

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008700.D
 Acq On : 15 Feb 2019 23:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:37:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	512344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	470976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	199979	59.71	ug/l	0.00
Spiked Amount			Recovery	=	119.42%	
35) Dibromofluoromethane	7.88	113	177376	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	10.32	98	669897	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.62	95	246049	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	94389	45.745	ug/l	97
3) Chloromethane	2.21	50	134659	45.270	ug/l	98
4) Vinyl Chloride	2.36	62	169865	43.474	ug/l	97
5) Bromomethane	2.78	94	152753	49.406	ug/l	98
6) Chloroethane	2.92	64	139838	48.098	ug/l	96
7) Trichlorofluoromethane	3.25	101	132031	43.386	ug/l	99
8) Diethyl Ether	3.67	74	98414	54.192	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	158108	49.163	ug/l	97
10) Methyl Iodide	4.26	142	267850	53.362	ug/l	99
11) Tert butyl alcohol	5.17	59	71076	265.238	ug/l	97
12) 1,1-Dichloroethene	4.03	96	149823	47.637	ug/l	98
13) Acrolein	3.89	56	82936	300.396	ug/l	97
14) Allyl chloride	4.66	41	269506	51.577	ug/l	100
15) Acrylonitrile	5.36	53	213558	279.387	ug/l	99
16) Acetone	4.12	43	189367	248.466	ug/l	95
17) Carbon Disulfide	4.37	76	446938	47.090	ug/l	98
18) Methyl Acetate	4.67	43	95776	54.994	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	304148	55.088	ug/l	95
20) Methylene Chloride	4.90	84	180280	54.312	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	178934	51.951	ug/l	94
22) Diisopropyl ether	6.31	45	574496	54.626	ug/l	98
23) Vinyl Acetate	6.25	43	1829120	267.977	ug/l	99
24) 1,1-Dichloroethane	6.21	63	324976	53.550	ug/l	98
25) 2-Butanone	7.17	43	282526	262.525	ug/l	99
26) 2,2-Dichloropropane	7.16	77	175033	46.169	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	199479	53.560	ug/l	98
28) Bromochloromethane	7.51	49	154705	60.388	ug/l	97
29) Tetrahydrofuran	7.52	42	191932	270.581	ug/l	99
30) Chloroform	7.67	83	339281	55.795	ug/l	99
31) Cyclohexane	7.95	56	274088	44.747	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	265386	51.676	ug/l	99
36) 1,1-Dichloropropene	8.08	75	249611	48.493	ug/l	100
37) Ethyl Acetate	7.25	43	132787	53.478	ug/l	98
38) Carbon Tetrachloride	8.06	117	251124	49.062	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	298025	45.775	ug/l	98
40) Benzene	8.32	78	723157	51.441	ug/l	100
41) Methacrylonitrile	7.48	41	81398	58.264	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	235690	54.051	ug/l	100
43) Isopropyl Acetate	8.42	43	262531	53.024	ug/l	98
44) Trichloroethene	9.09	130	196627	50.445	ug/l	100
45) 1,2-Dichloropropane	9.37	63	183927	52.866	ug/l	99
46) Dibromomethane	9.45	93	106307	55.469	ug/l	98
47) Bromodichloromethane	9.64	83	254173	55.184	ug/l	100
48) Methyl methacrylate	9.43	41	122790	53.514	ug/l	99
49) 1,4-Dioxane	9.45	88	35606	1163.896	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	676930	266.155	ug/l	100
52) Toluene	10.38	92	465062	51.279	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	248429	51.342	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	289211	52.726	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	140458	53.412	ug/l	98
56) Ethyl methacrylate	10.65	69	186021	53.273	ug/l	99
57) 1,3-Dichloropropane	10.93	76	249796	53.538	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	419349	250.347	ug/l	99
59) 2-Hexanone	10.97	43	457871	256.265	ug/l	100
60) Dibromochloromethane	11.13	129	170487	54.184	ug/l	99
61) 1,2-Dibromoethane	11.24	107	139734	53.968	ug/l	99
64) Tetrachloroethene	10.86	164	182322	52.057	ug/l	98
65) Chlorobenzene	11.66	112	517681	50.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	189392	52.666	ug/l	98
67) Ethyl Benzene	11.73	91	904421	50.016	ug/l	97
68) m/p-Xylenes	11.84	106	698232	99.241	ug/l	100
69) o-Xylene	12.16	106	334505	50.298	ug/l	100
70) Styrene	12.18	104	552374	50.851	ug/l	99
71) Bromoform	12.35	173	101366	52.315	ug/l #	99
73) Isopropylbenzene	12.46	105	895846	48.952	ug/l	100
74) N-amyl acetate	12.27	43	251087	50.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	168643	52.965	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	223240	92.020	ug/l #	100
77) Bromobenzene	12.75	156	218419	51.921	ug/l	98
78) n-propylbenzene	12.80	91	1066049	49.027	ug/l	100
79) 2-Chlorotoluene	12.90	91	620609	50.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	760561	50.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47616	43.613	ug/l	99
82) 4-Chlorotoluene	12.99	91	645445	49.559	ug/l	100
83) tert-Butylbenzene	13.21	119	658735	49.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	784225	50.196	ug/l	100
85) sec-Butylbenzene	13.38	105	938011	48.808	ug/l	100
86) p-Isopropyltoluene	13.50	119	838288	48.758	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	426081	49.964	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	424714	50.534	ug/l	99
89) n-Butylbenzene	13.83	91	786186	48.120	ug/l	99
90) Hexachloroethane	14.10	117	155953	51.919	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	389098	51.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28495	51.500	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

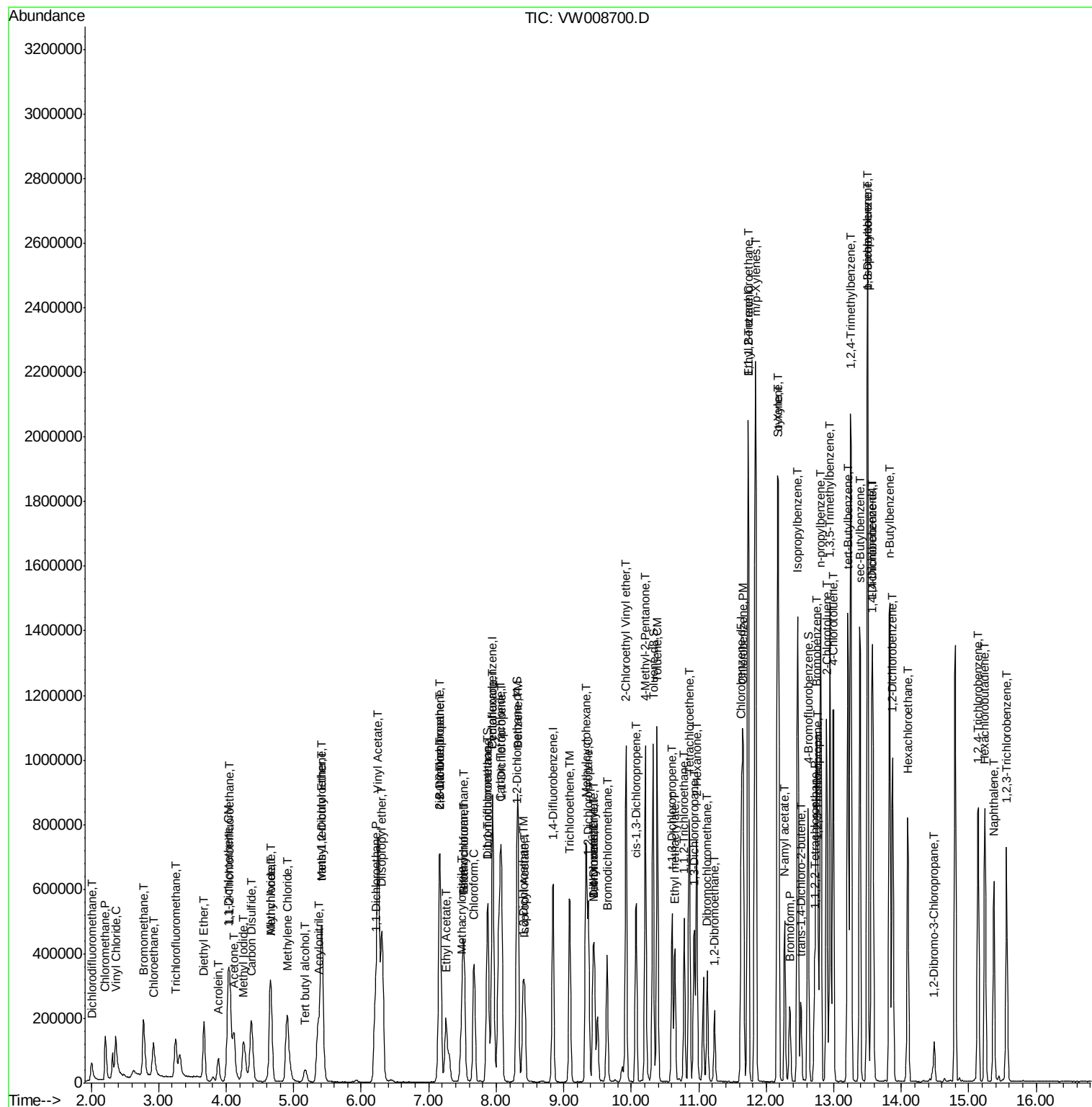
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	269843	50.172	ug/l	99
94) Hexachlorobutadiene	15.24	225	157789	50.400	ug/l	99
95) Naphthalene	15.37	128	509269	52.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	238384	51.652	ug/l	99

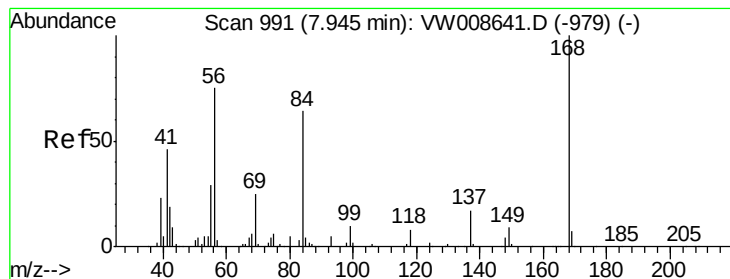
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
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Instrument :
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 ClientSampled :

Quant Time: Feb 16 00:37:30 2019
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 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

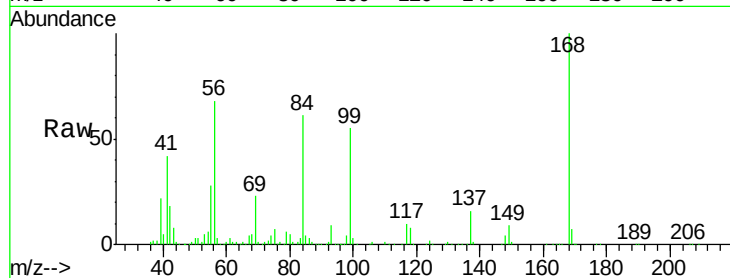
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 322156

Ion Ratio Lower Upper

168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

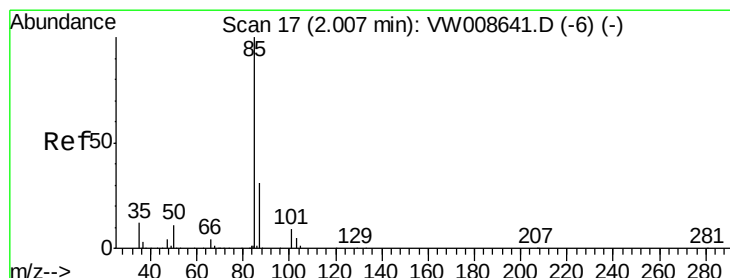
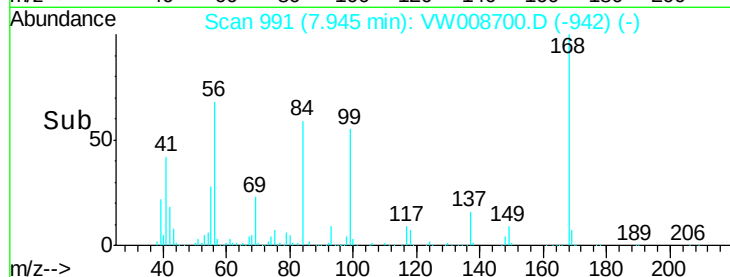
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 45.745 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008700.D

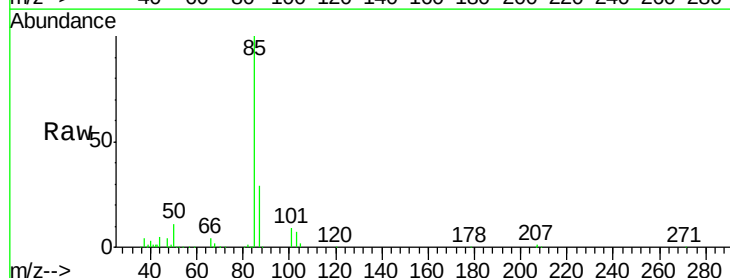
Acq: 15 Feb 2019 23:29

Tgt Ion: 85 Resp: 94389

Ion Ratio Lower Upper

85 100

87 29.2 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

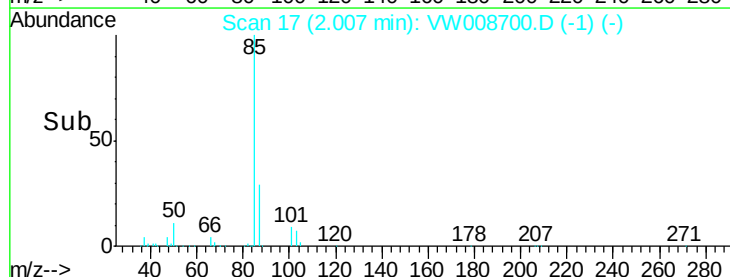
30000

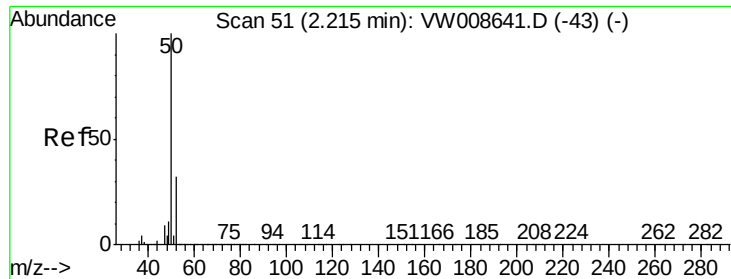
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 45.270 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

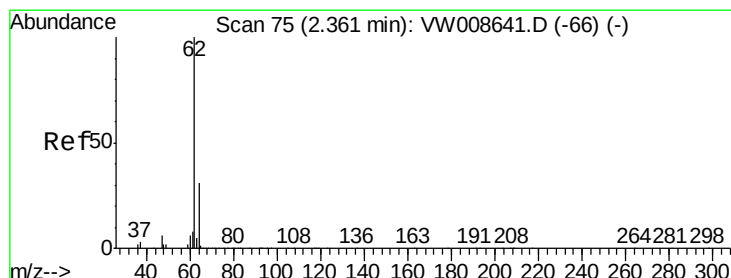
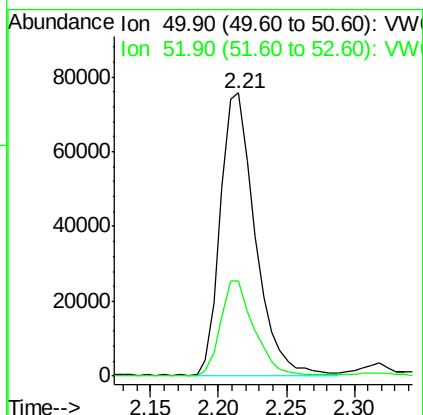
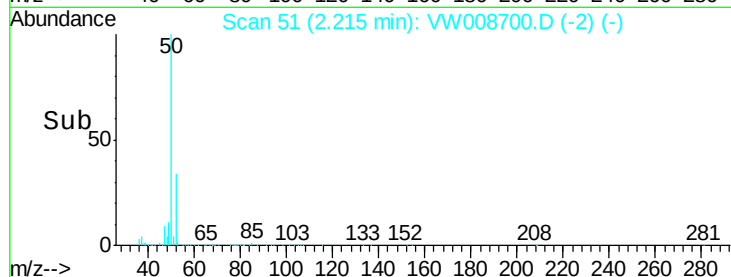
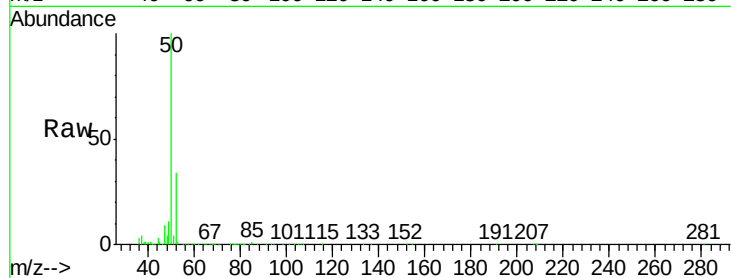
ClientSampleId :

Tot Ion: 50 Resp: 134659

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 43.474 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW008700.D

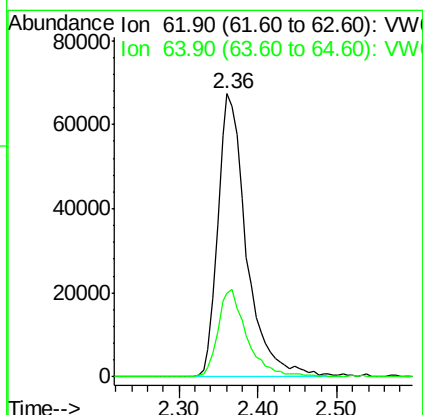
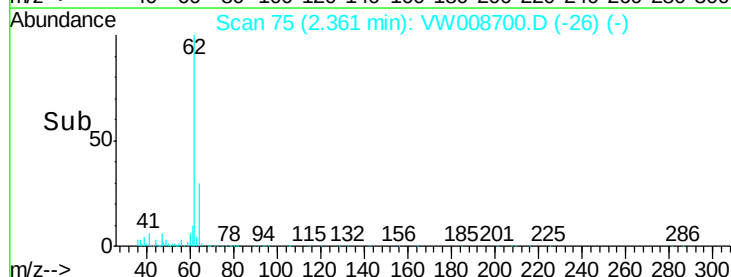
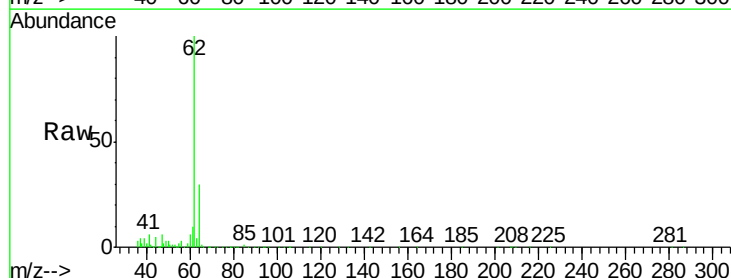
Acq: 15 Feb 2019 23:29

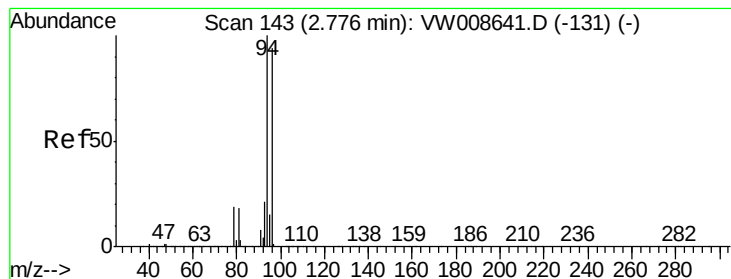
Tgt Ion: 62 Resp: 169865

Ion Ratio Lower Upper

62 100

64 29.5 25.1 37.7





#5

Bromomethane

Concen: 49.406 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

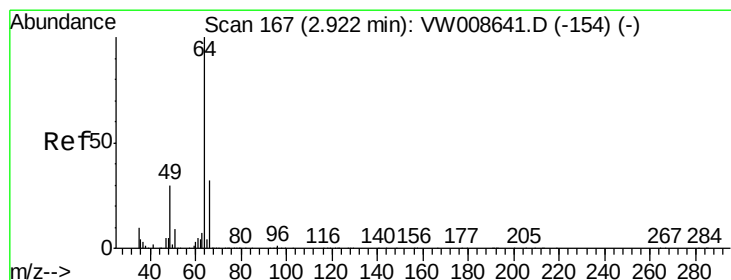
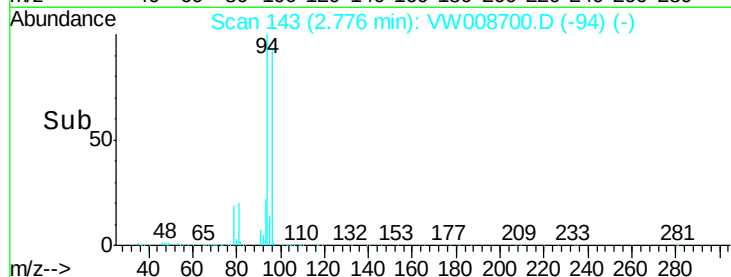
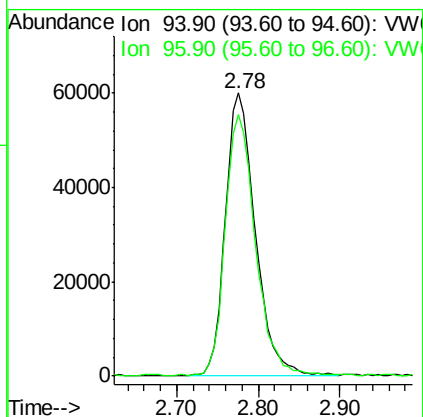
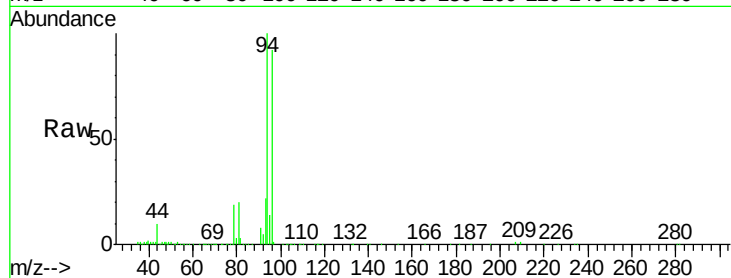
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 152753

Ion Ratio Lower Upper

94 100

96 92.3 75.5 113.3



#6

Chloroethane

Concen: 48.098 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW008700.D

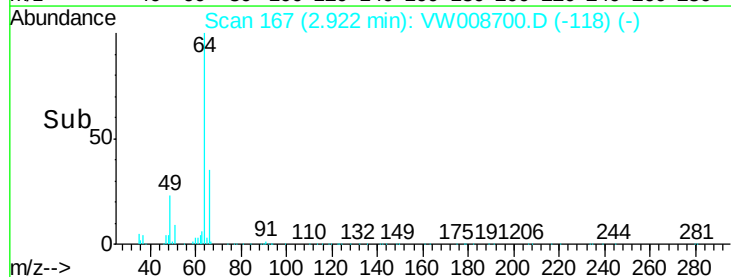
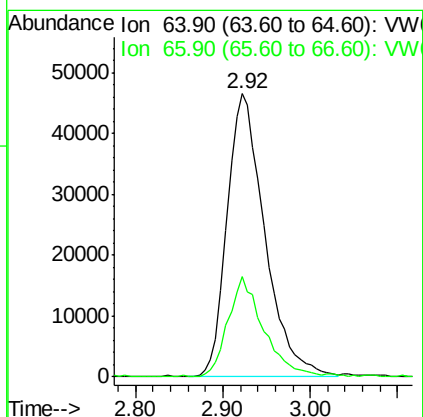
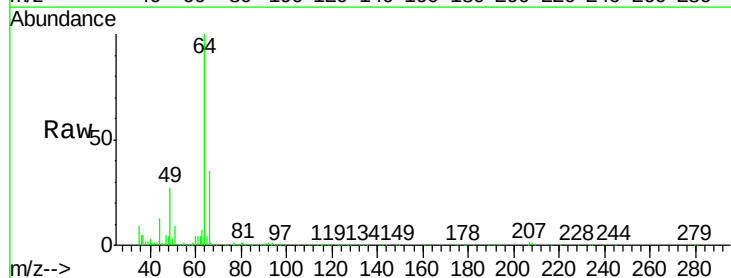
Acq: 15 Feb 2019 23:29

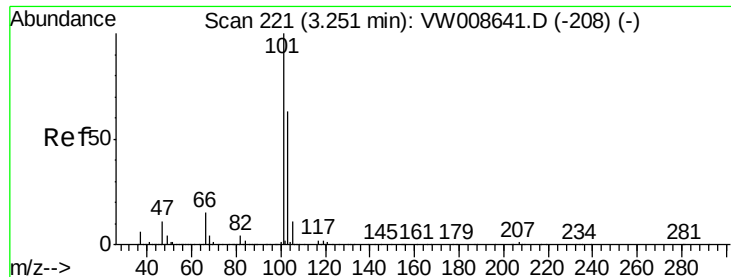
Tgt Ion: 64 Resp: 139838

Ion Ratio Lower Upper

64 100

66 35.0 26.2 39.4



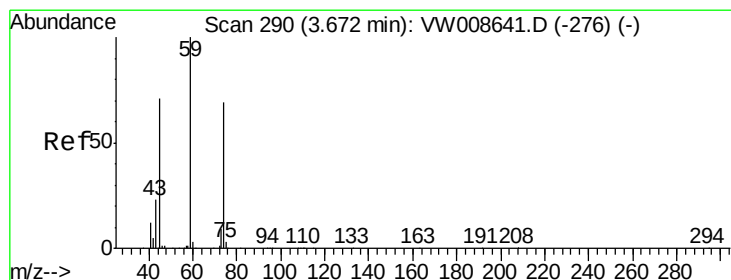
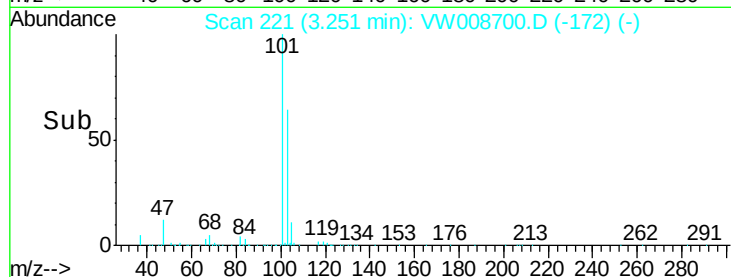
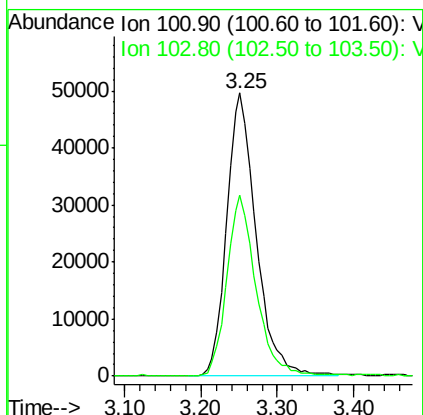
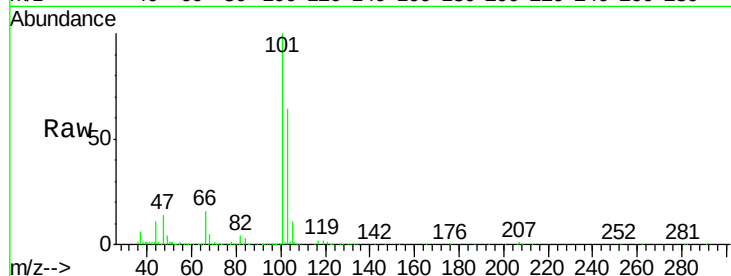


#7

Trichlorofluoromethane
Concen: 43.386 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampled :

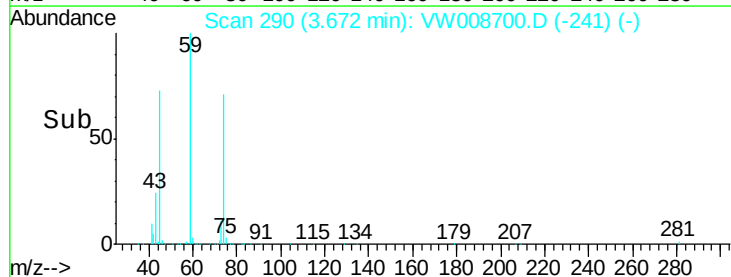
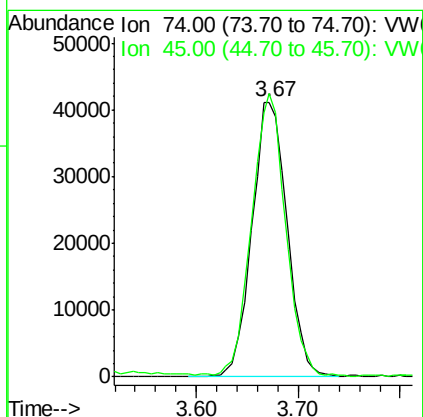
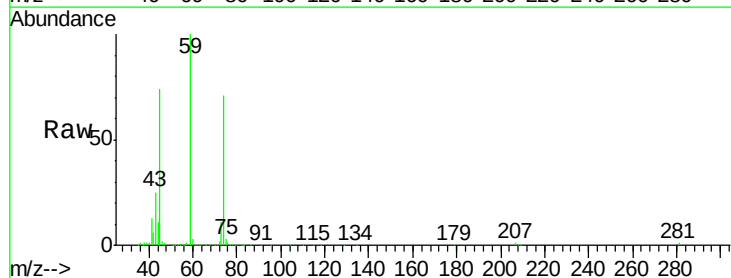
Tot Ion:101 Resp: 132031
Ion Ratio Lower Upper
101 100
103 63.8 50.5 75.7

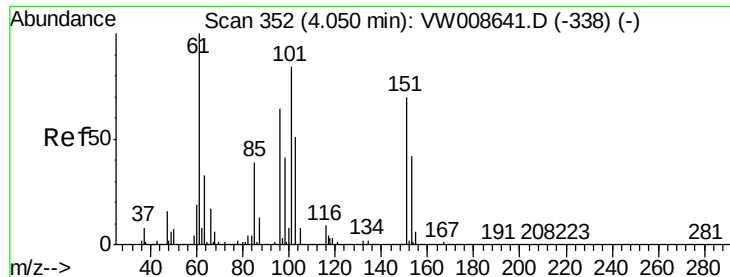


#8

Diethyl Ether
Concen: 54.192 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion: 74 Resp: 98414
Ion Ratio Lower Upper
74 100
45 99.4 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.163 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

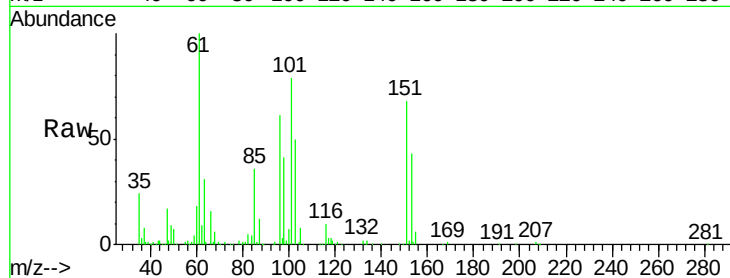
Tot Ion:101 Resp: 158108

Ion Ratio Lower Upper

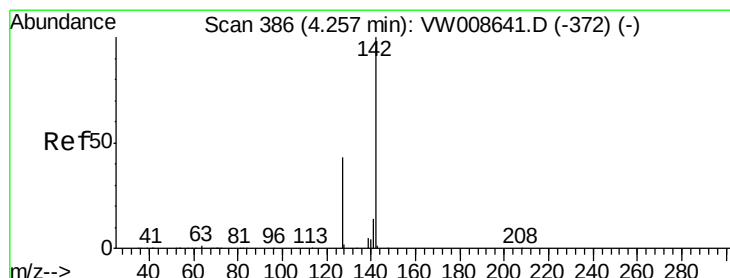
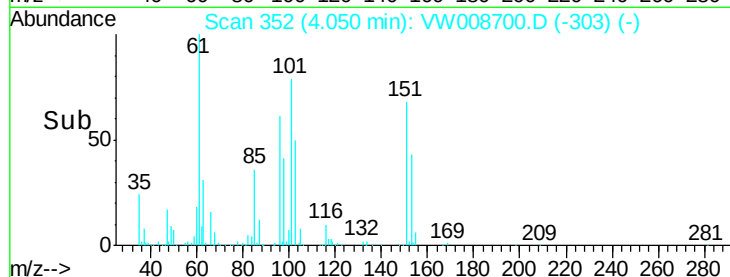
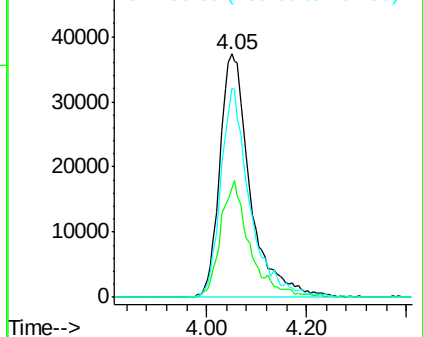
101 100

85 44.3 34.3 51.5

151 79.0 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.362 ug/l

RT: 4.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

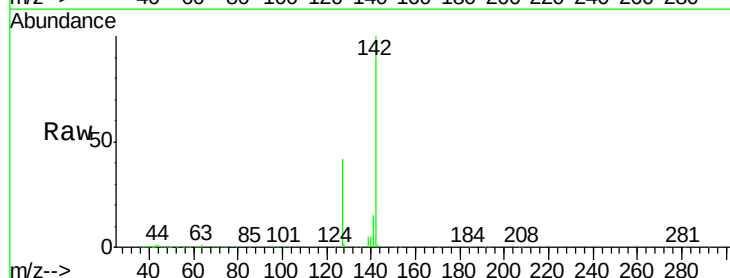
Tgt Ion:142 Resp: 267850

Ion Ratio Lower Upper

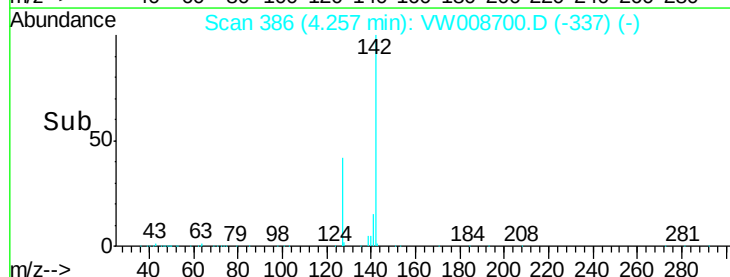
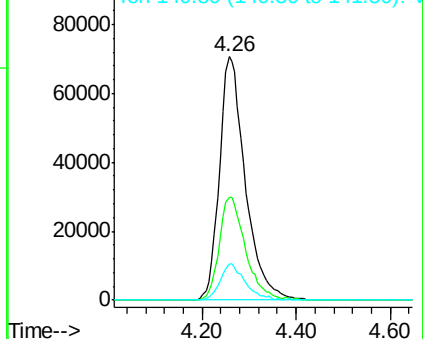
142 100

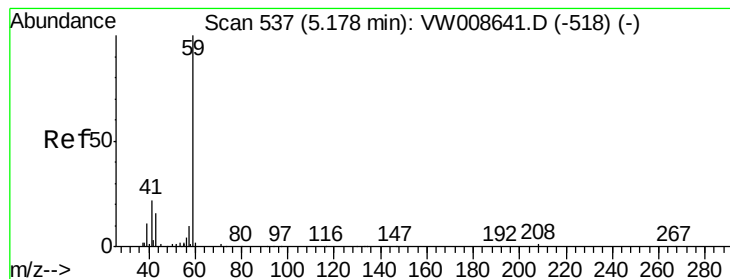
127 43.1 34.8 52.2

141 14.6 11.8 17.8



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



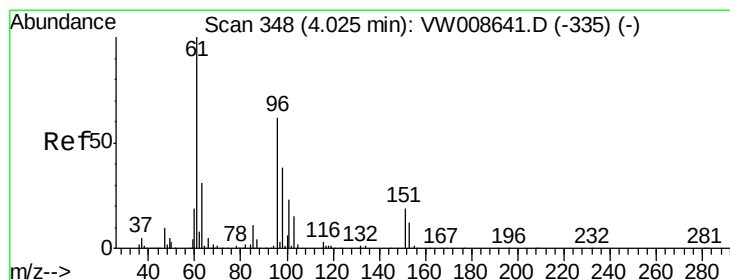
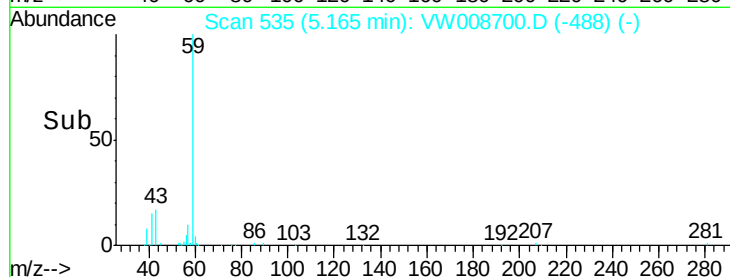
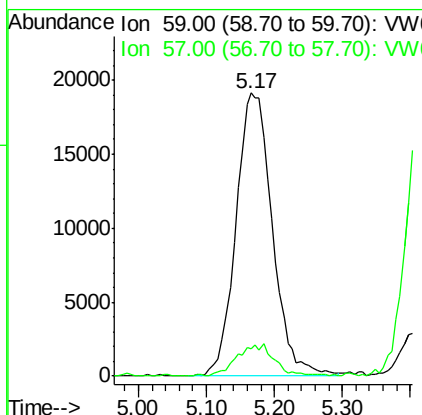
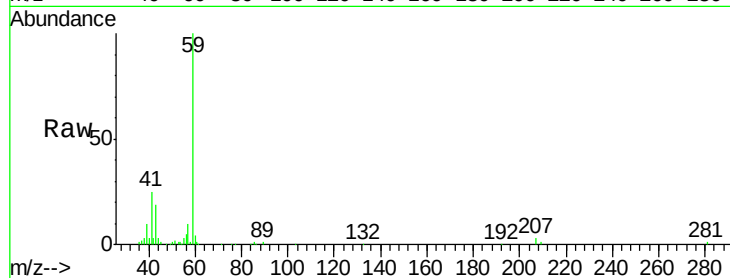


#11

Tert butyl alcohol
 Concen: 265.238 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Instrument :
 MSVOA_W
 ClientSampleId :

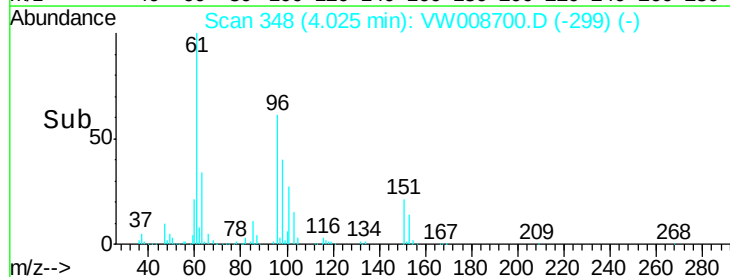
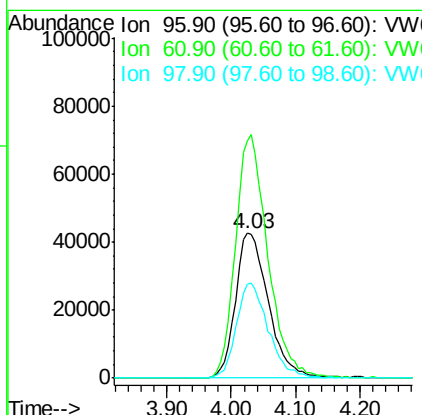
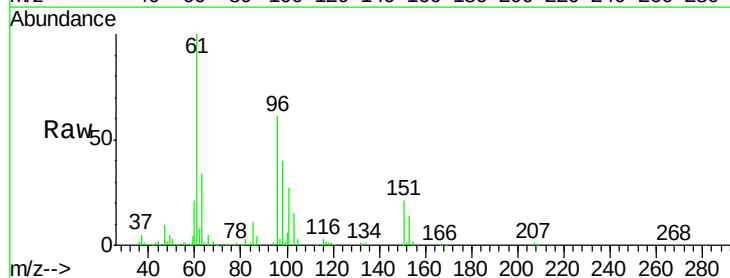
Tot Ion: 59 Resp: 71076
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.3 12.5

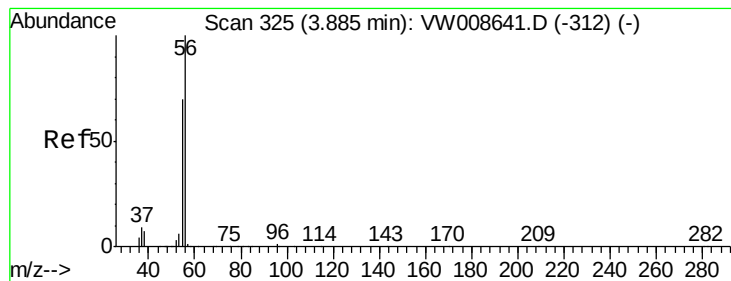


#12

1,1-Dichloroethene
 Concen: 47.637 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion: 96 Resp: 149823
 Ion Ratio Lower Upper
 96 100
 61 164.2 129.8 194.6
 98 65.2 49.3 73.9





#13

Acrolein

Concen: 300.396 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

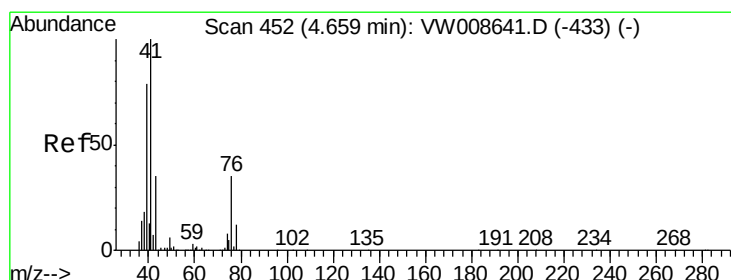
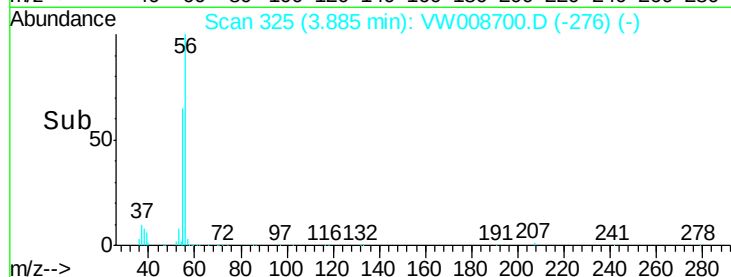
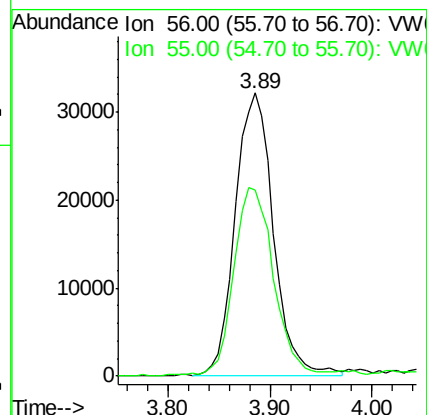
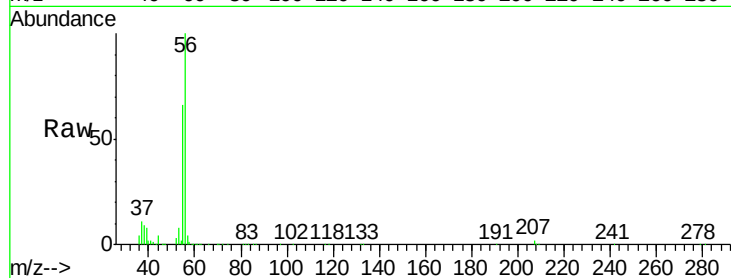
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 82936

Ion Ratio Lower Upper

56 100

55 69.5 57.4 86.2



#14

Allyl chloride

Concen: 51.577 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

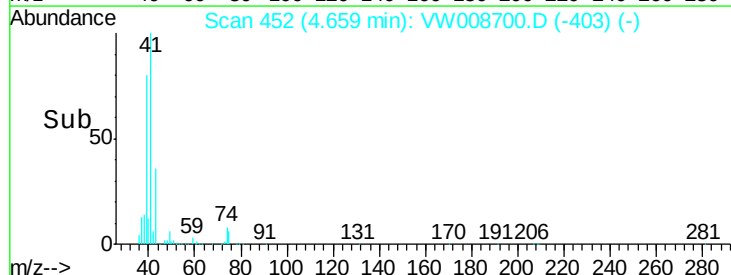
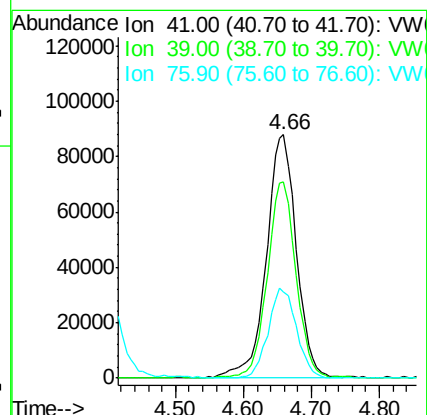
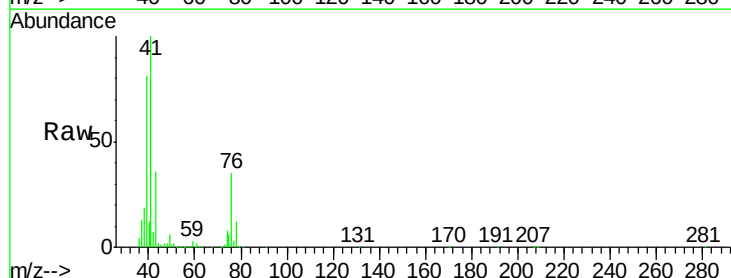
Tgt Ion: 41 Resp: 269506

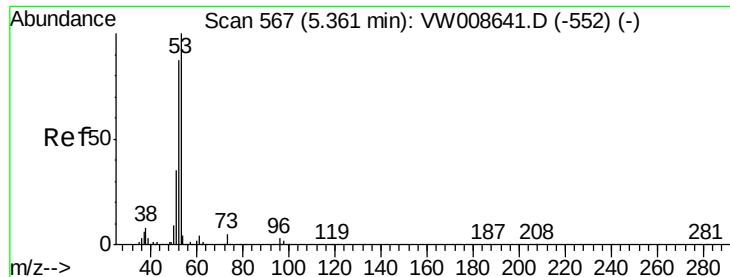
Ion Ratio Lower Upper

41 100

39 77.3 61.7 92.5

76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 279.387 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

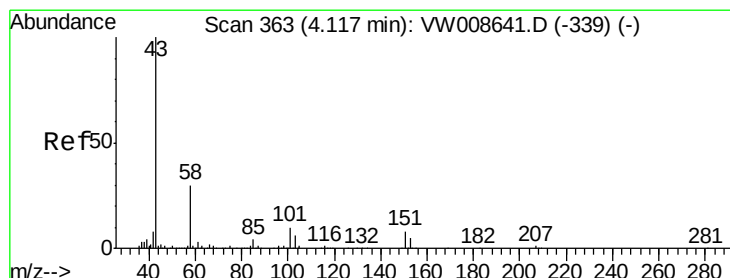
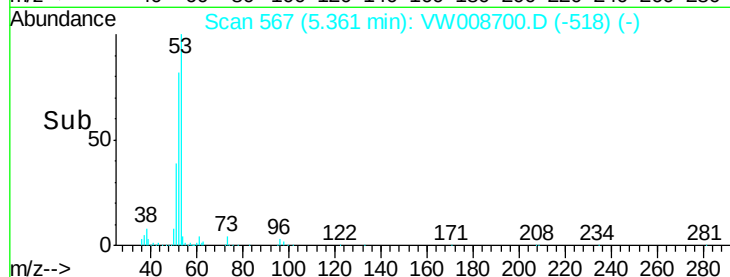
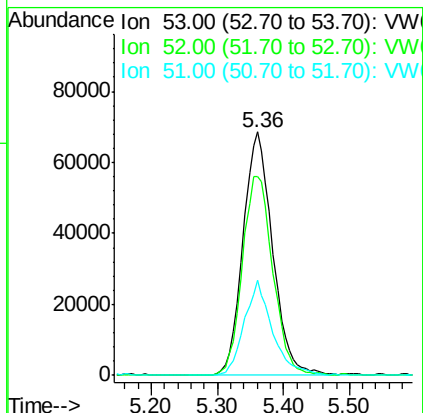
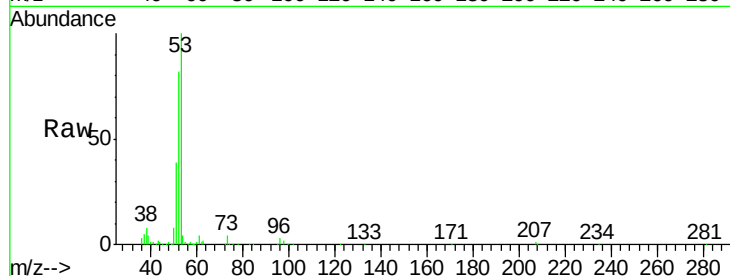
Tot Ion: 53 Resp: 213558

Ion Ratio Lower Upper

53 100

52 84.3 66.8 100.2

51 37.3 29.4 44.0



#16

Acetone

Concen: 248.466 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008700.D

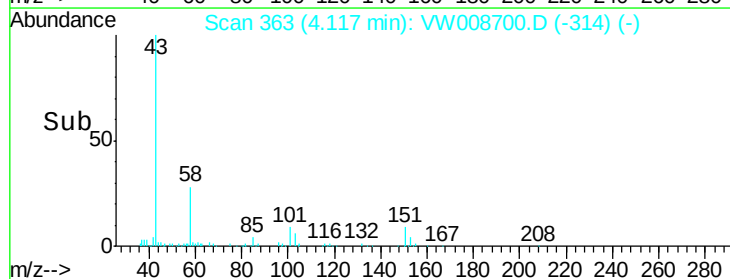
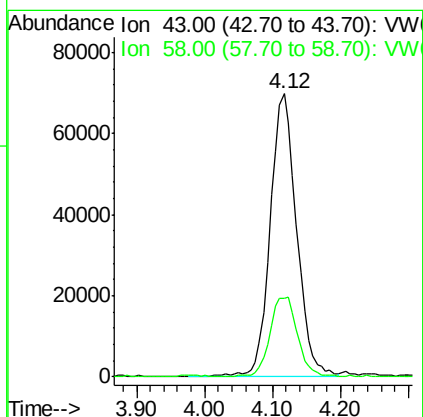
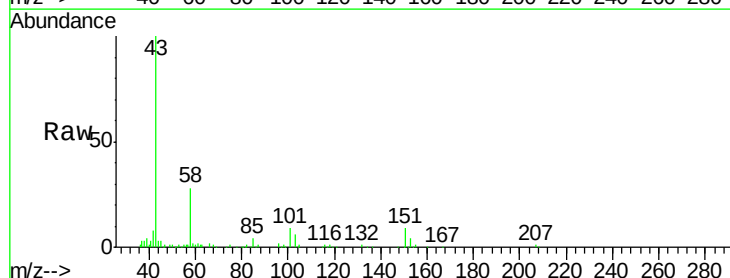
Acq: 15 Feb 2019 23:29

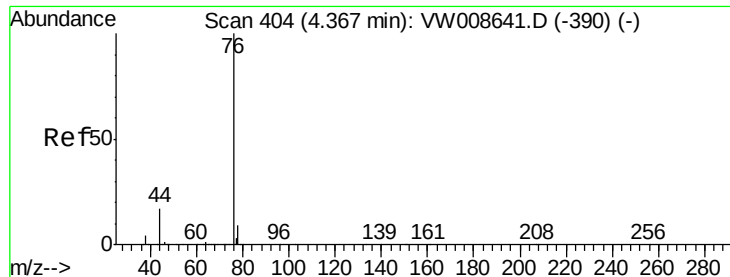
Tgt Ion: 43 Resp: 189367

Ion Ratio Lower Upper

43 100

58 27.4 24.1 36.1





#17

Carbon Disulfide

Concen: 47.090 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

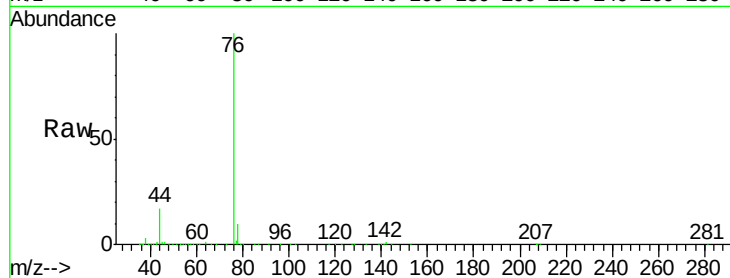
ClientSampleId :

Tot Ion: 76 Resp: 446938

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

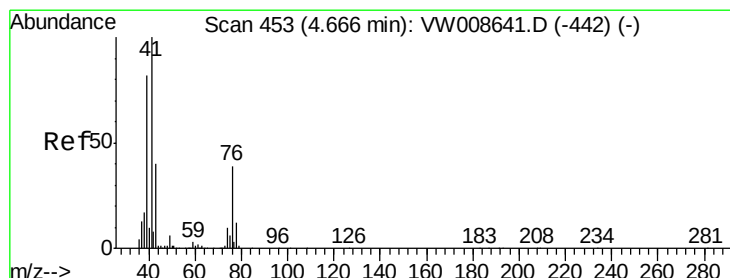
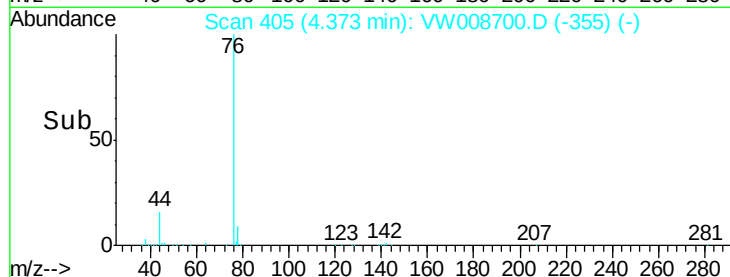
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 54.994 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008700.D

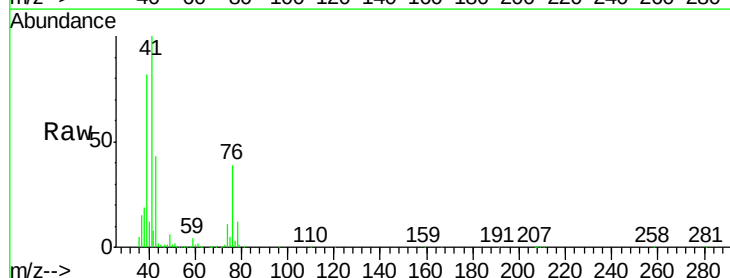
Acq: 15 Feb 2019 23:29

Tgt Ion: 43 Resp: 95776

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

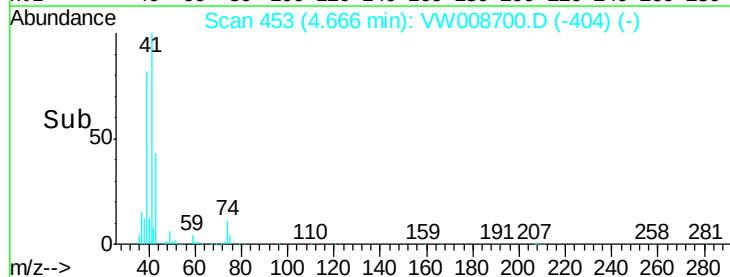
30000

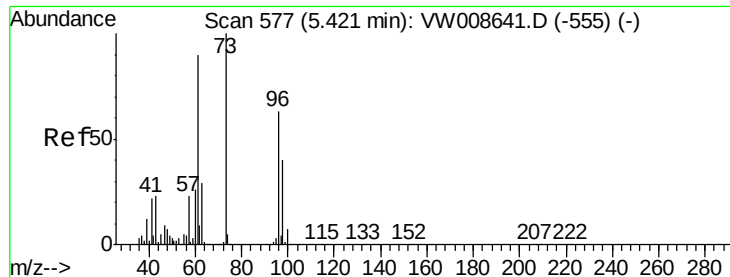
20000

10000

0

Time--> 4.60 4.70



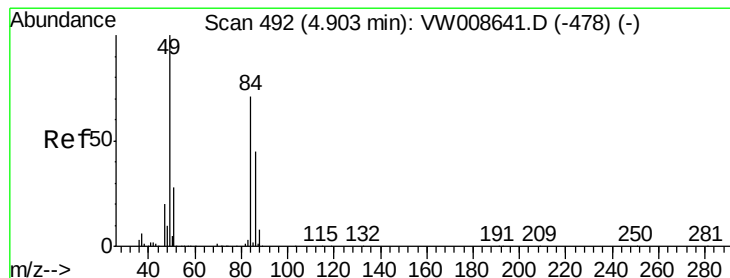
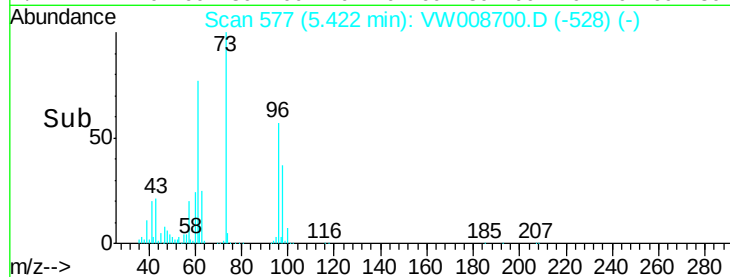
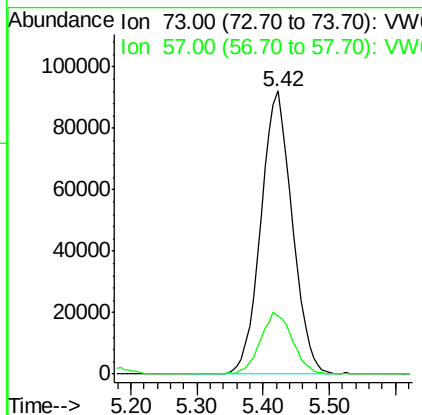
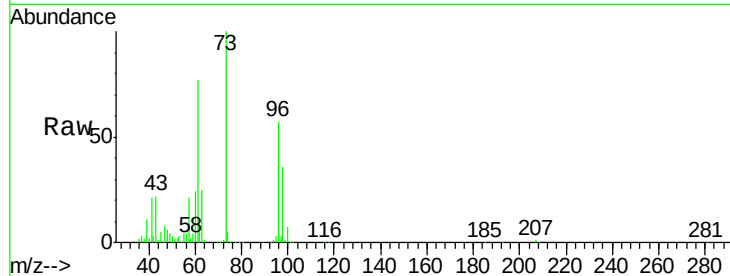


#19

Methyl tert-butyl Ether
 Concen: 55.088 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Instrument :
 MSVOA_W
 ClientSampled :

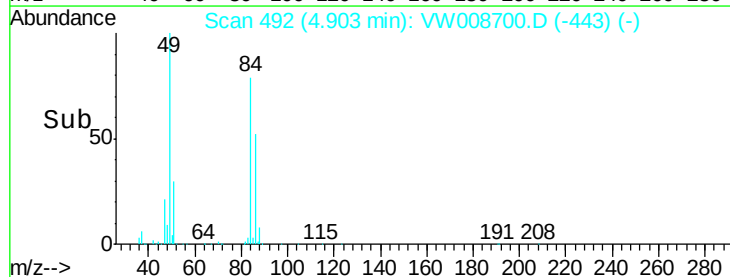
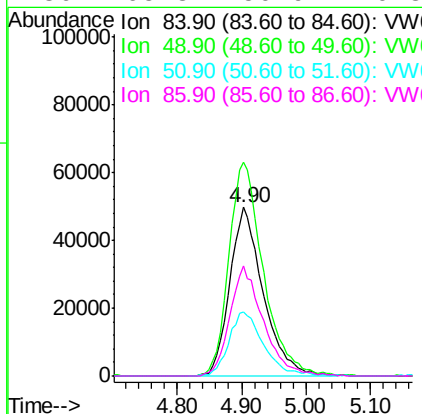
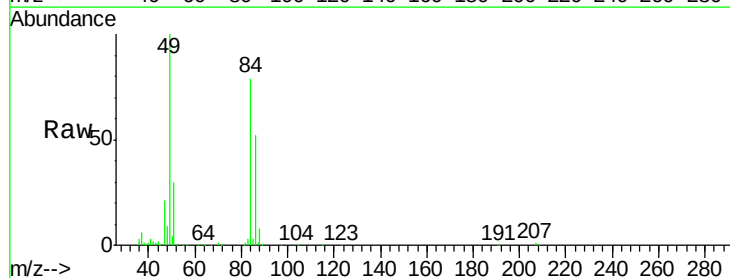
Tot Ion: 73 Resp: 304148
 Ion Ratio Lower Upper
 73 100
 57 20.5 18.2 27.2

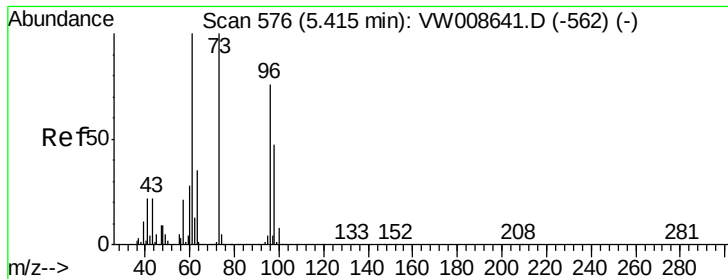


#20

Methylene Chloride
 Concen: 54.312 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion: 84 Resp: 180280
 Ion Ratio Lower Upper
 84 100
 49 126.8 113.3 169.9
 51 38.2 32.1 48.1
 86 65.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 51.951 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampled :

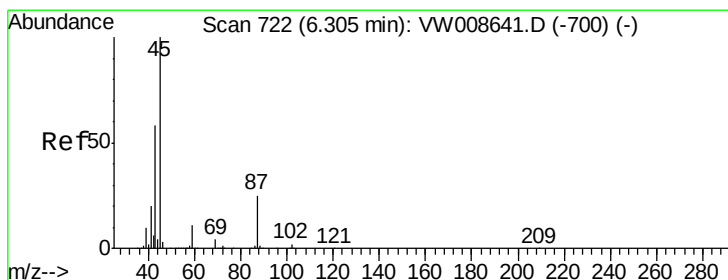
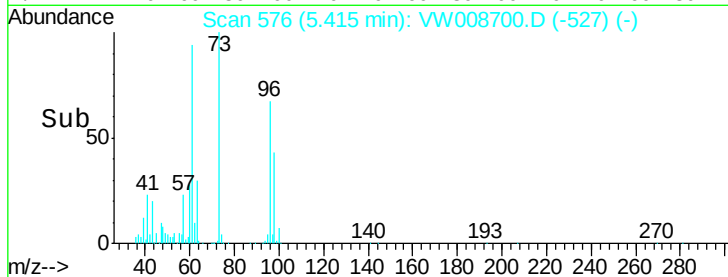
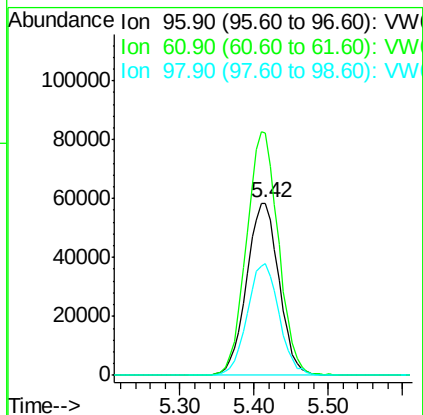
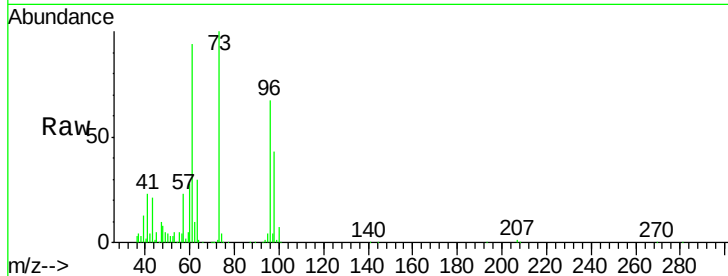
Tot Ion: 96 Resp: 178934

Ion Ratio Lower Upper

96 100

61 140.5 105.9 158.9

98 64.8 49.8 74.6



#22

Diisopropyl ether

Concen: 54.626 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Tgt Ion: 45 Resp: 574496

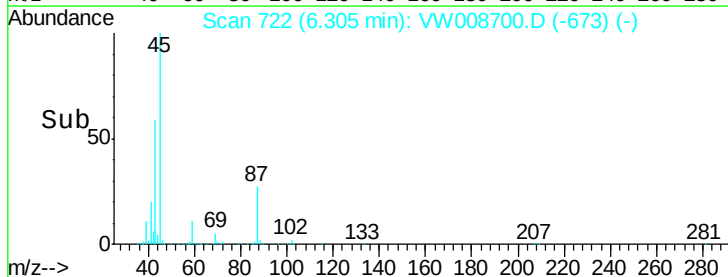
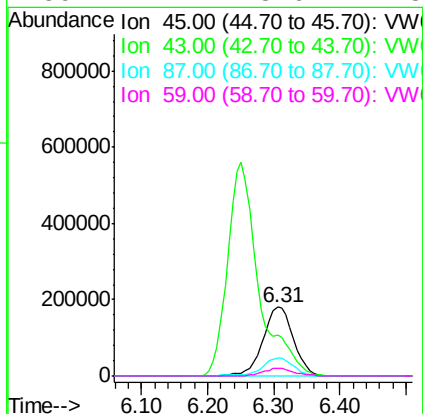
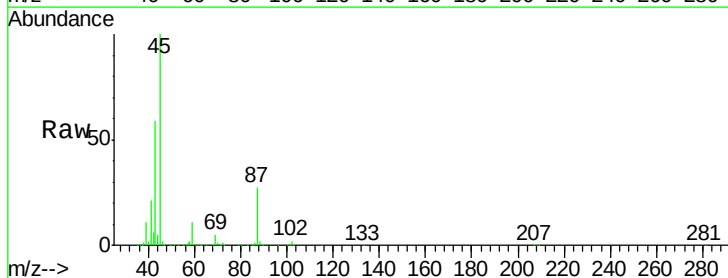
Ion Ratio Lower Upper

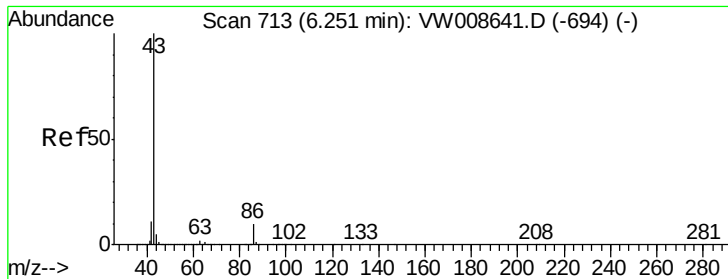
45 100

43 58.8 46.1 69.1

87 26.7 20.5 30.7

59 11.1 8.6 12.8





#23

Vinyl Acetate

Concen: 267.977 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

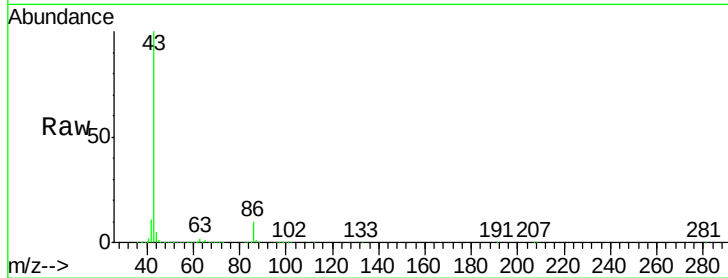
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1829120

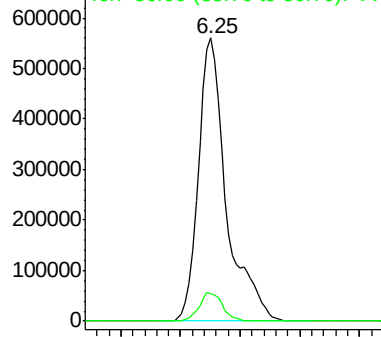
Ion Ratio Lower Upper

43 100

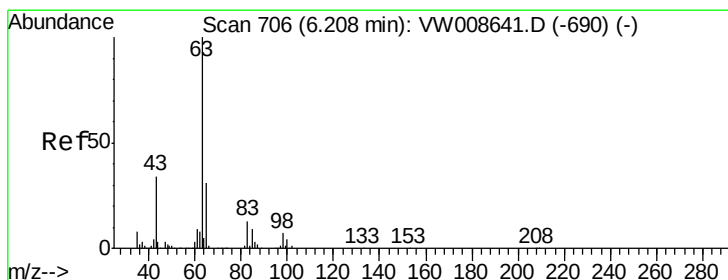
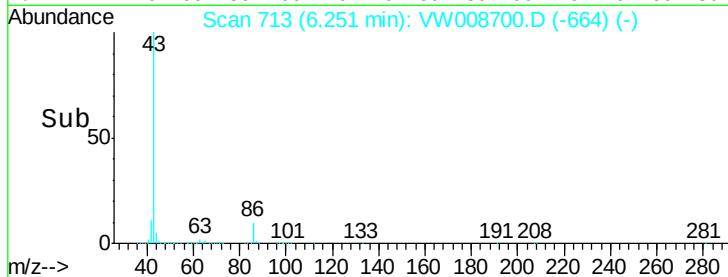
86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 53.550 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

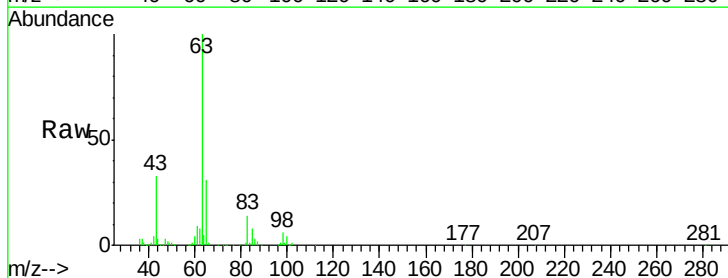
Tgt Ion: 63 Resp: 324976

Ion Ratio Lower Upper

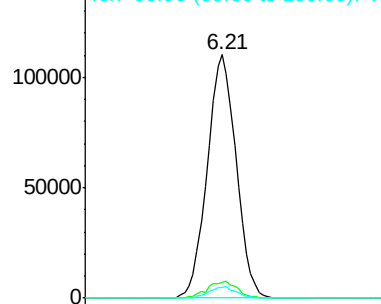
63 100

98 6.4 3.6 10.8

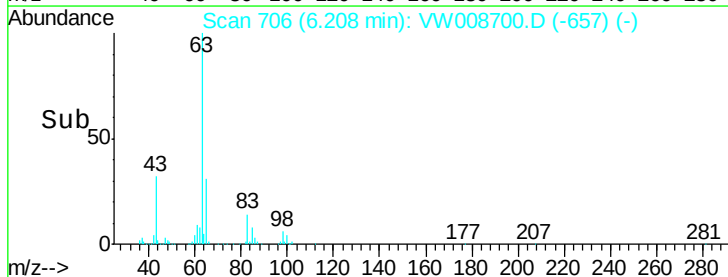
100 4.5 2.2 6.6

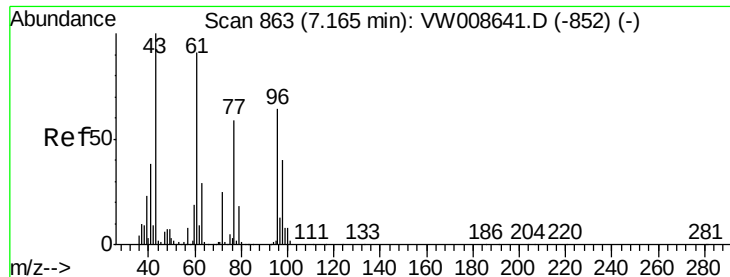


Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 262.525 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

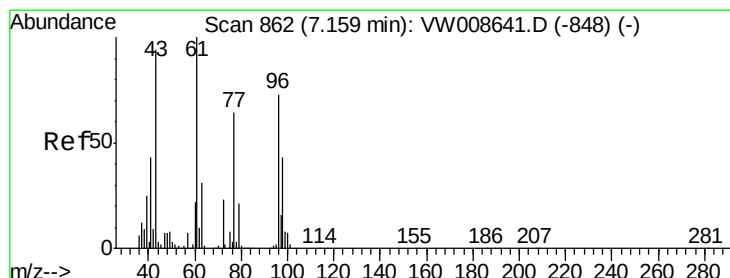
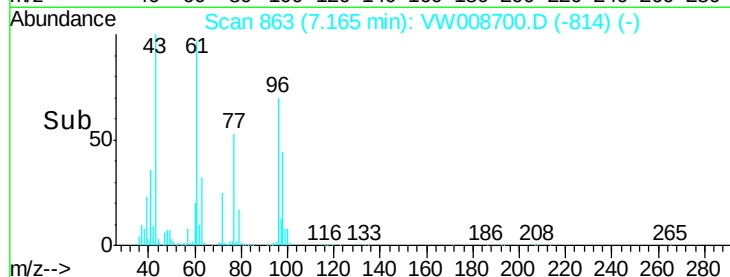
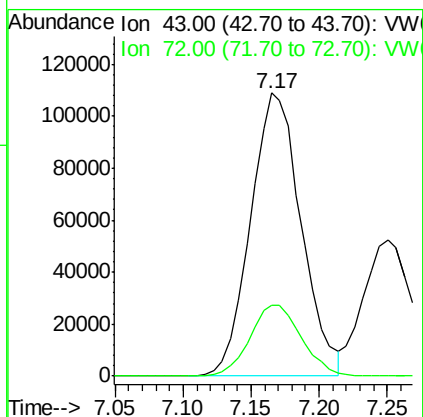
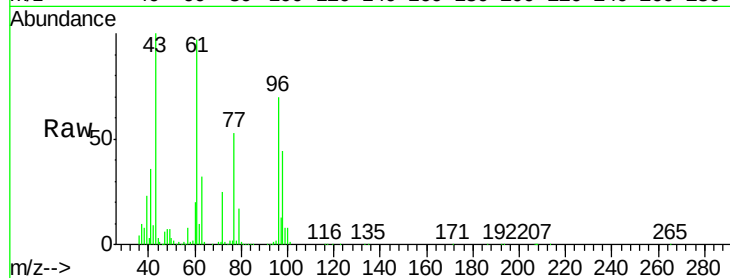
ClientSampleId :

Tot Ion: 43 Resp: 282526

Ion Ratio Lower Upper

43 100

72 25.0 19.7 29.5



#26

2,2-Dichloropropane

Concen: 46.169 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW008700.D

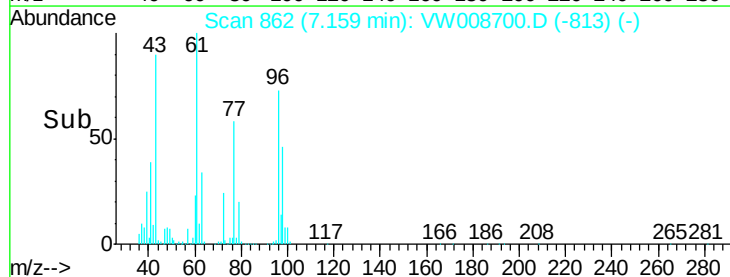
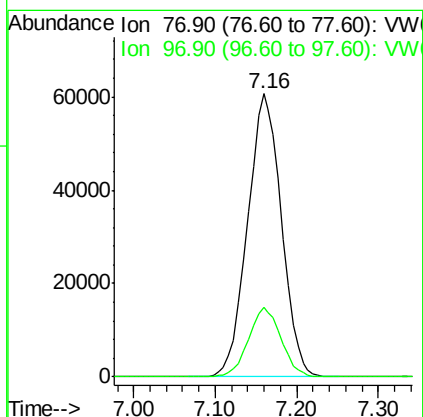
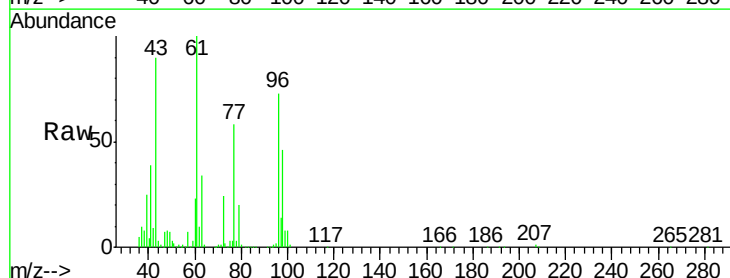
Acq: 15 Feb 2019 23:29

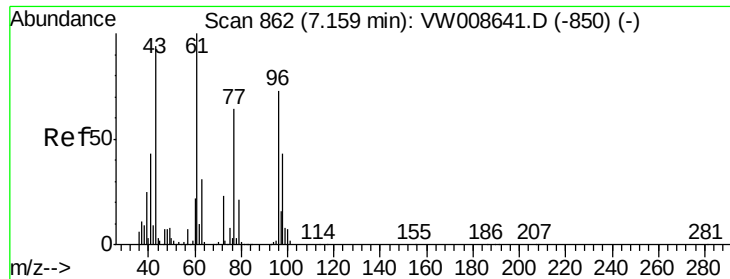
Tgt Ion: 77 Resp: 175033

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



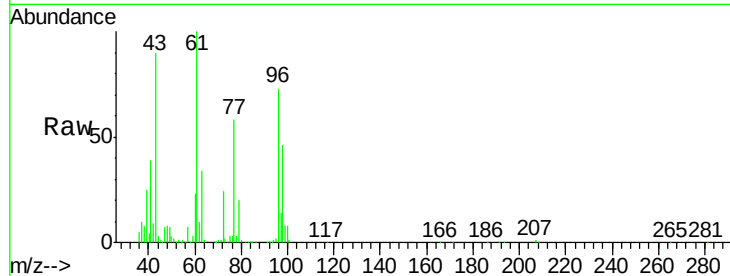


#27

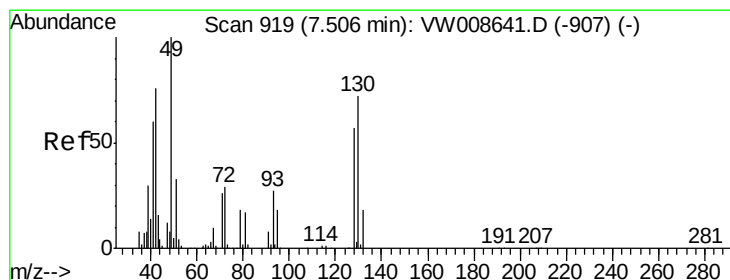
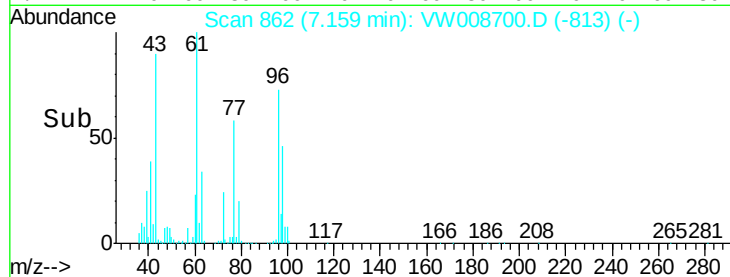
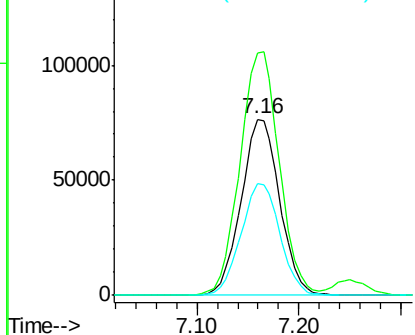
cis-1,2-Dichloroethene
 Concen: 53.560 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	96	Resp	199479
Ion Ratio	Lower	Upper	
96	100		
61	141.9	0.0	286.4
98	64.6	0.0	125.0



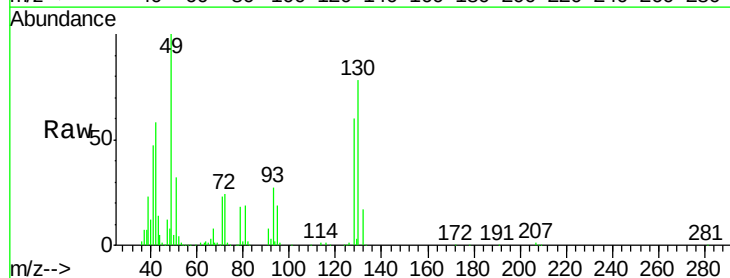
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



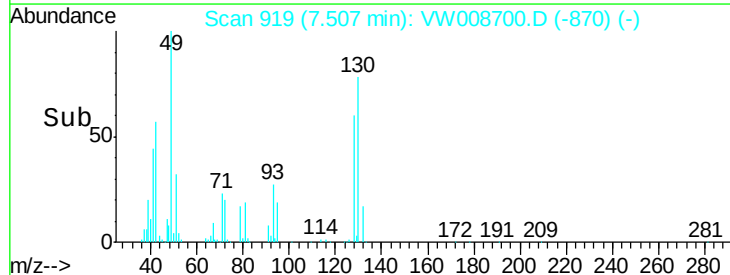
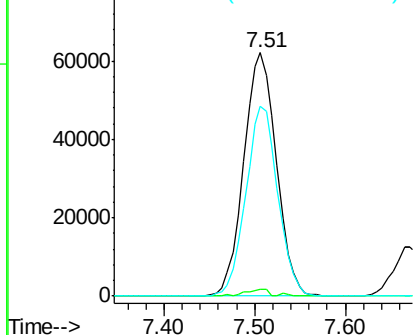
#28

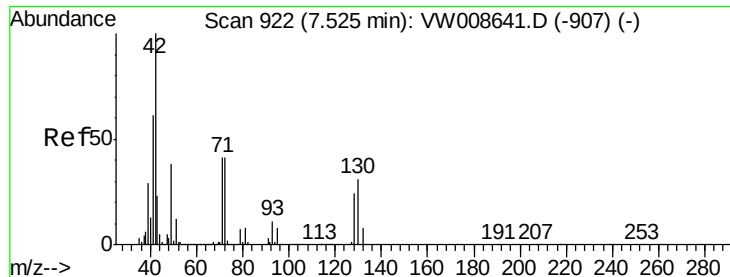
Bromochloromethane
 Concen: 60.388 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion	49	Resp	154705
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.2
130	76.4	59.4	89.0



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

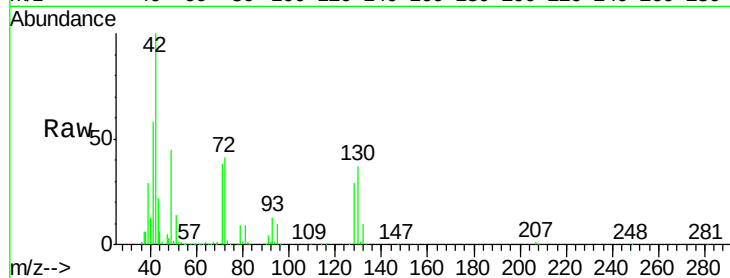




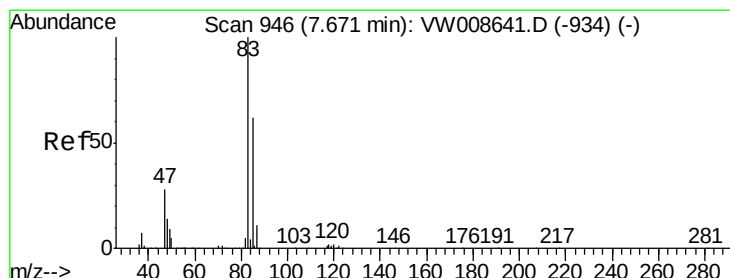
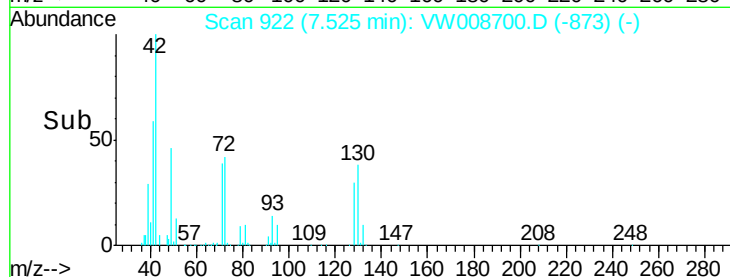
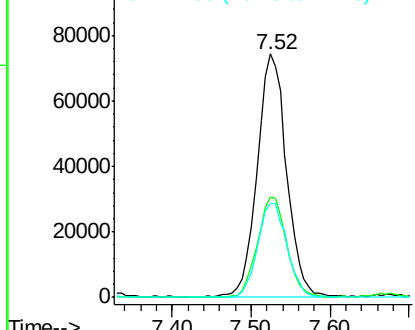
#29
Tetrahydrofuran
Concen: 270.581 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.2	48.2
71	39.1	31.0	46.6

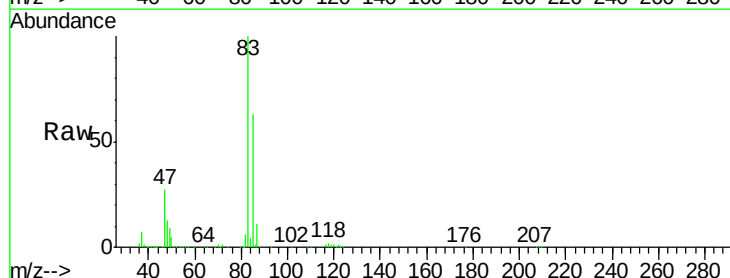


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

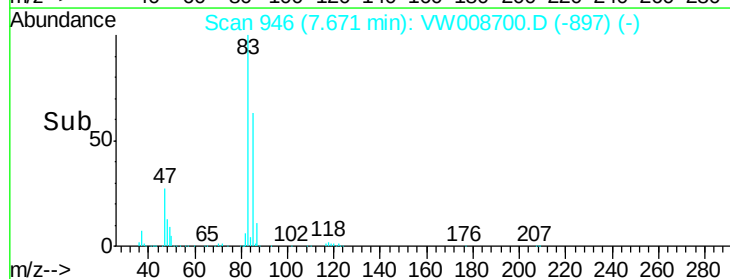
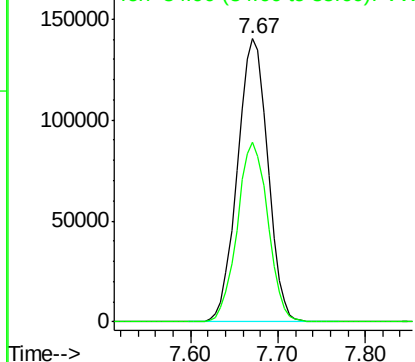


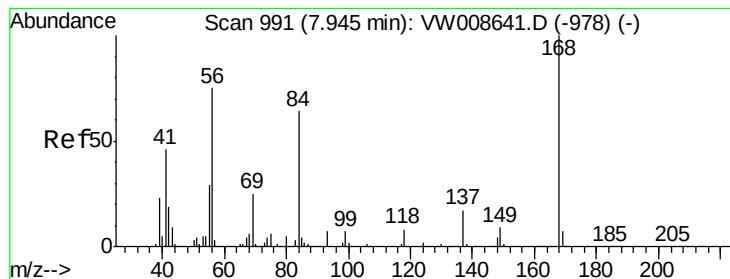
#30
Chloroform
Concen: 55.795 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.8	74.8



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





#31

Cyclohexane

Concen: 44.747 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

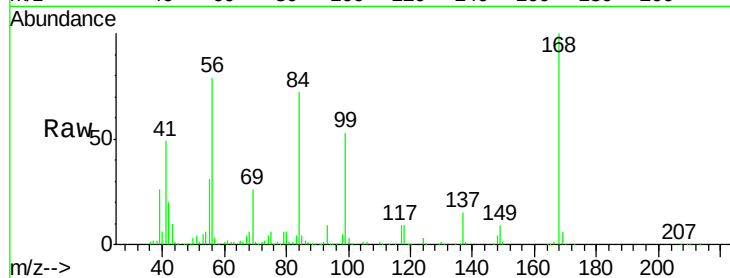
Tot Ion: 56 Resp: 274088

Ion Ratio Lower Upper

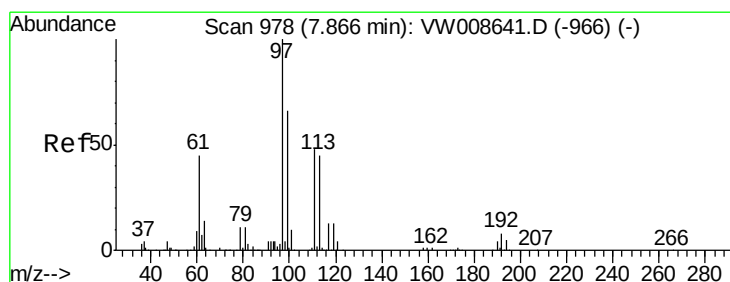
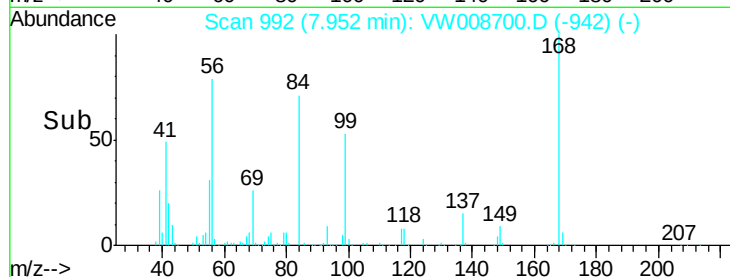
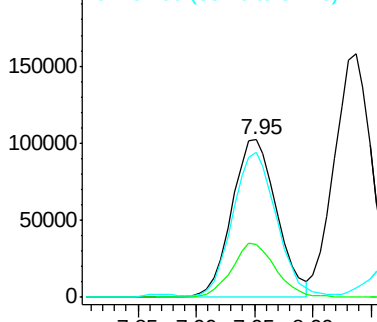
56 100

69 33.5 26.4 39.6

84 90.3 67.4 101.2



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: 51.676 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

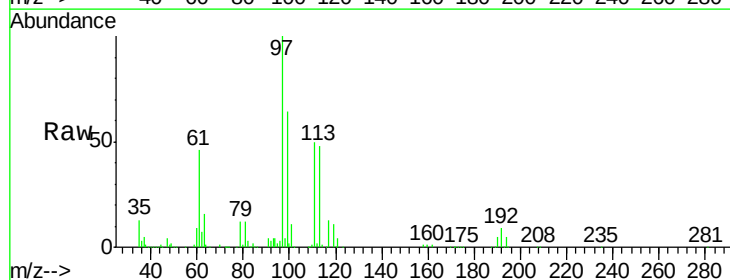
Tgt Ion: 97 Resp: 265386

Ion Ratio Lower Upper

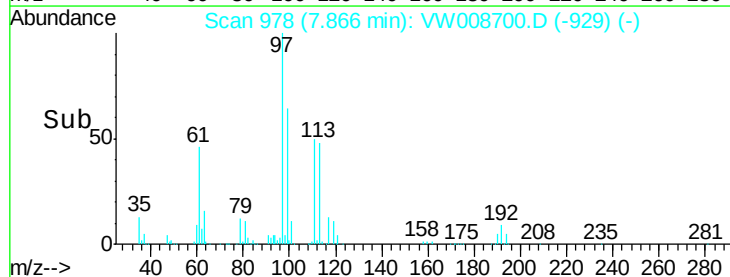
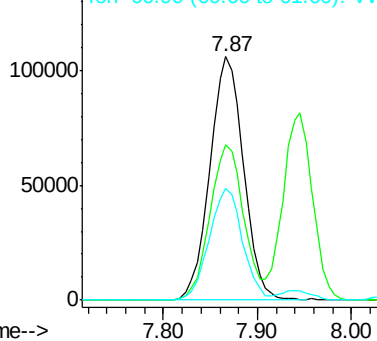
97 100

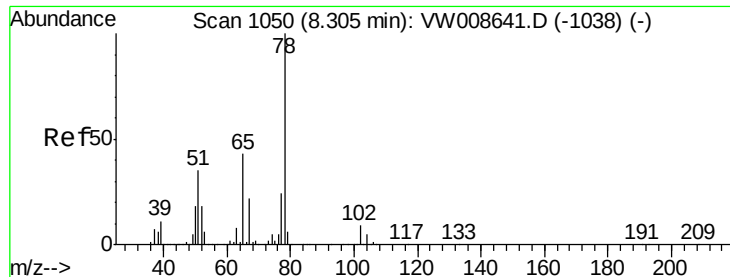
99 64.7 51.6 77.4

61 45.5 35.8 53.6



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

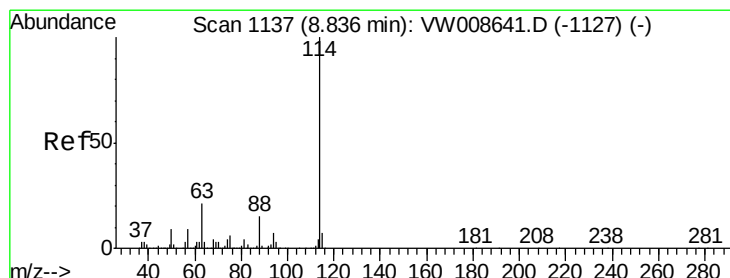
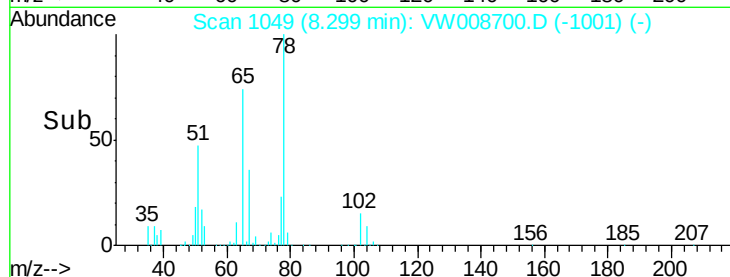
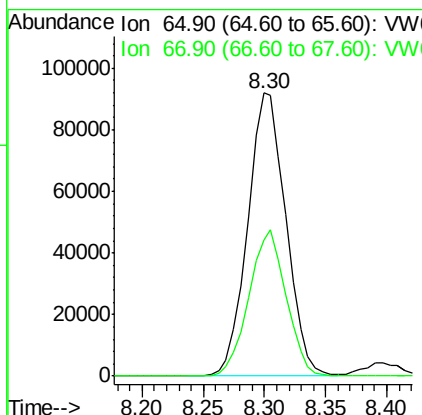
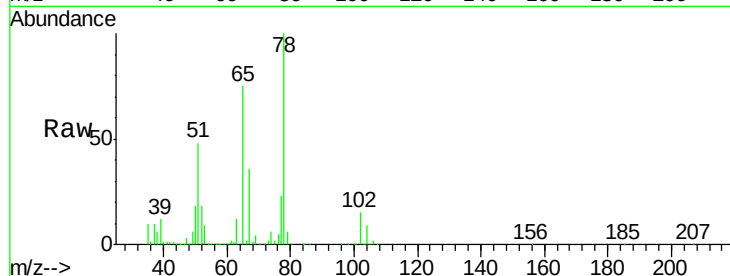




#33
 1,2-Dichloroethane-d4
 Concen: 59.709 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

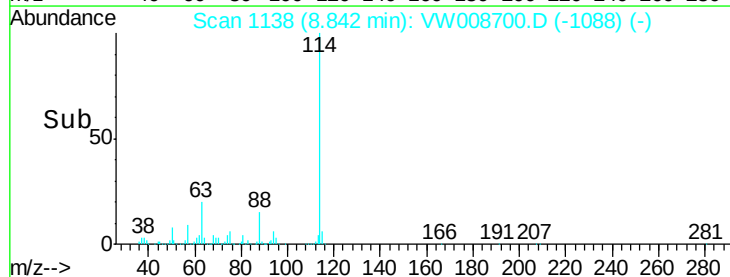
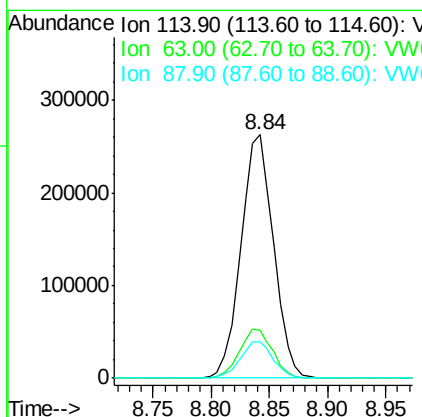
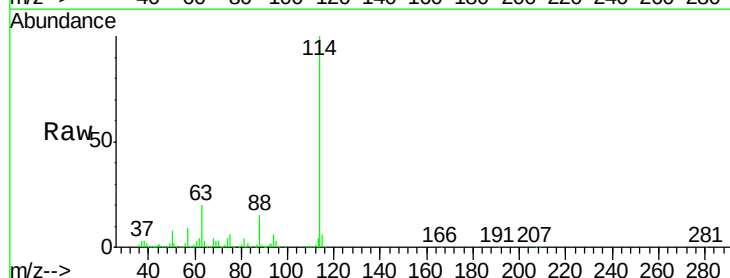
Instrument :
 MSVOA_W
 ClientSampleId :

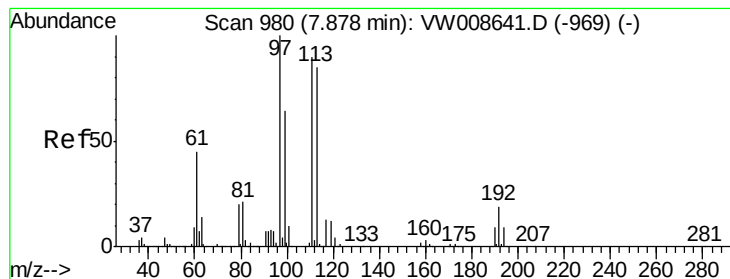
Tot Ion: 65 Resp: 199979
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion: 114 Resp: 512344
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.2
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.755 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampled :

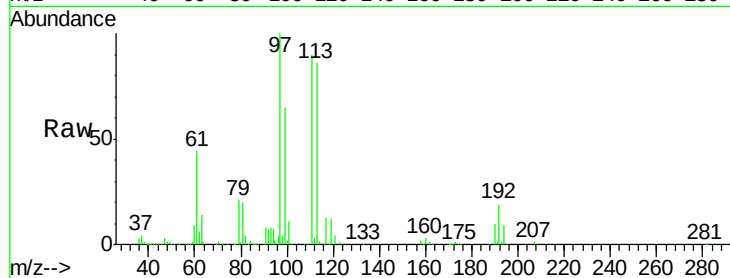
Tot Ion:113 Resp: 177376

Ion Ratio Lower Upper

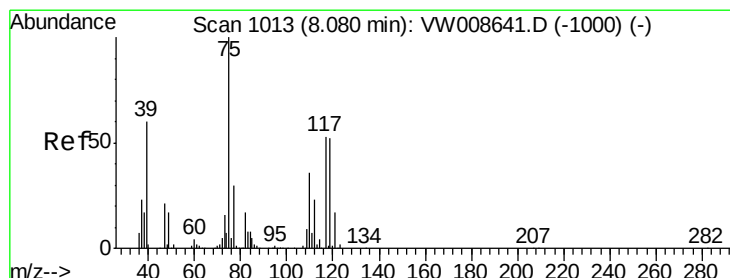
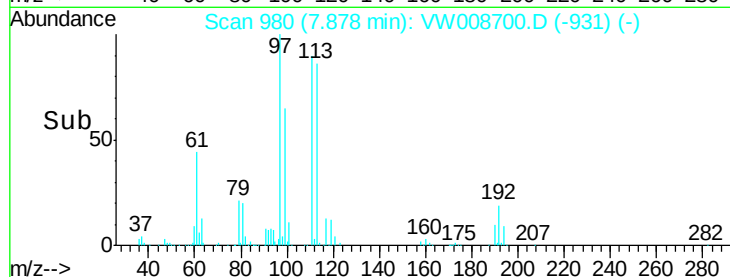
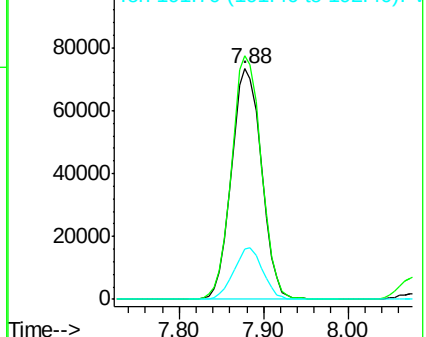
113 100

111 104.3 84.0 126.0

192 21.5 17.4 26.2



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: 48.493 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

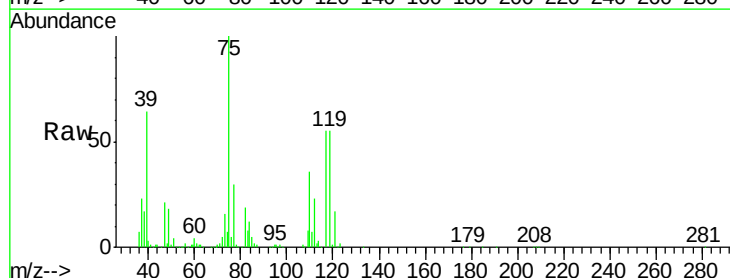
Tgt Ion: 75 Resp: 249611

Ion Ratio Lower Upper

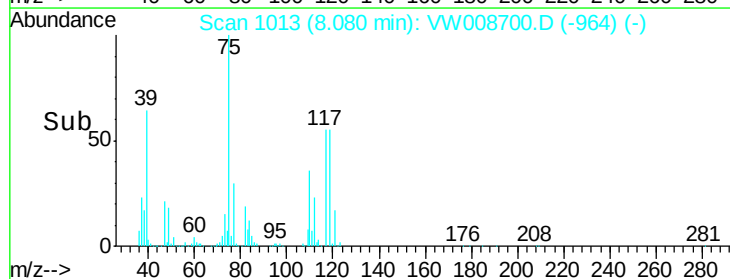
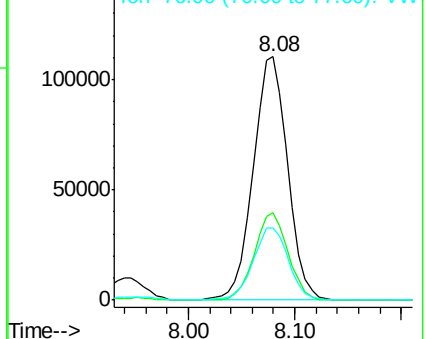
75 100

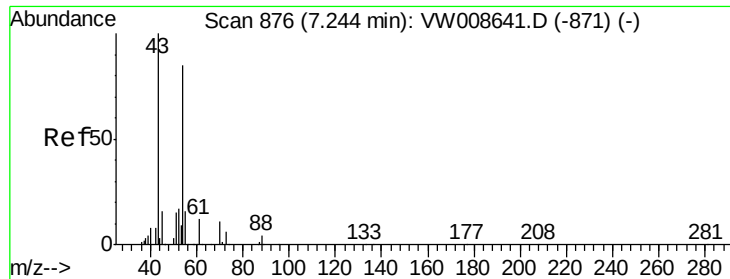
110 35.2 17.8 53.3

77 30.8 24.7 37.1



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

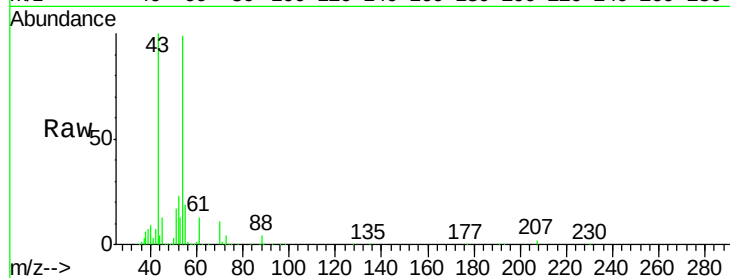




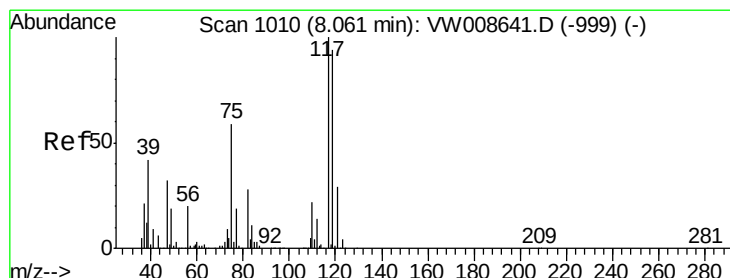
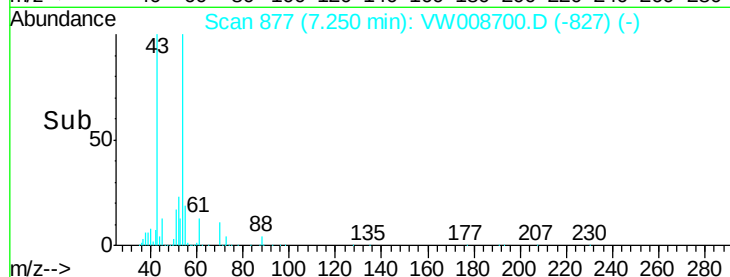
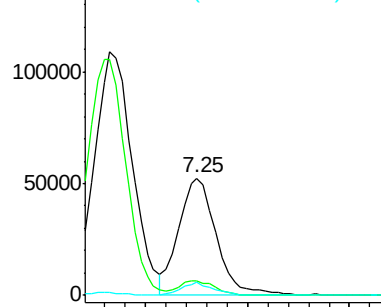
#37
Ethyl Acetate
Concen: 53.478 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	43	Resp	132787
Ion Ratio	100	Lower	Upper
61	12.2	10.5	15.7
70	9.7	8.1	12.1

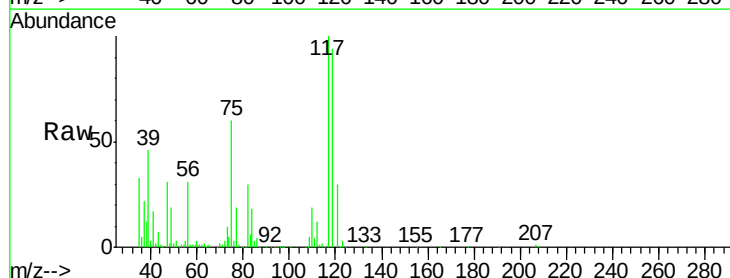


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

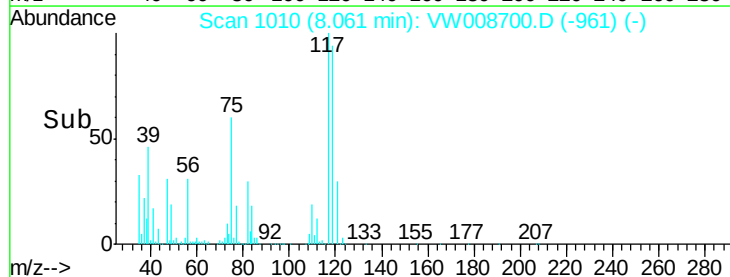
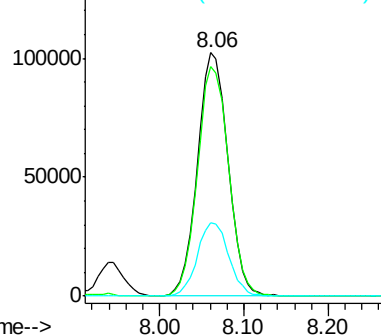


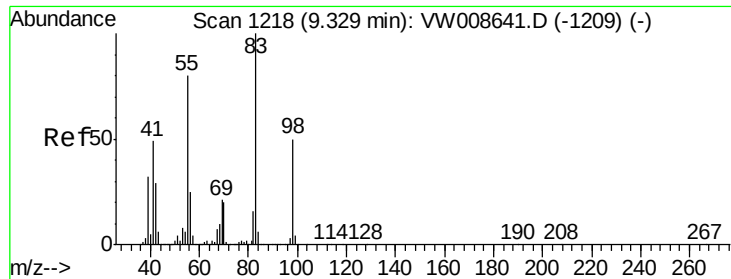
#38
Carbon Tetrachloride
Concen: 49.062 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion	117	Resp	251124
Ion Ratio	100	Lower	Upper
119	94.1	75.1	112.7
121	30.3	23.5	35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

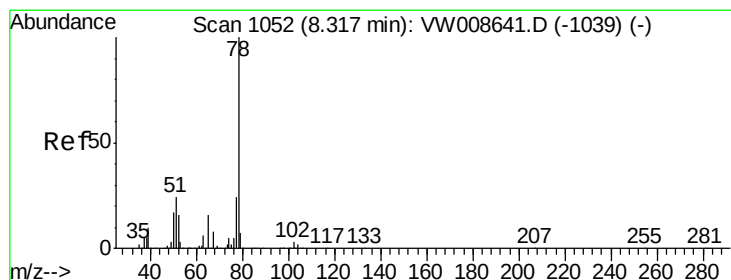
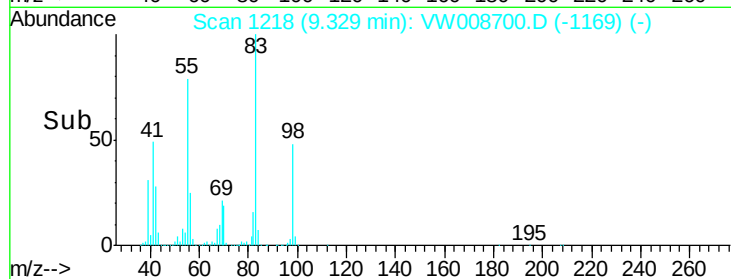
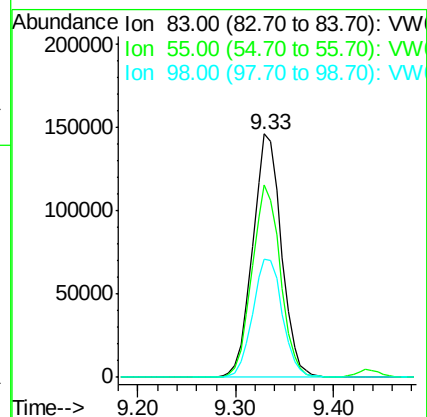
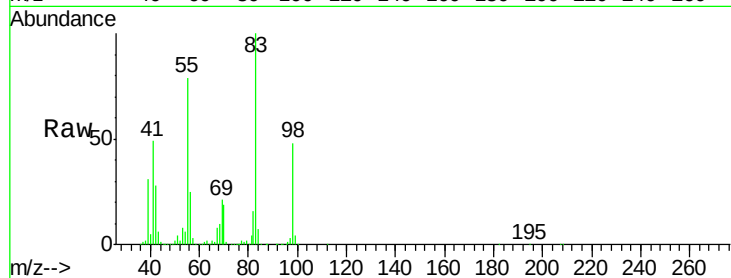




#39
Methylvlcyclohexane
Concen: 45.775 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

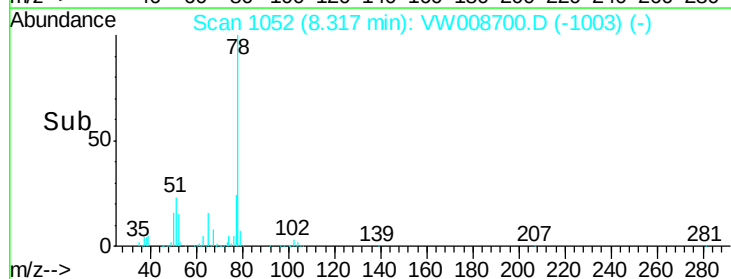
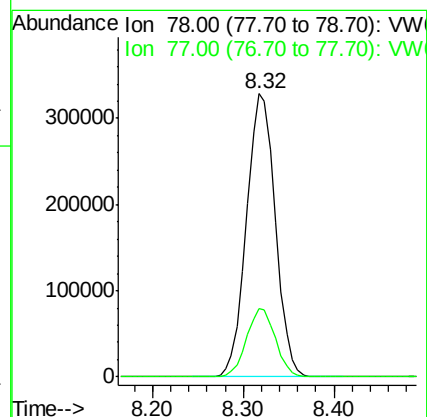
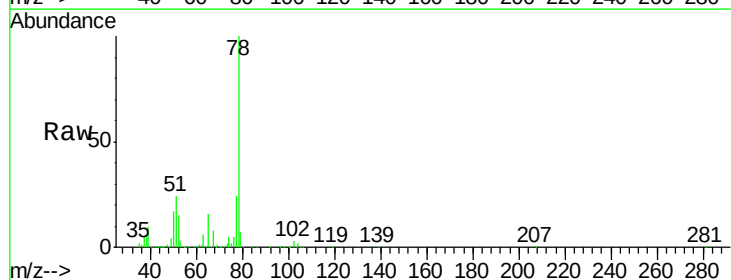
Instrument :
MSVOA_W
ClientSampleId :

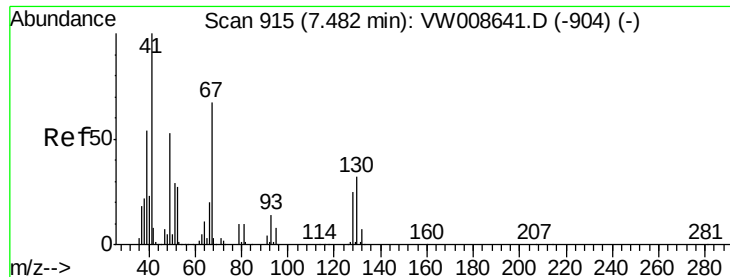
Tot Ion	83	Resp	298025
Ion Ratio	Lower	Upper	
83	100		
55	78.7	63.9	95.9
98	48.4	40.2	60.2



#40
Benzene
Concen: 51.441 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion	78	Resp	723157
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.5	29.3

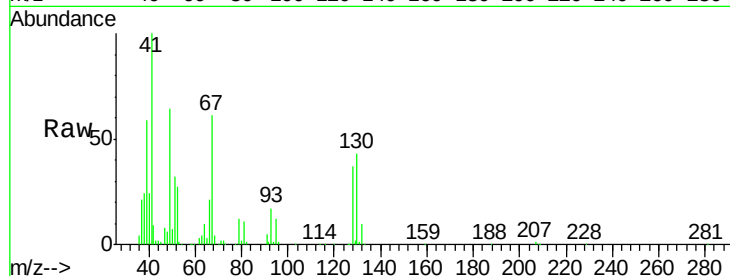




#41
Methacrylonitrile
Concen: 58.264 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.0	39.7	59.5#
67	62.4	52.5	78.7
52	29.3	23.1	34.7



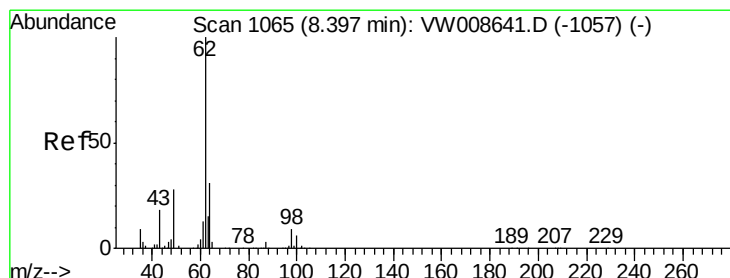
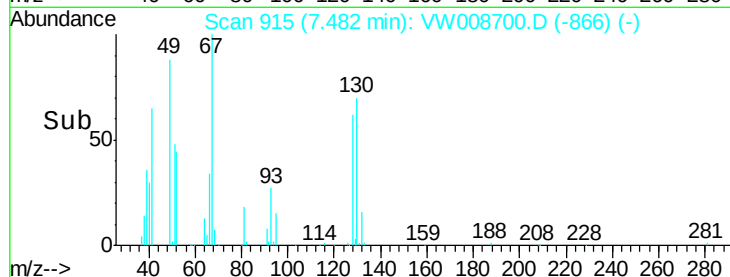
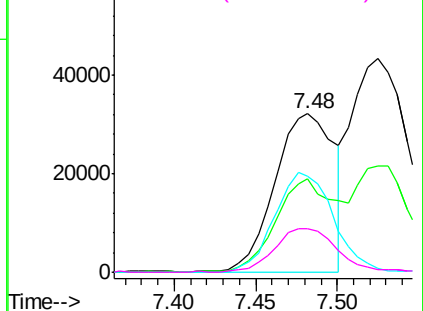
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

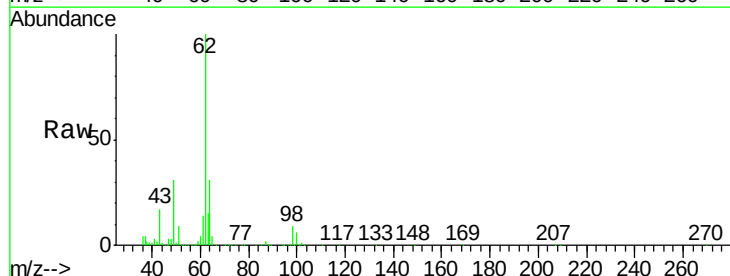
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 54.051 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

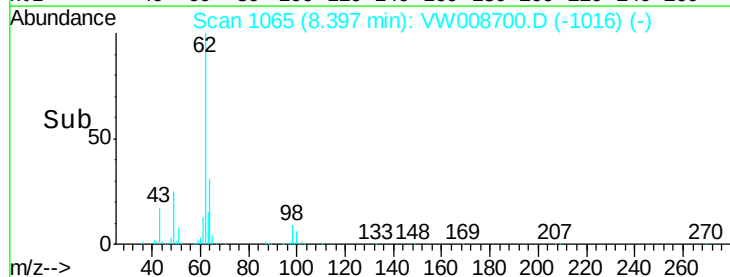
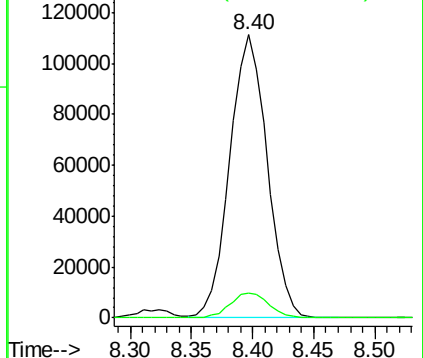
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

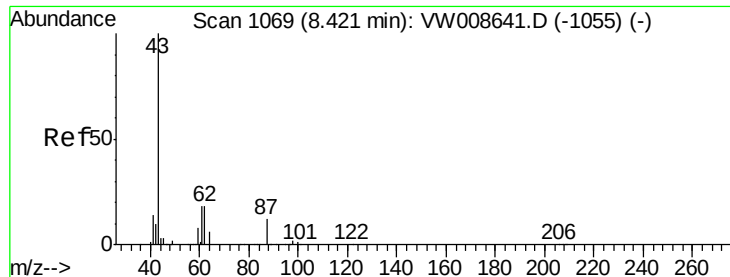


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.024 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

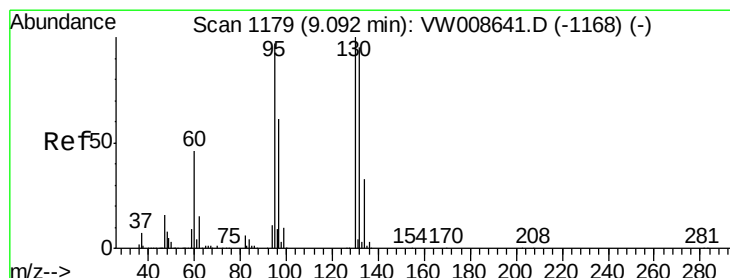
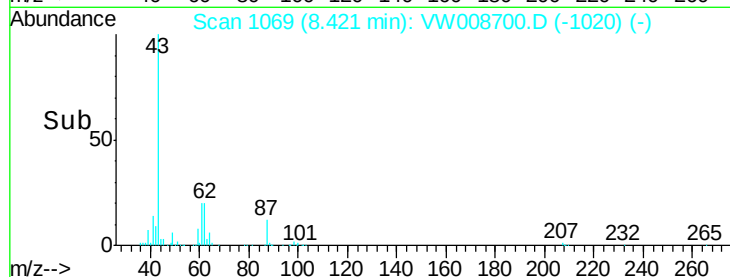
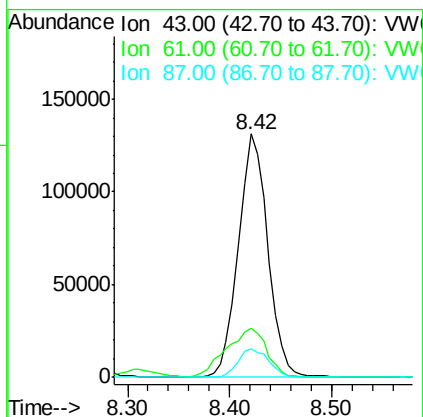
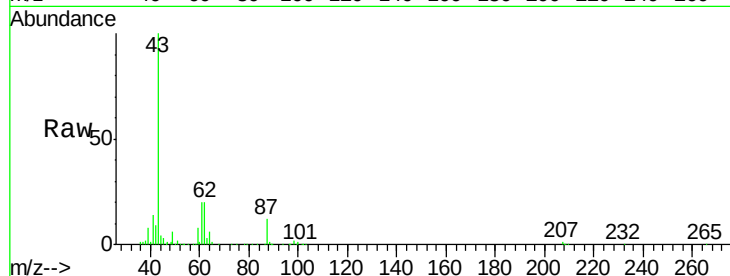
Tot Ion: 43 Resp: 262531

Ion Ratio Lower Upper

43 100

61 27.9 21.4 32.2

87 12.4 9.8 14.8



#44

Trichloroethene

Concen: 50.445 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008700.D

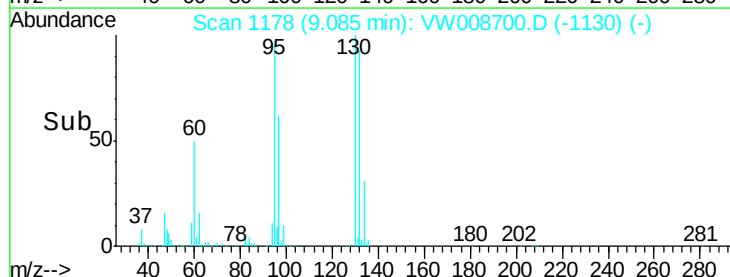
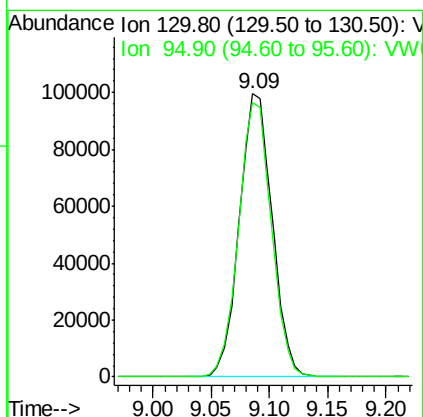
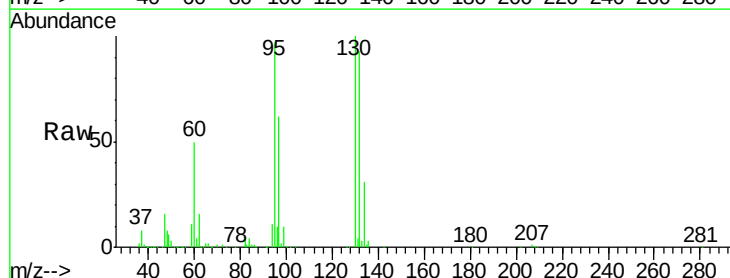
Acq: 15 Feb 2019 23:29

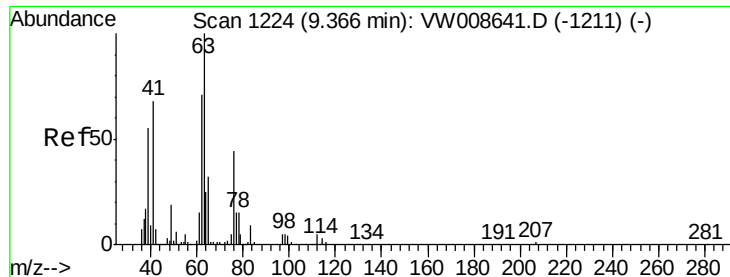
Tgt Ion:130 Resp: 196627

Ion Ratio Lower Upper

130 100

95 97.2 0.0 193.4





#45

1,2-Dichloropropane

Concen: 52.866 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

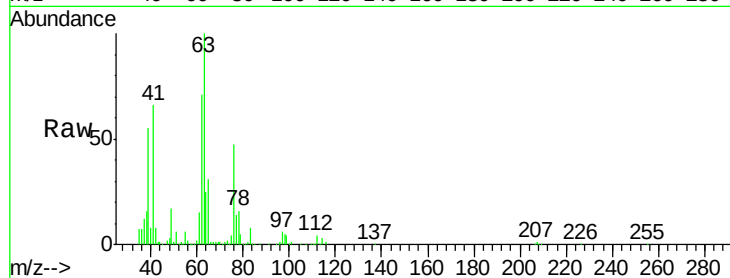
ClientSampled :

Tot Ion: 63 Resp: 183927

Ion Ratio Lower Upper

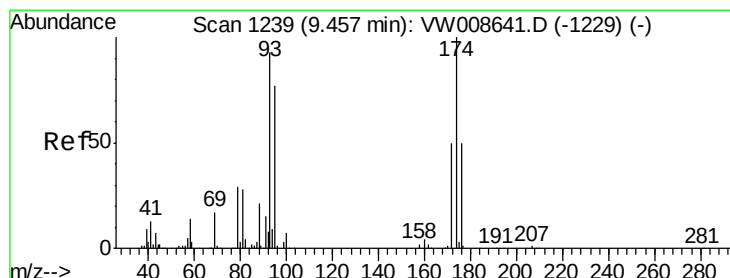
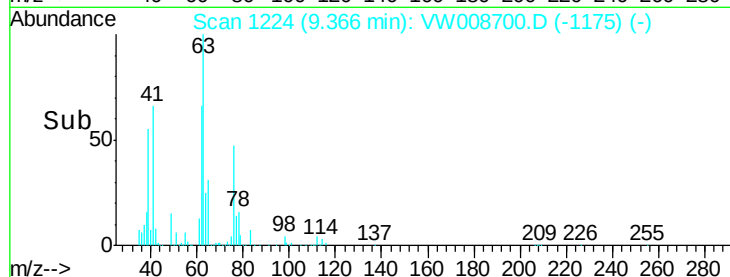
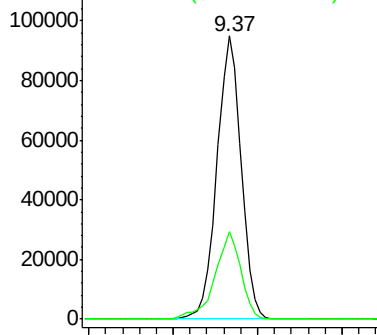
63 100

65 31.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 55.469 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

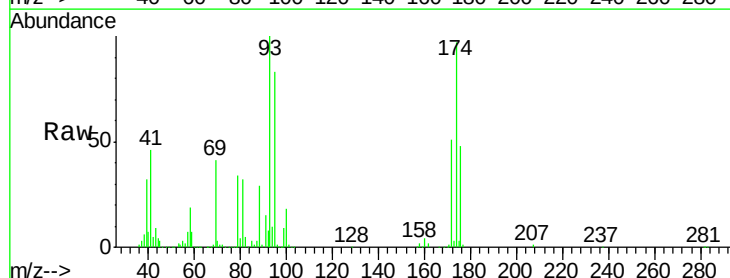
Tgt Ion: 93 Resp: 106307

Ion Ratio Lower Upper

93 100

95 79.0 65.8 98.8

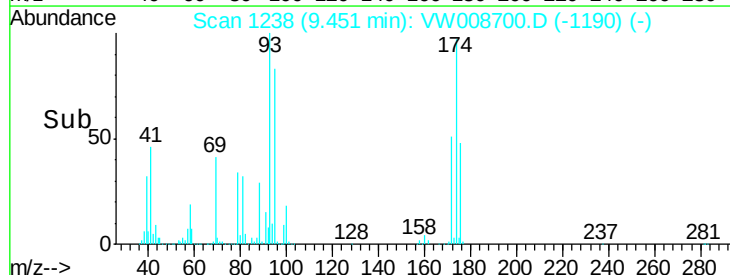
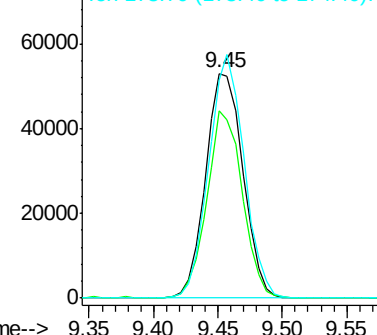
174 102.5 82.5 123.7

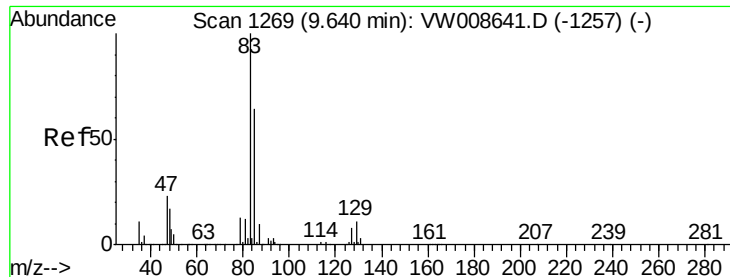


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

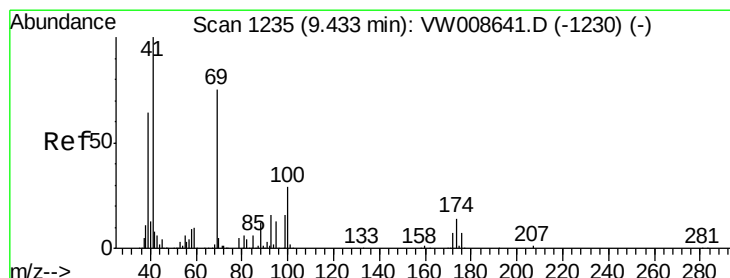
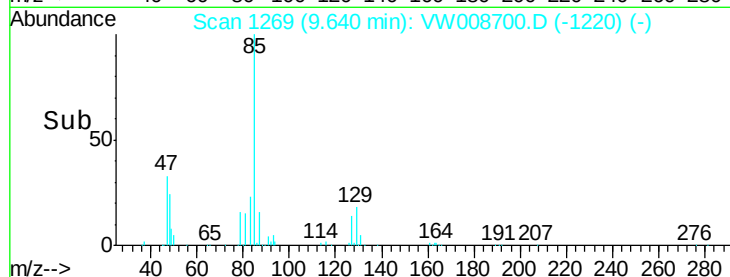
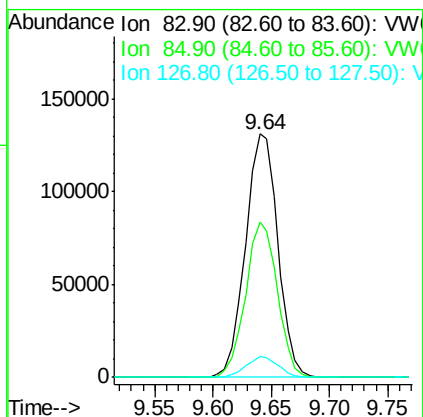
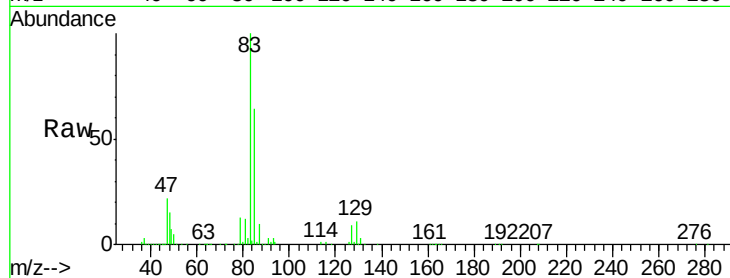




#47
Bromodichloromethane
Concen: 55.184 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

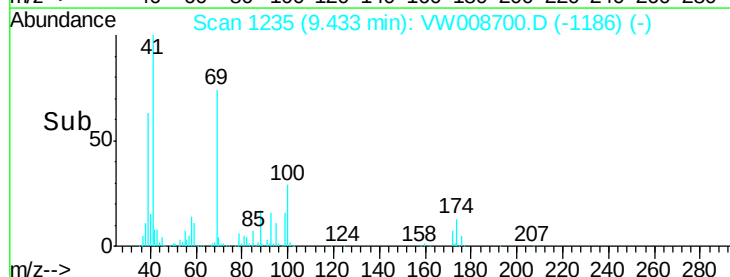
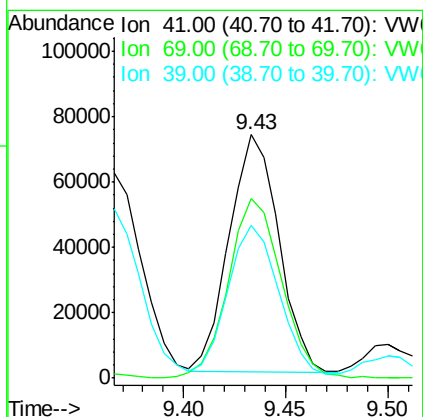
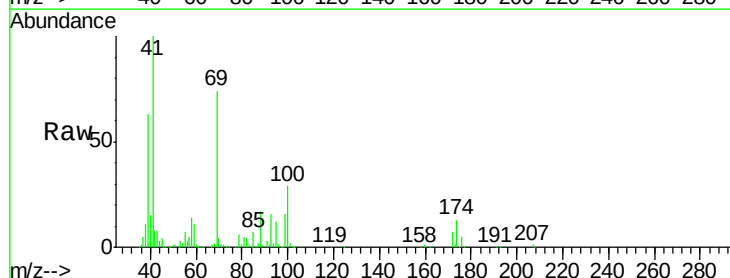
Instrument :
MSVOA_W
ClientSampleId :

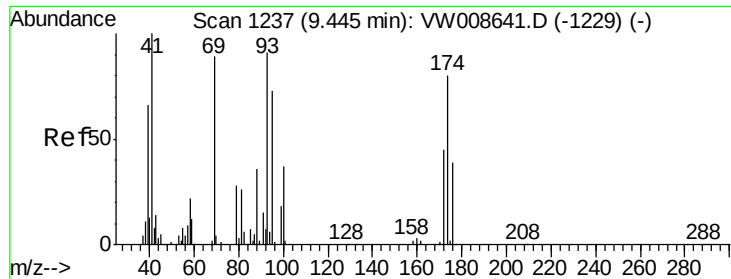
Tot Ion	83	Resp	254173
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.2	76.8
127	8.7	6.4	9.6



#48
Methyl methacrylate
Concen: 53.514 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion	41	Resp	122790
Ion Ratio	Lower	Upper	
41	100		
69	80.5	64.1	96.1
39	67.5	52.3	78.5

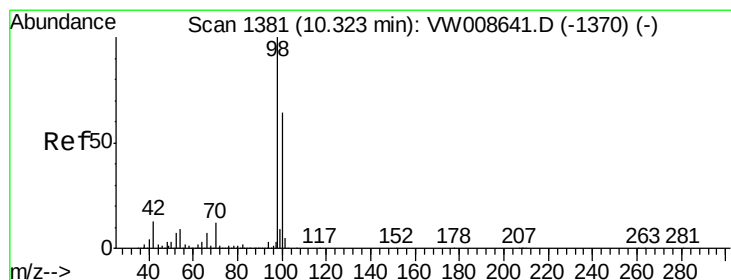
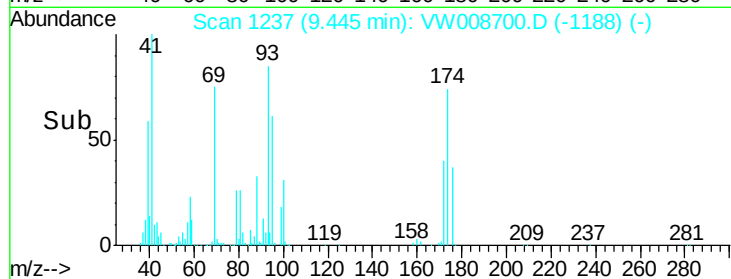
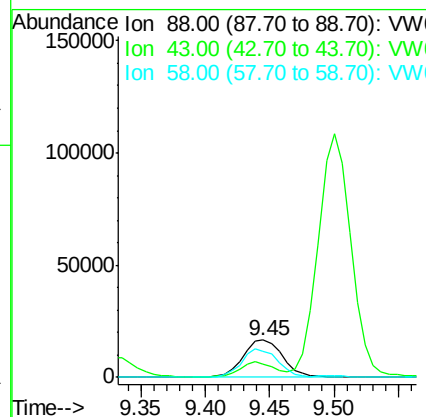
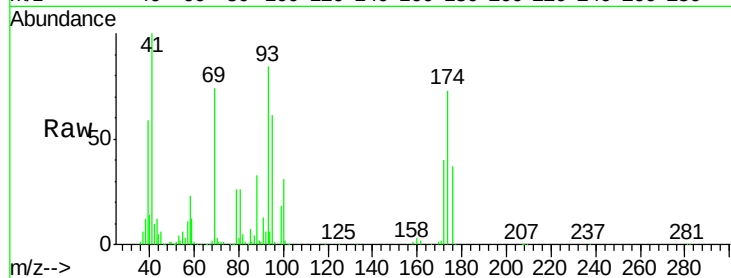




#49
 1,4-Dioxane
 Concen: 1163.896 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

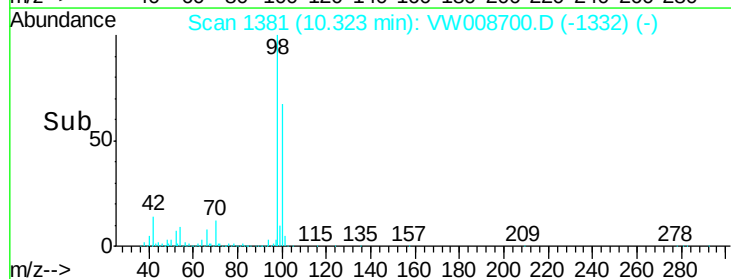
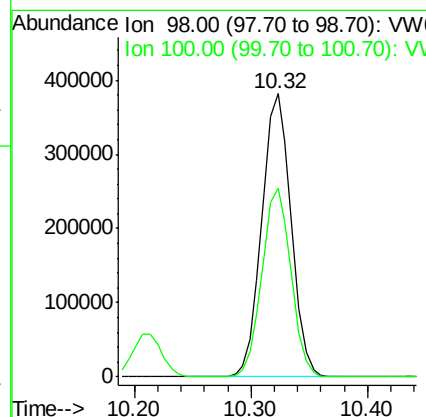
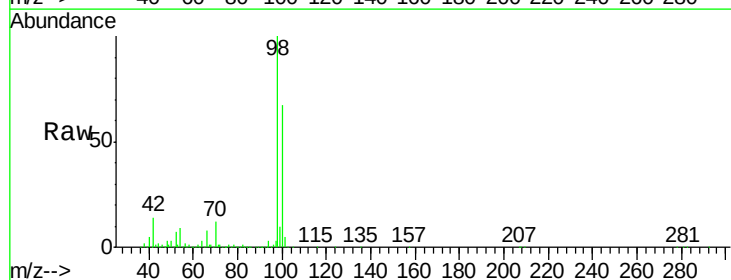
Instrument :
 MSVOA_W
 ClientSampled :

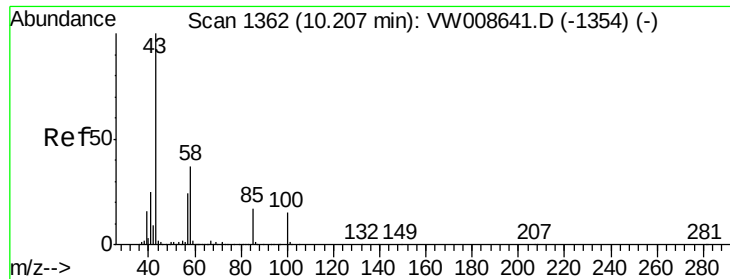
Tot Ion: 88 Resp: 35606
 Ion Ratio Lower Upper
 88 100
 43 35.4 31.0 46.6
 58 73.1 57.0 85.6



#50
 Toluene-d8
 Concen: 54.624 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion: 98 Resp: 669897
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.2 78.4

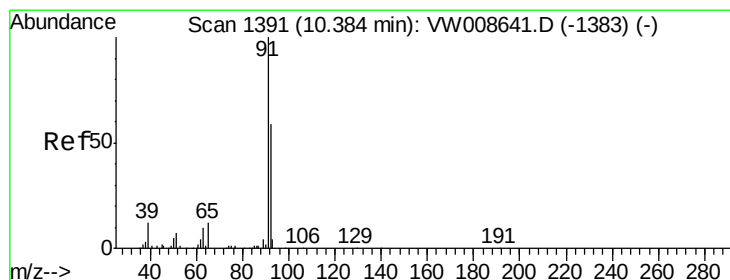
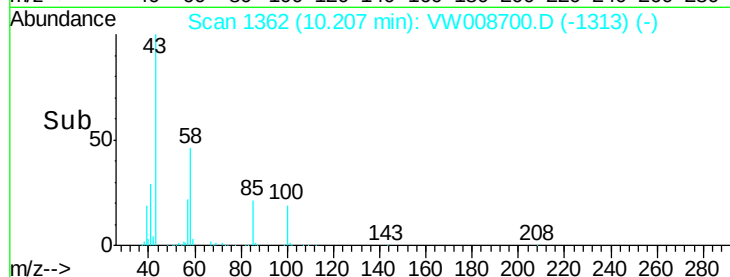
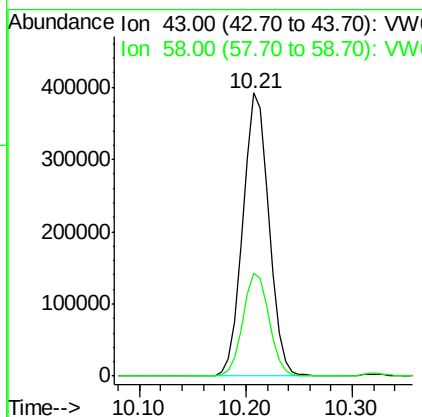
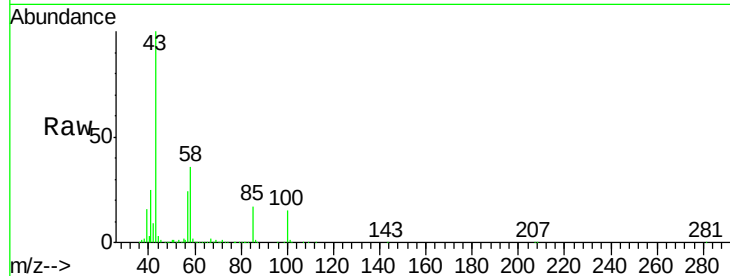




#51
4-Methyl-2-Pentanone
Concen: 266.155 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

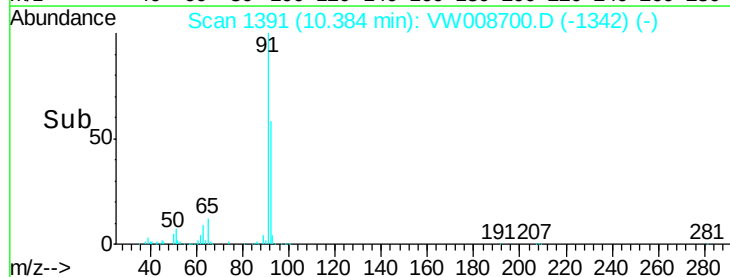
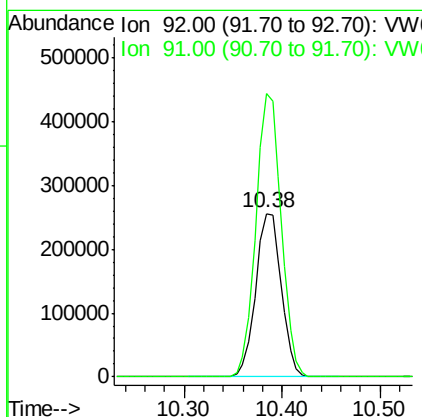
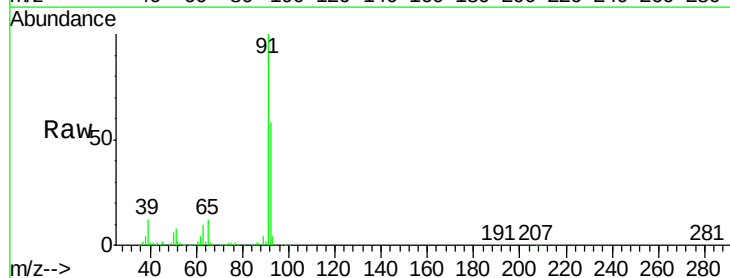
Instrument :
MSVOA_W
ClientSampled :

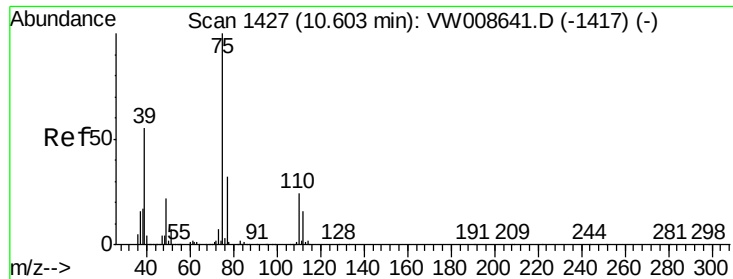
Tot Ion: 43 Resp: 676930
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6



#52
Toluene
Concen: 51.279 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion: 92 Resp: 465062
Ion Ratio Lower Upper
92 100
91 171.2 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 51.342 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

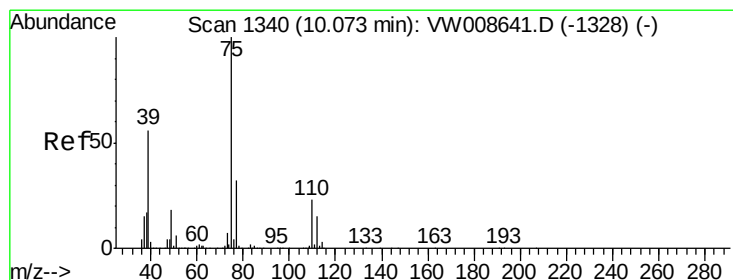
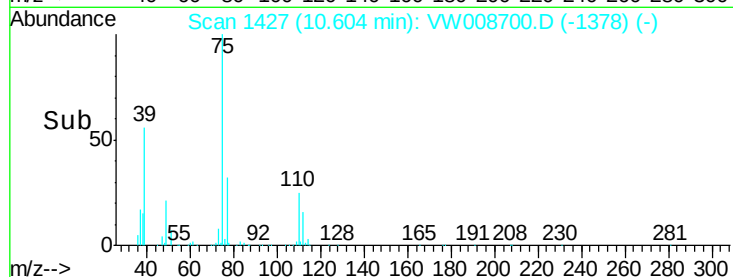
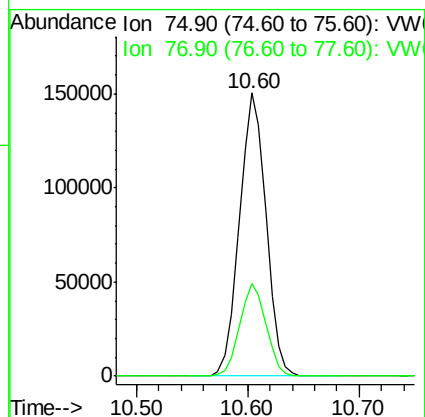
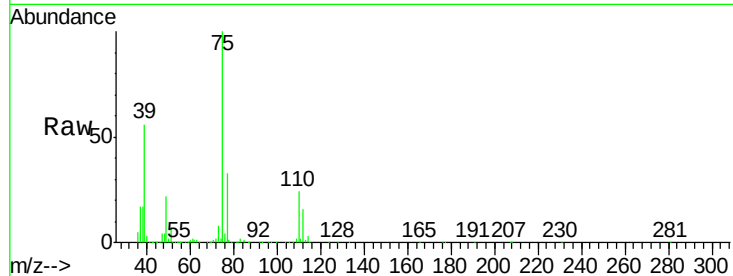
ClientSampled :

Tot Ion: 75 Resp: 248429

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.726 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

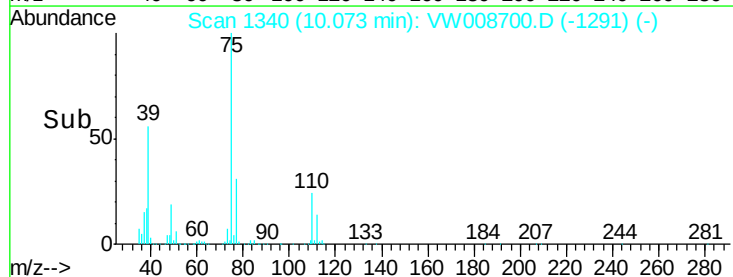
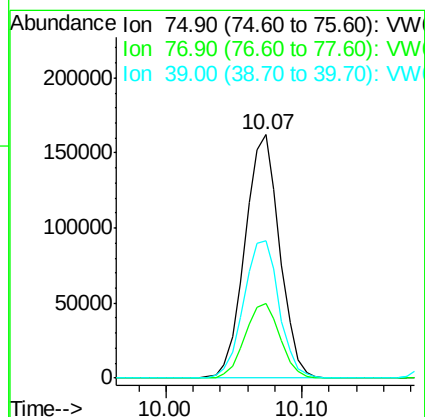
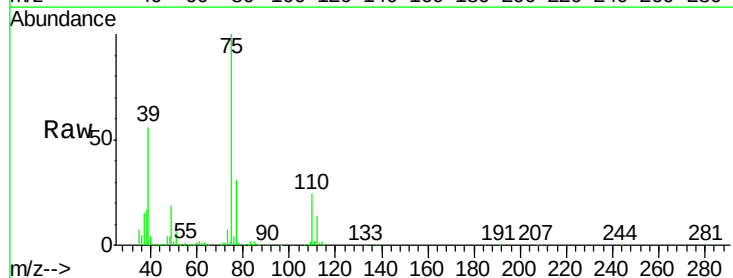
Tgt Ion: 75 Resp: 289211

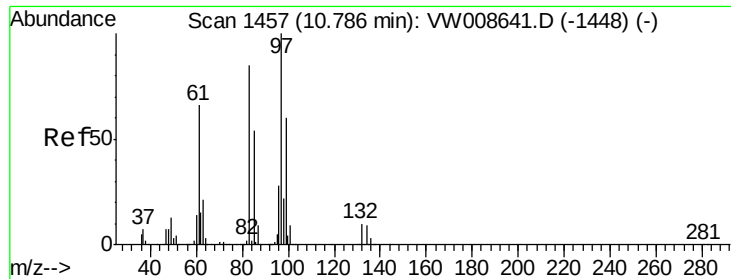
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 56.4 44.5 66.7

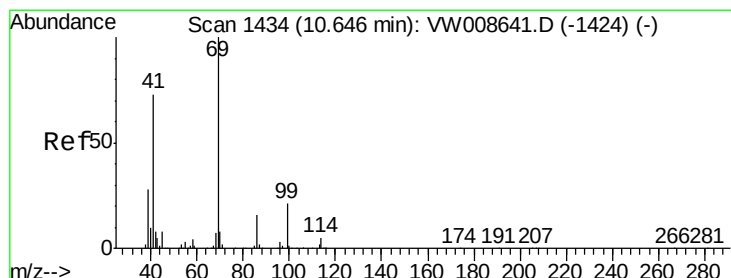
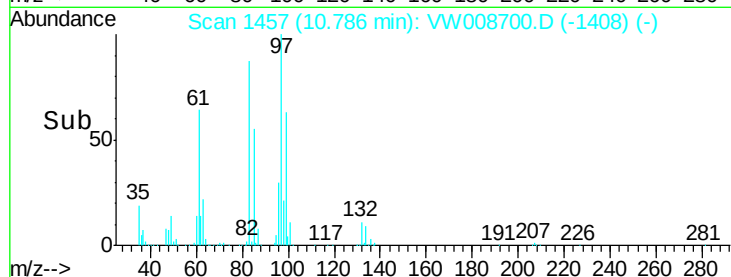
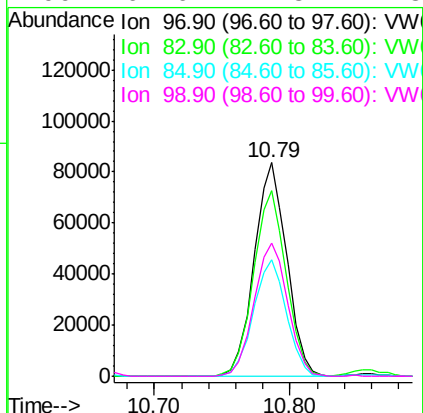
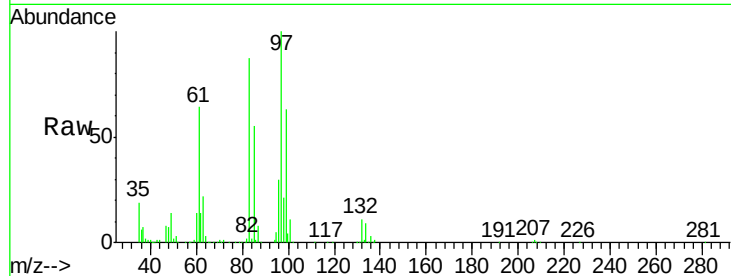




#55
 1,1,2-Trichloroethane
 Concen: 53.412 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

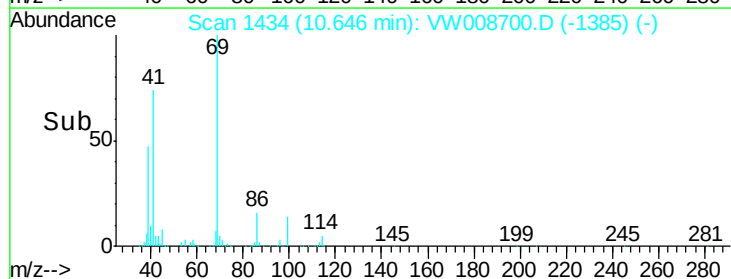
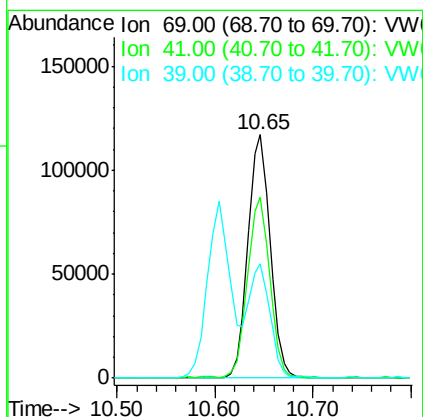
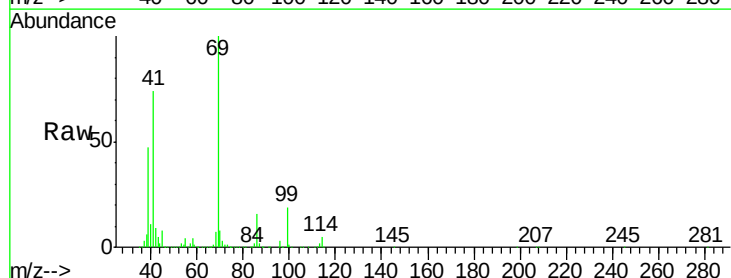
Instrument :
 MSVOA_W
 ClientSampleId :

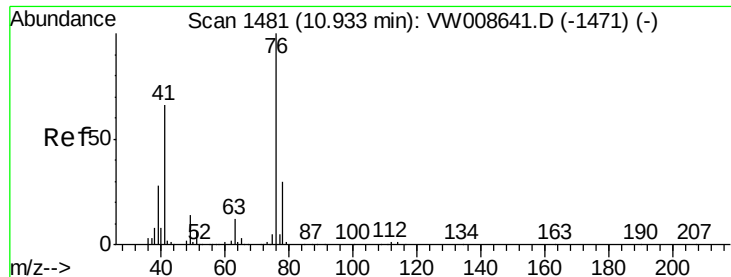
Tot Ion:	97	Resp:	140458
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.4	102.6
85	54.8	43.1	64.7
99	62.6	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 53.273 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion:	69	Resp:	186021
Ion	Ratio	Lower	Upper
69	100		
41	73.5	59.0	88.4
39	43.6	34.4	51.6





#57

1,3-Dichloropropane

Concen: 53.538 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

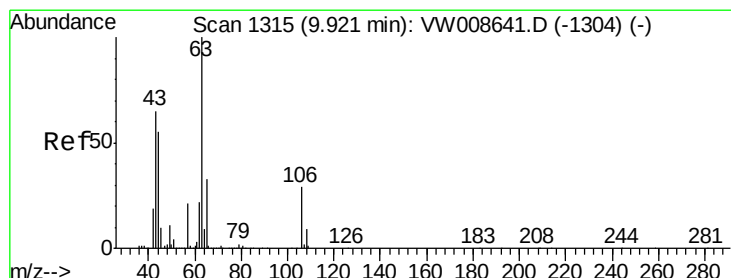
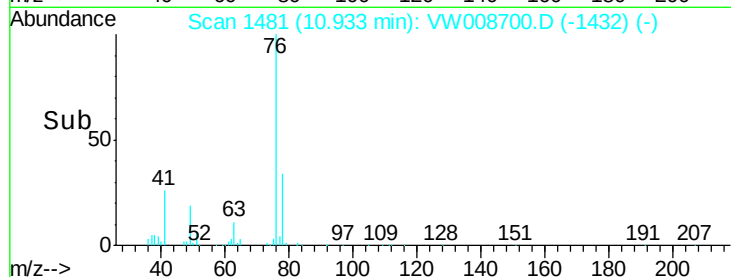
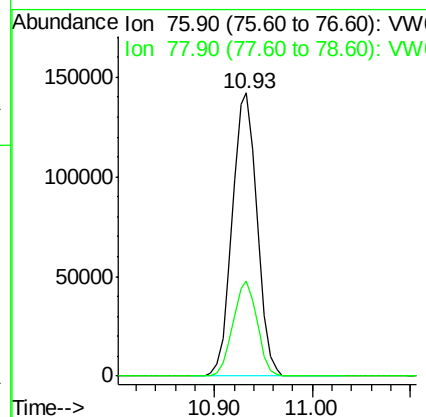
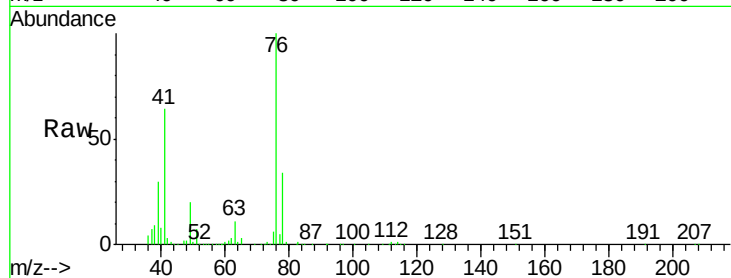
ClientSampleId :

Tot Ion: 76 Resp: 249796

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 250.347 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW008700.D

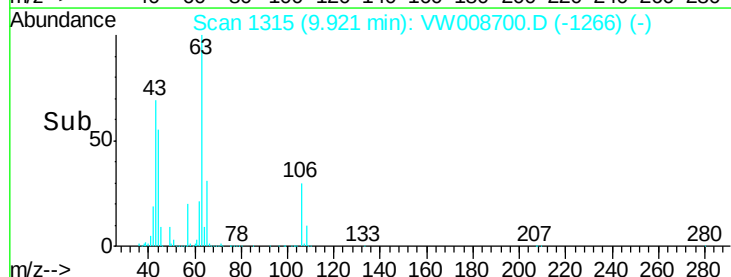
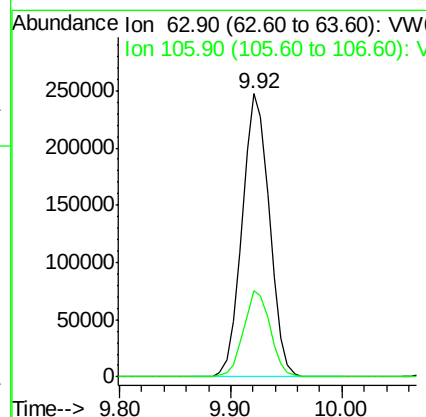
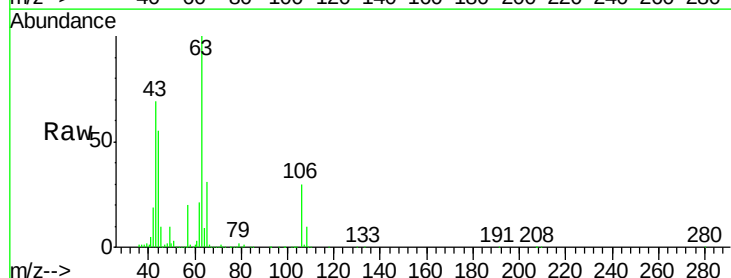
Acq: 15 Feb 2019 23:29

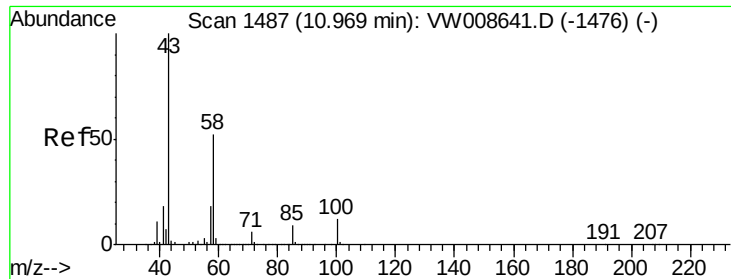
Tgt Ion: 63 Resp: 419349

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2

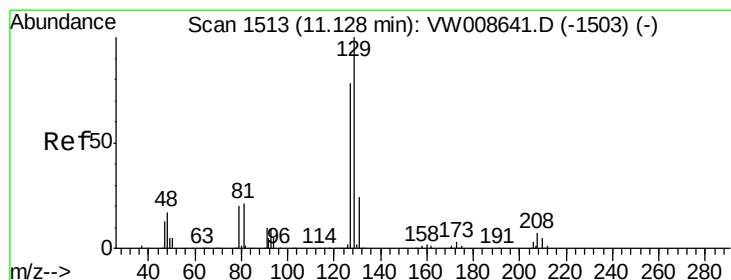
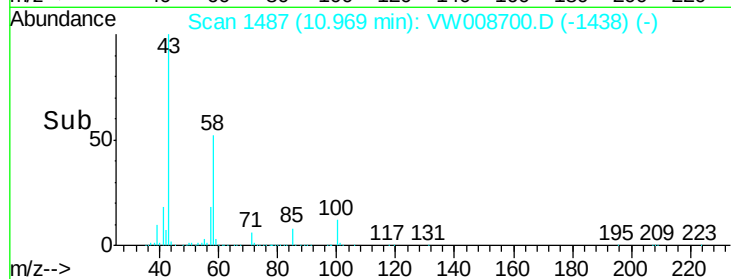
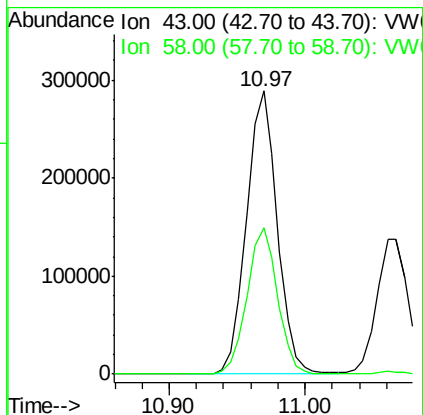
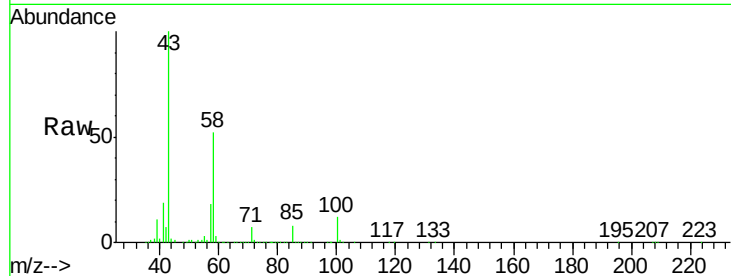




#59
2-Hexanone
Concen: 256.265 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

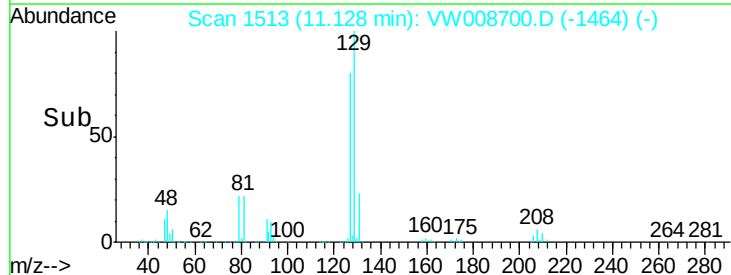
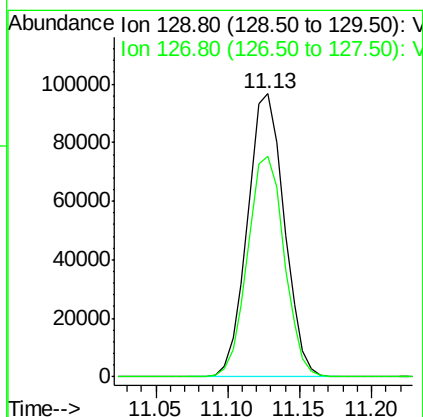
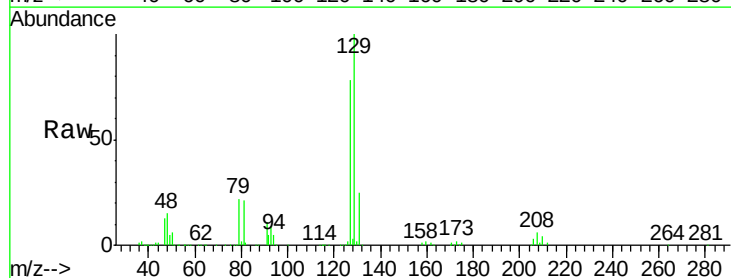
Instrument :
MSVOA_W
ClientSampleId :

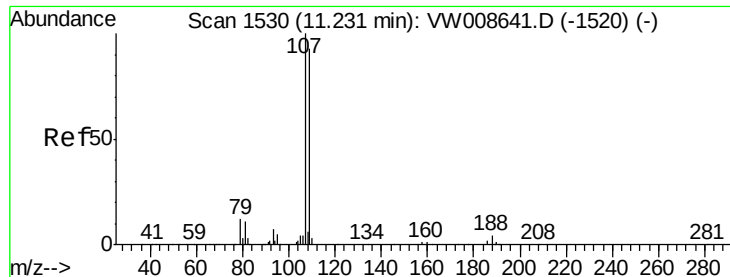
Tot Ion: 43 Resp: 457871
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.6



#60
Dibromochloromethane
Concen: 54.184 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion: 129 Resp: 170487
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

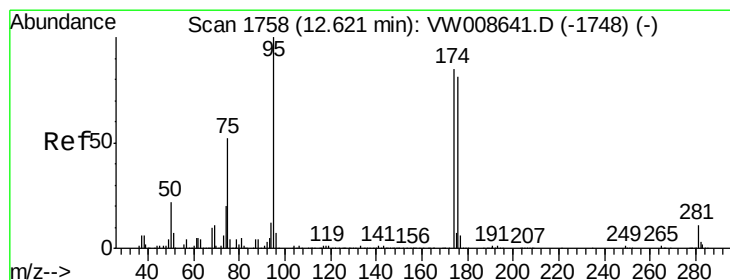
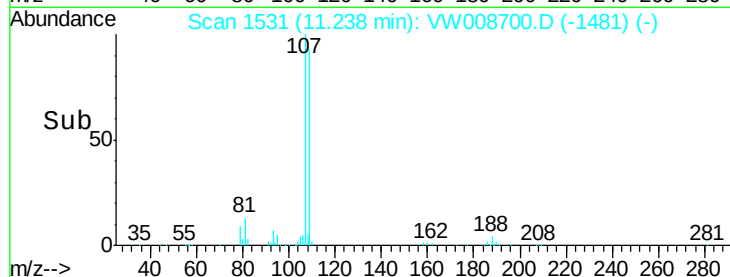
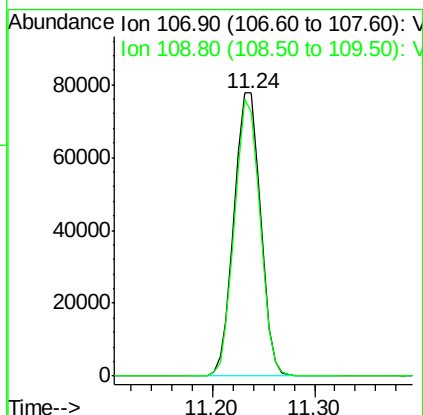
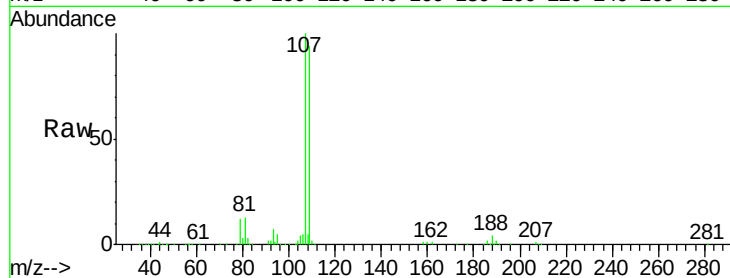




#61
 1,2-Dibromoethane
 Concen: 53.968 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

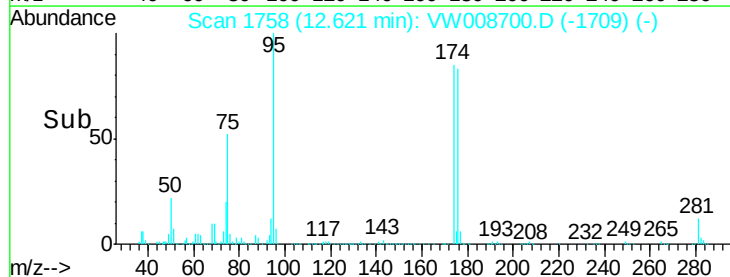
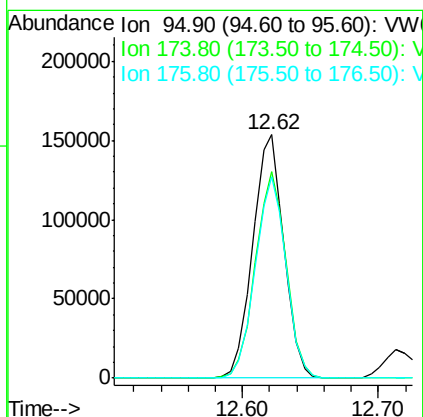
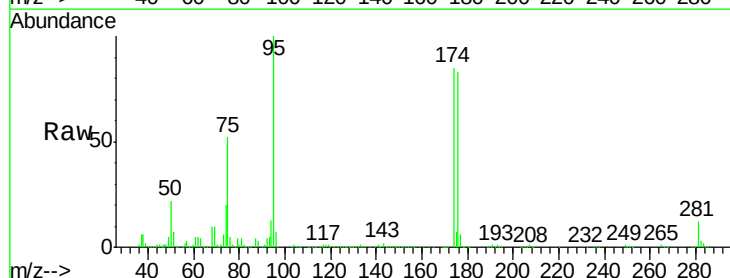
Instrument :
 MSVOA_W
 ClientSampleId :

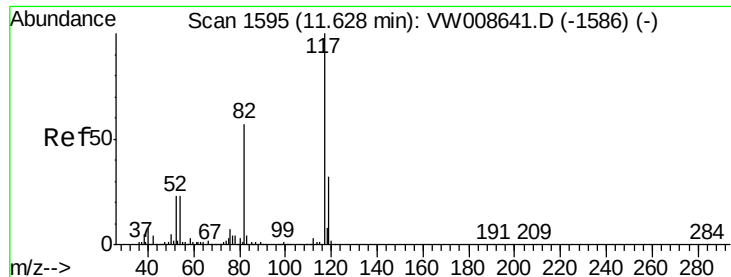
Tot Ion: 107 Resp: 139734
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.265 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion: 95 Resp: 246049
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 163.2
 176 81.9 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

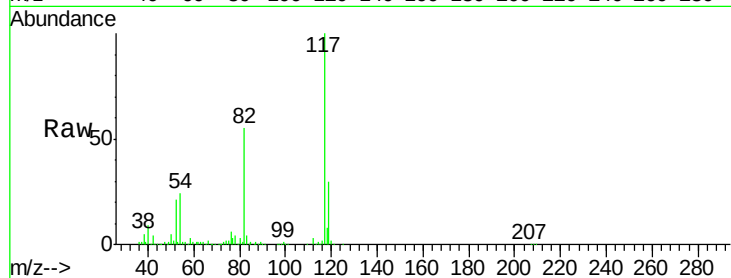
Tot Ion:117 Resp: 470976

Ion Ratio Lower Upper

117 100

82 54.9 45.6 68.4

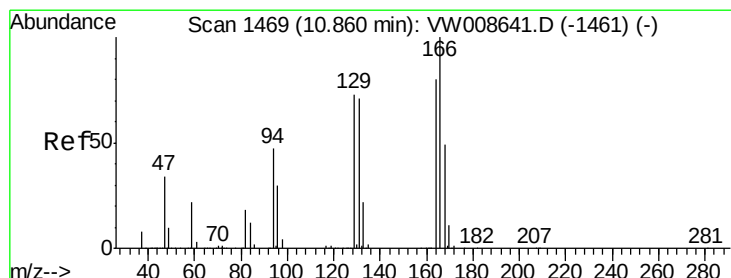
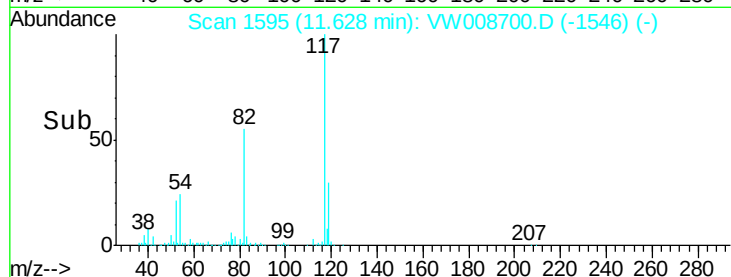
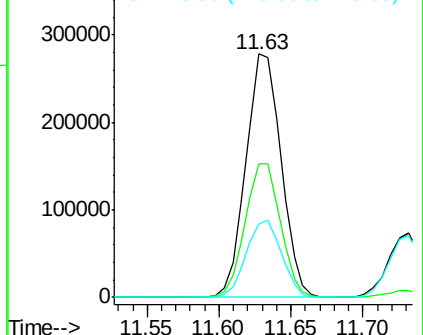
119 30.4 25.7 38.5



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: 52.057 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Tgt Ion:164 Resp: 182322

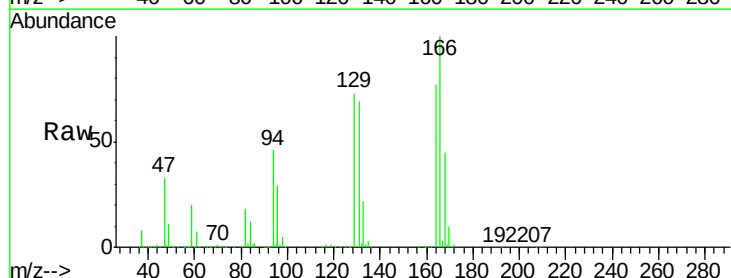
Ion Ratio Lower Upper

164 100

166 129.2 100.2 150.2

129 94.7 73.6 110.4

131 89.0 70.7 106.1

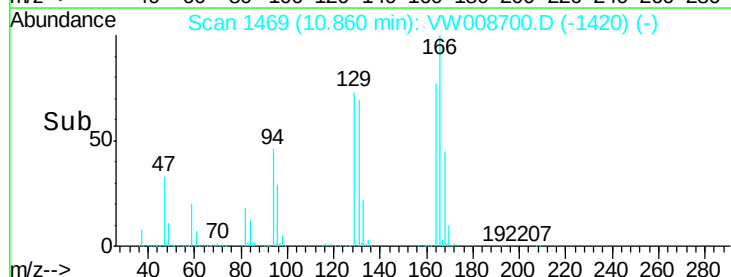
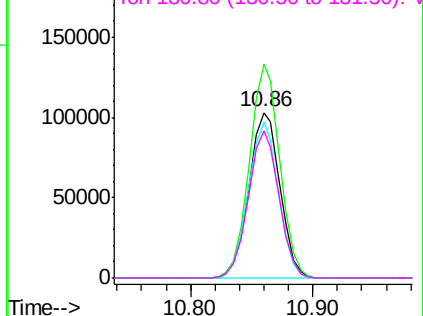


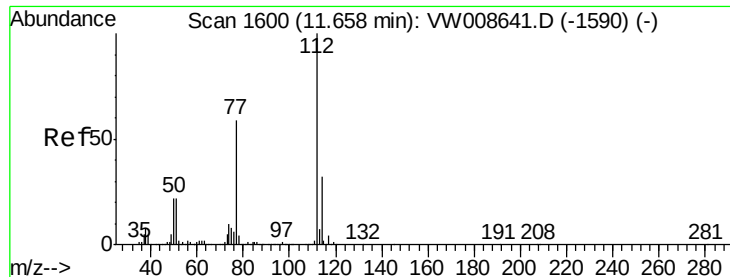
Abundance Ion 163.80 (163.50 to 164.50): V

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

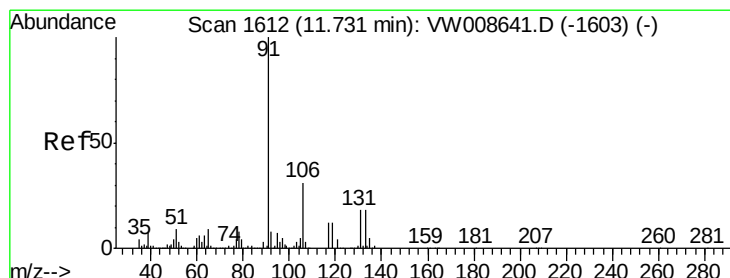
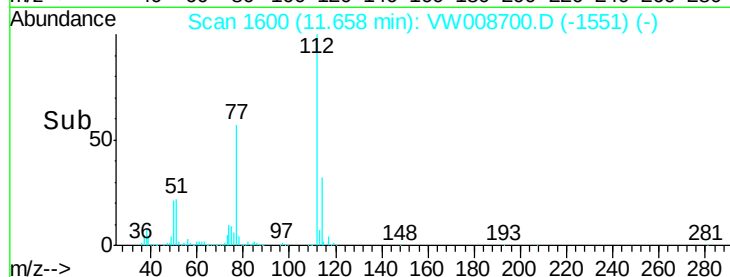
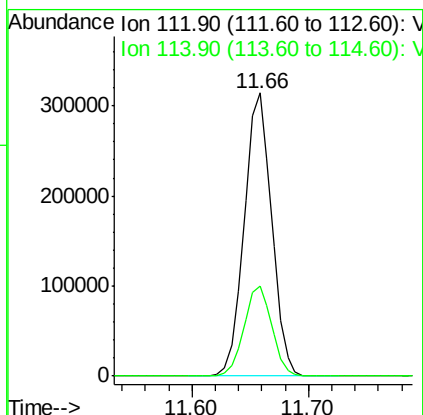
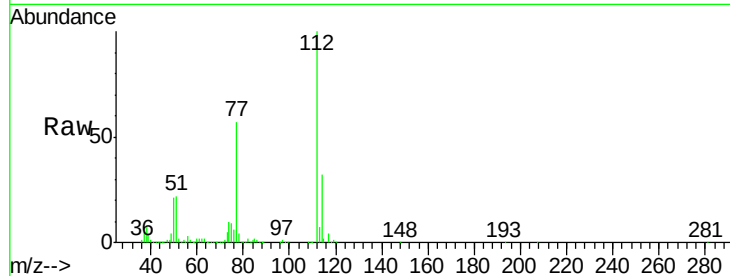




#65
Chlorobenzene
Concen: 50.997 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

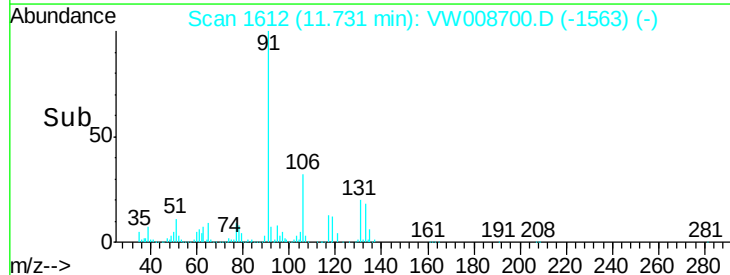
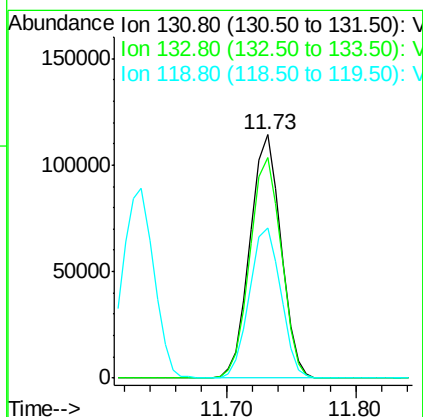
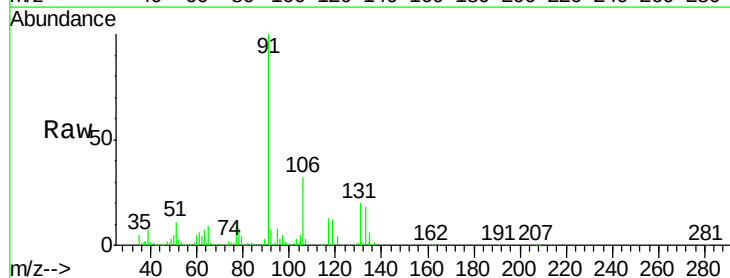
Instrument :
MSVOA_W
ClientSampleId :

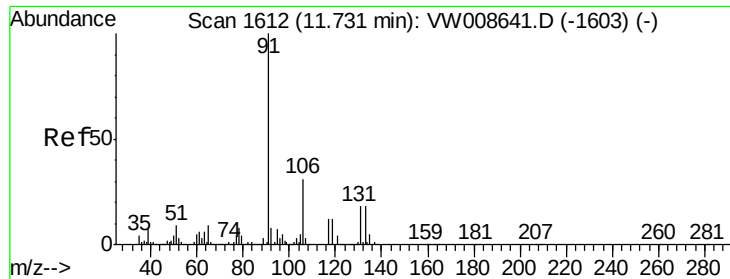
Tot Ion:112 Resp: 517681
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.666 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion:131 Resp: 189392
Ion Ratio Lower Upper
131 100
133 92.0 47.8 143.4
119 62.8 31.6 94.8

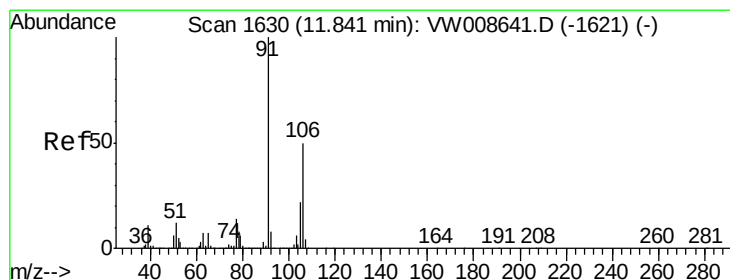
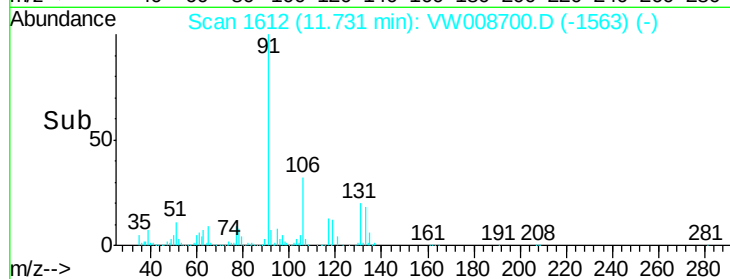
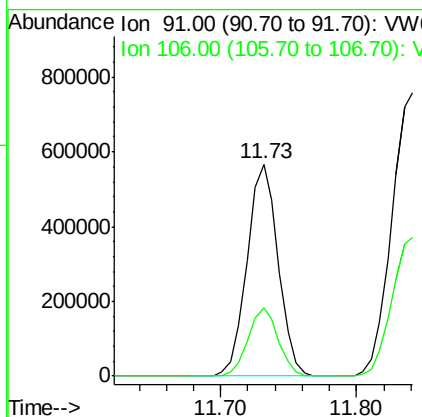
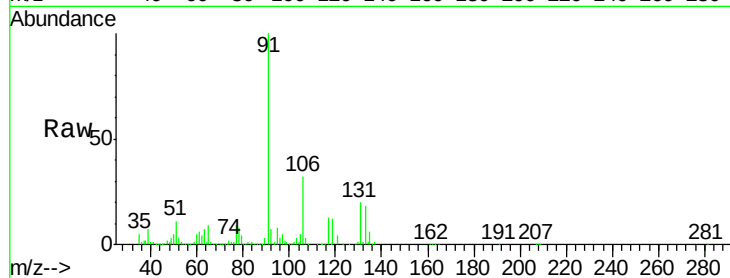




#67
Ethyl Benzene
Concen: 50.016 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

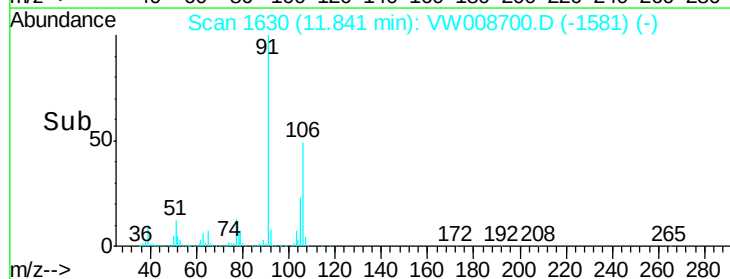
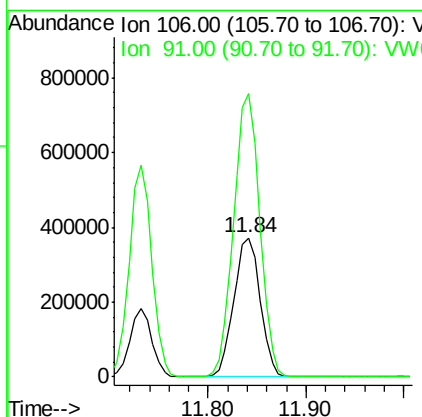
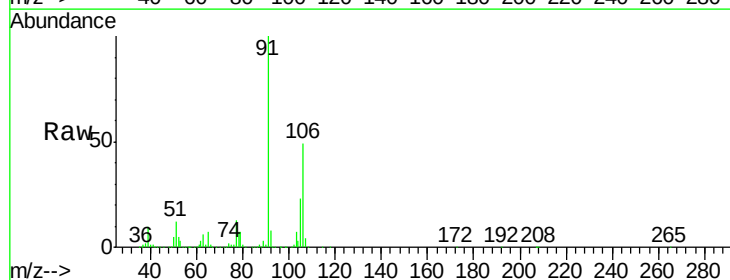
Instrument :
MSVOA_W
ClientSampled :

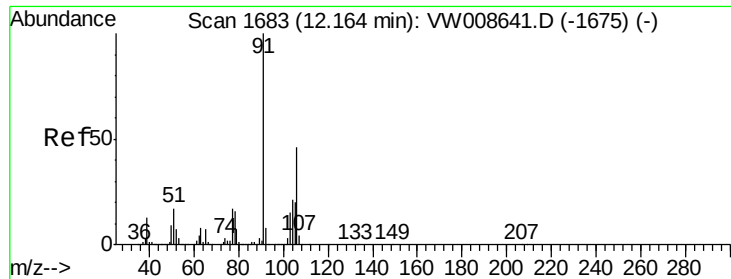
Tot Ion: 91 Resp: 904421
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 99.241 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion: 106 Resp: 698232
Ion Ratio Lower Upper
106 100
91 201.2 161.0 241.4

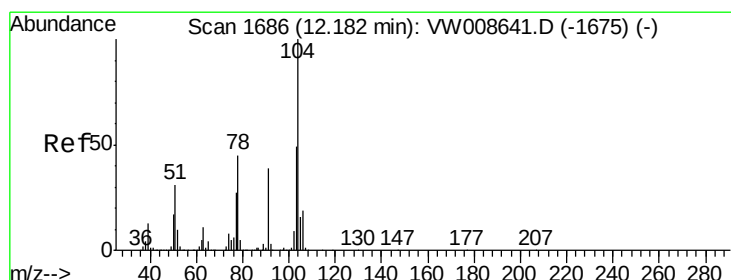
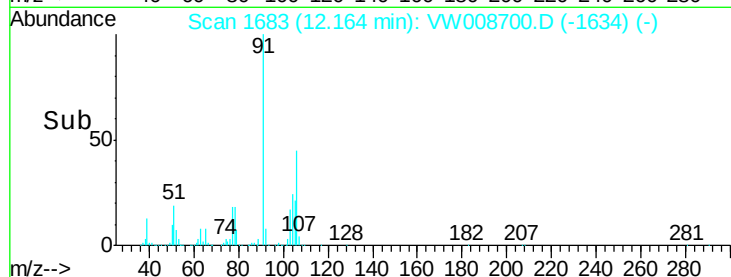
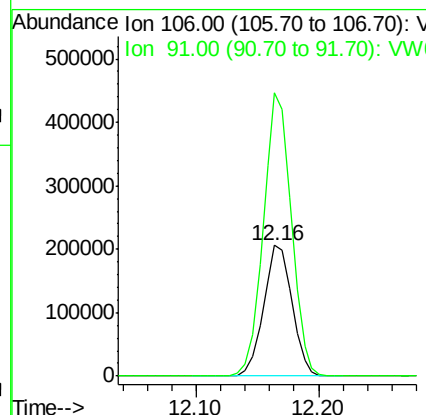
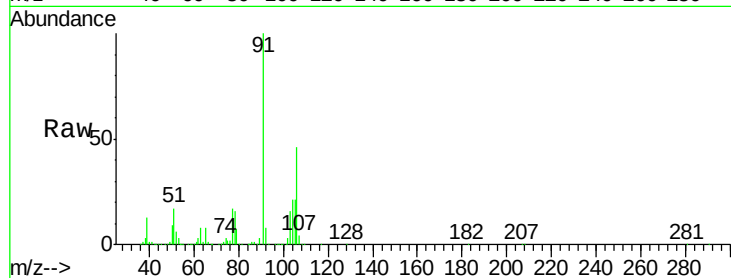




#69
o-Xylene
Concen: 50.298 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

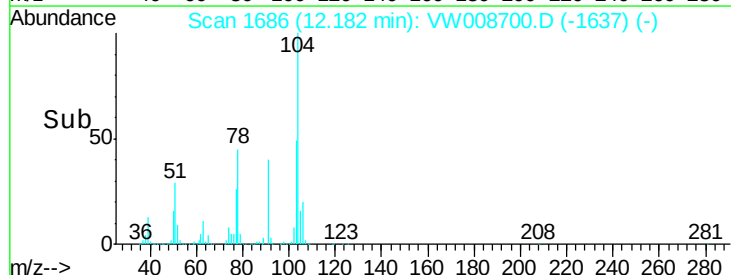
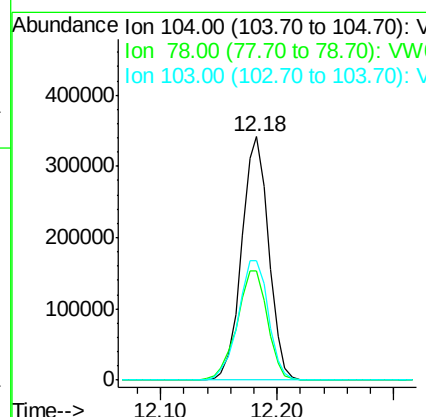
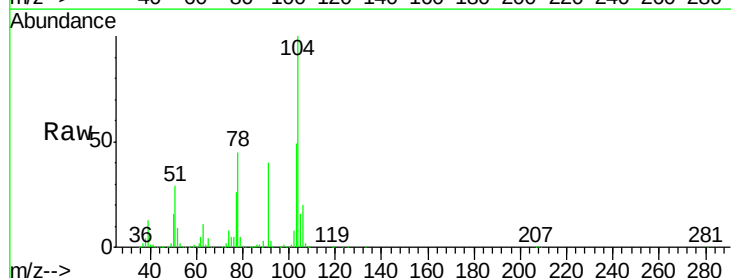
Instrument :
MSVOA_W
ClientSampleId :

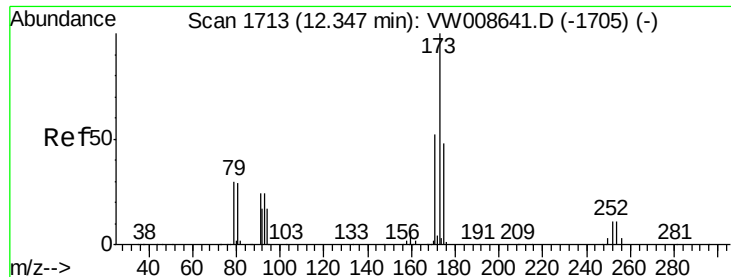
Tot Ion:106 Resp: 334505
Ion Ratio Lower Upper
106 100
91 213.0 106.7 320.1



#70
Styrene
Concen: 50.851 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion:104 Resp: 552374
Ion Ratio Lower Upper
104 100
78 50.7 41.5 62.3
103 55.1 43.5 65.3





#71

Bromoform

Concen: 52.315 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

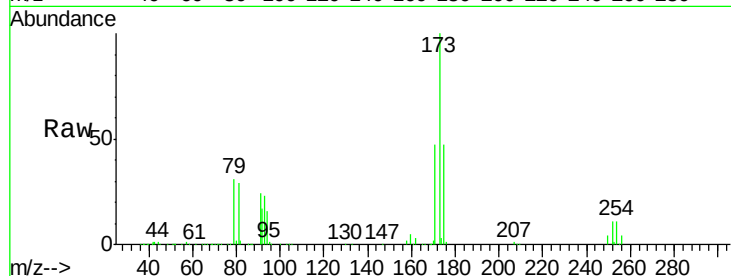
Tot Ion:173 Resp: 101366

Ion Ratio Lower Upper

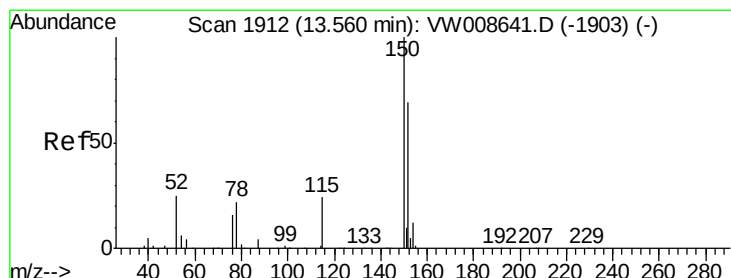
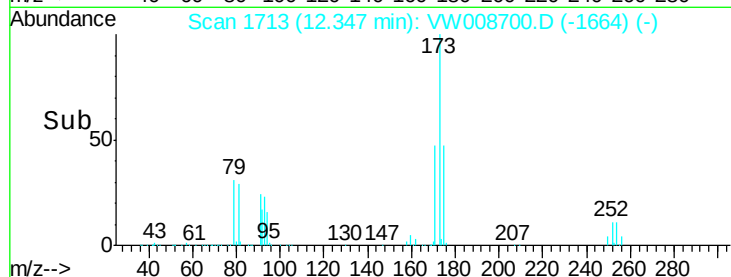
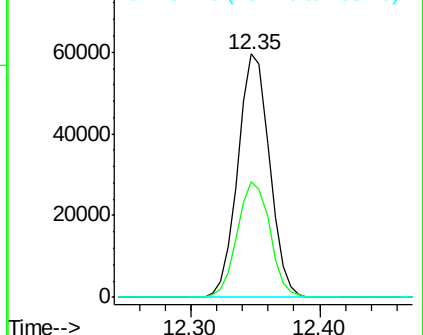
173 100

175 48.8 24.9 74.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

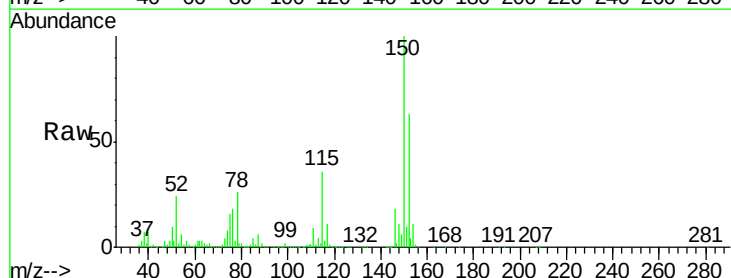
Tgt Ion:152 Resp: 245683

Ion Ratio Lower Upper

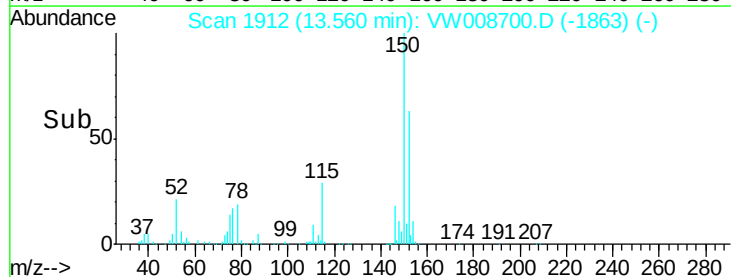
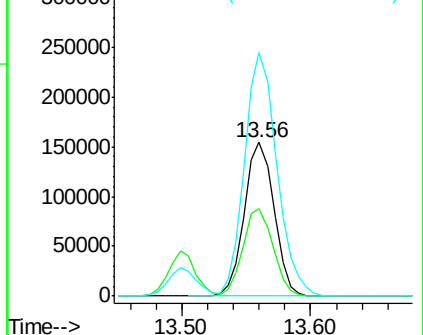
152 100

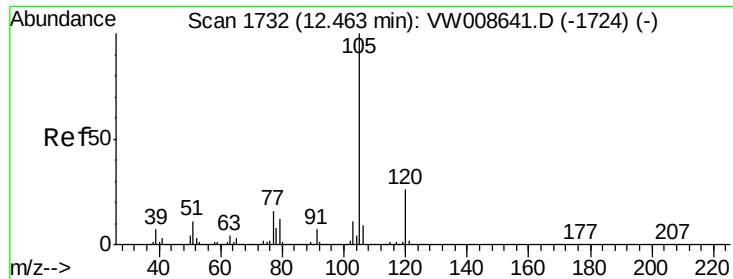
115 57.5 29.3 87.8

150 172.7 0.0 352.8



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: 48.952 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

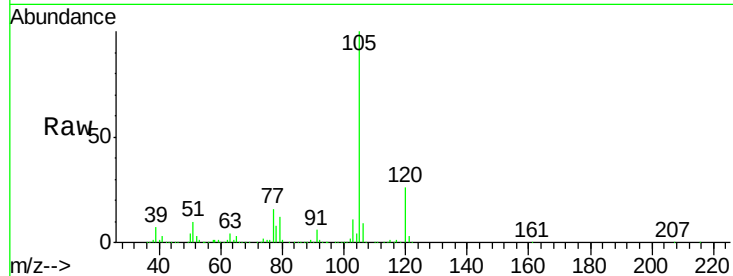
ClientSampleId :

Tot Ion:105 Resp: 895846

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

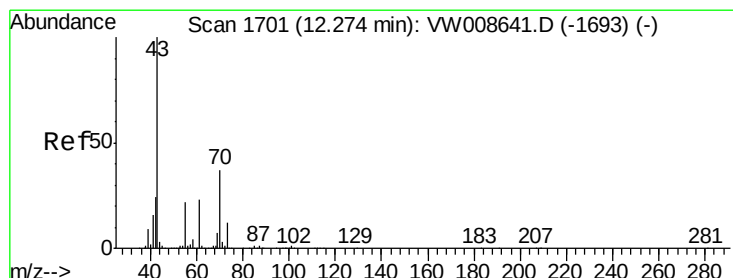
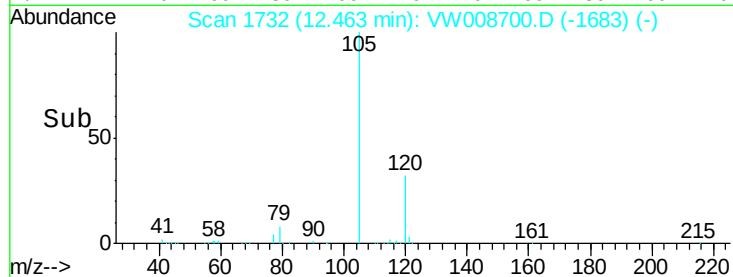
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 50.737 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Tgt Ion: 43 Resp: 251087

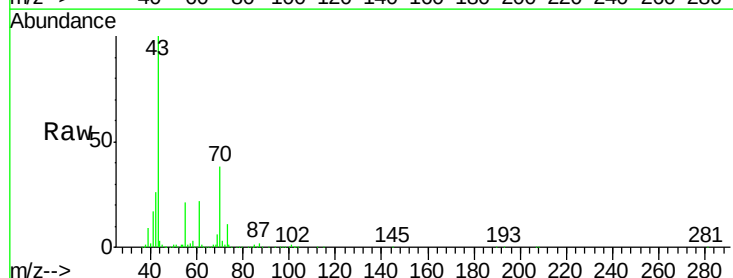
Ion Ratio Lower Upper

43 100

70 39.3 30.5 45.7

55 22.3 17.6 26.4

61 22.4 17.9 26.9



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

250000

200000

150000

100000

50000

0

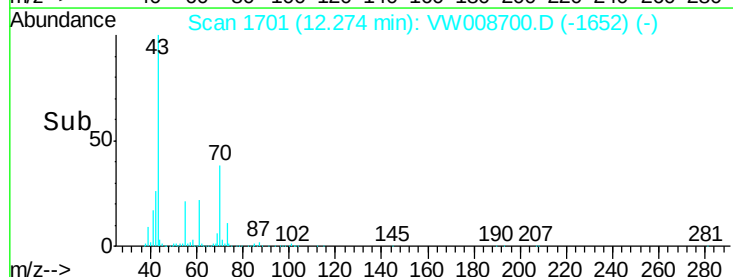
12.27

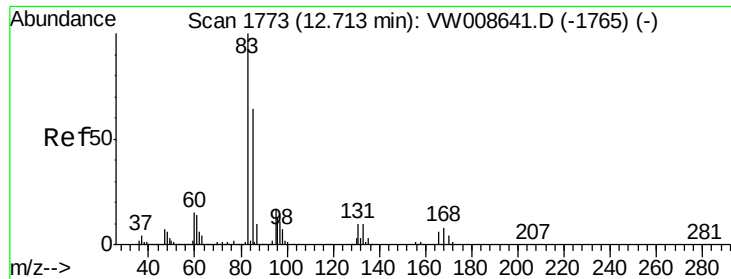
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.965 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampled :

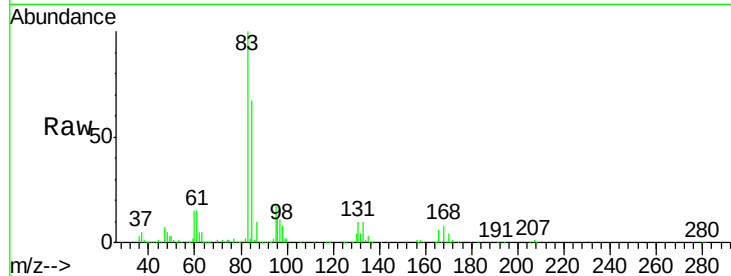
Tot Ion: 83 Resp: 168643

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

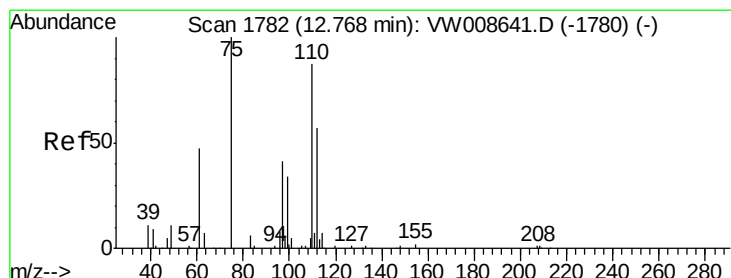
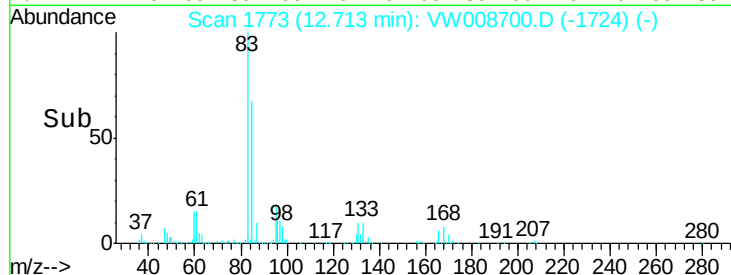
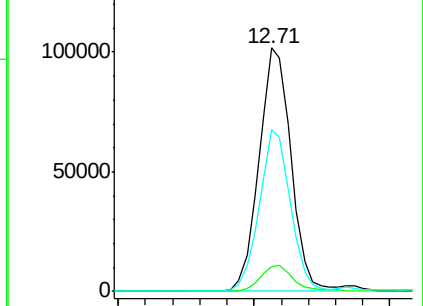
85 64.8 31.8 95.3



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: 92.020 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008700.D

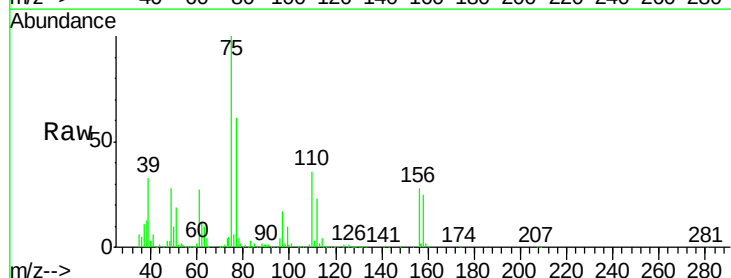
Acq: 15 Feb 2019 23:29

Tgt Ion: 75 Resp: 223240

Ion Ratio Lower Upper

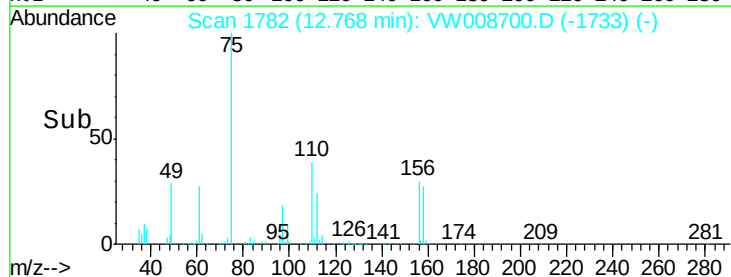
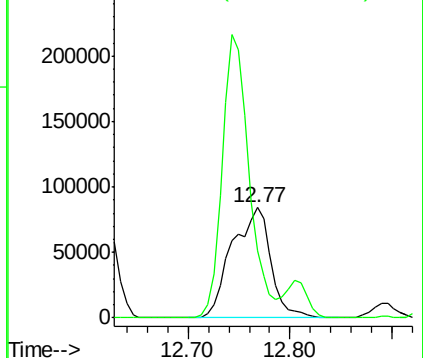
75 100

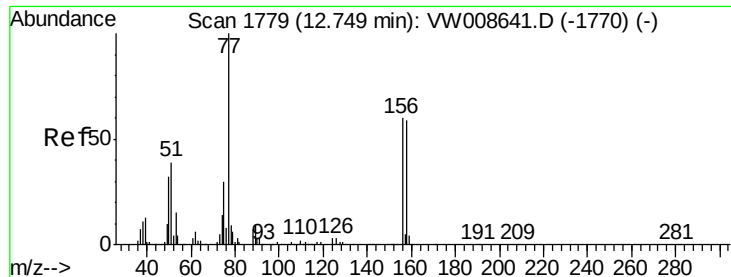
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.921 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampled :

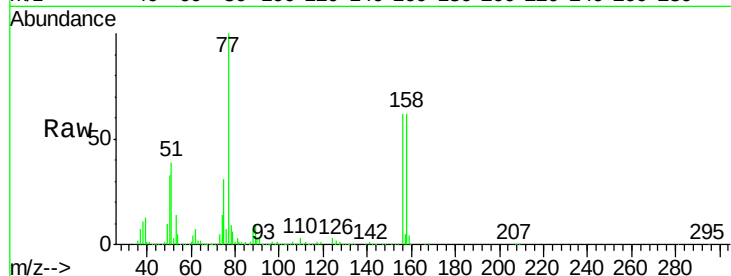
Tot Ion:156 Resp: 218419

Ion Ratio Lower Upper

156 100

77 181.5 93.2 279.5

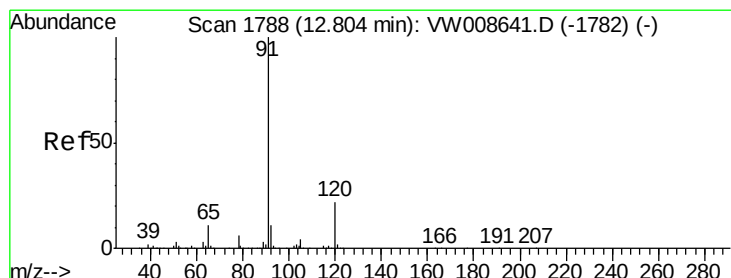
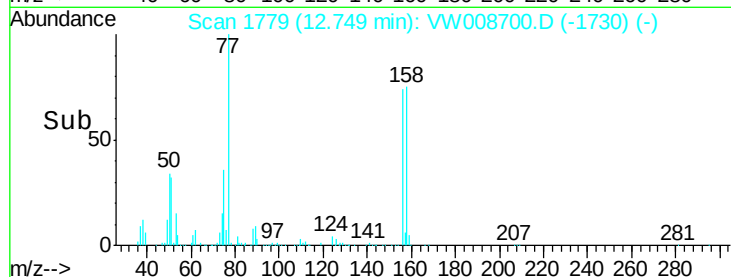
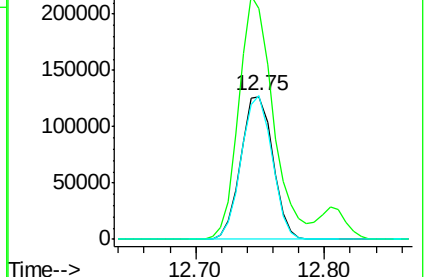
158 97.1 48.5 145.5



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: 49.027 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008700.D

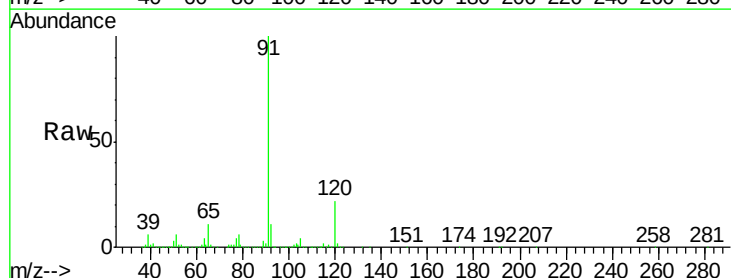
Acq: 15 Feb 2019 23:29

Tgt Ion: 91 Resp: 1066049

Ion Ratio Lower Upper

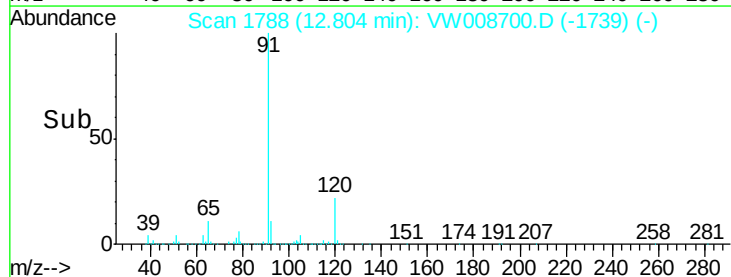
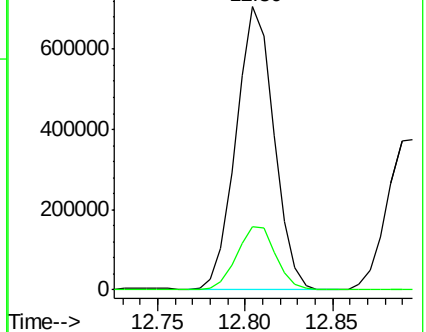
91 100

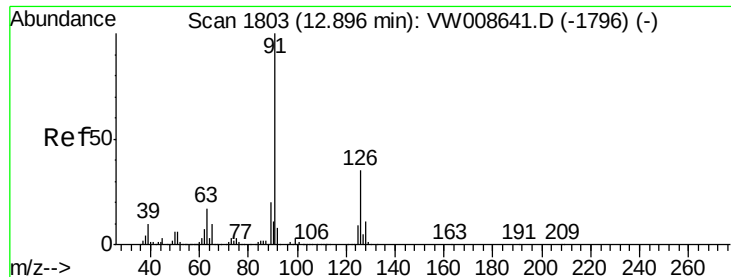
120 22.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.500 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

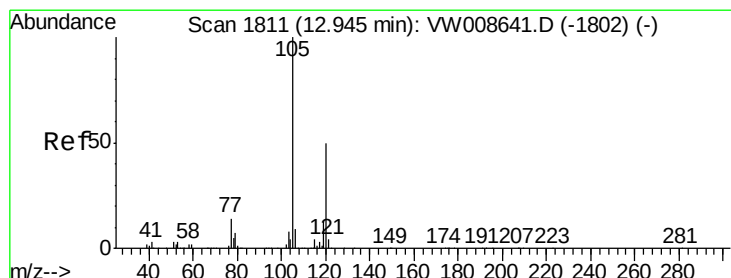
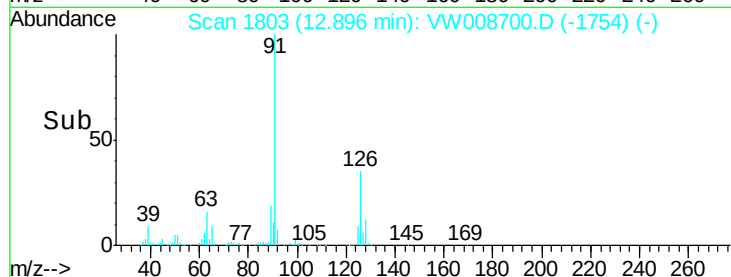
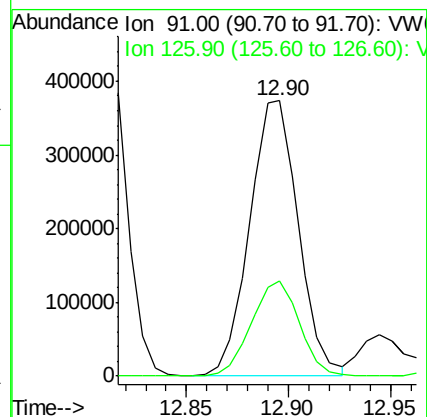
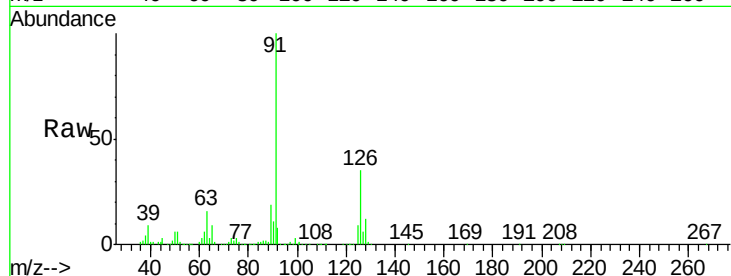
ClientSampleId :

Tot Ion: 91 Resp: 620609

Ion Ratio Lower Upper

91 100

126 33.9 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 50.035 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008700.D

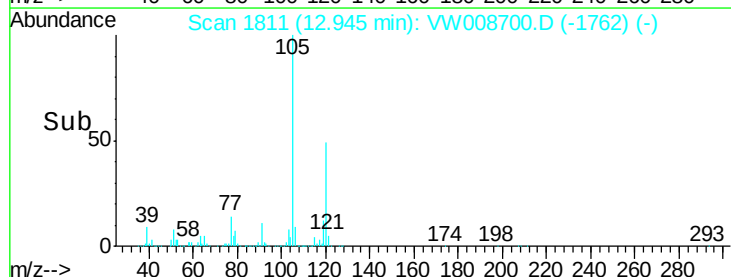
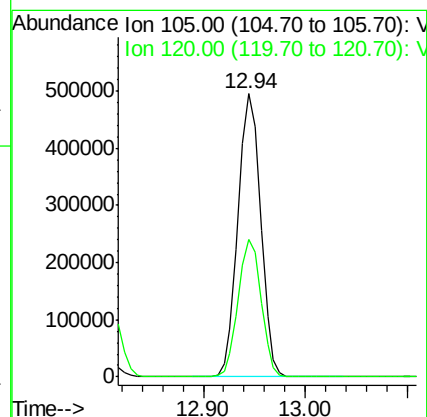
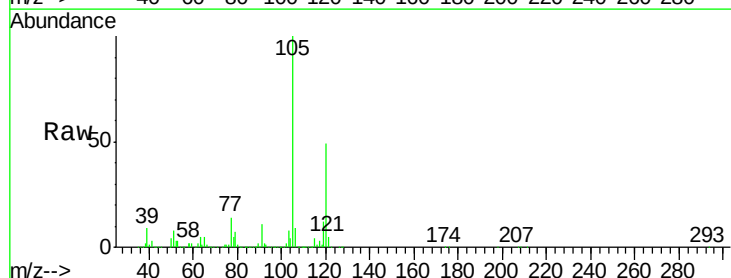
Acq: 15 Feb 2019 23:29

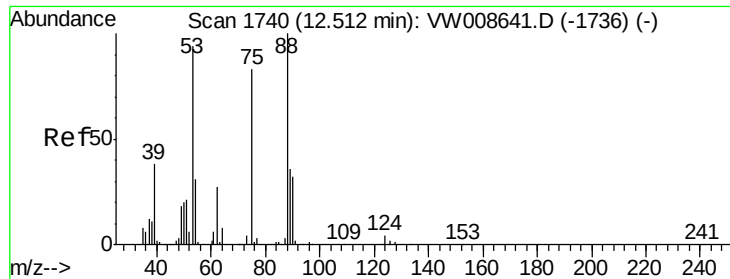
Tgt Ion: 105 Resp: 760561

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8

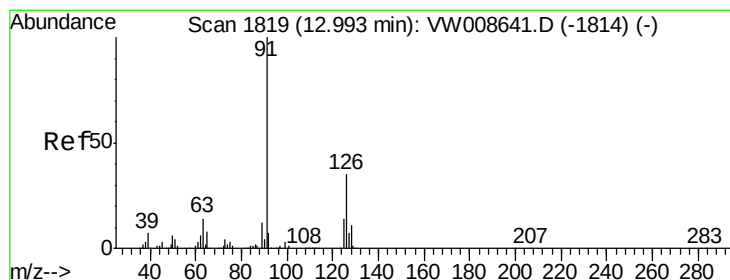
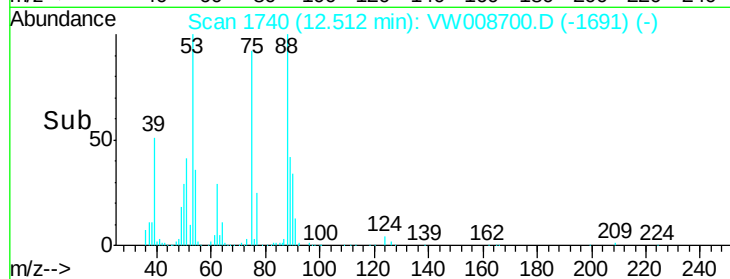
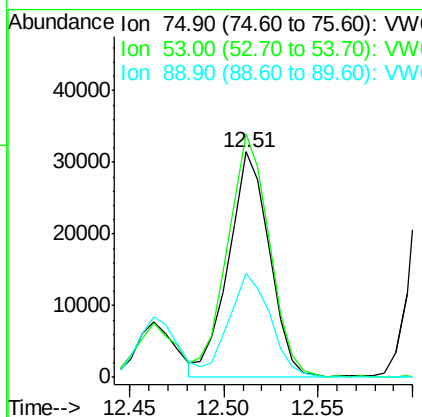
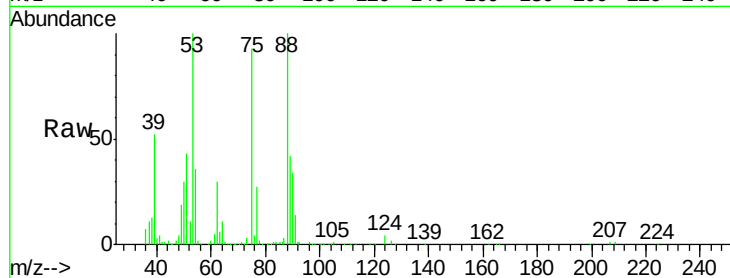




#81
trans-1,4-Dichloro-2-butene
Concen: 43.613 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

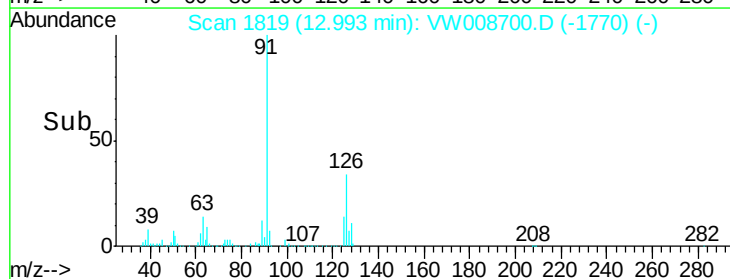
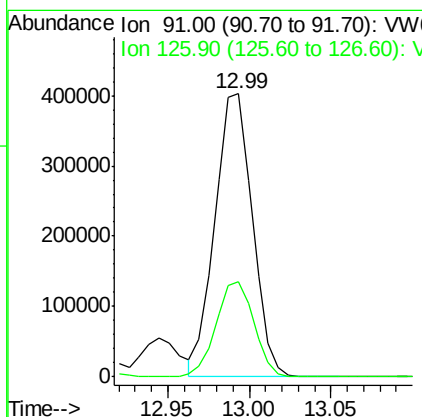
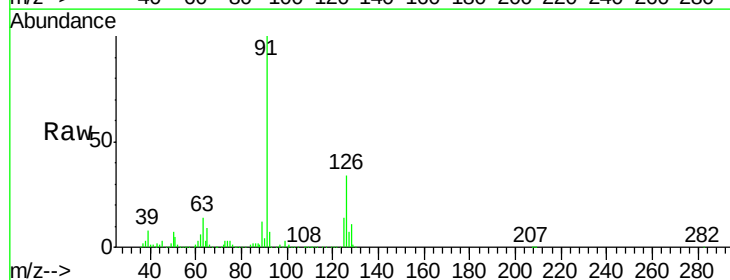
Instrument :
MSVOA_W
ClientSampleId :

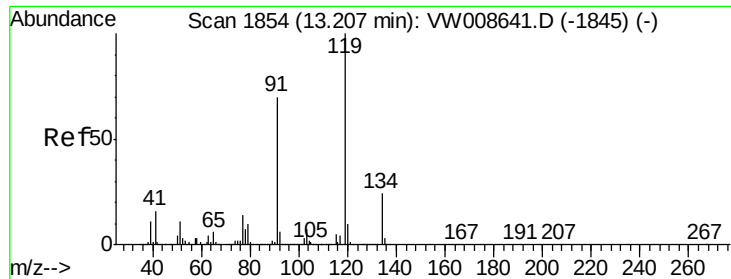
Tot Ion: 75 Resp: 47616
Ion Ratio Lower Upper
75 100
53 110.1 87.4 131.0
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.559 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion: 91 Resp: 645445
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

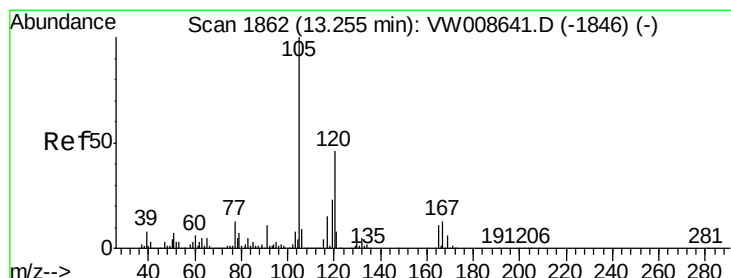
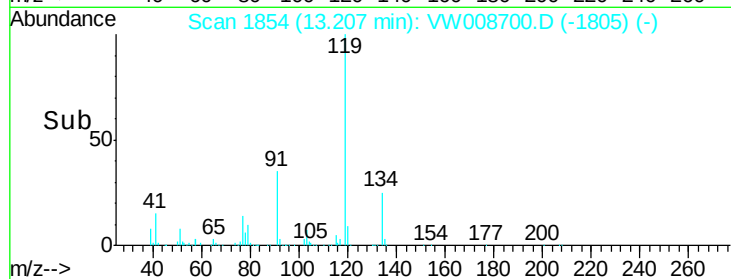
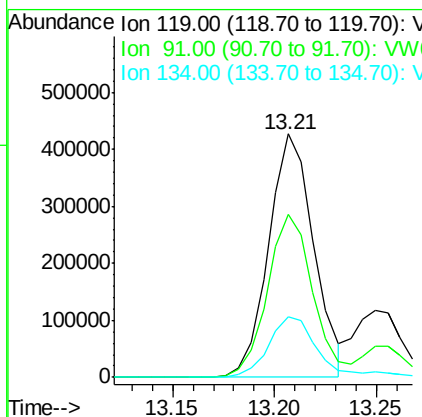
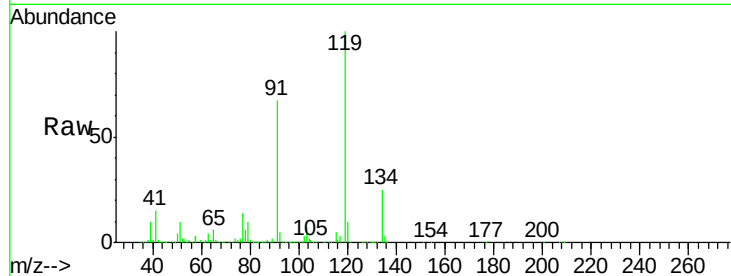




#83
 tert-Butylbenzene
 Concen: 49.908 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

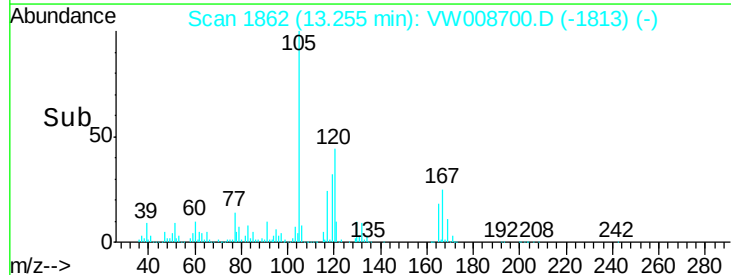
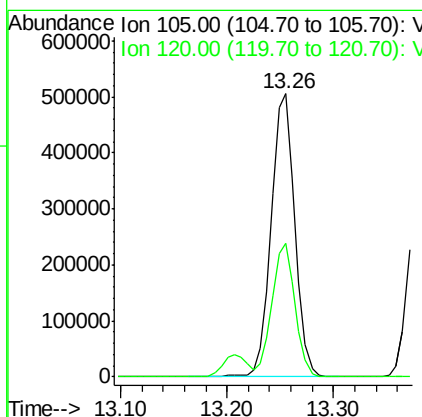
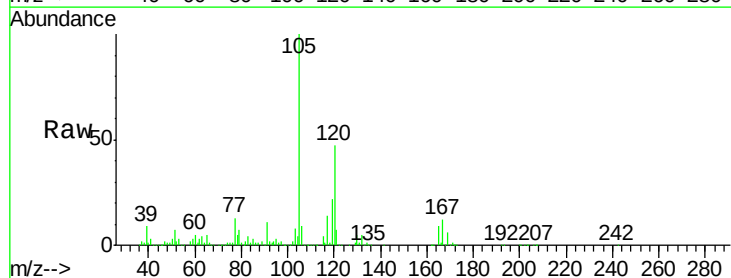
Instrument :
 MSVOA_W
 ClientSampled :

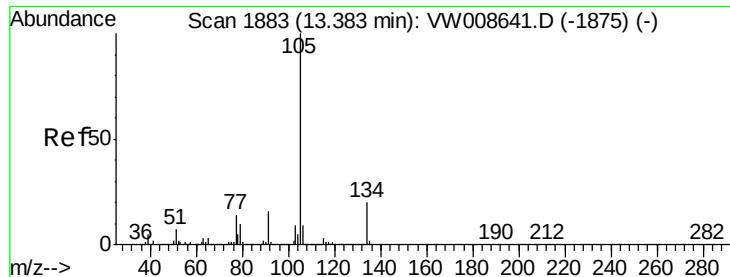
Tot Ion:119 Resp: 658735
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.0 102.0
 134 27.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.196 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion:105 Resp: 784225
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.808 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

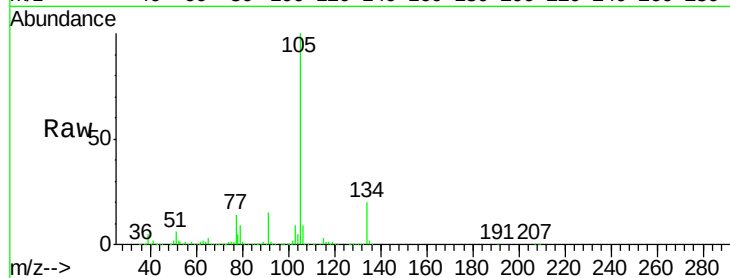
ClientSampled :

Tot Ion:105 Resp: 938011

Ion Ratio Lower Upper

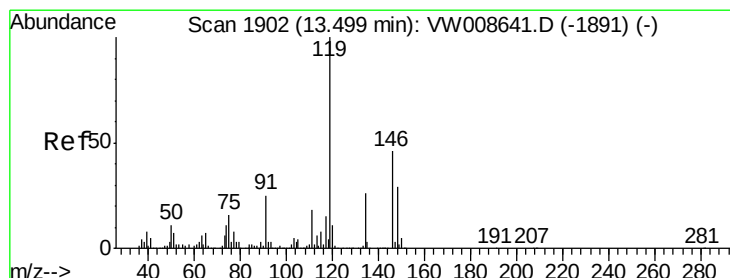
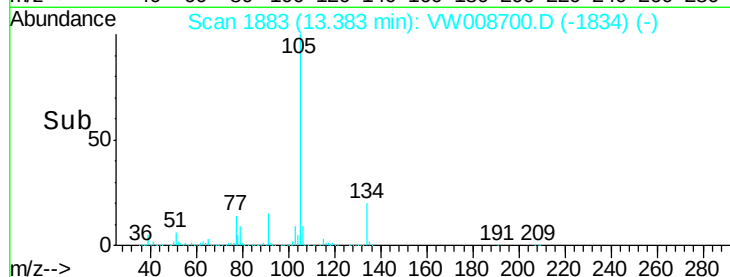
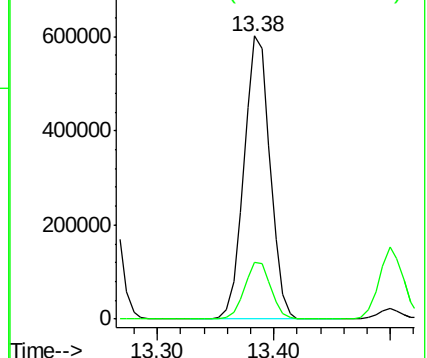
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.758 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

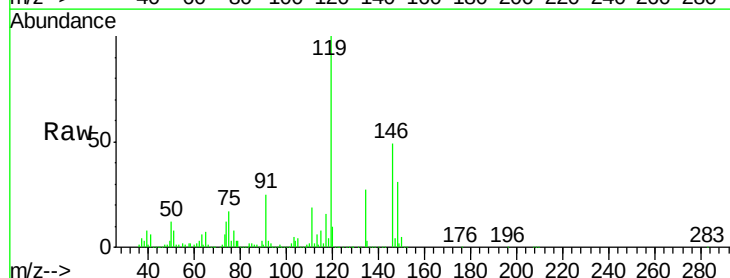
Tgt Ion:119 Resp: 838288

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

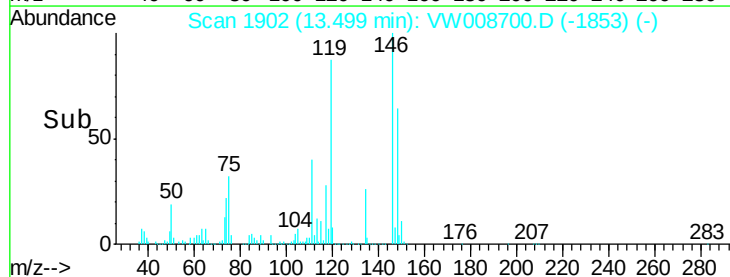
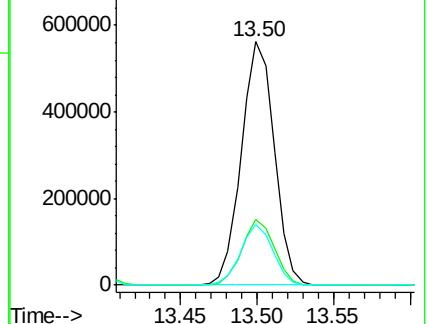
91 24.3 12.3 36.9

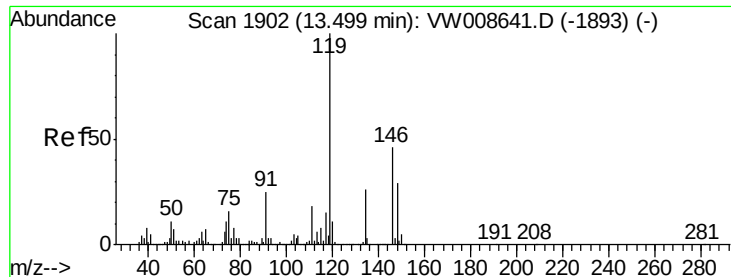


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

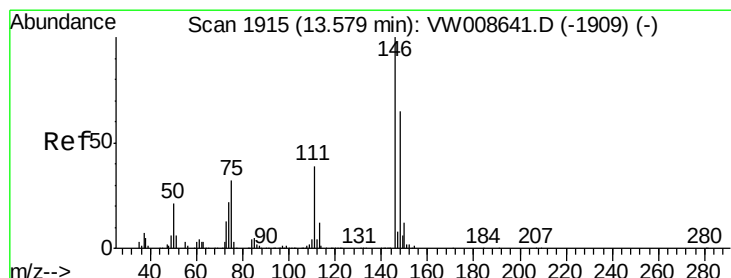
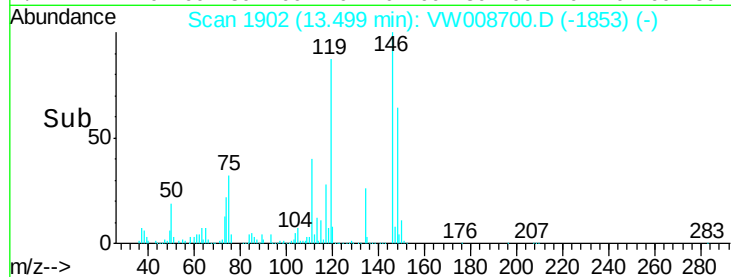
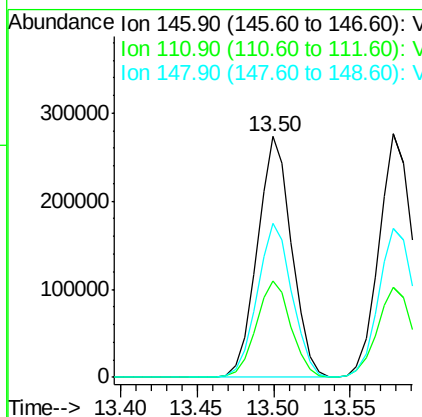
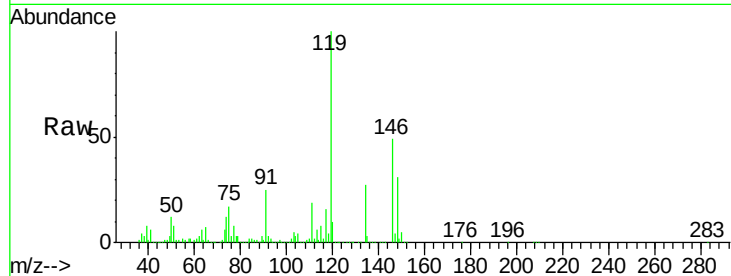




#87
 1,3-Dichlorobenzene
 Concen: 49.964 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

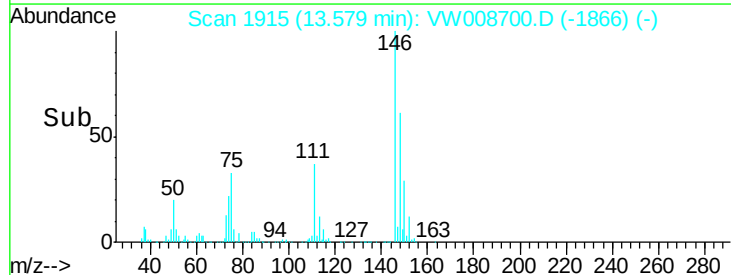
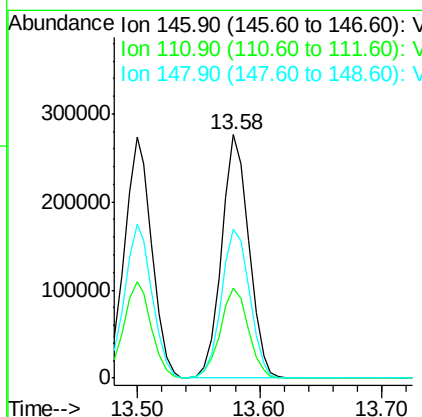
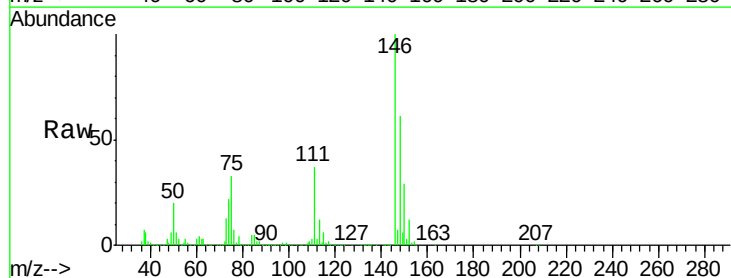
Instrument :
 MSVOA_W
 ClientSampleId :

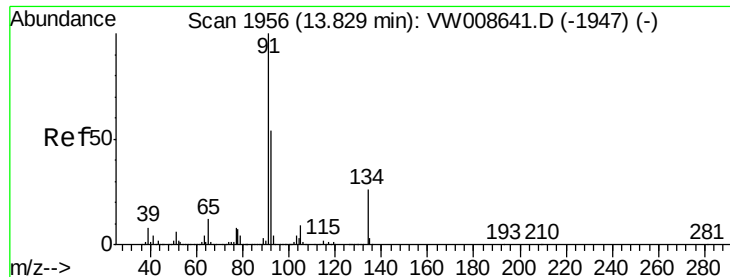
Tot Ion:146 Resp: 426081
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.4 58.1
 148 64.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.534 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion:146 Resp: 424714
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 48.120 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008700.D

Acq: 15 Feb 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

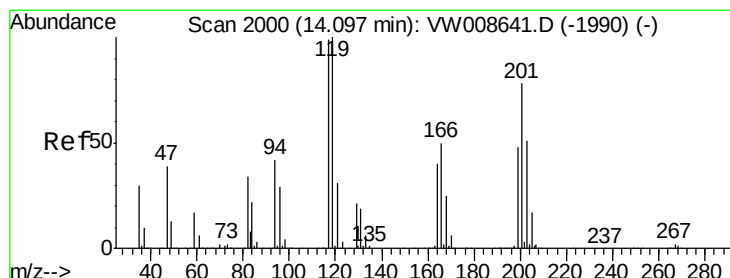
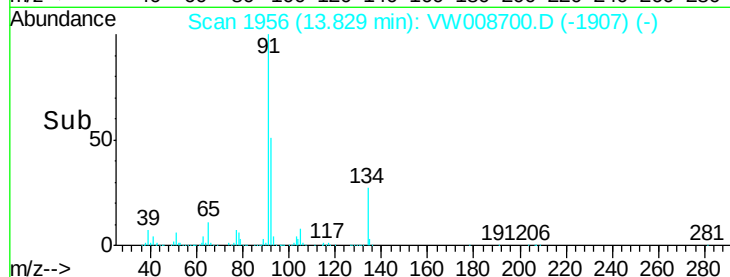
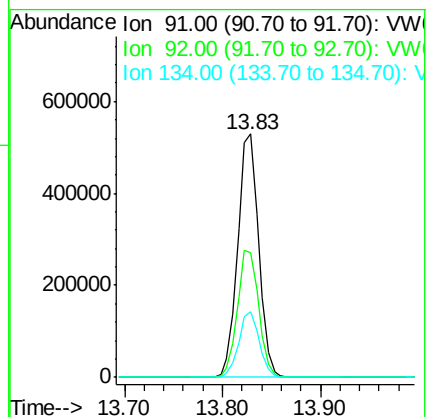
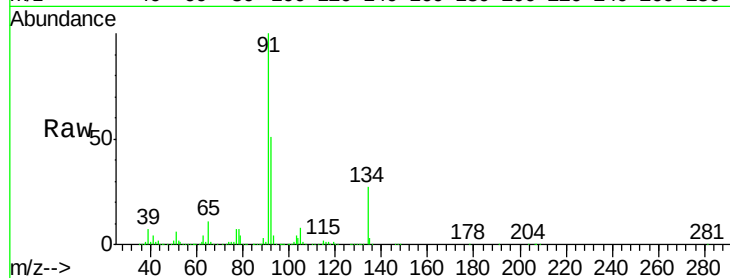
Tot Ion: 91 Resp: 786186

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 26.4 13.0 39.0



#90

Hexachloroethane

Concen: 51.919 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008700.D

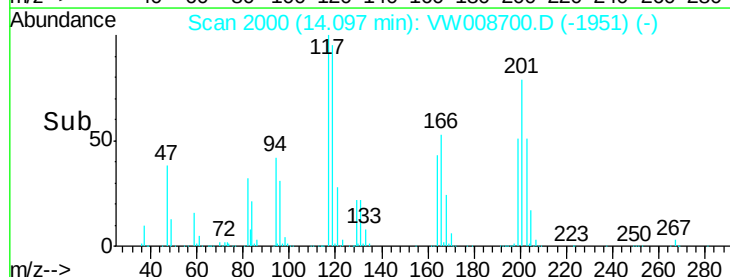
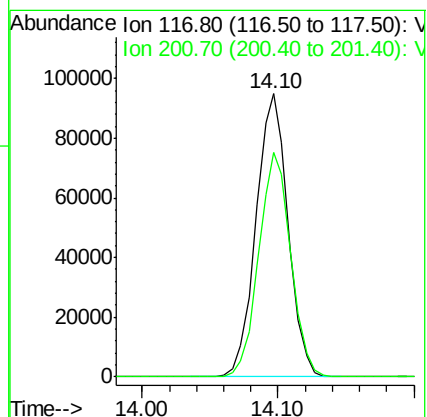
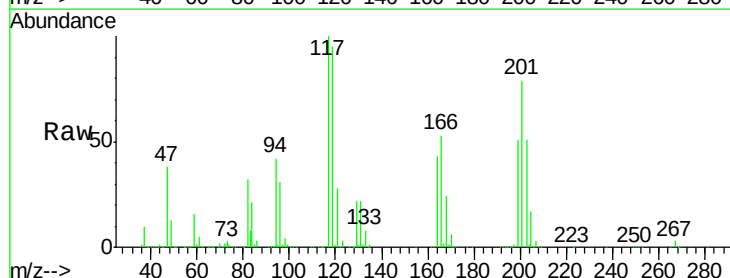
Acq: 15 Feb 2019 23:29

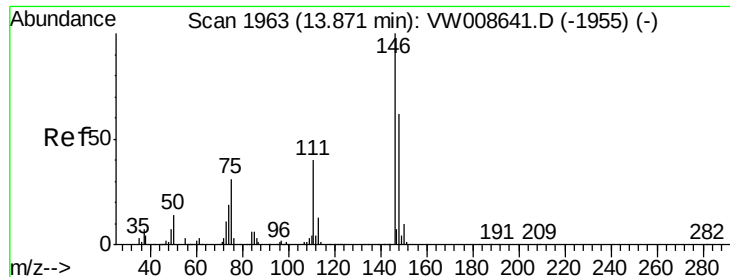
Tgt Ion: 117 Resp: 155953

Ion Ratio Lower Upper

117 100

201 79.2 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 51.499 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008700.D

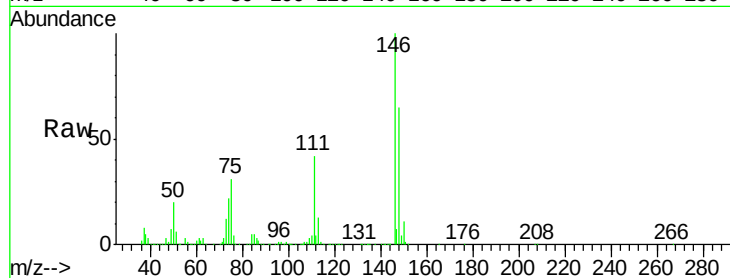
Acq: 15 Feb 2019 23:29

Instrument :

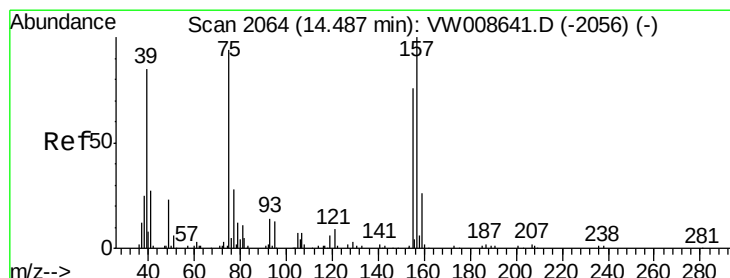
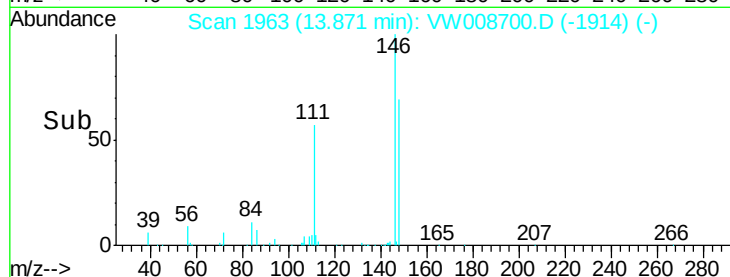
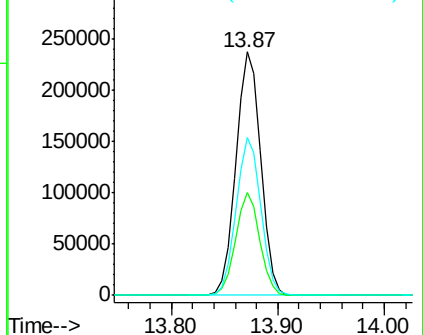
MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	389098
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.5
148	64.5	31.6	94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.500 ug/l

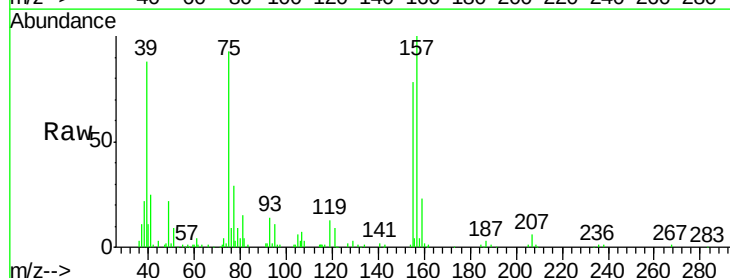
RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

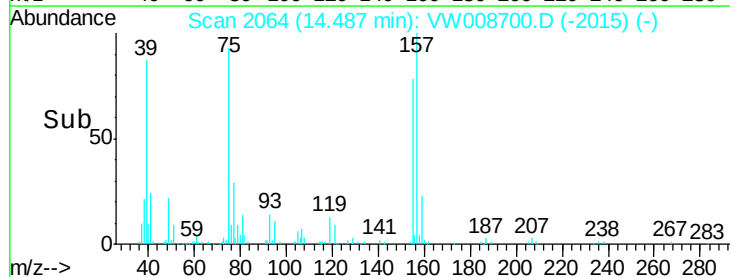
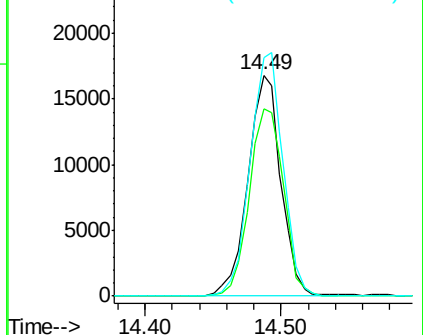
Lab File: VW008700.D

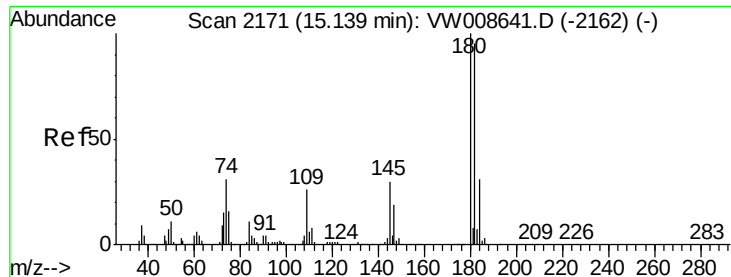
Acq: 15 Feb 2019 23:29

Tgt Ion:	75	Resp:	28495
Ion	Ratio	Lower	Upper
75	100		
155	88.1	41.8	125.4
157	109.5	53.8	161.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

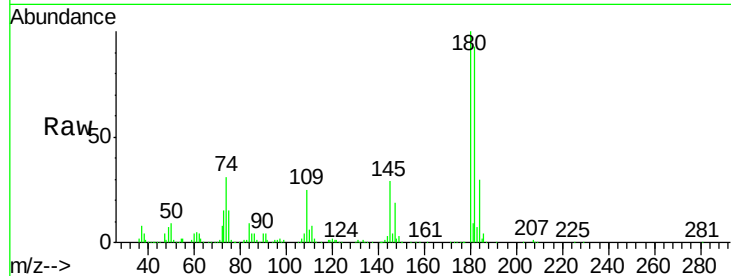




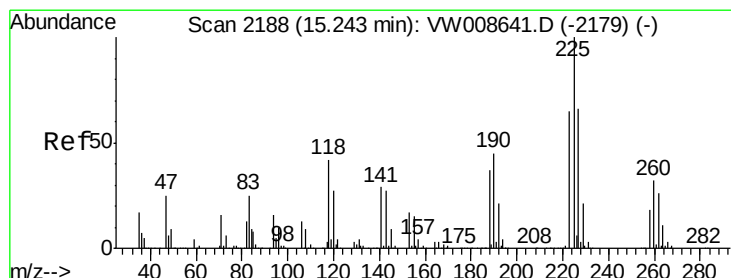
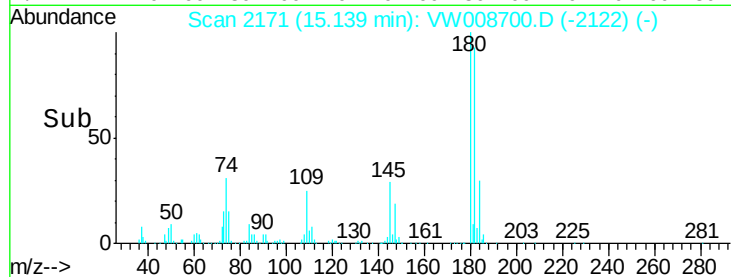
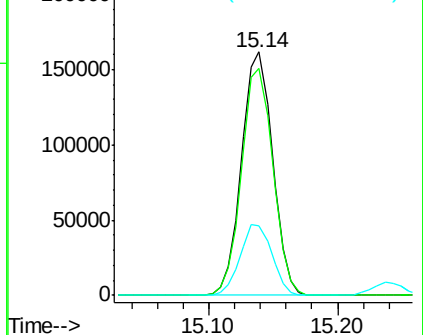
#93
 1,2,4-Trichlorobenzene
 Concen: 50.172 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.5
145	29.9	15.1	45.3

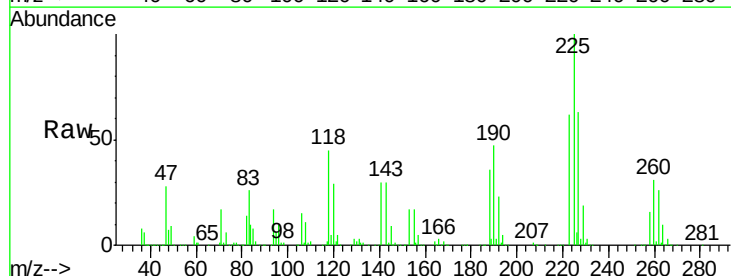


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

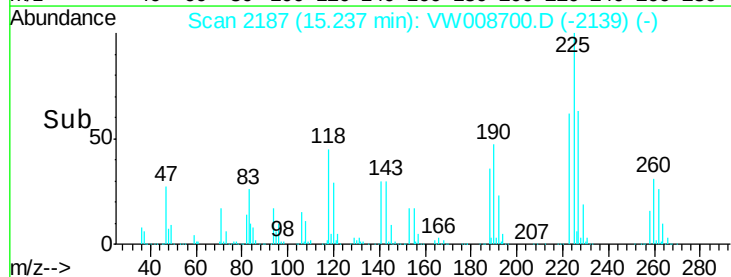
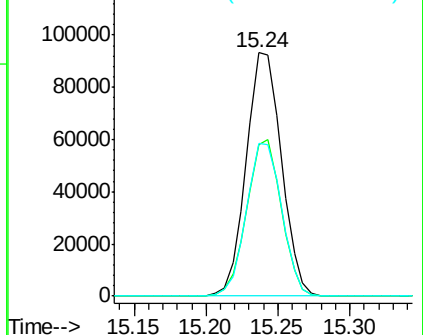


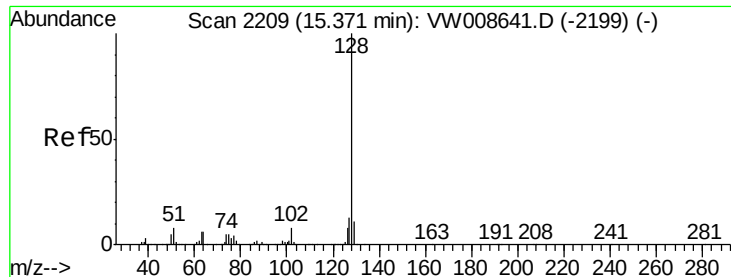
#94
 Hexachlorobutadiene
 Concen: 50.400 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008700.D
 Acq: 15 Feb 2019 23:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.3
227	63.0	32.4	97.0



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

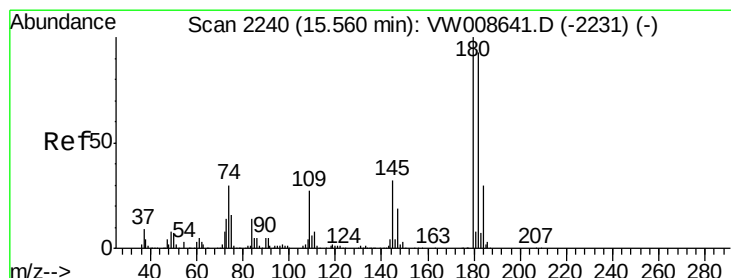
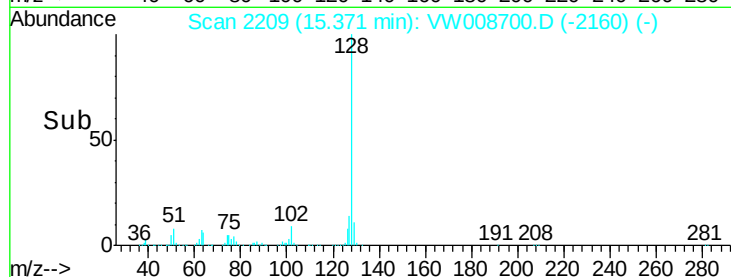
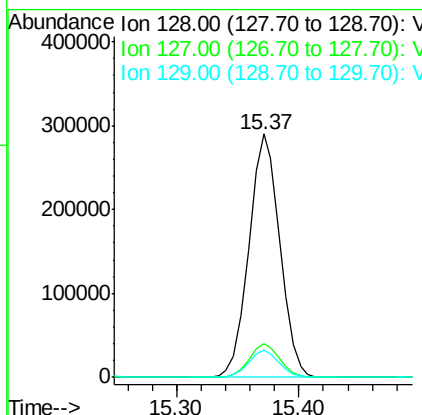
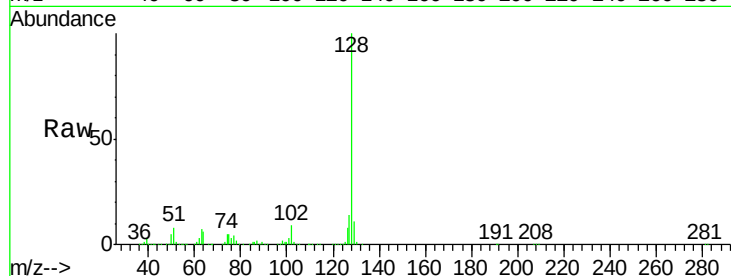




#95
Naphthalene
Concen: 52.838 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 509269
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.652 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008700.D
Acq: 15 Feb 2019 23:29

Tgt Ion:180 Resp: 238384
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 31.7 15.9 47.7

