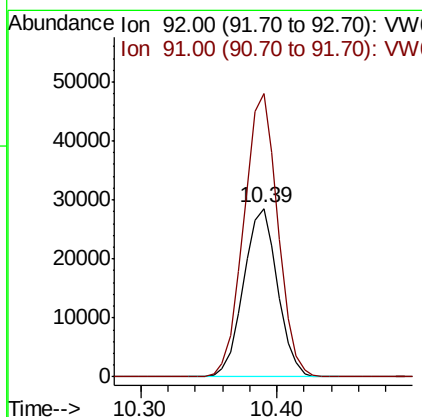
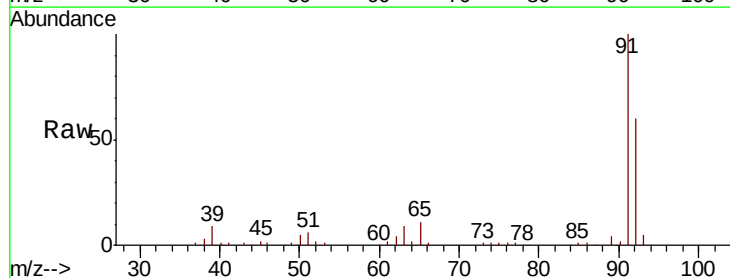
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

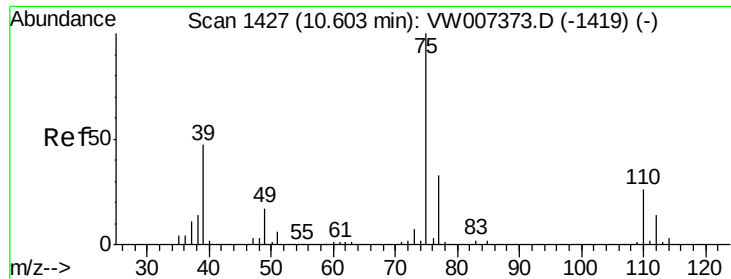
Tgt Ion: 43 Resp: 45016
 Ion Ratio Lower Upper
 43 100
 58 39.9 33.1 49.7



#52
 Toluene
 Concen: 21.985 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 92 Resp: 49759
 Ion Ratio Lower Upper
 92 100
 91 168.6 136.2 204.2

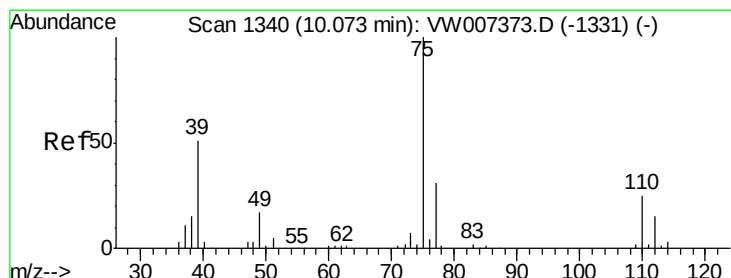
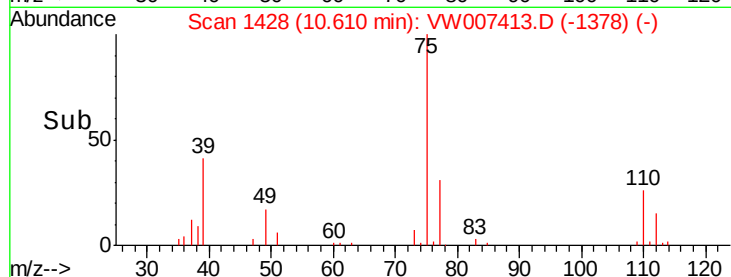
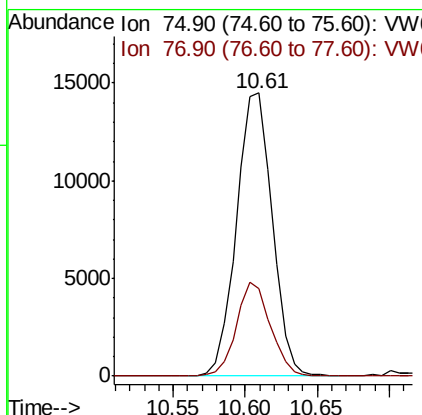
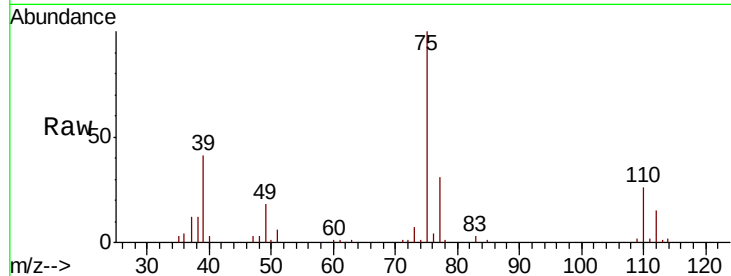




#53
 t-1,3-Dichloropropene
 Concen: 21.309 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

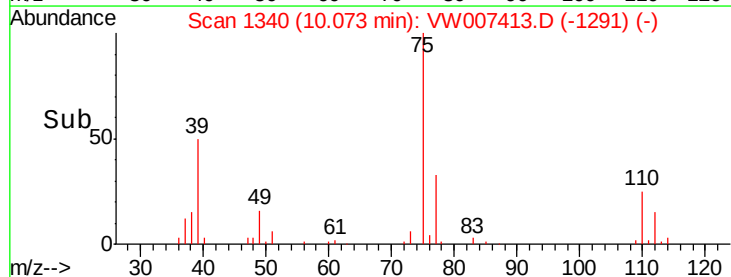
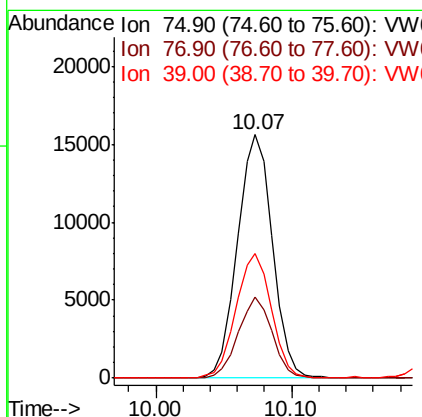
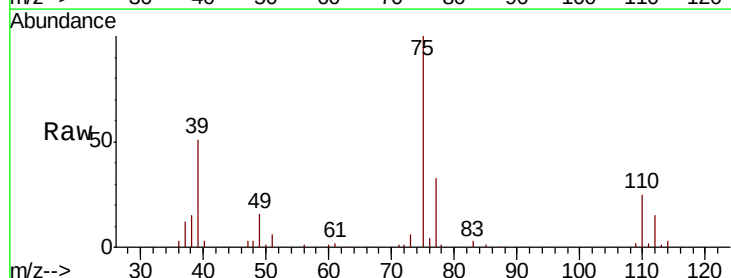
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

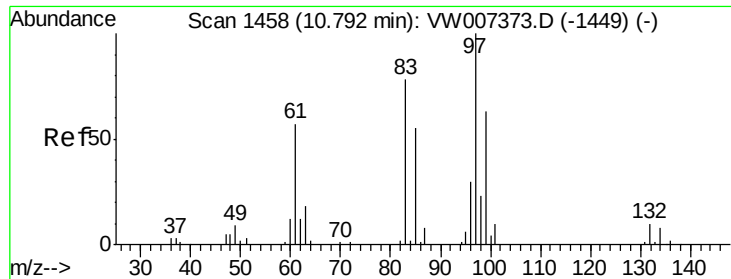
Tgt Ion: 75 Resp: 24940
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.689 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 75 Resp: 27993
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.8 37.2
 39 50.9 40.9 61.3

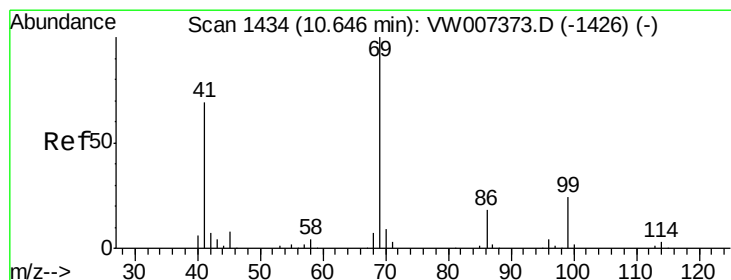
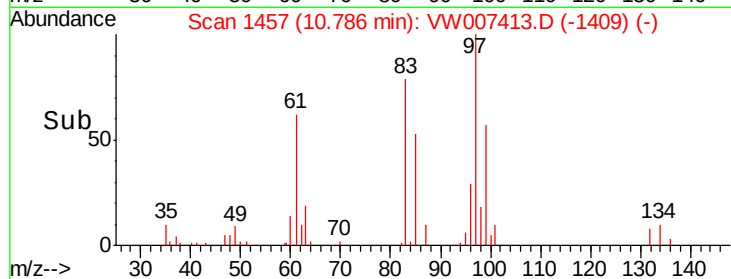
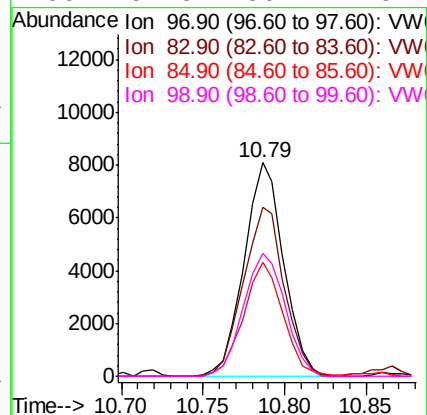
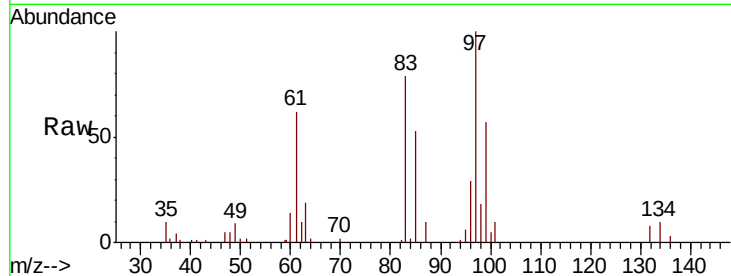




#55
 1,1,2-Trichloroethane
 Concen: 21.772 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

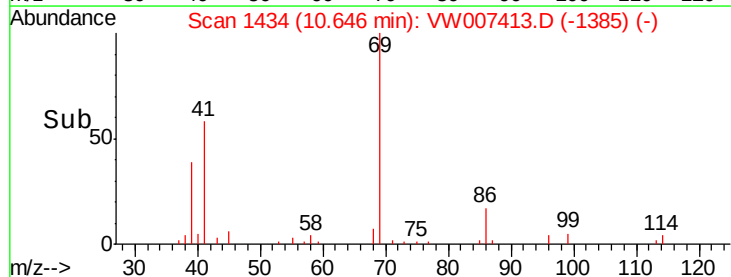
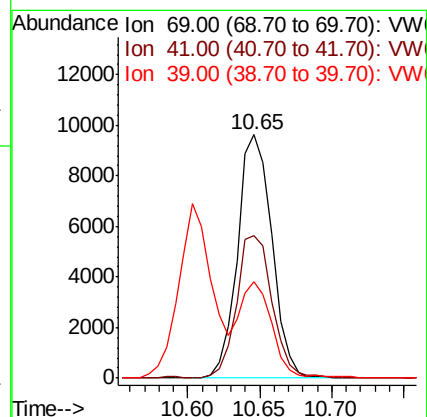
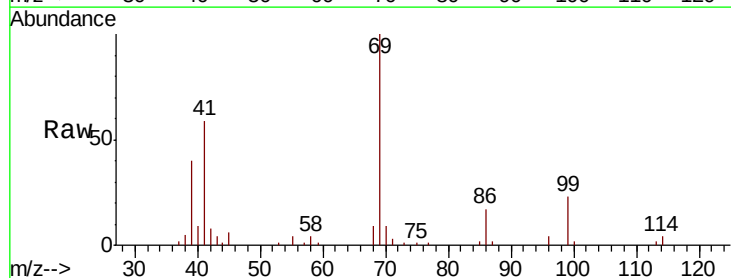
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

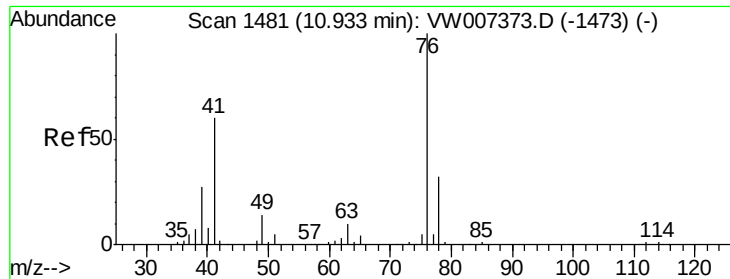
Tgt Ion:	97	Resp:	13619
Ion	Ratio	Lower	Upper
97	100		
83	79.1	62.1	93.1
85	53.3	44.2	66.4
99	57.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 21.274 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion:	69	Resp:	15995
Ion	Ratio	Lower	Upper
69	100		
41	61.0	51.0	76.6
39	38.2	30.8	46.2

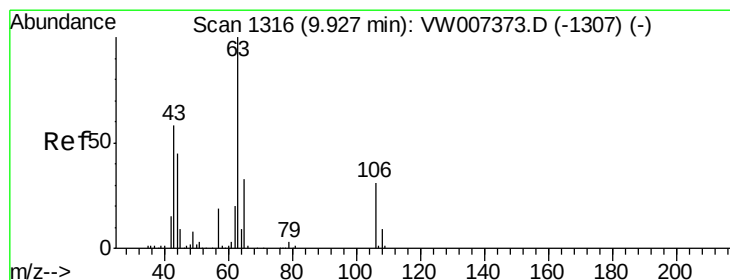
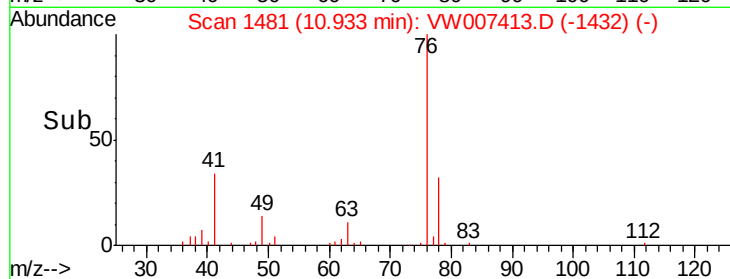
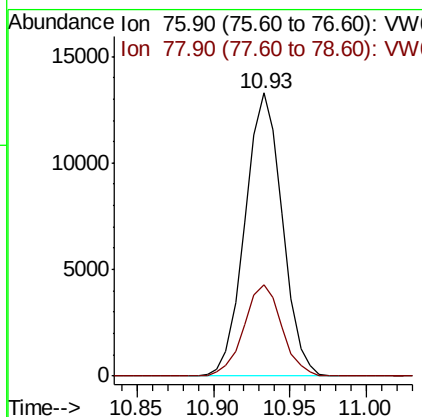
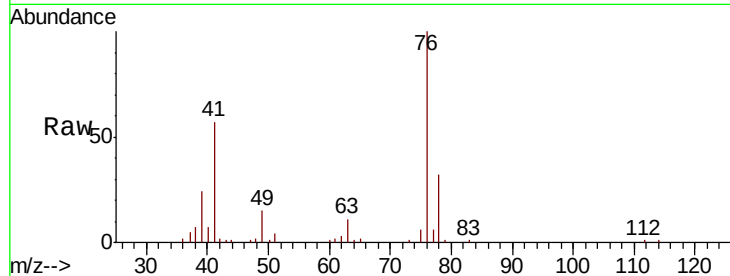




#57
 1,3-Dichloropropane
 Concen: 21.917 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

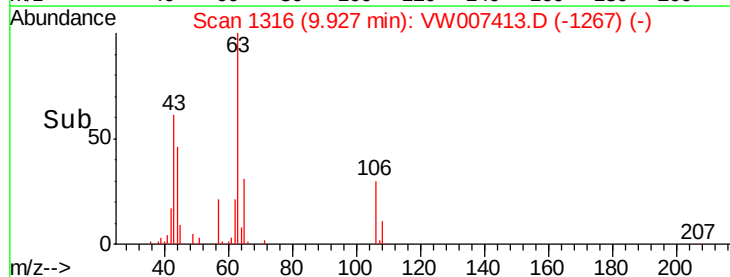
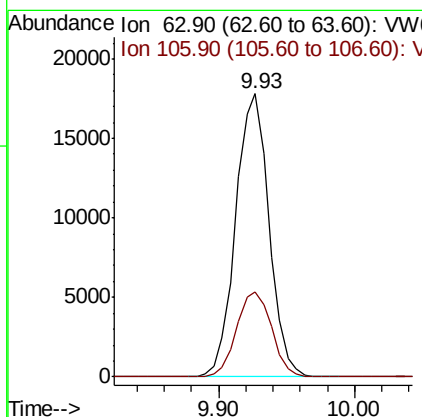
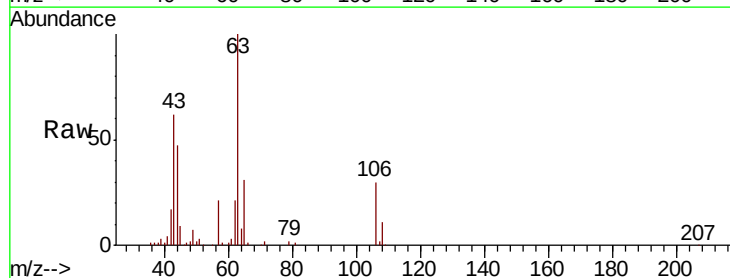
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

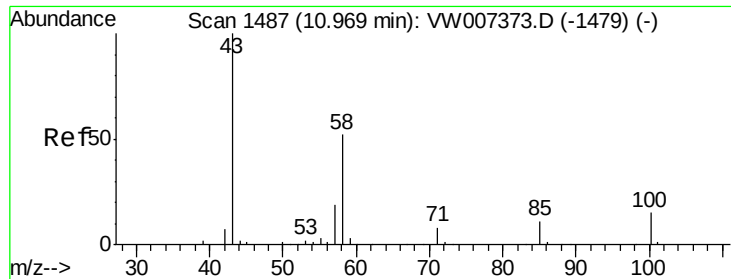
Tgt Ion: 76 Resp: 22503
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.681 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 63 Resp: 30401
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.0 37.6

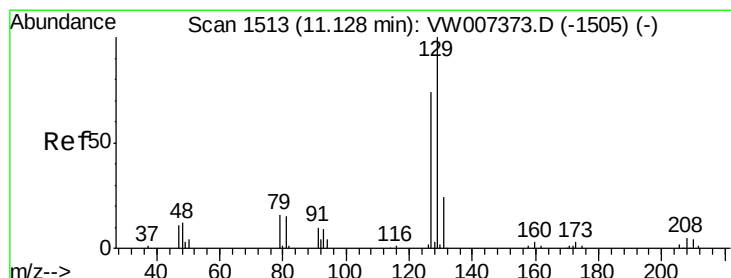
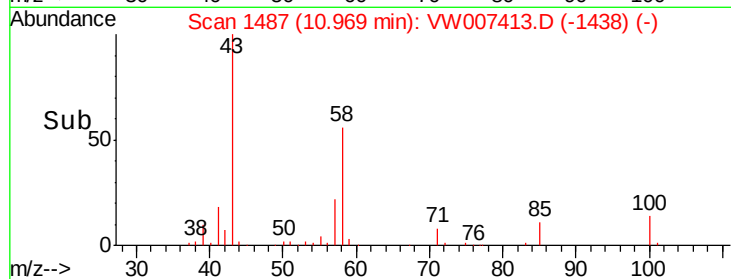
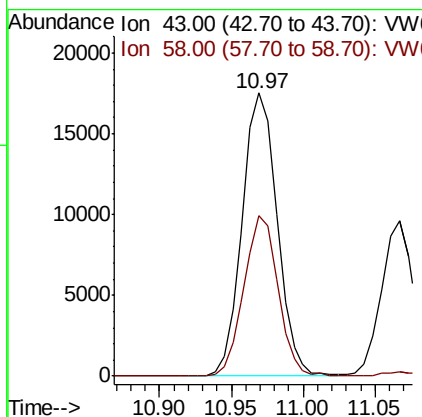
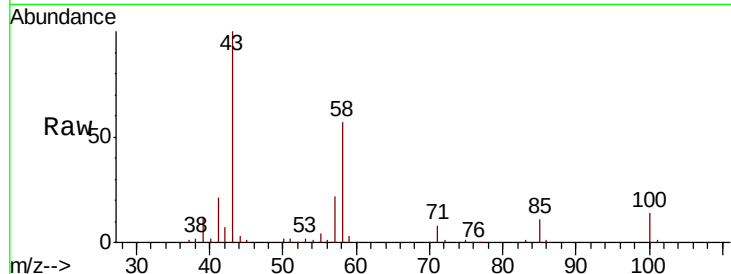




#59
2-Hexanone
Concen: 101.329 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

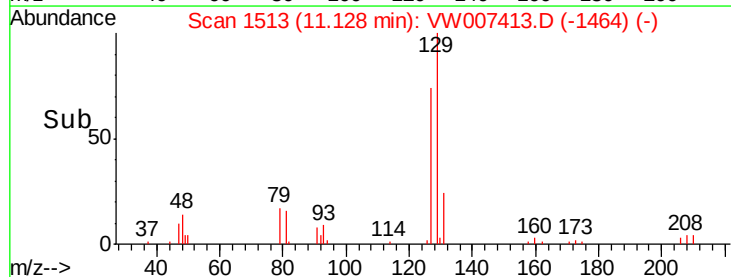
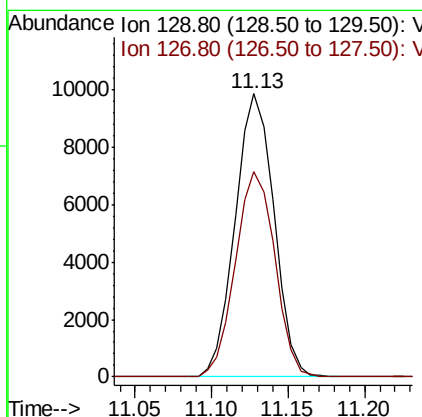
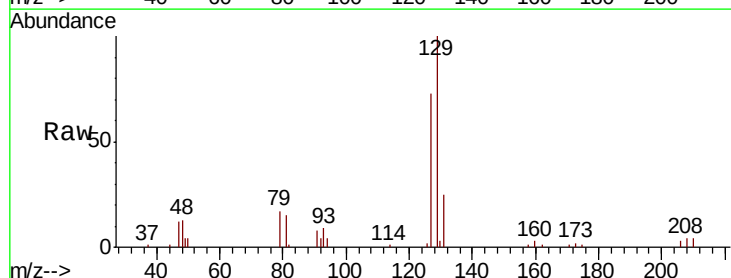
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

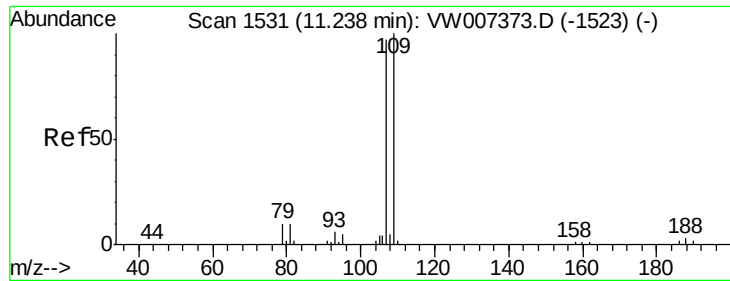
Tgt Ion: 43 Resp: 29559
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 22.097 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 129 Resp: 17444
Ion Ratio Lower Upper
129 100
127 73.5 38.1 114.3

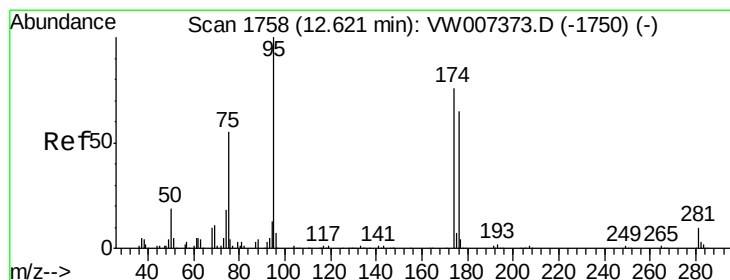
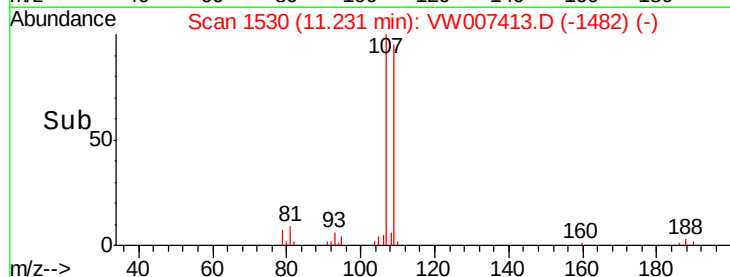
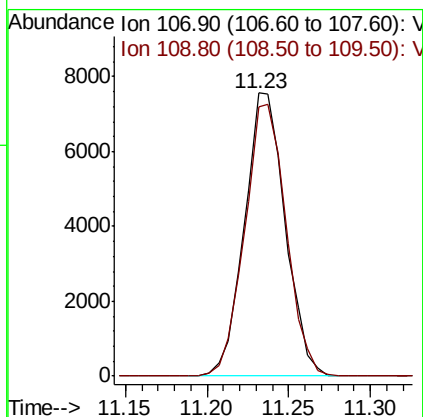
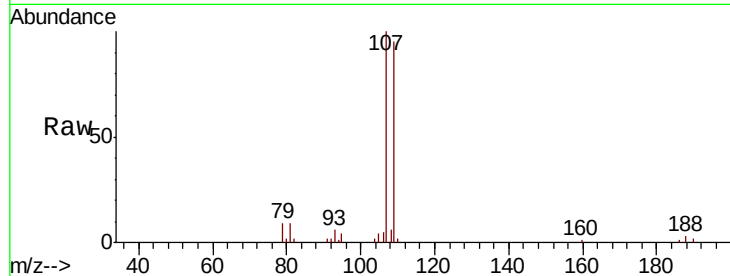




#61
 1,2-Dibromoethane
 Concen: 21.298 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

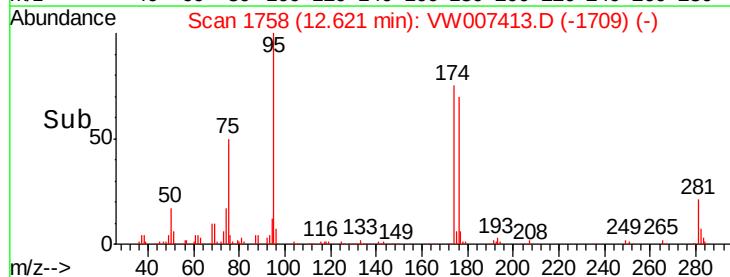
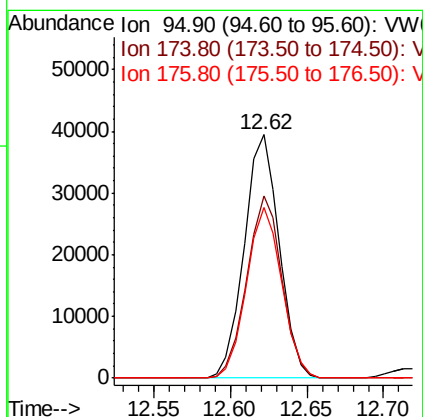
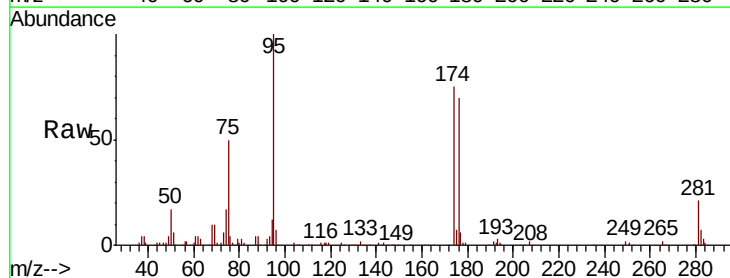
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

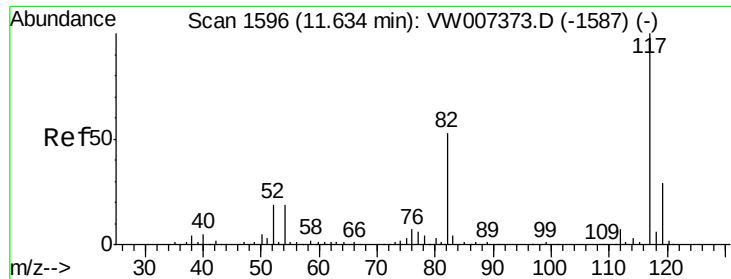
Tgt Ion: 107 Resp: 13166
 Ion Ratio Lower Upper
 107 100
 109 97.6 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 54.424 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 95 Resp: 62744
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 147.2
 176 70.6 0.0 138.8

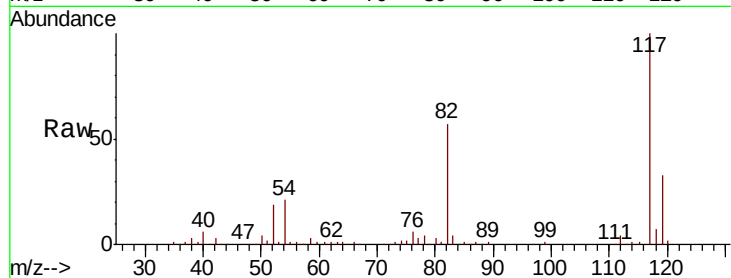




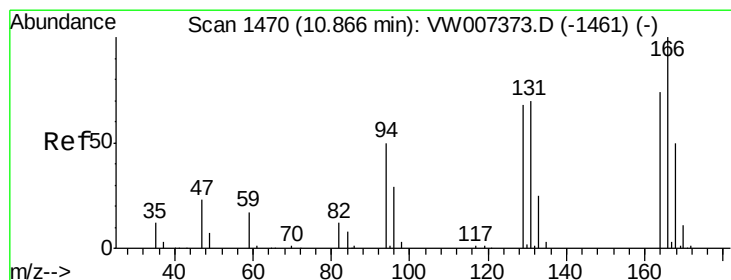
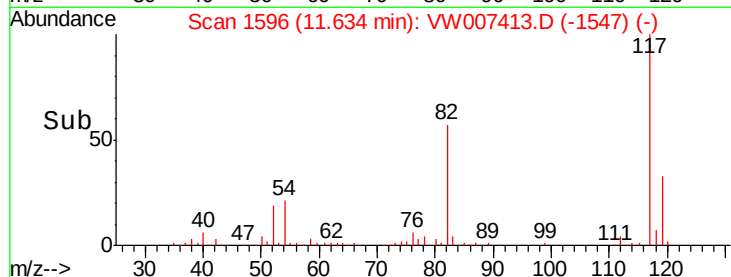
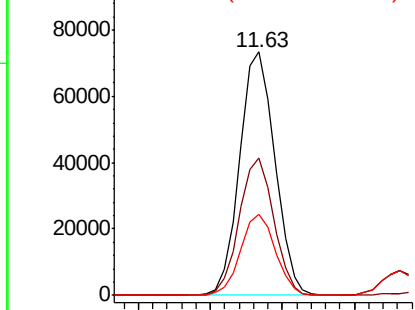
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion:117 Resp: 124226
Ion Ratio Lower Upper
117 100
82 56.7 42.3 63.5
119 33.1 23.0 34.6



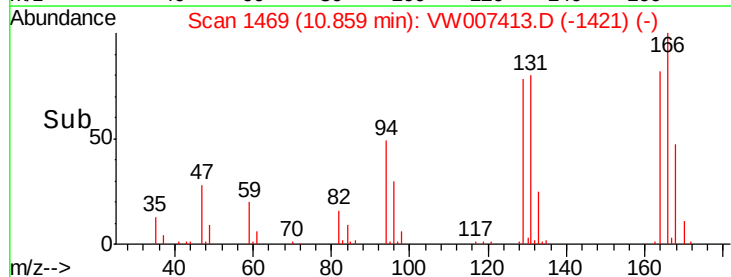
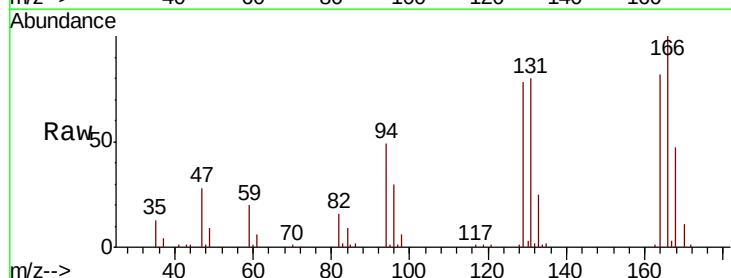
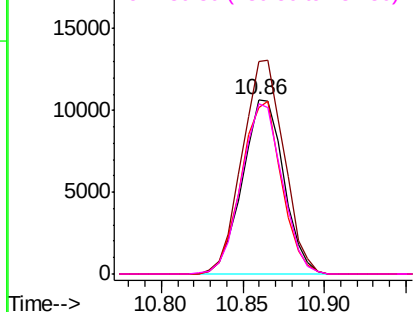
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

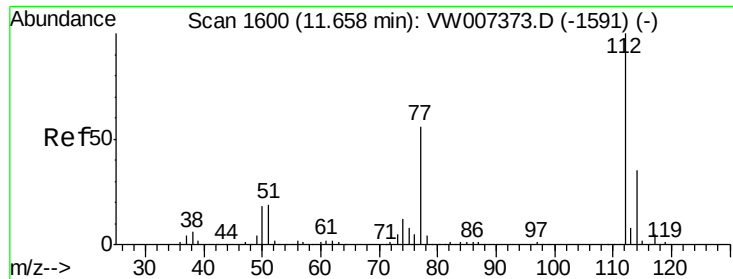


#64
Tetrachloroethene
Concen: 21.006 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:164 Resp: 18766
Ion Ratio Lower Upper
164 100
166 121.9 107.9 161.9
129 95.5 73.4 110.2
131 97.8 75.8 113.6

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

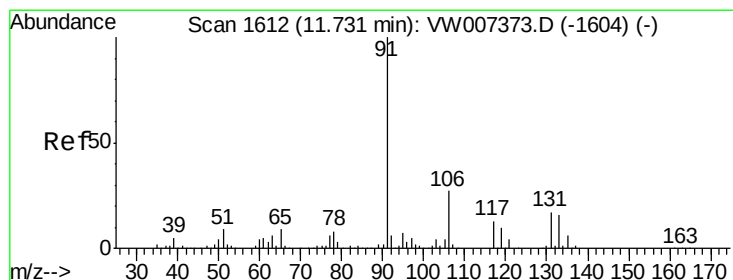
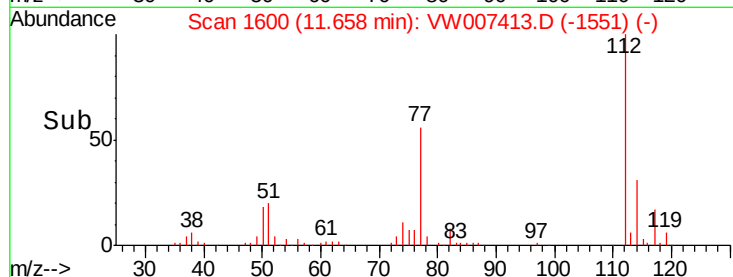
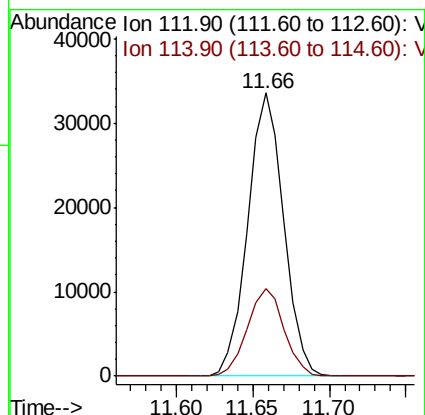
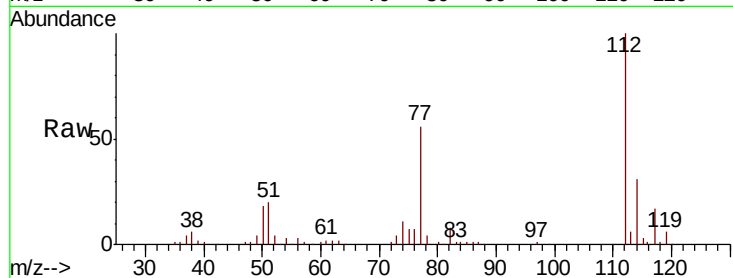




#65
Chlorobenzene
Concen: 21.154 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

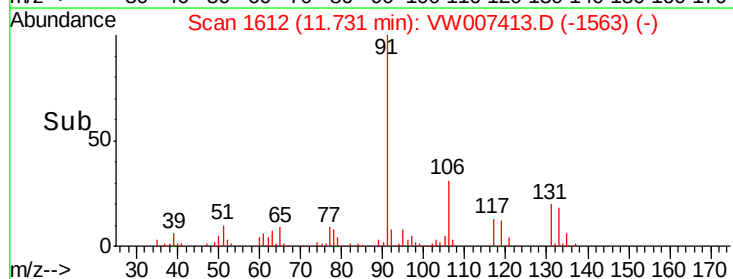
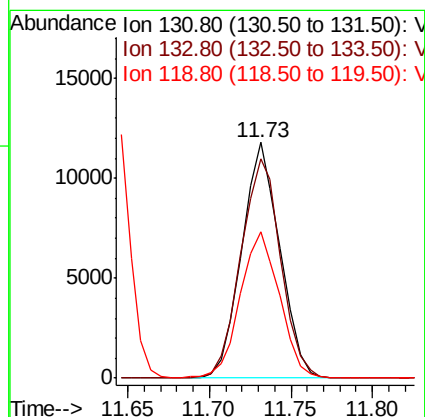
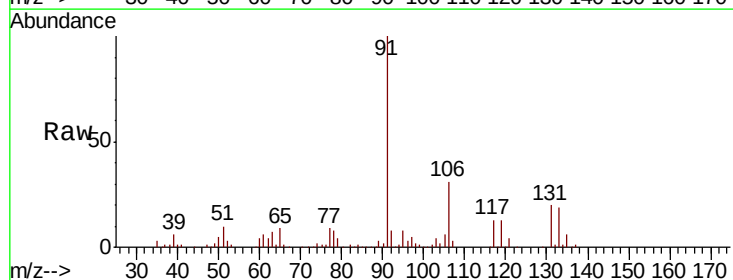
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

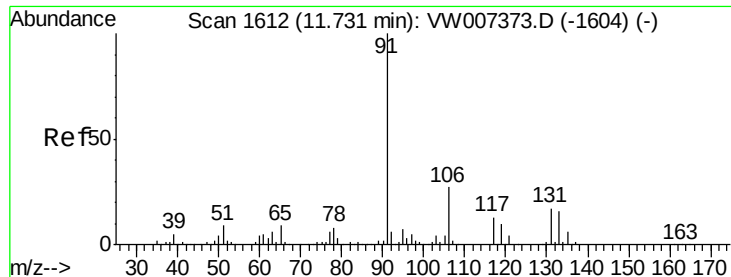
Tgt Ion:112 Resp: 54773
Ion Ratio Lower Upper
112 100
114 30.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.022 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:131 Resp: 19171
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.4
119 64.0 31.3 93.9

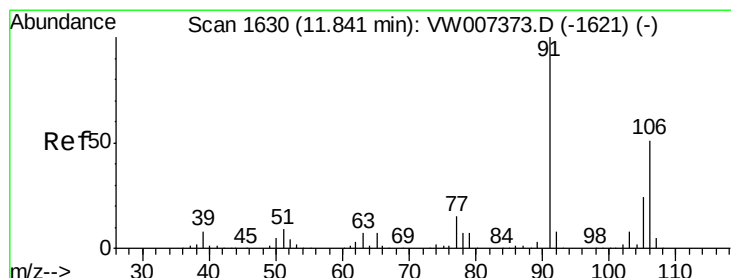
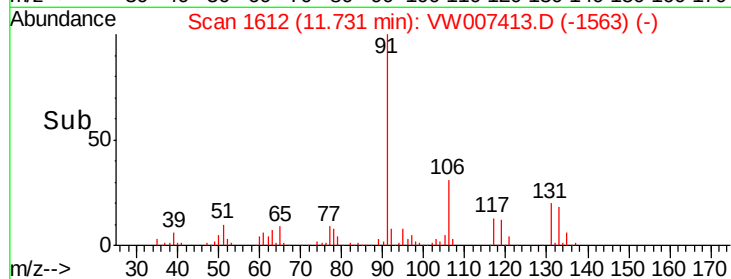
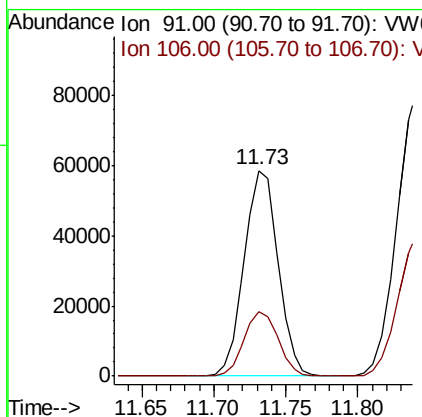
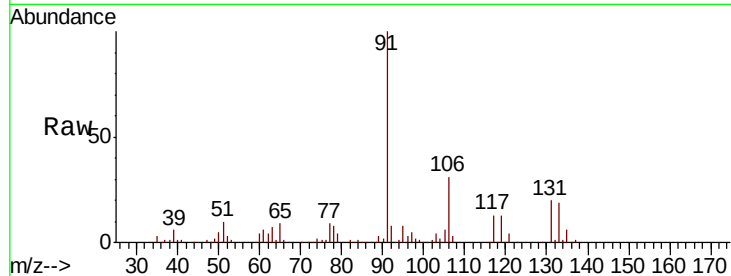




#67
Ethyl Benzene
Concen: 21.454 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

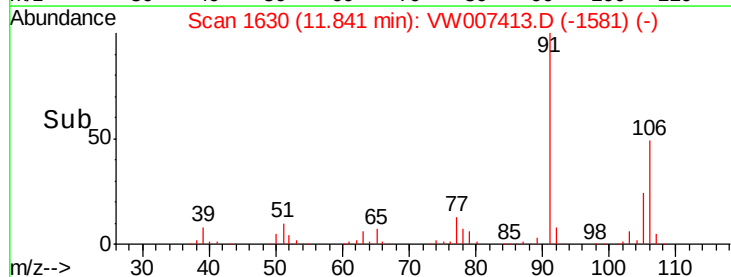
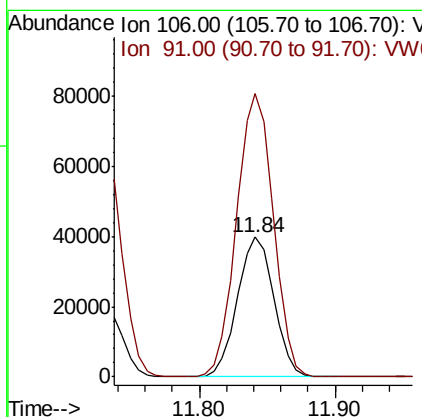
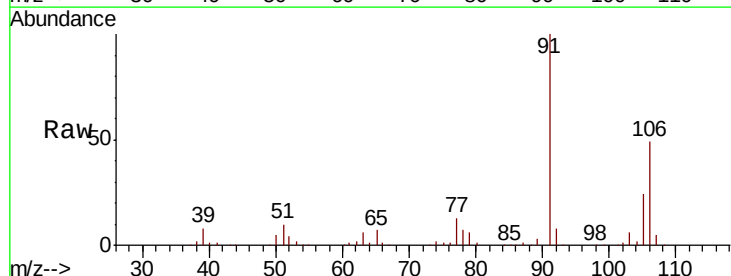
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

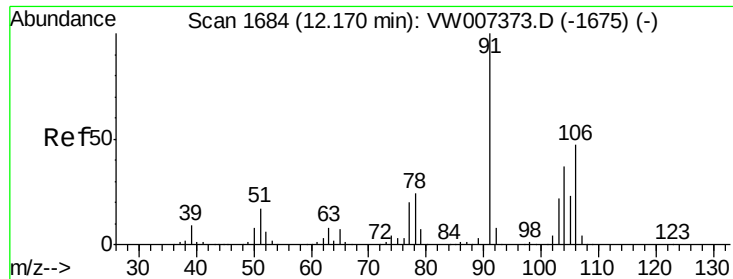
Tgt Ion: 91 Resp: 95505
Ion Ratio Lower Upper
91 100
106 31.4 21.8 32.8



#68
m/p-Xylenes
Concen: 43.215 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 106 Resp: 74789
Ion Ratio Lower Upper
106 100
91 203.7 165.3 247.9

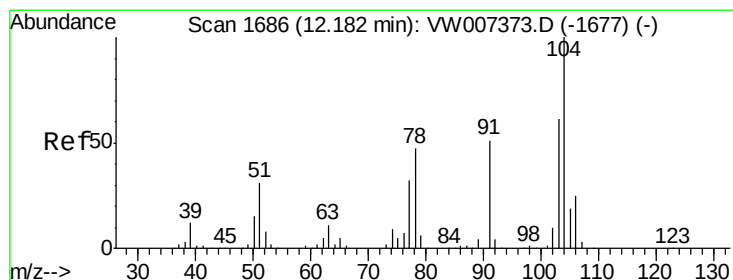
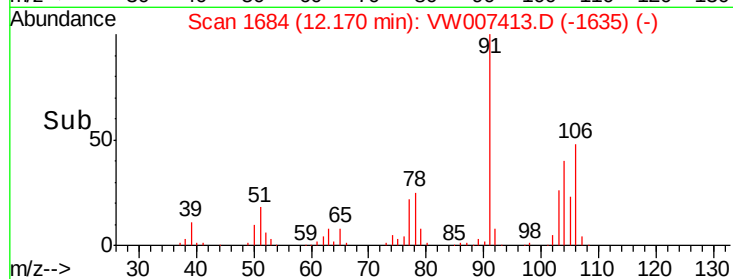
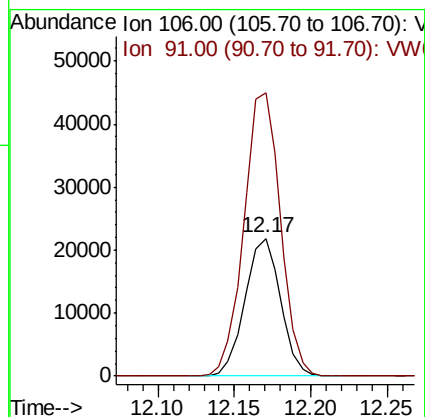
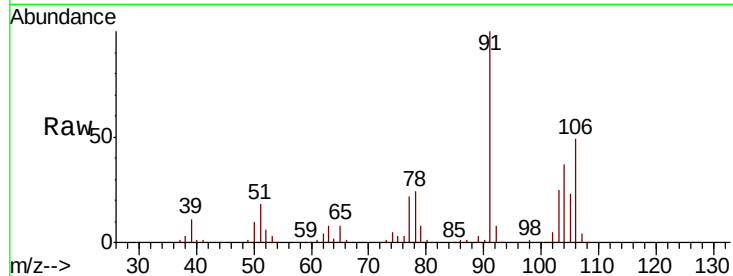




#69
o-Xylene
Concen: 21.913 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

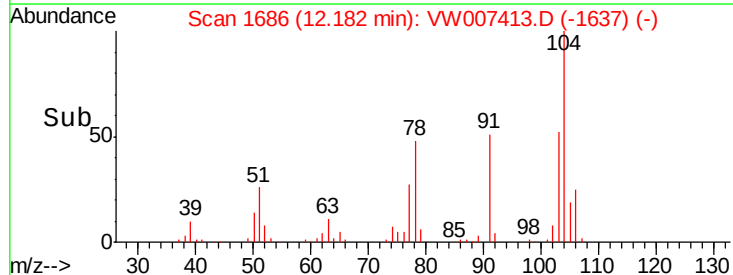
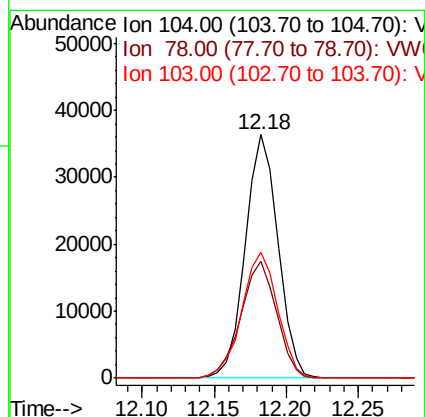
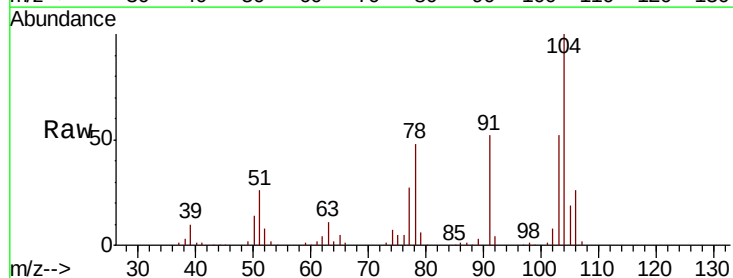
Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

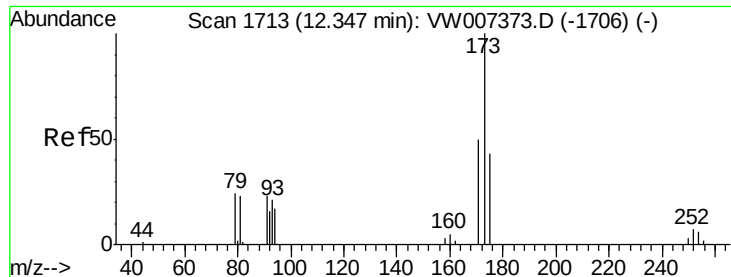
Tgt Ion:106 Resp: 35417
Ion Ratio Lower Upper
106 100
91 210.7 106.6 319.8



#70
Styrene
Concen: 21.907 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:104 Resp: 57190
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 56.7 46.6 69.8





#71

Bromoform

Concen: 20.483 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

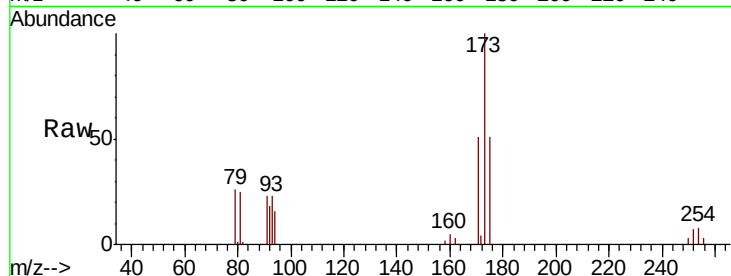
Tgt Ion:173 Resp: 9561

Ion Ratio Lower Upper

173 100

175 49.2 23.6 70.8

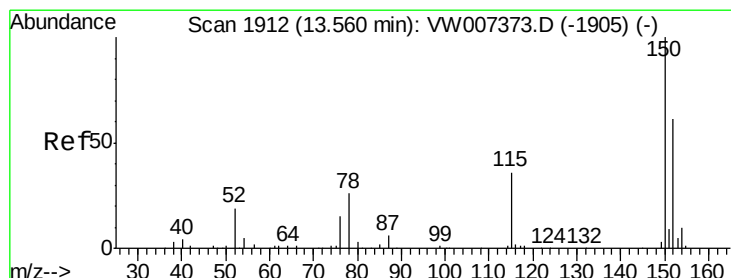
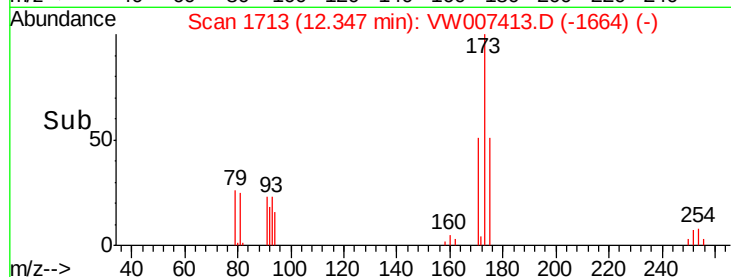
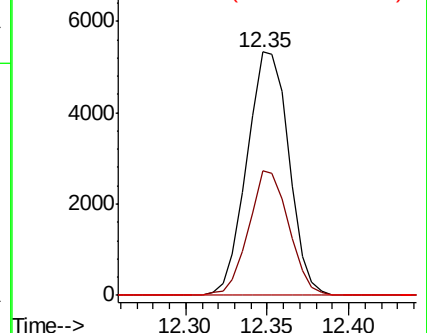
254 0.0 0.0 0.0



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

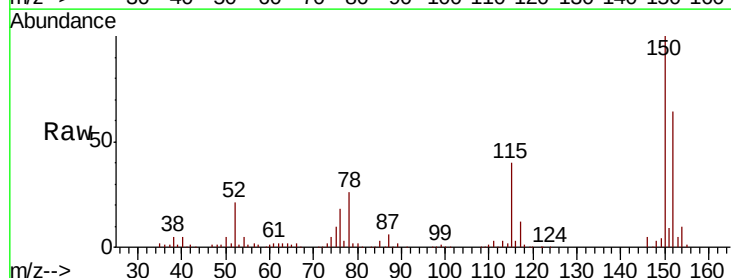
Tgt Ion:152 Resp: 62917

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

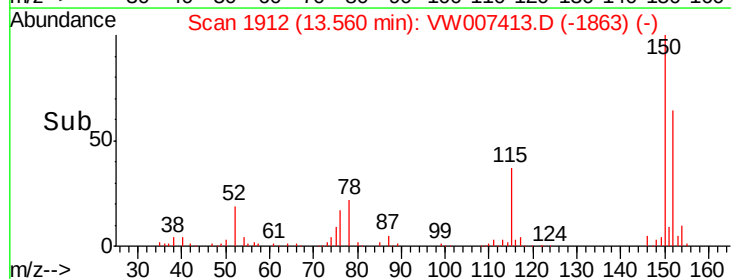
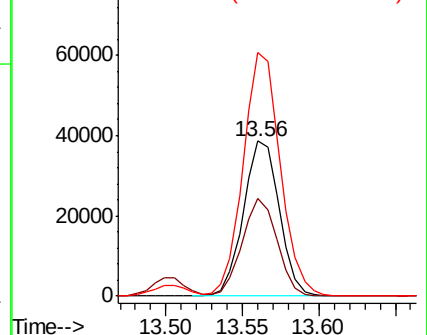
150 162.4 0.0 358.4

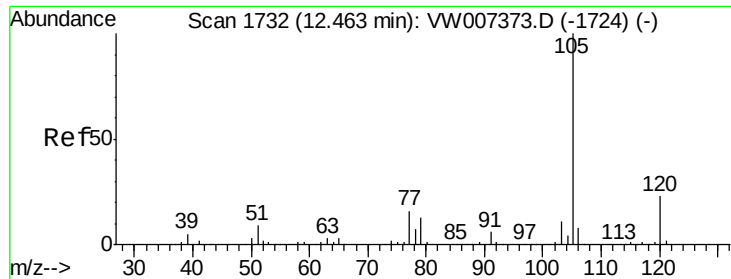


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.182 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

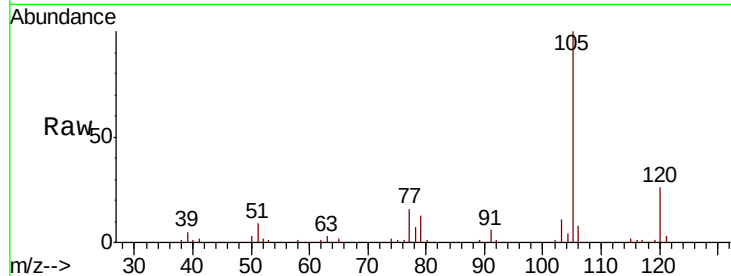
VW1213SBSD01

Tgt Ion:105 Resp: 97297

Ion Ratio Lower Upper

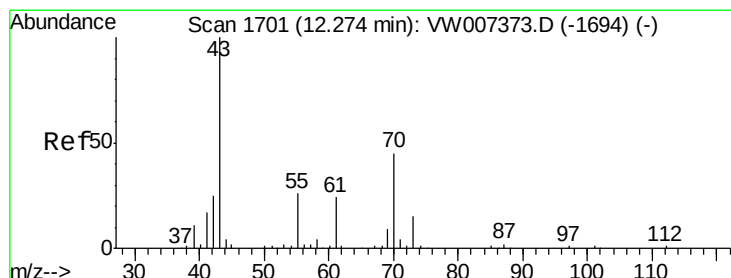
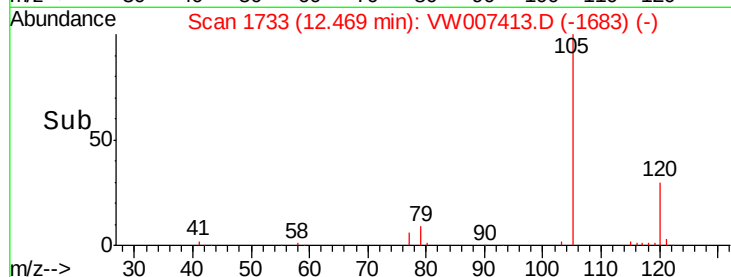
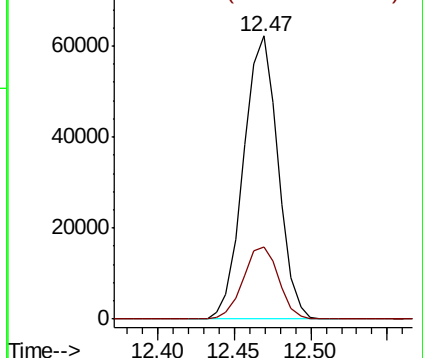
105 100

120 26.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.824 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion: 43 Resp: 17369

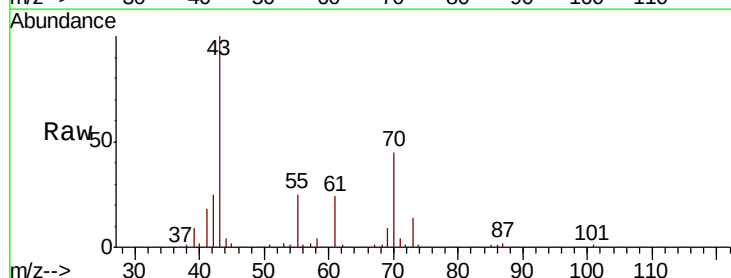
Ion Ratio Lower Upper

43 100

70 43.4 36.5 54.7

55 25.0 20.1 30.1

61 23.5 19.3 28.9

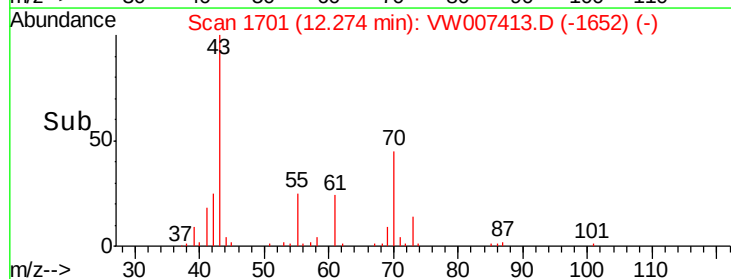
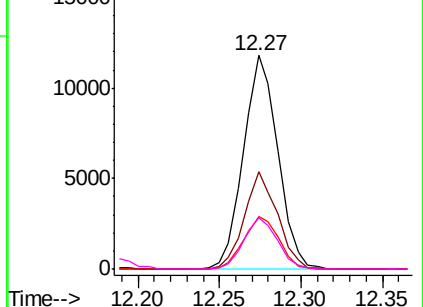


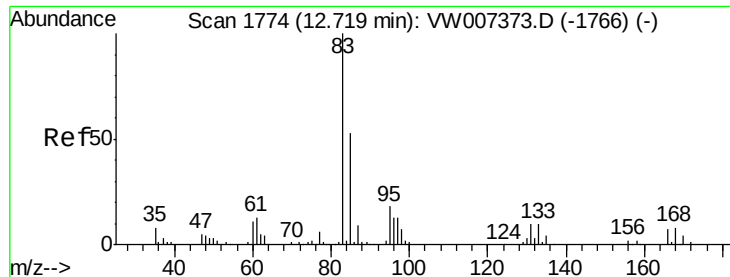
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.135 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

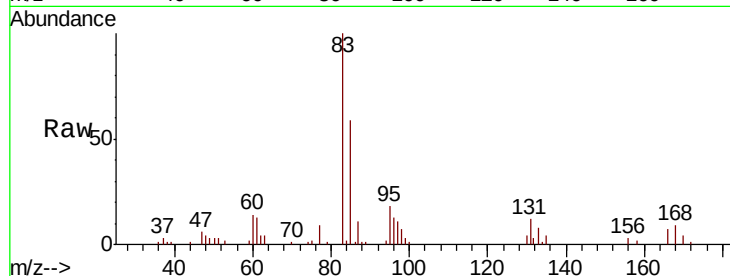
Tgt Ion: 83 Resp: 14377

Ion Ratio Lower Upper

83 100

131 13.2 5.9 17.8

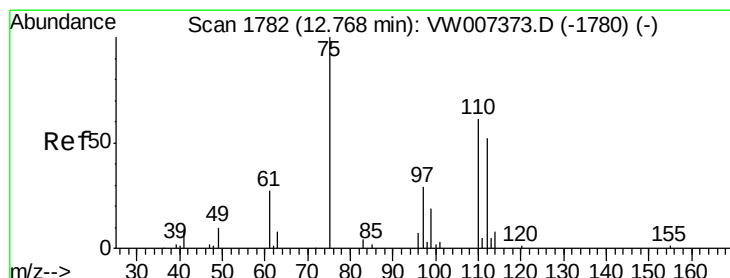
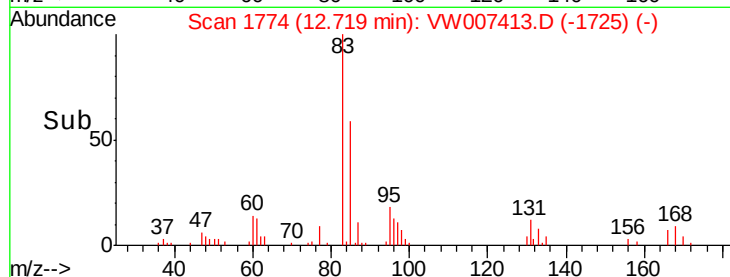
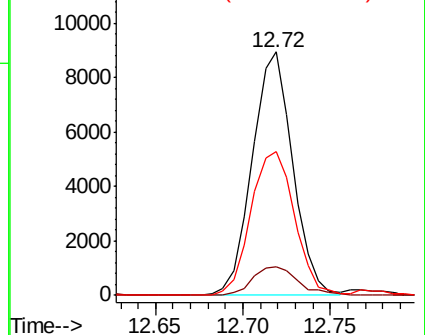
85 63.8 30.0 90.0



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: 38.672 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007413.D

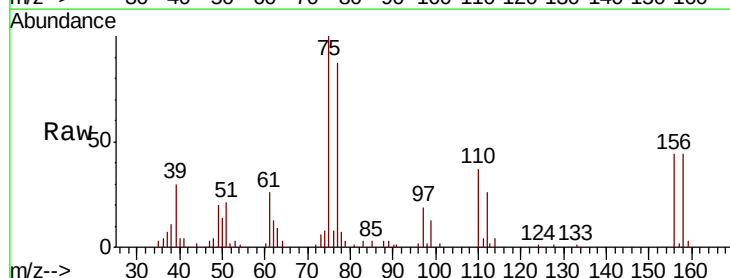
Acq: 12 Dec 2018 00:55

Tgt Ion: 75 Resp: 20062

Ion Ratio Lower Upper

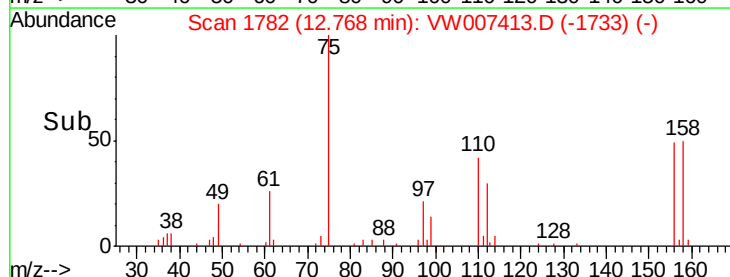
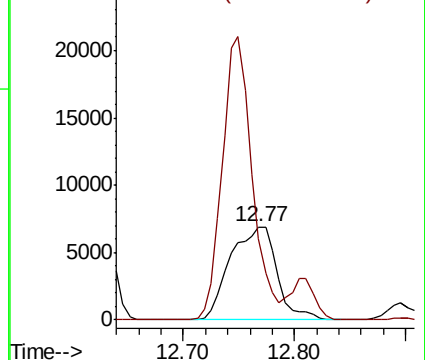
75 100

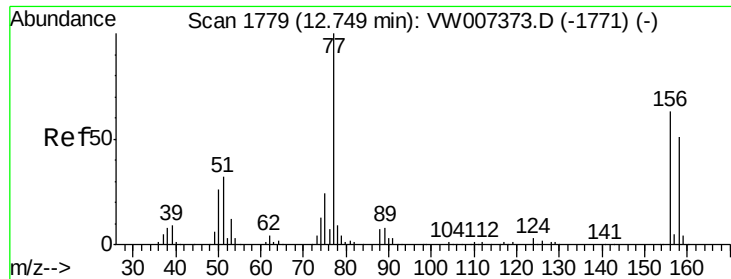
77 194.5 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.148 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

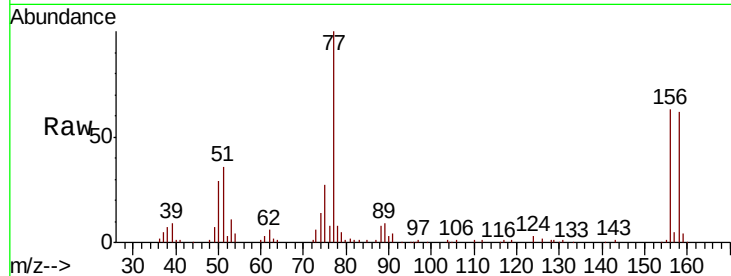
Tgt Ion:156 Resp: 21530

Ion Ratio Lower Upper

156 100

77 181.2 88.1 264.4

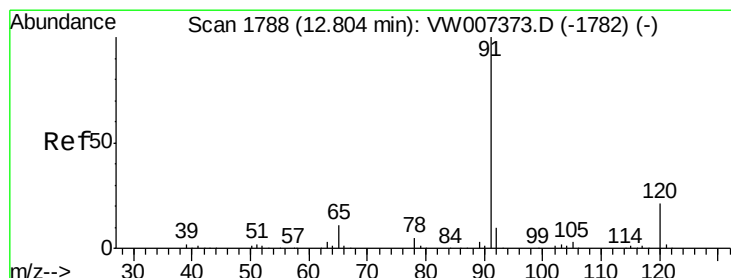
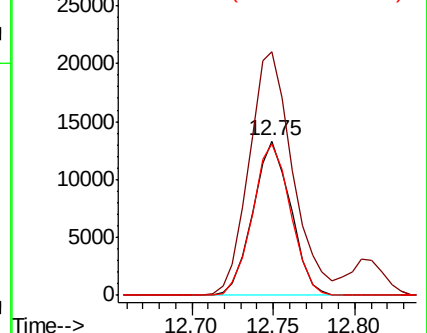
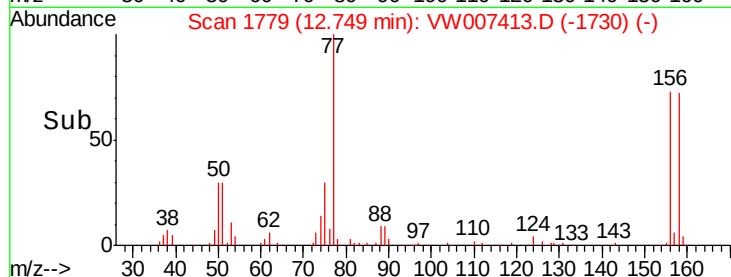
158 98.5 45.6 136.7



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: 20.967 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007413.D

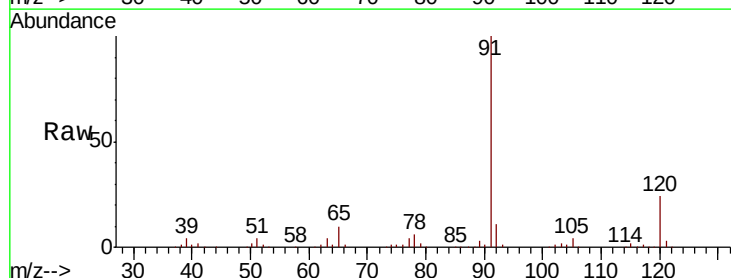
Acq: 12 Dec 2018 00:55

Tgt Ion: 91 Resp: 113758

Ion Ratio Lower Upper

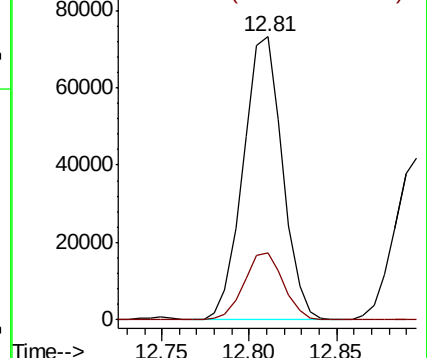
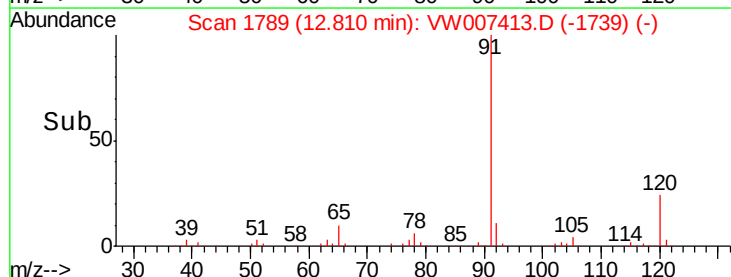
91 100

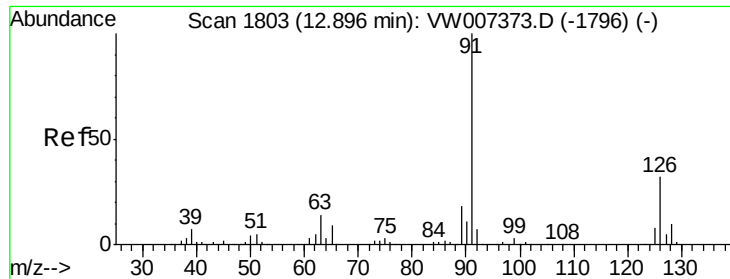
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

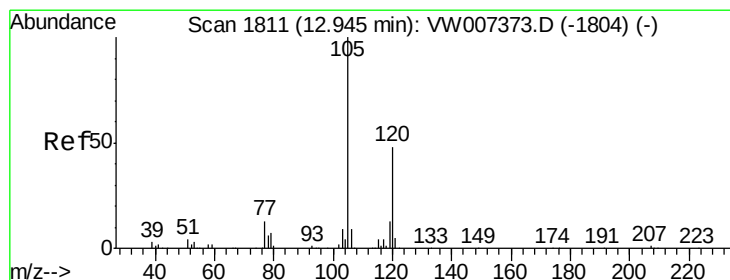
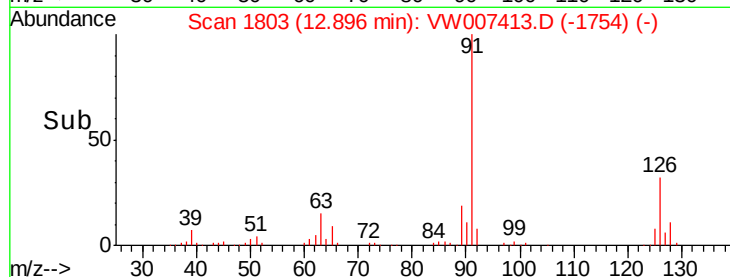
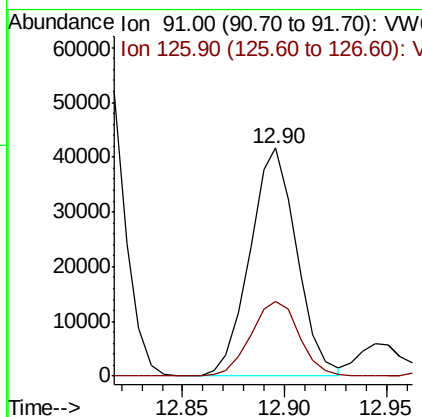
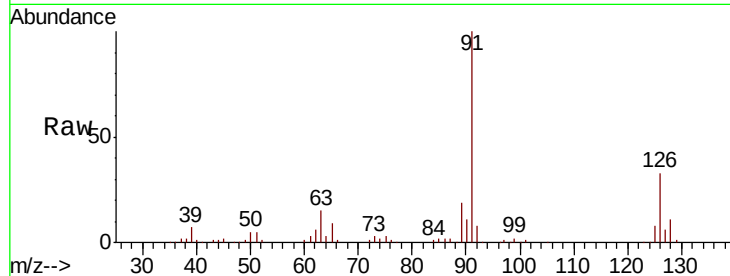




#79
 2-Chlorotoluene
 Concen: 20.212 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

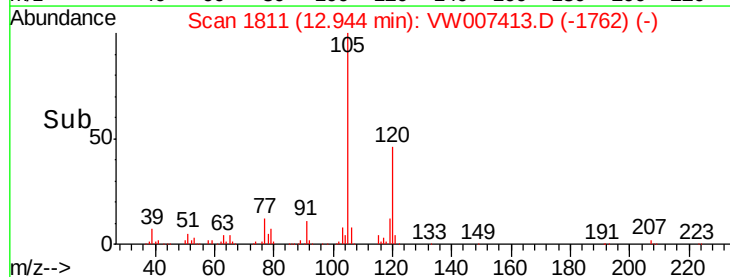
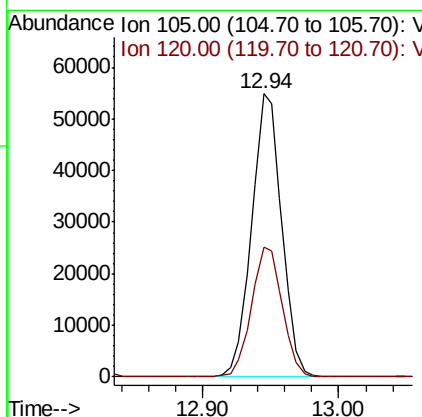
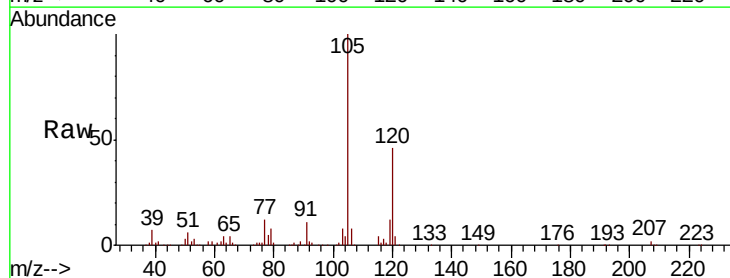
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

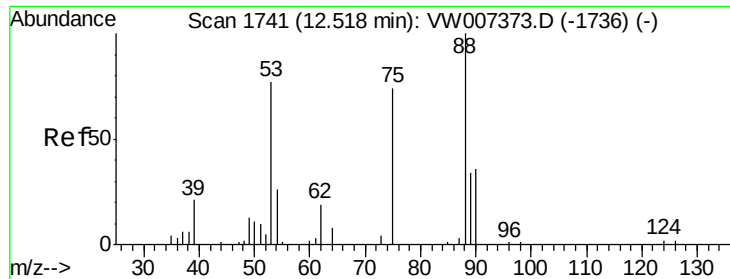
Tgt Ion: 91 Resp: 66353
 Ion Ratio Lower Upper
 91 100
 126 33.9 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.929 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 105 Resp: 84777
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.8 71.4

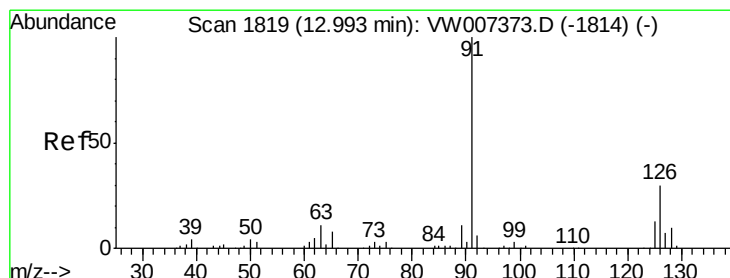
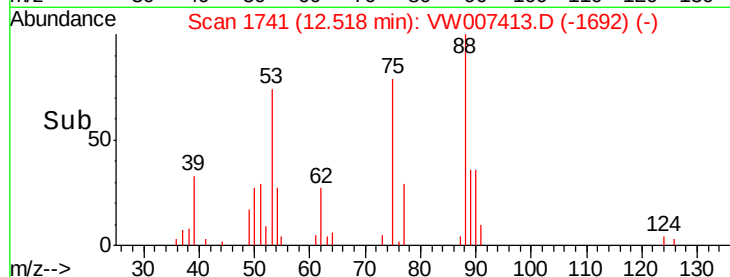
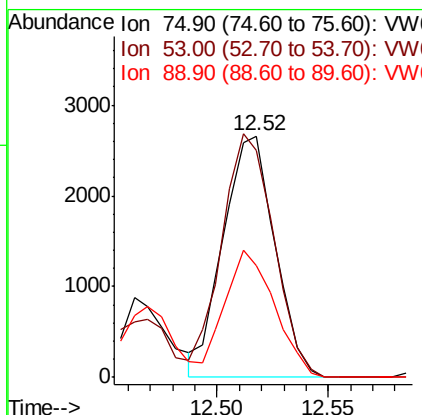
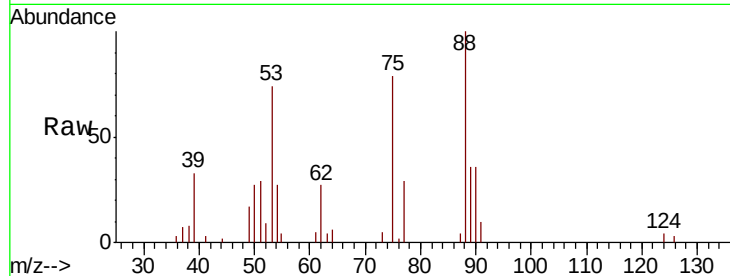




#81
trans-1,4-Dichloro-2-butene
Concen: 18.263 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

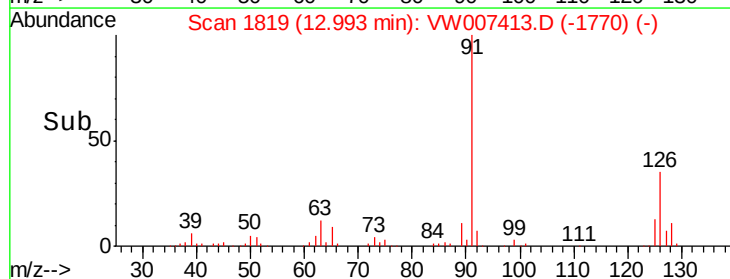
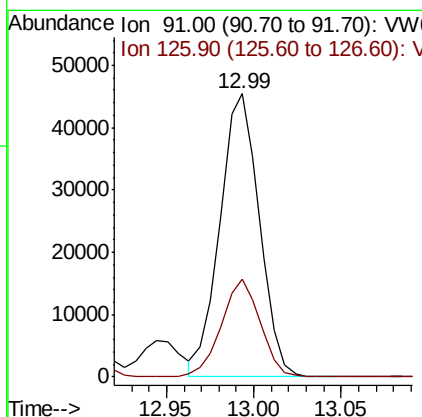
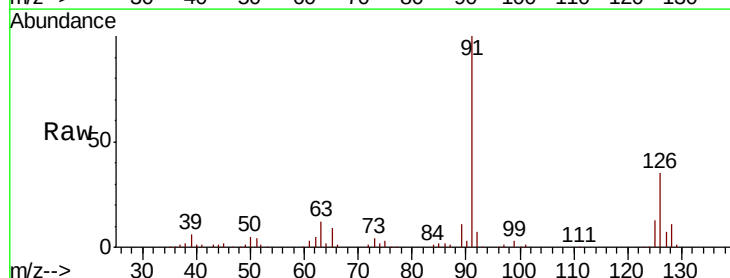
Instrument :
MSVOA_W
ClientSampleId :
VW1213BSD01

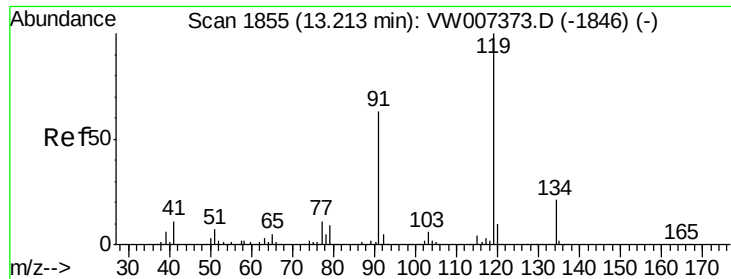
Tgt Ion: 75 Resp: 4289
Ion Ratio Lower Upper
75 100
53 101.9 84.9 127.3
89 50.3 40.3 60.5



#82
4-Chlorotoluene
Concen: 20.556 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 91 Resp: 71135
Ion Ratio Lower Upper
91 100
126 34.1 16.0 48.0

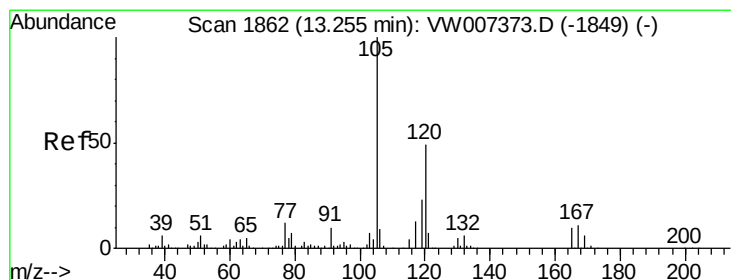
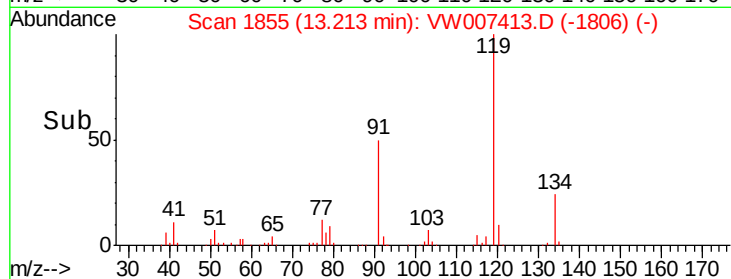
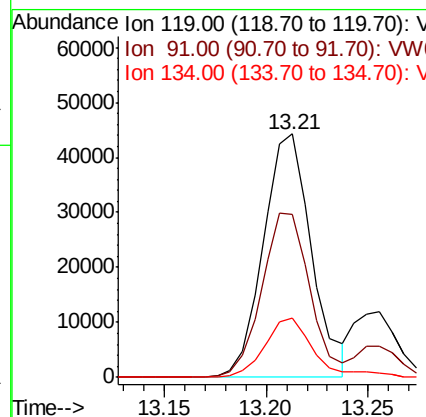
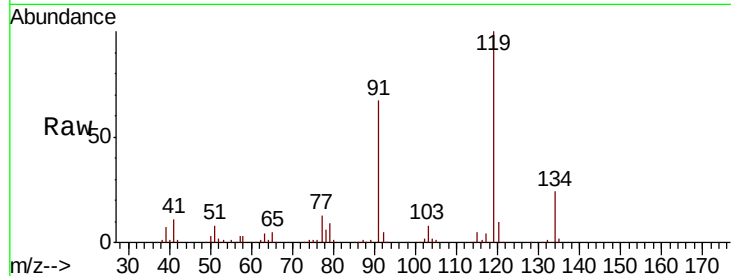




#83
 tert-Butylbenzene
 Concen: 20.416 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

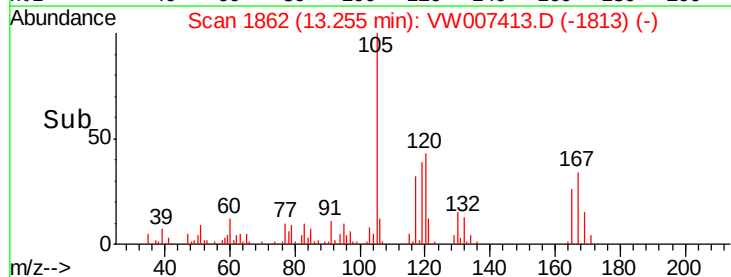
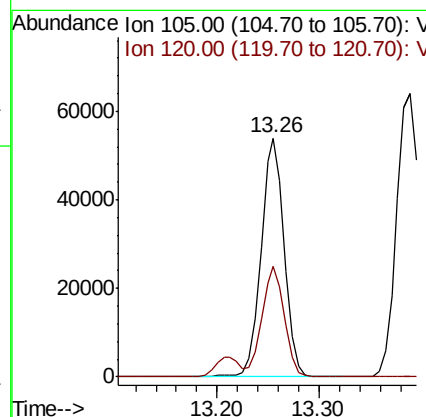
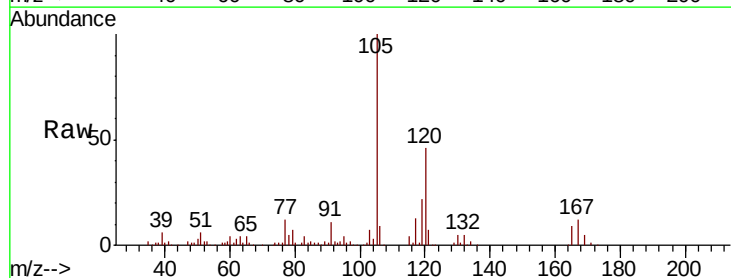
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

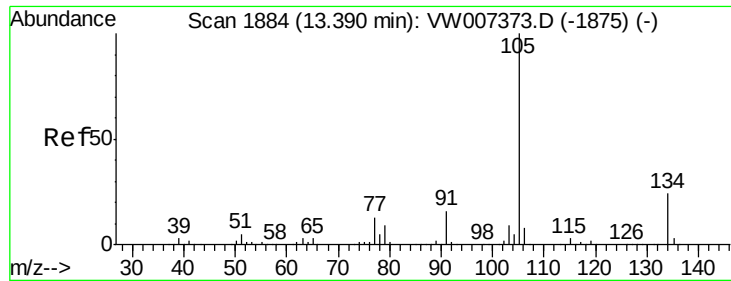
Tgt Ion:119 Resp: 72869
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.1 99.2
 134 24.9 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.412 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion:105 Resp: 85087
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

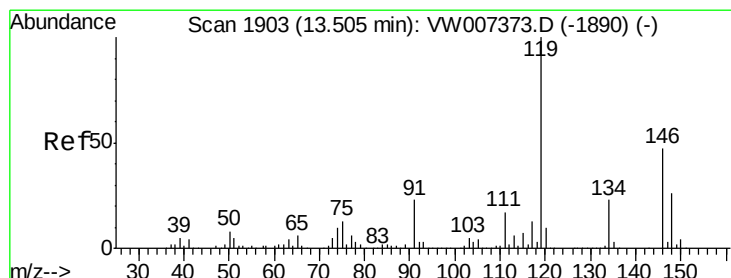
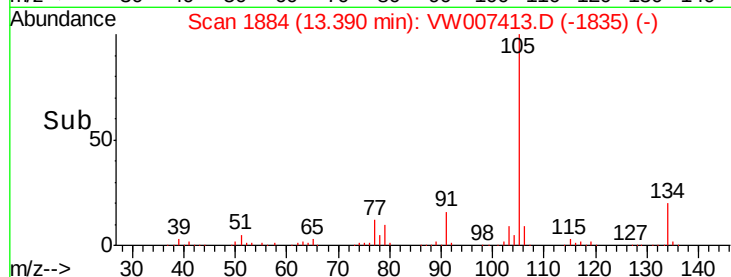
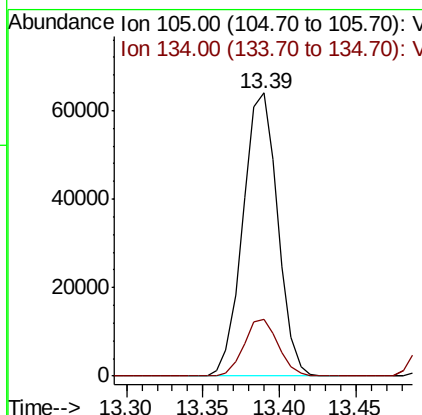
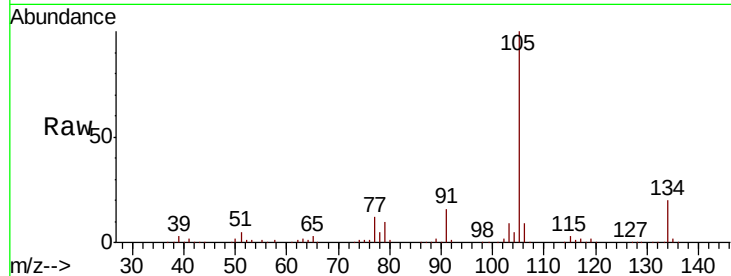




#85
 sec-Butylbenzene
 Concen: 20.733 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

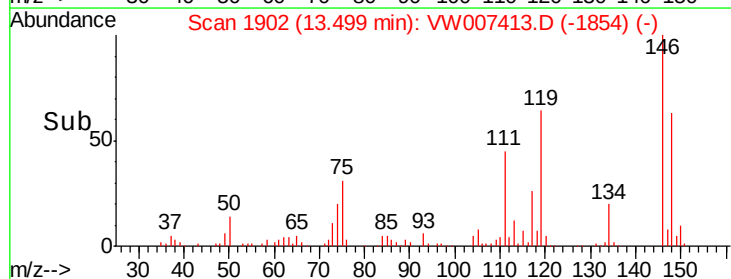
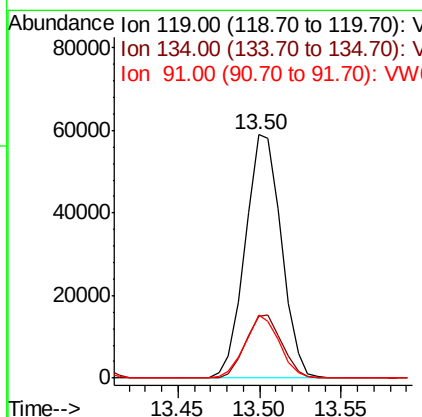
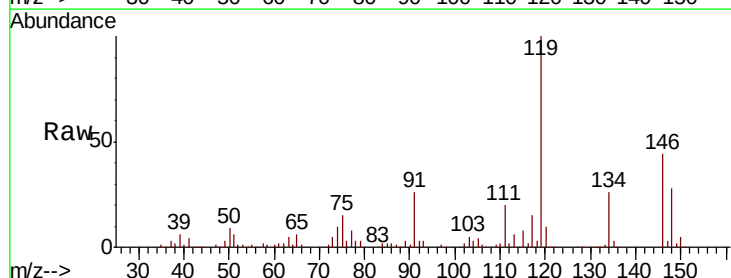
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

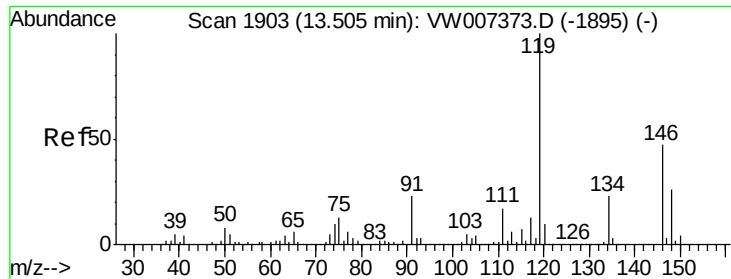
Tgt Ion:105 Resp: 101022
 Ion Ratio Lower Upper
 105 100
 134 19.7 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 20.800 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion:119 Resp: 91049
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.386 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

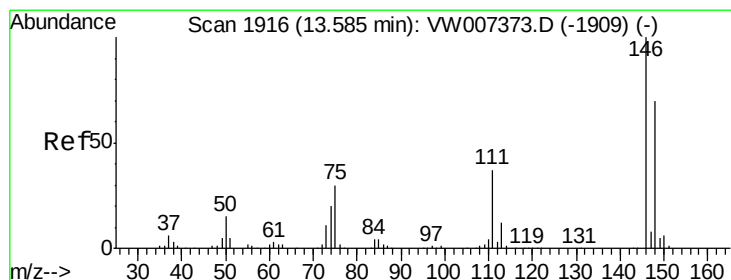
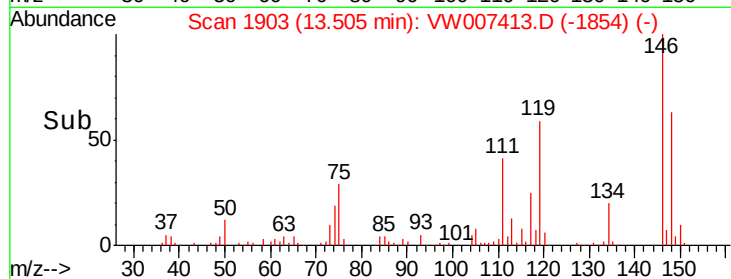
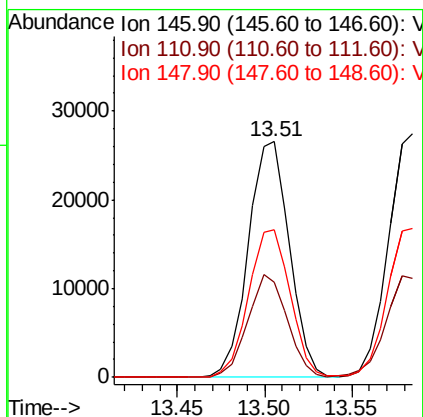
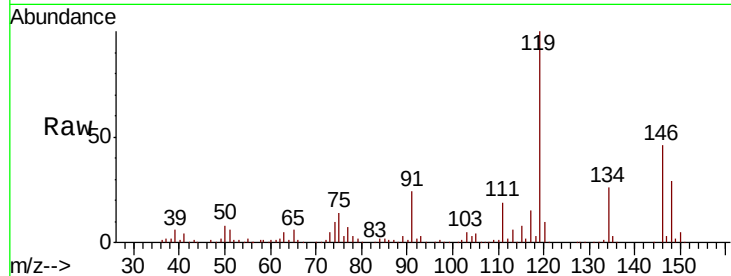
Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion:146 Resp: 43434

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.3
148	63.5	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 20.371 ug/l

RT: 13.58 min Scan# 1916

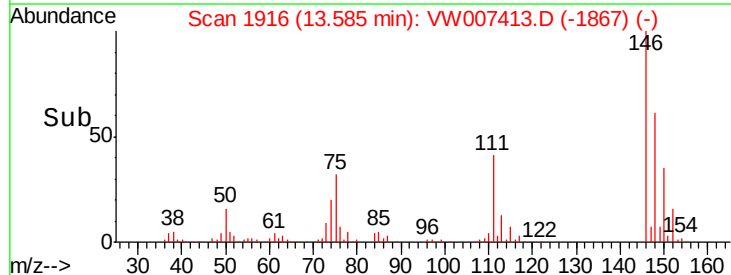
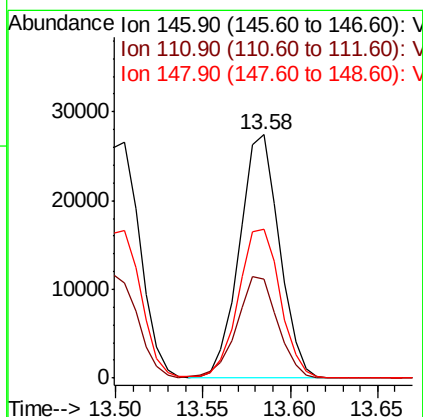
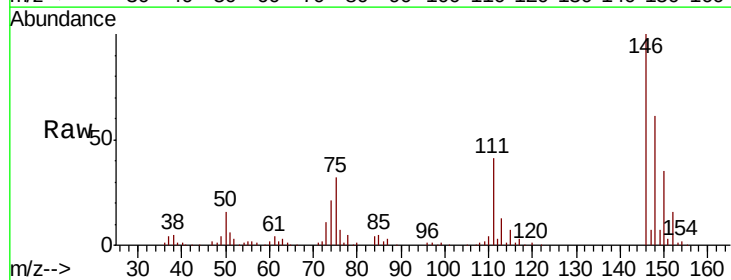
Delta R.T. -0.00 min

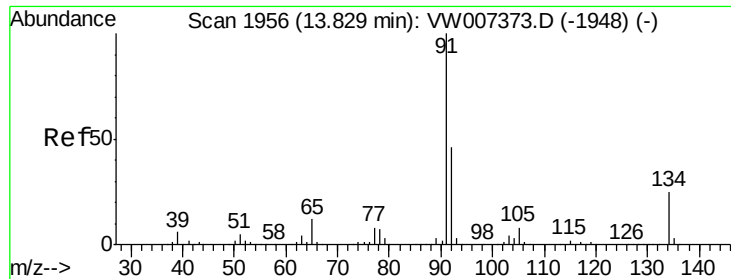
Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:146 Resp: 43633

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.3	61.0
148	64.2	33.5	100.5





#89

n-Butylbenzene

Concen: 20.815 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

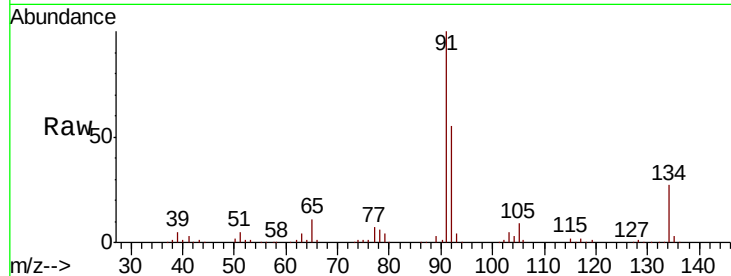
Tgt Ion: 91 Resp: 84469

Ion Ratio Lower Upper

91 100

92 52.5 25.7 77.1

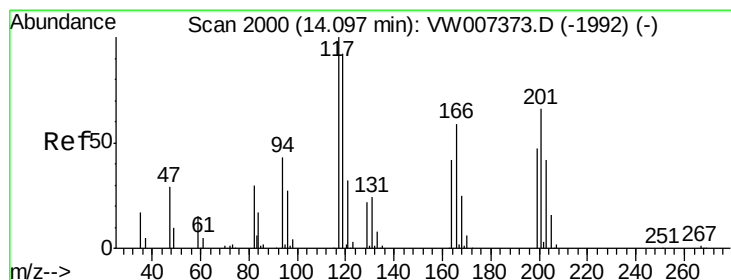
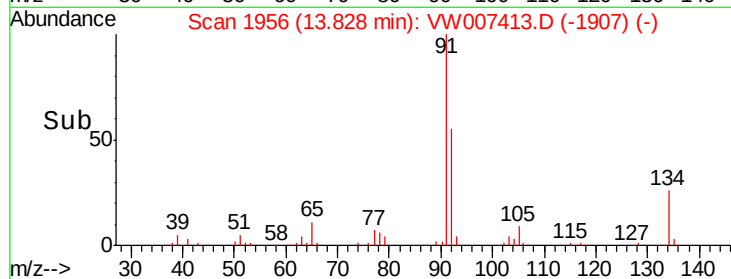
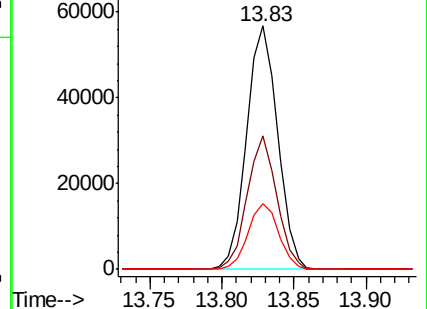
134 26.5 13.4 40.2



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): VW



#90

Hexachloroethane

Concen: 20.132 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007413.D

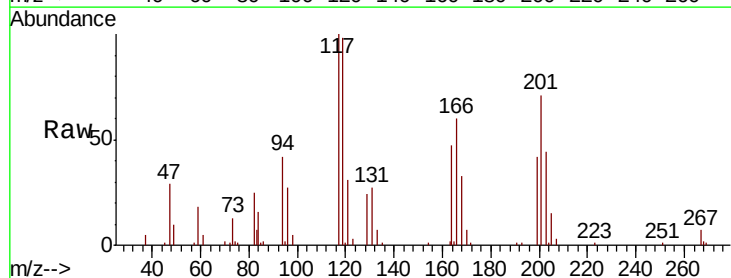
Acq: 12 Dec 2018 00:55

Tgt Ion: 117 Resp: 15680

Ion Ratio Lower Upper

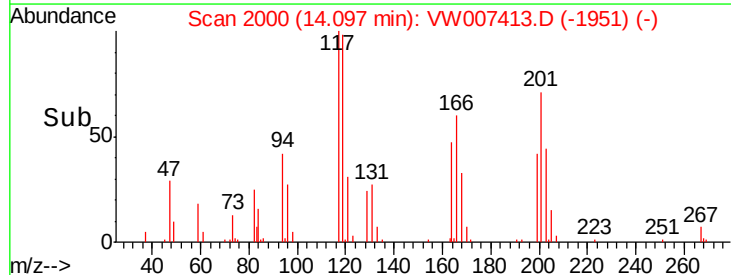
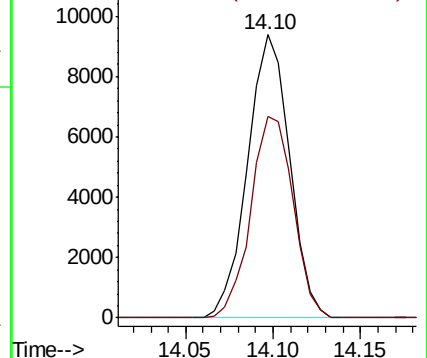
117 100

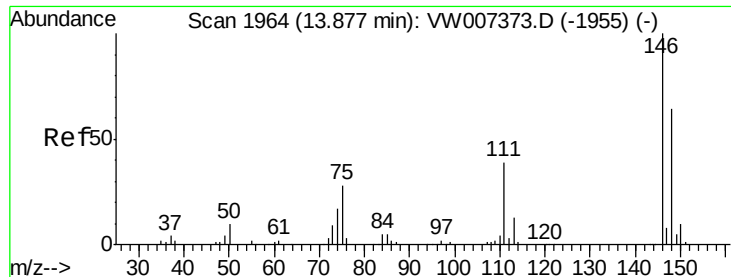
201 71.8 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

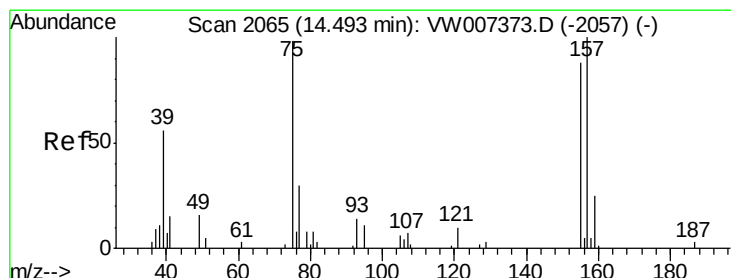
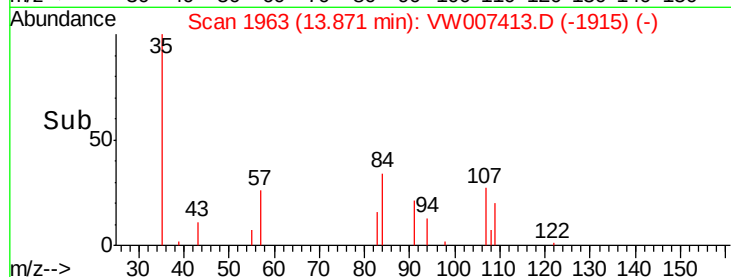
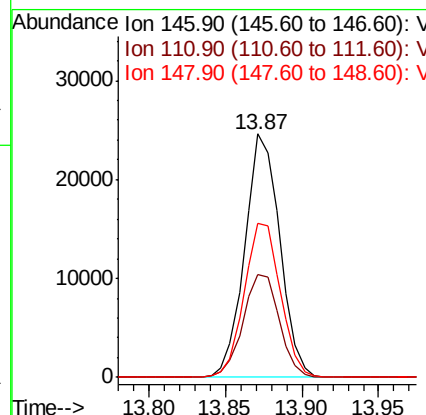
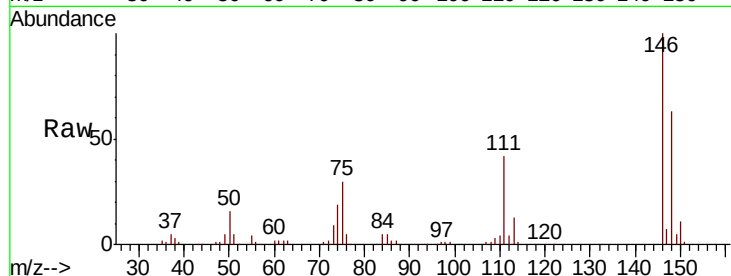




#91
 1,2-Dichlorobenzene
 Concen: 20.548 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

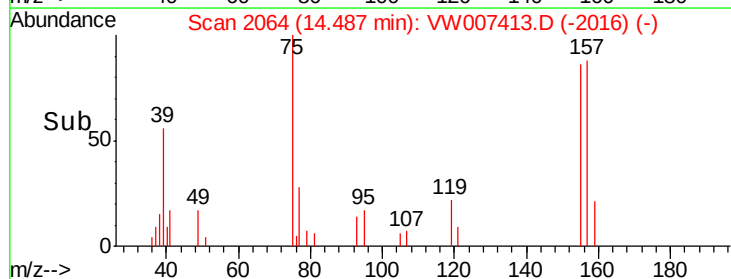
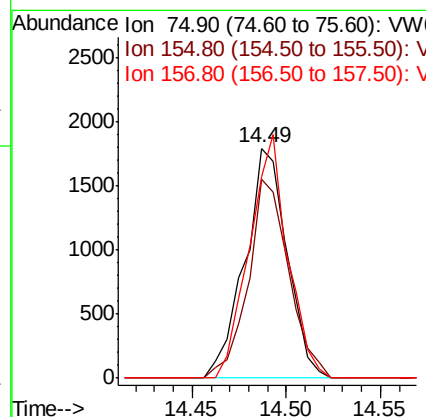
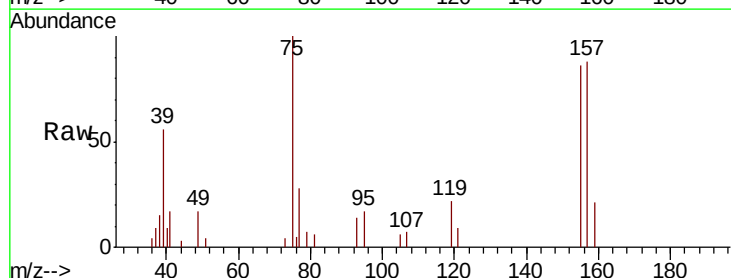
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

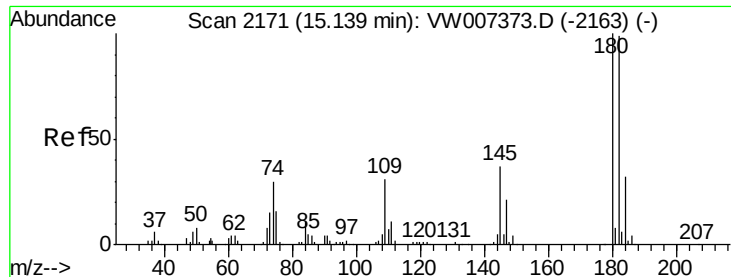
Tgt Ion: 146 Resp: 39212
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.2
 148 65.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.457 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 75 Resp: 2788
 Ion Ratio Lower Upper
 75 100
 155 83.1 40.8 122.2
 157 95.8 51.1 153.4

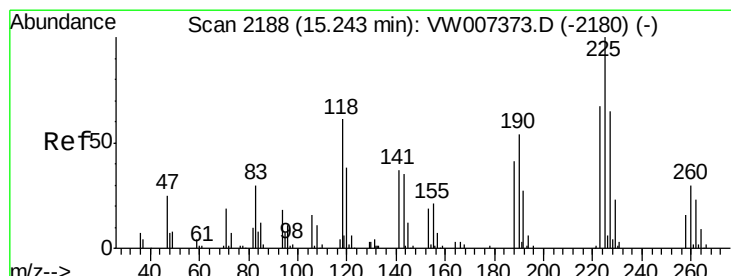
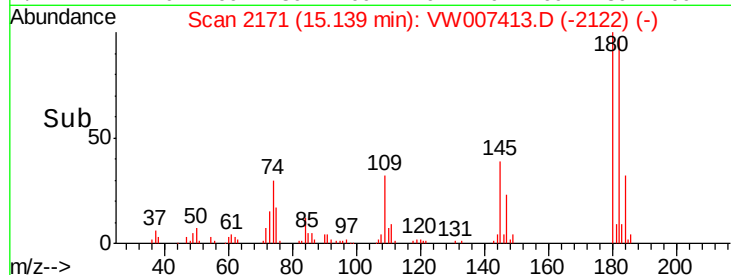
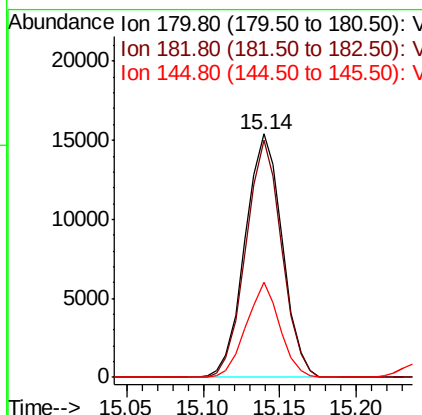
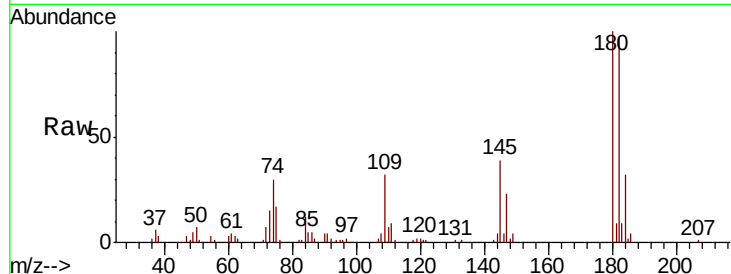




#93
 1,2,4-Trichlorobenzene
 Concen: 19.828 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

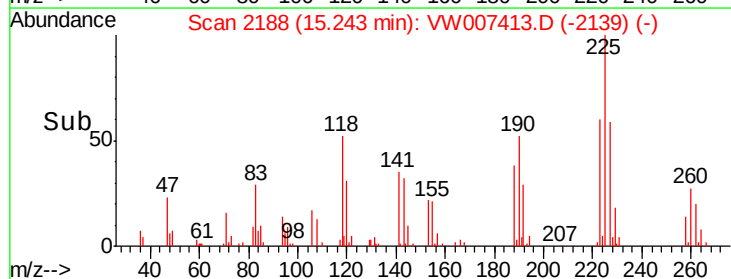
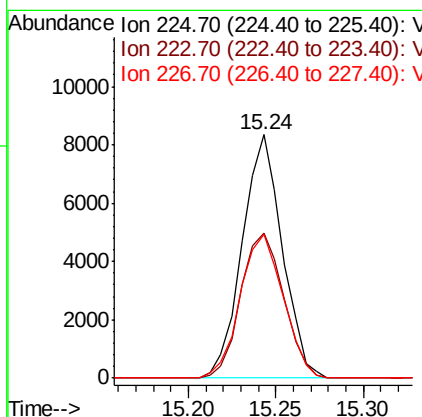
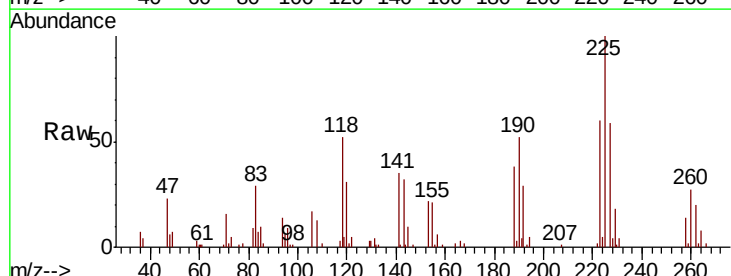
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

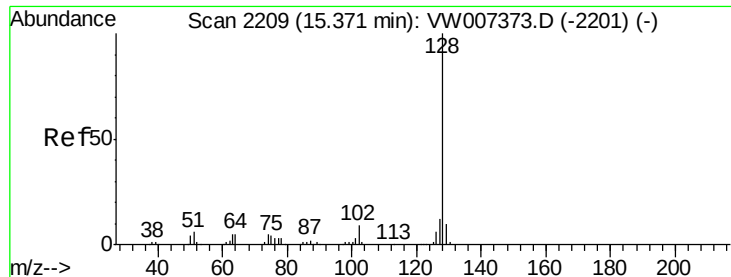
Tgt Ion:180 Resp: 26039
 Ion Ratio Lower Upper
 180 100
 182 93.9 49.9 149.6
 145 35.0 17.8 53.4



#94
 Hexachlorobutadiene
 Concen: 19.020 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion:225 Resp: 13253
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.1 96.3
 227 63.7 31.9 95.9

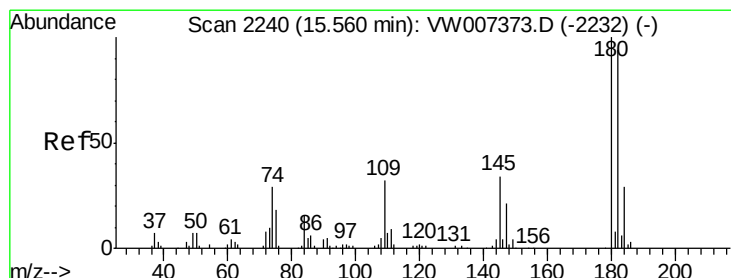
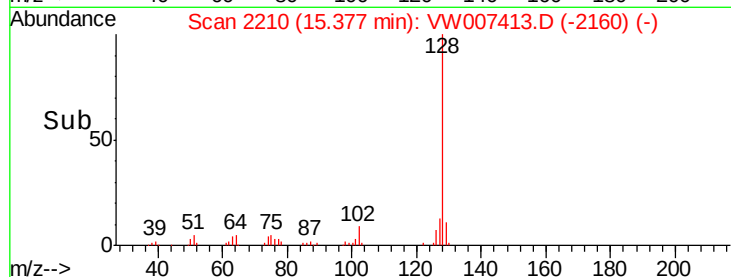
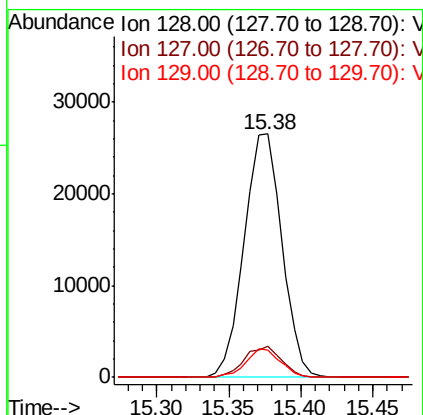
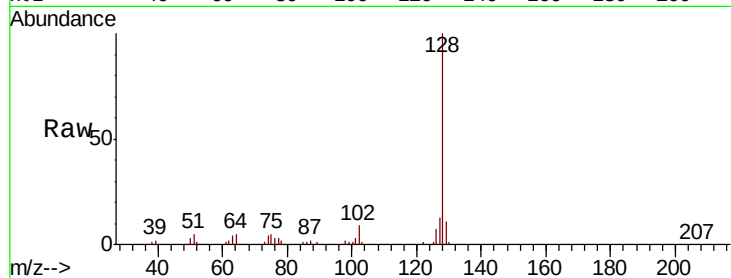




#95
Naphthalene
Concen: 19.208 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion:128 Resp: 48256
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.636 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:180 Resp: 22401
Ion Ratio Lower Upper
180 100
182 95.3 45.6 136.7
145 35.0 17.5 52.5

