

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008085.D
 Acq On : 08 Jan 2019 14:45
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 09 03:38:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4866	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
35) Dibromofluoromethane	7.88	113	4455	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
50) Toluene-d8	10.32	98	18723	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	
62) 4-Bromofluorobenzene	12.62	95	7109	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	3261	4.377	ug/l	86
3) Chloromethane	2.21	50	4988	8.077	ug/l	99
4) Vinyl Chloride	2.36	62	6367	7.927	ug/l	90
5) Bromomethane	2.79	94	4323	8.280	ug/l	99
6) Chloroethane	2.93	64	4055	9.089	ug/l	89
7) Trichlorofluoromethane	3.26	101	4733	6.118	ug/l	96
8) Diethyl Ether	3.68	74	3075	7.581	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	5168	5.844	ug/l #	73
10) Methyl Iodide	4.26	142	7041	5.006	ug/l	96
11) Tert butyl alcohol	5.25	59	128	2.077	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	5053	5.906	ug/l	82
13) Acrolein	3.89	56	1053	23.109	ug/l	92
14) Allyl chloride	4.67	41	8442	6.871	ug/l	99
15) Acrylonitrile	5.38	53	5049	33.865	ug/l #	60
16) Acetone	4.15	43	5517	36.877	ug/l #	78
17) Carbon Disulfide	4.37	76	15169	5.794	ug/l	99
18) Methyl Acetate	4.68	43	3081	7.518	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	7702	5.714	ug/l #	88
20) Methylene Chloride	4.91	84	6889	6.862	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	5183	5.573	ug/l	94
22) Diisopropyl ether	6.31	45	16516	7.428	ug/l	94
23) Vinyl Acetate	6.26	43	40956	33.347	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	10087	6.426	ug/l	94
25) 2-Butanone	7.18	43	7264	39.752	ug/l	91
26) 2,2-Dichloropropane	7.16	77	6911	5.523	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	5726	5.765	ug/l	99
28) Bromochloromethane	7.51	49	4249	7.963	ug/l	92
29) Tetrahydrofuran	7.54	42	4452	38.316	ug/l	98
30) Chloroform	7.67	83	9011	5.251	ug/l	92
31) Cyclohexane	7.96	56	12066	8.005	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	7991	4.955	ug/l	99
36) 1,1-Dichloropropene	8.08	75	8229	5.780	ug/l	98
37) Ethyl Acetate	7.25	43	3305	7.279	ug/l #	93
38) Carbon Tetrachloride	8.07	117	7046	4.299	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008085.D
 Acq On : 08 Jan 2019 14:45
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 09 03:38:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.34	83	10123	5.673	ug/l	94
40) Benzene	8.32	78	20780	5.490	ug/l	92
41) Methacrylonitrile	7.49	41	2209	8.483	ug/l #	71
42) 1,2-Dichloroethane	8.40	62	6084	4.962	ug/l	97
43) Isopropyl Acetate	8.43	43	5828	6.495	ug/l	98
44) Trichloroethene	9.09	130	5421	4.981	ug/l	95
45) 1,2-Dichloropropane	9.37	63	5135	6.116	ug/l #	87
46) Dibromomethane	9.46	93	2558	5.392	ug/l	97
47) Bromodichloromethane	9.64	83	6339	4.812	ug/l	91
48) Methyl methacrylate	9.44	41	2604	5.745	ug/l #	90
49) 1,4-Dioxane	9.48	88	882	124.158	ug/l #	68
51) 4-Methyl-2-Pentanone	10.21	43	15340	36.427	ug/l	99
52) Toluene	10.39	92	13609	5.454	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	6204	4.836	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	7633	5.283	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	3446	5.350	ug/l	94
56) Ethyl methacrylate	10.65	69	4058	5.431	ug/l	96
57) 1,3-Dichloropropane	10.93	76	6312	5.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	10804	29.613	ug/l	99
59) 2-Hexanone	10.97	43	9877	34.083	ug/l	96
60) Dibromochloromethane	11.13	129	3471	4.029	ug/l	97
61) 1,2-Dibromoethane	11.24	107	3145	4.876	ug/l	93
64) Tetrachloroethene	10.87	164	4757	5.644	ug/l #	86
65) Chlorobenzene	11.66	112	14432	5.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	4636	4.892	ug/l	96
67) Ethyl Benzene	11.73	91	26181	5.524	ug/l	97
68) m/p-Xylenes	11.84	106	20365	11.144	ug/l	94
69) o-Xylene	12.17	106	9129	5.371	ug/l	100
70) Styrene	12.18	104	13454	4.869	ug/l	98
71) Bromoform	12.35	173	1762	4.030	ug/l #	90
73) Isopropylbenzene	12.47	105	25398	5.217	ug/l	97
74) N-amyl acetate	12.28	43	5336	6.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	3952	6.153	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	5395	10.796	ug/l	28
77) Bromobenzene	12.75	156	5605	5.403	ug/l	90
78) n-propylbenzene	12.80	91	31512	5.521	ug/l	98
79) 2-Chlorotoluene	12.89	91	17176	5.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	20369	4.895	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	1073	5.044	ug/l	86
82) 4-Chlorotoluene	12.99	91	18614	5.347	ug/l	99
83) tert-Butylbenzene	13.21	119	18115	4.957	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	21608	5.102	ug/l	97
85) sec-Butylbenzene	13.39	105	27578	5.436	ug/l	99
86) p-Isopropyltoluene	13.50	119	23586	5.184	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	11235	5.324	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	11004	5.256	ug/l	91
89) n-Butylbenzene	13.83	91	22707	5.401	ug/l	98
90) Hexachloroethane	14.10	117	3954	5.024	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	9533	5.131	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	619	4.898	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
Data File : VW008085.D
Acq On : 08 Jan 2019 14:45
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jan 09 03:38:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

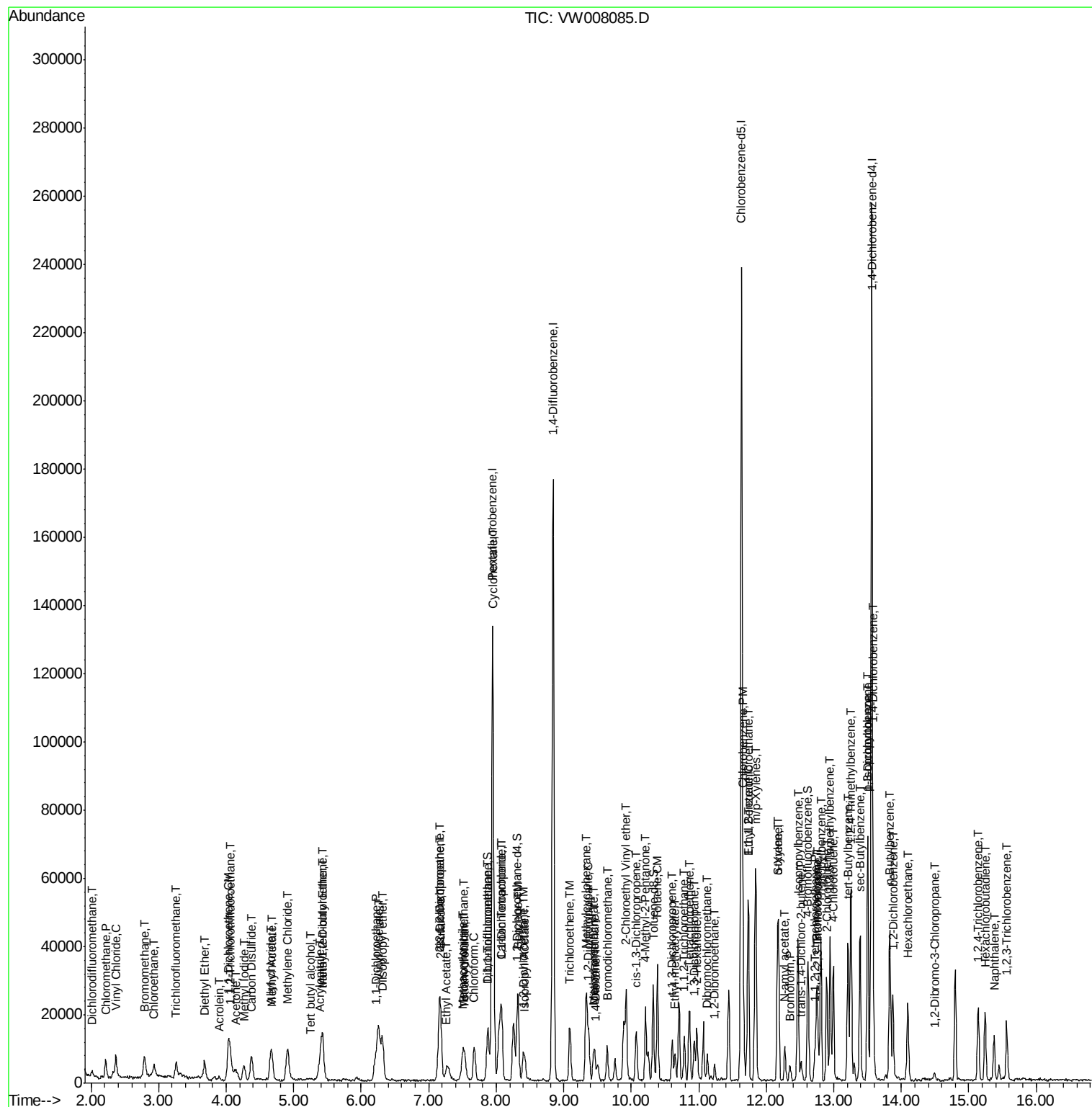
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6282	4.901	ug/l	94
94) Hexachlorobutadiene	15.25	225	3143	4.278	ug/l	93
95) Naphthalene	15.38	128	10665	4.800	ug/l	96
96) 1,2,3-Trichlorobenzene	15.56	180	5100	4.782	ug/l	94

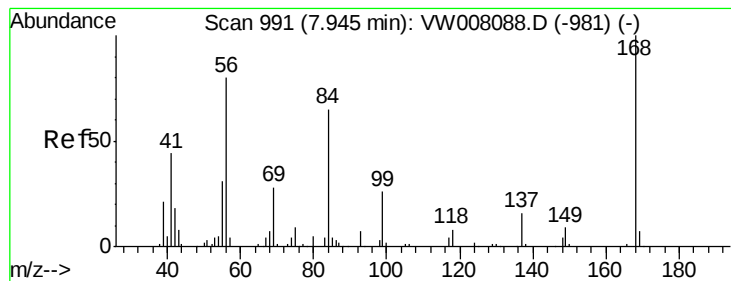
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008085.D
 Acq On : 08 Jan 2019 14:45
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 09 03:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 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: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

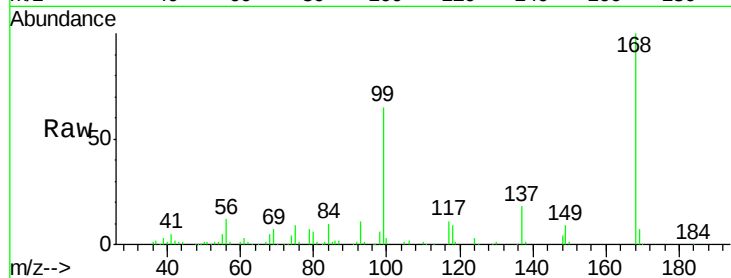
VSTDIC005

Tot Ion:168 Resp: 84358

Ion Ratio Lower Upper

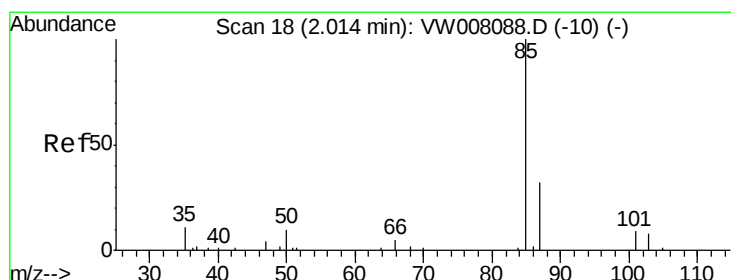
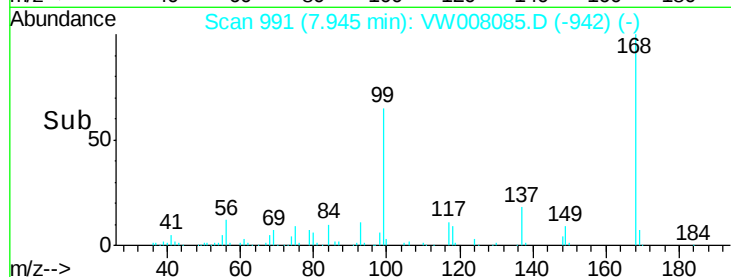
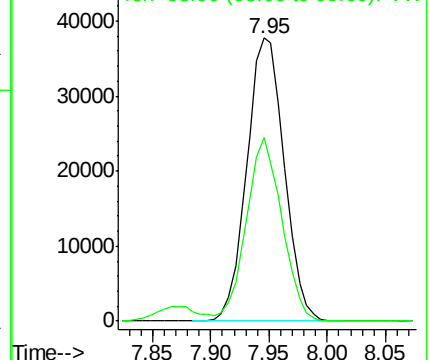
168 100

99 64.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 4.377 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008085.D

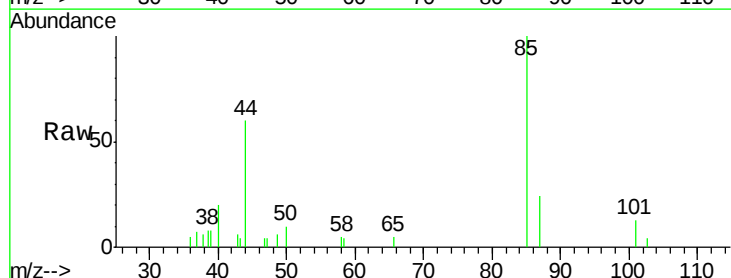
Acq: 08 Jan 2019 14:45

Tgt Ion: 85 Resp: 3261

Ion Ratio Lower Upper

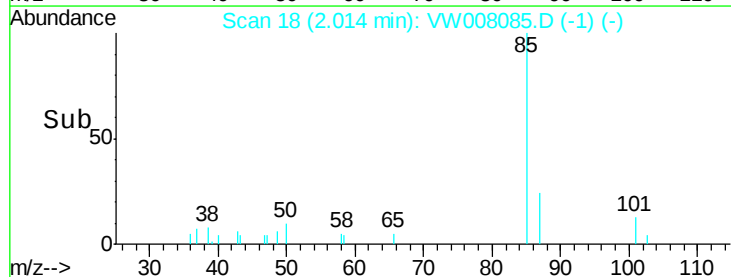
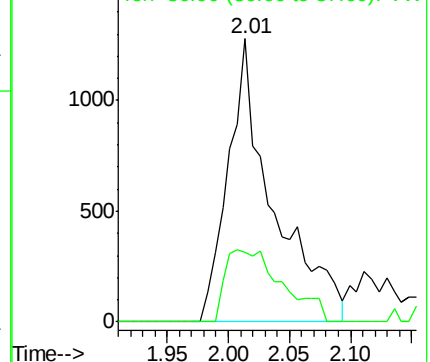
85 100

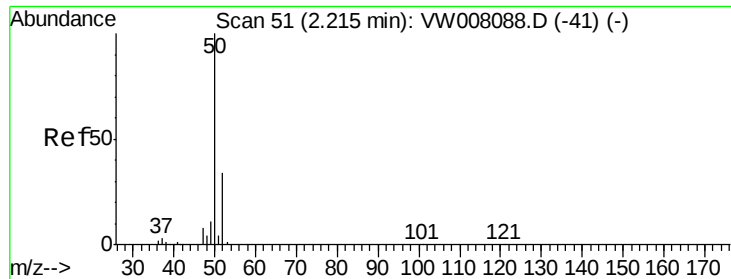
87 24.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 8.077 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

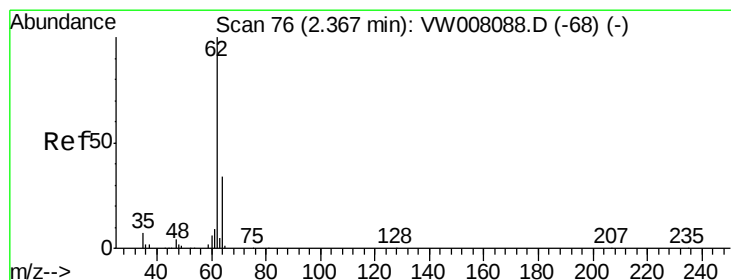
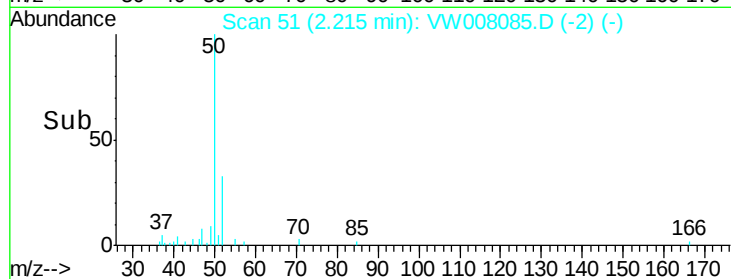
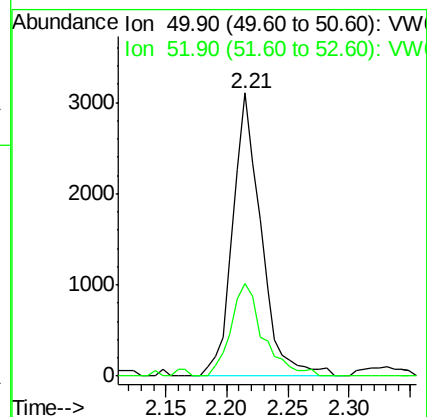
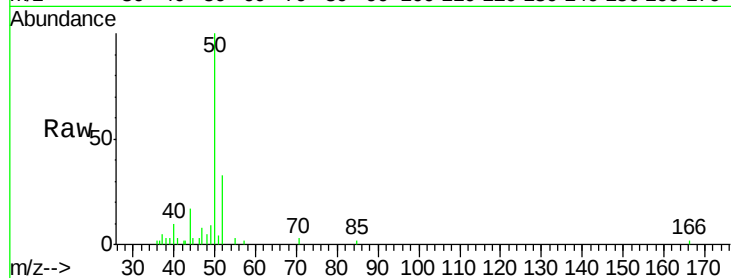
VSTDIC005

Tot Ion: 50 Resp: 4988

Ion Ratio Lower Upper

50 100

52 32.7 26.8 40.2



#4

Vinyl Chloride

Concen: 7.927 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008085.D

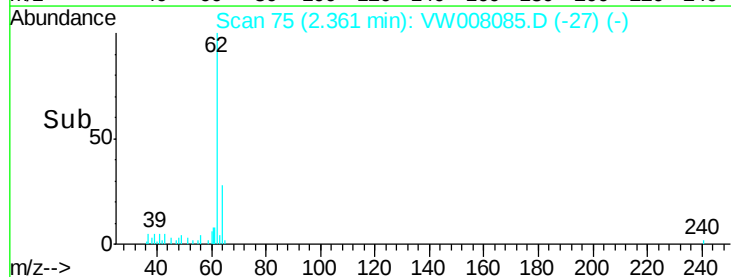
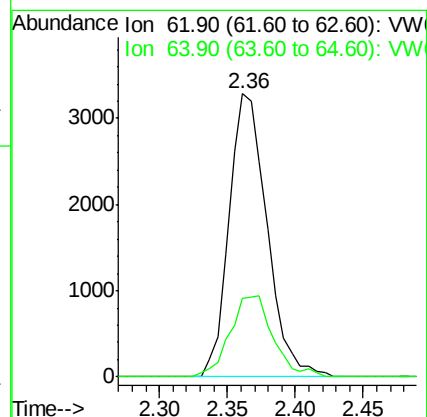
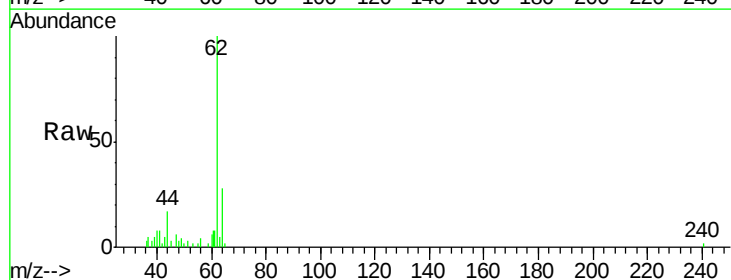
Acq: 08 Jan 2019 14:45

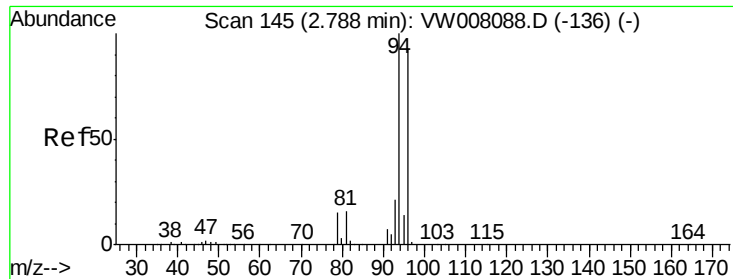
Tgt Ion: 62 Resp: 6367

Ion Ratio Lower Upper

62 100

64 28.0 27.0 40.6





#5

Bromomethane

Concen: 8.280 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

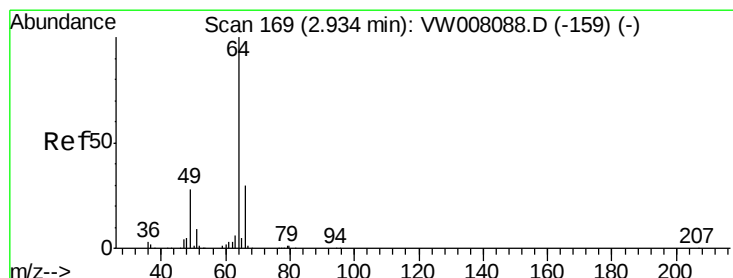
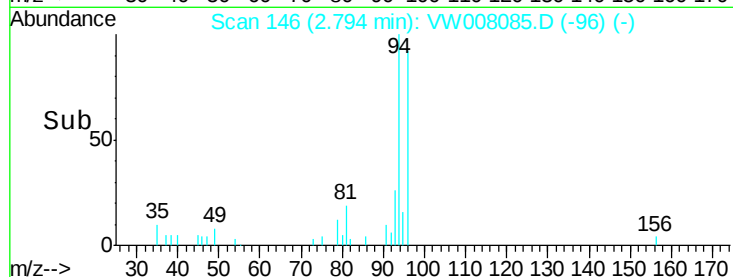
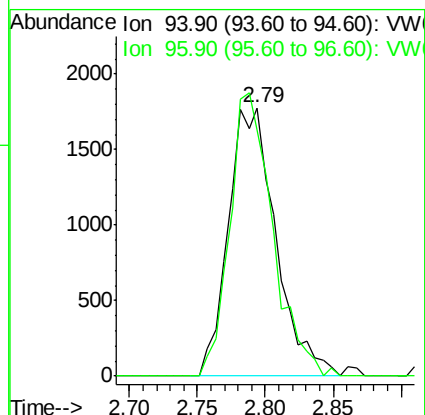
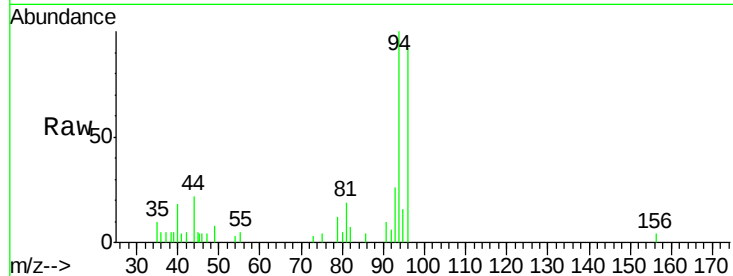
VSTDIC005

Tot Ion: 94 Resp: 4323

Ion Ratio Lower Upper

94 100

96 91.7 74.1 111.1



#6

Chloroethane

Concen: 9.089 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008085.D

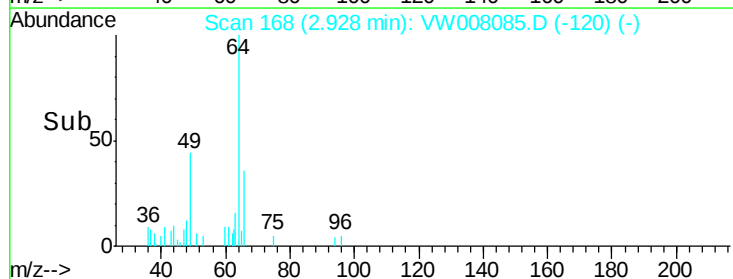
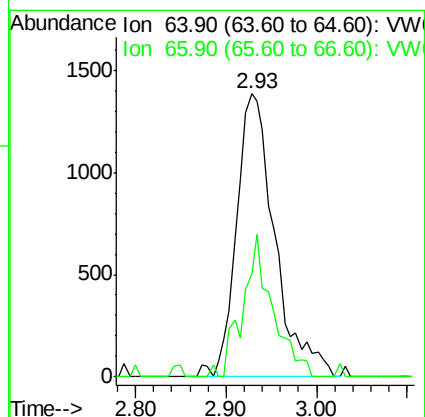
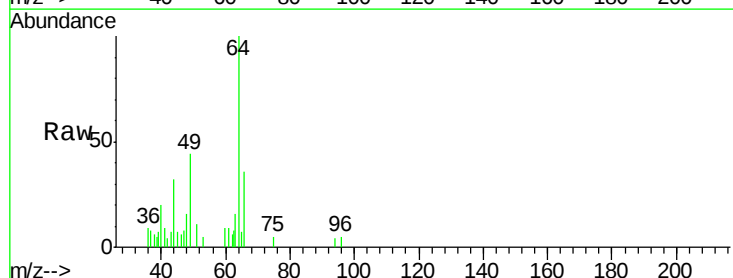
Acq: 08 Jan 2019 14:45

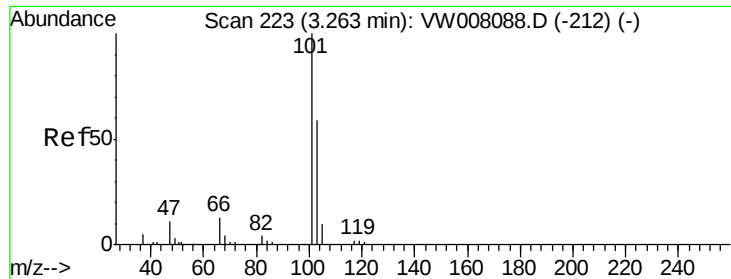
Tgt Ion: 64 Resp: 4055

Ion Ratio Lower Upper

64 100

66 36.2 24.2 36.2



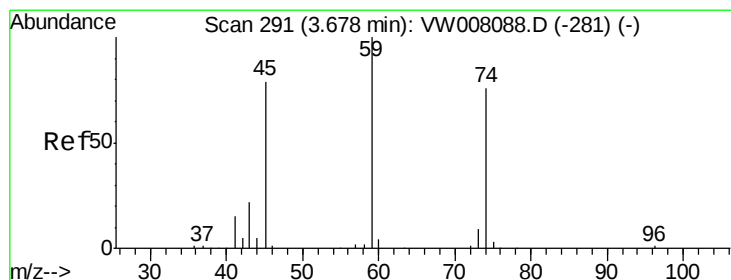
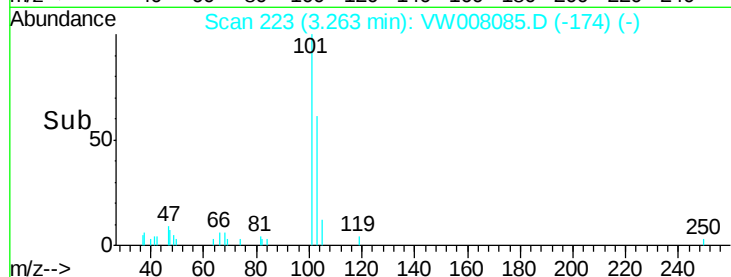
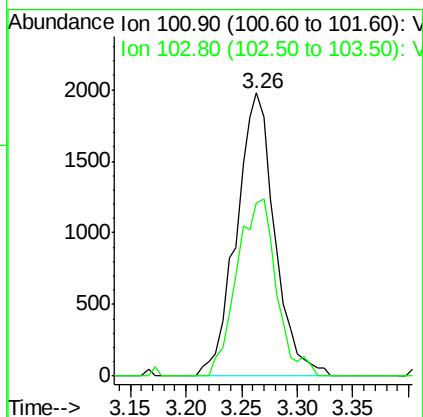
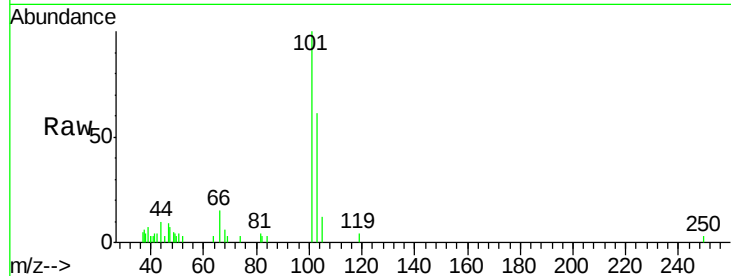


#7

Trichlorofluoromethane
 Concen: 6.118 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

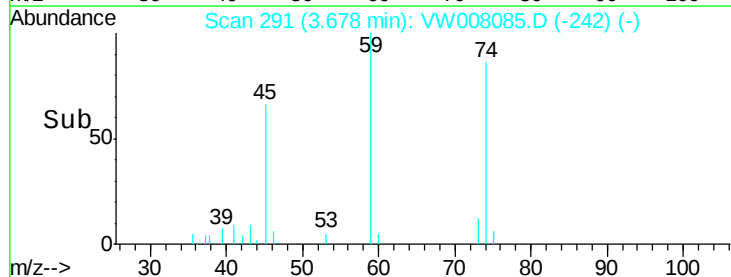
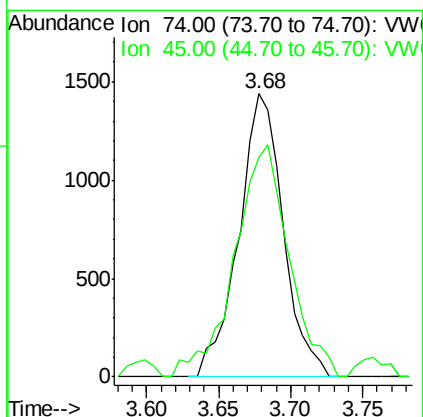
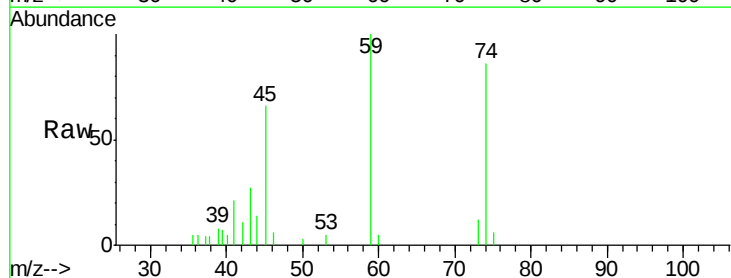
Tot Ion:101 Resp: 4733
 Ion Ratio Lower Upper
 101 100
 103 61.4 47.0 70.6

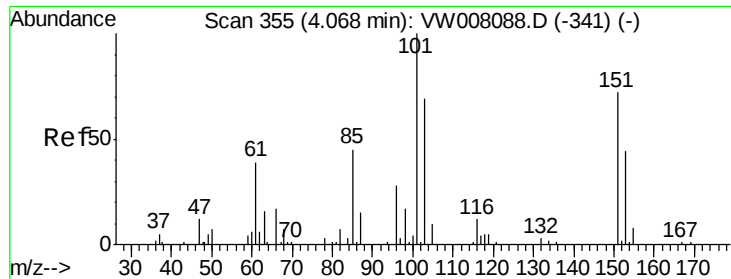


#8

Diethyl Ether
 Concen: 7.581 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 74 Resp: 3075
 Ion Ratio Lower Upper
 74 100
 45 100.6 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.844 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

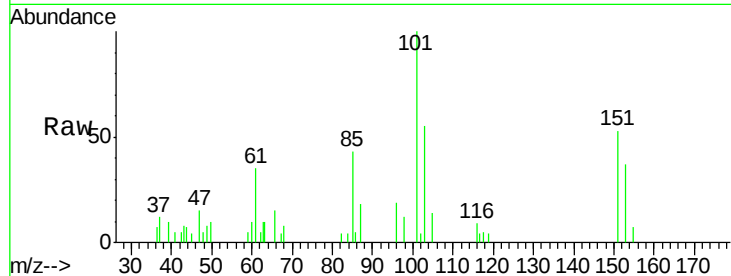
Tot Ion:101 Resp: 5168

Ion Ratio Lower Upper

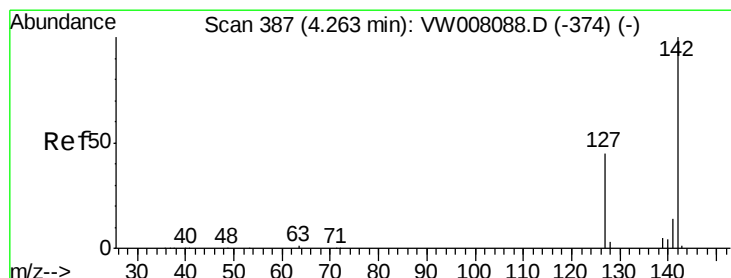
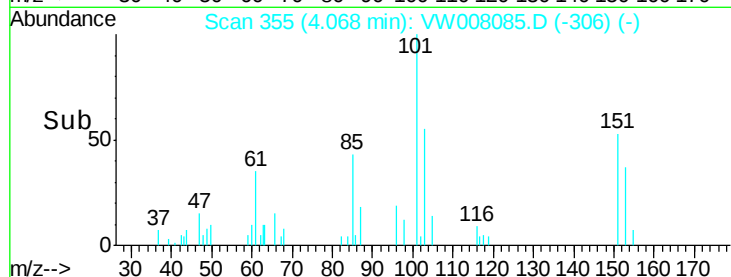
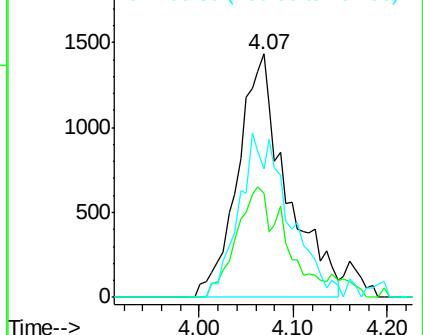
101 100

85 45.5 35.9 53.9

151 34.6 55.8 83.8#



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



#10

Methyl Iodide

Concen: 5.006 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

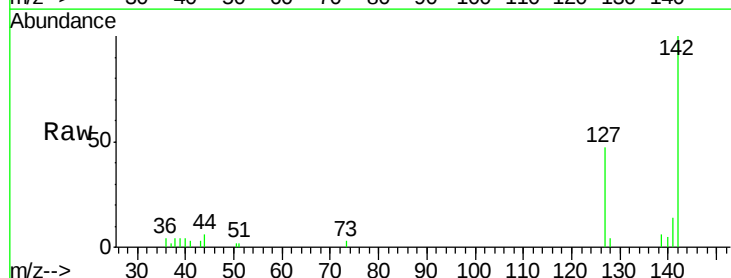
Tgt Ion:142 Resp: 7041

Ion Ratio Lower Upper

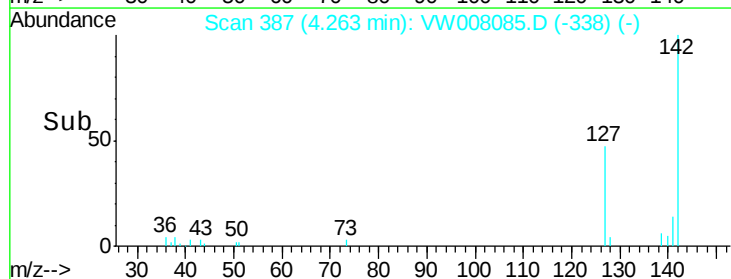
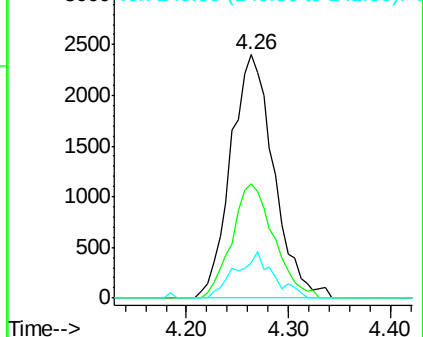
142 100

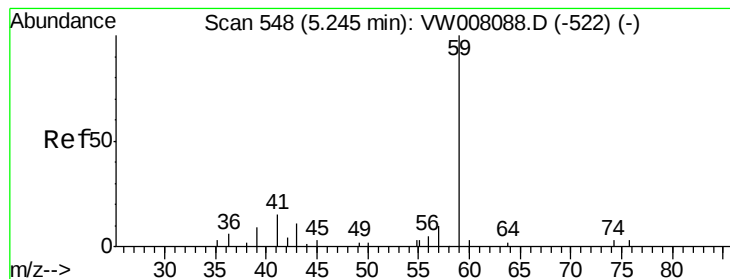
127 45.8 35.0 52.4

141 16.7 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



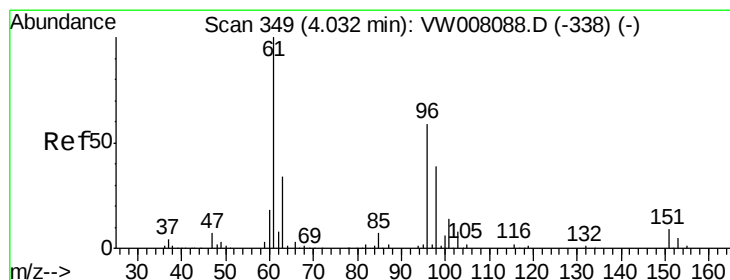
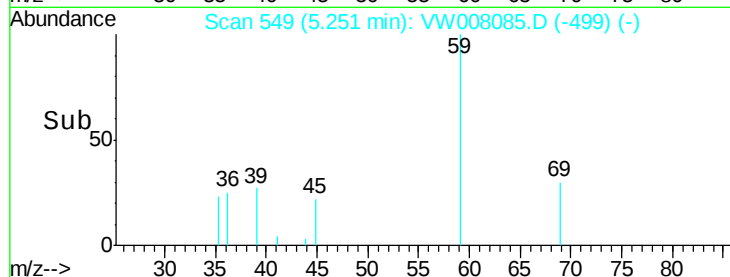
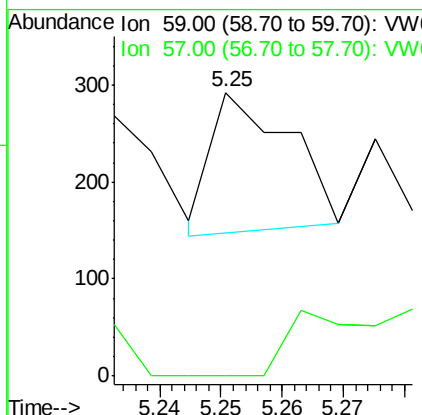
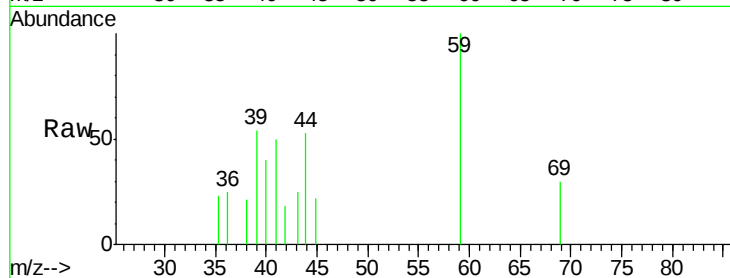


#11

Tert butyl alcohol
 Concen: 2.077 ug/l
 RT: 5.25 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

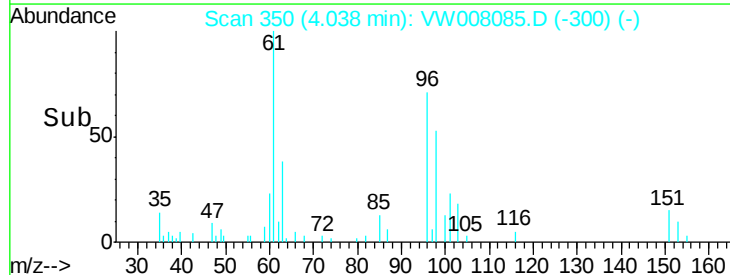
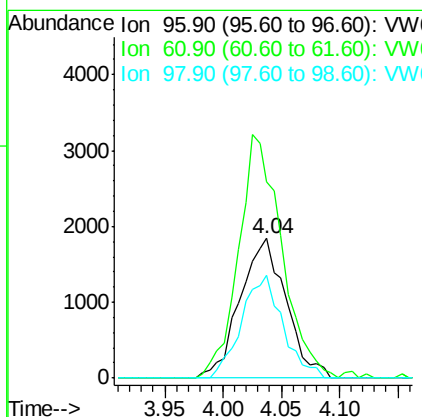
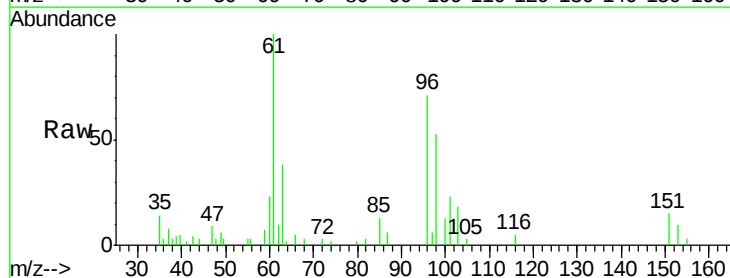
Tot Ion: 59 Resp: 128
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

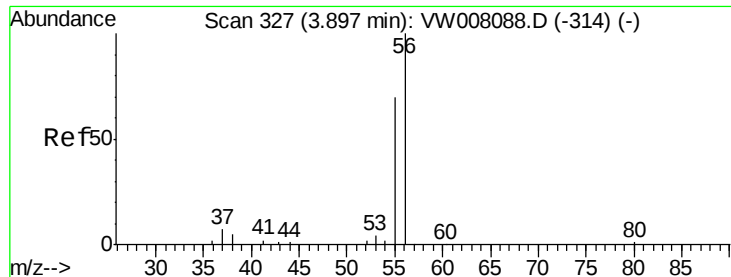


#12

1,1-Dichloroethene
 Concen: 5.906 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 96 Resp: 5053
 Ion Ratio Lower Upper
 96 100
 61 140.5 135.4 203.2
 98 74.0 52.5 78.7





#13

Acrolein

Concen: 23.109 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

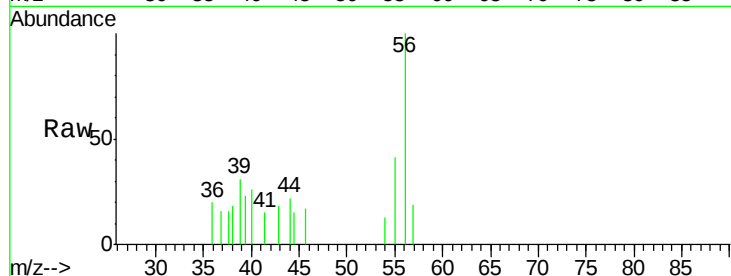
VSTDIC005

Tot Ion: 56 Resp: 1053

Ion Ratio Lower Upper

56 100

55 76.9 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

400

300

200

100

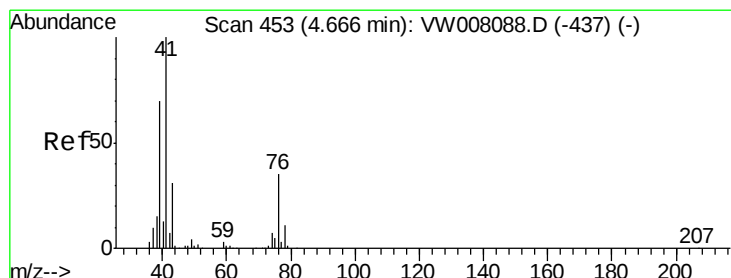
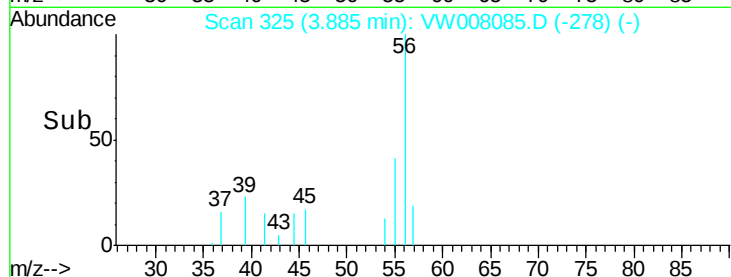
0

3.85

3.90

3.95

Time-->



#14

Allyl chloride

Concen: 6.871 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

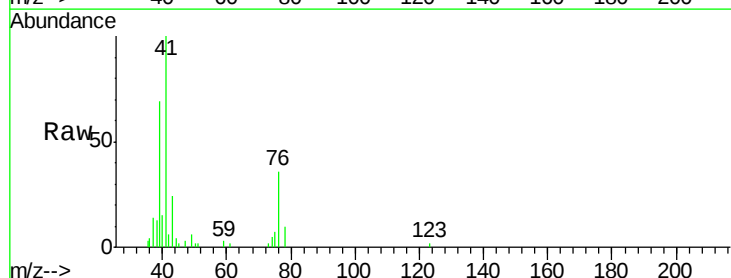
Tgt Ion: 41 Resp: 8442

Ion Ratio Lower Upper

41 100

39 68.5 53.8 80.8

76 35.3 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4000

3000

2000

1000

0

4.55

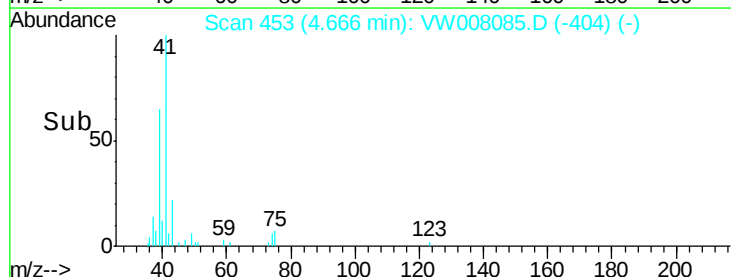
4.60

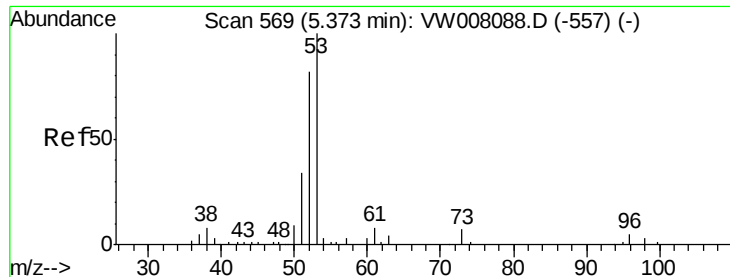
4.65

4.70

4.75

Time-->





#15

Acrylonitrile

Concen: 33.865 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

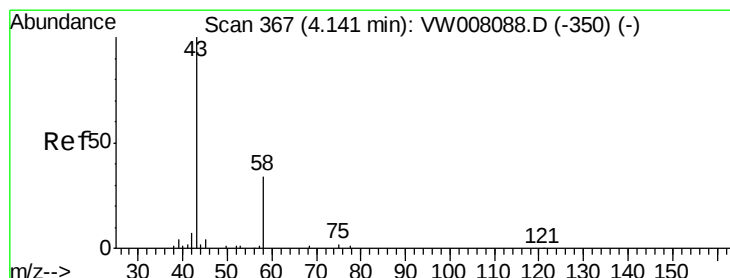
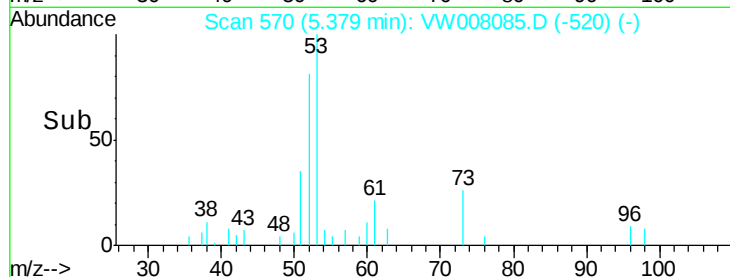
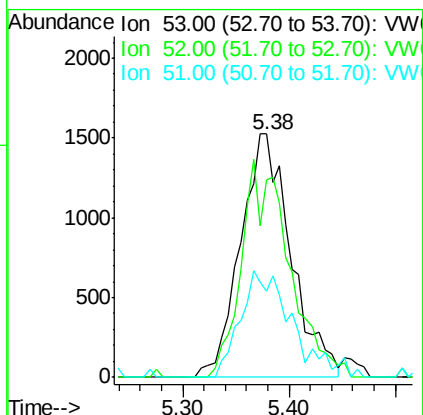
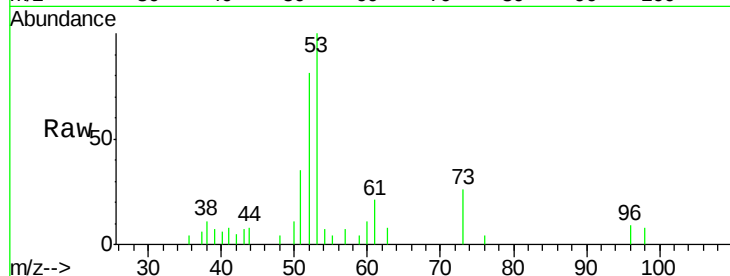
Tot Ion: 53 Resp: 5049

Ion Ratio Lower Upper

53 100

52 36.1 66.8 100.2#

51 45.1 29.7 44.5#



#16

Acetone

Concen: 36.877 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW008085.D

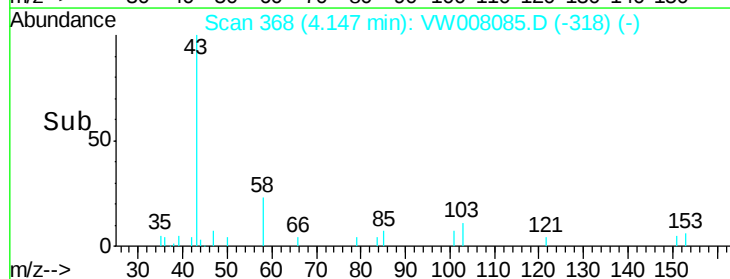
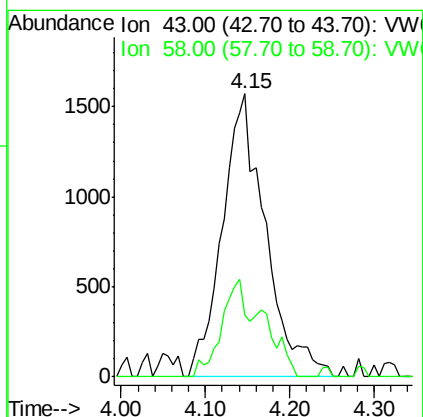
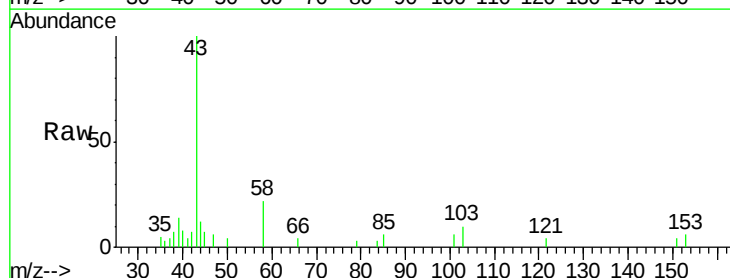
Acq: 08 Jan 2019 14:45

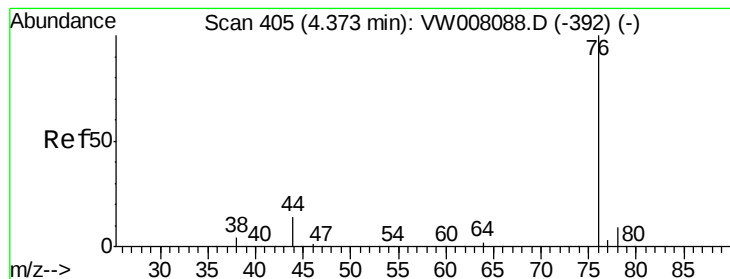
Tgt Ion: 43 Resp: 5517

Ion Ratio Lower Upper

43 100

58 21.9 27.5 41.3#





#17

Carbon Disulfide

Concen: 5.794 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

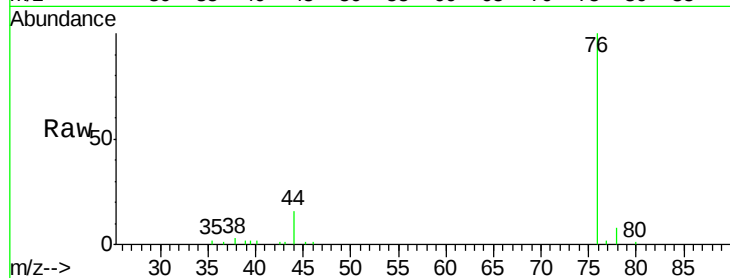
VSTDIC005

Tot Ion: 76 Resp: 15169

Ion Ratio Lower Upper

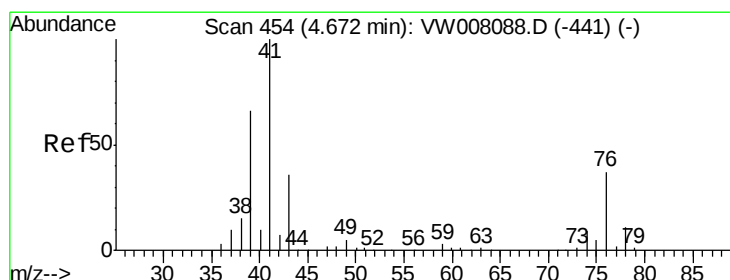
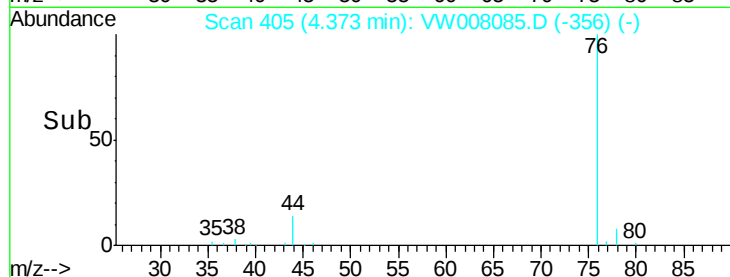
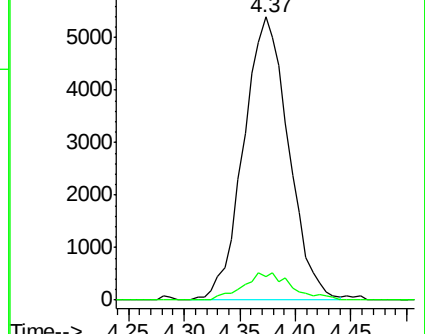
76 100

78 8.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 7.518 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008085.D

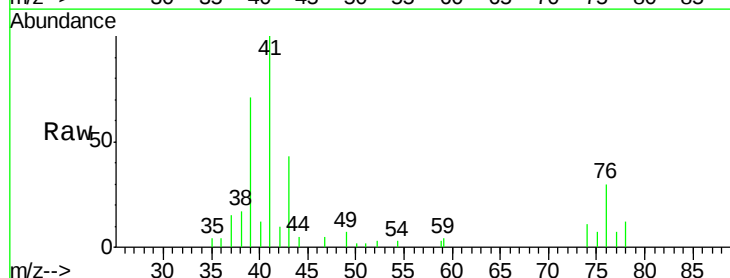
Acq: 08 Jan 2019 14:45

Tgt Ion: 43 Resp: 3081

Ion Ratio Lower Upper

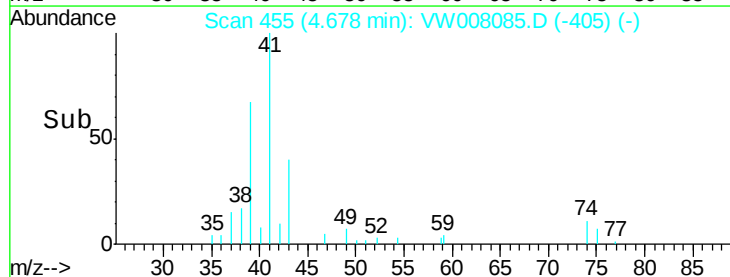
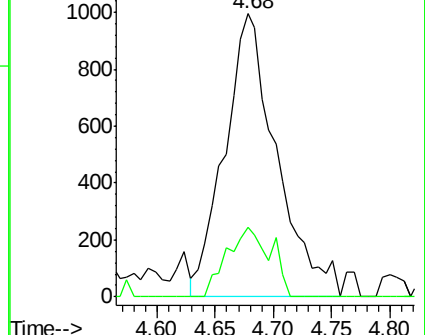
43 100

74 20.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



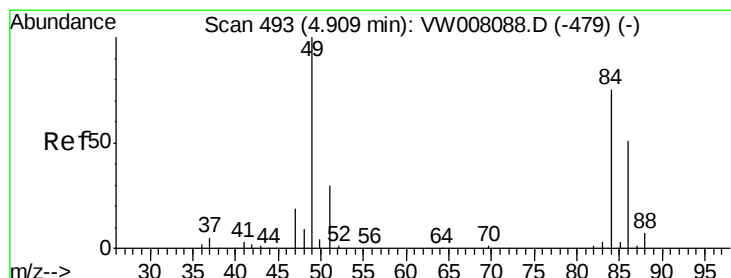
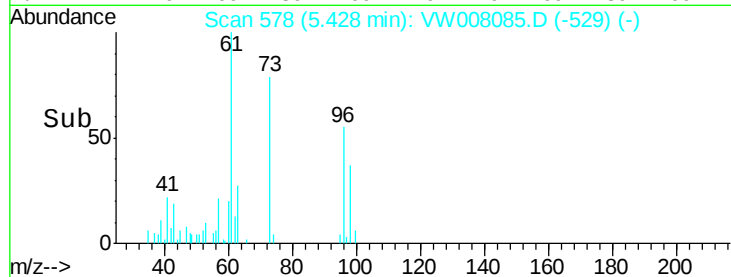
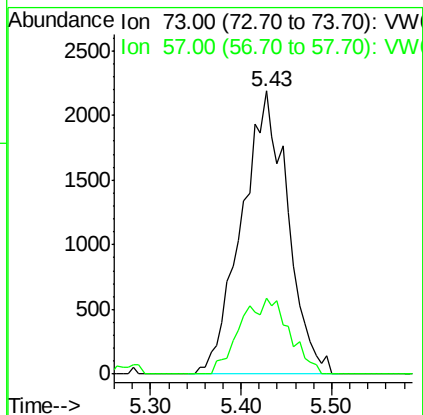
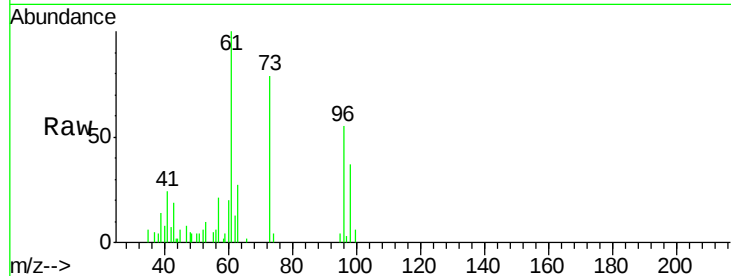


#19

Methyl tert-butyl Ether
 Concen: 5.714 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

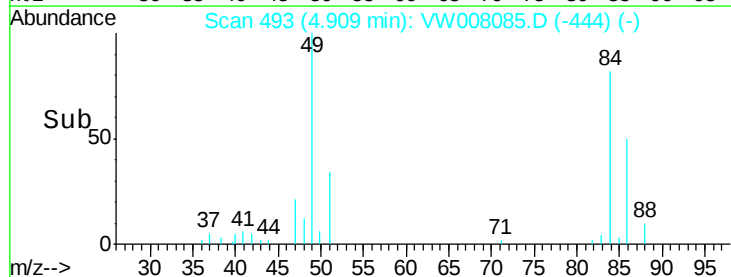
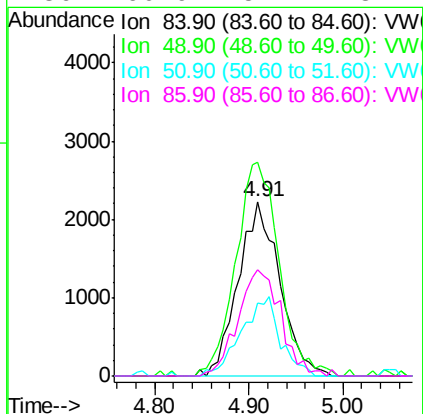
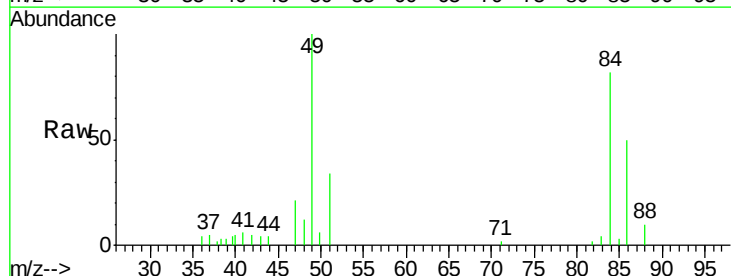
Tot Ion: 73 Resp: 7702
 Ion Ratio Lower Upper
 73 100
 57 26.7 16.7 25.1#

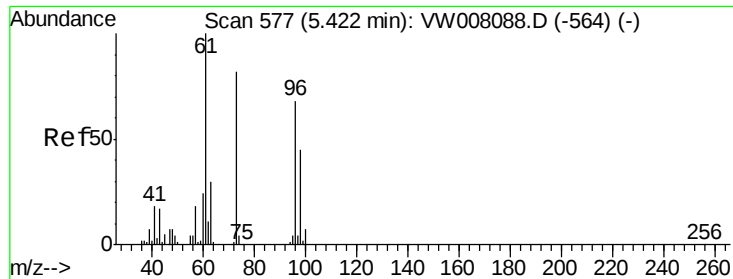


#20

Methylene Chloride
 Concen: 6.862 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 84 Resp: 6889
 Ion Ratio Lower Upper
 84 100
 49 122.3 107.1 160.7
 51 41.6 32.4 48.6
 86 60.9 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 5.573 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

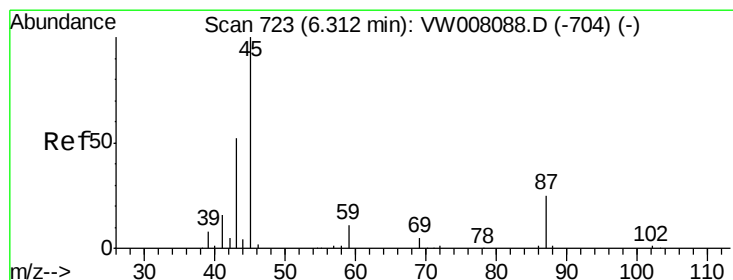
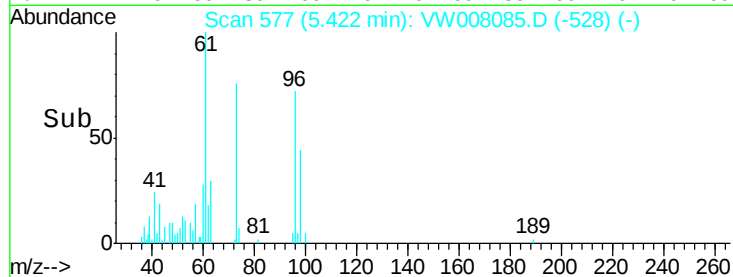
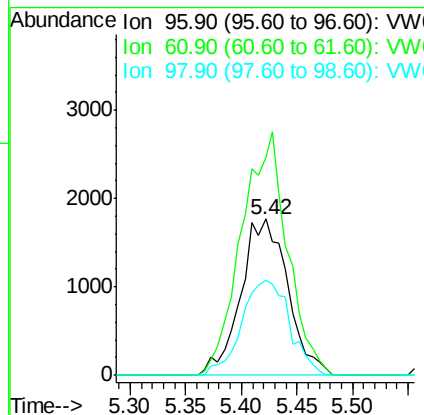
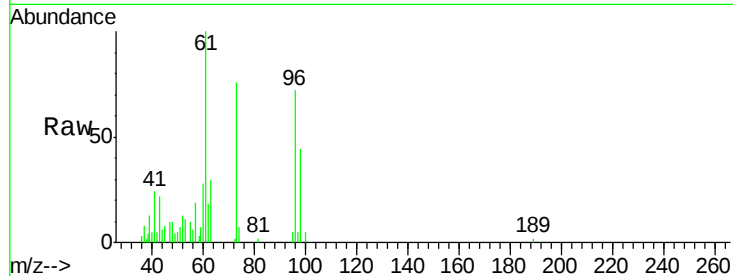
Tot Ion: 96 Resp: 5183

Ion Ratio Lower Upper

96 100

61 139.6 117.4 176.0

98 60.9 52.2 78.4



#22

Diisopropyl ether

Concen: 7.428 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Tgt Ion: 45 Resp: 16516

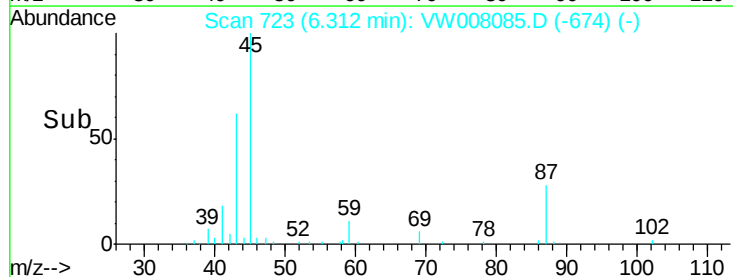
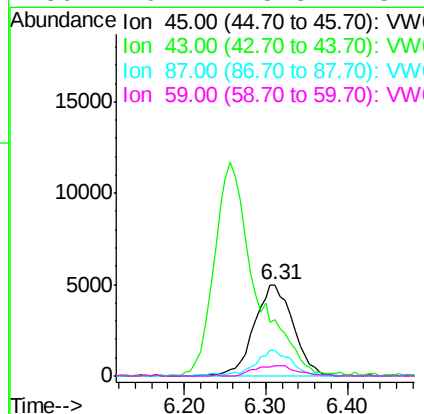
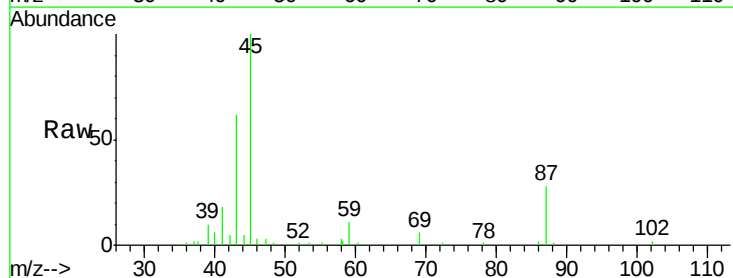
Ion Ratio Lower Upper

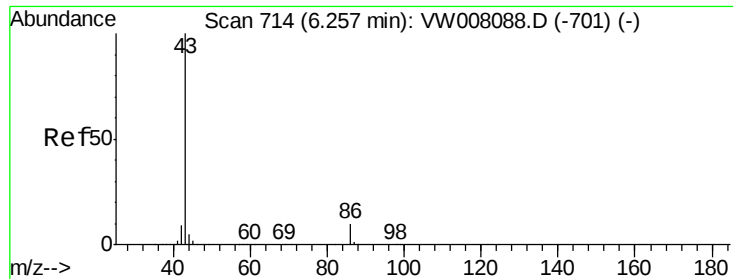
45 100

43 57.5 41.7 62.5

87 28.3 20.1 30.1

59 10.7 8.8 13.2





#23

Vinyl Acetate

Concen: 33.347 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

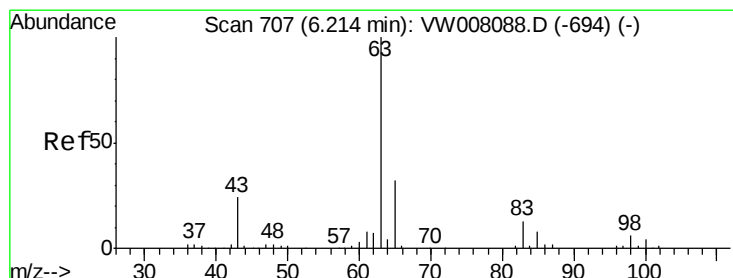
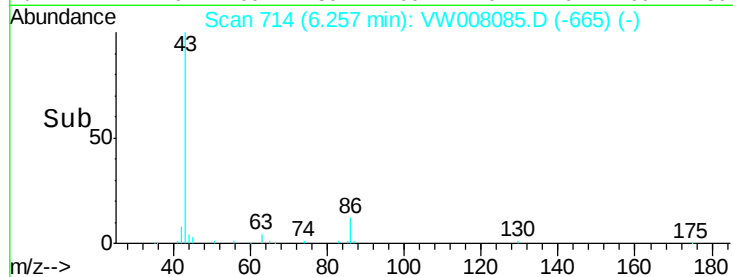
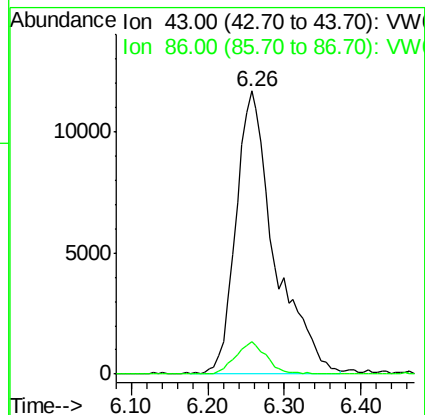
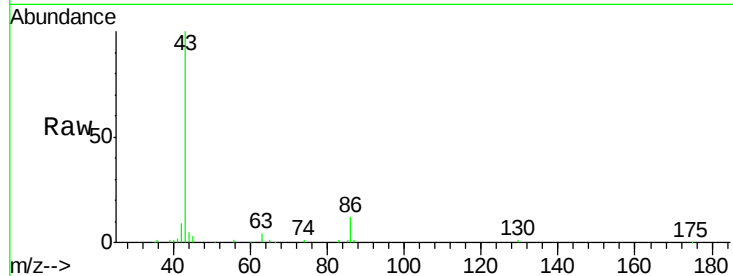
VSTDIC005

Tot Ion: 43 Resp: 40956

Ion Ratio Lower Upper

43 100

86 11.6 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 6.426 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

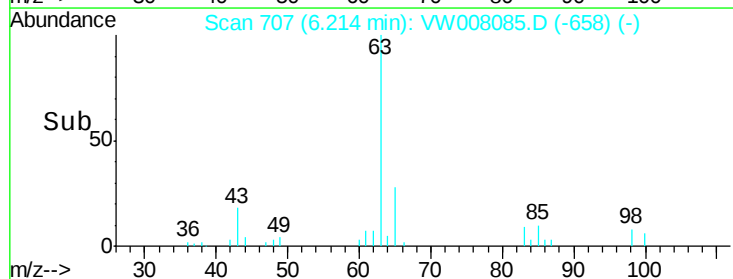
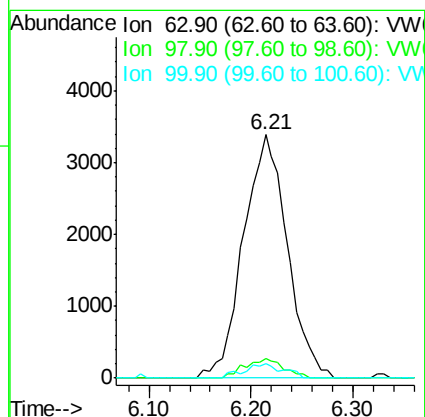
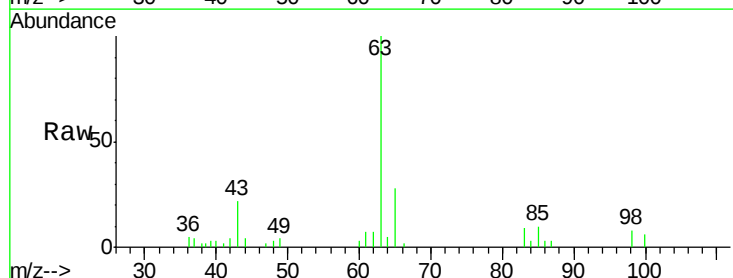
Tgt Ion: 63 Resp: 10087

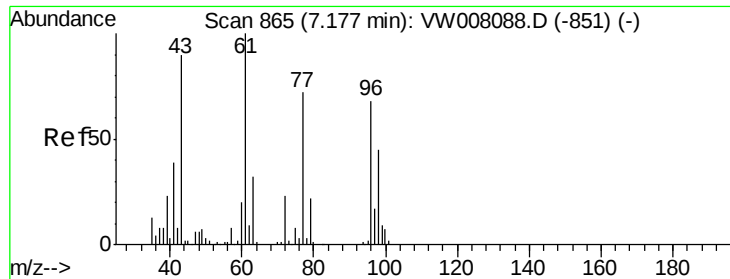
Ion Ratio Lower Upper

63 100

98 8.3 3.2 9.6

100 5.9 2.0 6.0





#25

2-Butanone

Concen: 39.752 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

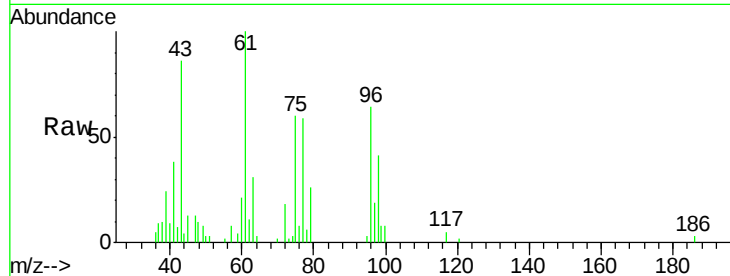
VSTDIC005

Tot Ion: 43 Resp: 7264

Ion Ratio Lower Upper

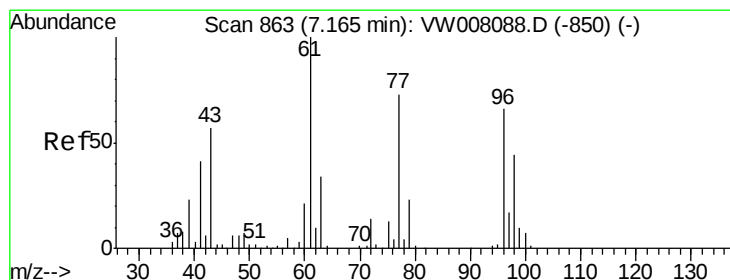
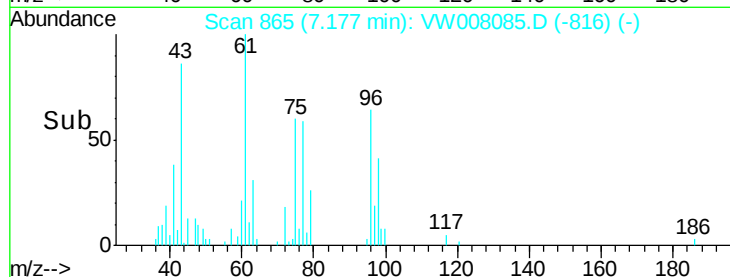
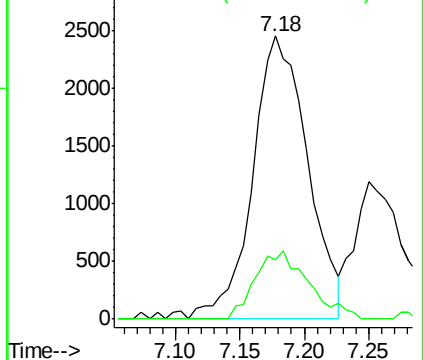
43 100

72 20.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.523 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008085.D

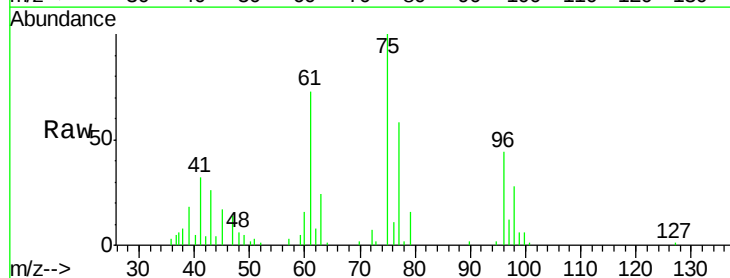
Acq: 08 Jan 2019 14:45

Tgt Ion: 77 Resp: 6911

Ion Ratio Lower Upper

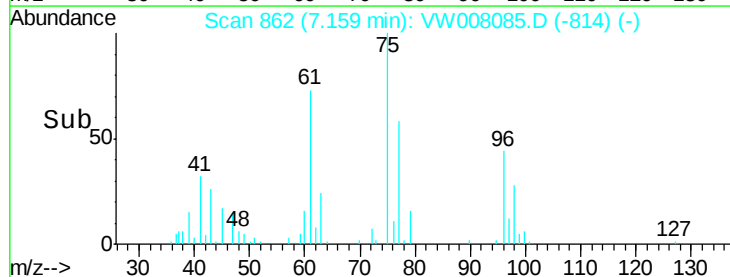
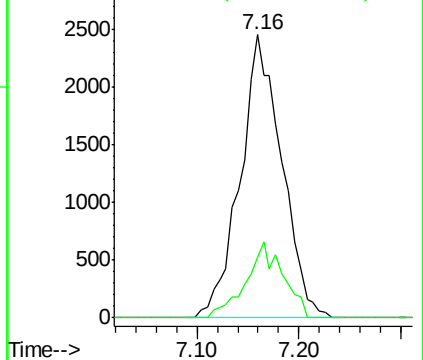
77 100

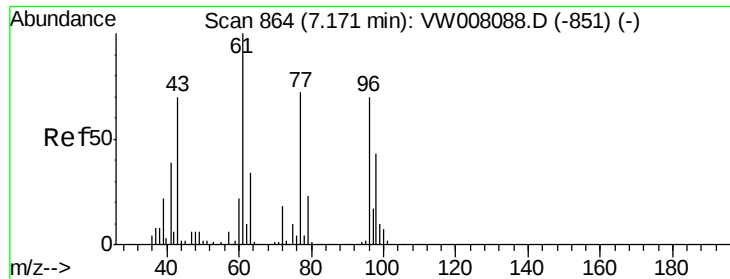
97 23.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



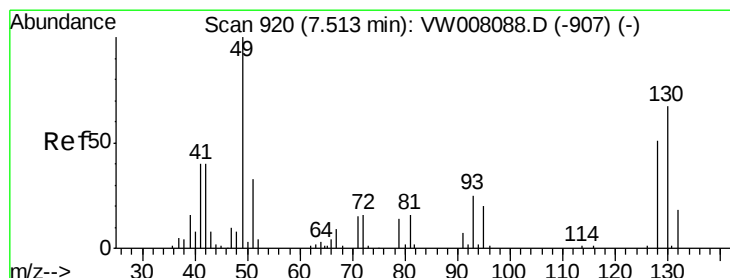
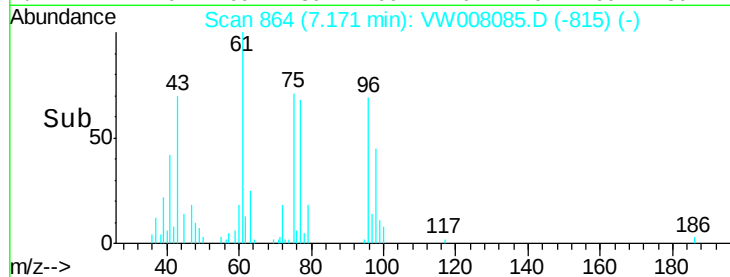
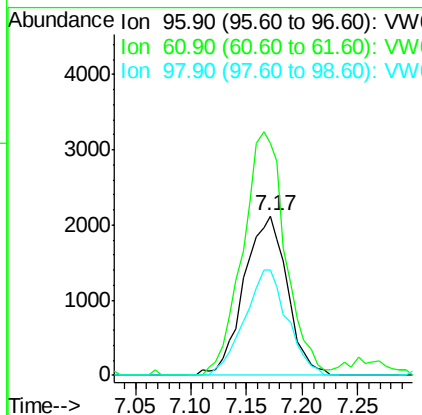
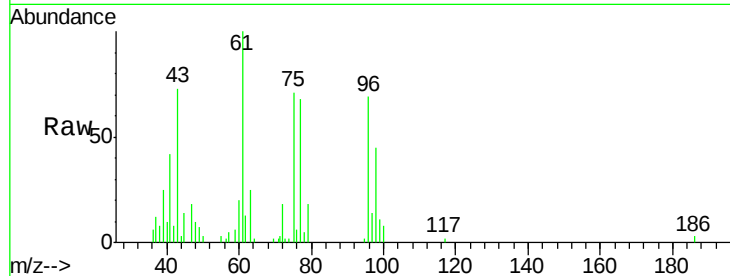


#27

cis-1,2-Dichloroethene
Concen: 5.765 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

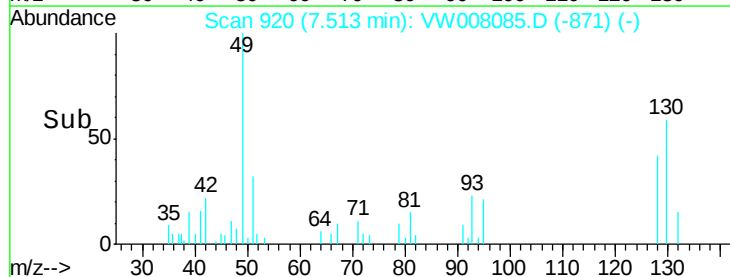
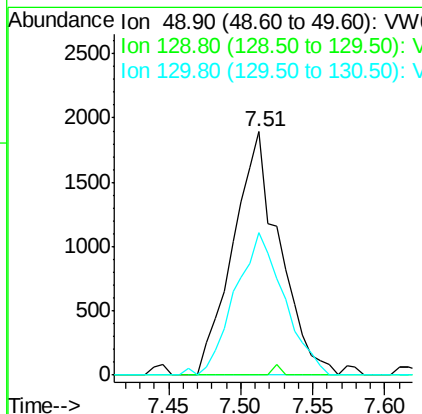
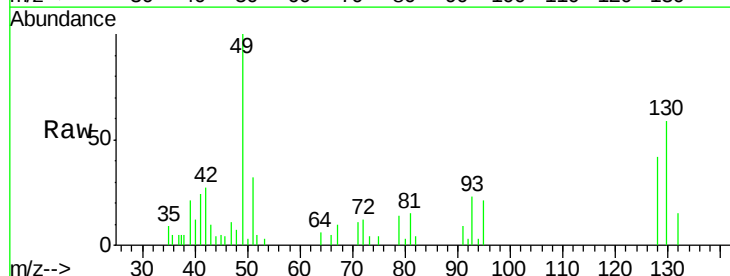
Tot Ion: 96 Resp: 5726
Ion Ratio Lower Upper
96 100
61 150.8 0.0 300.4
98 65.4 0.0 128.4

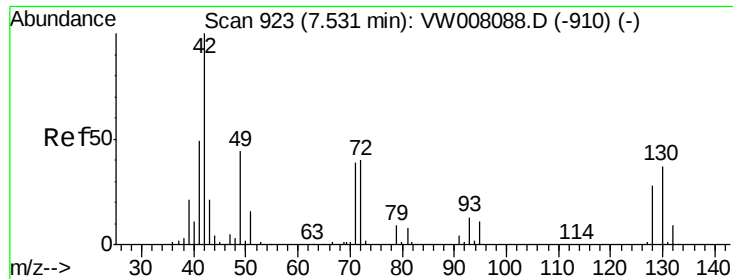


#28

Bromochloromethane
Concen: 7.963 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 49 Resp: 4249
Ion Ratio Lower Upper
49 100
129 0.7 0.0 2.8
130 61.7 54.3 81.5

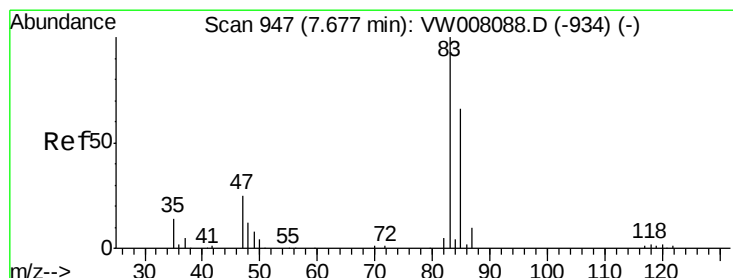
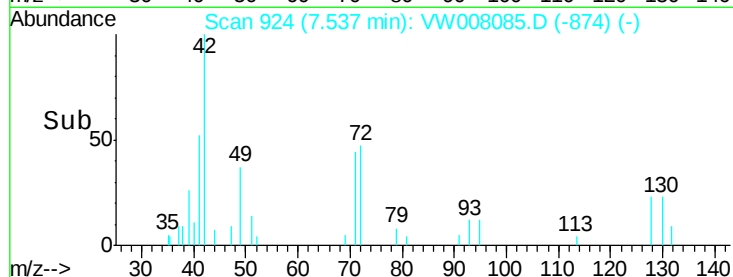
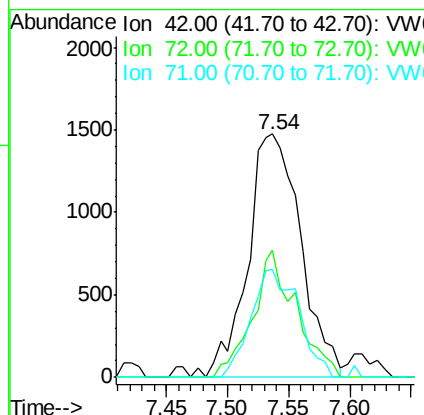
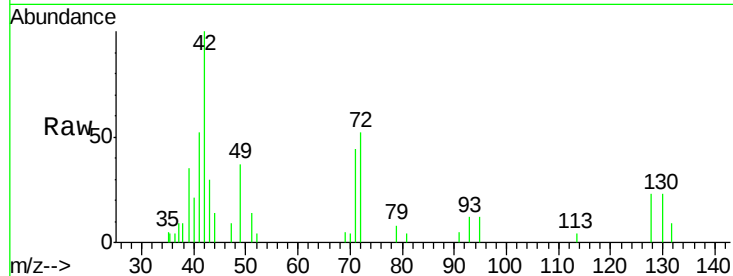




#29
Tetrahydrofuran
Concen: 38.316 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

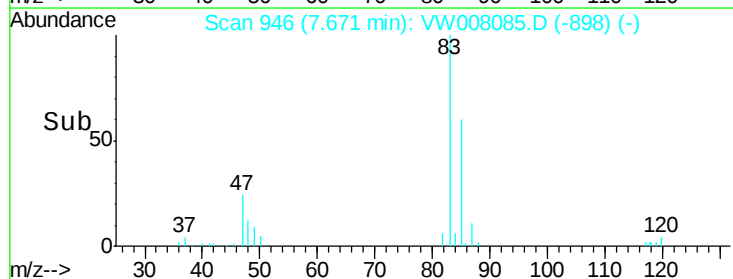
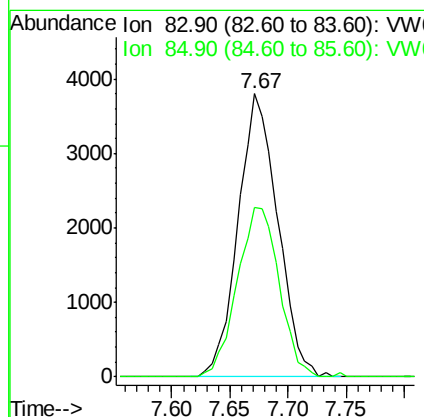
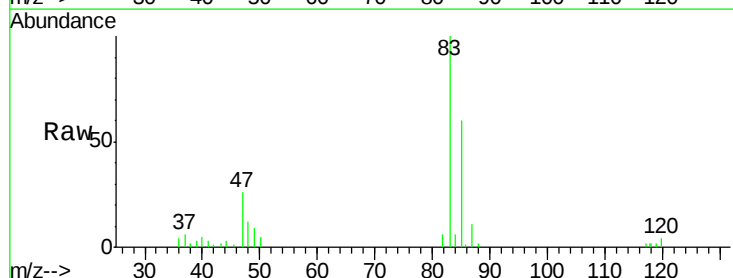
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

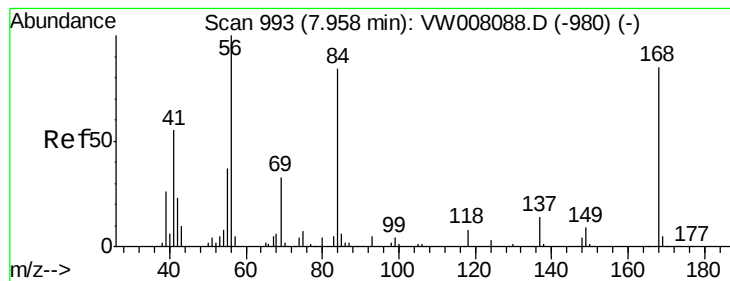
Tot Ion: 42 Resp: 4452
Ion Ratio Lower Upper
42 100
72 42.6 32.4 48.6
71 39.8 31.3 46.9



#30
Chloroform
Concen: 5.251 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 83 Resp: 9011
Ion Ratio Lower Upper
83 100
85 59.8 53.2 79.8





#31

Cyclohexane

Concen: 8.005 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

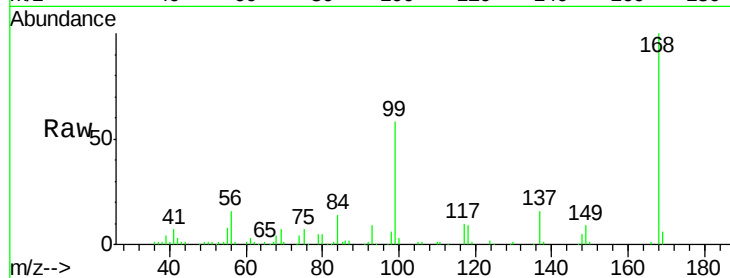
Tot Ion: 56 Resp: 12066

Ion Ratio Lower Upper

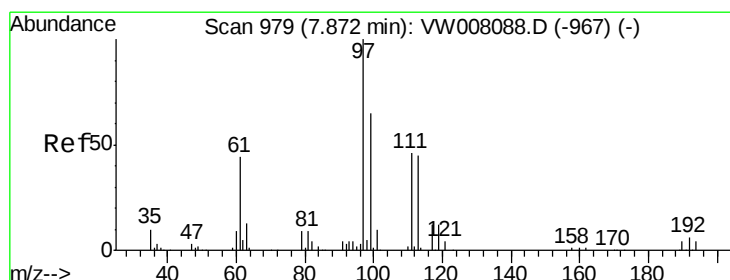
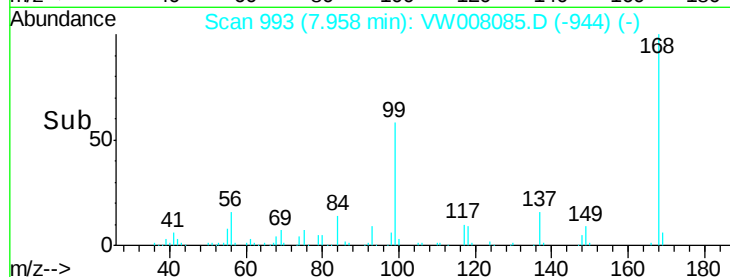
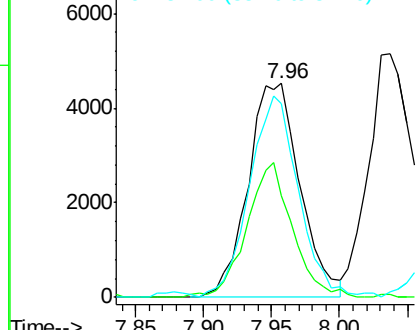
56 100

69 46.6 26.2 39.4#

84 89.1 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: 4.955 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

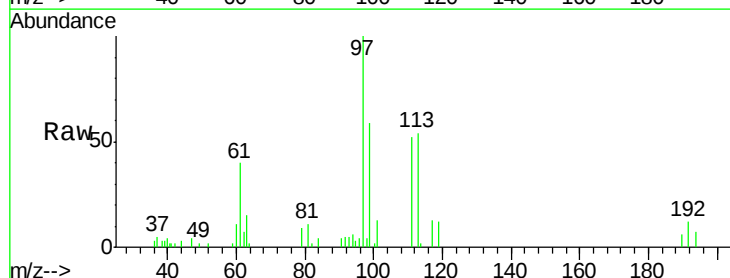
Tgt Ion: 97 Resp: 7991

Ion Ratio Lower Upper

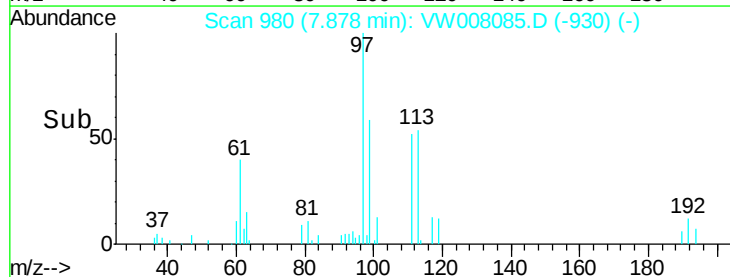
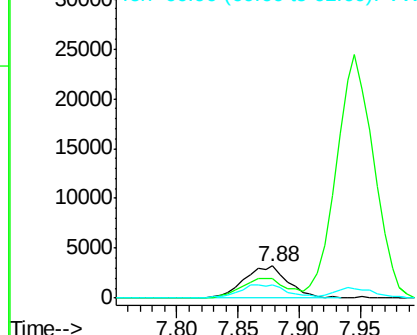
97 100

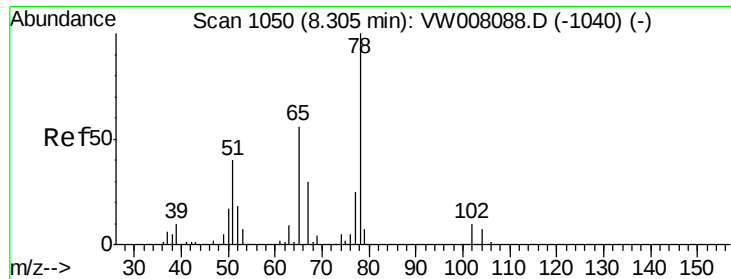
99 64.4 51.4 77.0

61 46.4 35.6 53.4



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

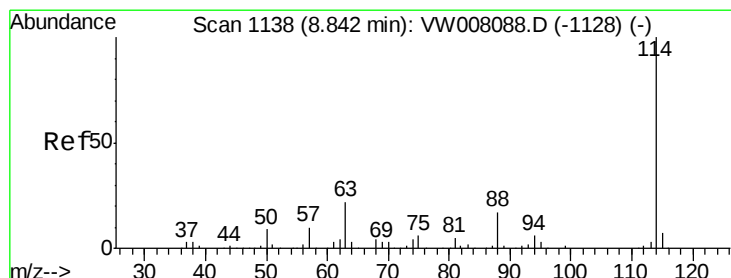
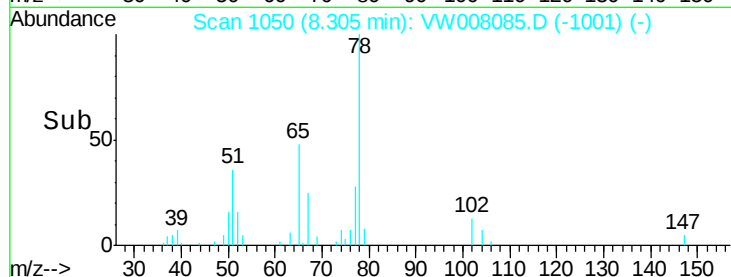
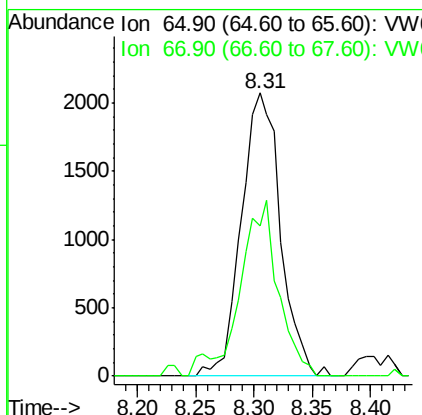
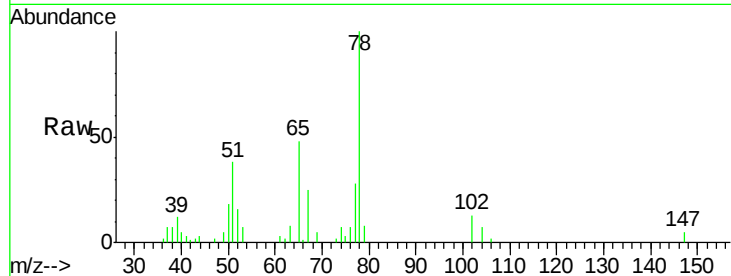




#33
 1,2-Dichloroethane-d4
 Concen: 5.176 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

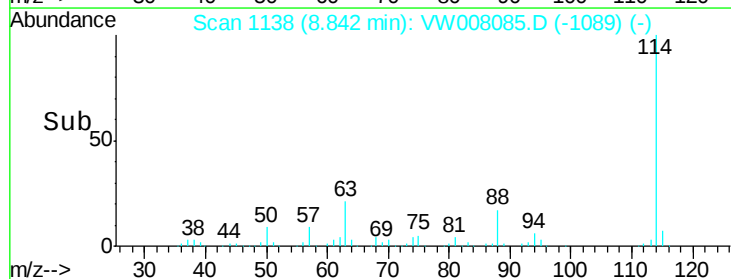
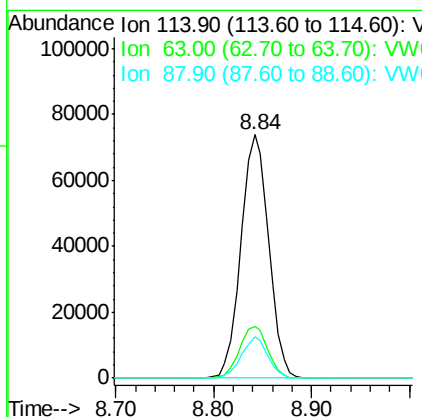
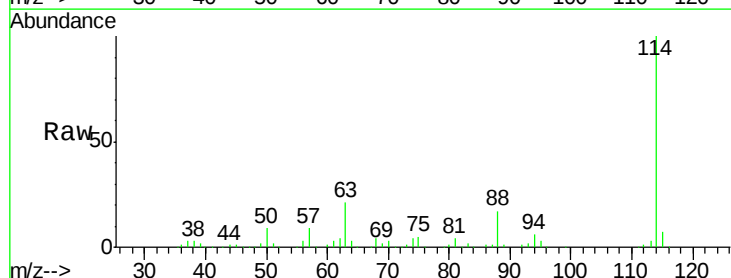
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

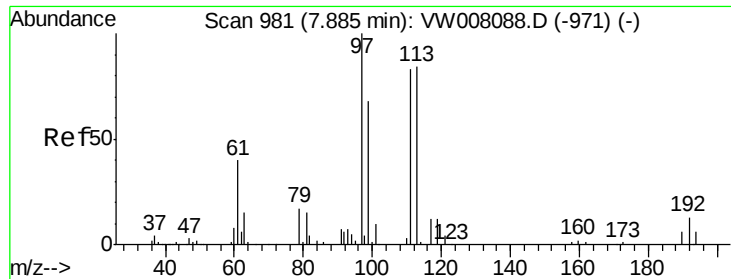
Tot Ion: 65 Resp: 4866
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 114 Resp: 145424
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 16.8 0.0 33.4

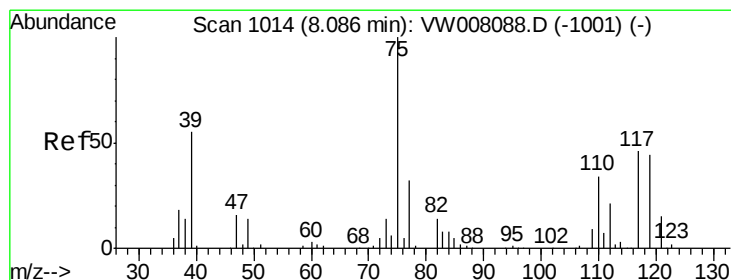
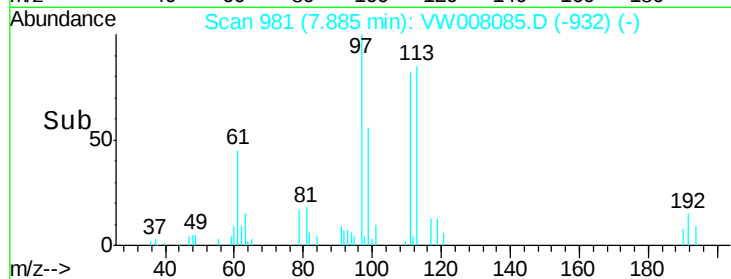
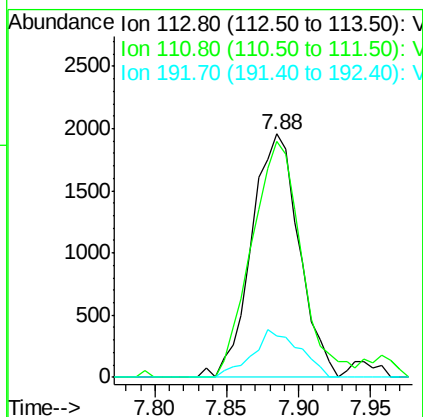
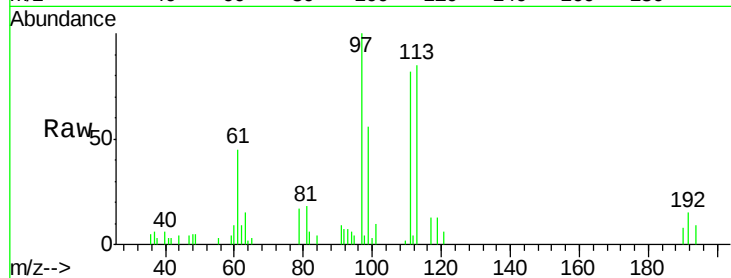




#35
 Dibromofluoromethane
 Concen: 4.941 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

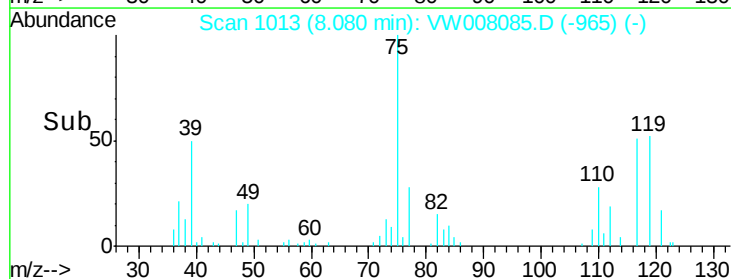
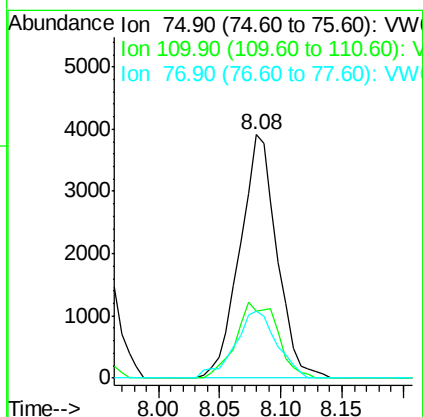
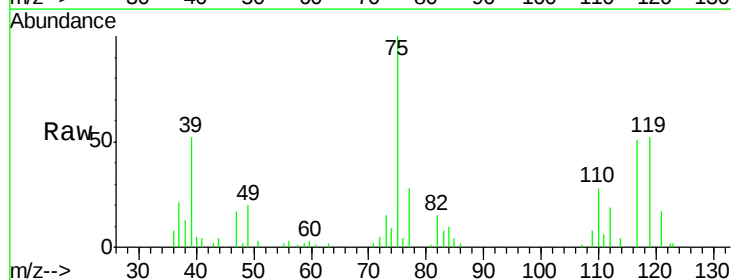
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

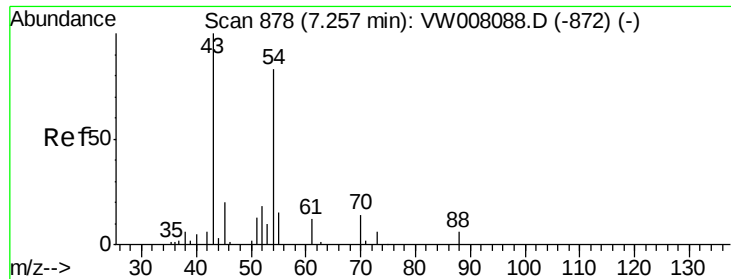
Tot Ion:113 Resp: 4455
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 19.3 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 5.780 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 75 Resp: 8229
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.1 51.3
 77 30.8 25.5 38.3

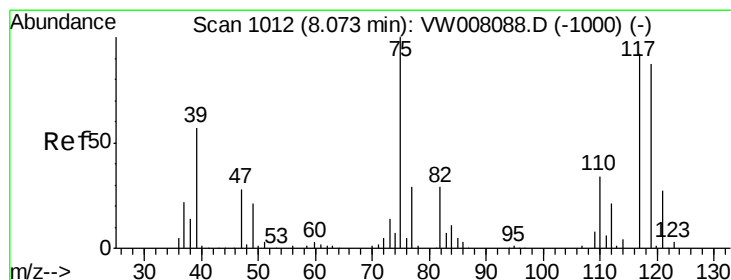
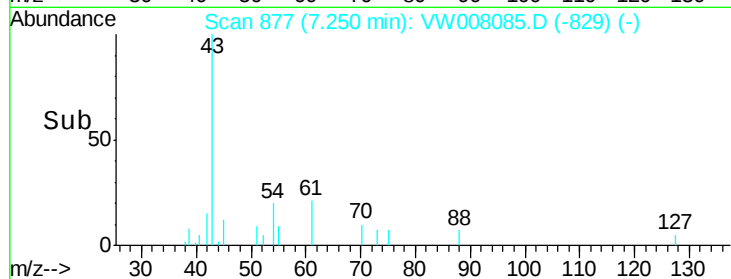
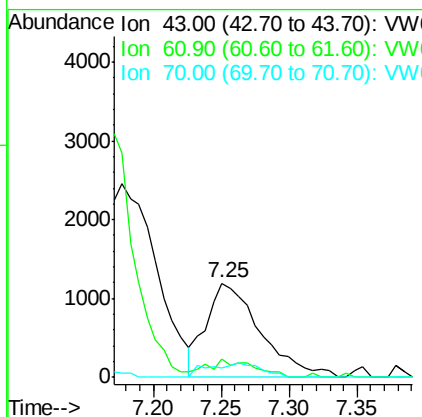
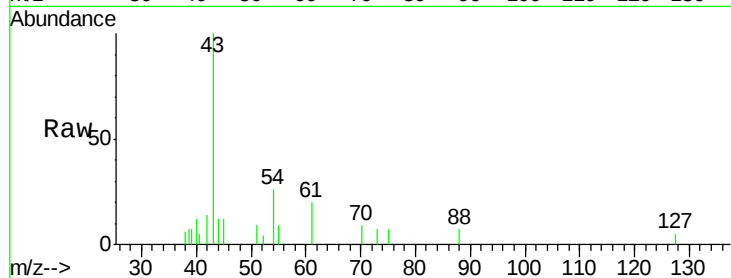




#37
Ethyl Acetate
Concen: 7.279 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

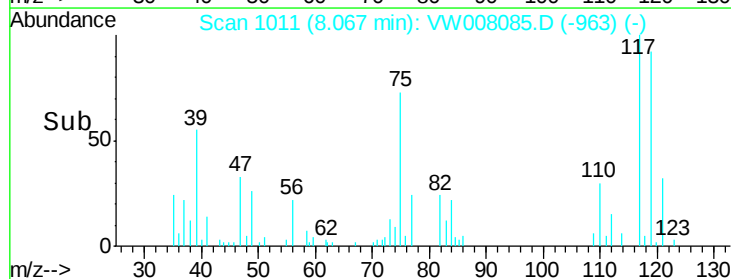
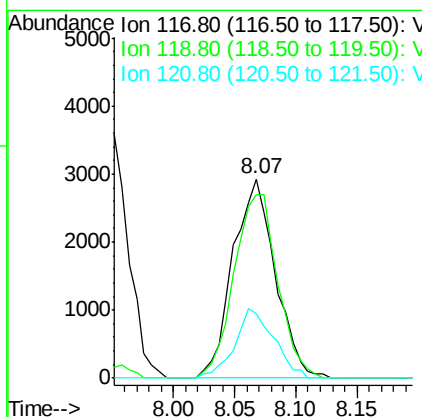
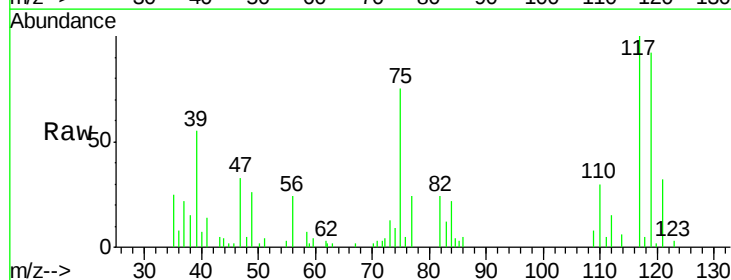
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

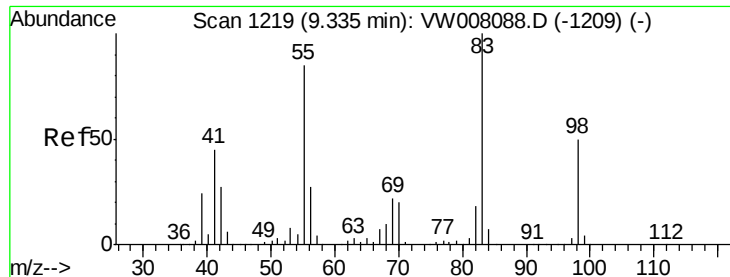
Tot Ion: 43 Resp: 3305
Ion Ratio Lower Upper
43 100
61 16.7 10.6 16.0#
70 9.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 4.299 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 117 Resp: 7046
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.8
121 32.4 23.7 35.5

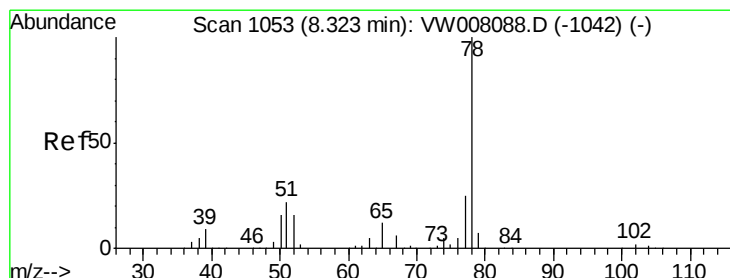
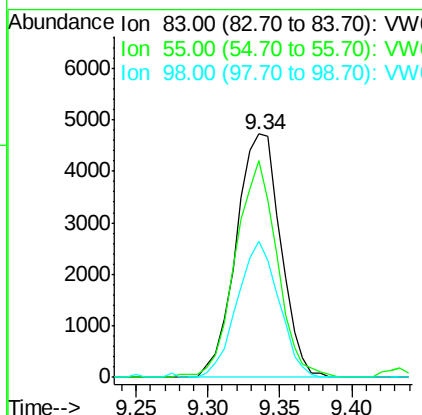
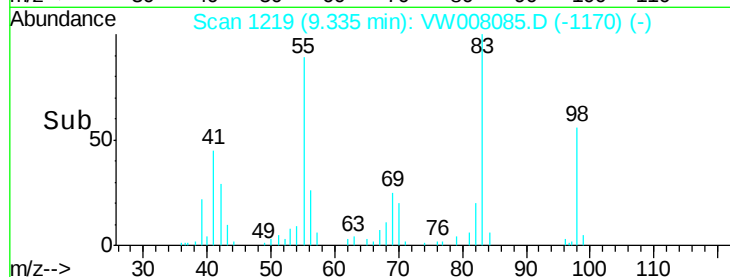
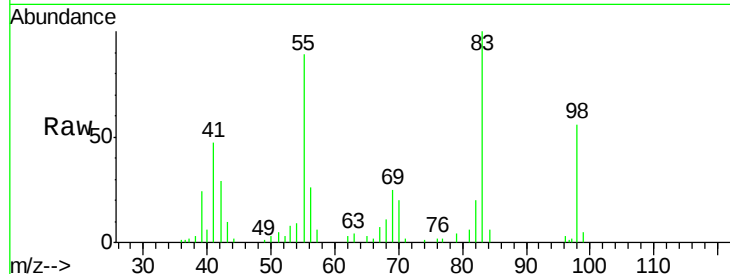




#39
Methvlcvclohexane
Concen: 5.673 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

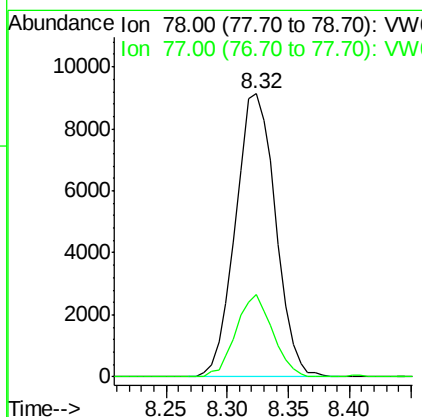
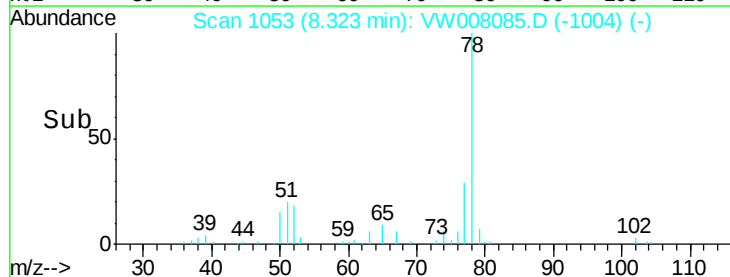
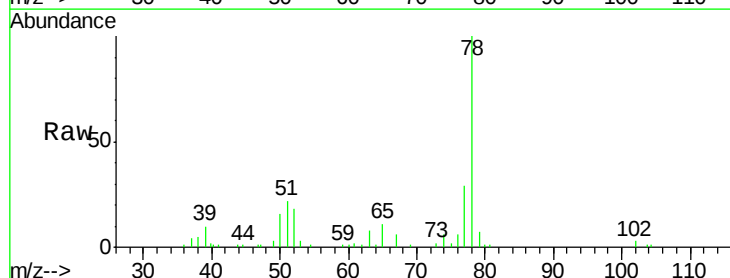
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

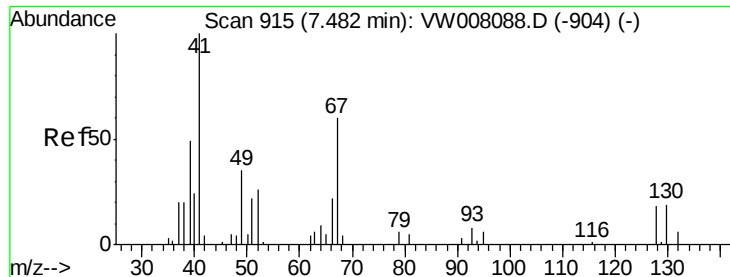
Tot Ion: 83 Resp: 10123
Ion Ratio Lower Upper
83 100
55 89.0 67.8 101.6
98 55.8 40.2 60.4



#40
Benzene
Concen: 5.490 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 78 Resp: 20780
Ion Ratio Lower Upper
78 100
77 29.2 20.2 30.4

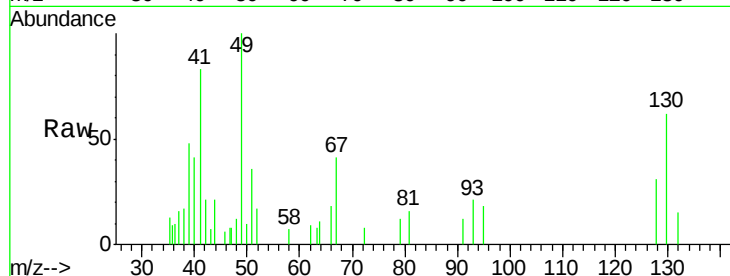




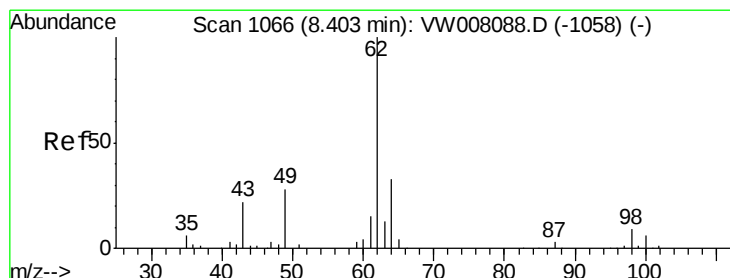
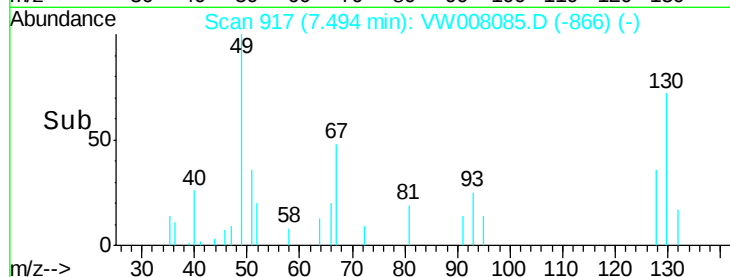
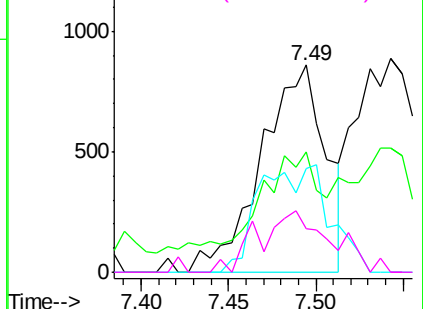
#41
Methacrylonitrile
Concen: 8.483 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 41 Resp: 2209
Ion Ratio Lower Upper
41 100
39 45.6 47.9 71.9#
67 32.1 56.3 84.5#
52 25.7 24.5 36.7

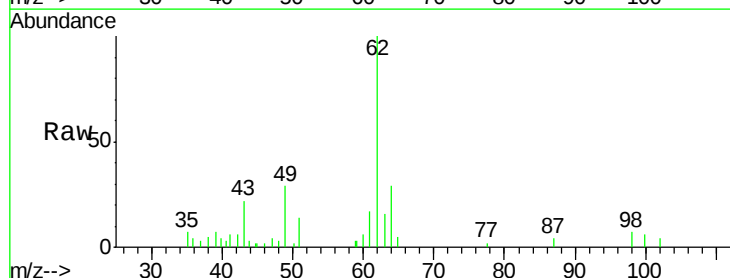


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

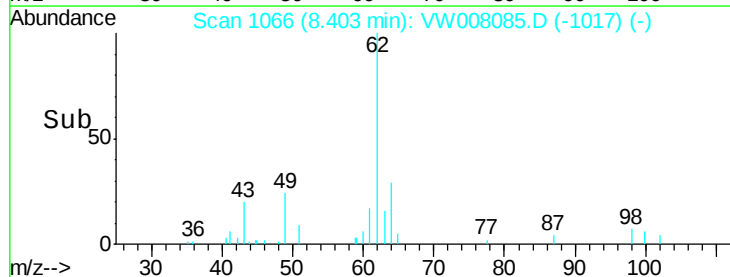
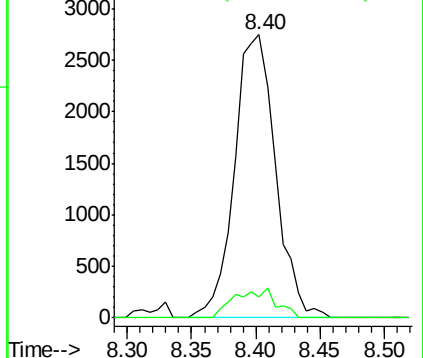


#42
1,2-Dichloroethane
Concen: 4.962 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 62 Resp: 6084
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 6.495 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

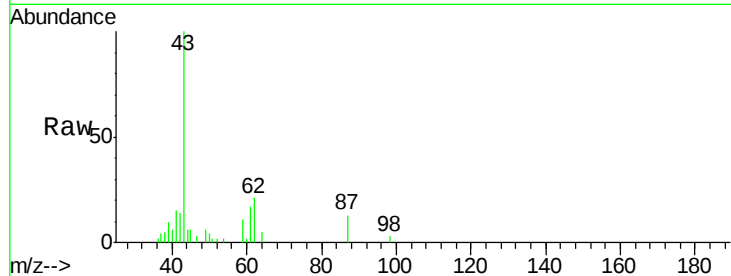
Tot Ion: 43 Resp: 5828

Ion Ratio Lower Upper

43 100

61 31.6 24.8 37.2

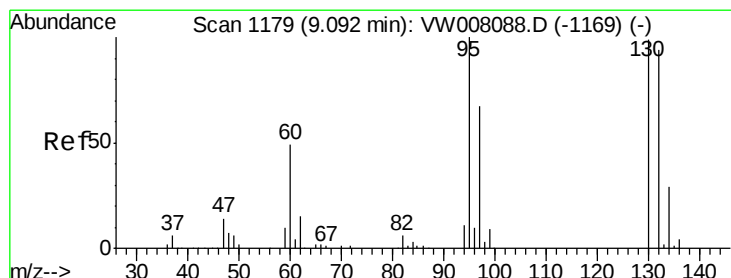
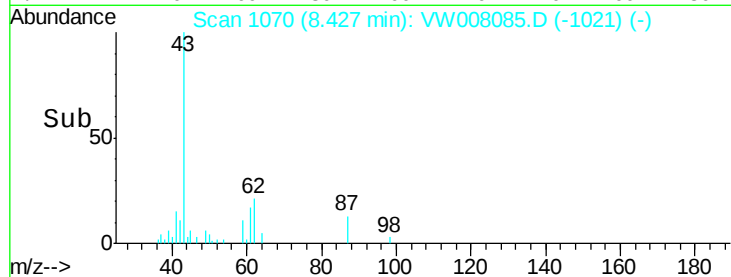
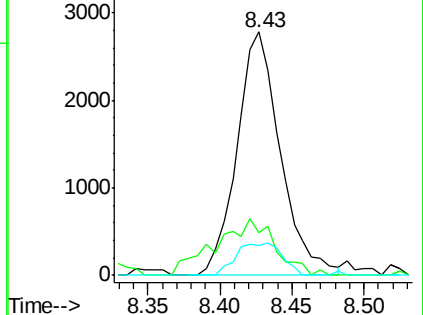
87 14.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.981 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008085.D

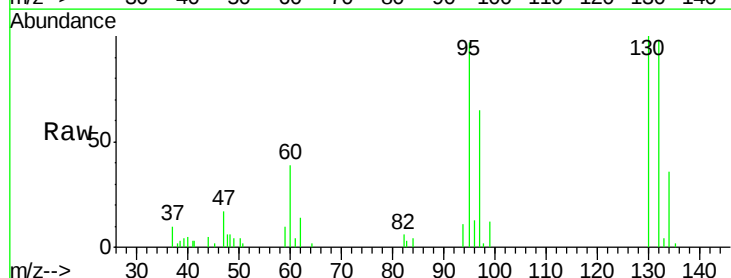
Acq: 08 Jan 2019 14:45

Tgt Ion: 130 Resp: 5421

Ion Ratio Lower Upper

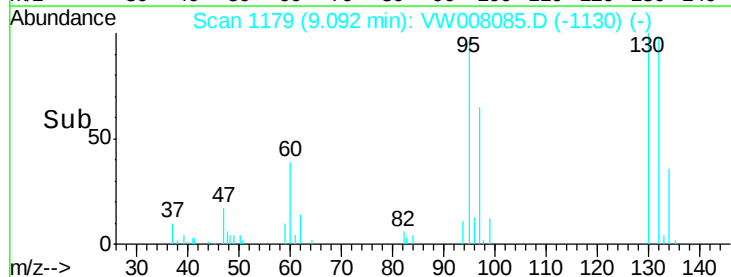
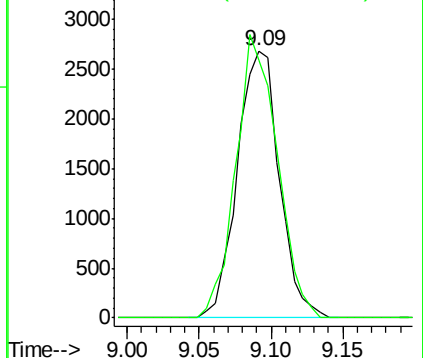
130 100

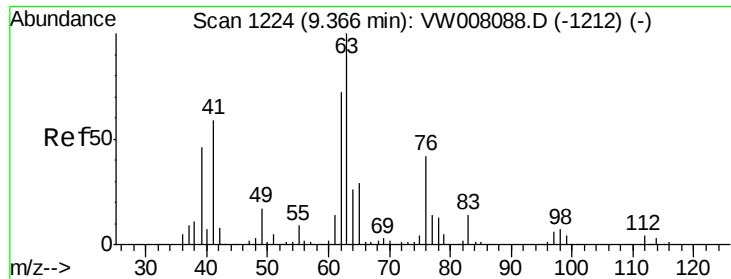
95 96.6 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

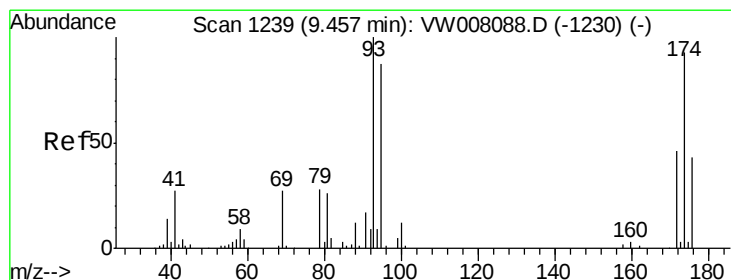
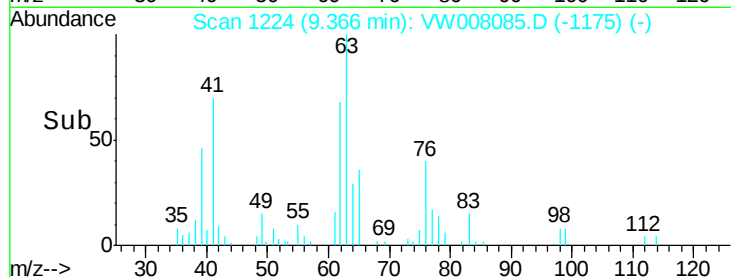
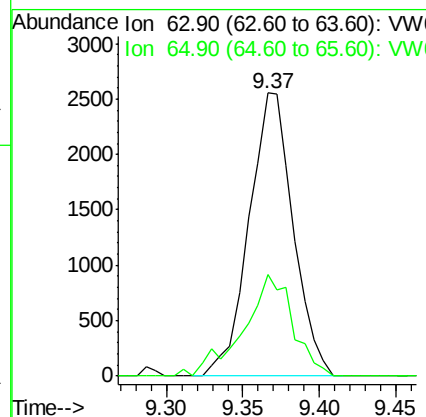
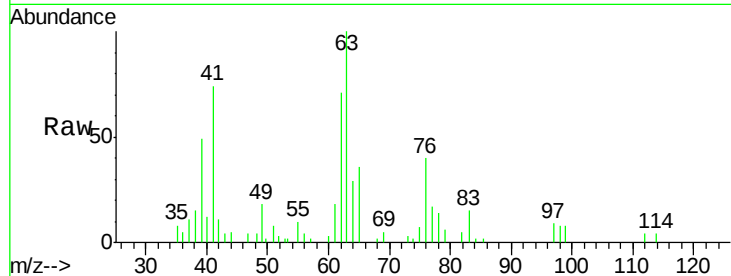




#45
 1,2-Dichloropropane
 Concen: 6.116 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

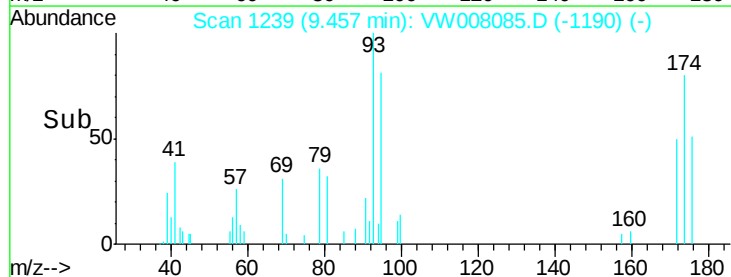
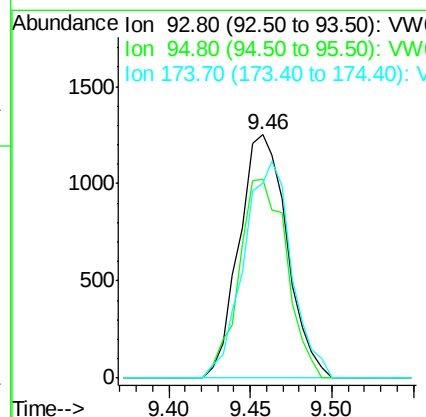
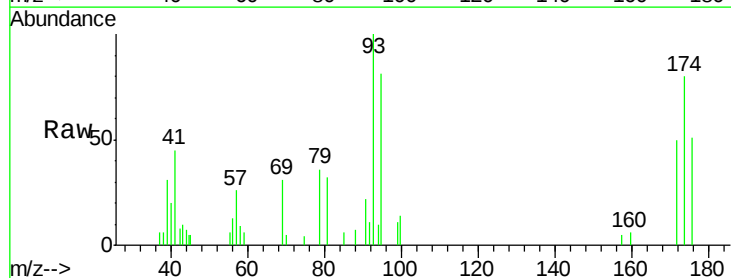
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

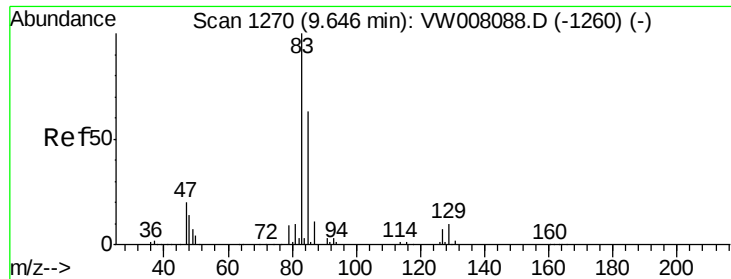
Tot Ion: 63 Resp: 5135
 Ion Ratio Lower Upper
 63 100
 65 36.0 23.3 34.9#



#46
 Dibromomethane
 Concen: 5.392 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 93 Resp: 2558
 Ion Ratio Lower Upper
 93 100
 95 80.8 67.5 101.3
 174 88.5 72.5 108.7





#47

Bromodichloromethane

Concen: 4.812 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

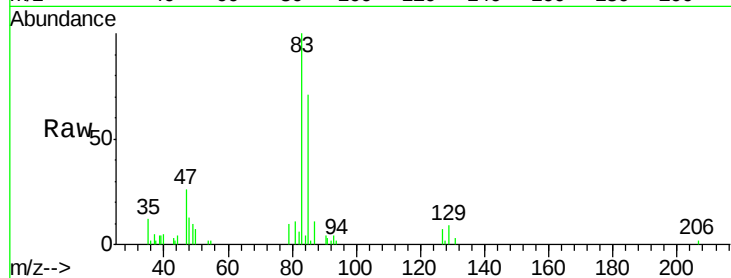
Tot Ion: 83 Resp: 6339

Ion Ratio Lower Upper

83 100

85 70.9 50.7 76.1

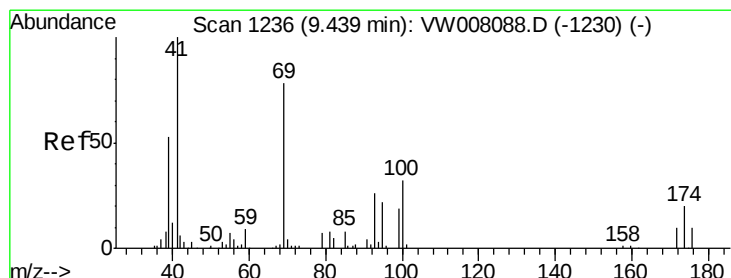
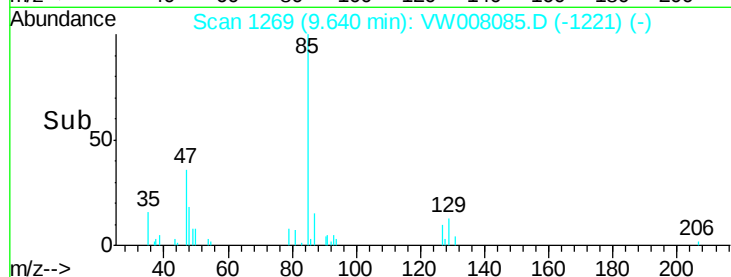
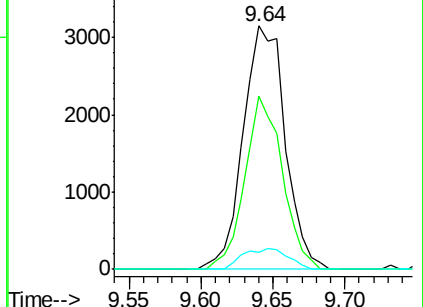
127 6.9 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.745 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

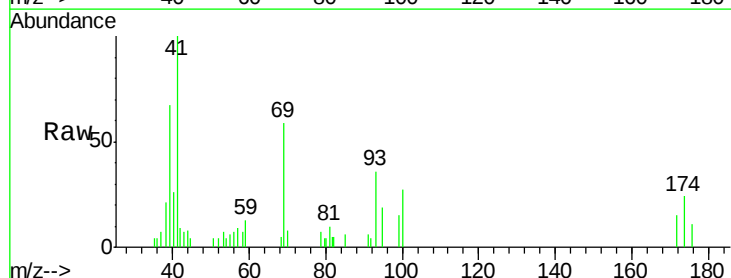
Tgt Ion: 41 Resp: 2604

Ion Ratio Lower Upper

41 100

69 82.0 61.9 92.9

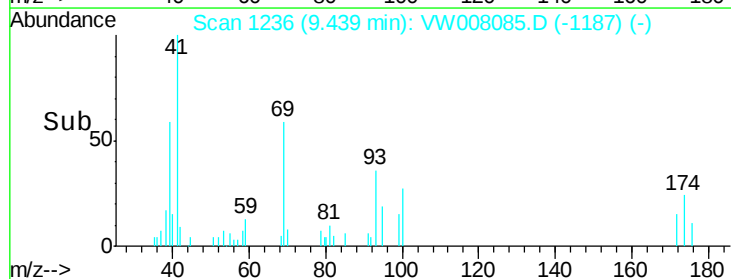
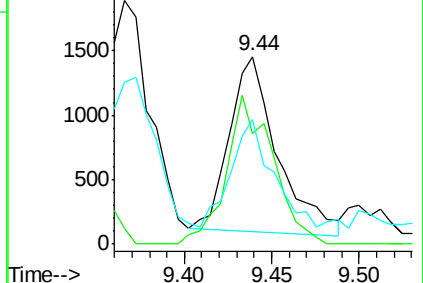
39 66.1 43.0 64.4#

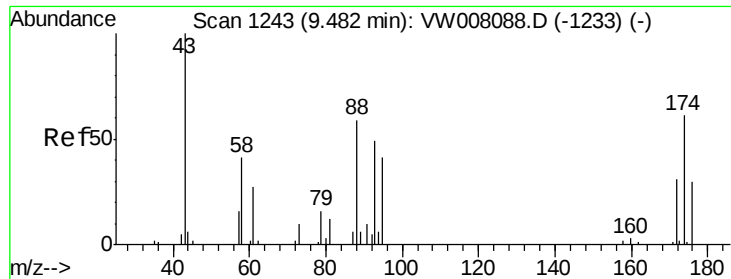


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 124.158 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC005

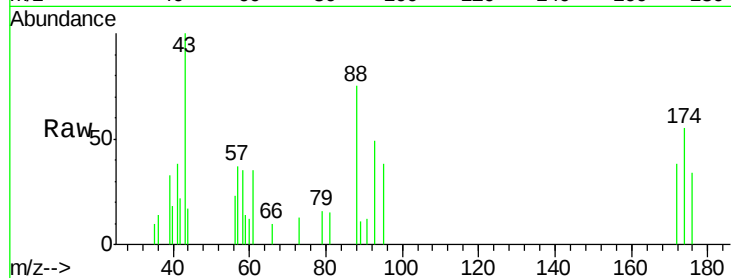
Tot Ion: 88 Resp: 882

Ion Ratio Lower Upper

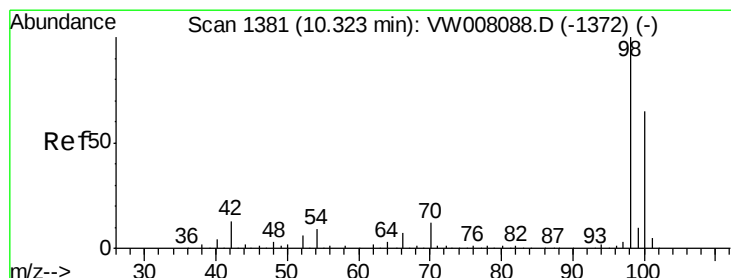
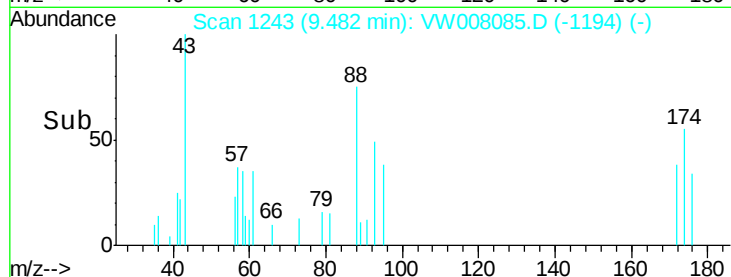
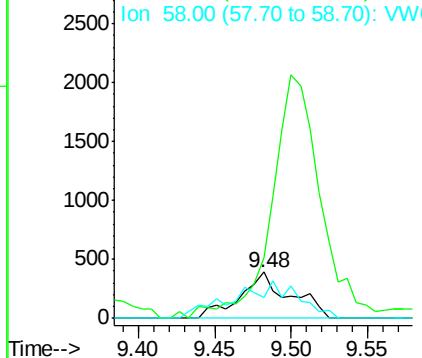
88 100

43 522.8 0.0 0.0#

58 49.1 61.7 92.5#



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



#50

Toluene-d8

Concen: 5.411 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008085.D

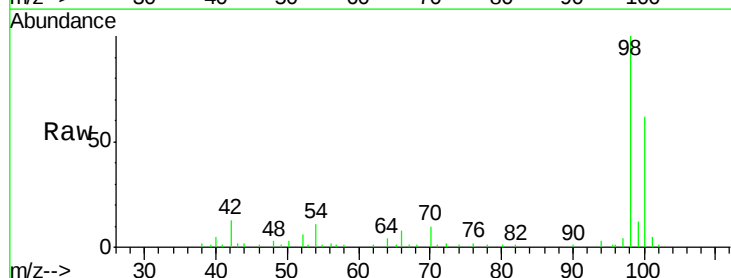
Acq: 08 Jan 2019 14:45

Tgt Ion: 98 Resp: 18723

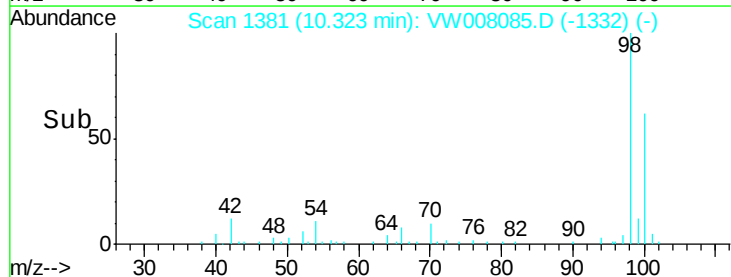
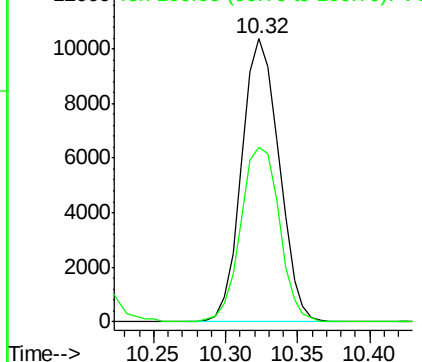
Ion Ratio Lower Upper

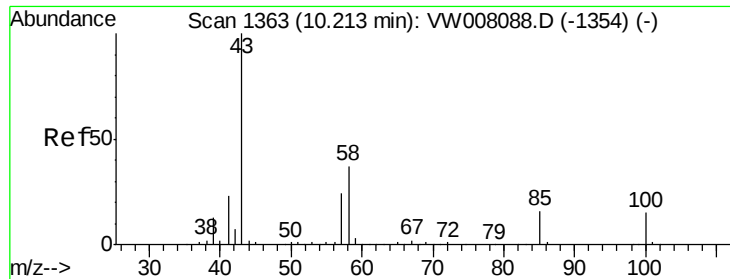
98 100

100 63.6 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 36.427 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

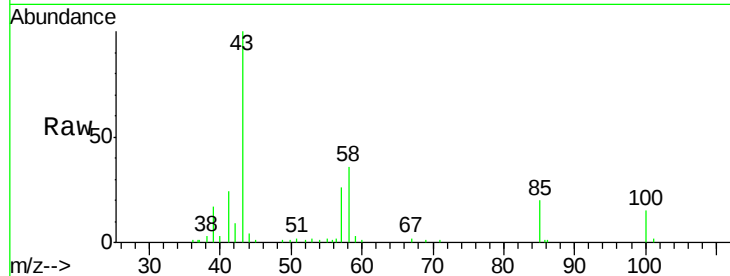
VSTDIC005

Tot Ion: 43 Resp: 15340

Ion Ratio Lower Upper

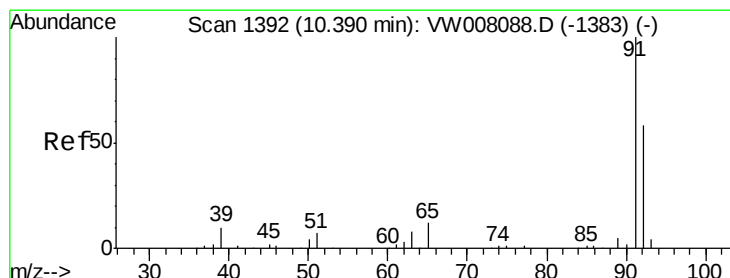
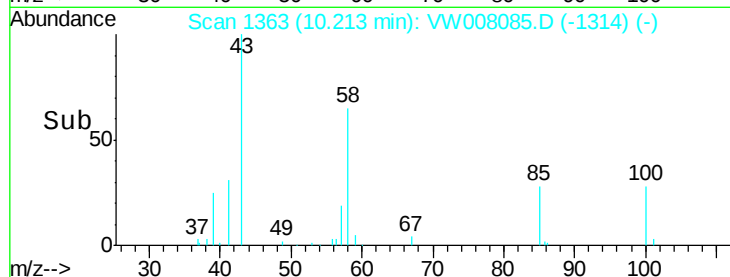
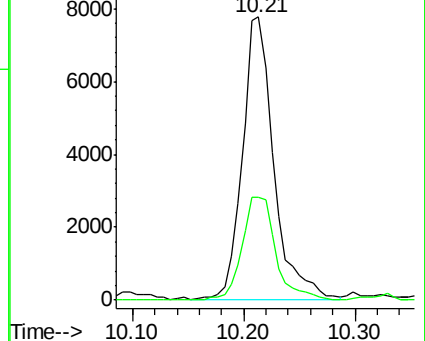
43 100

58 38.7 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 5.454 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008085.D

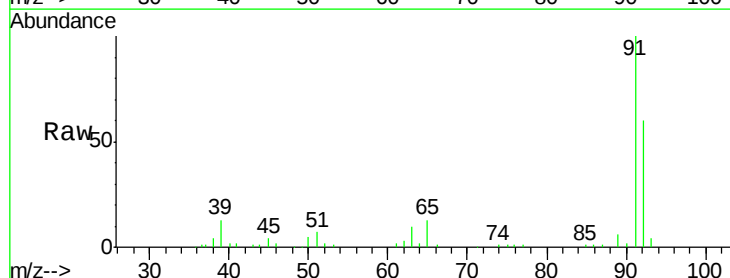
Acq: 08 Jan 2019 14:45

Tgt Ion: 92 Resp: 13609

Ion Ratio Lower Upper

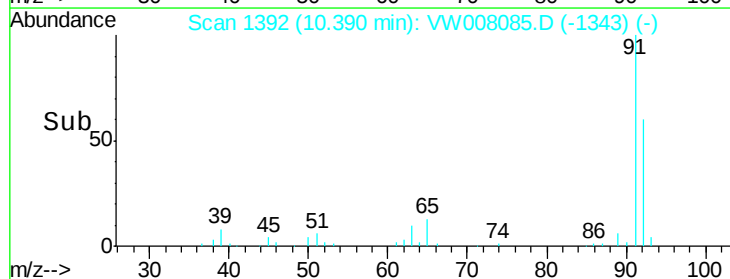
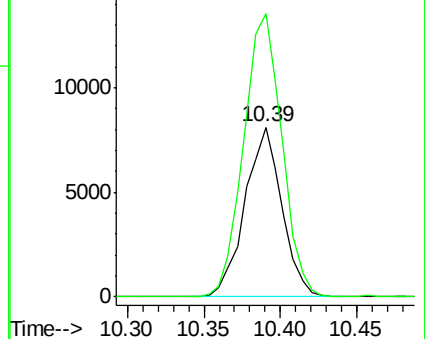
92 100

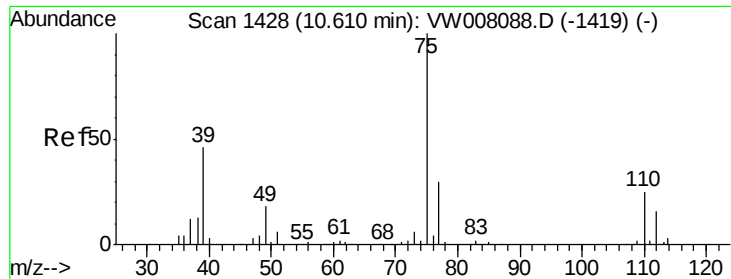
91 173.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

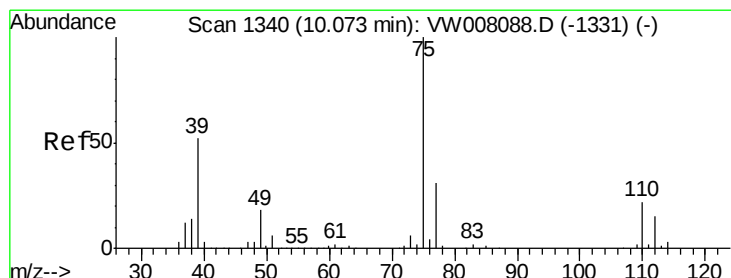
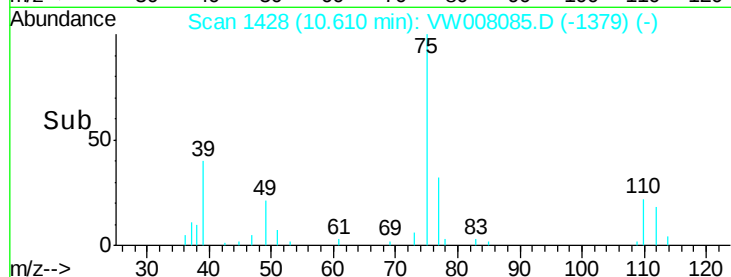
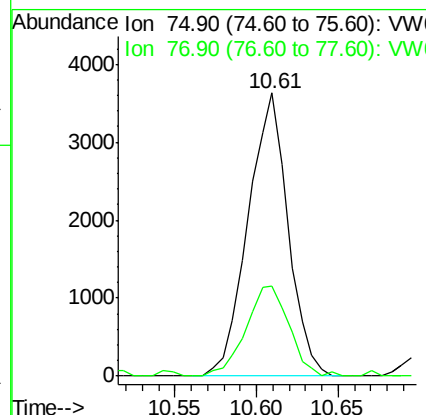
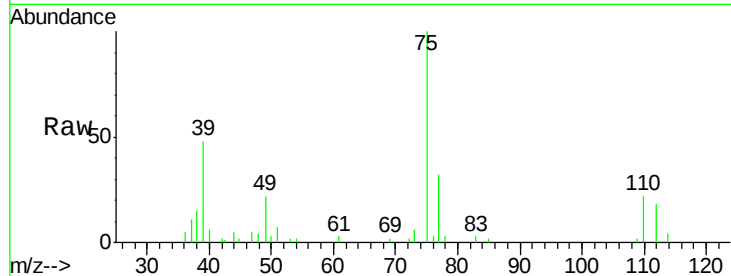




#53
 t-1,3-Dichloropropene
 Concen: 4.836 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

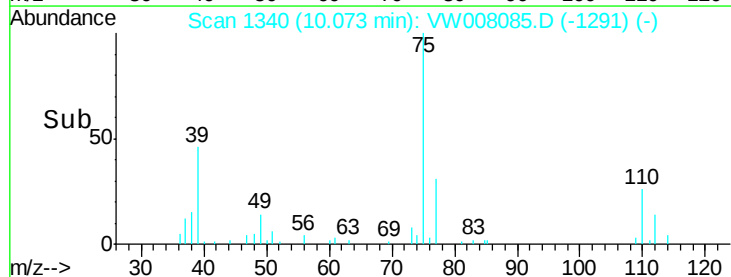
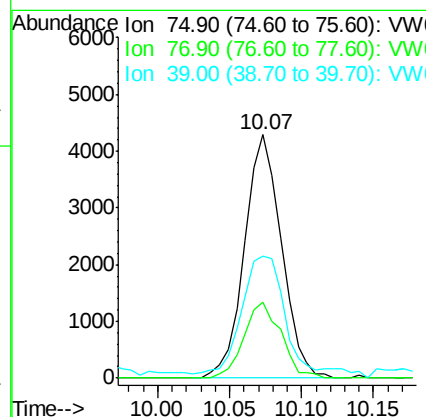
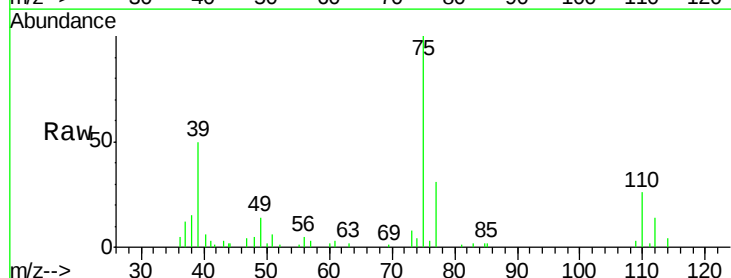
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

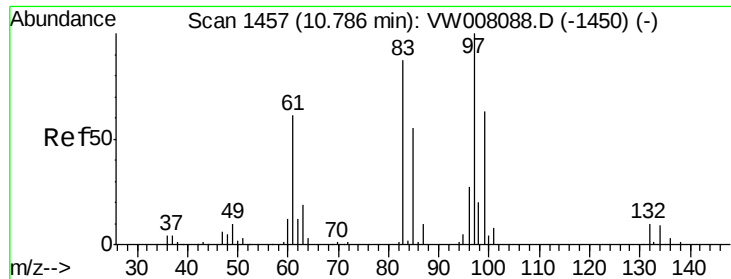
Tot Ion: 75 Resp: 6204
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 5.283 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 75 Resp: 7633
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8
 39 46.4 41.4 62.0

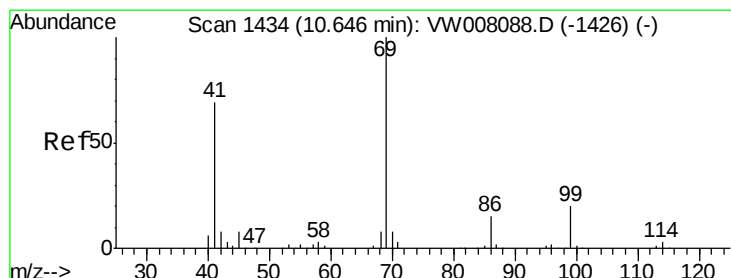
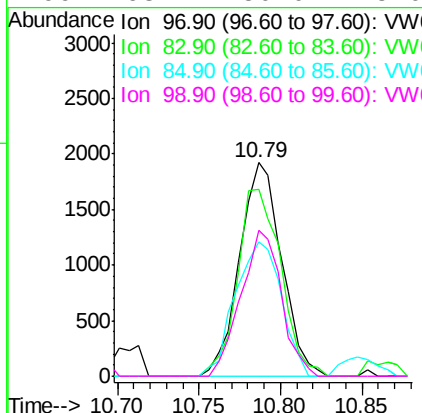
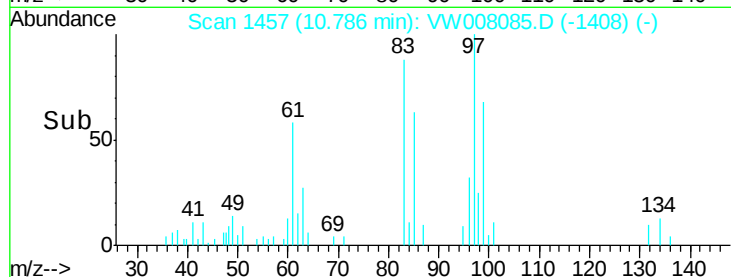
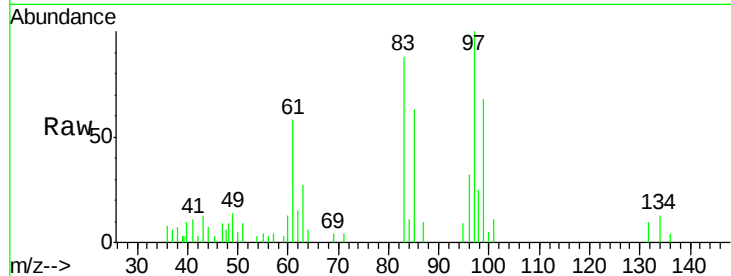




#55
 1,1,2-Trichloroethane
 Concen: 5.350 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

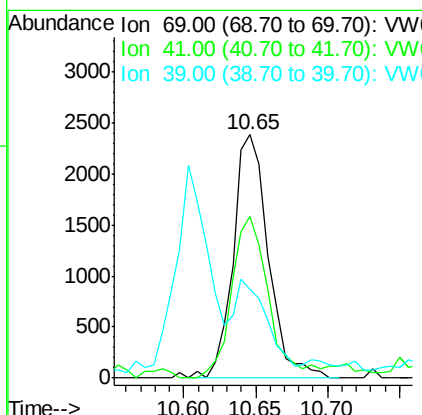
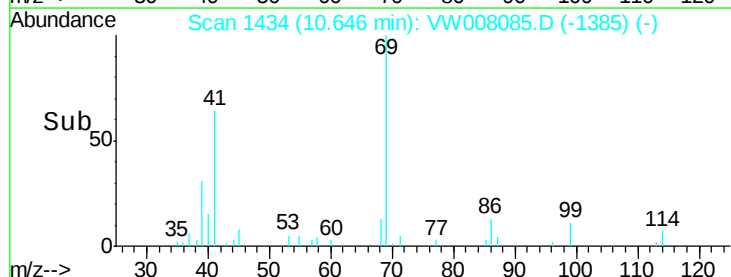
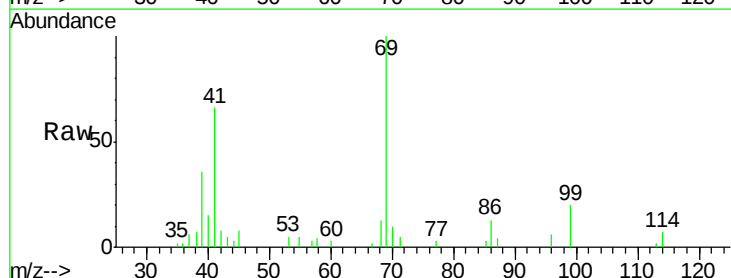
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

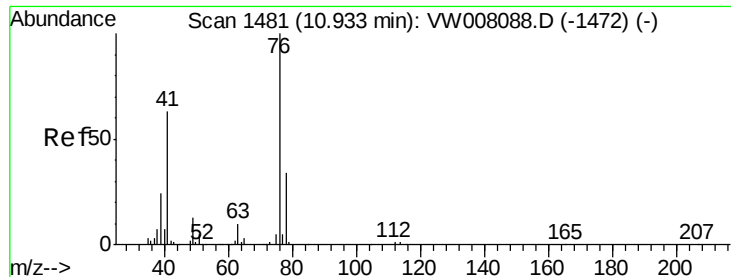
Tot Ion:	97	Resp:	3446
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.3	103.9
85	62.7	43.8	65.6
99	68.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 5.431 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion:	69	Resp:	4058
Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.4	84.6
39	31.5	28.1	42.1

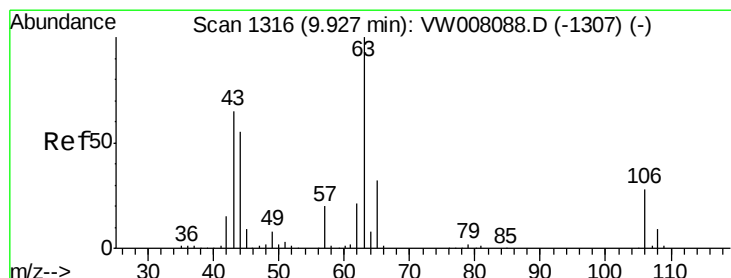
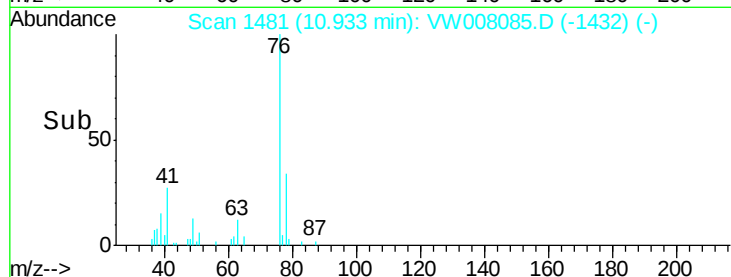
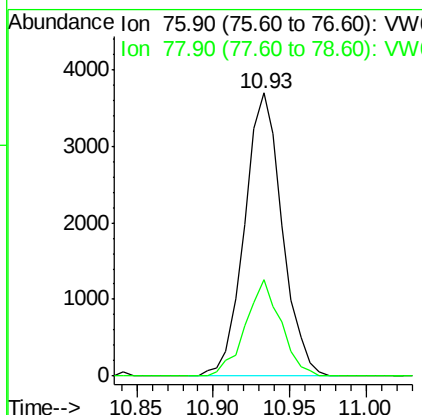
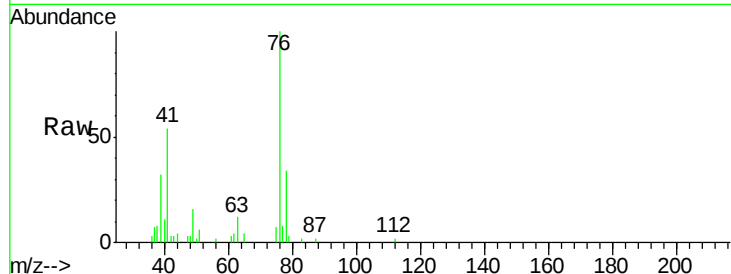




#57
 1,3-Dichloropropane
 Concen: 5.644 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

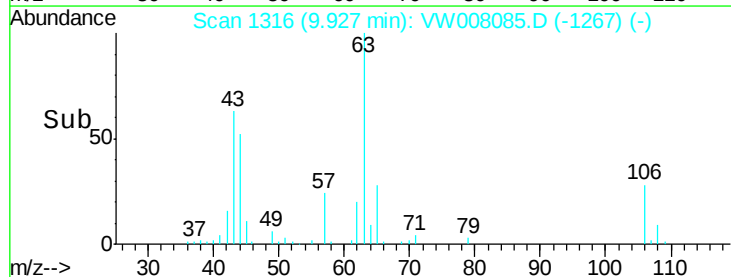
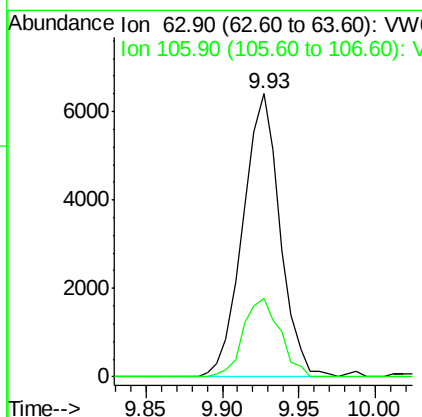
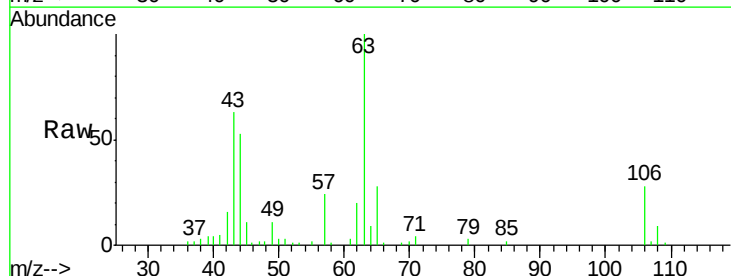
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

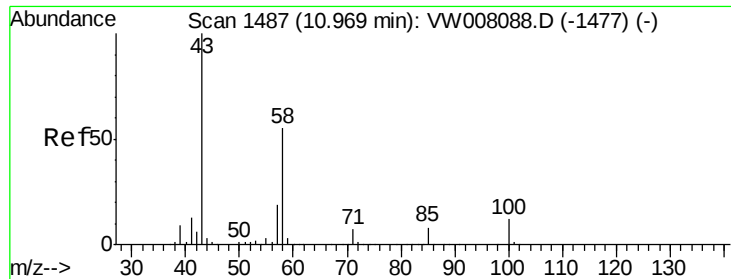
Tot Ion: 76 Resp: 6312
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 29.613 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 63 Resp: 10804
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6





#59

2-Hexanone

Concen: 34.083 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

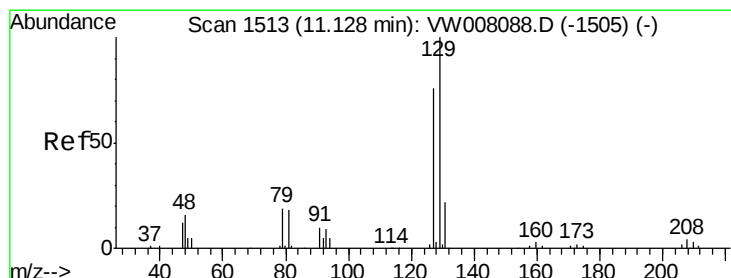
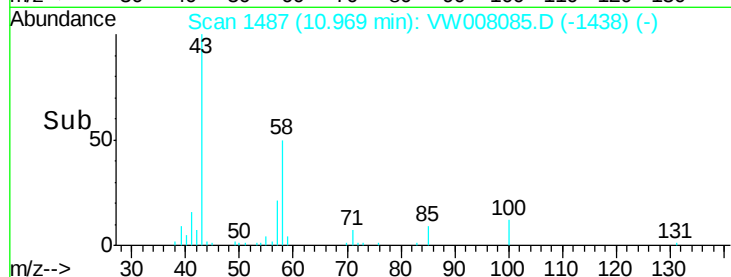
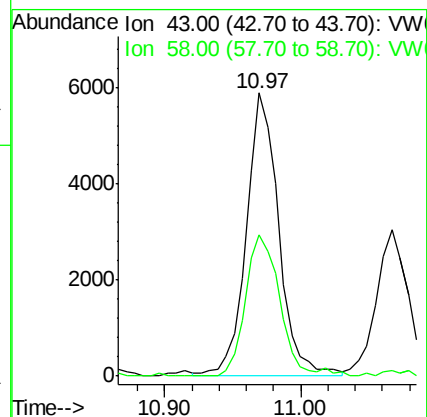
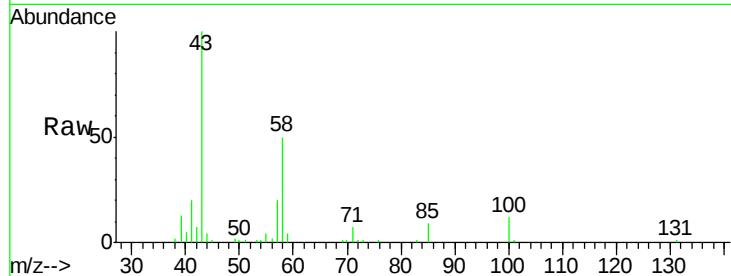
VSTDIC005

Tot Ion: 43 Resp: 9877

Ion Ratio Lower Upper

43 100

58 51.6 27.2 81.5



#60

Dibromochloromethane

Concen: 4.029 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008085.D

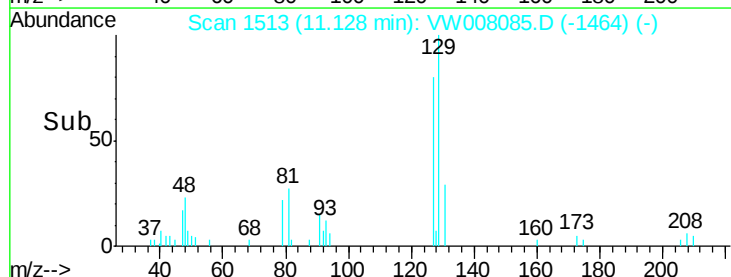
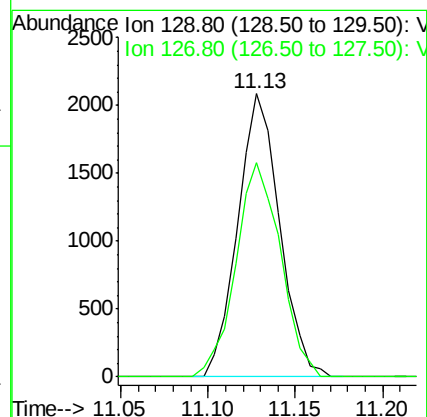
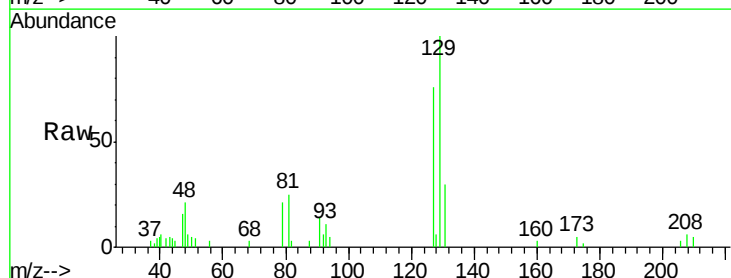
Acq: 08 Jan 2019 14:45

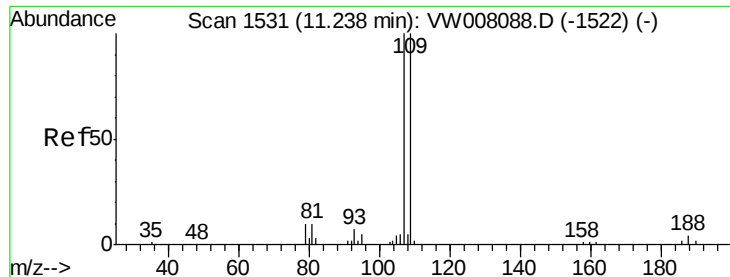
Tgt Ion: 129 Resp: 3471

Ion Ratio Lower Upper

129 100

127 80.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 4.876 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

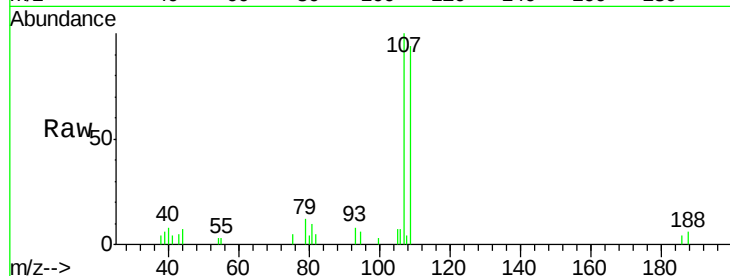
VSTDIC005

Tot Ion:107 Resp: 3145

Ion Ratio Lower Upper

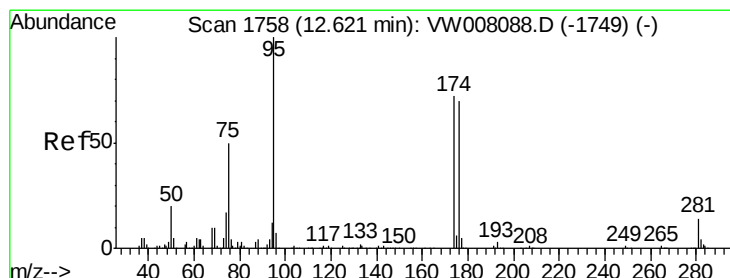
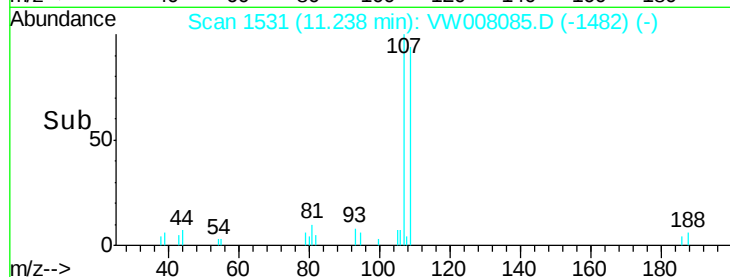
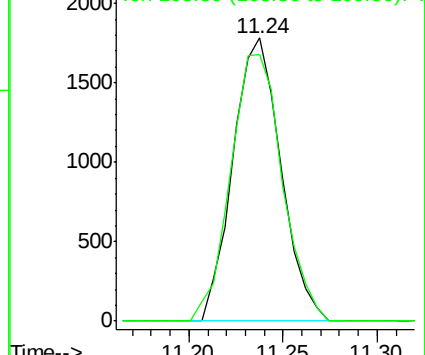
107 100

109 101.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.420 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

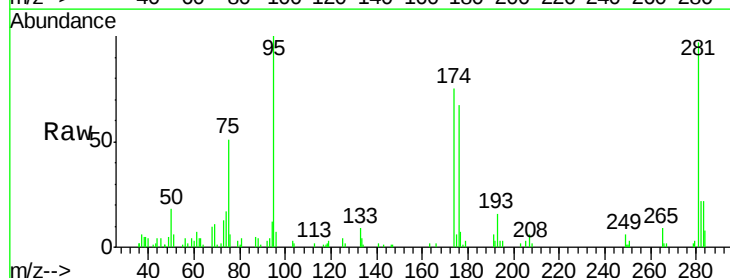
Tgt Ion: 95 Resp: 7109

Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.0

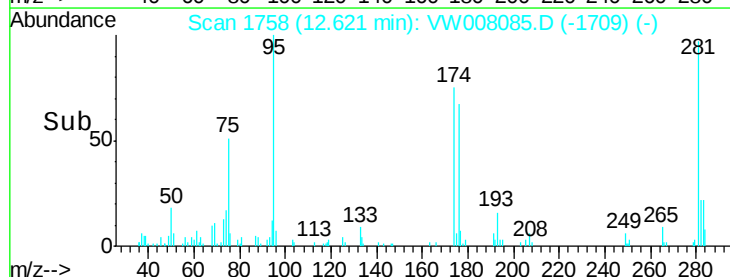
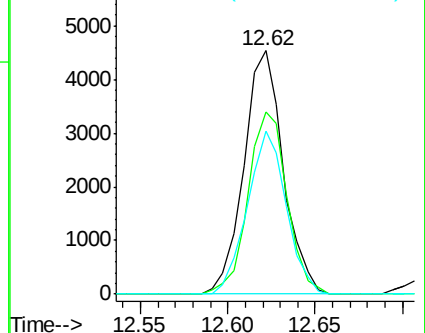
176 66.6 0.0 140.2

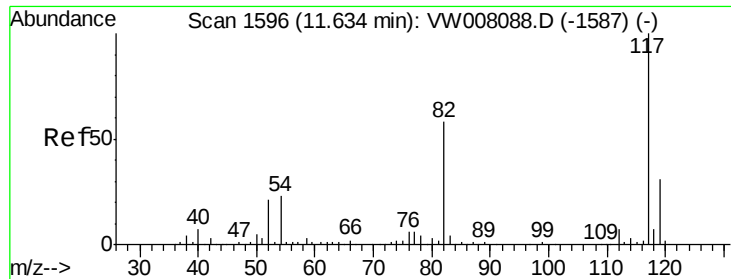


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

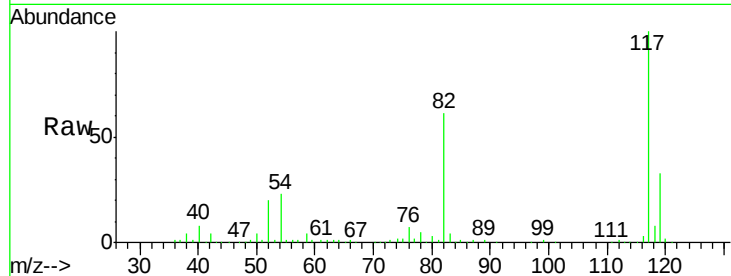




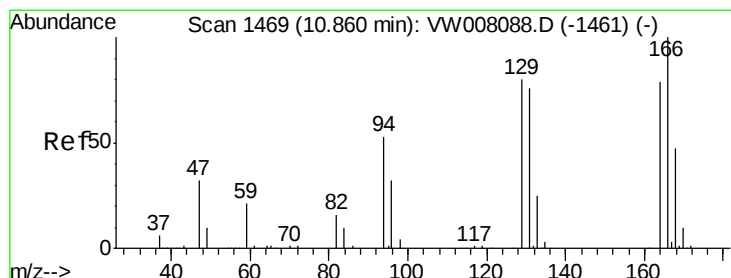
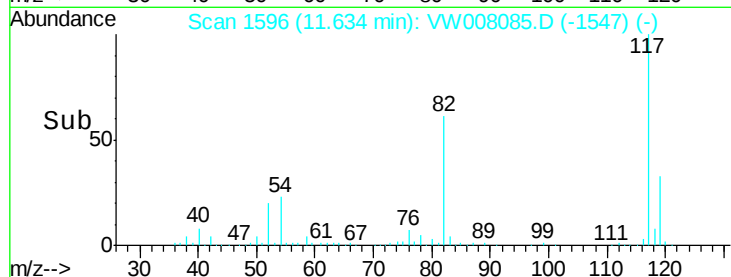
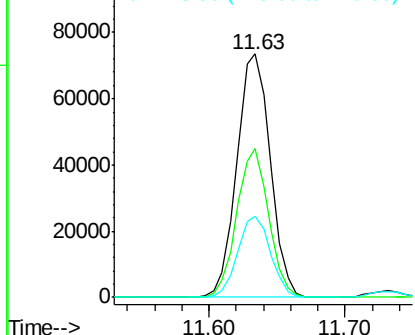
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 126405
Ion Ratio Lower Upper
117 100
82 61.2 46.4 69.6
119 33.3 24.7 37.1

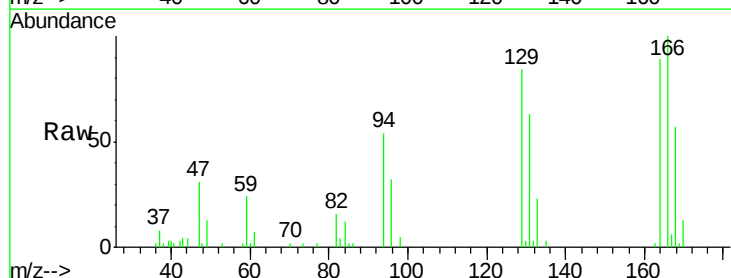


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

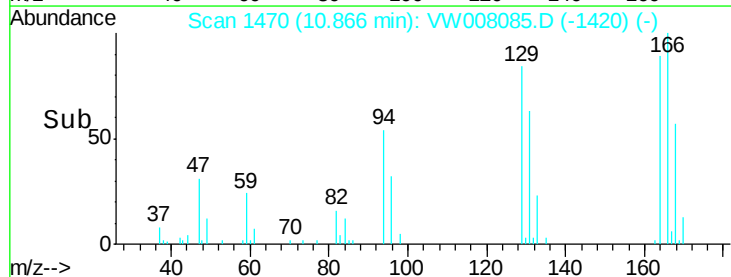
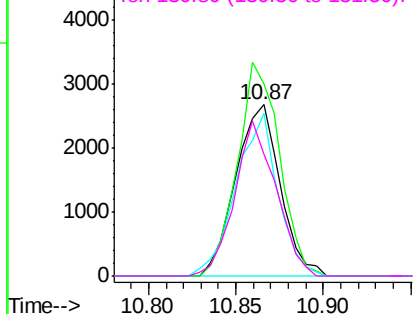


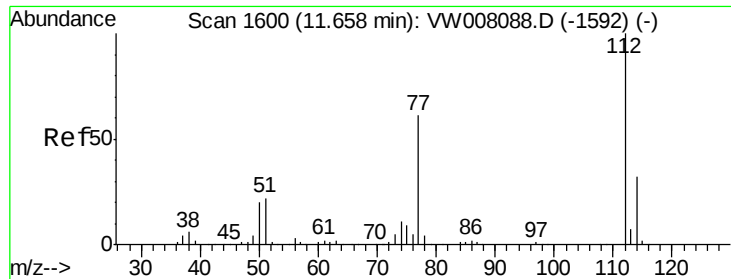
#64
Tetrachloroethene
Concen: 5.644 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion:164 Resp: 4757
Ion Ratio Lower Upper
164 100
166 112.3 100.7 151.1
129 94.8 81.0 121.4
131 70.8 76.1 114.1#



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

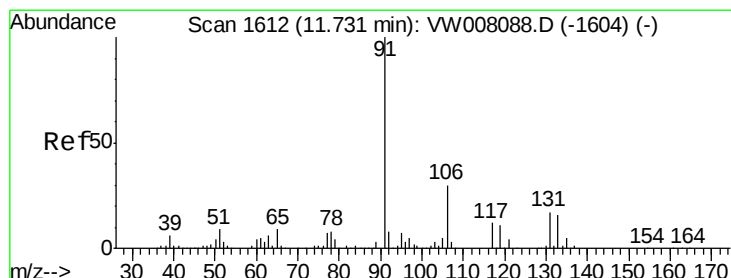
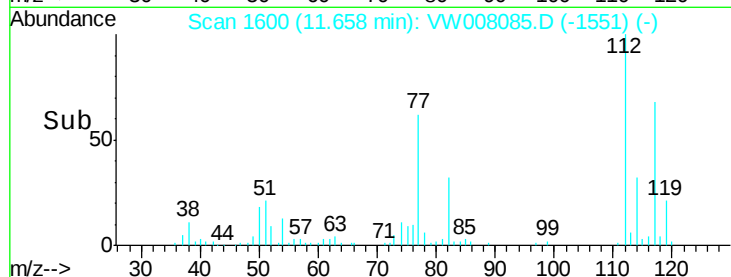
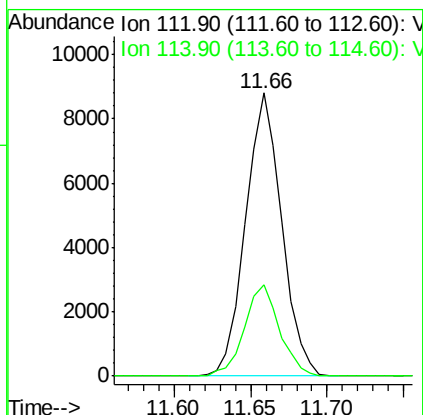
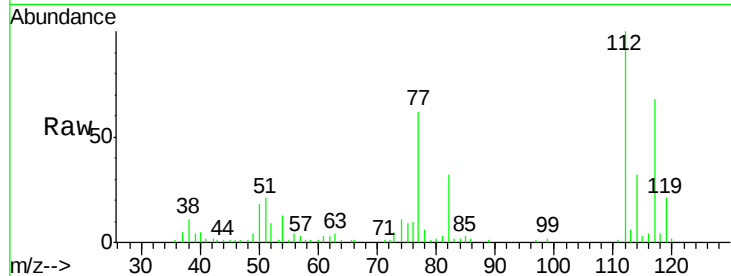




#65
Chlorobenzene
Concen: 5.443 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

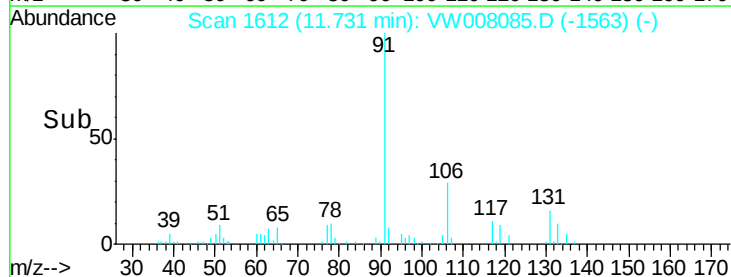
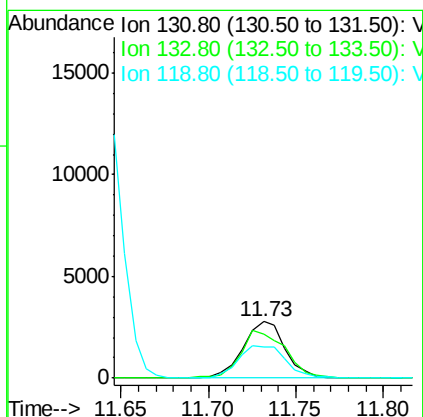
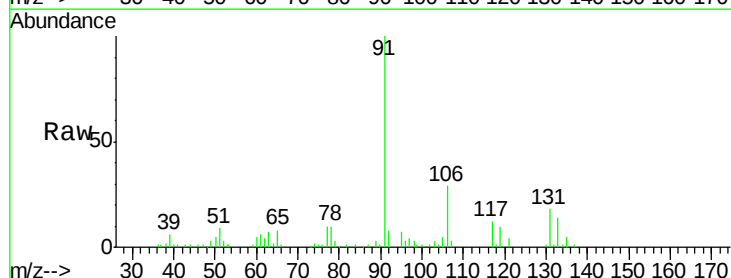
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

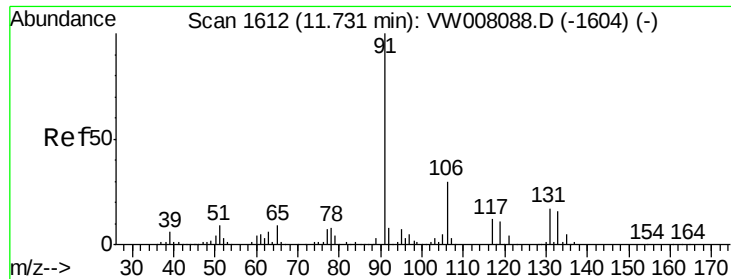
Tot Ion:112 Resp: 14432
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.892 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion:131 Resp: 4636
Ion Ratio Lower Upper
131 100
133 89.3 47.9 143.7
119 65.3 32.5 97.4

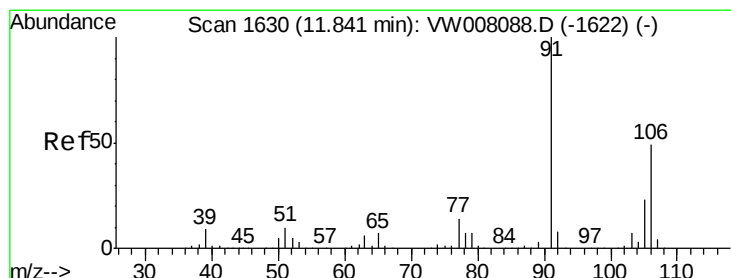
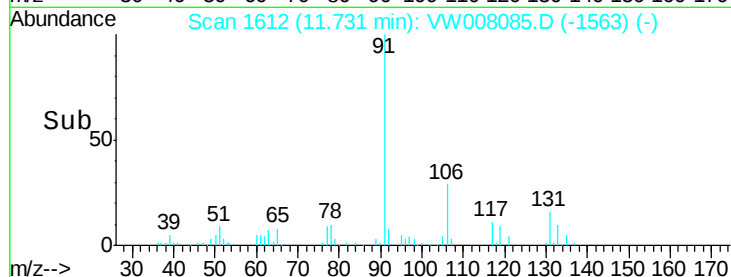
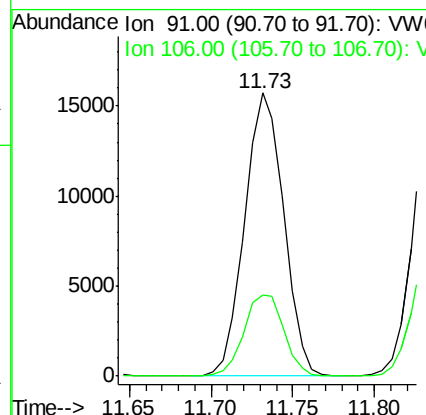
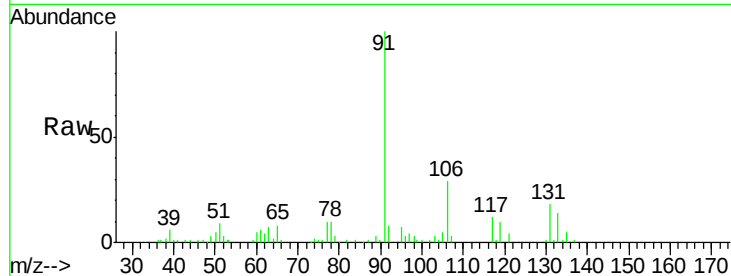




#67
Ethyl Benzene
Concen: 5.524 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

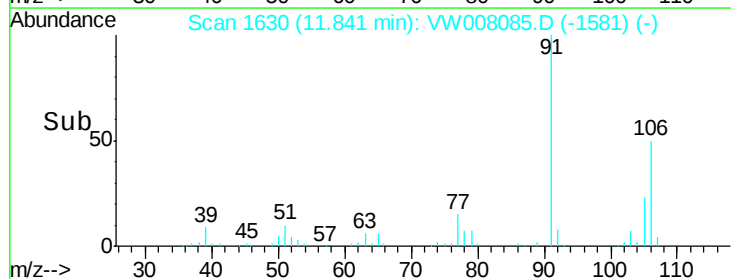
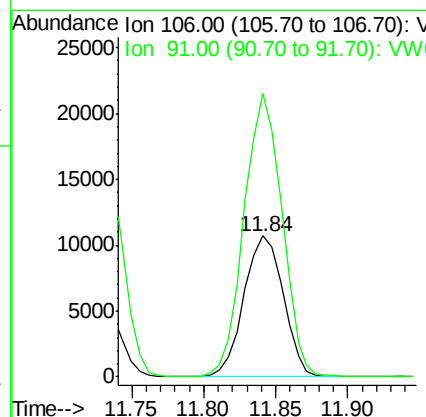
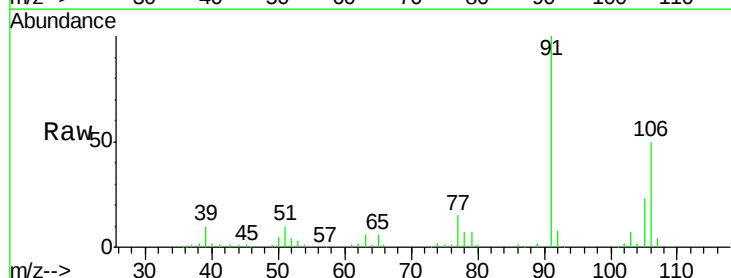
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

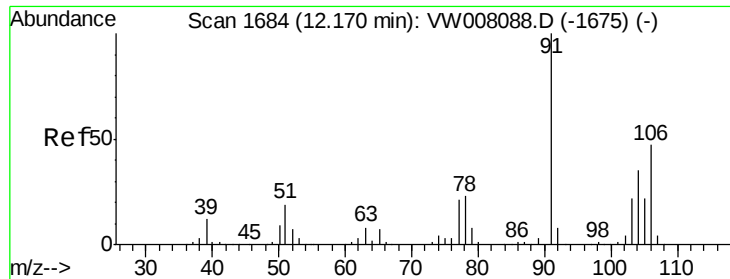
Tot Ion: 91 Resp: 26181
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4



#68
m/p-Xylenes
Concen: 11.144 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 106 Resp: 20365
Ion Ratio Lower Upper
106 100
91 194.0 162.4 243.6

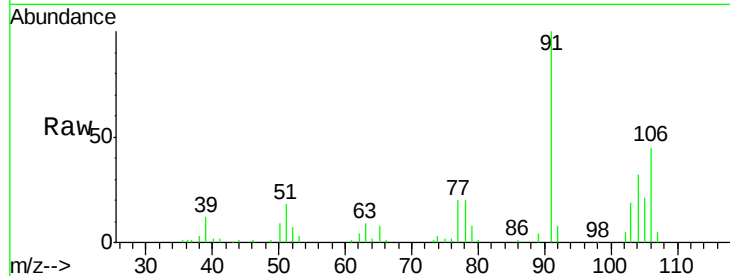




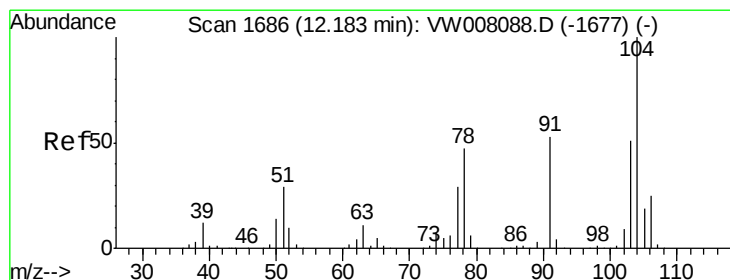
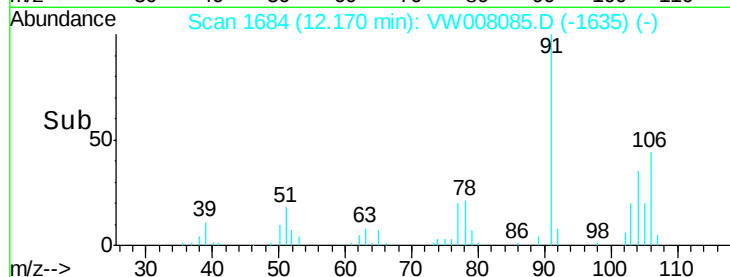
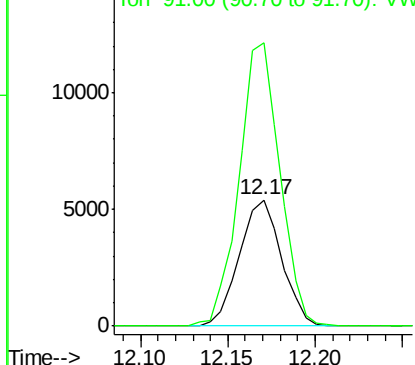
#69
o-Xylene
Concen: 5.371 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 9129
Ion Ratio Lower Upper
106 100
91 214.9 107.8 323.6

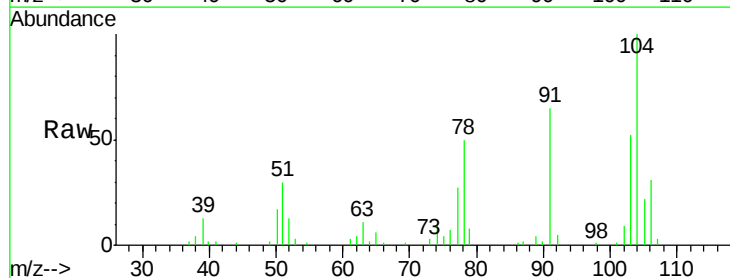


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

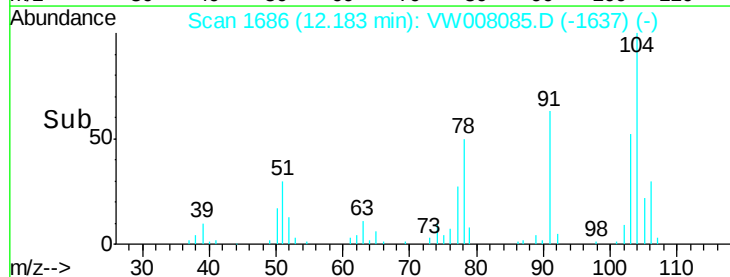
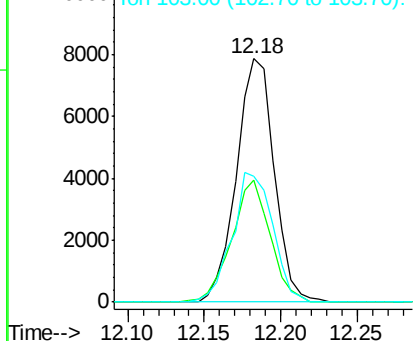


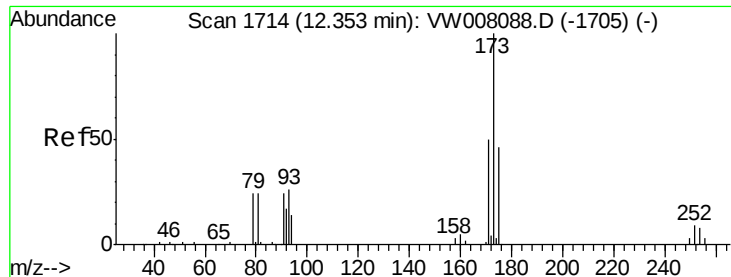
#70
Styrene
Concen: 4.869 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion:104 Resp: 13454
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 57.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.030 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

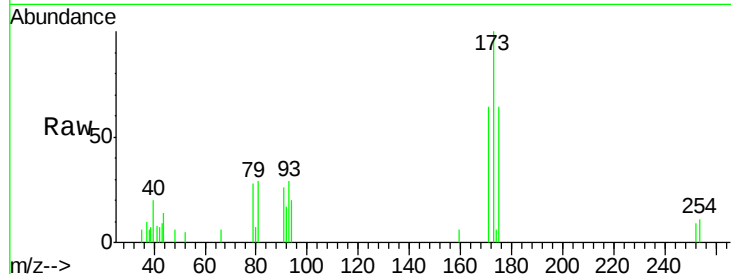
Tot Ion:173 Resp: 1762

Ion Ratio Lower Upper

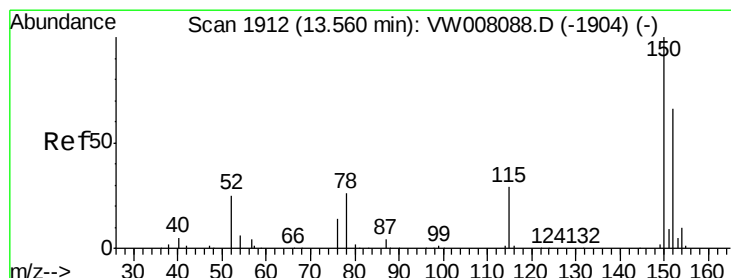
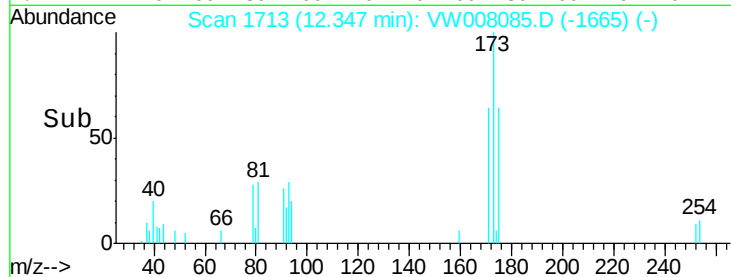
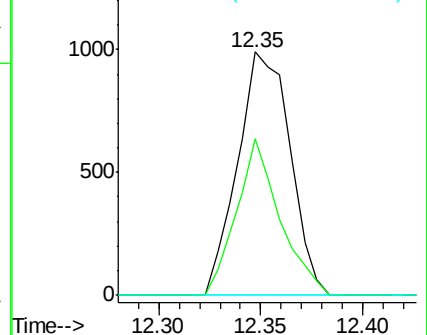
173 100

175 53.3 23.3 69.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

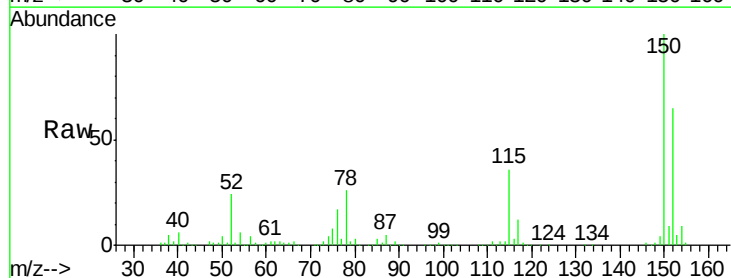
Tgt Ion:152 Resp: 62196

Ion Ratio Lower Upper

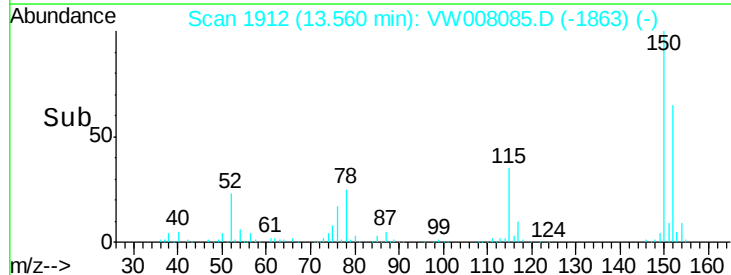
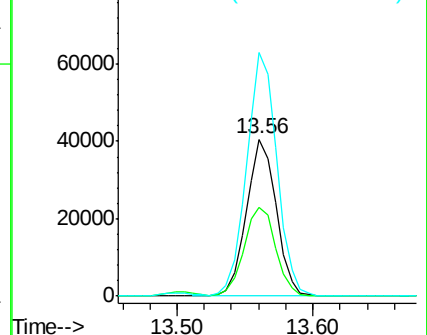
152 100

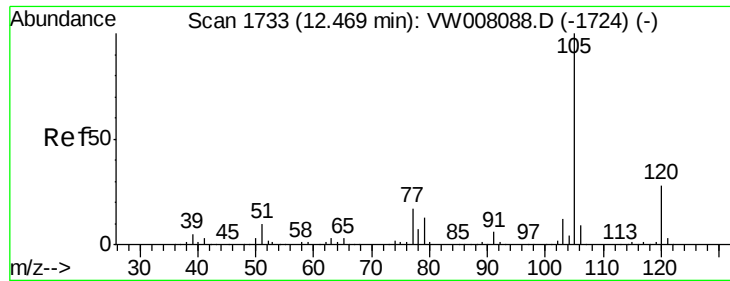
115 59.8 30.8 92.4

150 157.7 0.0 350.2



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: 5.217 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

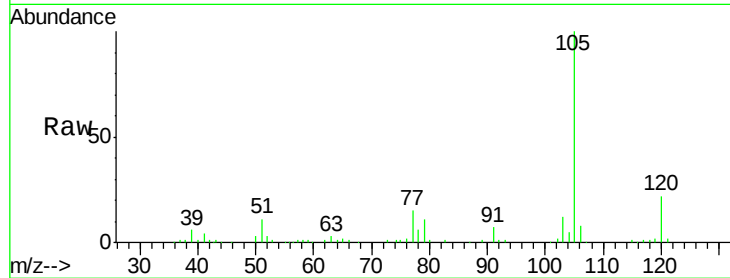
VSTDIC005

Tot Ion:105 Resp: 25398

Ion Ratio Lower Upper

105 100

120 25.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

15000

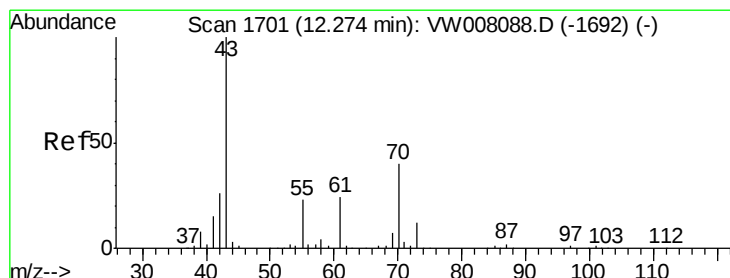
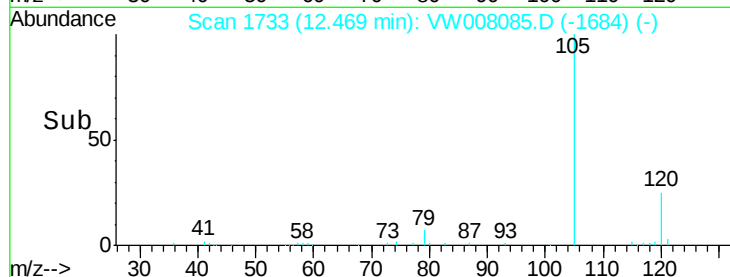
10000

5000

0

Time-->

12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 6.588 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Tgt Ion: 43 Resp: 5336

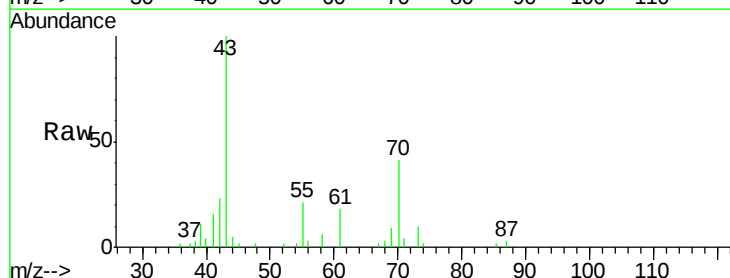
Ion Ratio Lower Upper

43 100

70 39.2 32.4 48.6

55 24.7 18.7 28.1

61 22.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.28

5000

4000

3000

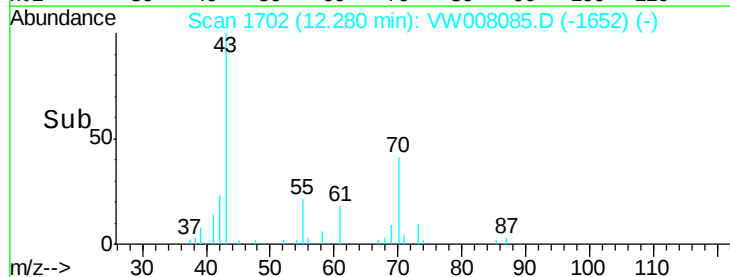
2000

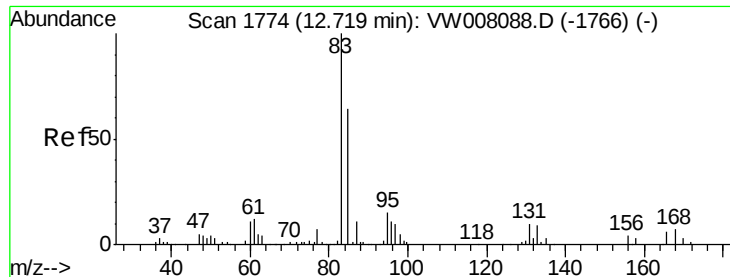
1000

0

Time-->

12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 6.153 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

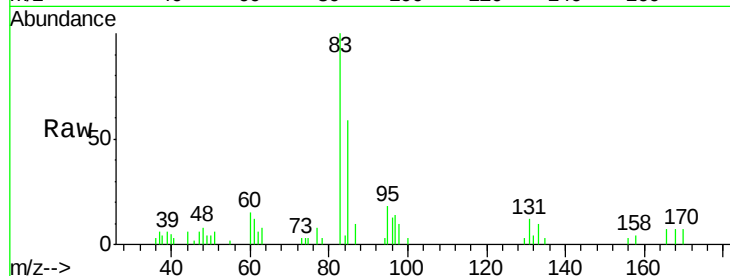
Tot Ion: 83 Resp: 3952

Ion Ratio Lower Upper

83 100

131 9.1 5.3 16.1

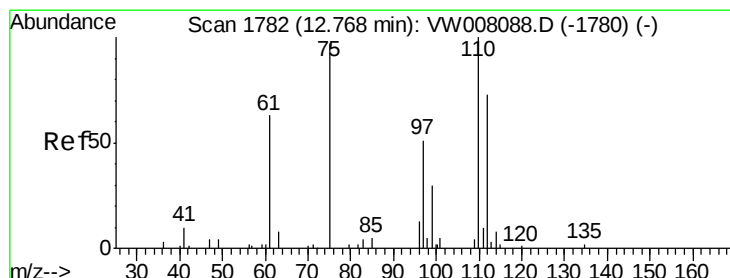
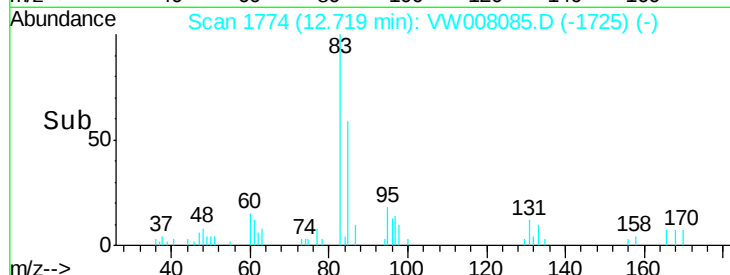
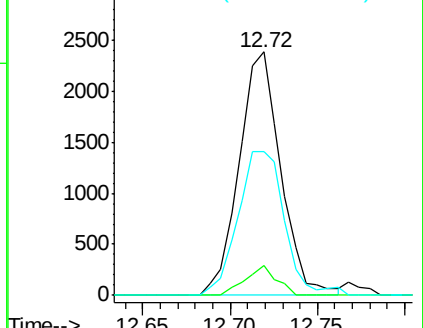
85 66.3 32.4 97.2



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: 10.796 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008085.D

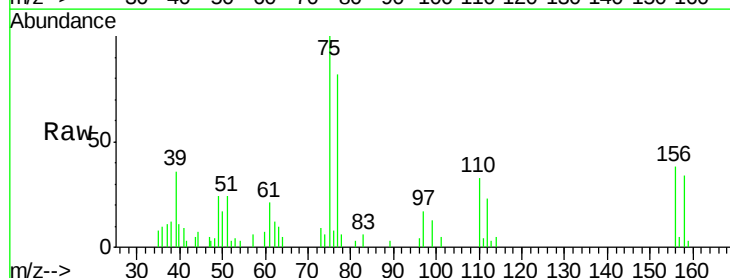
Acq: 08 Jan 2019 14:45

Tgt Ion: 75 Resp: 5395

Ion Ratio Lower Upper

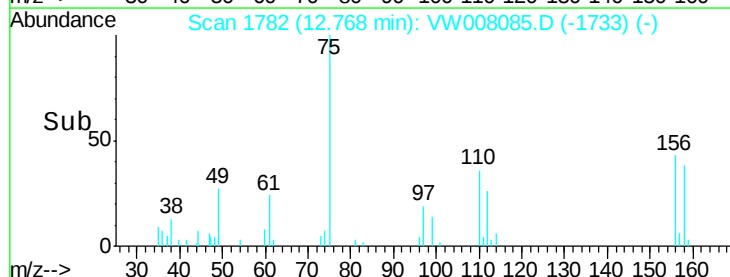
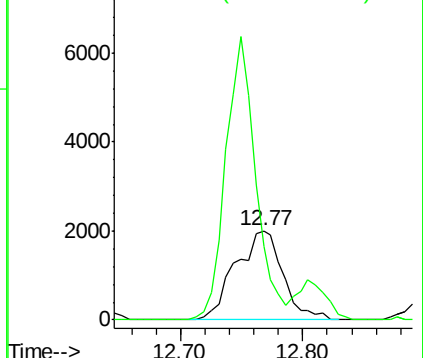
75 100

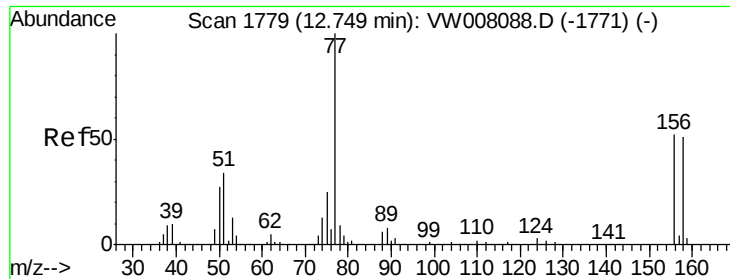
77 199.9 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.403 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

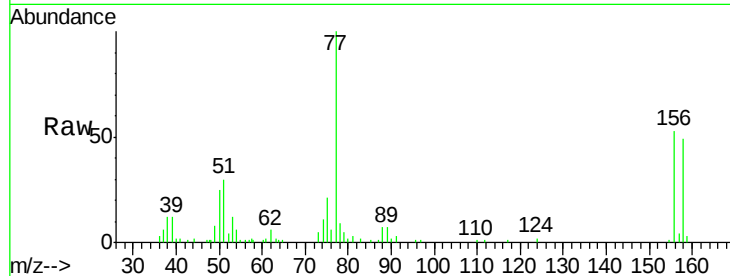
Tot Ion:156 Resp: 5605

Ion Ratio Lower Upper

156 100

77 192.4 104.2 312.5

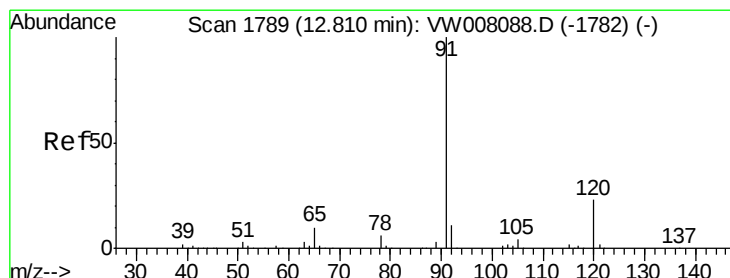
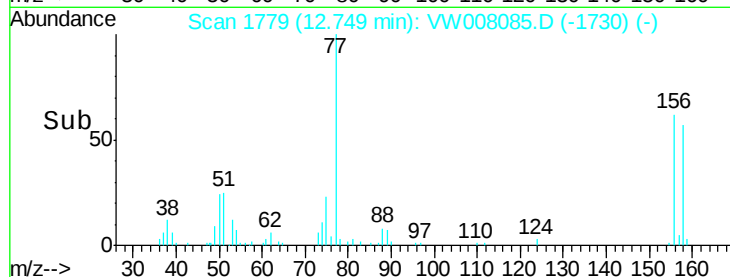
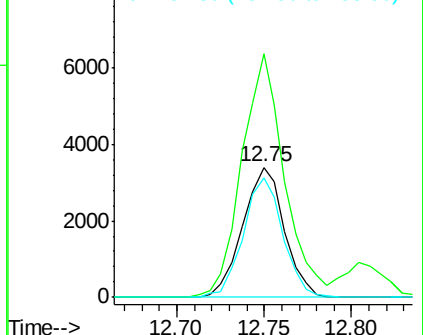
158 87.7 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.521 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008085.D

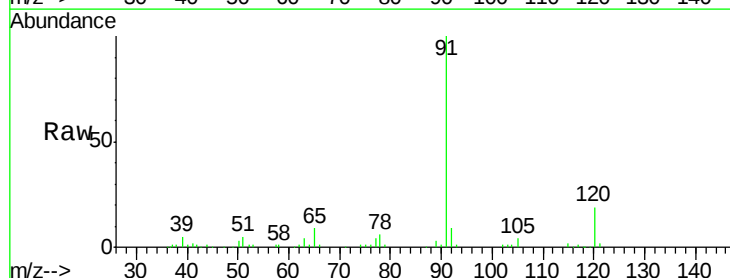
Acq: 08 Jan 2019 14:45

Tgt Ion: 91 Resp: 31512

Ion Ratio Lower Upper

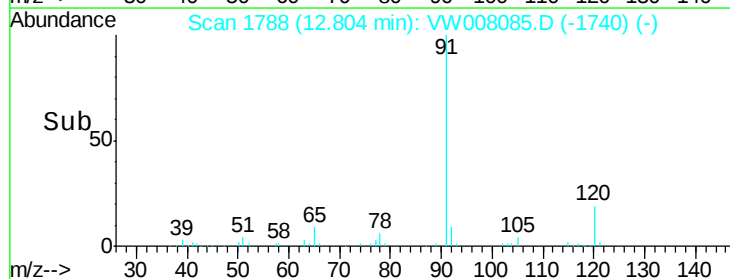
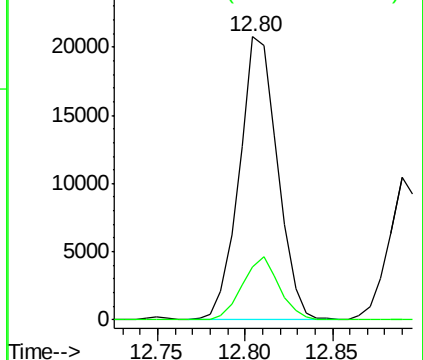
91 100

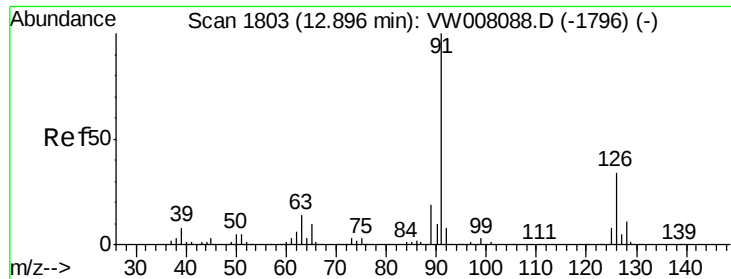
120 21.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.243 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

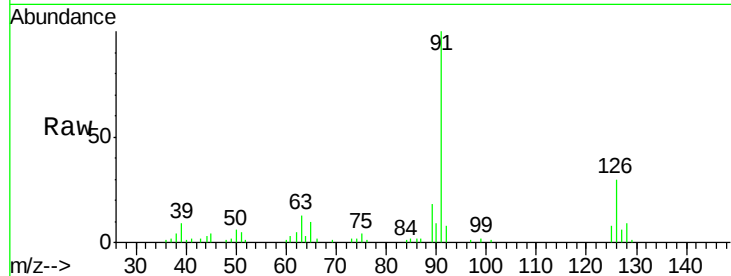
VSTDIC005

Tot Ion: 91 Resp: 17176

Ion Ratio Lower Upper

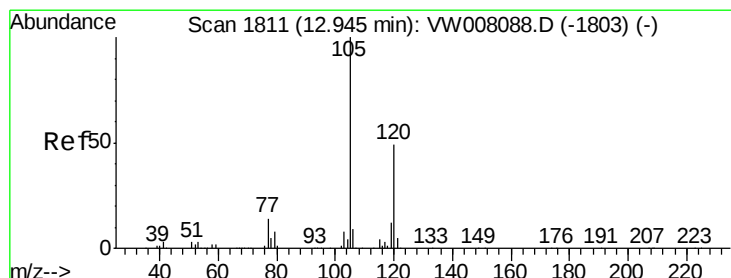
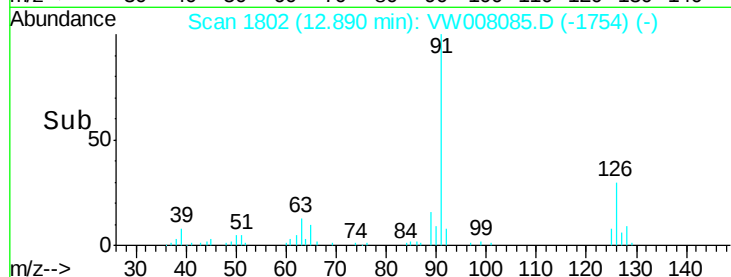
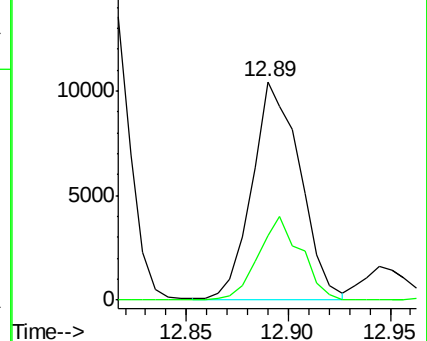
91 100

126 34.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.895 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008085.D

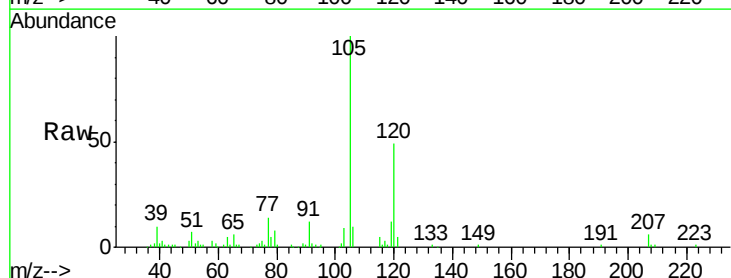
Acq: 08 Jan 2019 14:45

Tgt Ion:105 Resp: 20369

Ion Ratio Lower Upper

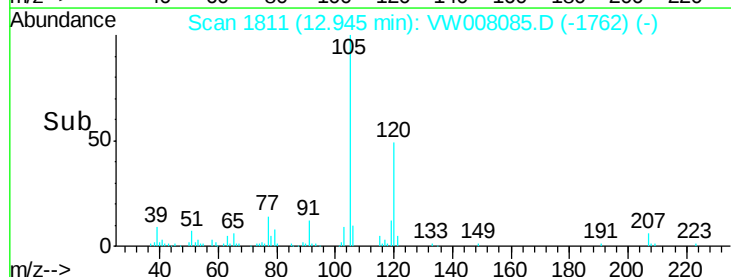
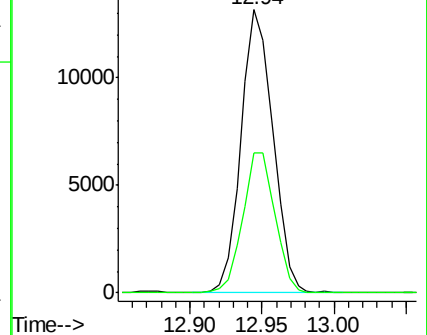
105 100

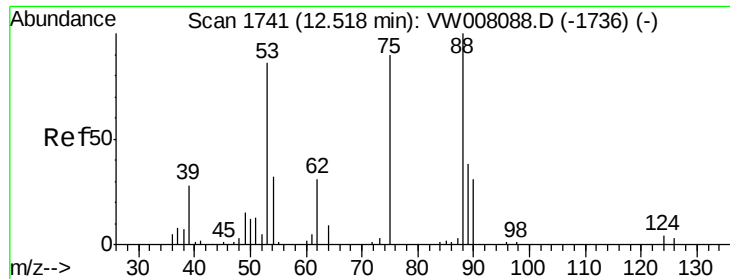
120 49.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.044 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008085.D

Acq: 08 Jan 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

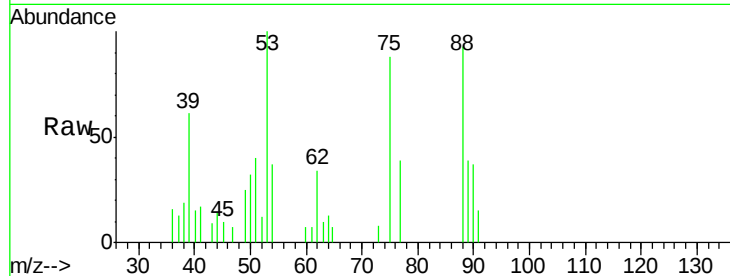
Tot Ion: 75 Resp: 1073

Ion Ratio Lower Upper

75 100

53 116.9 78.8 118.2

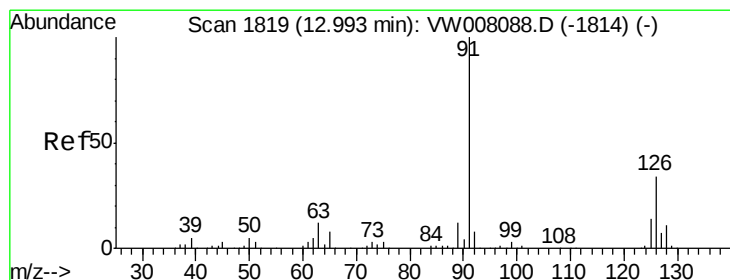
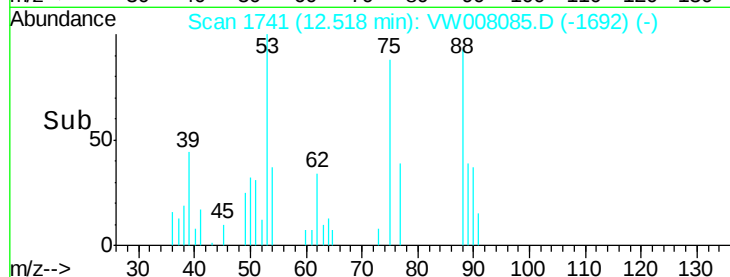
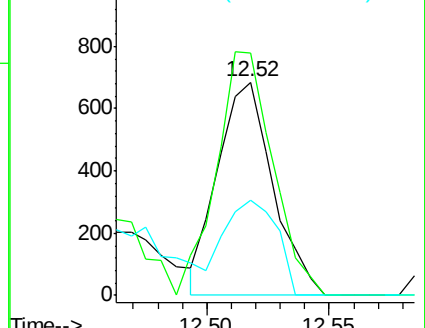
89 42.4 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 5.347 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008085.D

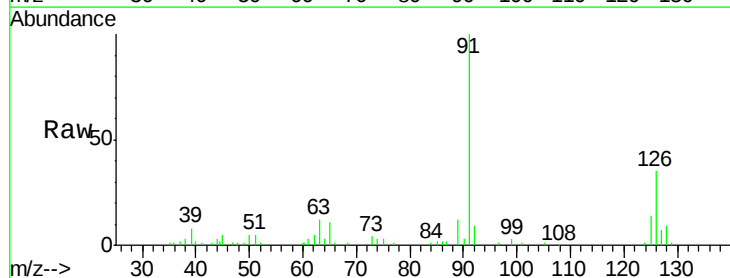
Acq: 08 Jan 2019 14:45

Tgt Ion: 91 Resp: 18614

Ion Ratio Lower Upper

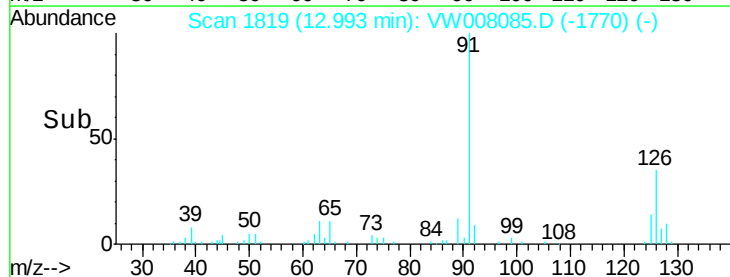
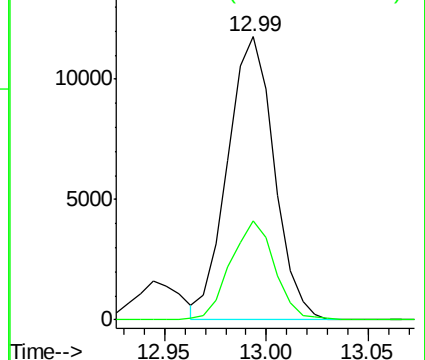
91 100

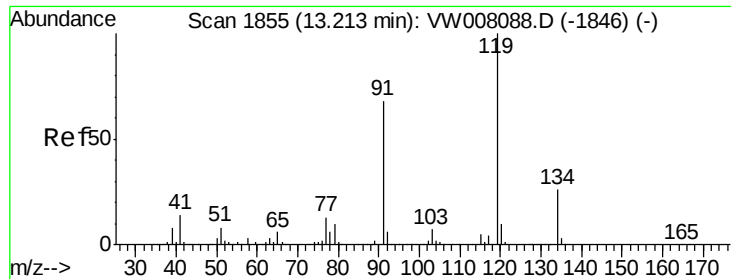
126 33.4 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

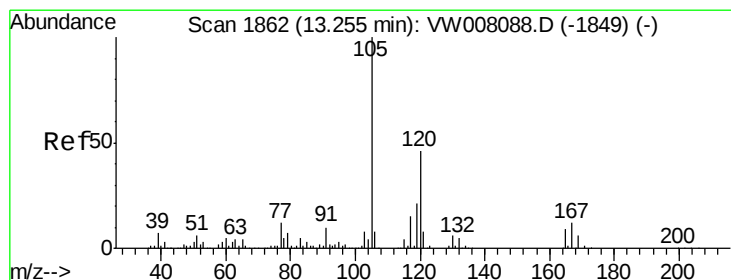
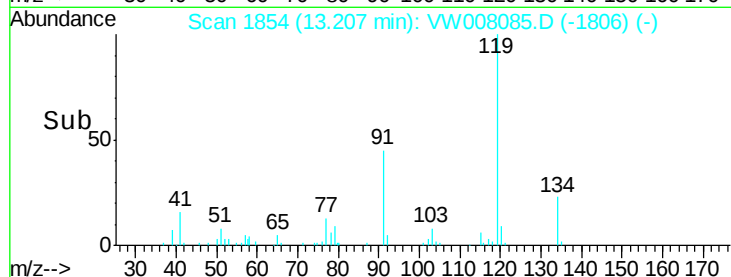
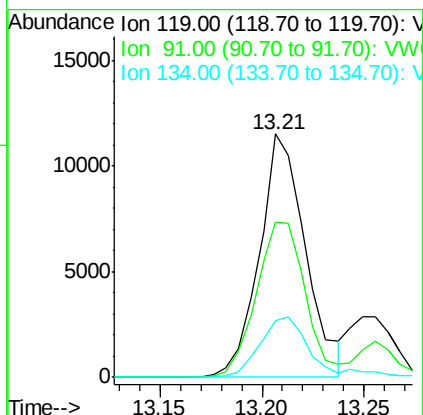
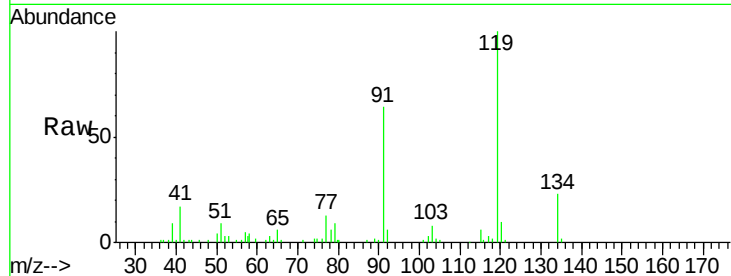




#83
tert-Butylbenzene
Concen: 4.957 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

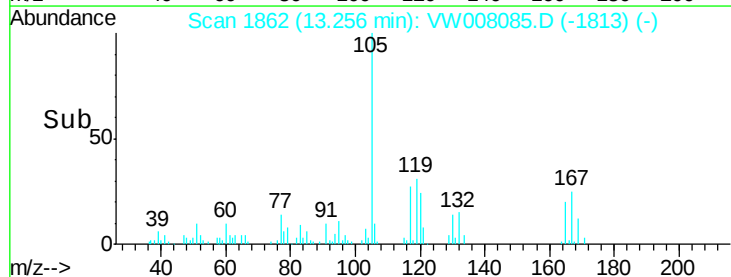
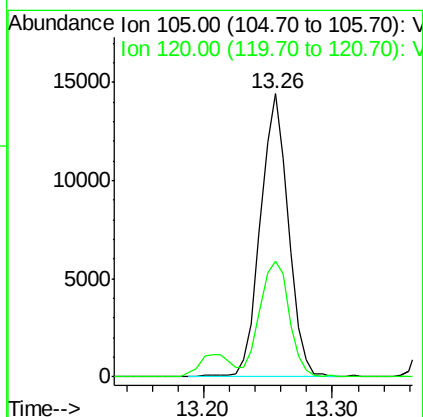
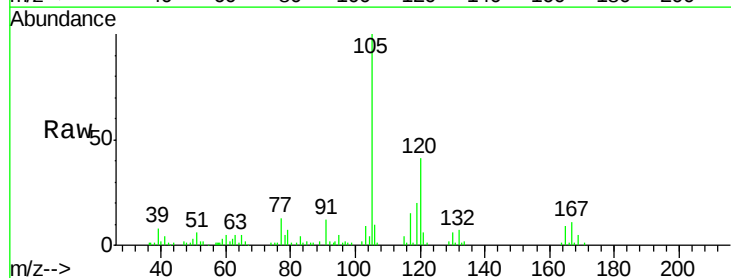
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

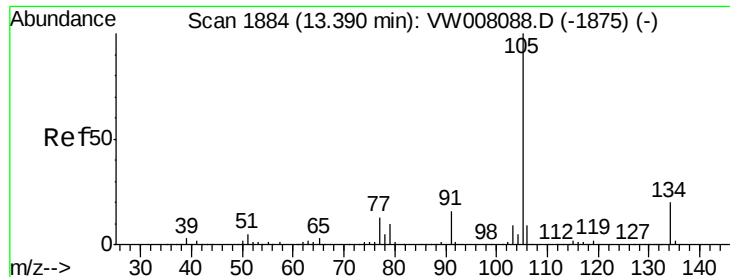
Tot Ion:119 Resp: 18115
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.6
134 27.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 5.102 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion:105 Resp: 21608
Ion Ratio Lower Upper
105 100
120 43.5 22.7 68.1

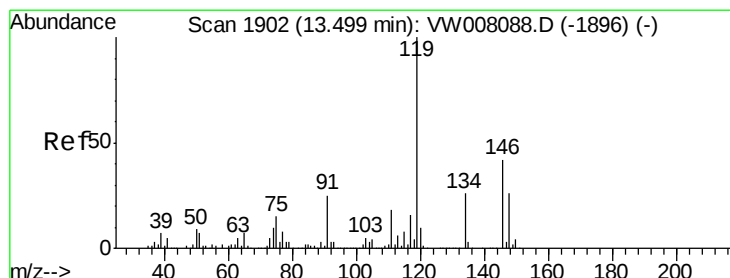
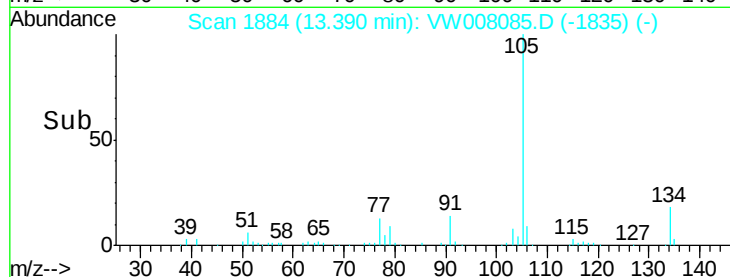
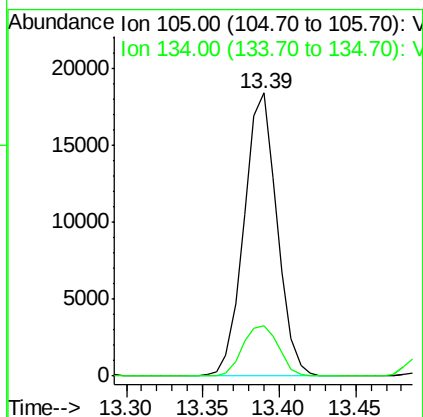
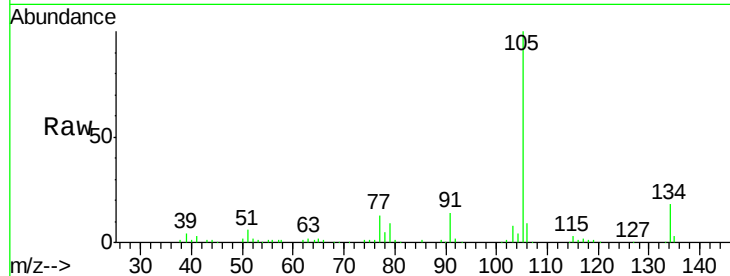




#85
 sec-Butylbenzene
 Concen: 5.436 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

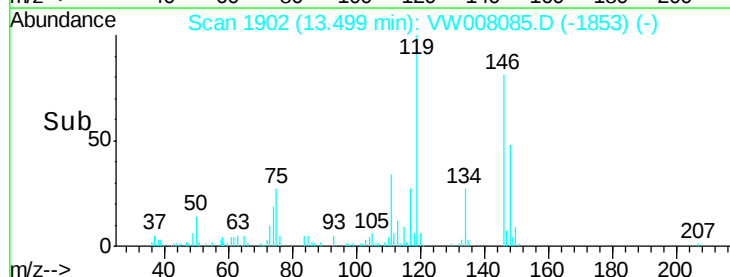
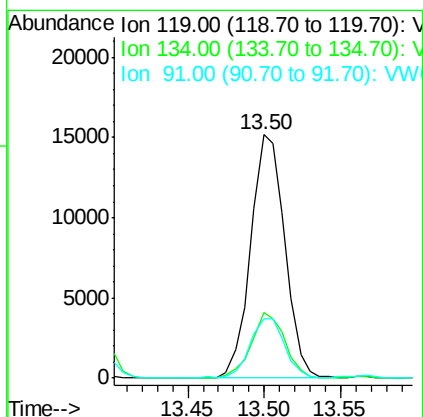
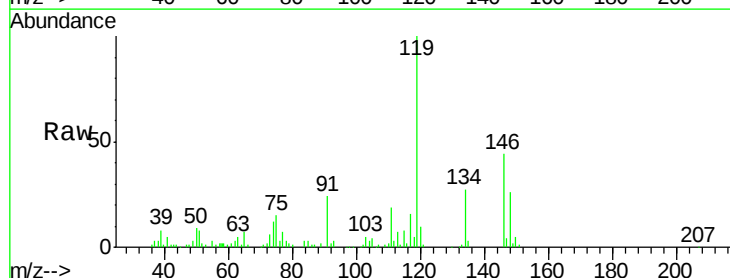
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

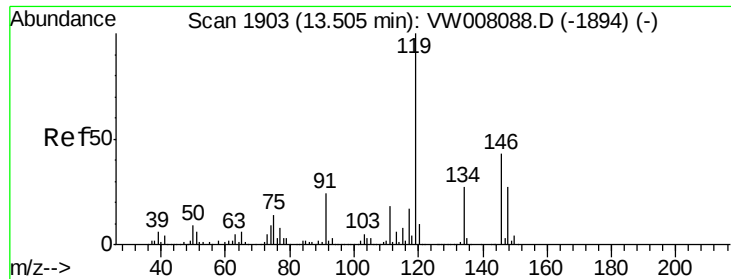
Tot Ion:105 Resp: 27578
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 5.184 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion:119 Resp: 23586
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 25.0 12.3 36.9

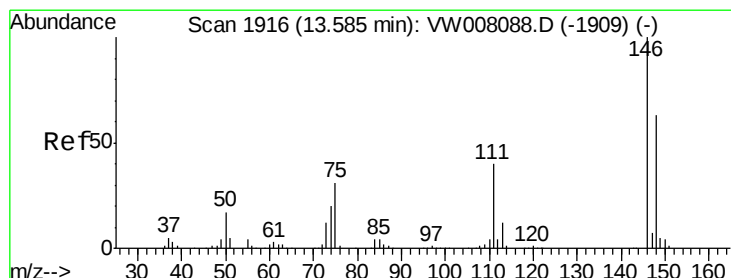
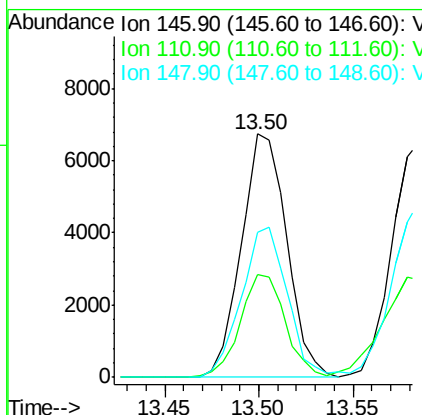
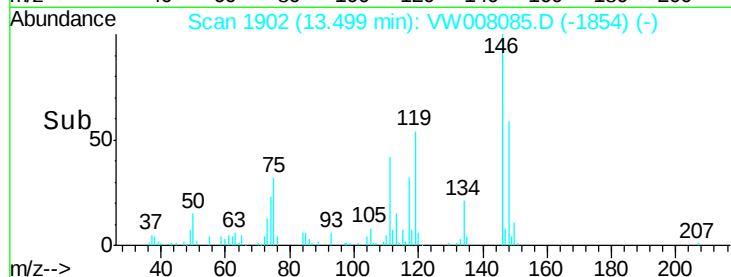
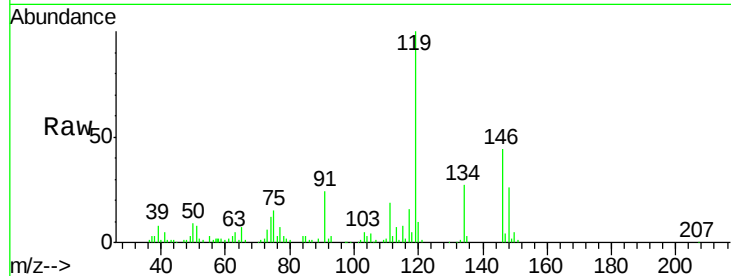




#87
 1,3-Dichlorobenzene
 Concen: 5.324 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

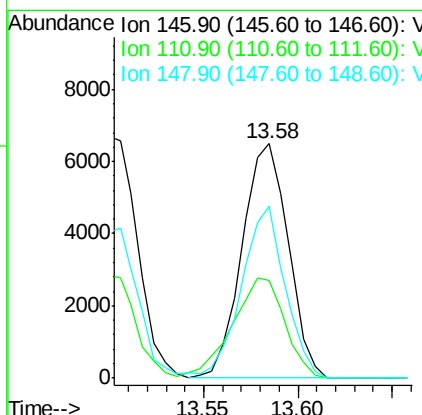
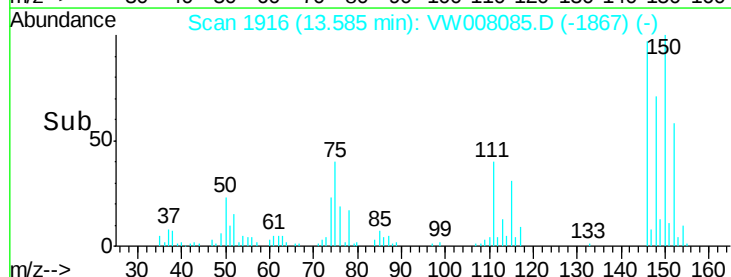
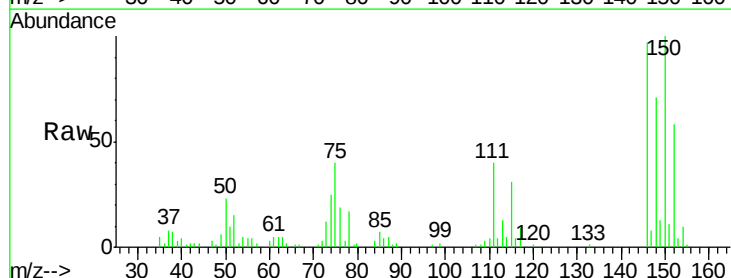
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

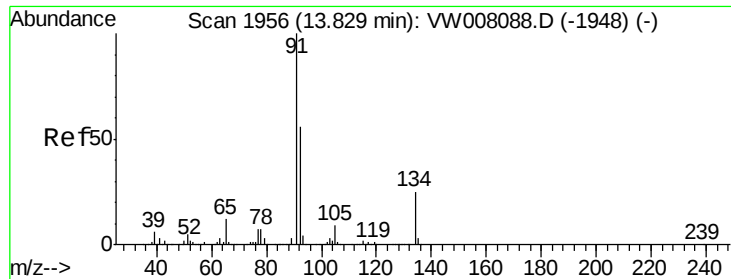
Tot Ion:146 Resp: 11235
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.0 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 5.256 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion:146 Resp: 11004
 Ion Ratio Lower Upper
 146 100
 111 48.7 20.5 61.5
 148 69.0 31.6 94.8

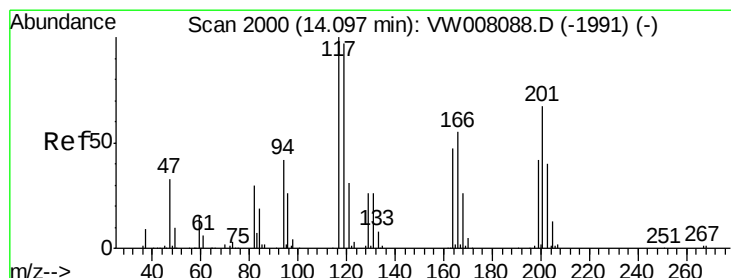
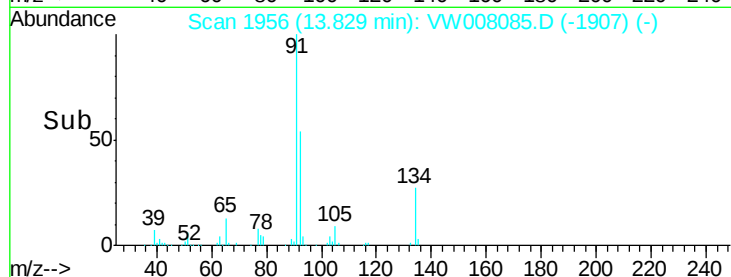
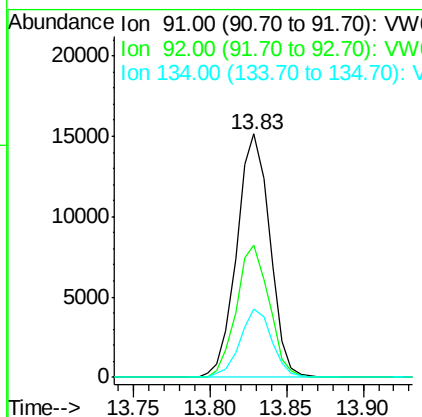
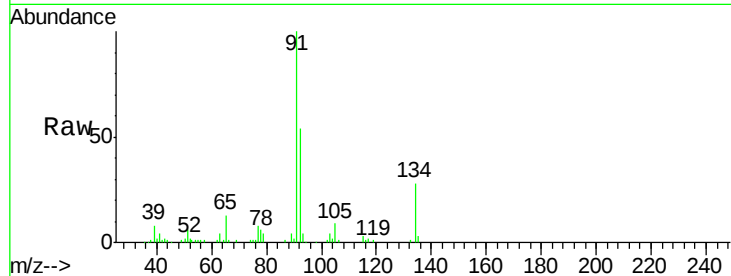




#89
n-Butylbenzene
Concen: 5.401 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

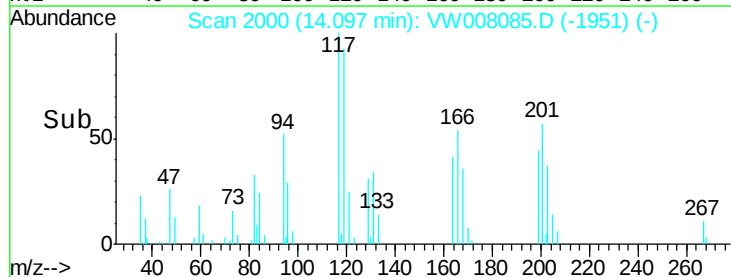
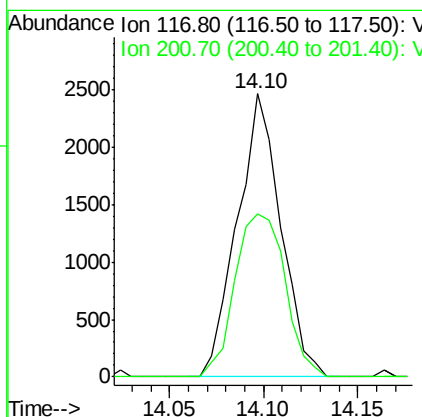
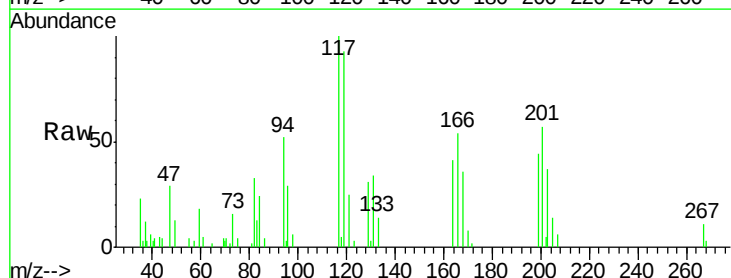
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

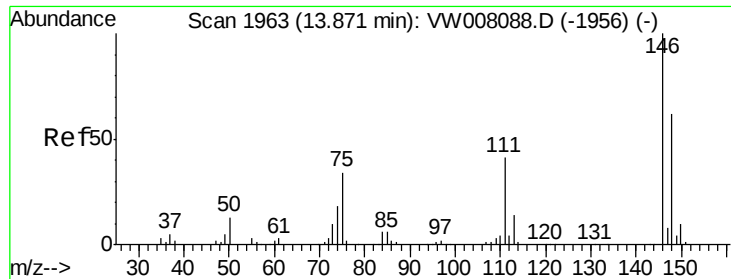
Tot Ion: 91 Resp: 22707
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.2
134 27.1 12.6 37.8



#90
Hexachloroethane
Concen: 5.024 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion: 117 Resp: 3954
Ion Ratio Lower Upper
117 100
201 66.2 33.0 98.9

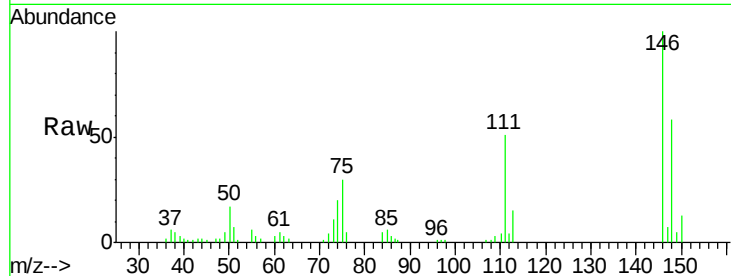




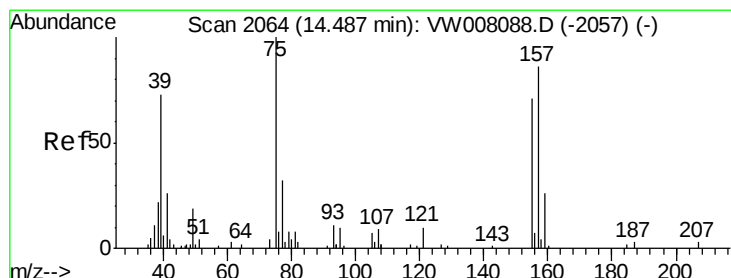
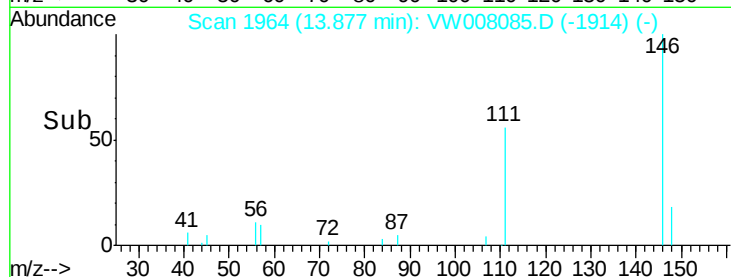
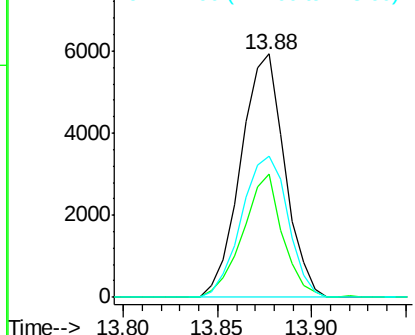
#91
 1,2-Dichlorobenzene
 Concen: 5.131 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 9533
 Ion Ratio Lower Upper
 146 100
 111 46.1 21.3 63.7
 148 61.7 31.5 94.5

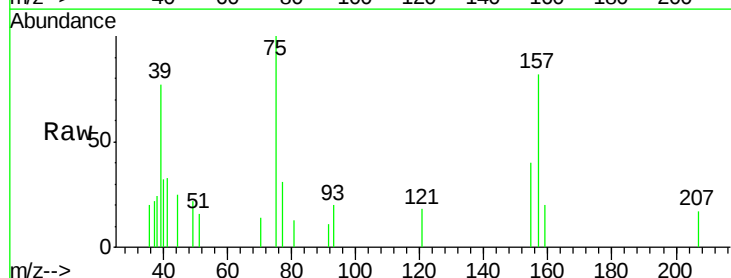


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

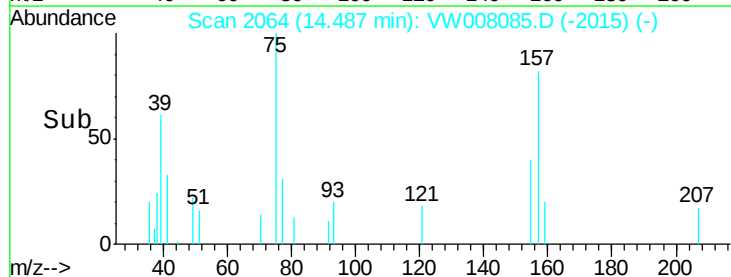
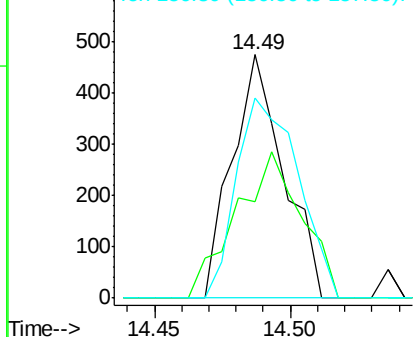


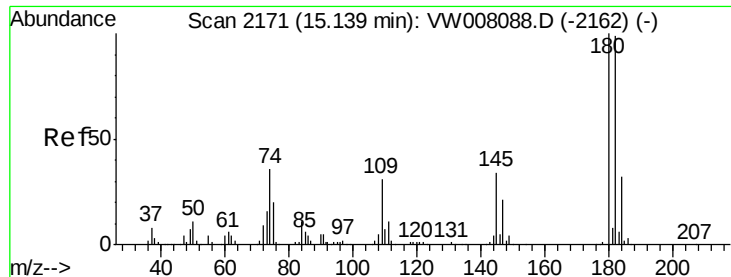
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.898 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion: 75 Resp: 619
 Ion Ratio Lower Upper
 75 100
 155 76.9 38.6 115.7
 157 99.7 47.5 142.6



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

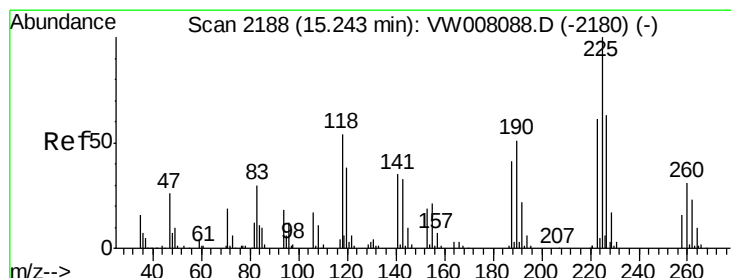
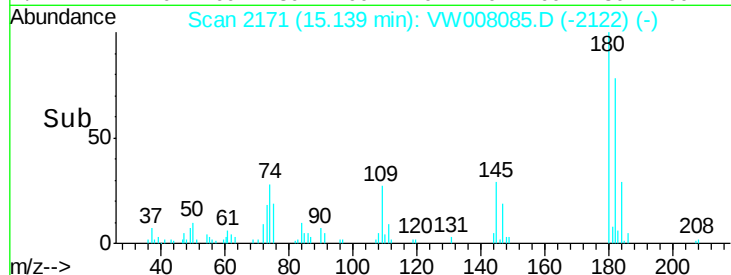
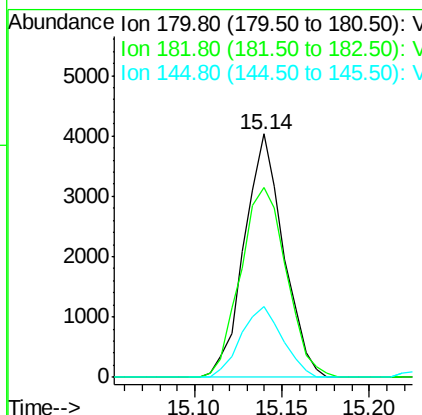
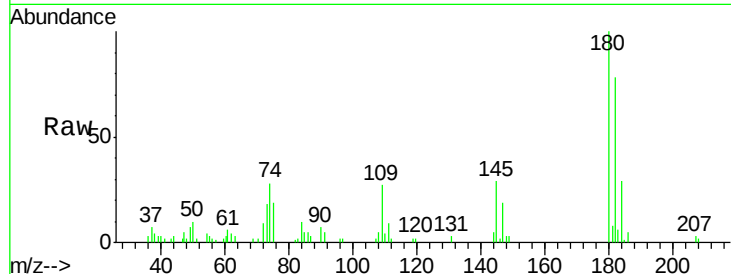




#93
 1,2,4-Trichlorobenzene
 Concen: 4.901 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

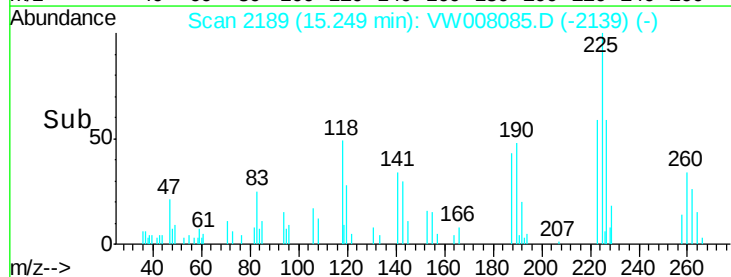
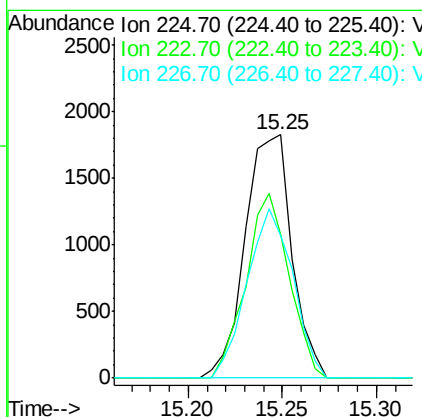
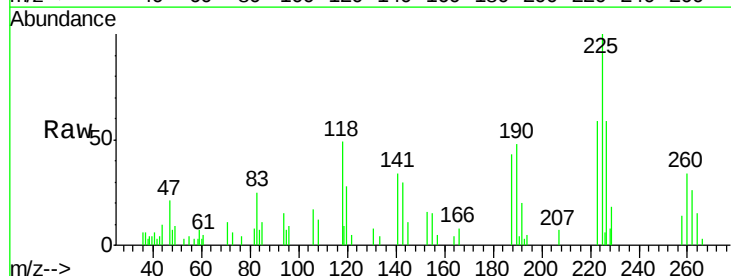
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

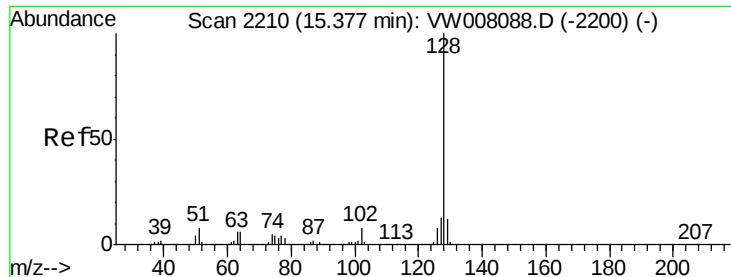
Tot Ion:180 Resp: 6282
 Ion Ratio Lower Upper
 180 100
 182 91.2 48.6 145.9
 145 30.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 4.278 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW008085.D
 Acq: 08 Jan 2019 14:45

Tgt Ion:225 Resp: 3143
 Ion Ratio Lower Upper
 225 100
 223 70.1 31.4 94.3
 227 68.2 32.0 96.2

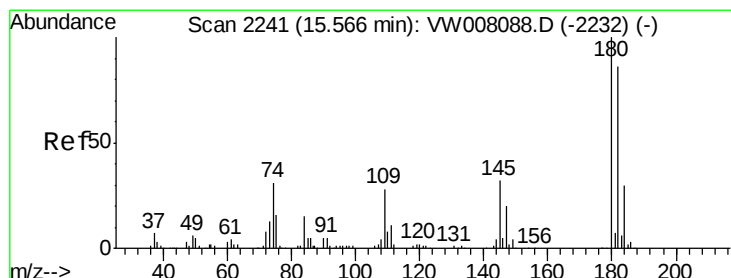
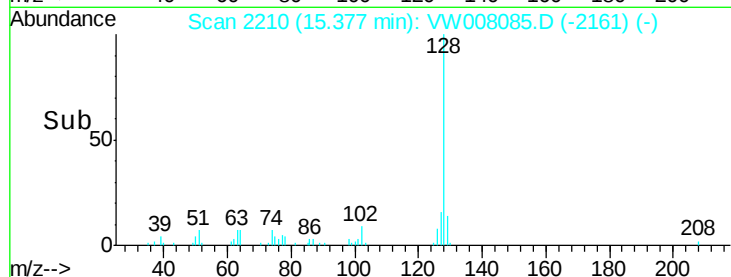
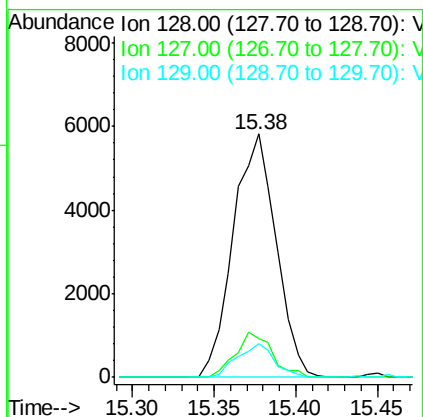
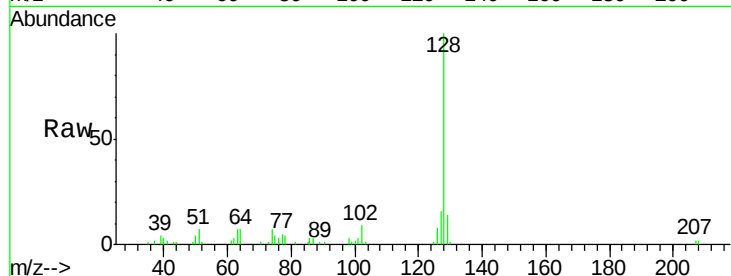




#95
Naphthalene
Concen: 4.800 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 10665
Ion Ratio Lower Upper
128 100
127 15.8 11.0 16.4
129 12.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 4.782 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008085.D
Acq: 08 Jan 2019 14:45

Tgt Ion:180 Resp: 5100
Ion Ratio Lower Upper
180 100
182 100.2 46.5 139.3
145 35.8 17.4 52.2

