

Data File : VW007904.D
Acq On : 24 Dec 2018 23:12
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Dec 25 03:40:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4326	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
35) Dibromofluoromethane	7.88	113	3868	4.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.40%	
50) Toluene-d8	10.32	98	14716	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	12.62	95	5985	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	2598	3.809 ug/l	91
3) Chloromethane	2.21	50	2653	5.922 ug/l	98
4) Vinyl Chloride	2.37	62	3532	6.242 ug/l	97
5) Bromomethane	2.78	94	2171	5.557 ug/l	89
6) Chloroethane	2.93	64	1726	5.670 ug/l	93
7) Trichlorofluoromethane	3.25	101	2162	3.900 ug/l	96
8) Diethyl Ether	3.68	74	2105	5.973 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4027	4.859 ug/l	90
10) Methyl Iodide	4.26	142	6585	4.978 ug/l	98
11) Tert butyl alcohol	5.17	59	2498	41.902 ug/l #	81
12) 1,1-Dichloroethene	4.03	96	3702	4.804 ug/l	91
13) Acrolein	3.88	56	1202	26.724 ug/l	98
14) Allyl chloride	4.66	41	5839	5.602 ug/l	99
15) Acrylonitrile	5.37	53	4580	29.948 ug/l	97
16) Acetone	4.12	43	4603	28.850 ug/l	99
17) Carbon Disulfide	4.37	76	10801	4.582 ug/l	98
18) Methyl Acetate	4.67	43	2548	6.298 ug/l #	80
19) Methyl tert-butyl Ether	5.43	73	6857	5.974 ug/l	96
20) Methylene Chloride	4.90	84	10699	10.764 ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	4368	5.136 ug/l	93
22) Diisopropyl ether	6.31	45	12461	6.350 ug/l #	95
23) Vinyl Acetate	6.25	43	32817	28.444 ug/l #	94
24) 1,1-Dichloroethane	6.21	63	7957	5.616 ug/l	99
25) 2-Butanone	7.17	43	5867	30.296 ug/l	100
26) 2,2-Dichloropropane	7.15	77	5515	5.421 ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	4905	5.371 ug/l	94
28) Bromochloromethane	7.51	49	2925	6.014 ug/l #	94
29) Tetrahydrofuran	7.52	42	3441	29.409 ug/l	97
30) Chloroform	7.67	83	8532	5.381 ug/l	100
31) Cyclohexane	7.95	56	8175	6.339 ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	7161	5.001 ug/l	98
36) 1,1-Dichloropropene	8.08	75	6208	4.825 ug/l	97
37) Ethyl Acetate	7.26	43	2720	5.957 ug/l	97
38) Carbon Tetrachloride	8.07	117	6364	4.272 ug/l	95

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ClientSampleId :
VSTDIC005

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	7728	4.827	ug/l	93
40) Benzene	8.32	78	17198	4.963	ug/l	99
41) Methacrylonitrile	7.48	41	1632	6.103	ug/l	90
42) 1,2-Dichloroethane	8.40	62	6059	5.236	ug/l	99
43) Isopropyl Acetate	8.43	43	5251	5.731	ug/l	97
44) Trichloroethene	9.09	130	4823	4.654	ug/l	100
45) 1,2-Dichloropropane	9.37	63	4103	5.286	ug/l	94
46) Dibromomethane	9.46	93	2385	5.066	ug/l	98
47) Bromodichloromethane	9.64	83	5703	4.613	ug/l	99
48) Methyl methacrylate	9.44	41	2368	5.161	ug/l	93
49) 1,4-Dioxane	9.45	88	692	91.829	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	12397	28.451	ug/l	97
52) Toluene	10.39	92	12231	5.277	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	5796	4.683	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	6791	4.967	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	3451	5.263	ug/l	91
56) Ethyl methacrylate	10.65	69	3979	5.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	5832	5.333	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	10057	28.122	ug/l	100
59) 2-Hexanone	10.97	43	7901	25.888	ug/l	97
60) Dibromochloromethane	11.13	129	3753	4.396	ug/l	99
61) 1,2-Dibromoethane	11.24	107	3181	4.800	ug/l	98
64) Tetrachloroethene	10.87	164	4094	4.760	ug/l	96
65) Chlorobenzene	11.66	112	13411	5.093	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	4156	4.444	ug/l	96
67) Ethyl Benzene	11.73	91	22478	4.960	ug/l	100
68) m/p-Xylenes	11.84	106	17690	10.104	ug/l	99
69) o-Xylene	12.17	106	8715	5.299	ug/l	92
70) Styrene	12.18	104	13583	5.020	ug/l	96
71) Bromoform	12.35	173	1923	4.032	ug/l #	92
73) Isopropylbenzene	12.47	105	22605	4.975	ug/l	100
74) N-amyl acetate	12.27	43	4322	5.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	3745	5.425	ug/l	96
76) 1,2,3-Trichloropropane	12.93	75	670	1.413	ug/l	82
77) Bromobenzene	12.75	156	5148	4.954	ug/l	98
78) n-propylbenzene	12.81	91	26881	5.080	ug/l	99
79) 2-Chlorotoluene	12.90	91	16065	5.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	19918	5.082	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	1024	4.642	ug/l	99
82) 4-Chlorotoluene	12.99	91	16789	5.112	ug/l	99
83) tert-Butylbenzene	13.21	119	17336	5.042	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	20164	5.096	ug/l	100
85) sec-Butylbenzene	13.39	105	24009	5.073	ug/l	99
86) p-Isopropyltoluene	13.50	119	21217	4.939	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	10764	5.209	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	10532	5.113	ug/l	91
89) n-Butylbenzene	13.83	91	19527	4.955	ug/l	99
90) Hexachloroethane	14.10	117	3135	4.213	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	9669	5.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	651	4.635	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122618\
Quantitation Report (Not Reviewed)

Data File : VW007904.D
Acq On : 24 Dec 2018 23:12
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

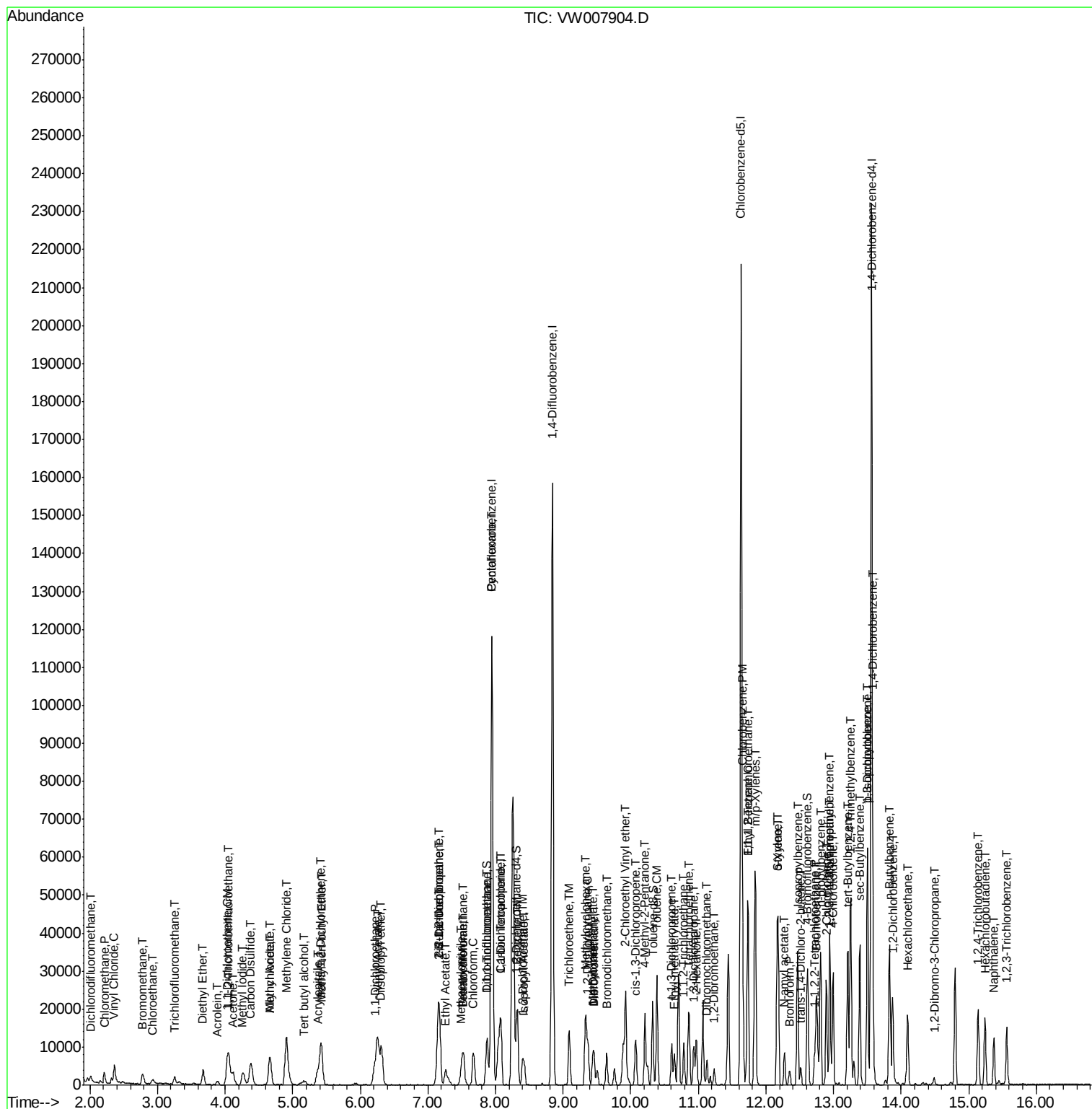
Quant Time: Dec 25 03:40:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
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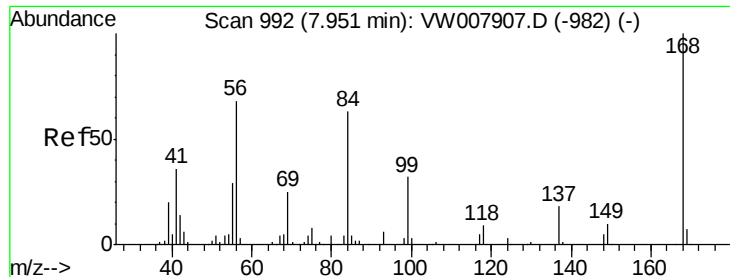
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6095	4.773	ug/l	98
94) Hexachlorobutadiene	15.24	225	3127	4.591	ug/l	97
95) Naphthalene	15.37	128	11042	4.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	5088	4.632	ug/l	95

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Dec 25 03:40:01 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

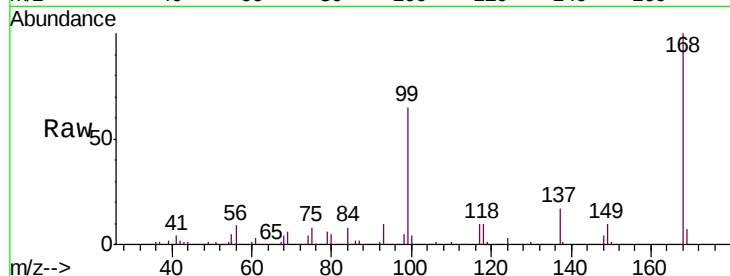
VSTDIC005

Tgt Ion: 168 Resp: 77591

Ion Ratio Lower Upper

168 100

99 65.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

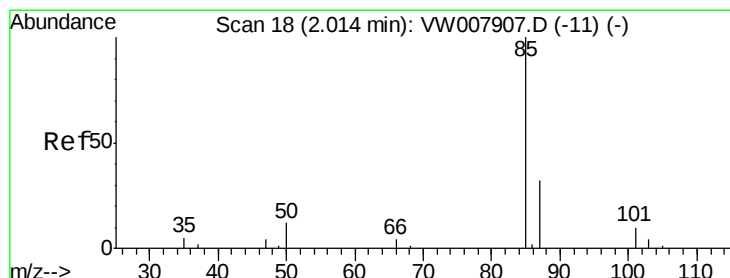
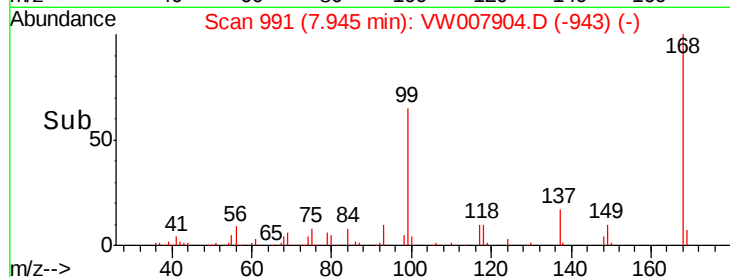
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 3.809 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007904.D

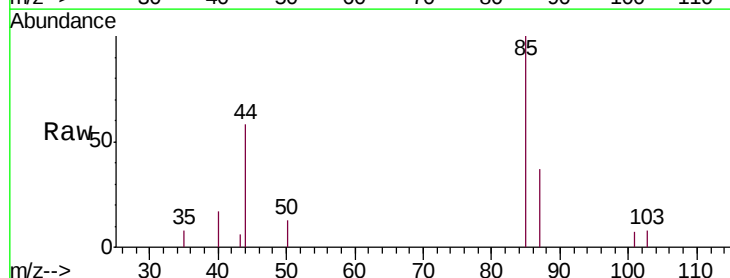
Acq: 24 Dec 2018 23:12

Tgt Ion: 85 Resp: 2598

Ion Ratio Lower Upper

85 100

87 37.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

1000

800

600

400

200

0

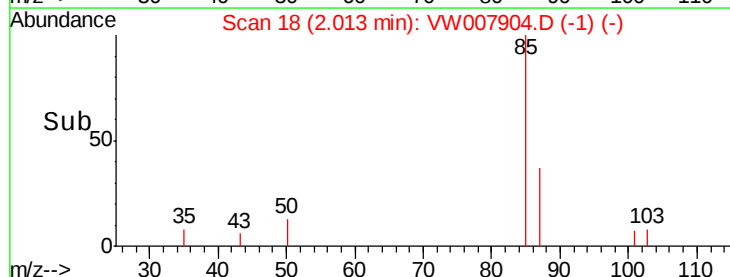
1.95

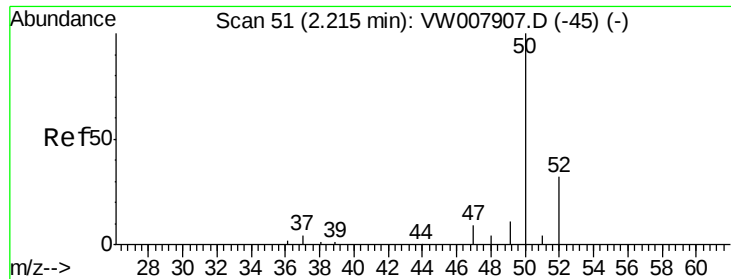
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 5.922 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

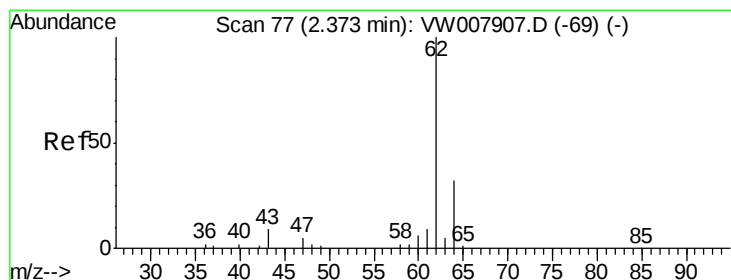
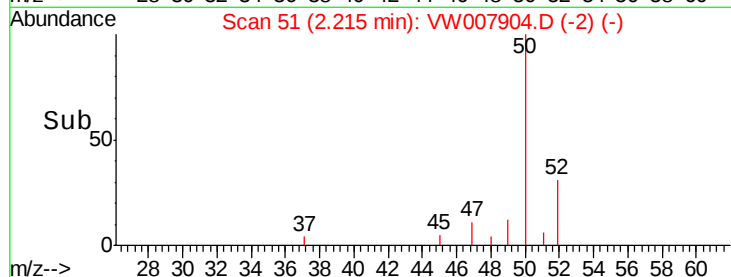
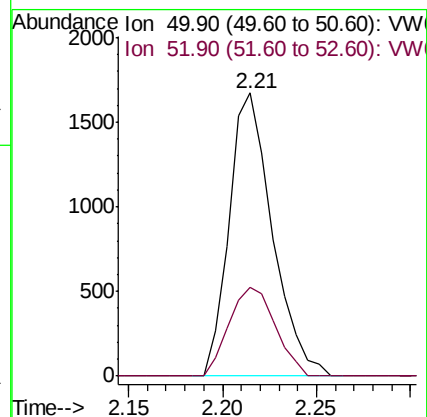
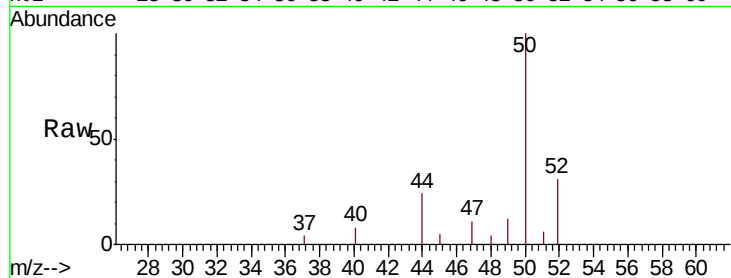
VSTDIC005

Tgt Ion: 50 Resp: 2653

Ion Ratio Lower Upper

50 100

52 31.2 25.6 38.4



#4

Vinyl Chloride

Concen: 6.242 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW007904.D

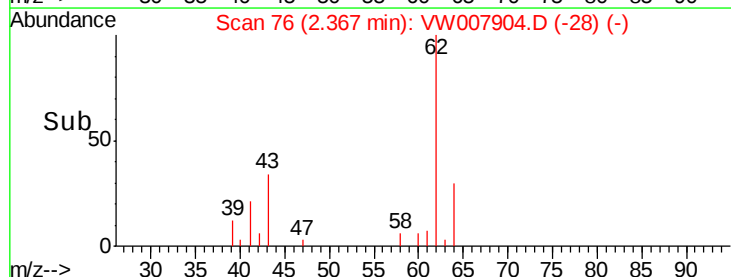
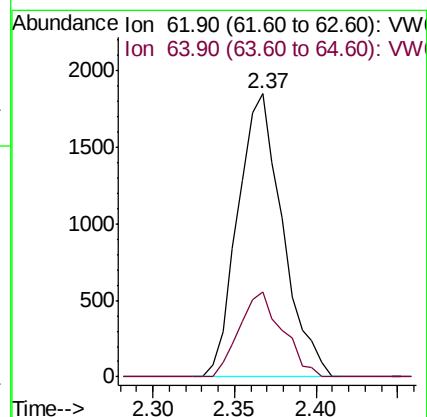
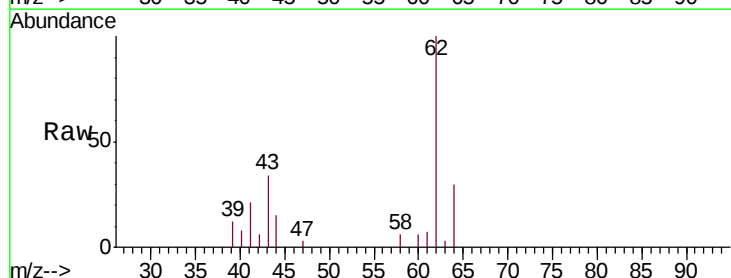
Acq: 24 Dec 2018 23:12

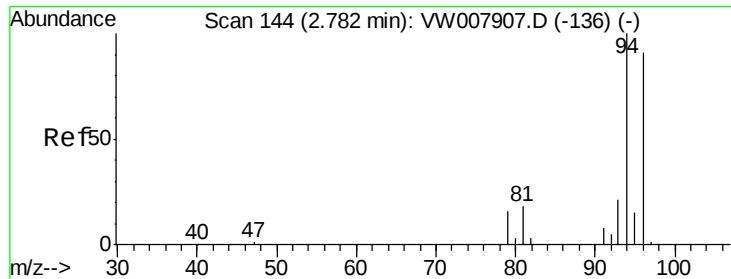
Tgt Ion: 62 Resp: 3532

Ion Ratio Lower Upper

62 100

64 30.1 25.3 37.9

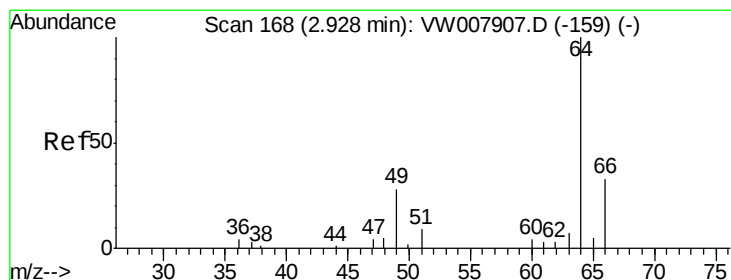
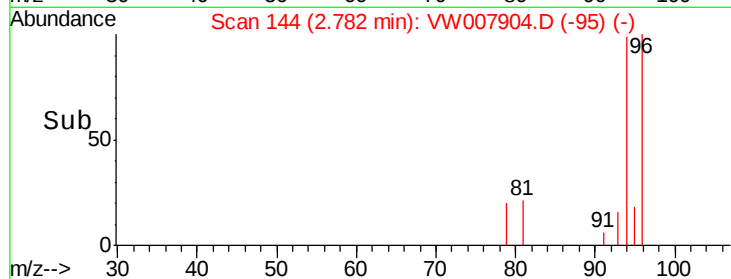
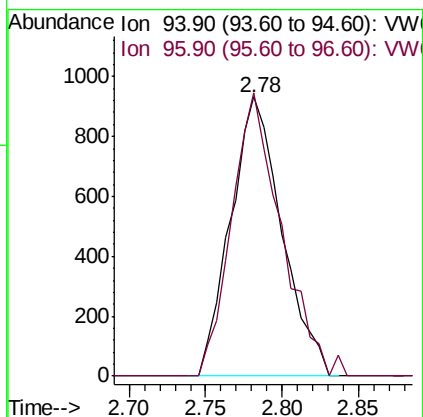
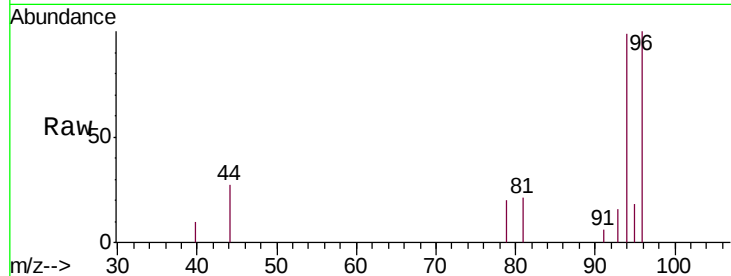




#5
Bromomethane
Concen: 5.557 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

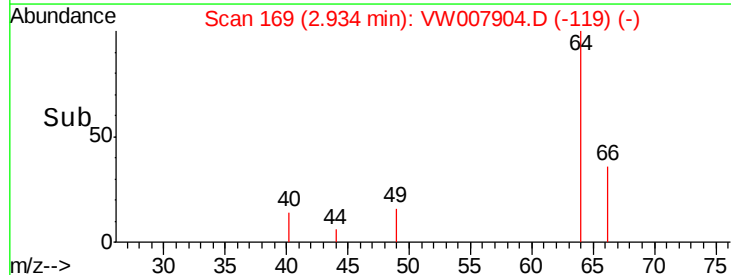
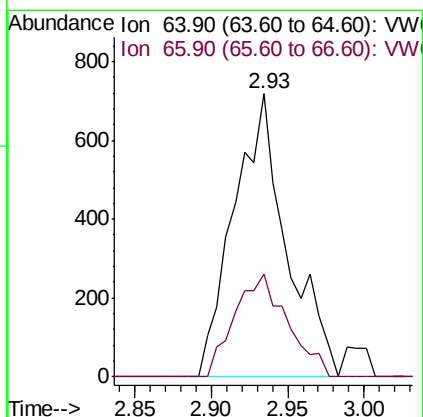
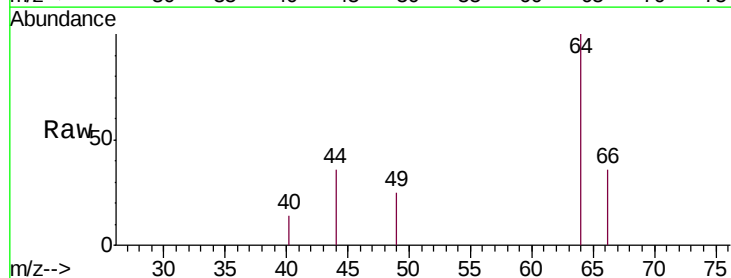
Instrument :
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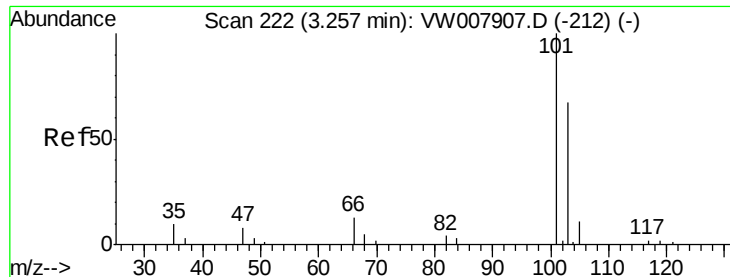
Tgt Ion: 94 Resp: 2171
Ion Ratio Lower Upper
94 100
96 101.3 72.7 109.1



#6
Chloroethane
Concen: 5.670 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 64 Resp: 1726
Ion Ratio Lower Upper
64 100
66 36.5 26.2 39.2





#7

Trichlorofluoromethane

Concen: 3.900 ug/l

RT: 3.25 min Scan# 221

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

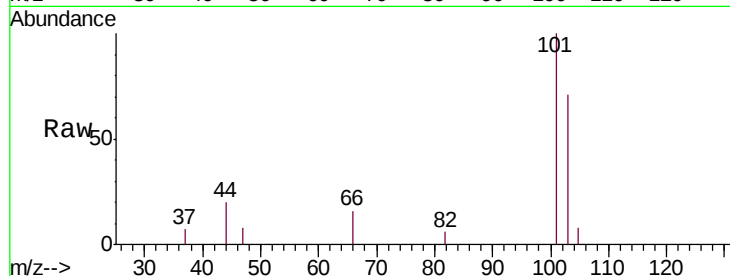
VSTDIC005

Tgt Ion:101 Resp: 2162

Ion Ratio Lower Upper

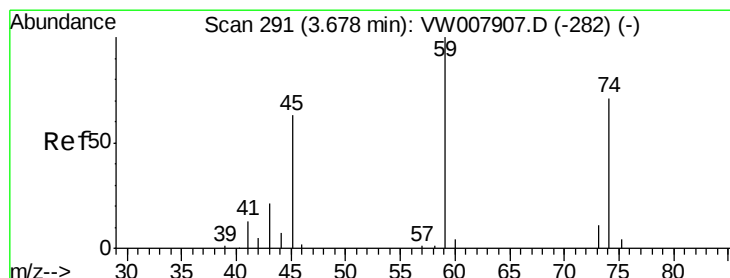
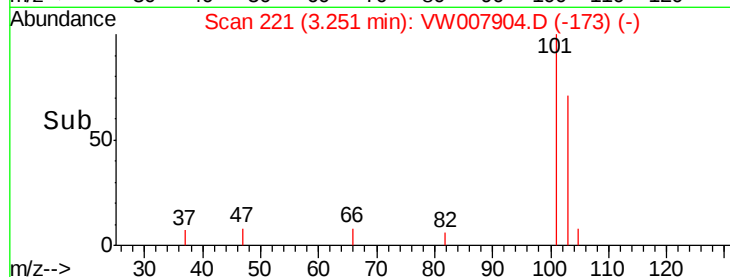
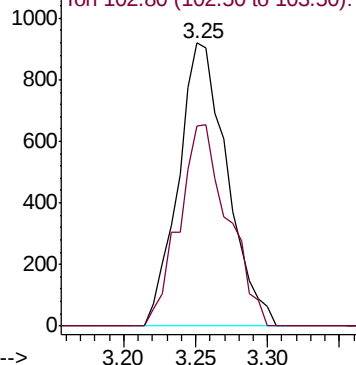
101 100

103 70.6 53.8 80.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.973 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007904.D

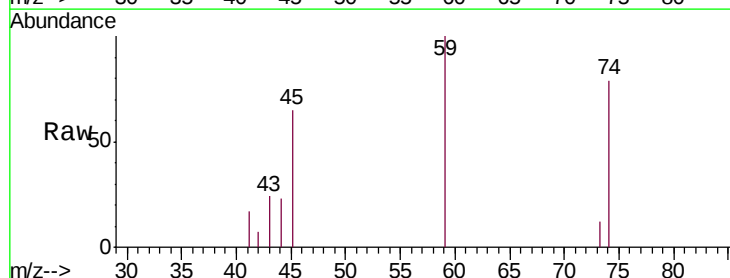
Acq: 24 Dec 2018 23:12

Tgt Ion: 74 Resp: 2105

Ion Ratio Lower Upper

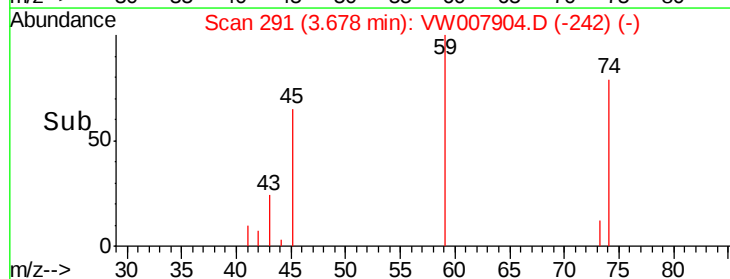
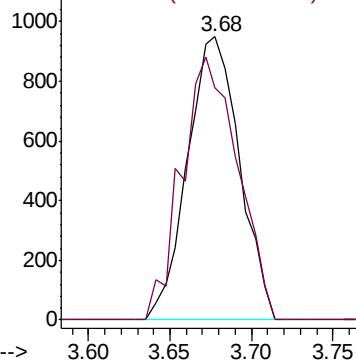
74 100

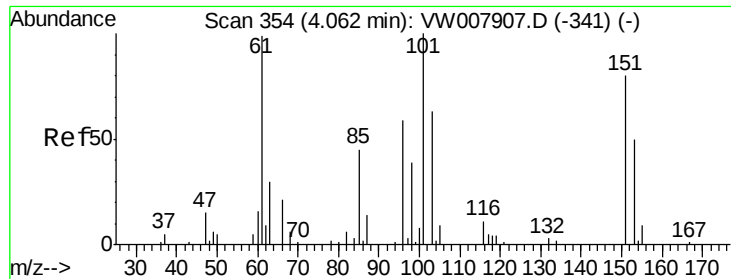
45 100.4 44.3 132.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.859 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

VSTDIC005

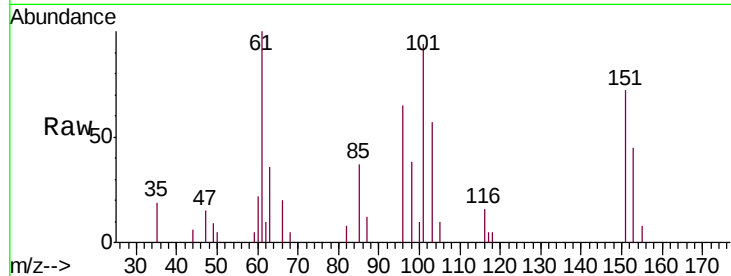
Tgt Ion:101 Resp: 4027

Ion Ratio Lower Upper

101 100

85 39.0 35.8 53.6

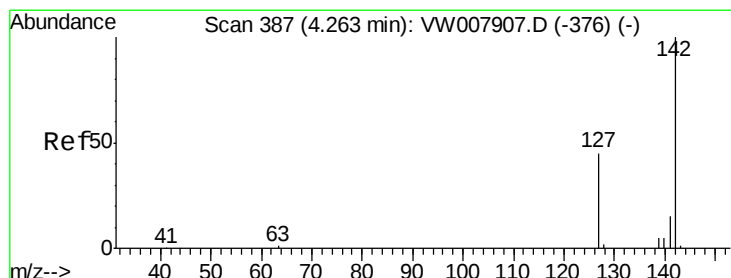
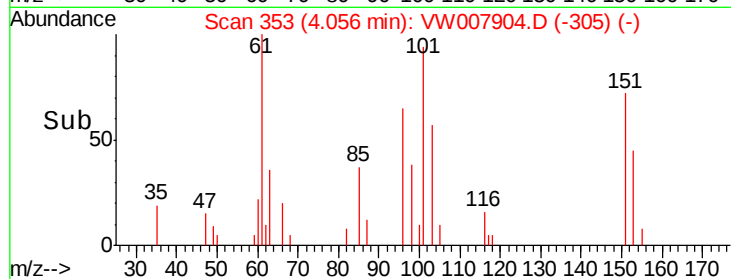
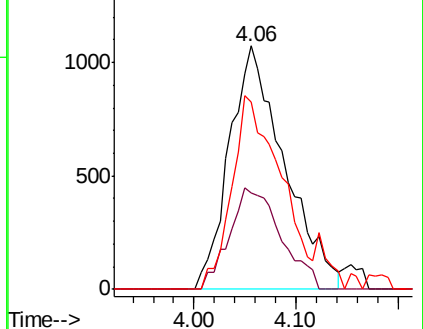
151 70.2 63.2 94.8



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: 4.978 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

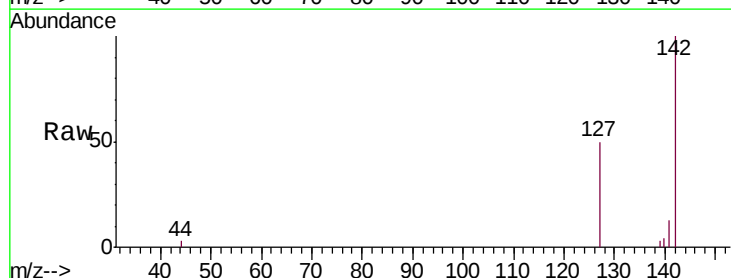
Tgt Ion:142 Resp: 6585

Ion Ratio Lower Upper

142 100

127 44.6 36.2 54.4

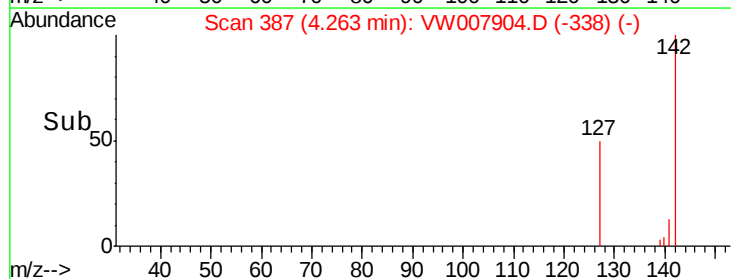
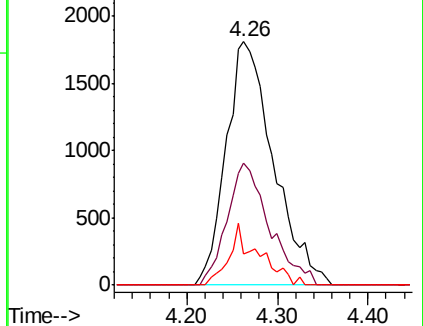
141 15.9 11.6 17.4

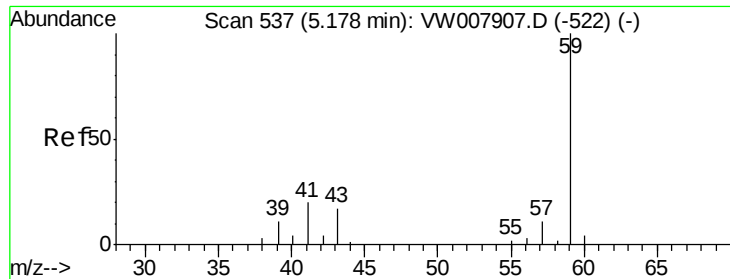


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

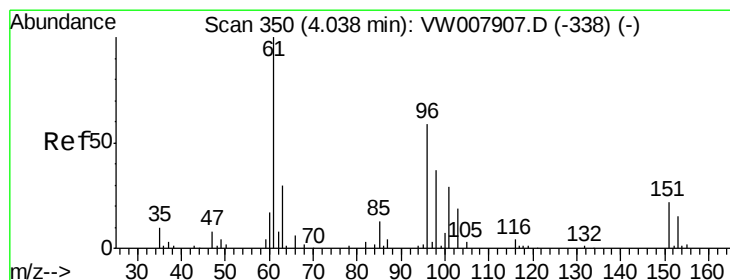
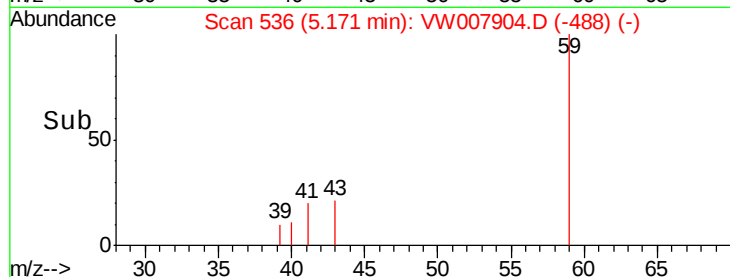
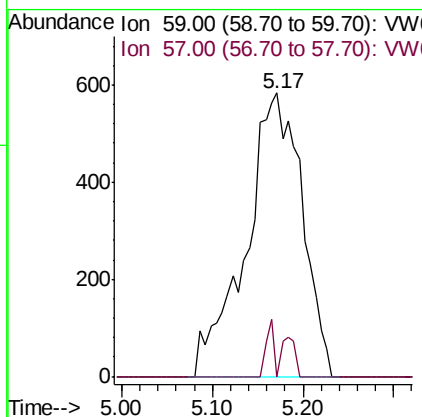
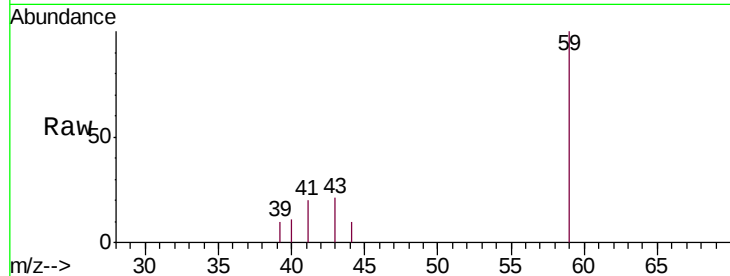




#11
Tert butyl alcohol
Concen: 41.902 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

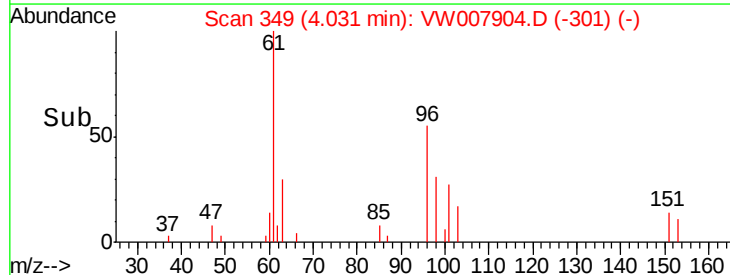
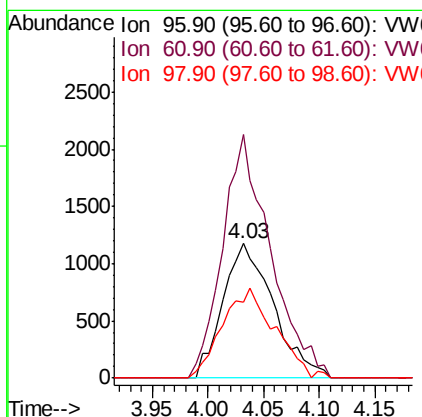
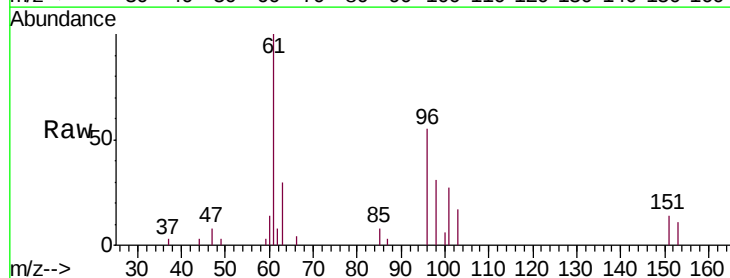
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

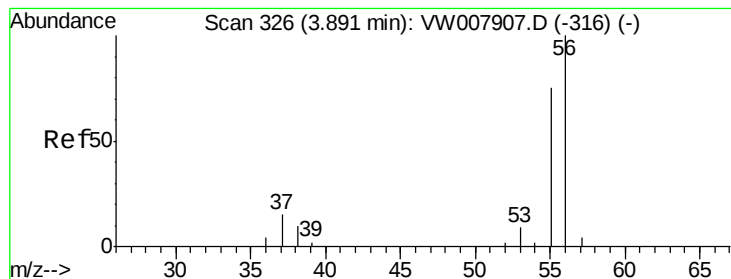
Tgt Ion: 59 Resp: 2498
Ion Ratio Lower Upper
59 100
57 2.8 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 4.804 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 96 Resp: 3702
Ion Ratio Lower Upper
96 100
61 181.3 134.5 201.7
98 56.6 50.2 75.2





#13

Acrolein

Concen: 26.724 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

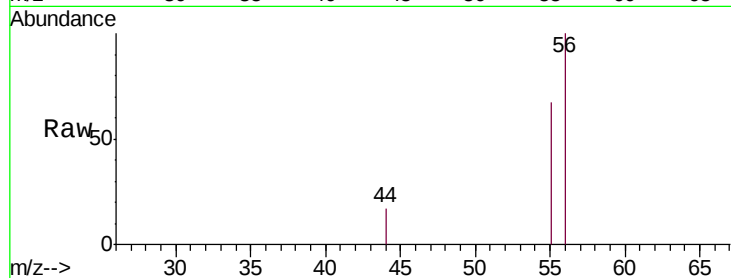
VSTDIC005

Tgt Ion: 56 Resp: 1202

Ion Ratio Lower Upper

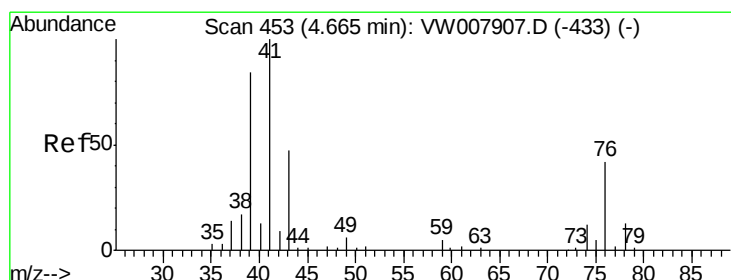
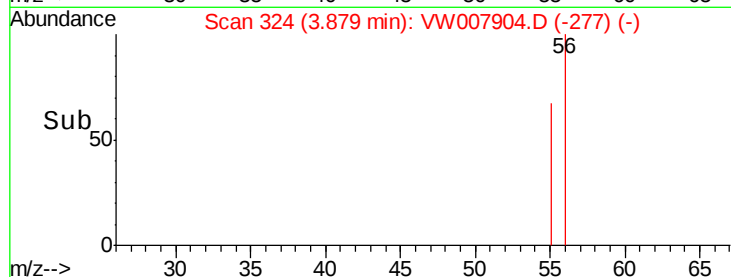
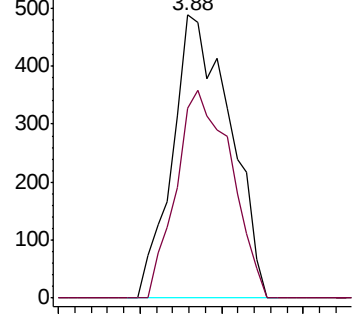
56 100

55 70.0 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 5.602 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

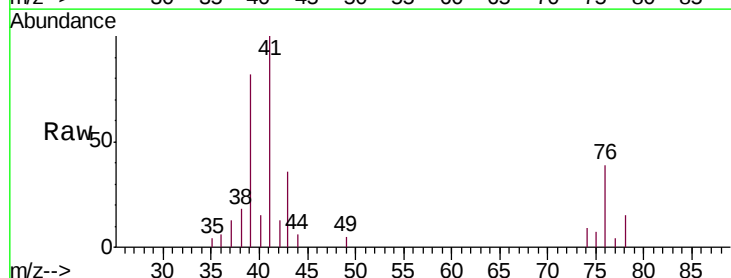
Tgt Ion: 41 Resp: 5839

Ion Ratio Lower Upper

41 100

39 79.3 62.6 93.8

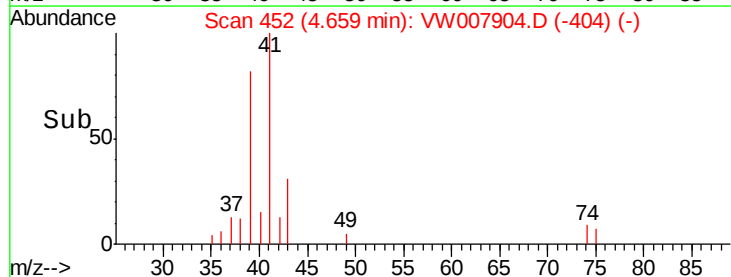
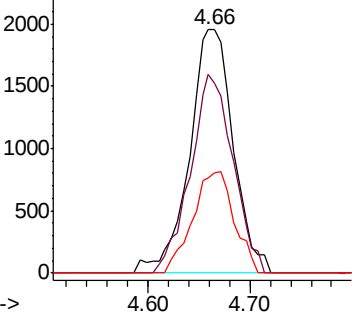
76 39.2 31.1 46.7

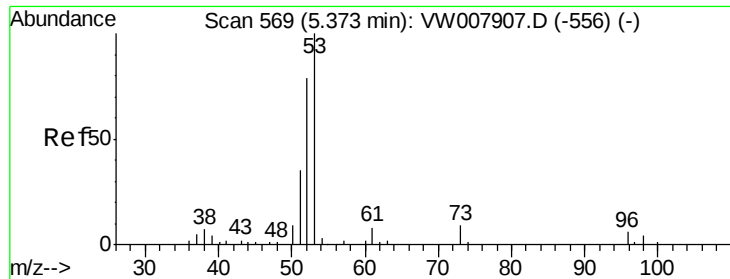


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

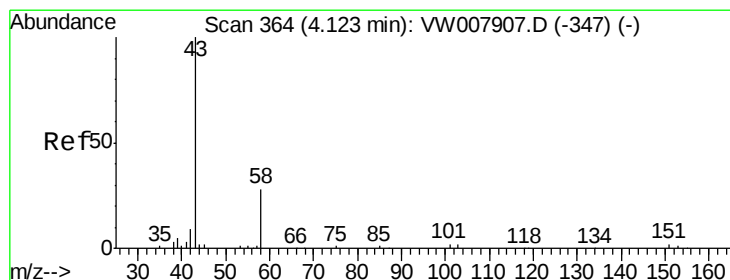
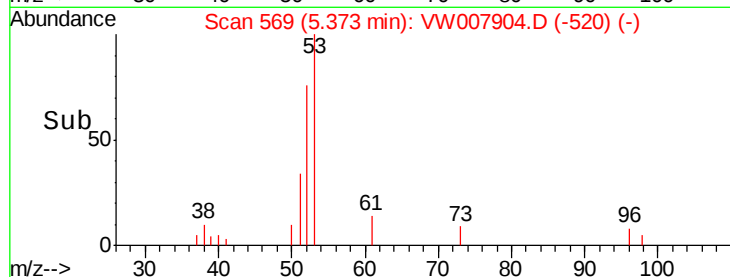
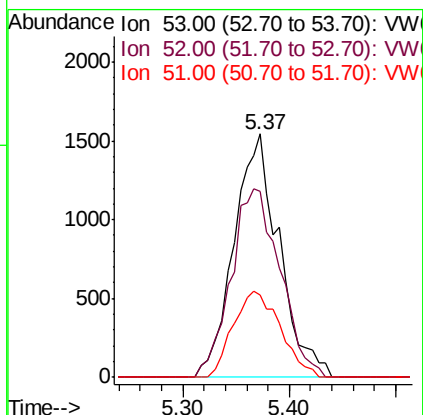
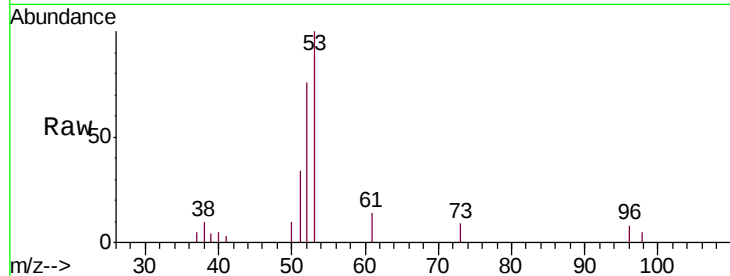




#15
 Acrylonitrile
 Concen: 29.948 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

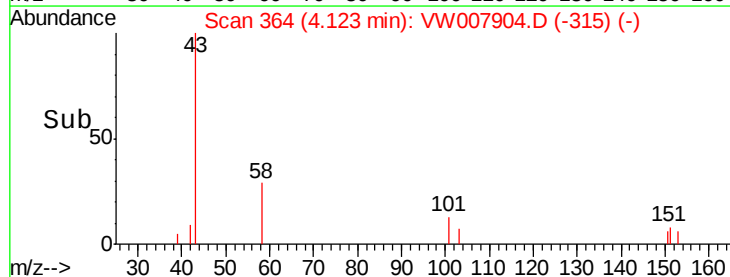
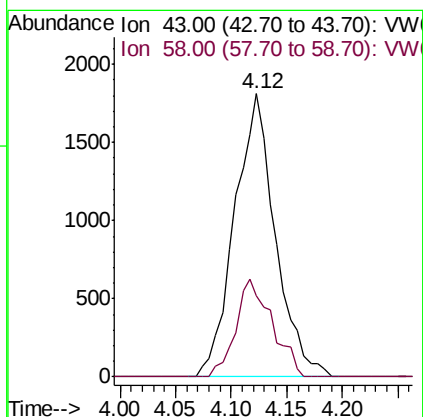
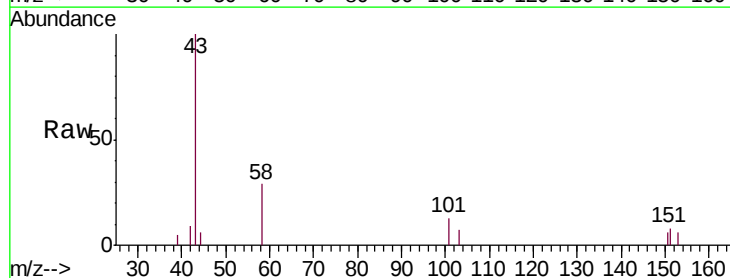
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

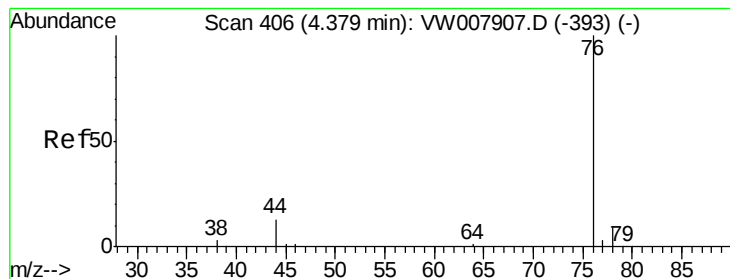
Tgt Ion: 53 Resp: 4580
 Ion Ratio Lower Upper
 53 100
 52 84.0 65.2 97.8
 51 37.1 30.6 45.8



#16
 Acetone
 Concen: 28.850 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 43 Resp: 4603
 Ion Ratio Lower Upper
 43 100
 58 28.9 22.8 34.2





#17

Carbon Disulfide

Concen: 4.582 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

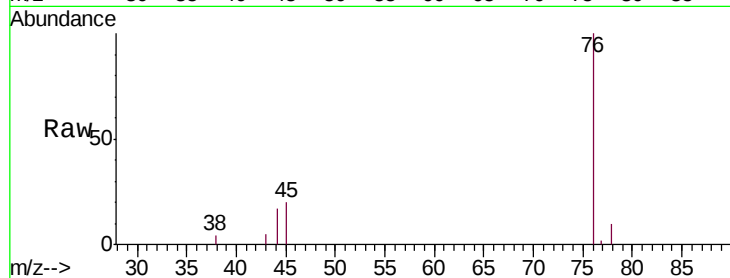
VSTDIC005

Tgt Ion: 76 Resp: 10801

Ion Ratio Lower Upper

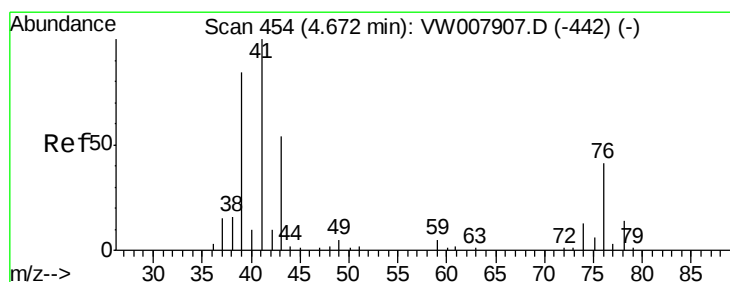
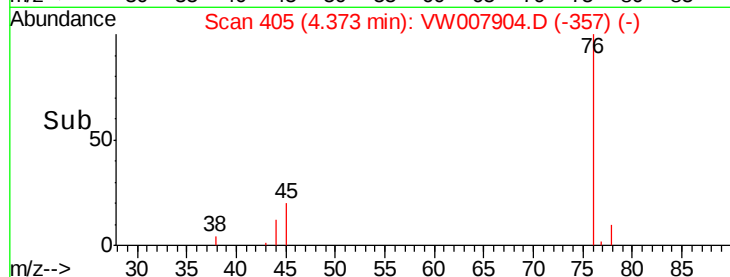
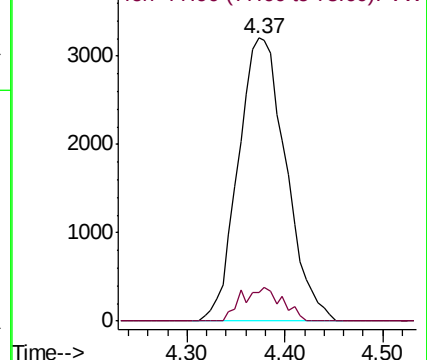
76 100

78 10.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.298 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW007904.D

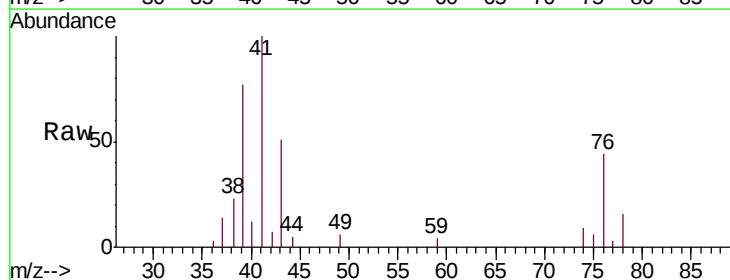
Acq: 24 Dec 2018 23:12

Tgt Ion: 43 Resp: 2548

Ion Ratio Lower Upper

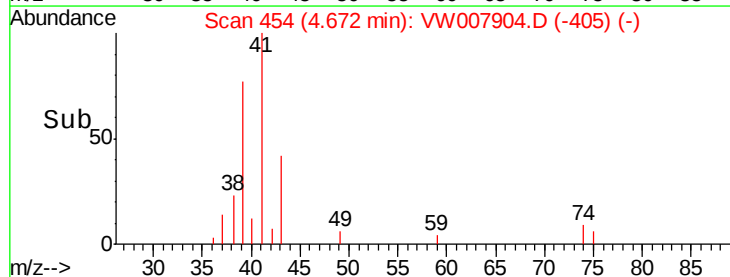
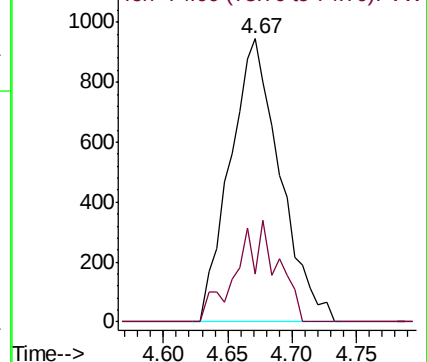
43 100

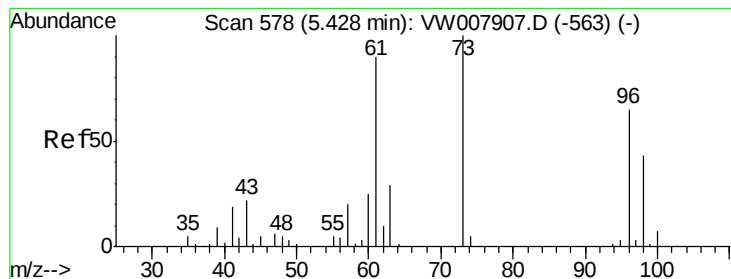
74 15.3 20.4 30.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



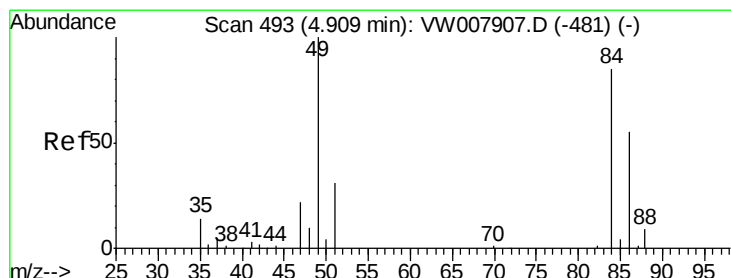
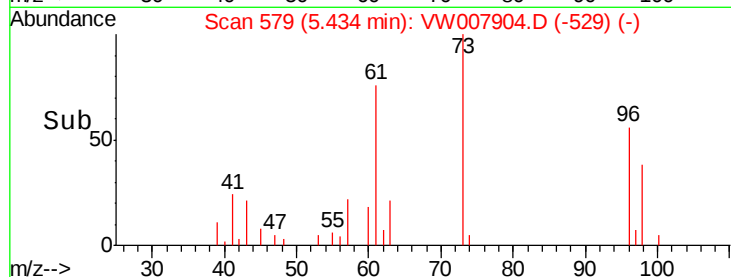
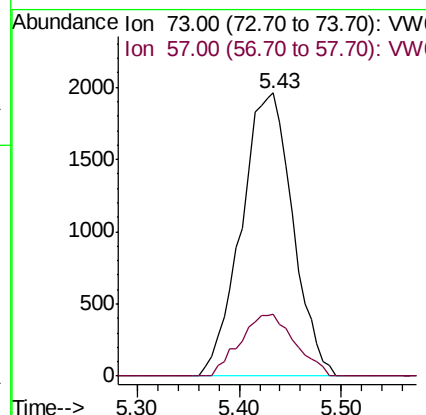
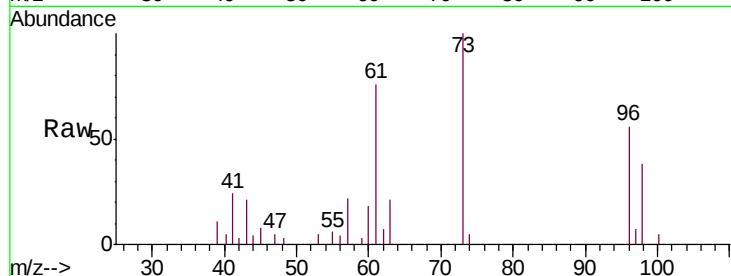


#19

Methyl tert-butyl Ether
 Concen: 5.974 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

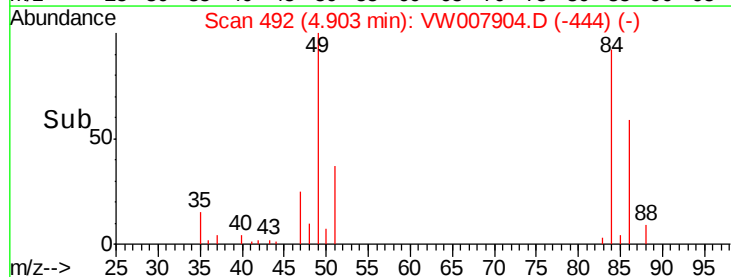
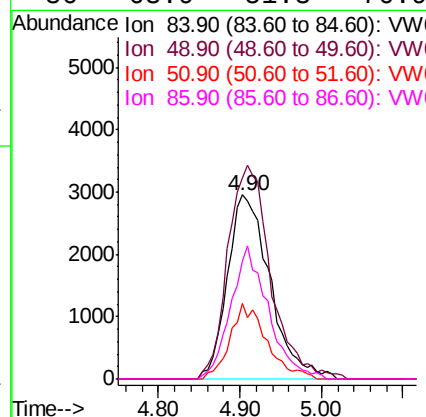
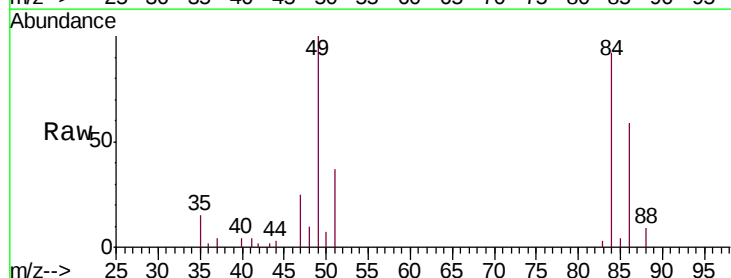
Tgt Ion: 73 Resp: 6857
 Ion Ratio Lower Upper
 73 100
 57 21.8 15.8 23.8

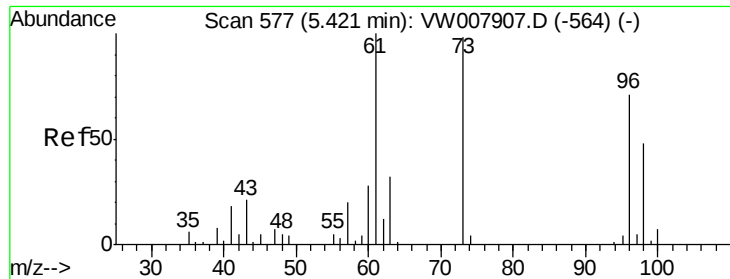


#20

Methylene Chloride
 Concen: 10.764 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 84 Resp: 10699
 Ion Ratio Lower Upper
 84 100
 49 109.2 94.0 141.0
 51 40.8 28.7 43.1
 86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.136 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

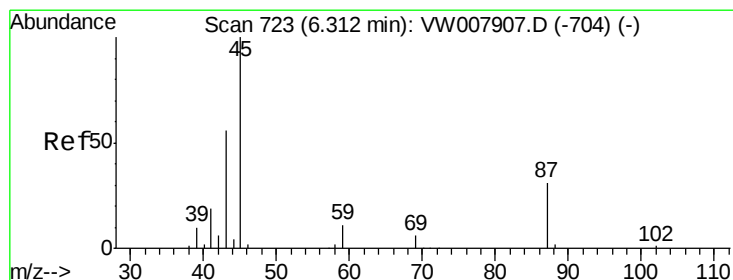
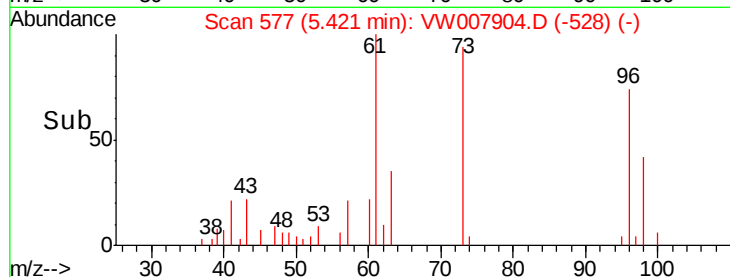
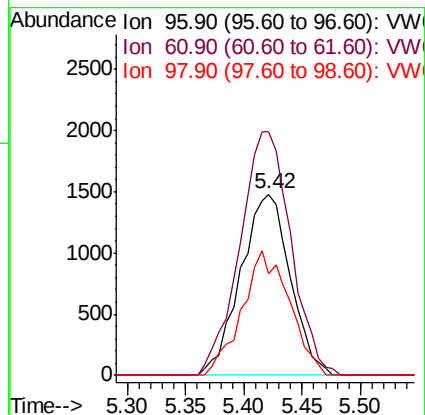
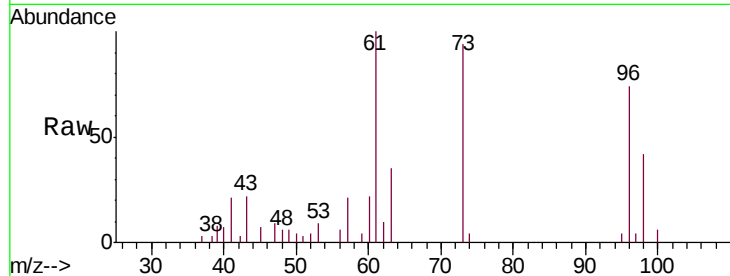
Tgt Ion: 96 Resp: 4368

Ion Ratio Lower Upper

96 100

61 134.4 112.0 168.0

98 56.0 53.2 79.8



#22

Diisopropyl ether

Concen: 6.350 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion: 45 Resp: 12461

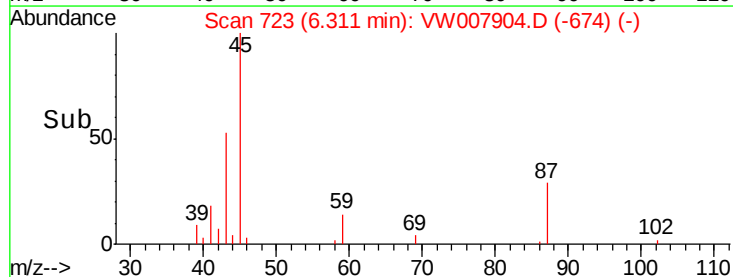
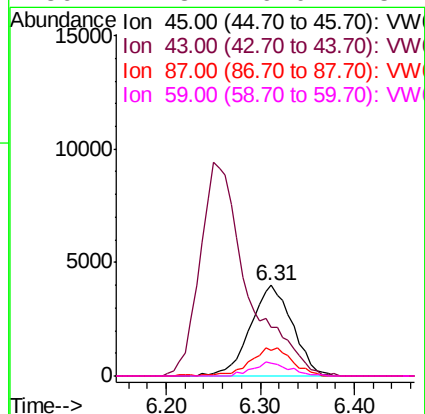
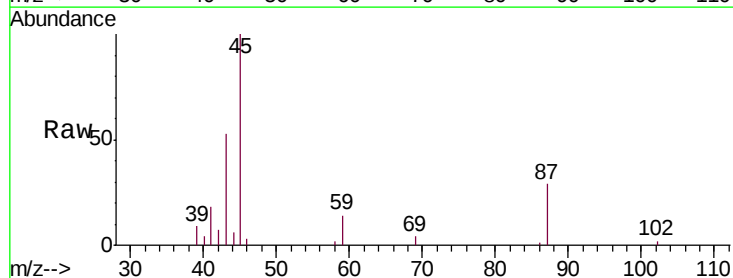
Ion Ratio Lower Upper

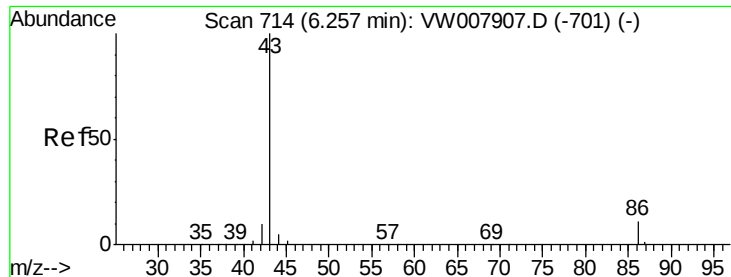
45 100

43 53.5 45.0 67.4

87 28.9 25.5 38.3

59 14.3 9.0 13.4#





#23

Vinyl Acetate

Concen: 28.444 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

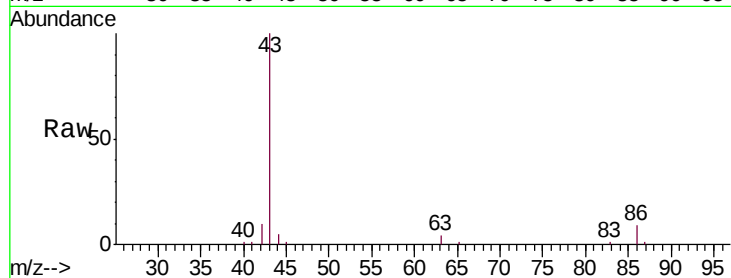
VSTDIC005

Tgt Ion: 43 Resp: 32817

Ion Ratio Lower Upper

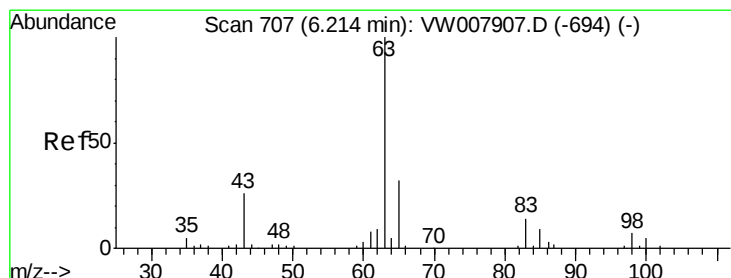
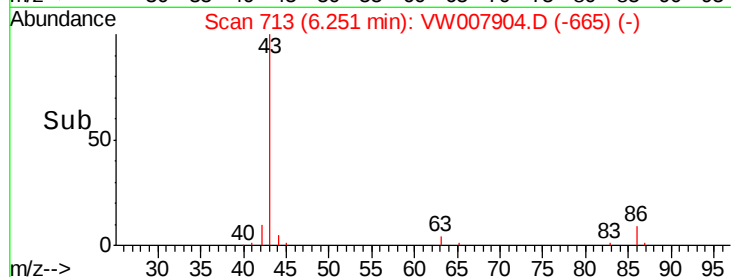
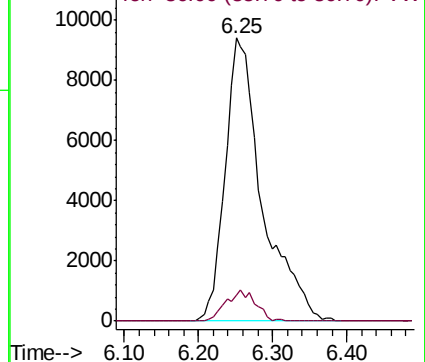
43 100

86 9.1 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 5.616 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

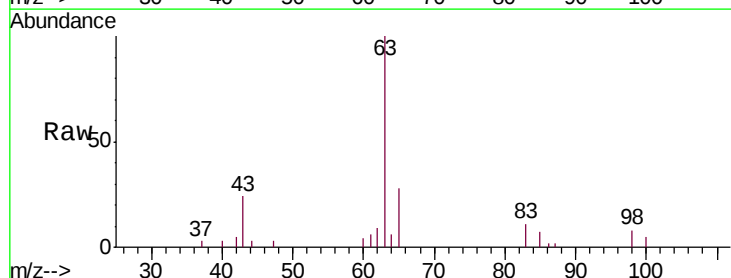
Tgt Ion: 63 Resp: 7957

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

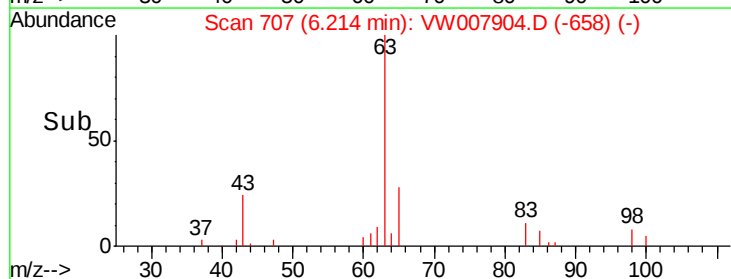
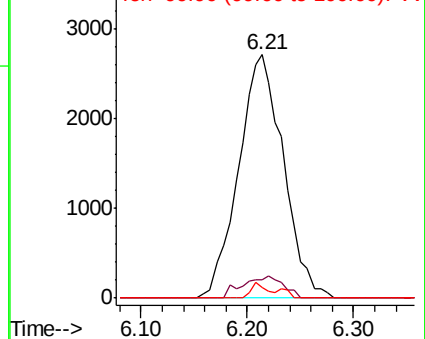
100 4.6 2.5 7.5

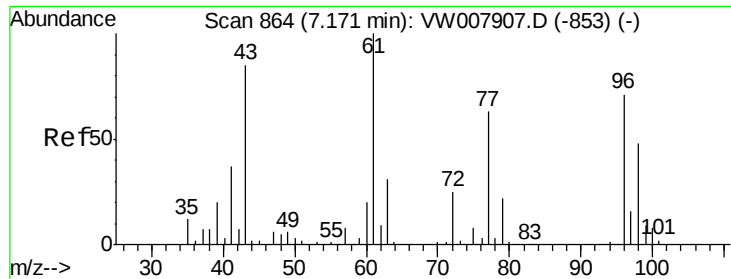


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 30.296 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

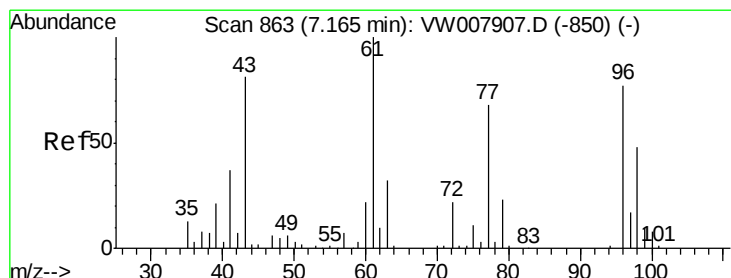
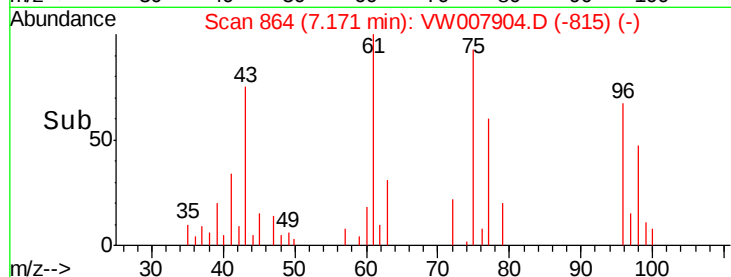
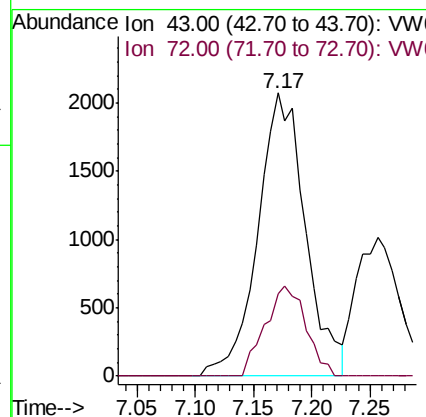
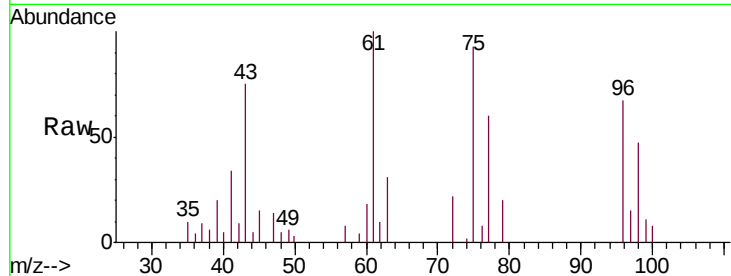
VSTDIC005

Tgt Ion: 43 Resp: 5867

Ion Ratio Lower Upper

43 100

72 29.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 5.421 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW007904.D

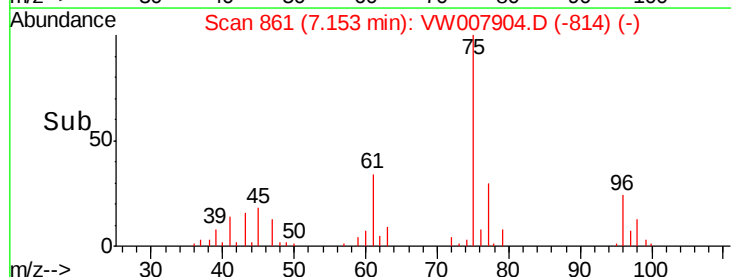
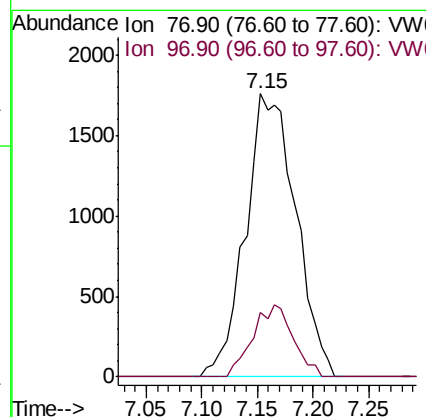
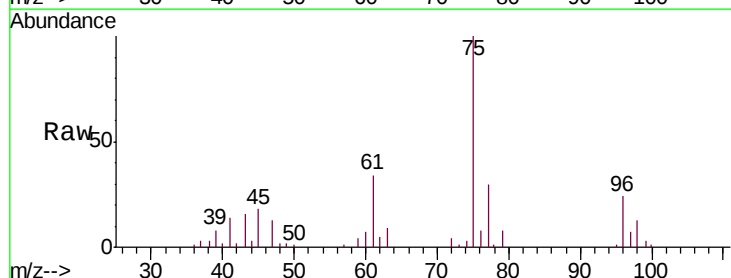
Acq: 24 Dec 2018 23:12

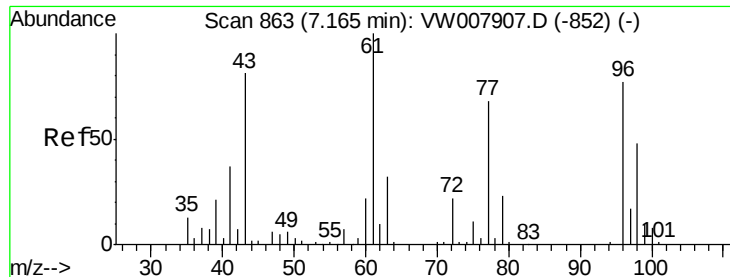
Tgt Ion: 77 Resp: 5515

Ion Ratio Lower Upper

77 100

97 20.5 11.5 34.4



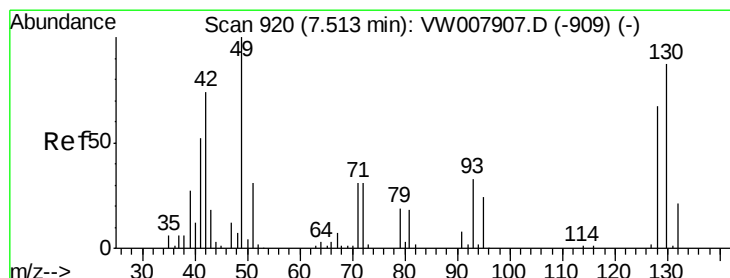
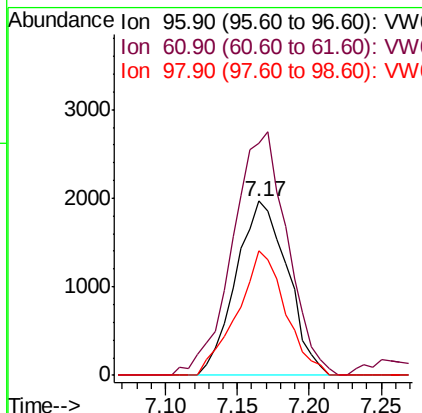
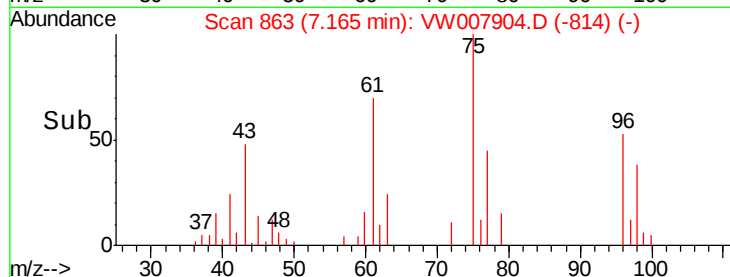
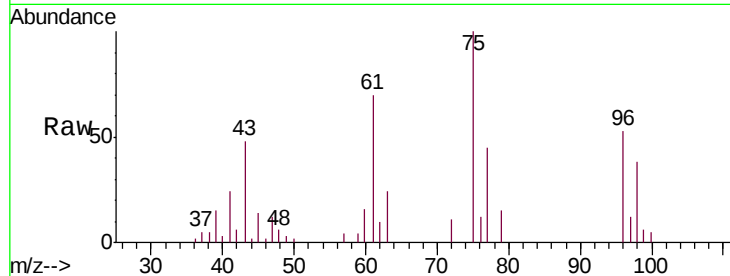


#27

cis-1,2-Dichloroethene
Concen: 5.371 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

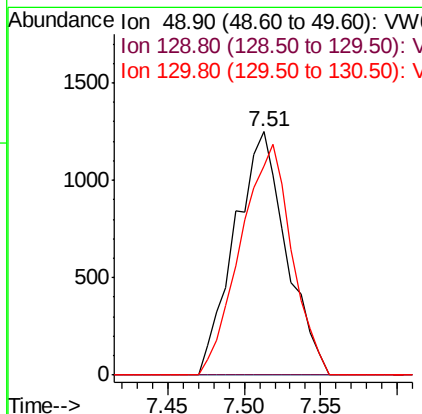
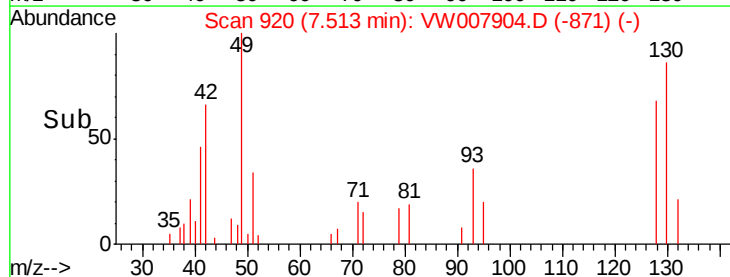
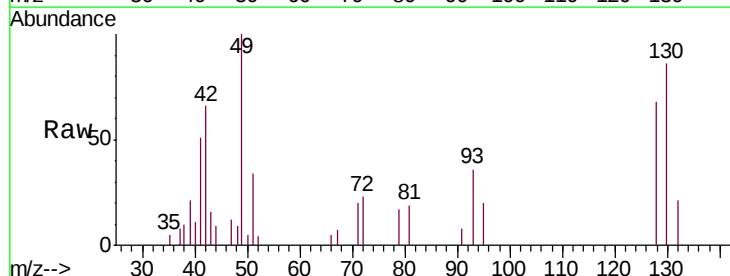
Tgt Ion: 96 Resp: 4905
Ion Ratio Lower Upper
96 100
61 148.2 0.0 279.4
98 66.6 0.0 126.8

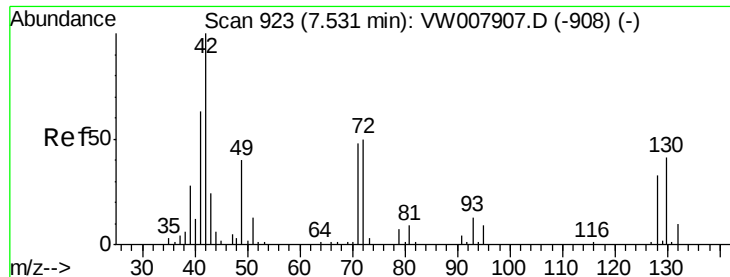


#28

Bromochloromethane
Concen: 6.014 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 49 Resp: 2925
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.4
130 94.4 70.7 106.1





#29

Tetrahydrofuran

Concen: 29.409 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

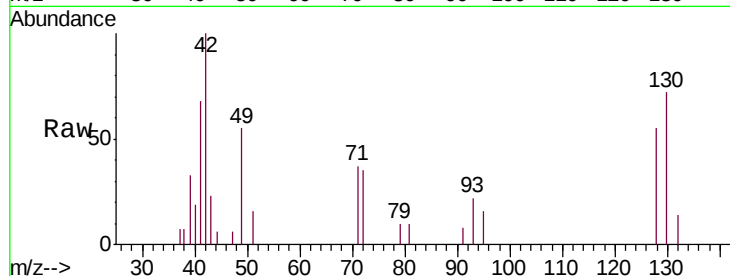
Tgt Ion: 42 Resp: 3441

Ion Ratio Lower Upper

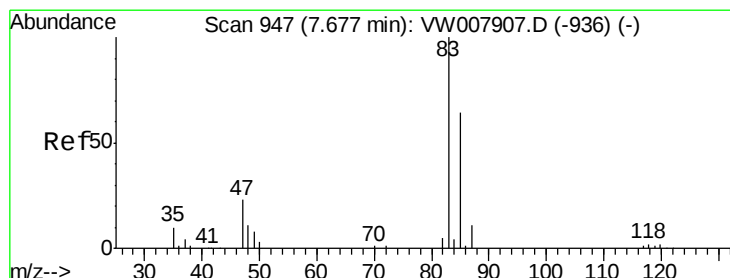
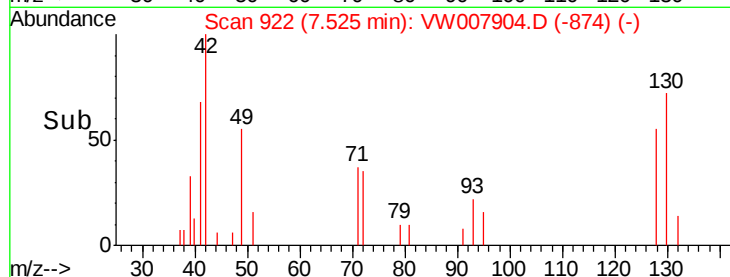
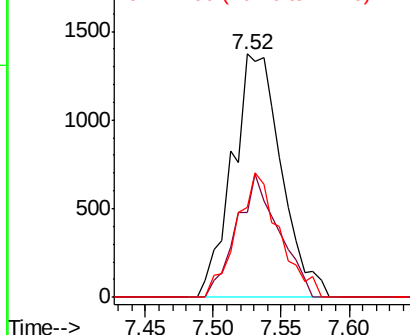
42 100

72 44.1 37.8 56.8

71 45.3 35.8 53.6



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



#30

Chloroform

Concen: 5.381 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW007904.D

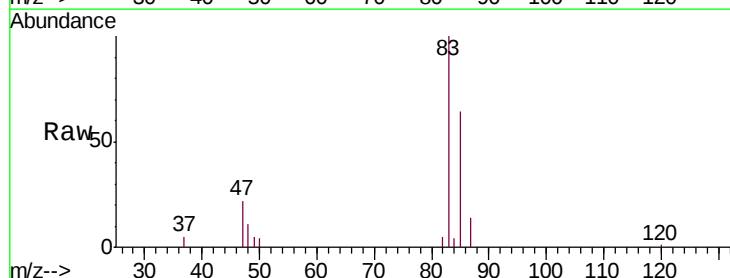
Acq: 24 Dec 2018 23:12

Tgt Ion: 83 Resp: 8532

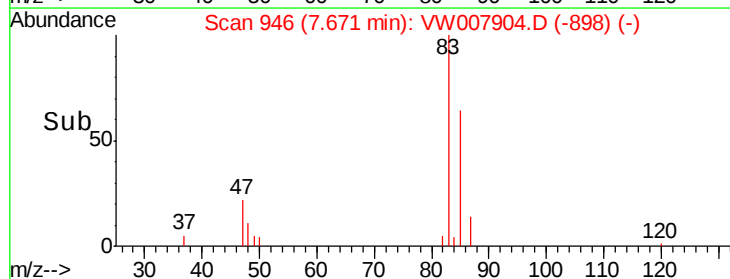
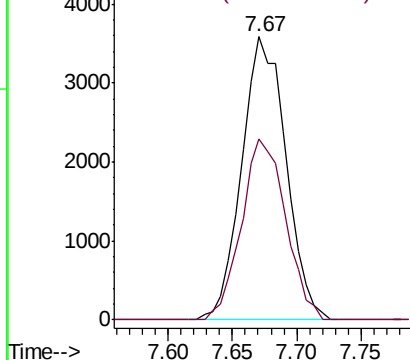
Ion Ratio Lower Upper

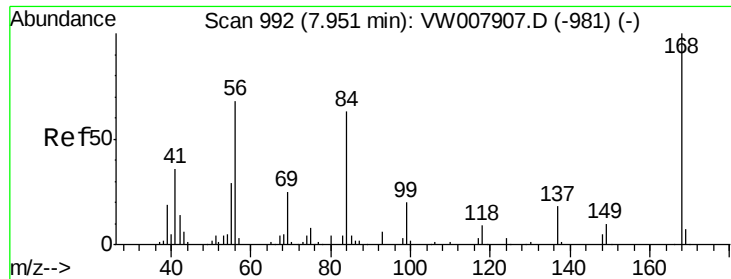
83 100

85 64.1 51.3 76.9



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

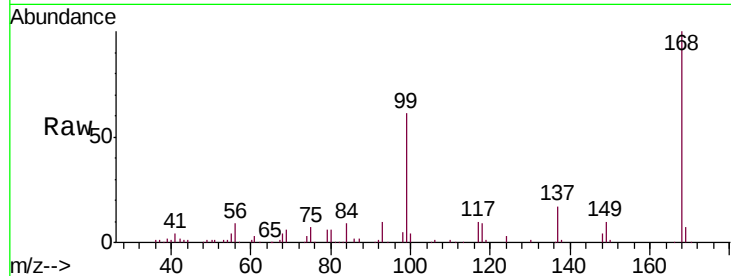




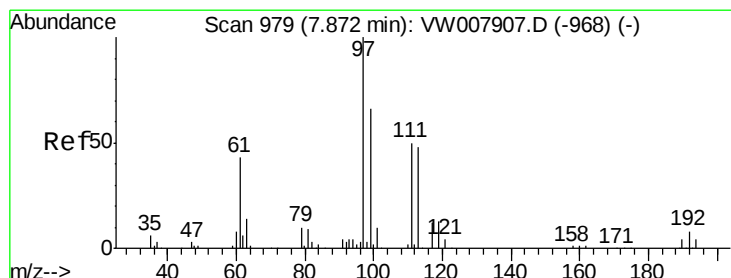
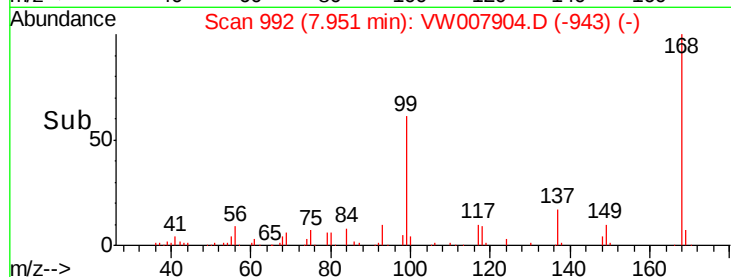
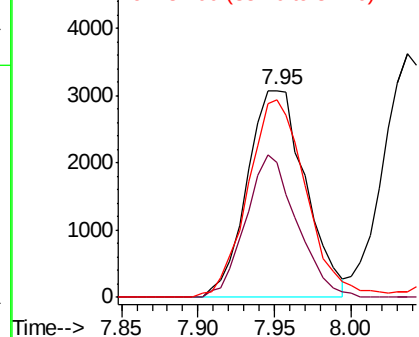
#31
Cyclohexane
Concen: 6.339 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 8175
Ion Ratio Lower Upper
56 100
69 65.1 29.9 44.9#
84 95.3 74.5 111.7

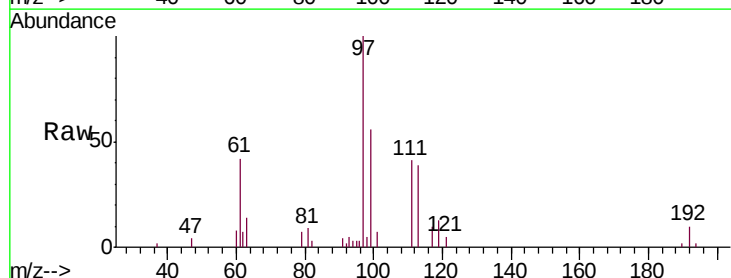


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

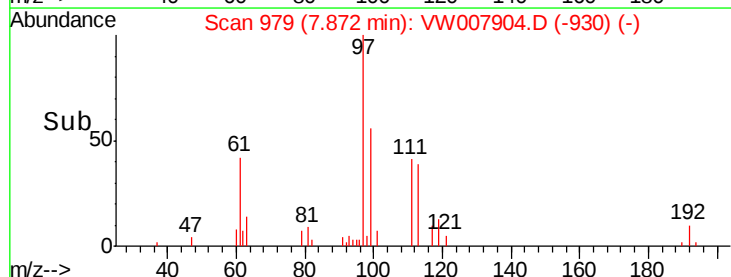
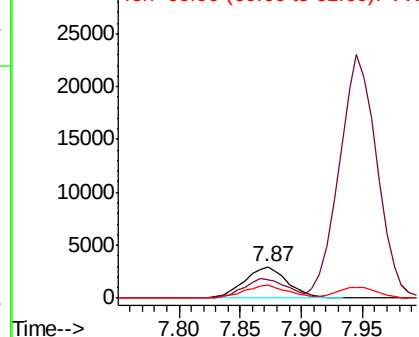


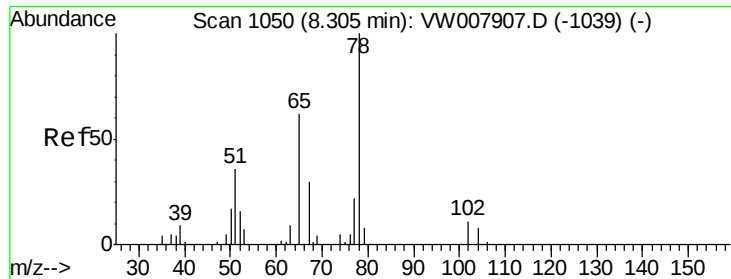
#32
1,1,1-Trichloroethane
Concen: 5.001 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 97 Resp: 7161
Ion Ratio Lower Upper
97 100
99 63.1 52.7 79.1
61 41.9 33.3 49.9



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

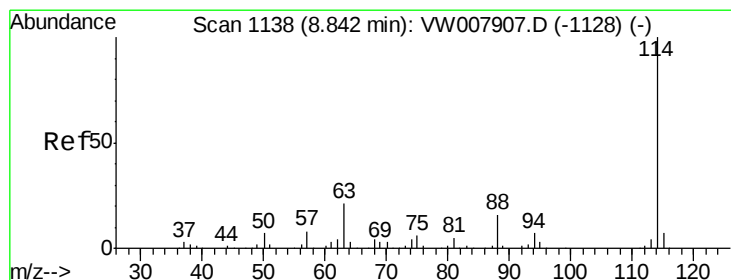
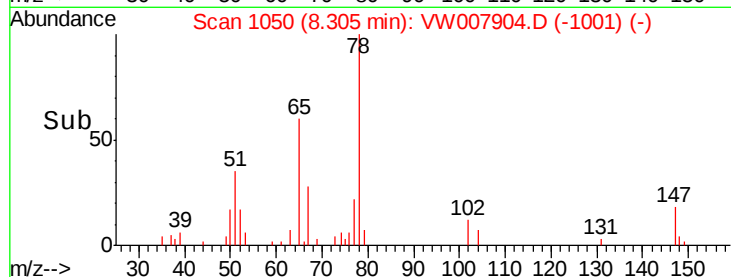
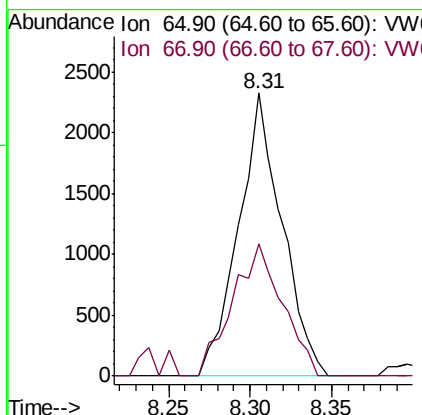
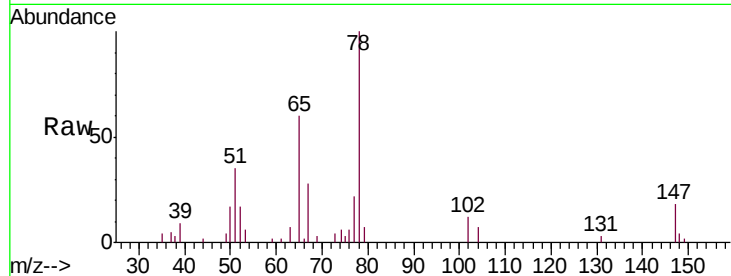




#33
 1,2-Dichloroethane-d4
 Concen: 4.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

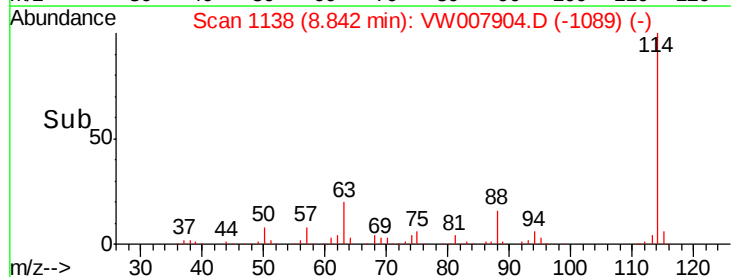
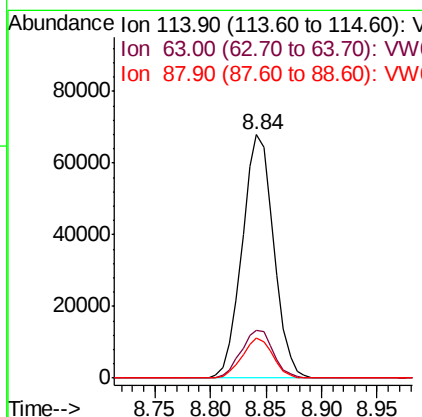
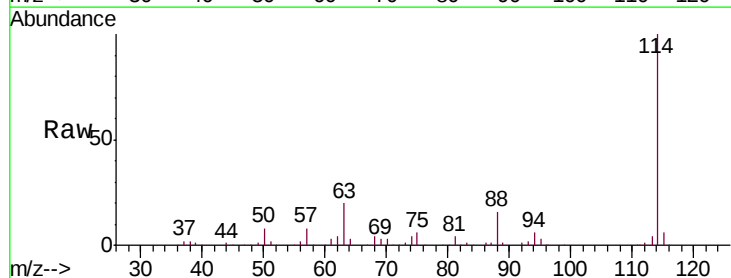
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

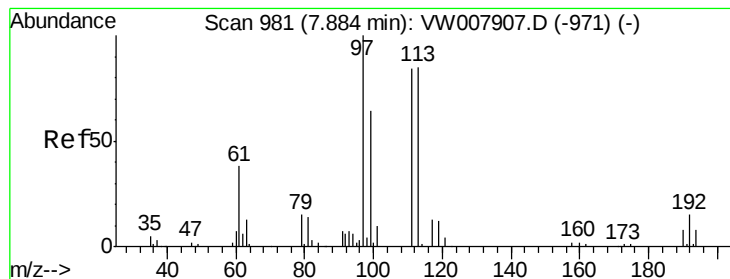
Tgt Ion: 65 Resp: 4326
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 114 Resp: 133729
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 4.701 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

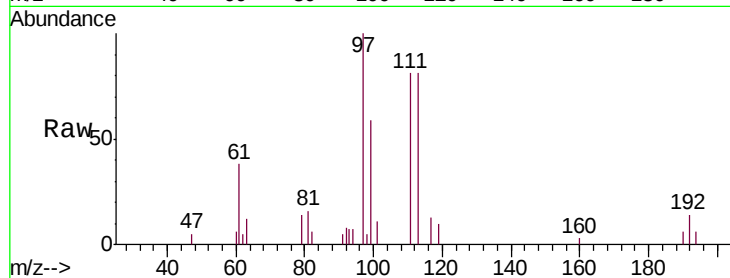
Tgt Ion: 113 Resp: 3868

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

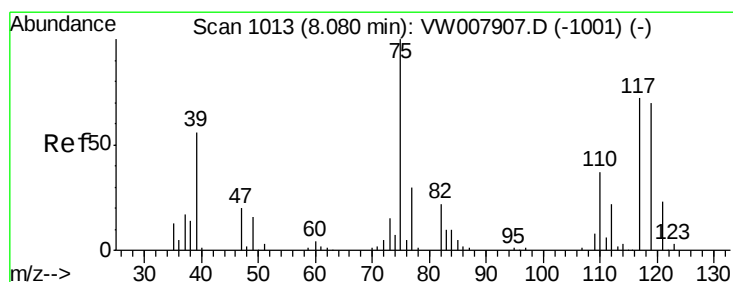
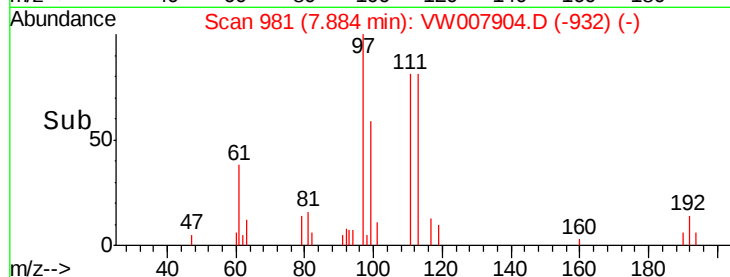
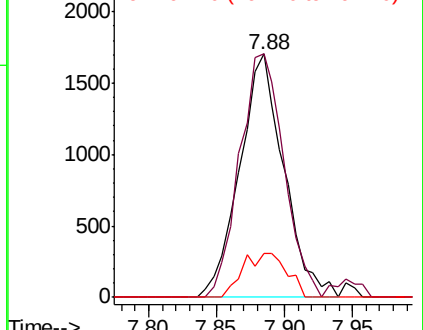
192 18.0 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

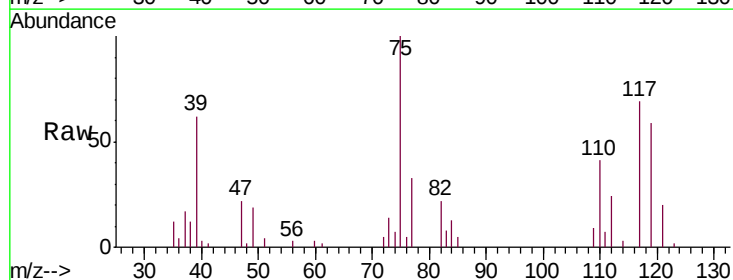
Tgt Ion: 75 Resp: 6208

Ion Ratio Lower Upper

75 100

110 38.2 18.2 54.6

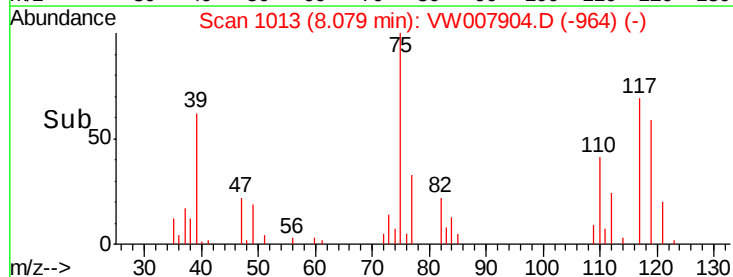
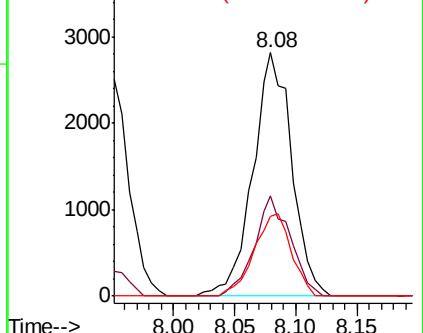
77 32.5 25.0 37.4

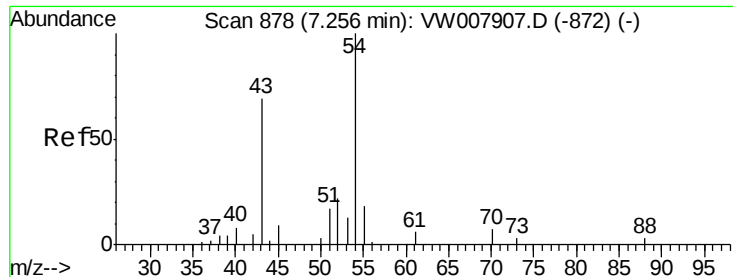


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

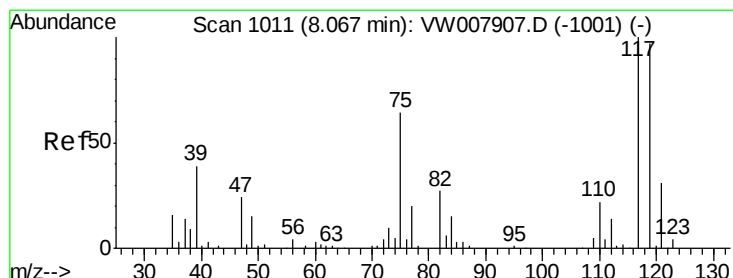
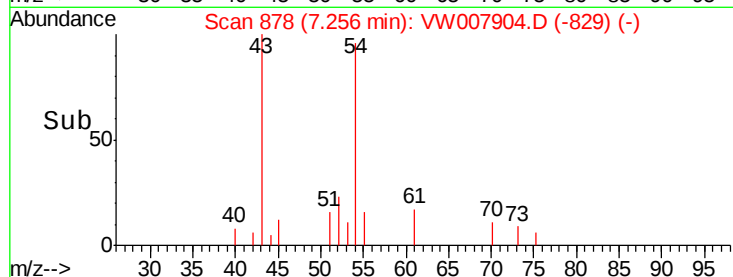
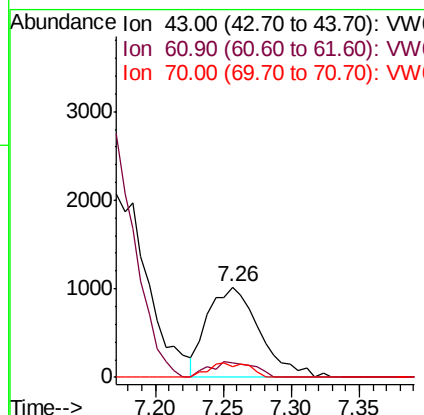
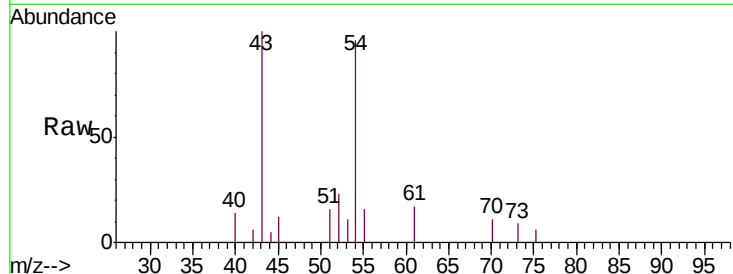




#37
Ethyl Acetate
Concen: 5.957 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

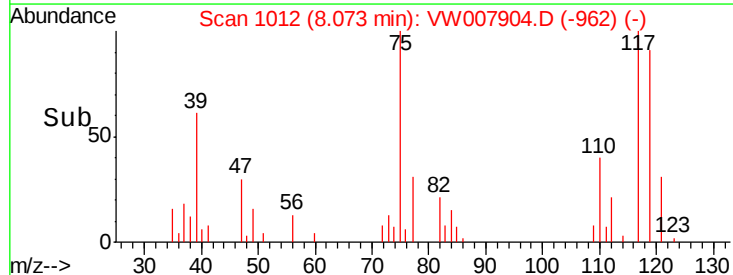
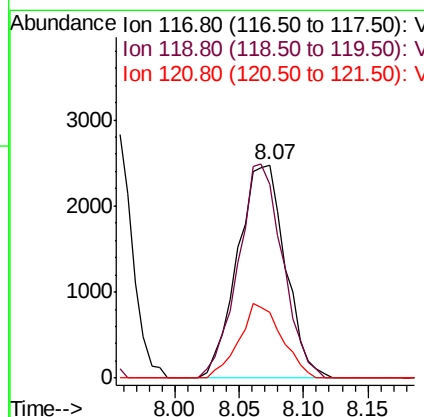
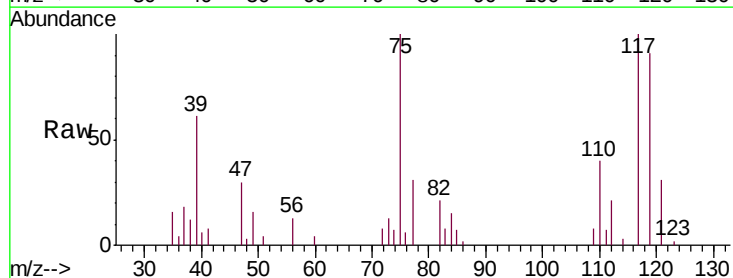
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

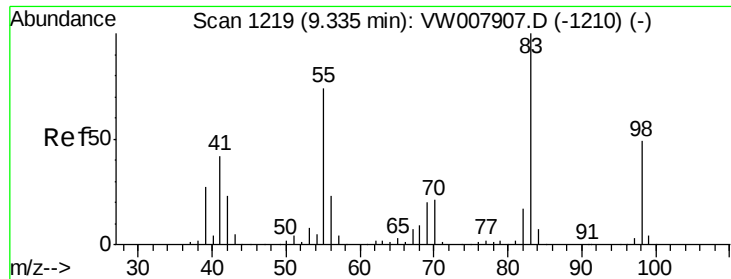
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 4.272 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 117 Resp: 6364
Ion Ratio Lower Upper
117 100
119 90.7 77.3 115.9
121 30.6 24.5 36.7

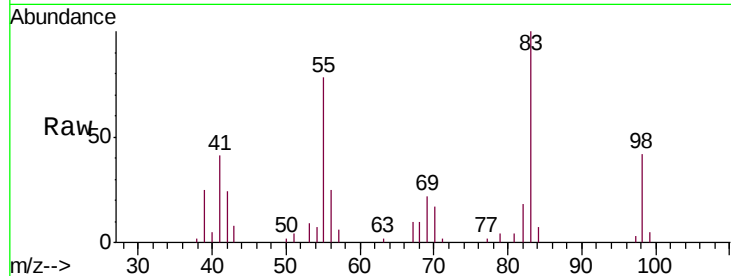




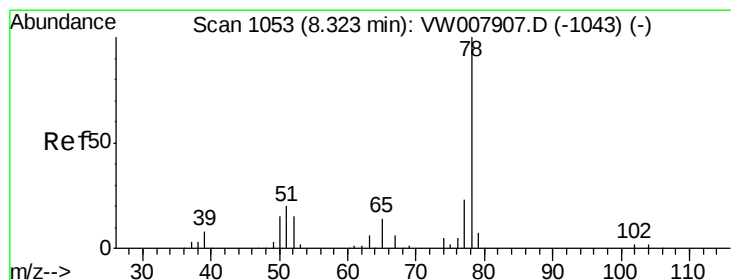
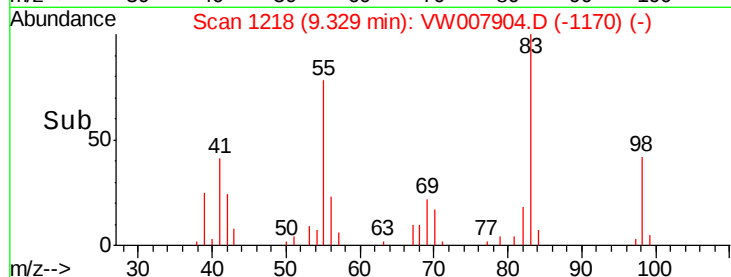
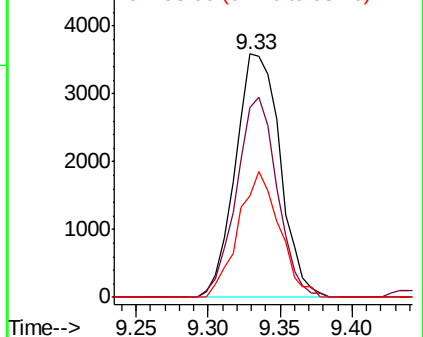
#39
Methylcyclohexane
Concen: 4.827 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 7728
Ion Ratio Lower Upper
83 100
55 77.9 59.1 88.7
98 41.6 39.2 58.8

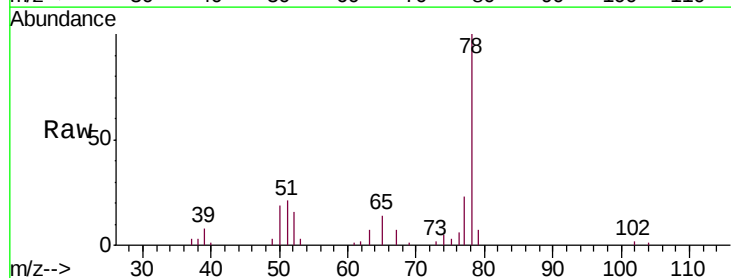


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

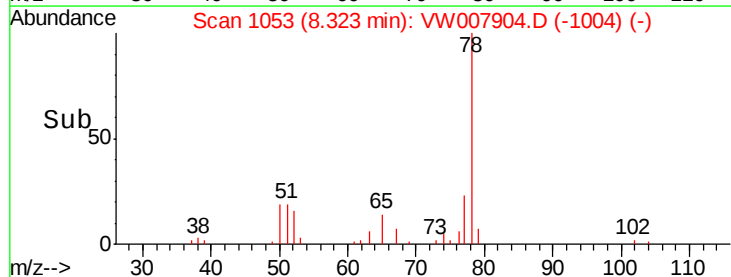
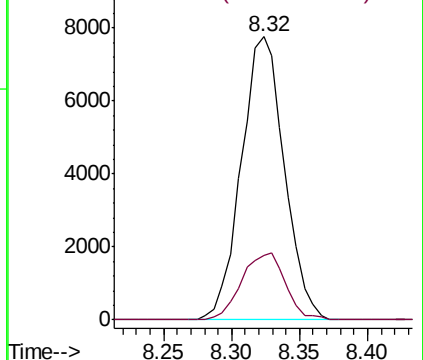


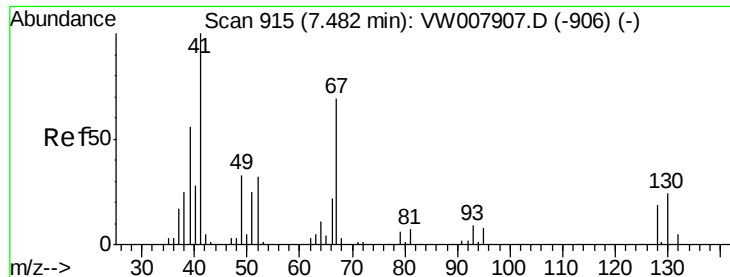
#40
Benzene
Concen: 4.963 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 78 Resp: 17198
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

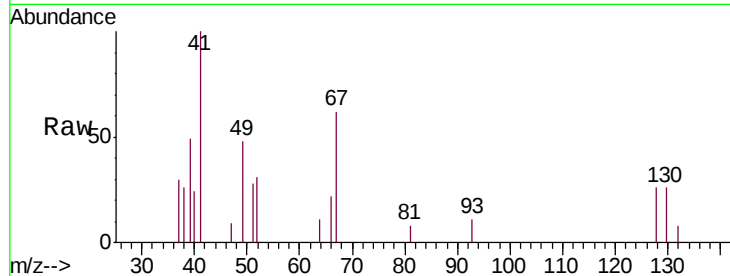




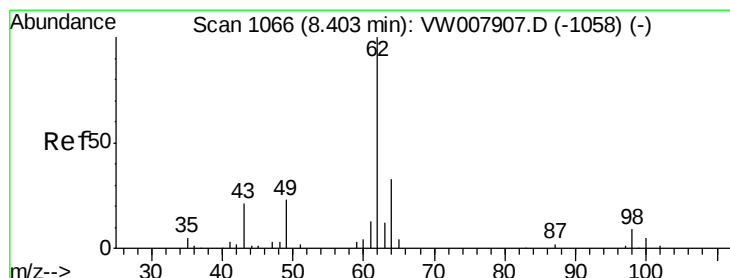
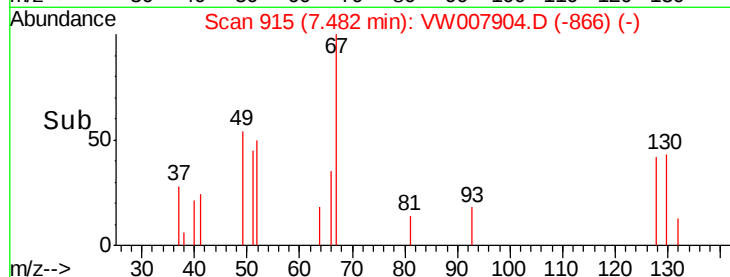
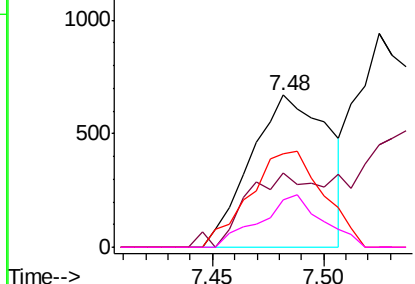
#41
Methacrylonitrile
Concen: 6.103 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	1632
Ion	Ratio	Lower	Upper
41	100		
39	46.2	45.0	67.4
67	59.6	53.9	80.9
52	27.1	23.2	34.8

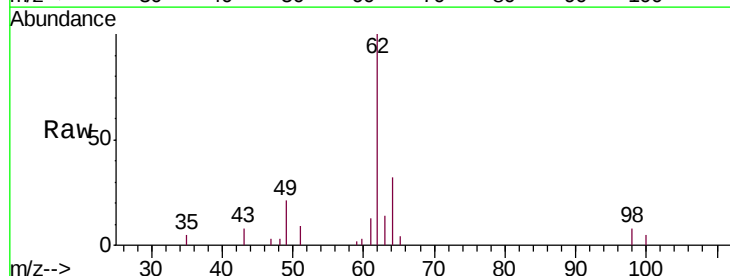


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

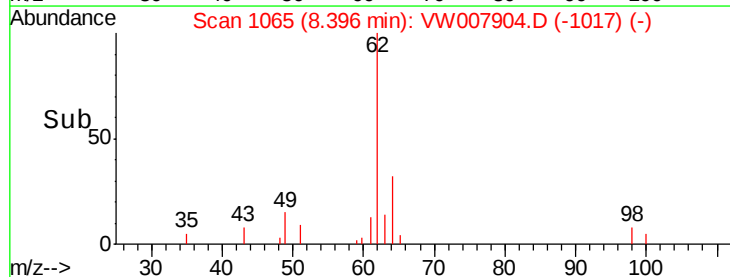
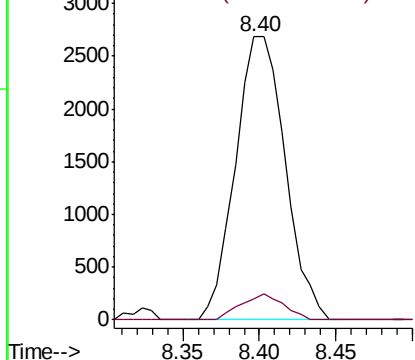


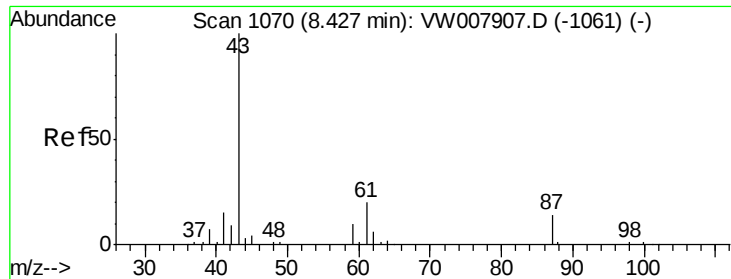
#42
1,2-Dichloroethane
Concen: 5.236 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:	62	Resp:	6059
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 5.731 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

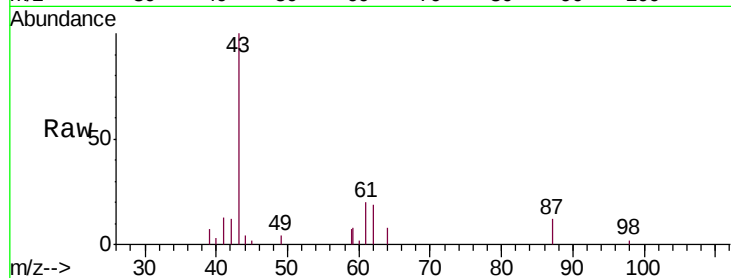
Tgt Ion: 43 Resp: 5251

Ion Ratio Lower Upper

43 100

61 28.2 24.2 36.2

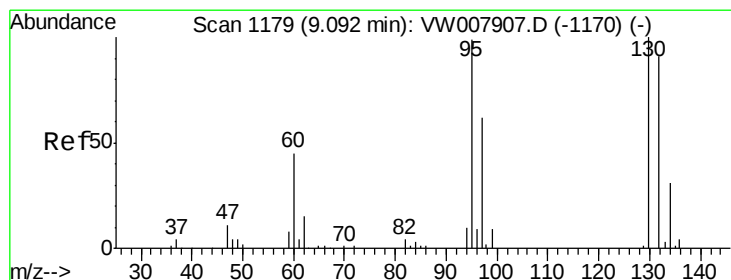
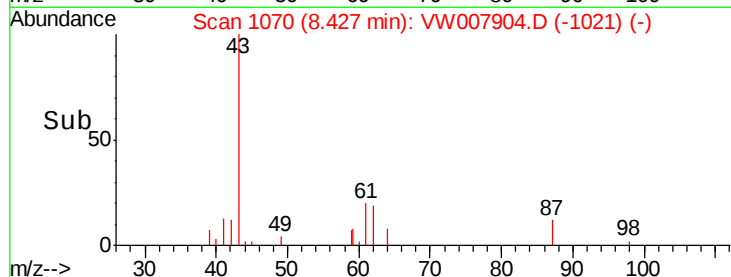
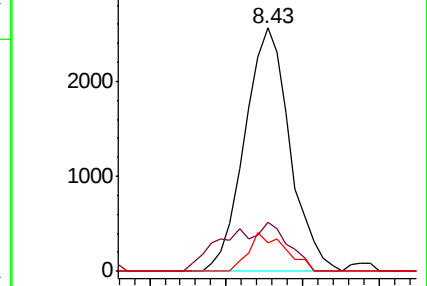
87 12.9 11.2 16.8



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: 4.654 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007904.D

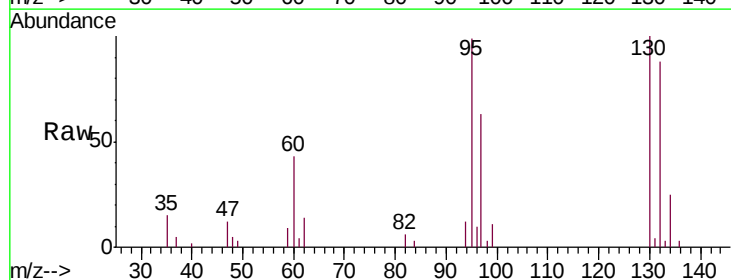
Acq: 24 Dec 2018 23:12

Tgt Ion: 130 Resp: 4823

Ion Ratio Lower Upper

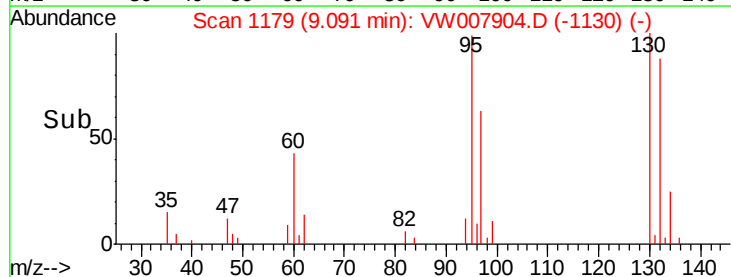
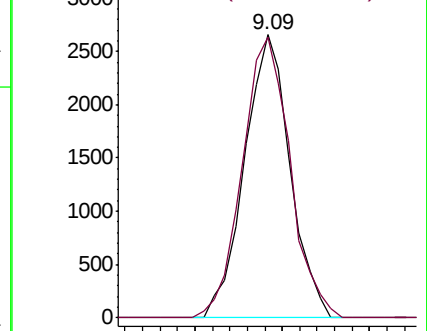
130 100

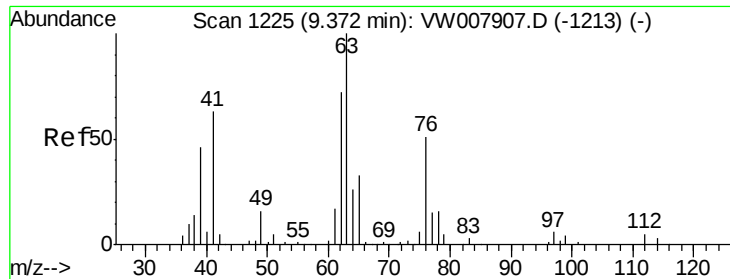
95 99.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

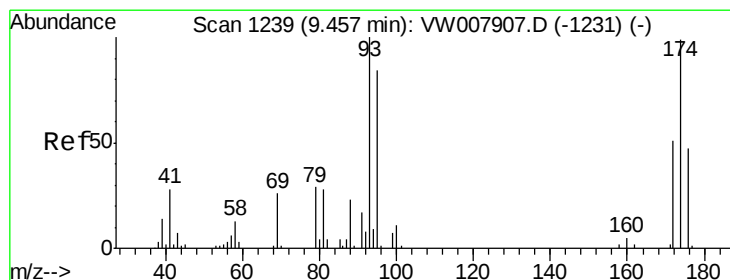
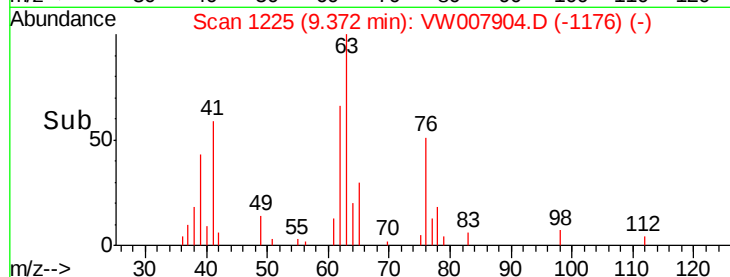
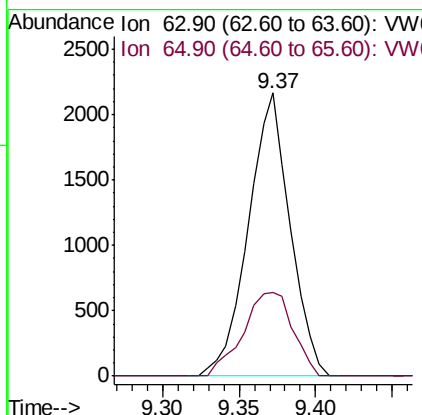
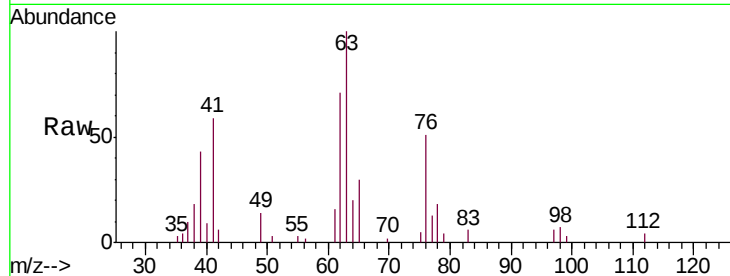




#45
 1,2-Dichloropropane
 Concen: 5.286 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

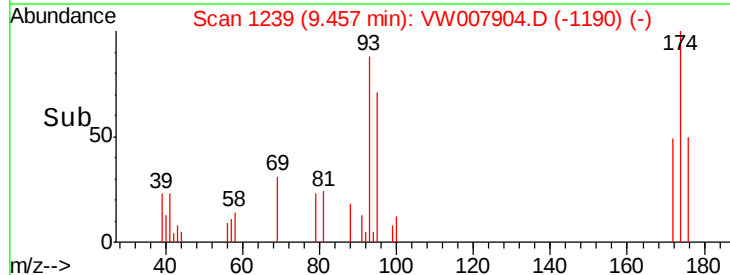
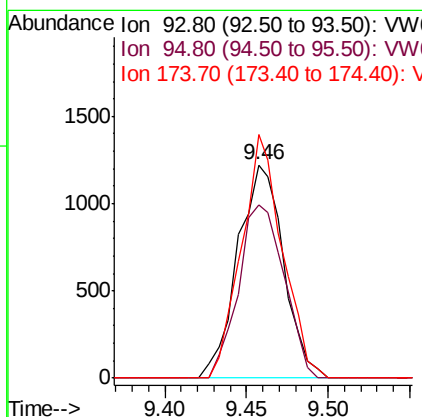
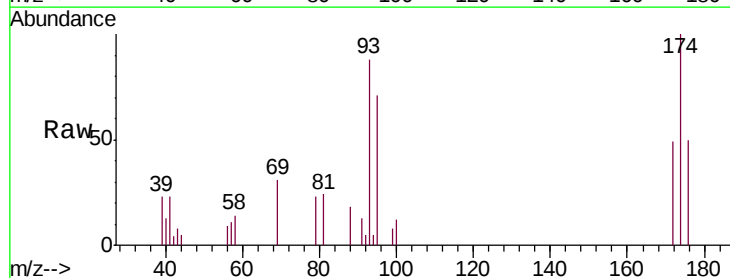
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

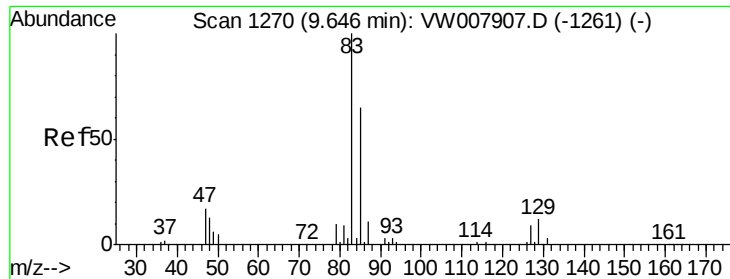
Tgt Ion: 63 Resp: 4103
 Ion Ratio Lower Upper
 63 100
 65 29.7 26.4 39.6



#46
 Dibromomethane
 Concen: 5.066 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 93 Resp: 2385
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 100.0
 174 102.4 81.0 121.4

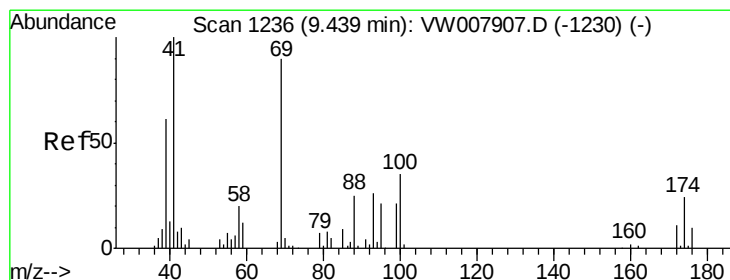
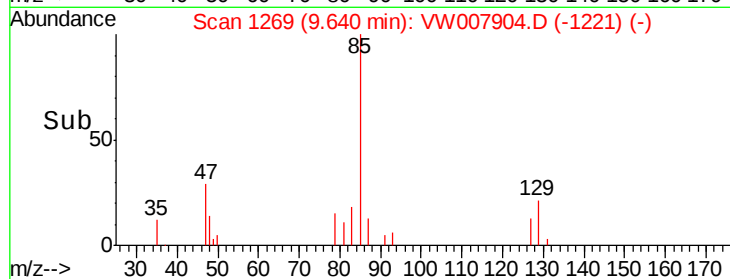
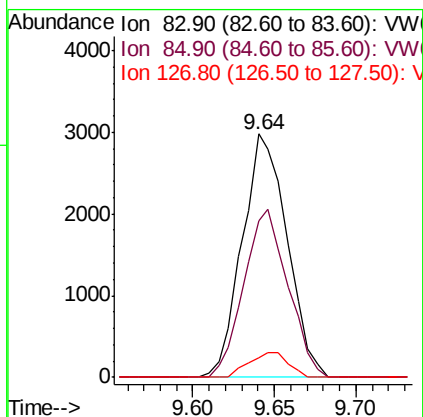
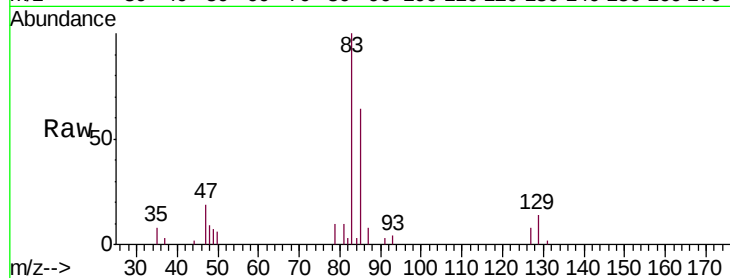




#47
 Bromodichloromethane
 Concen: 4.613 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

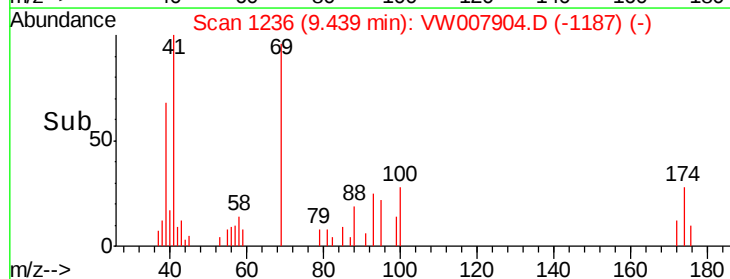
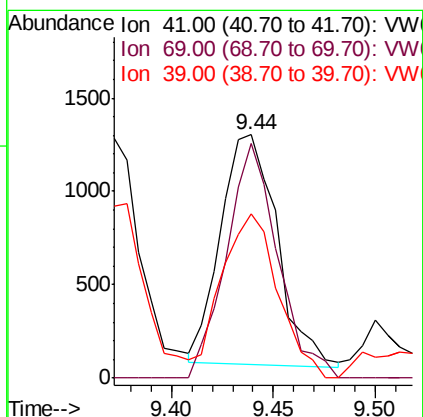
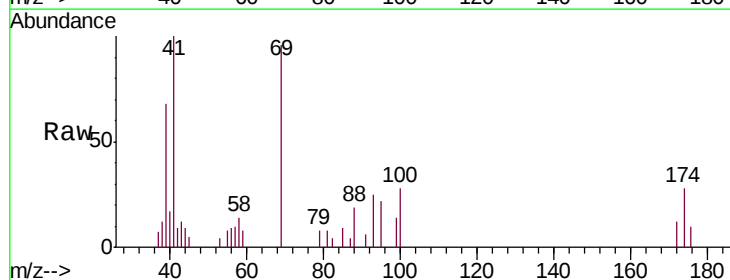
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

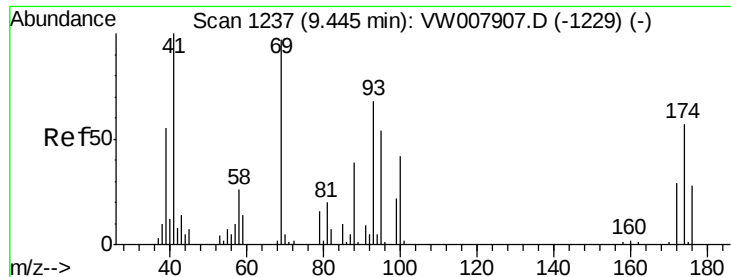
Tgt Ion:	83	Resp:	5703
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	8.2	6.8	10.2



#48
 Methyl methacrylate
 Concen: 5.161 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:	41	Resp:	2368
Ion	Ratio	Lower	Upper
41	100		
69	92.6	70.4	105.6
39	71.7	51.7	77.5





#49

1,4-Dioxane

Concen: 91.829 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

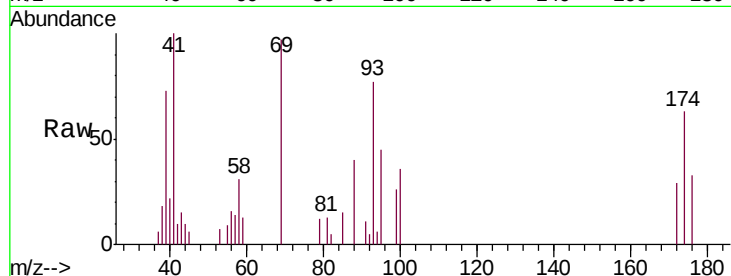
Tgt Ion: 88 Resp: 692

Ion Ratio Lower Upper

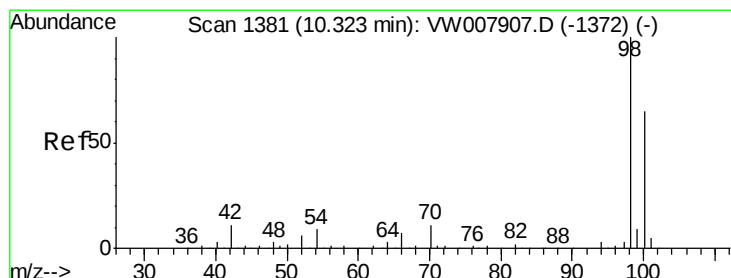
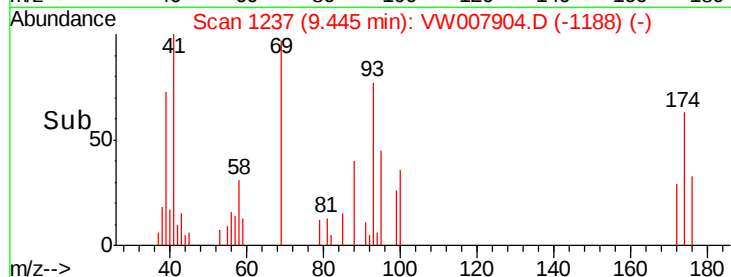
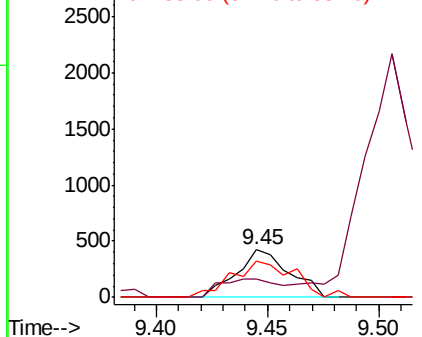
88 100

43 43.2 30.9 46.3

58 91.0 55.4 83.0#



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: 4.733 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007904.D

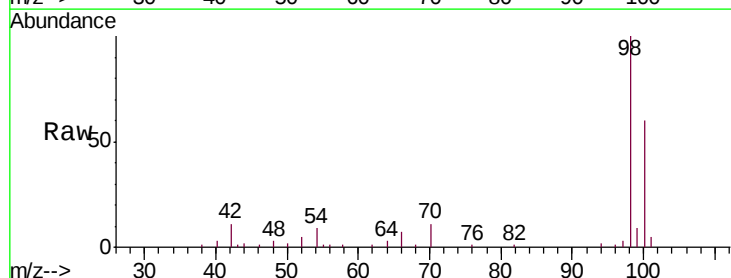
Acq: 24 Dec 2018 23:12

Tgt Ion: 98 Resp: 14716

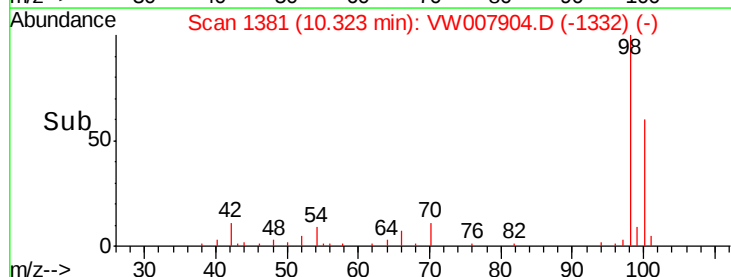
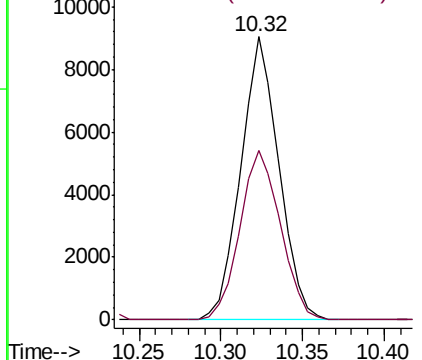
Ion Ratio Lower Upper

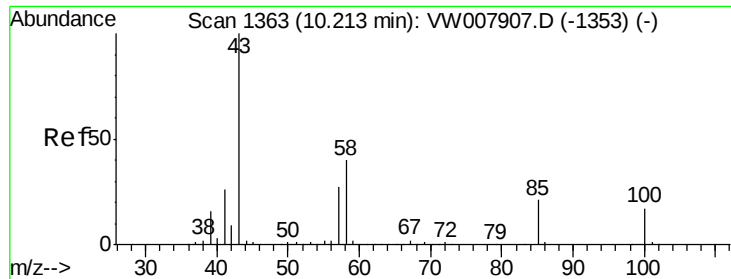
98 100

100 63.5 52.6 78.8



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

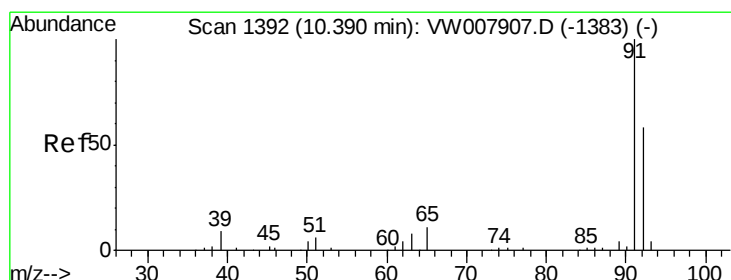
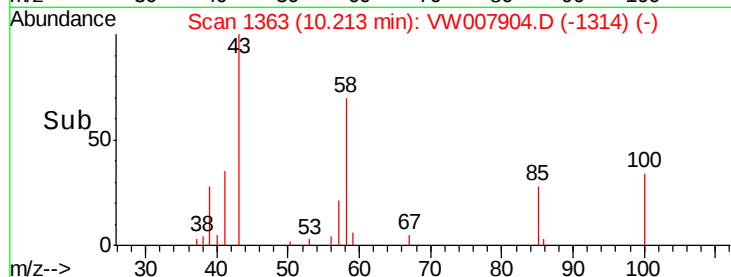
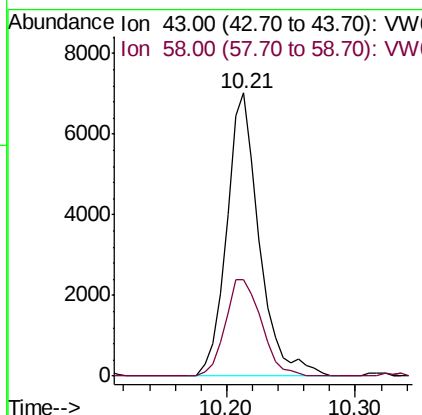
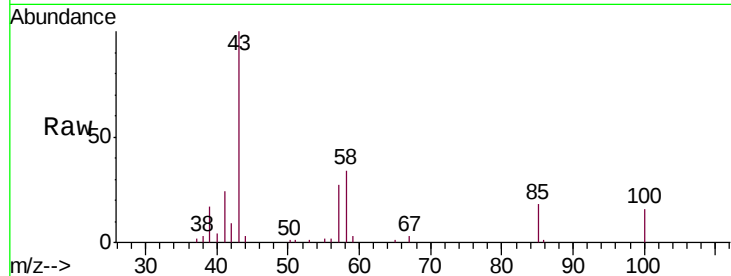




#51
4-Methyl-2-Pentanone
Concen: 28.451 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

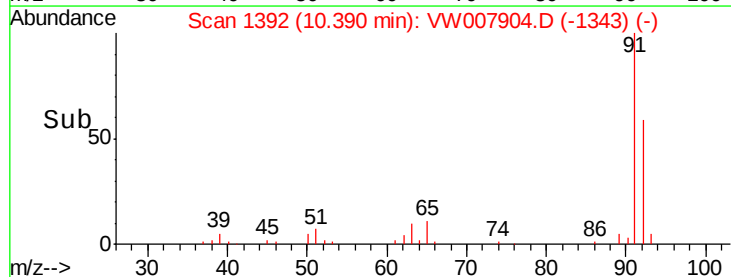
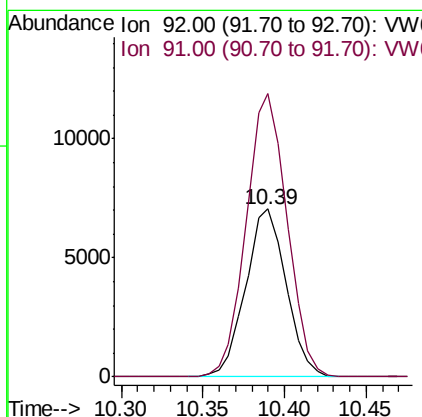
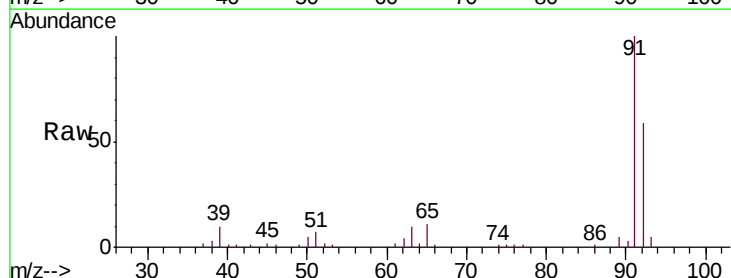
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

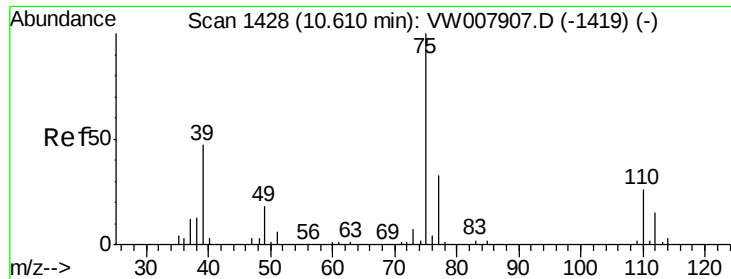
Tgt Ion: 43 Resp: 12397
Ion Ratio Lower Upper
43 100
58 37.7 31.6 47.4



#52
Toluene
Concen: 5.277 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 92 Resp: 12231
Ion Ratio Lower Upper
92 100
91 169.3 138.0 207.0

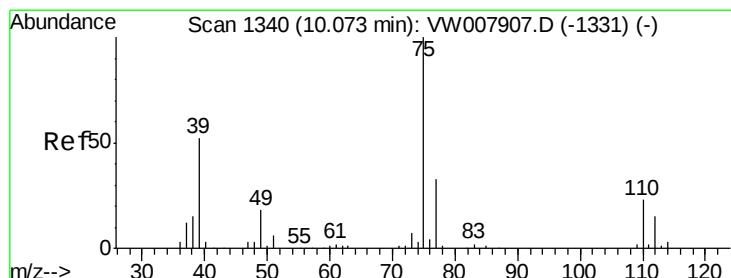
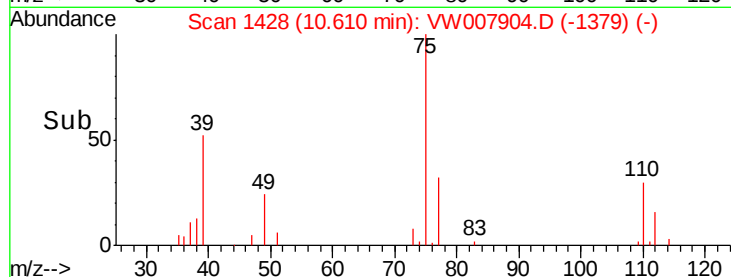
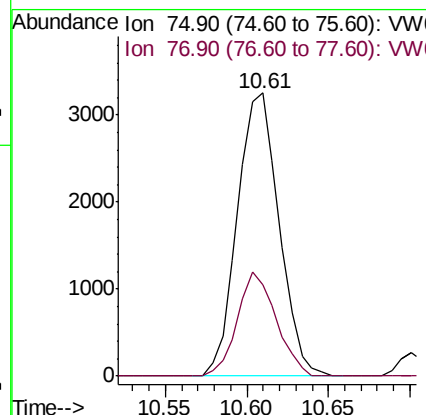
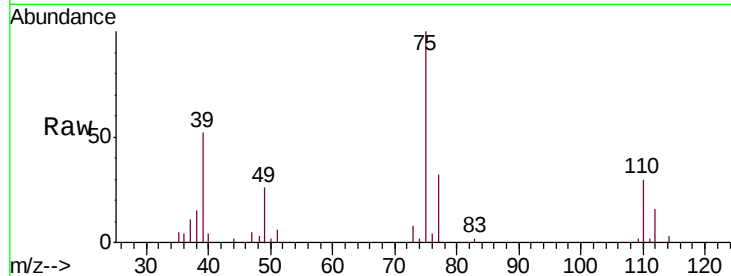




#53
 t-1,3-Dichloropropene
 Concen: 4.683 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

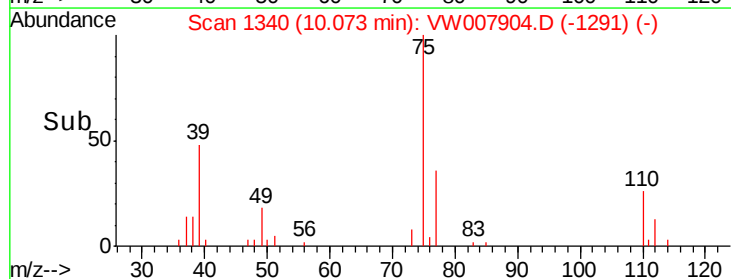
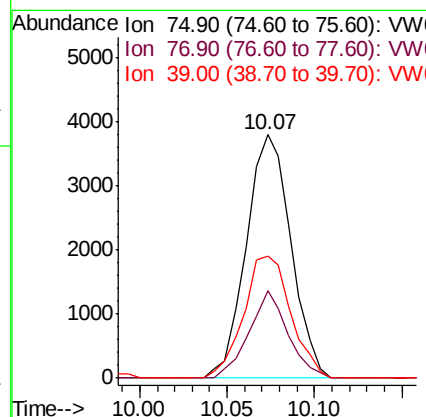
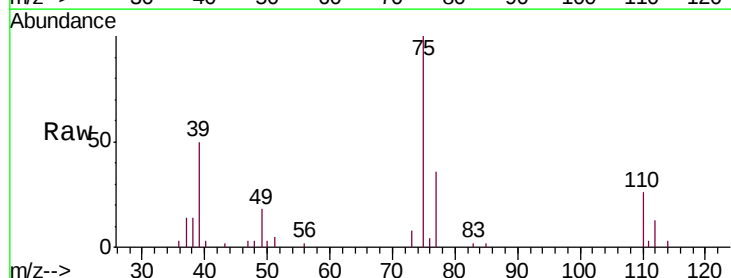
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

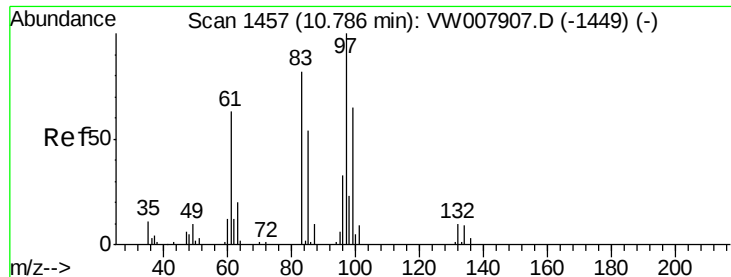
Tgt Ion: 75 Resp: 5796
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.967 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 75 Resp: 6791
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.2 39.2
 39 50.1 41.8 62.6

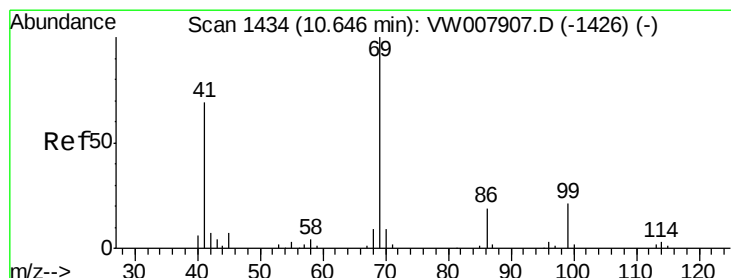
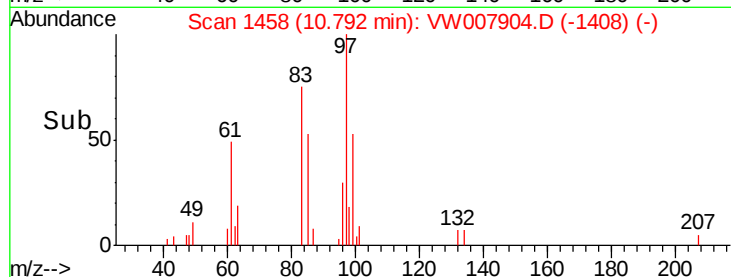
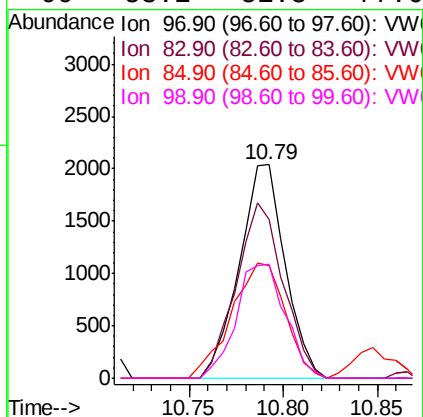
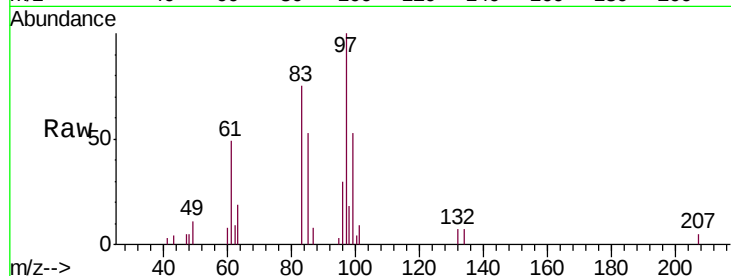




#55
 1,1,2-Trichloroethane
 Concen: 5.263 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

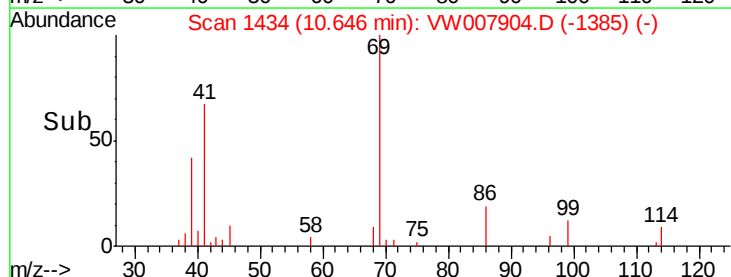
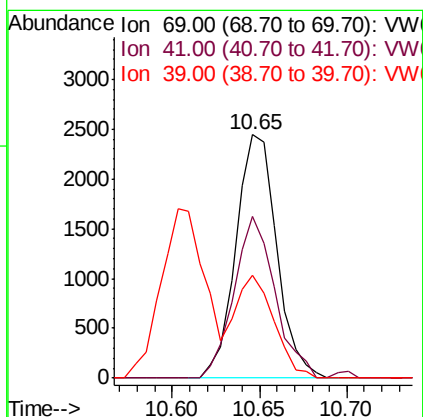
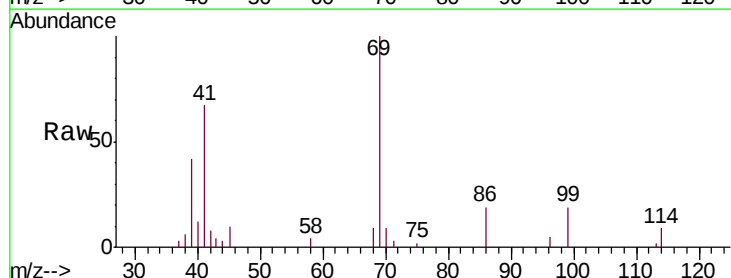
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

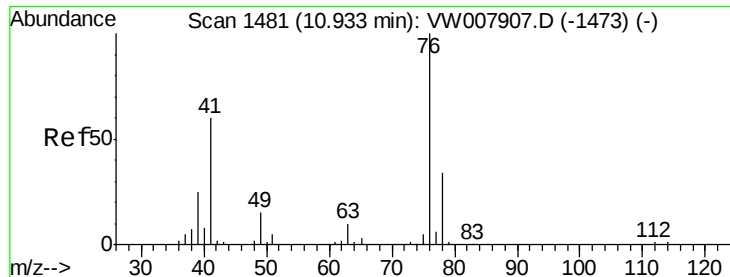
Tgt Ion:	97	Resp:	3451
Ion	Ratio	Lower	Upper
97	100		
83	74.5	65.8	98.6
85	52.6	43.5	65.3
99	53.1	51.8	77.6



#56
 Ethyl methacrylate
 Concen: 5.120 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:	69	Resp:	3979
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.0	81.0
39	40.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 5.333 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

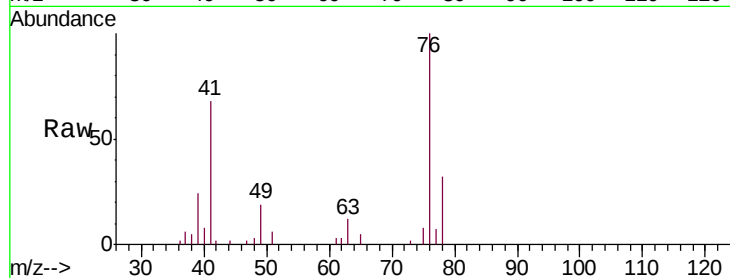
VSTDIC005

Tgt Ion: 76 Resp: 5832

Ion Ratio Lower Upper

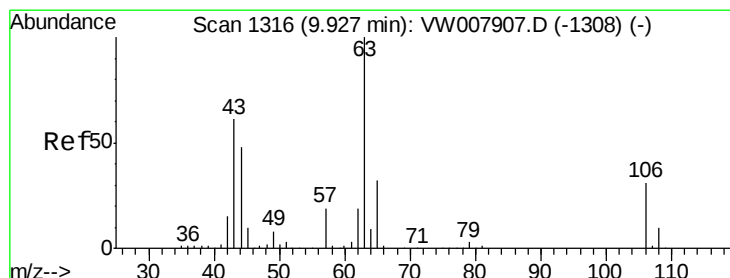
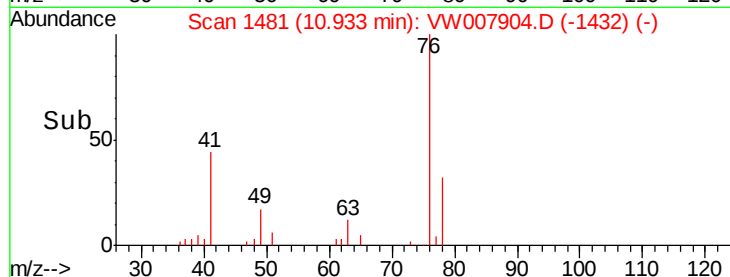
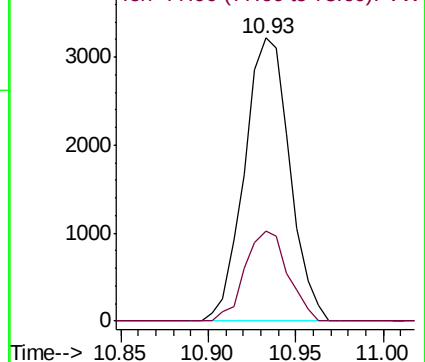
76 100

78 30.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 28.122 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW007904.D

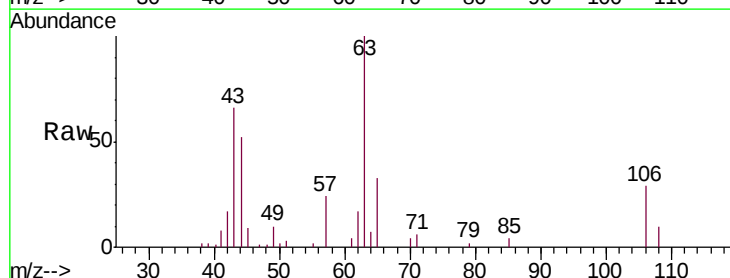
Acq: 24 Dec 2018 23:12

Tgt Ion: 63 Resp: 10057

Ion Ratio Lower Upper

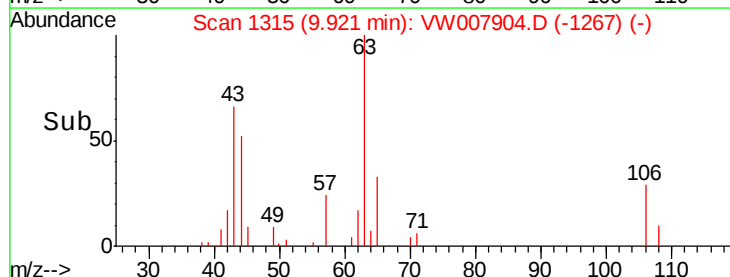
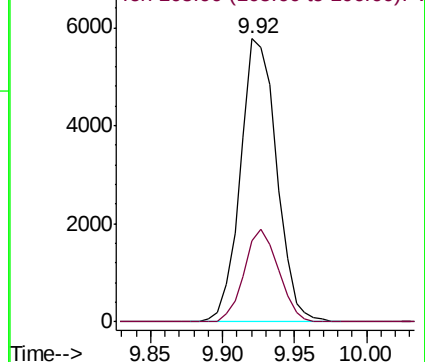
63 100

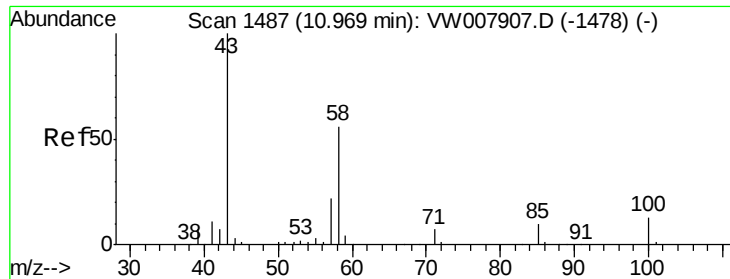
106 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 25.888 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

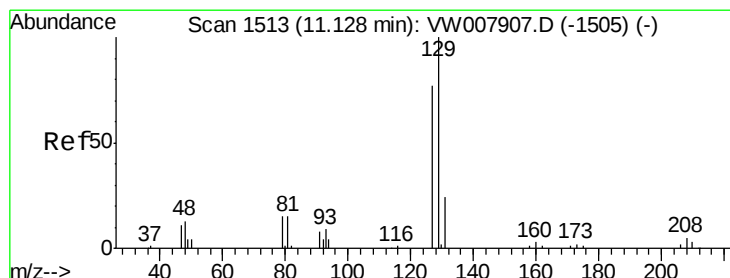
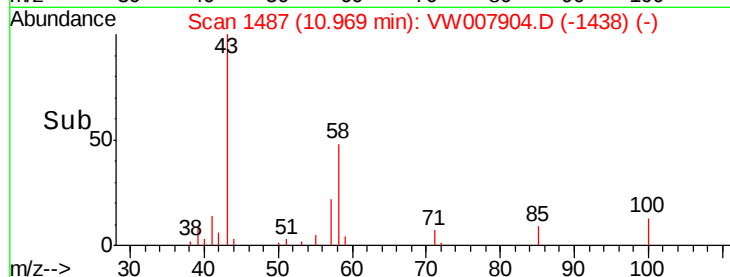
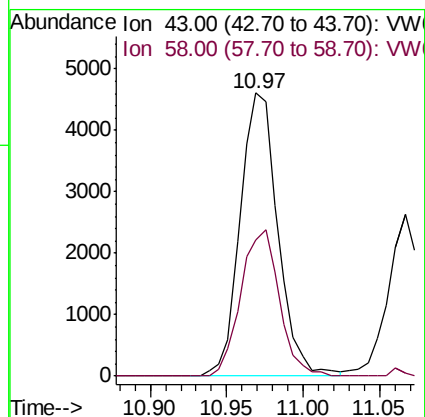
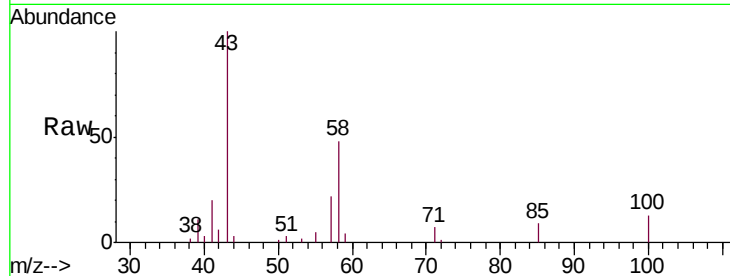
VSTDIC005

Tgt Ion: 43 Resp: 7901

Ion Ratio Lower Upper

43 100

58 52.7 27.4 82.0



#60

Dibromochloromethane

Concen: 4.396 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007904.D

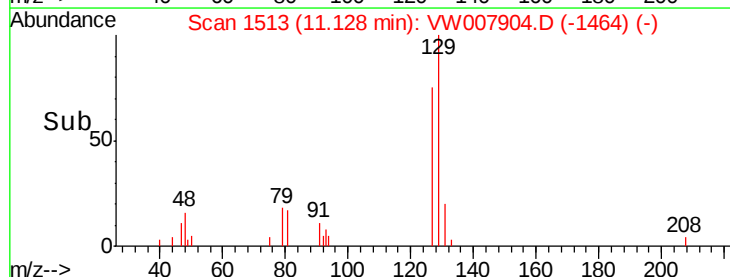
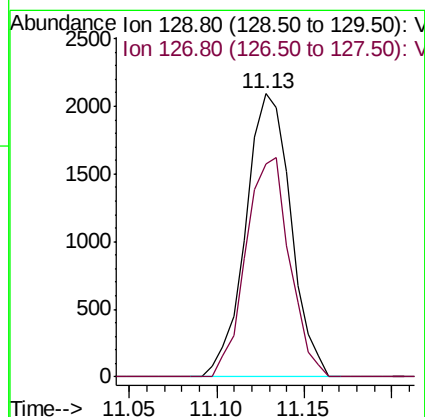
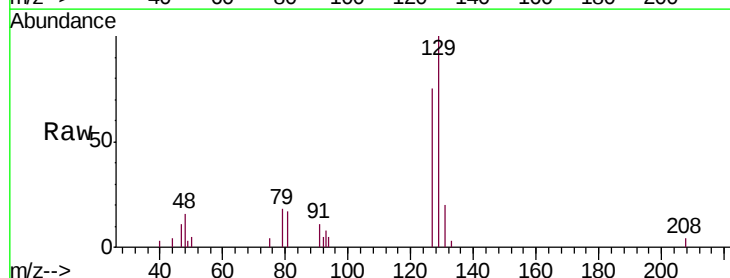
Acq: 24 Dec 2018 23:12

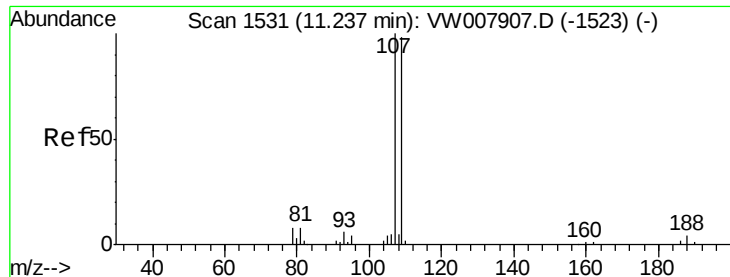
Tgt Ion: 129 Resp: 3753

Ion Ratio Lower Upper

129 100

127 75.0 38.0 113.9

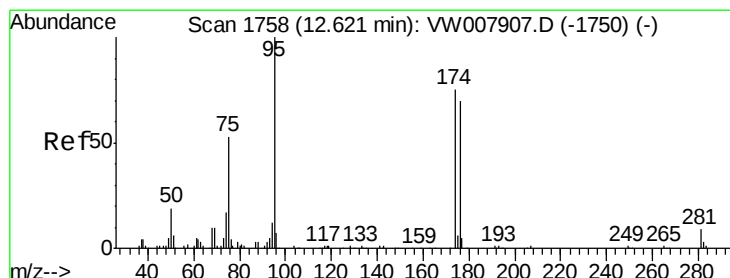
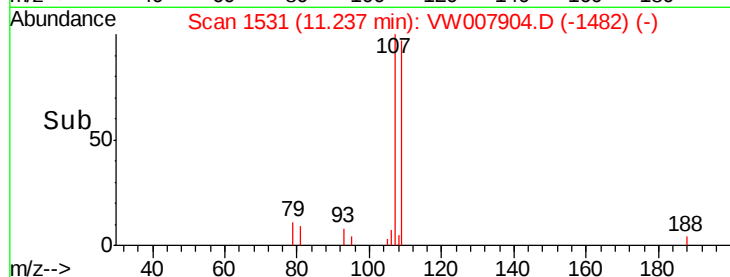
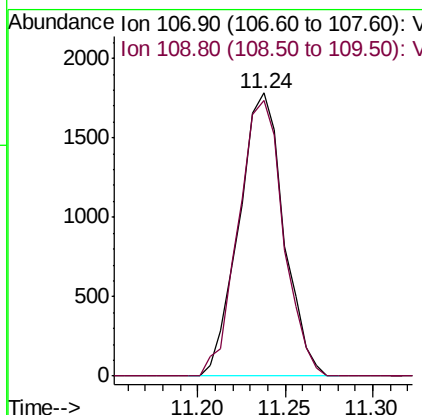
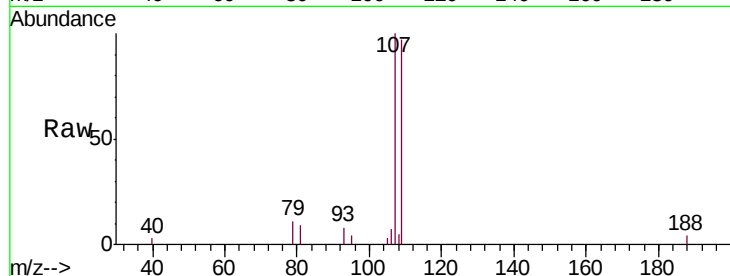




#61
 1,2-Dibromoethane
 Concen: 4.800 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

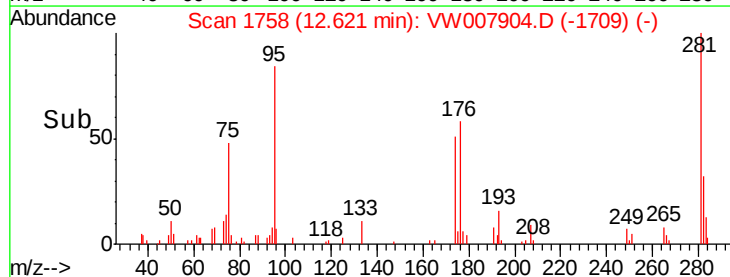
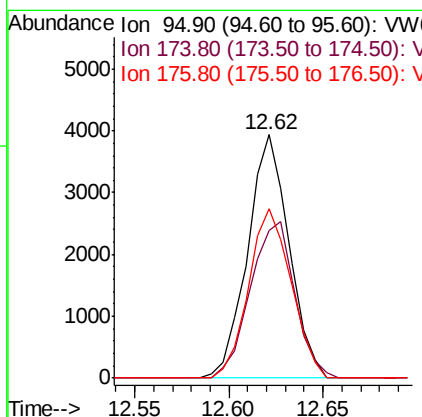
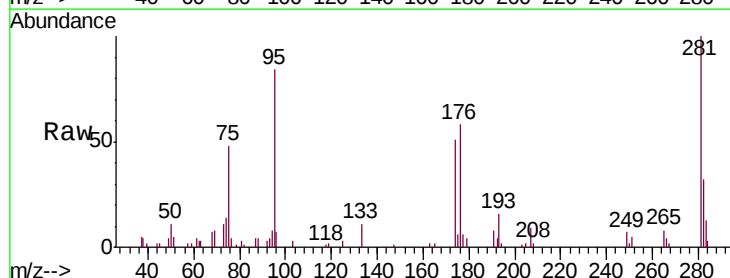
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

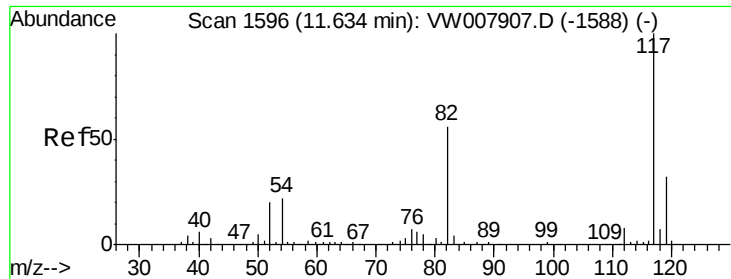
Tgt Ion: 107 Resp: 3181
 Ion Ratio Lower Upper
 107 100
 109 97.6 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 4.984 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 95 Resp: 5985
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 145.4
 176 71.5 0.0 140.2

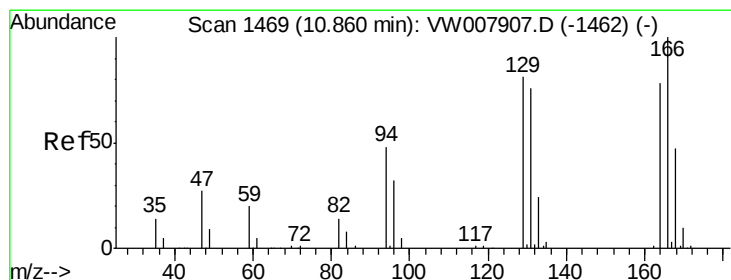
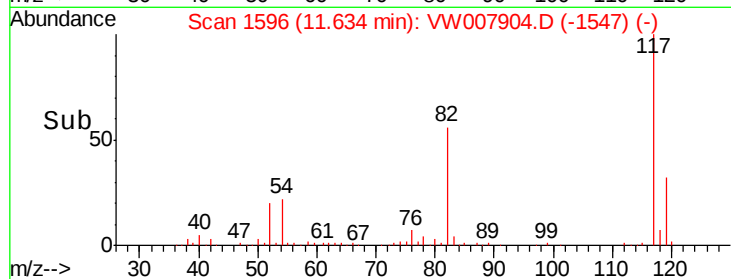
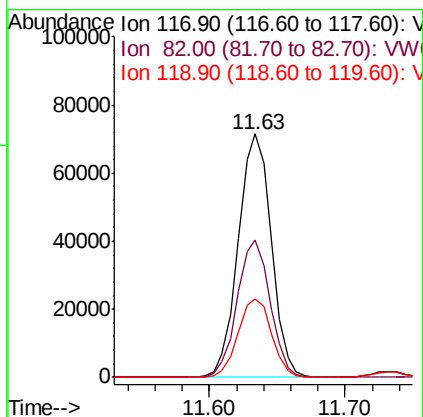
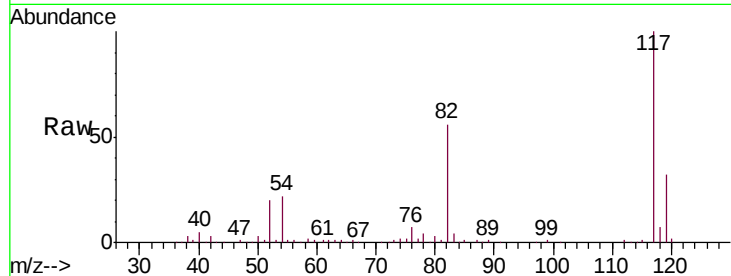




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

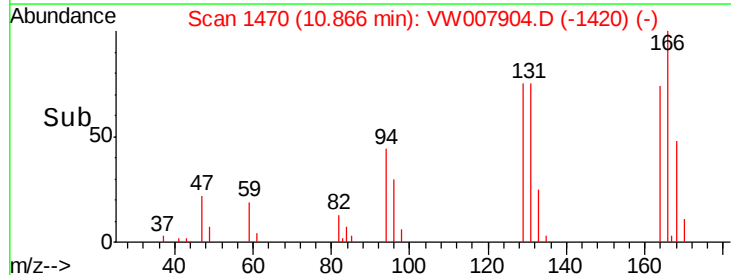
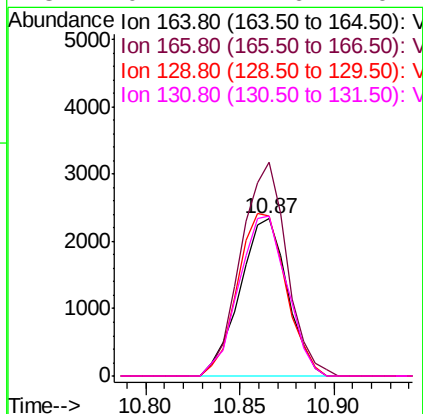
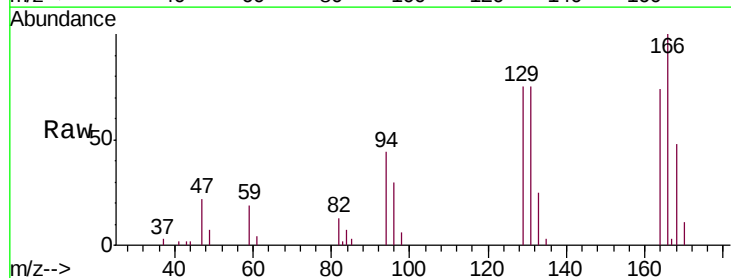
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

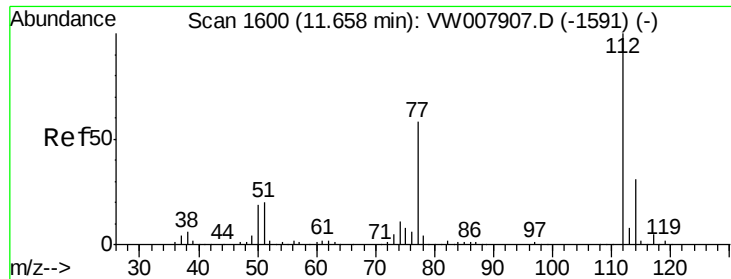
Tgt Ion:117 Resp: 121269
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 4.760 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:164 Resp: 4094
Ion Ratio Lower Upper
164 100
166 135.7 102.1 153.1
129 101.7 82.3 123.5
131 101.4 77.6 116.4

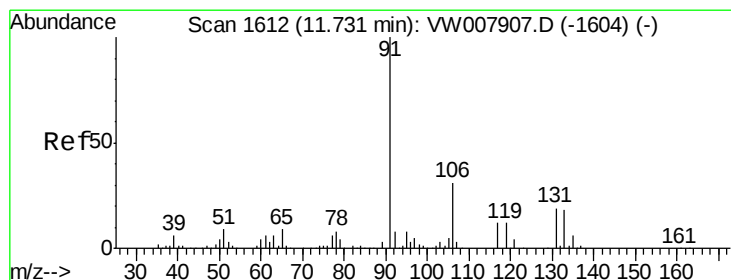
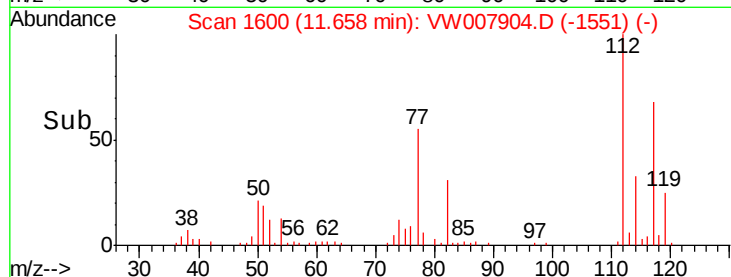
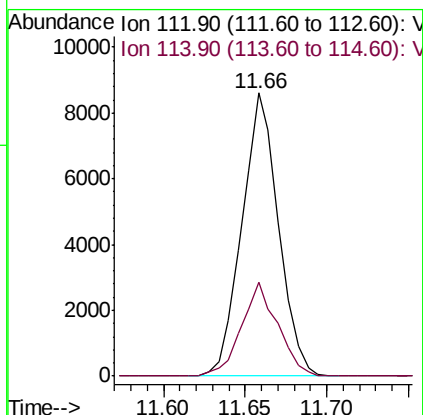
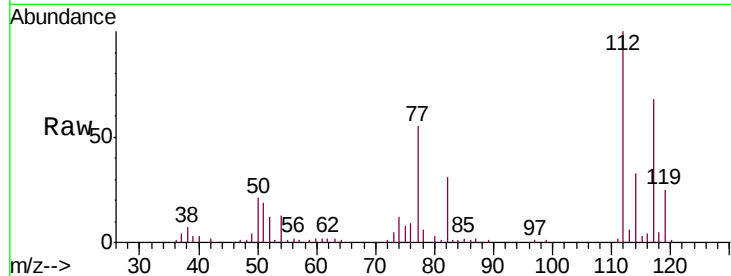




#65
Chlorobenzene
Concen: 5.093 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

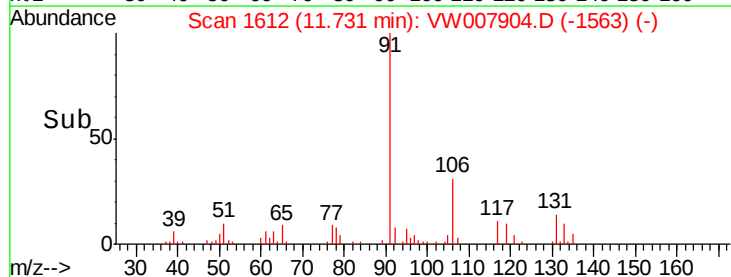
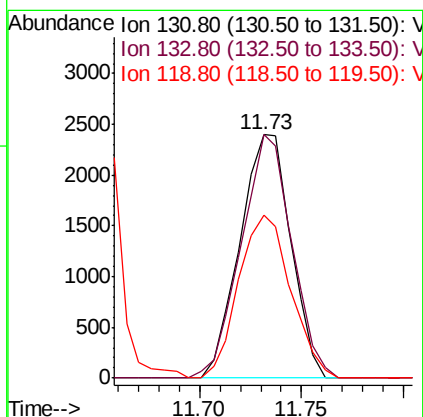
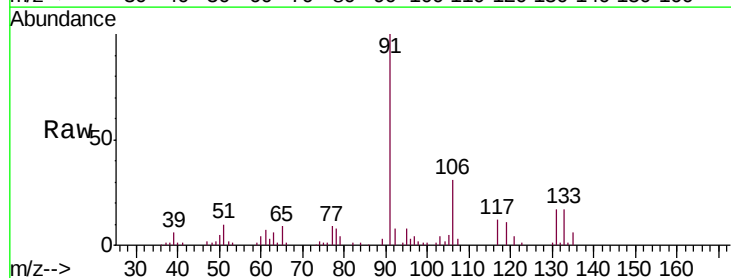
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

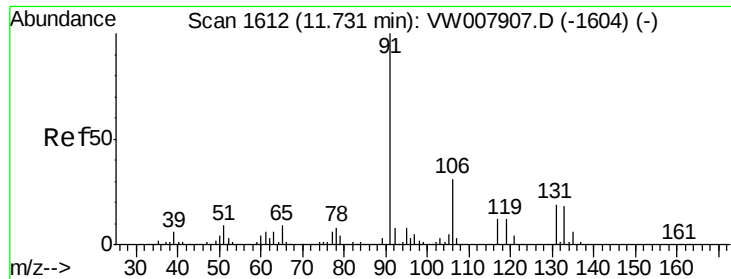
Tgt Ion:112 Resp: 13411
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.444 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:131 Resp: 4156
Ion Ratio Lower Upper
131 100
133 99.8 48.4 145.3
119 68.5 31.6 95.0

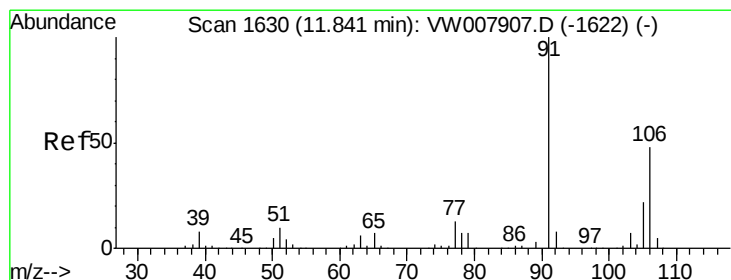
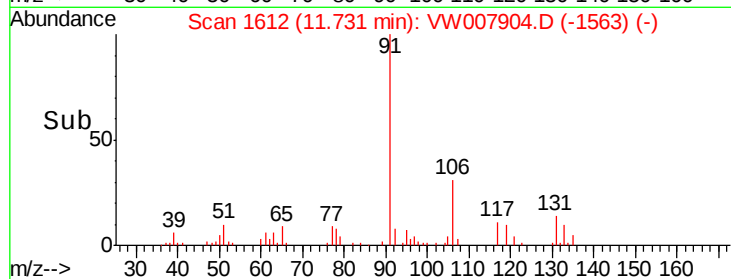
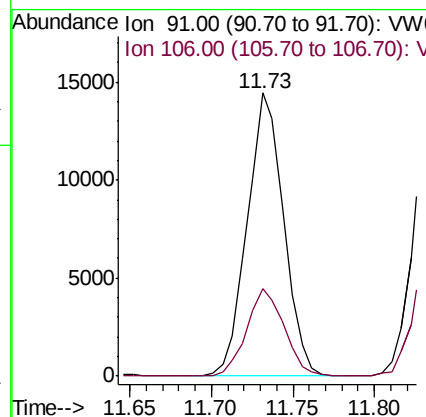
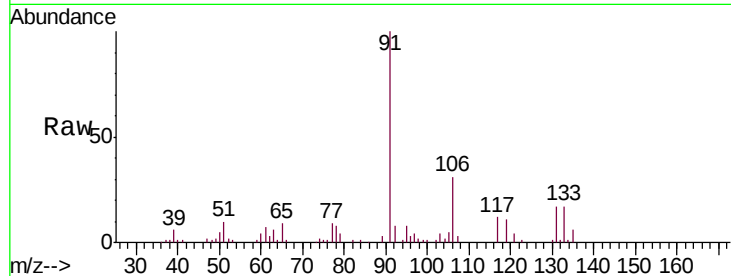




#67
Ethyl Benzene
Concen: 4.960 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

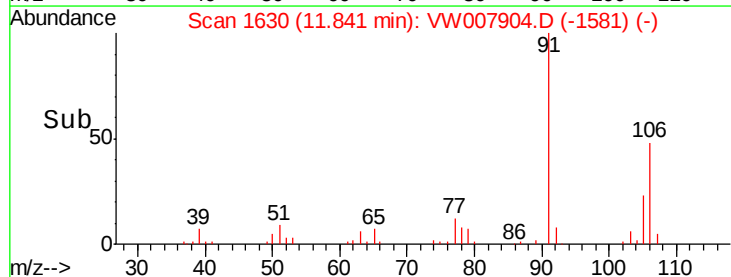
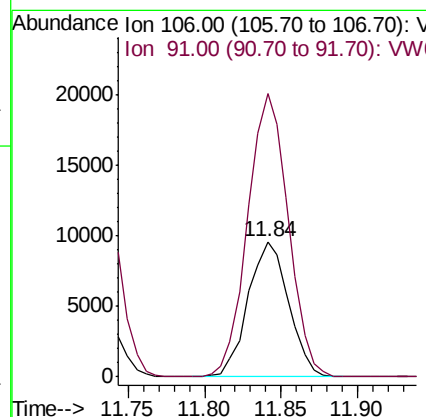
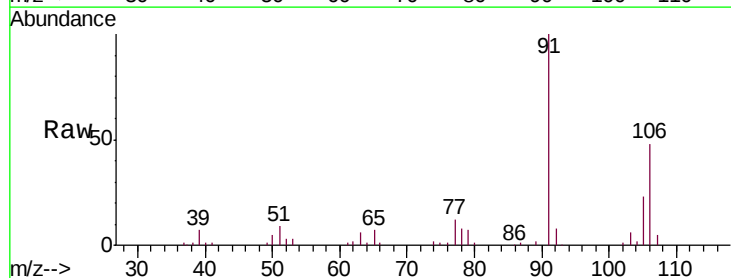
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

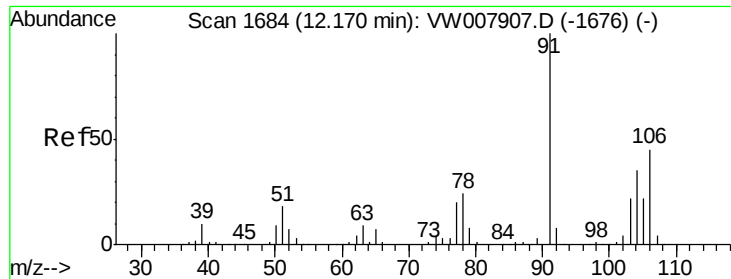
Tgt Ion: 91 Resp: 22478
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 10.104 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 106 Resp: 17690
Ion Ratio Lower Upper
106 100
91 209.2 166.6 249.8

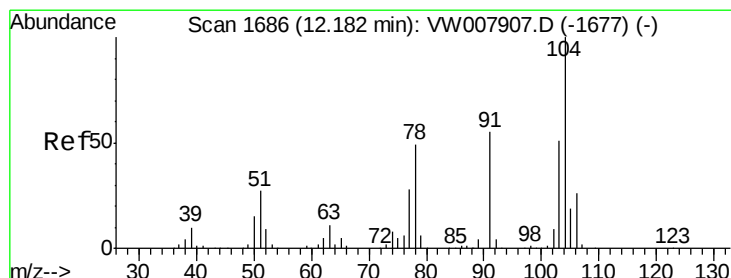
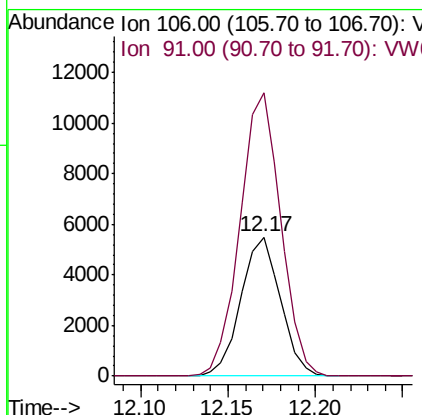
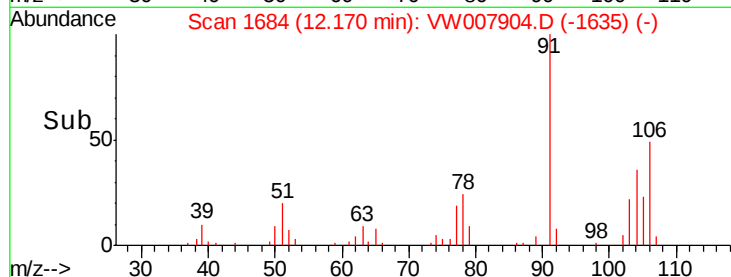
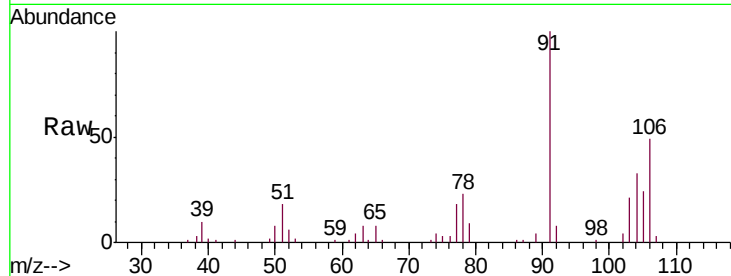




#69
o-Xylene
Concen: 5.299 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

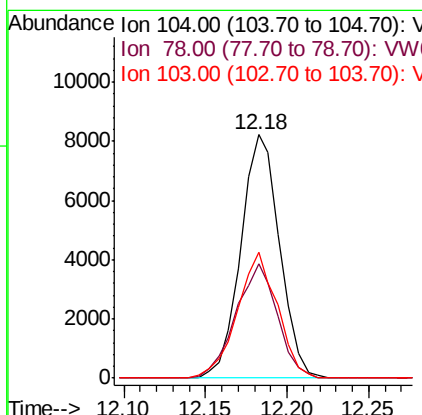
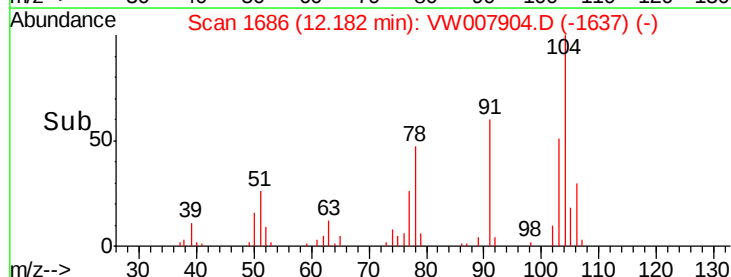
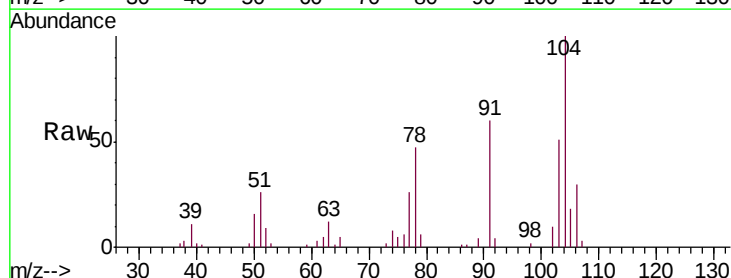
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

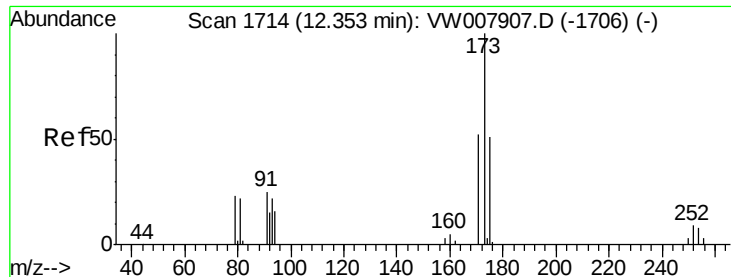
Tgt Ion:106 Resp: 8715
Ion Ratio Lower Upper
106 100
91 208.5 110.3 331.0



#70
Styrene
Concen: 5.020 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:104 Resp: 13583
Ion Ratio Lower Upper
104 100
78 50.3 43.1 64.7
103 53.0 44.1 66.1

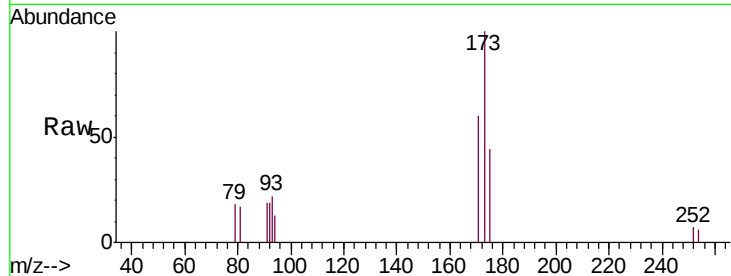




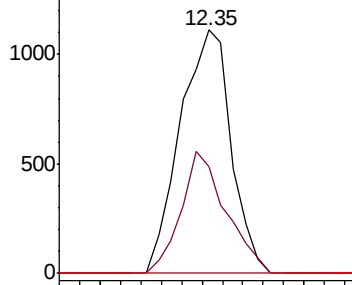
#71
Bromoform
Concen: 4.032 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

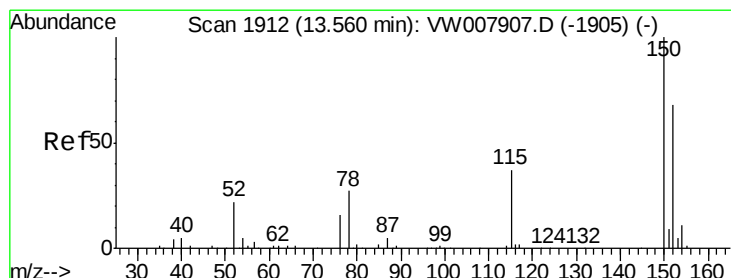
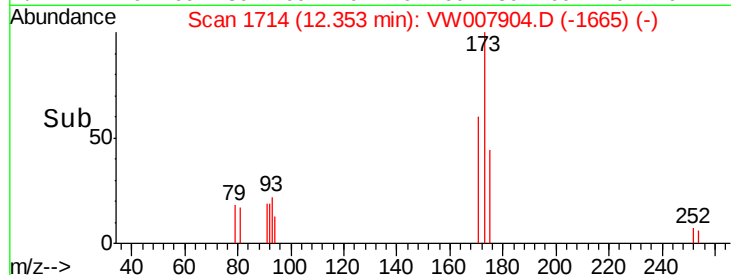
Tgt Ion:173 Resp: 1923
Ion Ratio Lower Upper
173 100
175 44.2 24.9 74.7
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
1500 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

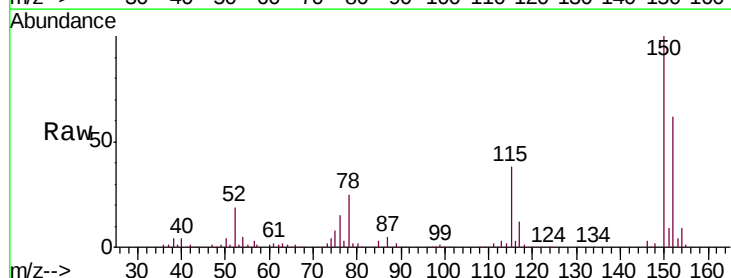


Time-->

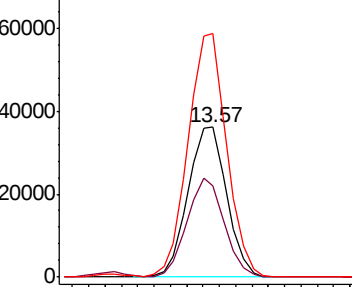


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

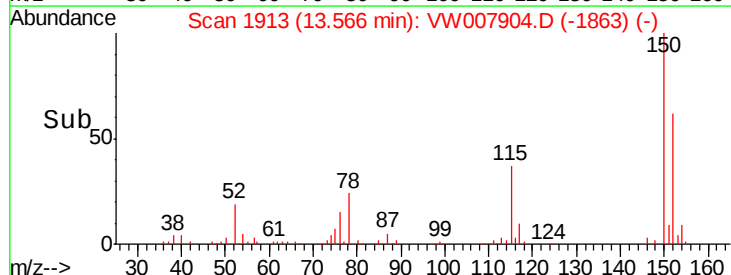
Tgt Ion:152 Resp: 59661
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.9
150 161.8 0.0 349.4

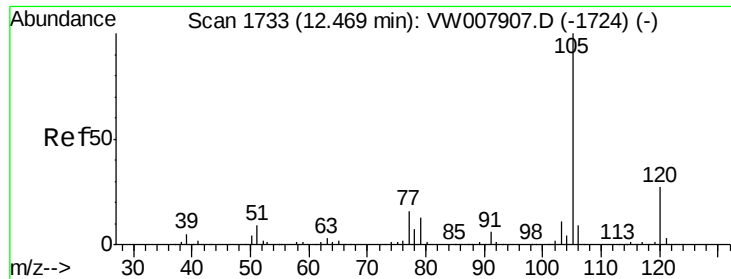


Abundance Ion 151.90 (151.60 to 152.60): V
80000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 4.975 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

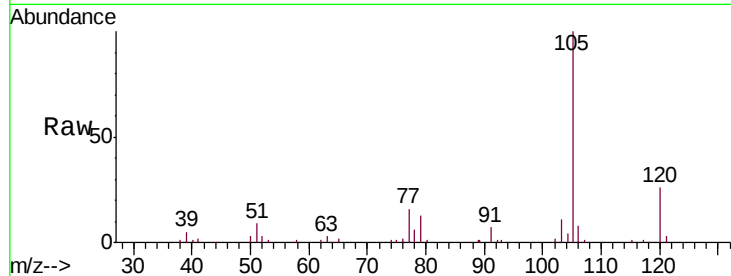
VSTDIC005

Tgt Ion: 105 Resp: 22605

Ion Ratio Lower Upper

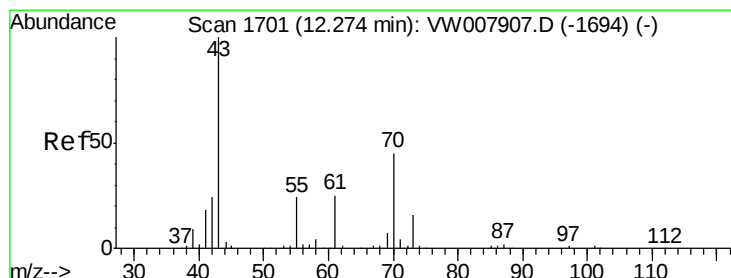
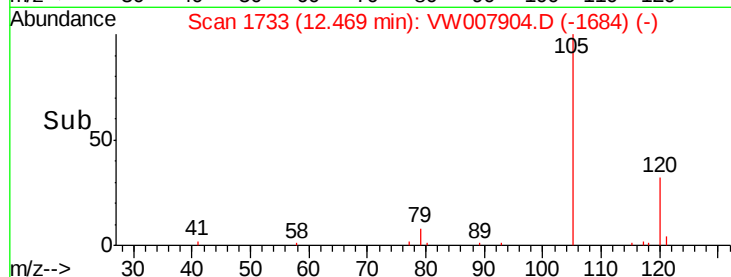
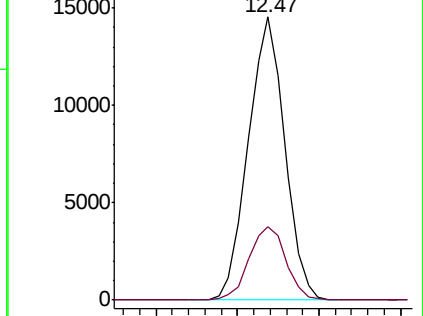
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.321 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Tgt Ion: 43 Resp: 4322

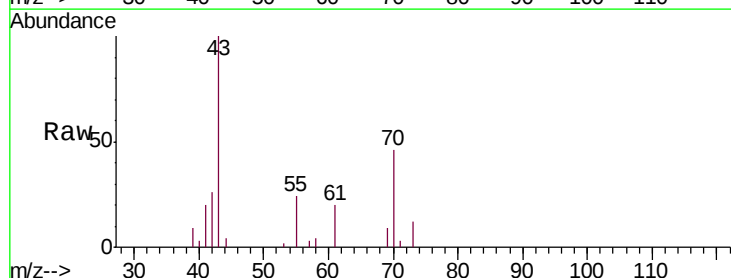
Ion Ratio Lower Upper

43 100

70 43.6 35.4 53.0

55 27.3 19.3 28.9

61 24.5 19.4 29.2

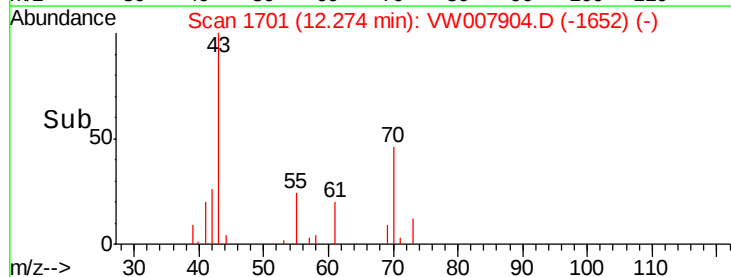
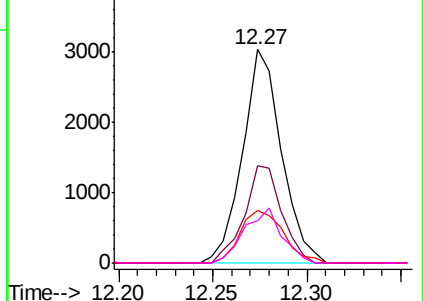


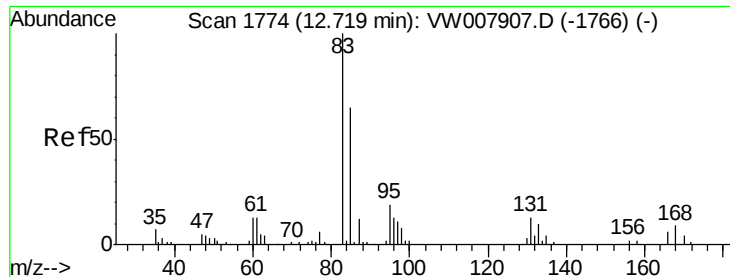
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.425 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

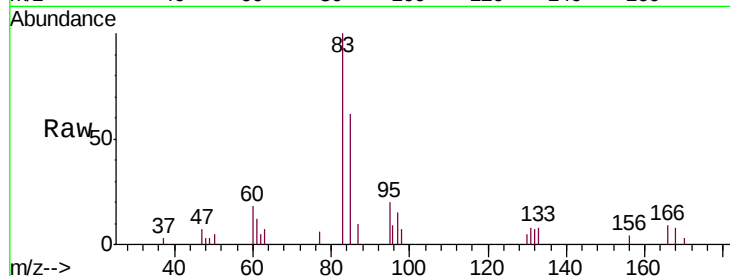
Tgt Ion: 83 Resp: 3745

Ion Ratio Lower Upper

83 100

131 9.9 6.2 18.4

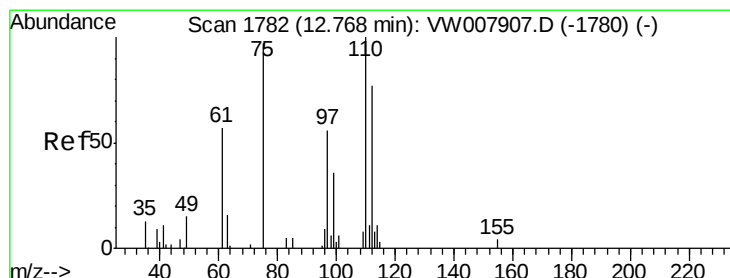
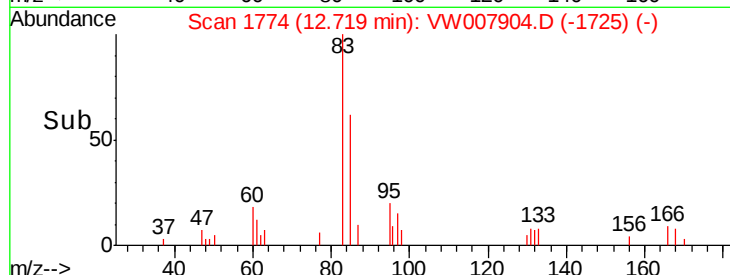
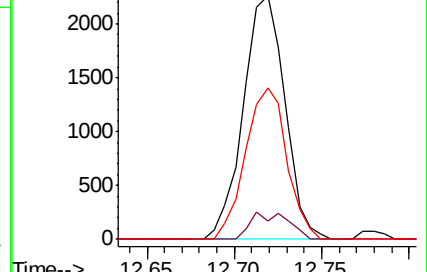
85 61.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 1.413 ug/l

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW007904.D

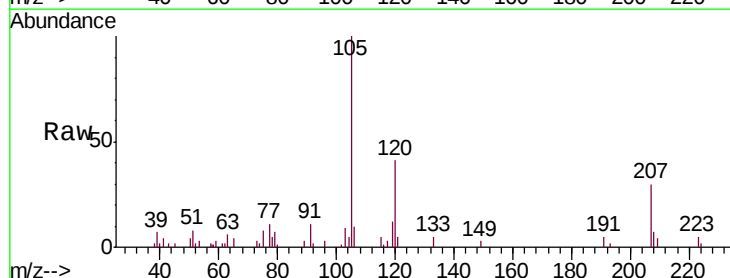
Acq: 24 Dec 2018 23:12

Tgt Ion: 75 Resp: 670

Ion Ratio Lower Upper

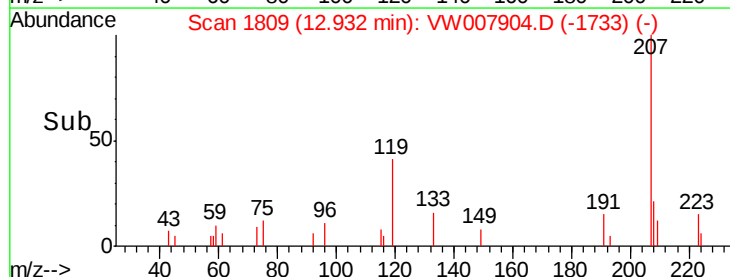
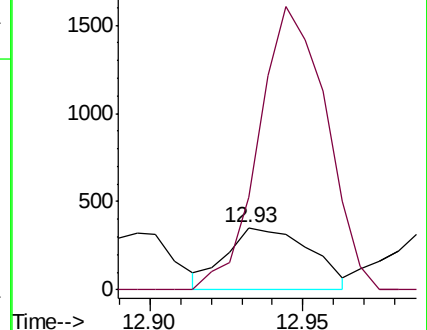
75 100

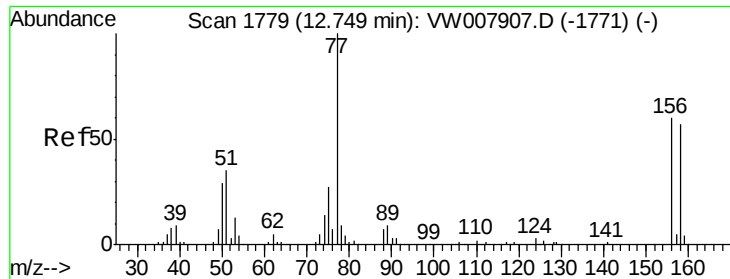
77 370.3 165.9 497.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.954 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

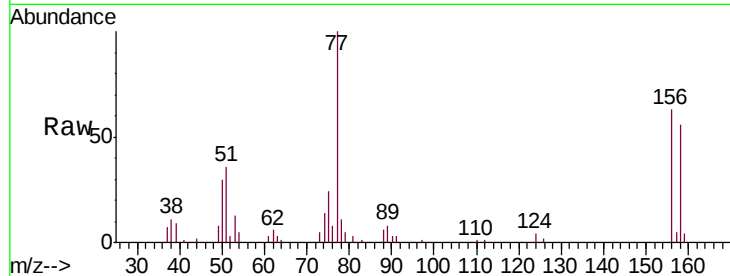
Tgt Ion: 156 Resp: 5148

Ion Ratio Lower Upper

156 100

77 190.3 94.0 282.0

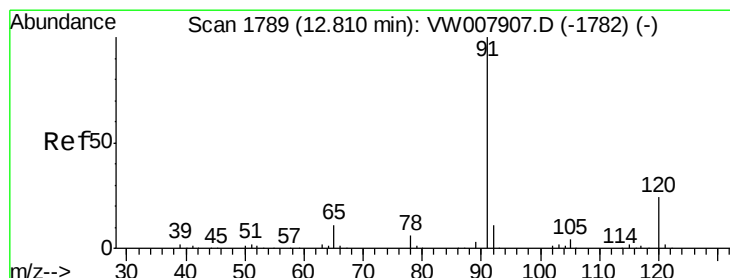
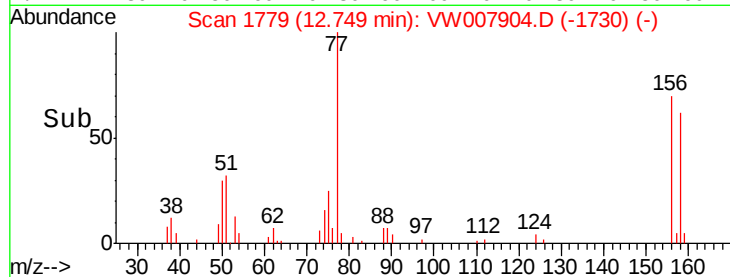
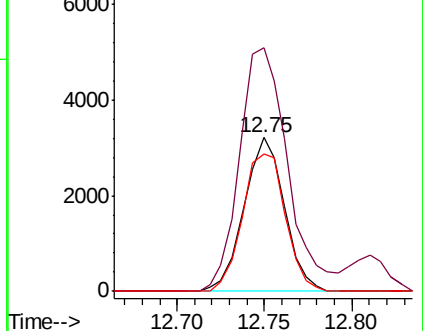
158 95.1 48.6 145.8



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: 5.080 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007904.D

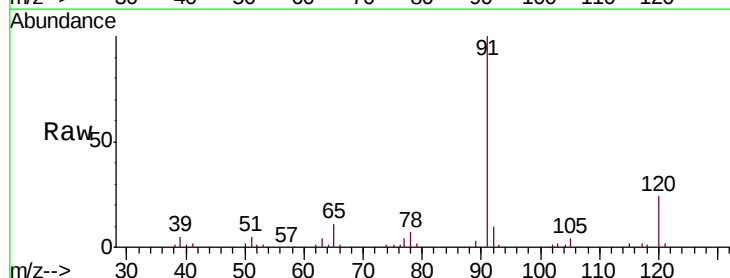
Acq: 24 Dec 2018 23:12

Tgt Ion: 91 Resp: 26881

Ion Ratio Lower Upper

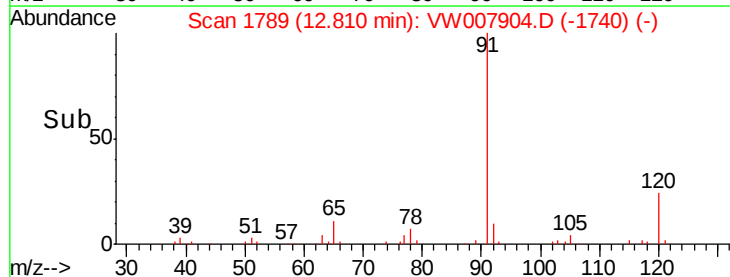
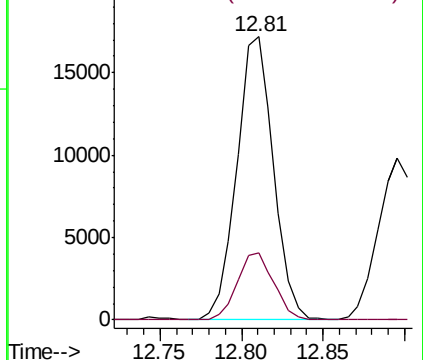
91 100

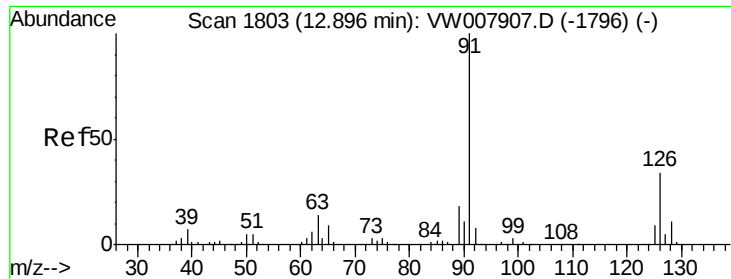
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.185 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

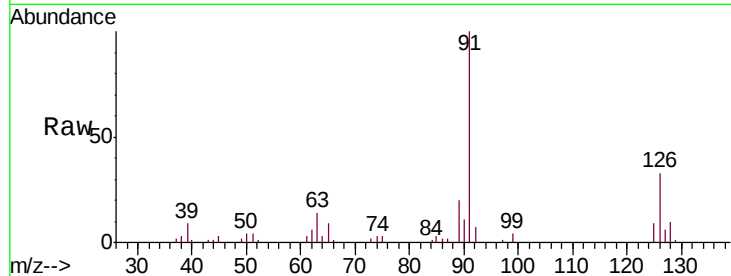
VSTDIC005

Tgt Ion: 91 Resp: 16065

Ion Ratio Lower Upper

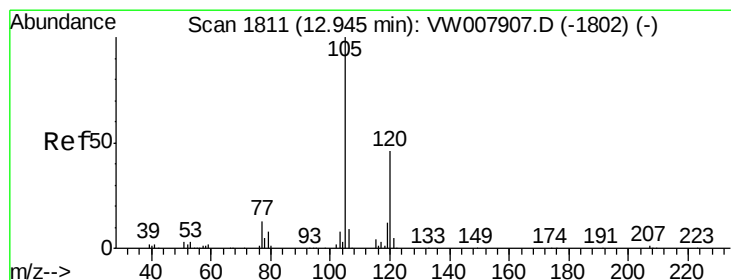
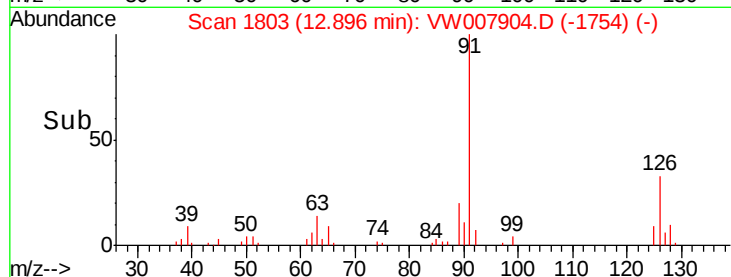
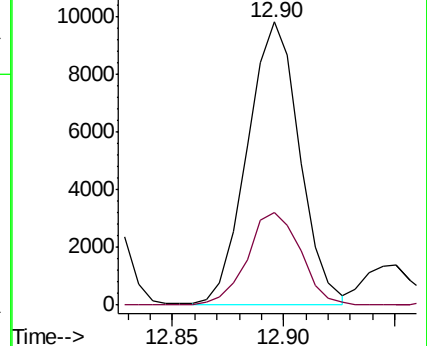
91 100

126 33.0 16.6 49.8



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: 5.082 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007904.D

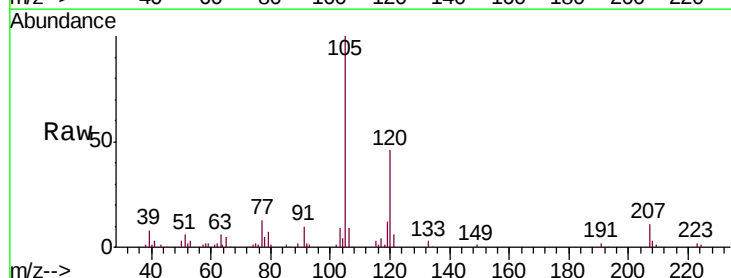
Acq: 24 Dec 2018 23:12

Tgt Ion:105 Resp: 19918

Ion Ratio Lower Upper

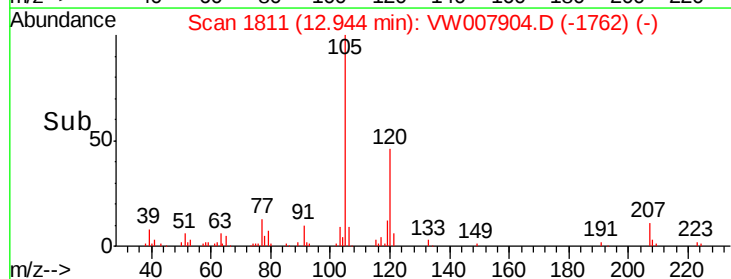
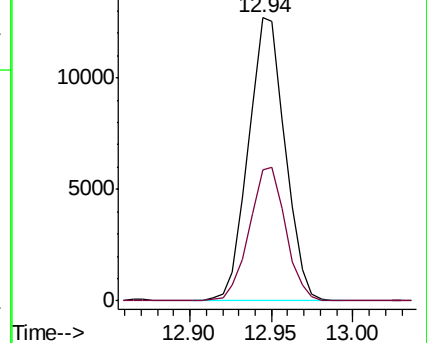
105 100

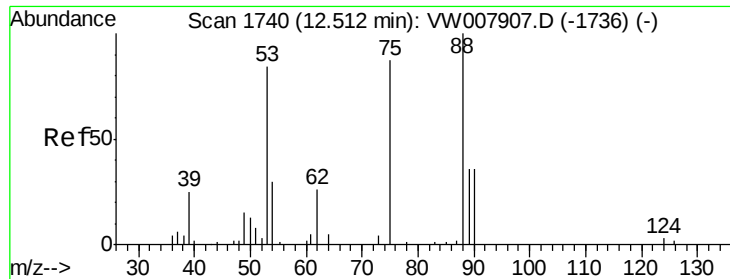
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

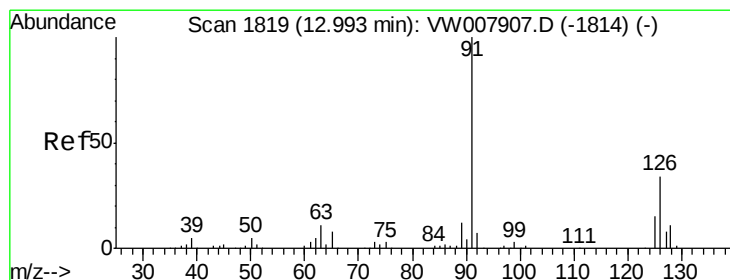
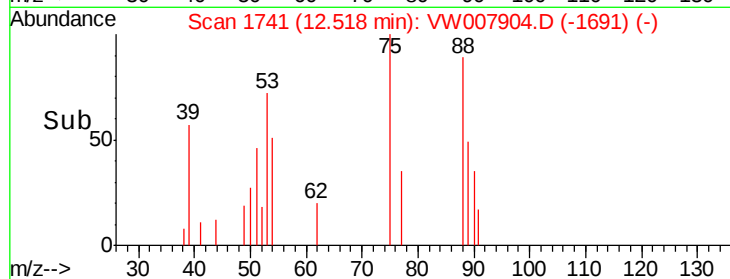
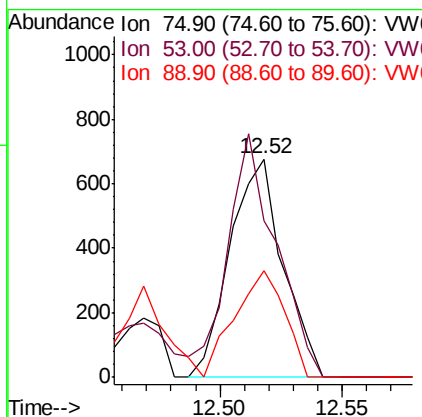
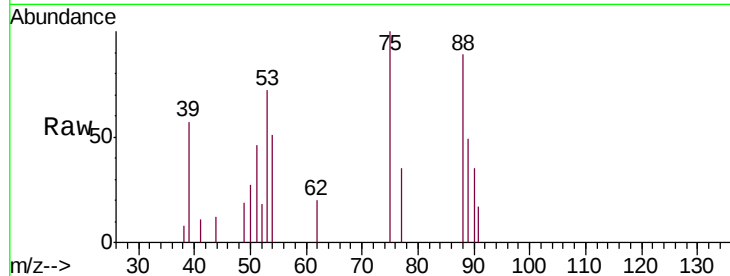




#81
trans-1,4-Dichloro-2-butene
Concen: 4.642 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

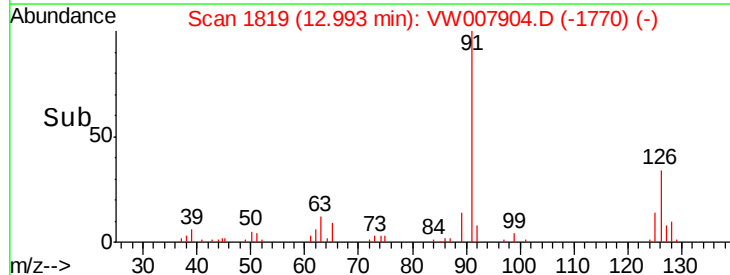
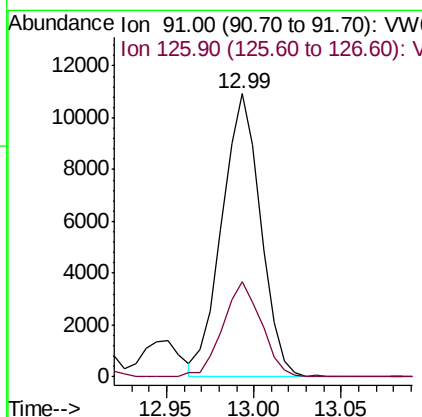
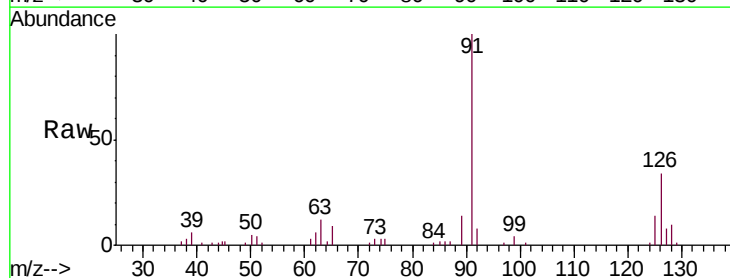
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

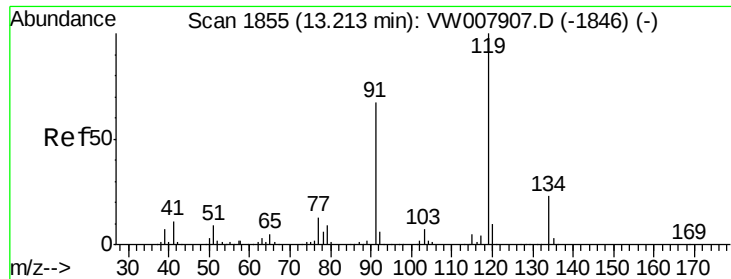
Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
53 101.0 79.8 119.8
89 45.8 37.1 55.7



#82
4-Chlorotoluene
Concen: 5.112 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion: 91 Resp: 16789
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

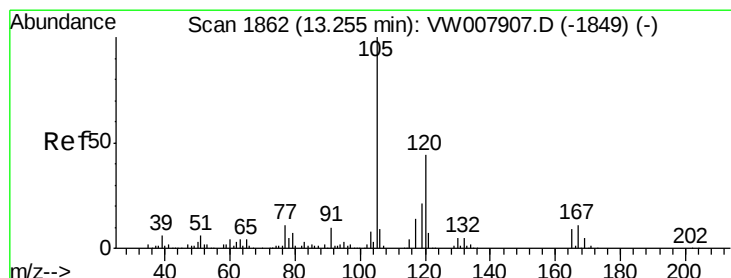
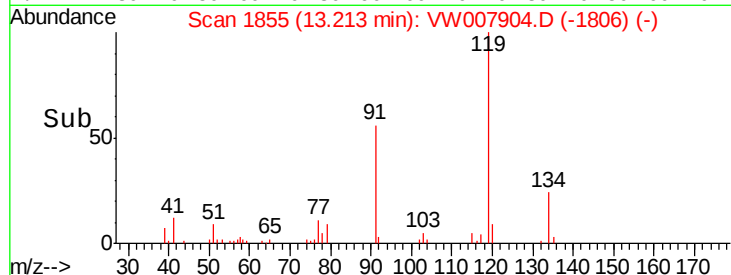
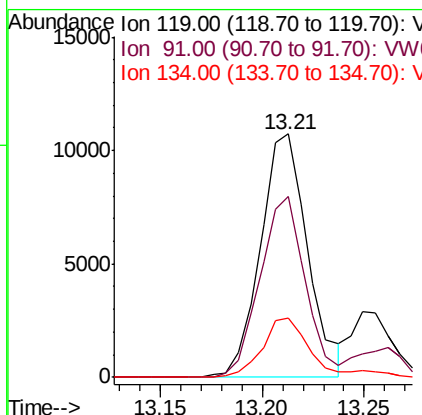
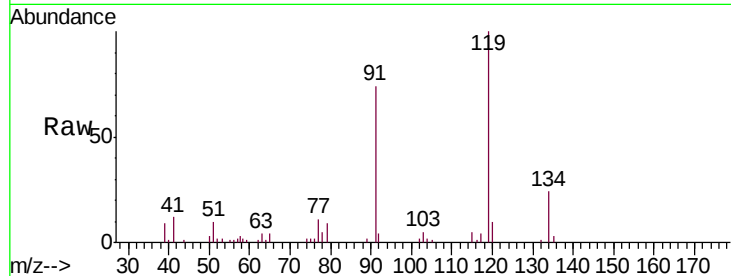




#83
tert-Butylbenzene
Concen: 5.042 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

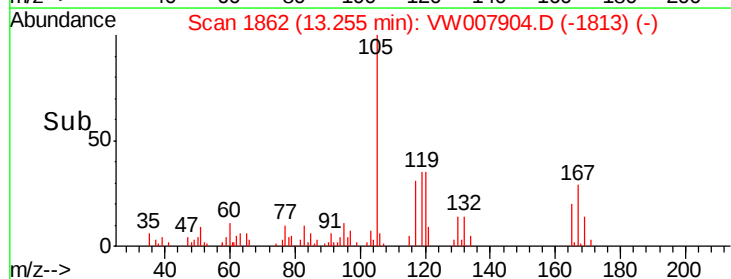
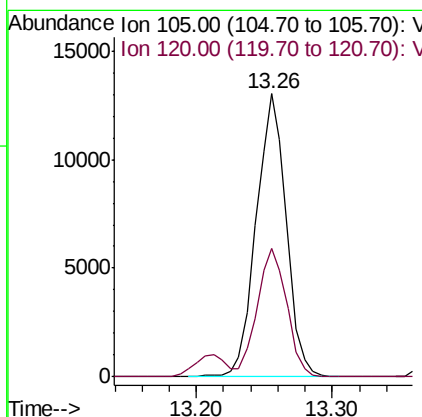
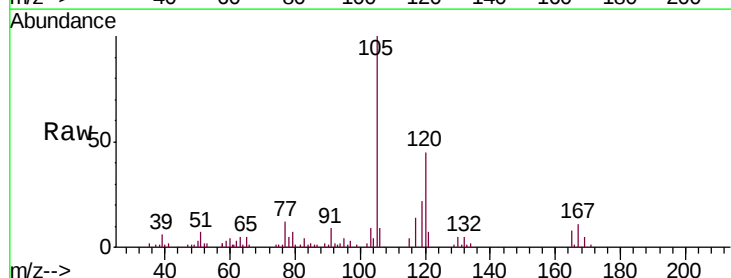
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

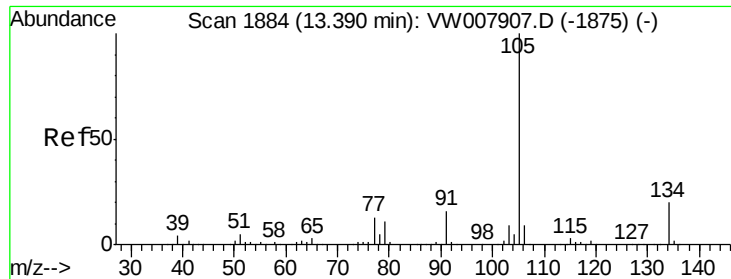
Tgt Ion:119 Resp: 17336
Ion Ratio Lower Upper
119 100
91 70.8 33.8 101.3
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 5.096 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007904.D
Acq: 24 Dec 2018 23:12

Tgt Ion:105 Resp: 20164
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

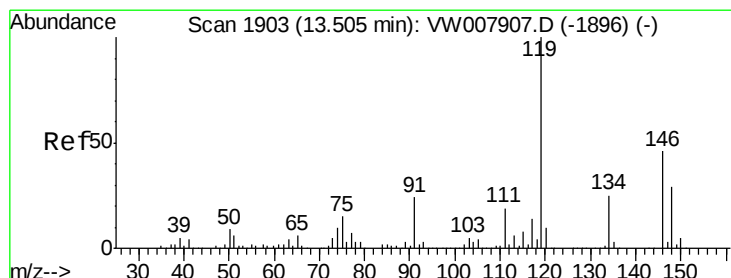
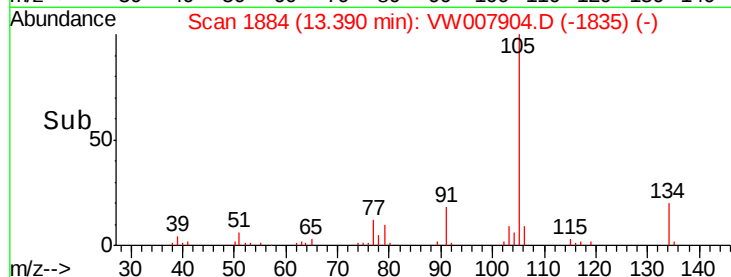
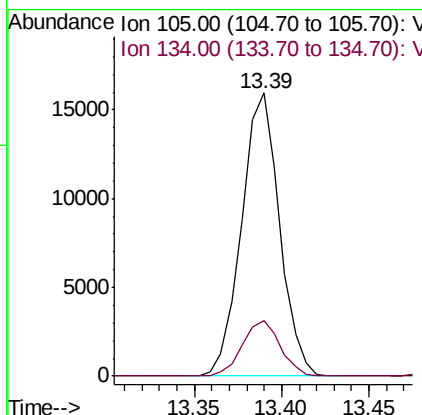
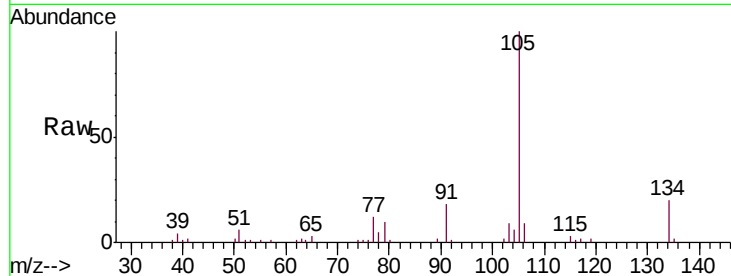




#85
 sec-Butylbenzene
 Concen: 5.073 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

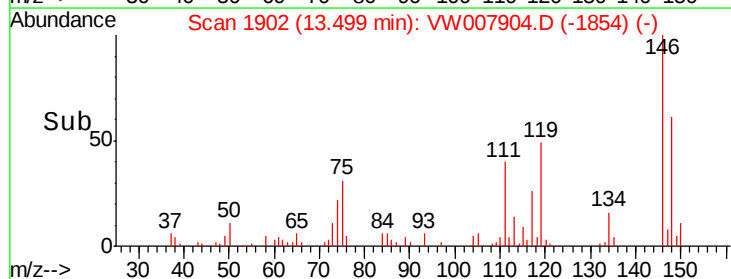
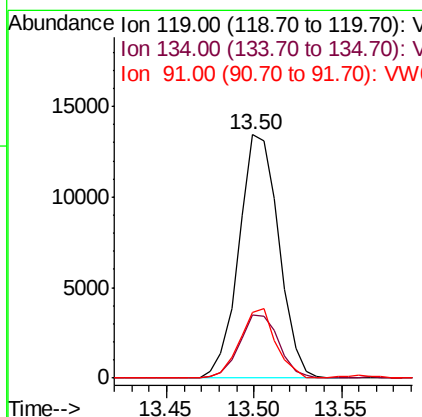
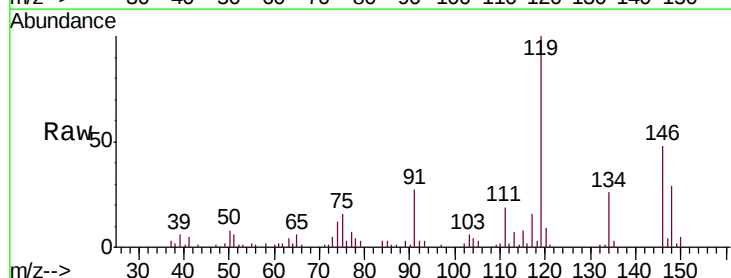
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

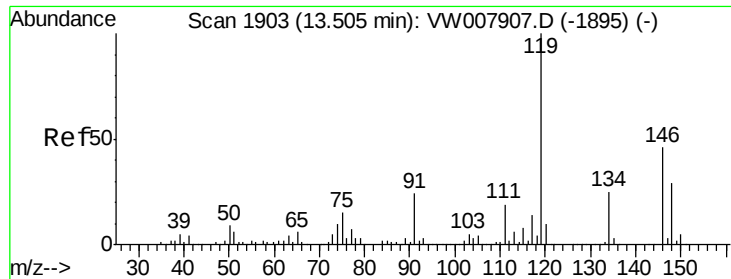
Tgt Ion:105 Resp: 24009
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.939 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:119 Resp: 21217
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.8 12.7 38.1

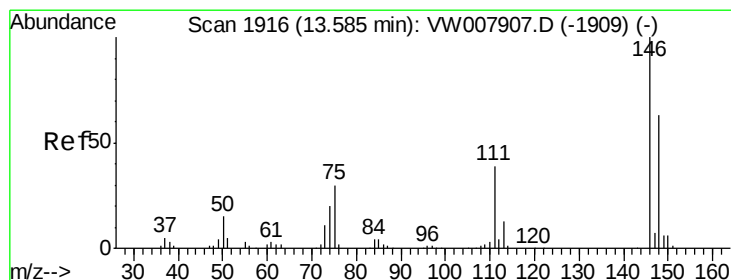
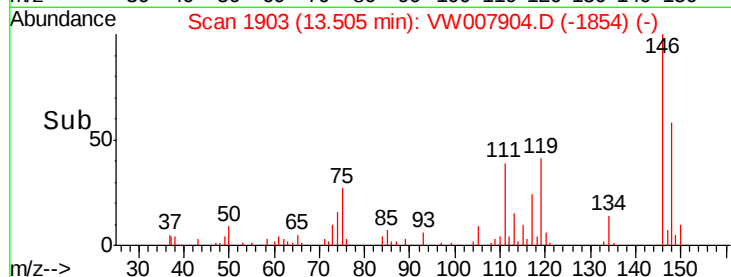
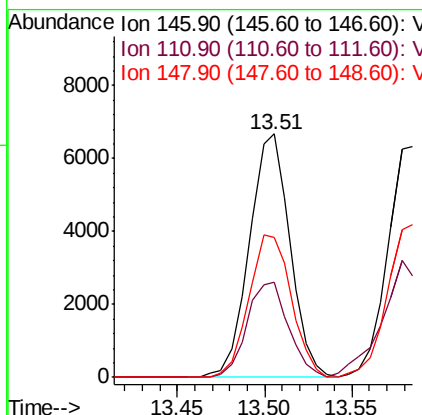
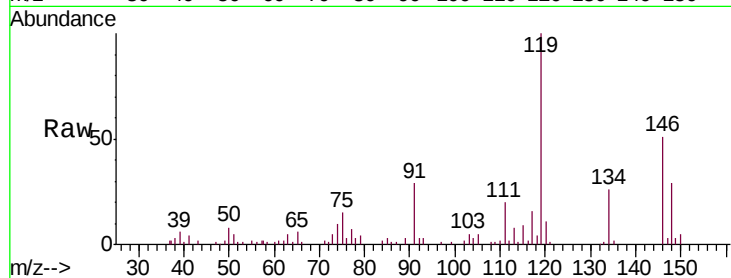




#87
 1,3-Dichlorobenzene
 Concen: 5.209 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

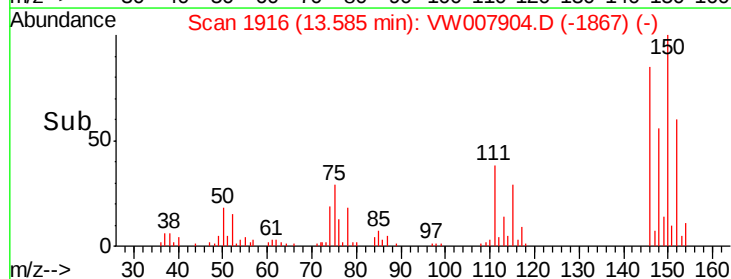
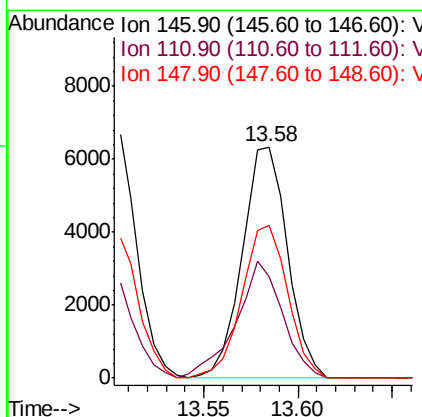
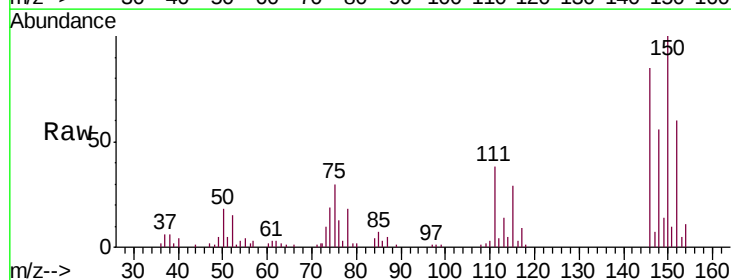
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

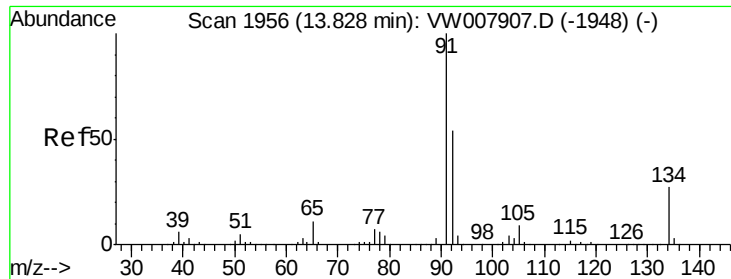
Tgt Ion:146 Resp: 10764
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.4 64.2
 148 61.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 5.113 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:146 Resp: 10532
 Ion Ratio Lower Upper
 146 100
 111 52.1 20.8 62.5
 148 66.8 31.9 95.5





#89

n-Butylbenzene

Concen: 4.955 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

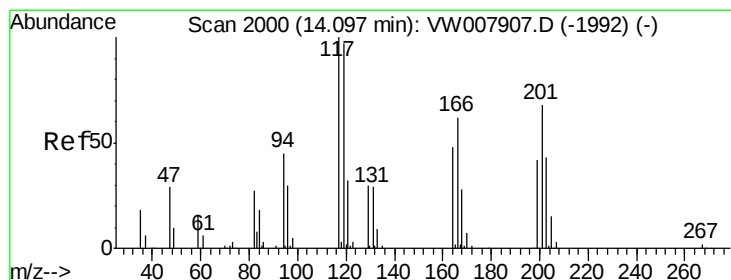
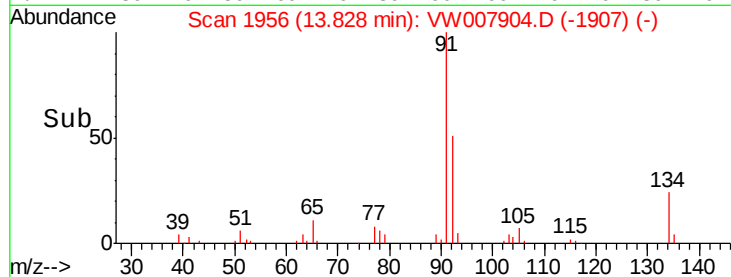
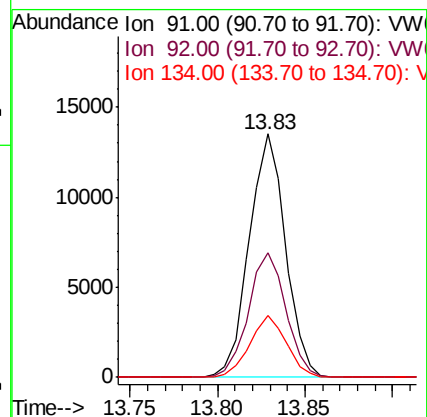
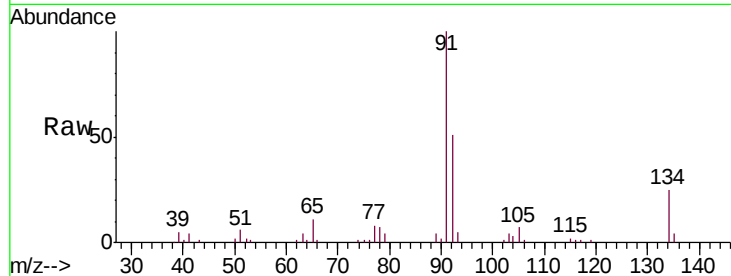
Tgt Ion: 91 Resp: 19527

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

134 25.6 13.2 39.5



#90

Hexachloroethane

Concen: 4.213 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007904.D

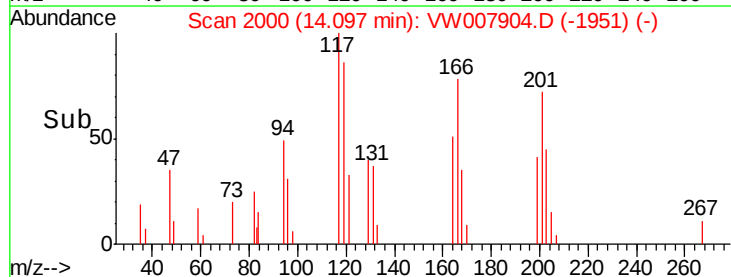
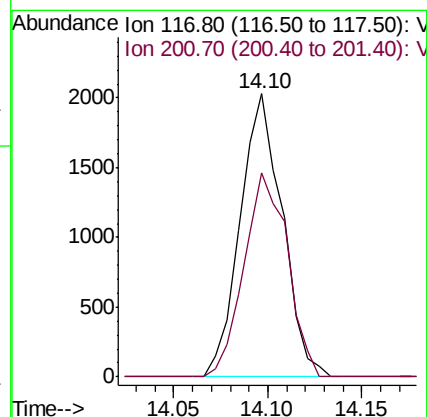
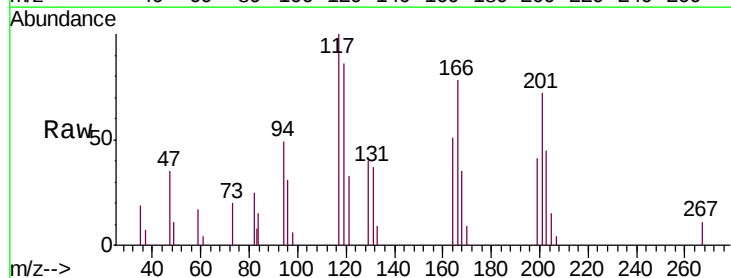
Acq: 24 Dec 2018 23:12

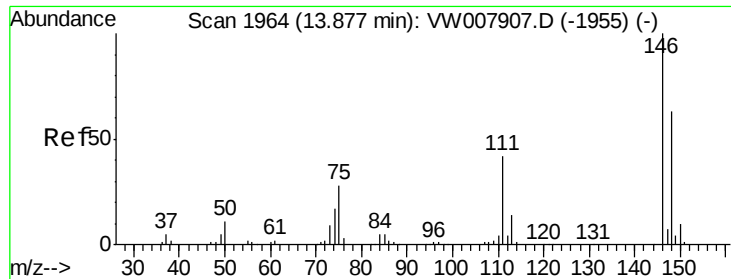
Tgt Ion: 117 Resp: 3135

Ion Ratio Lower Upper

117 100

201 74.4 35.0 105.0

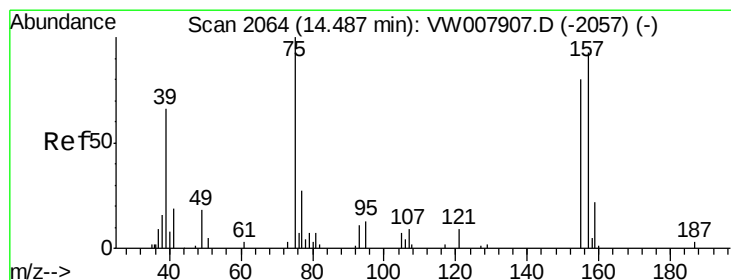
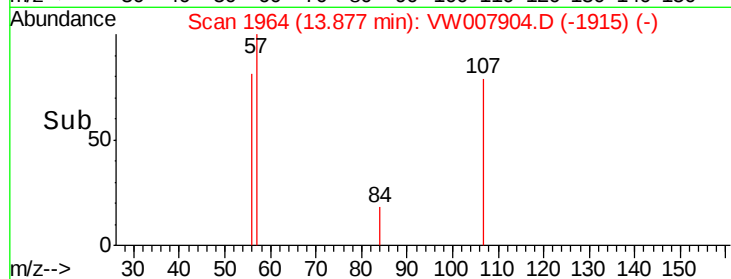
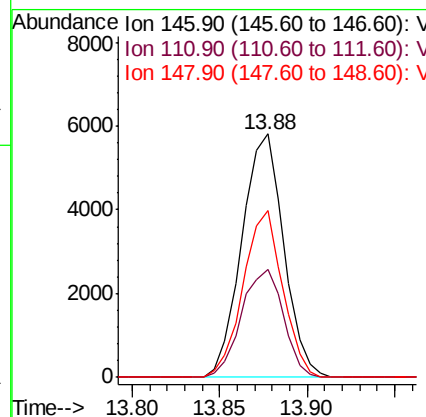
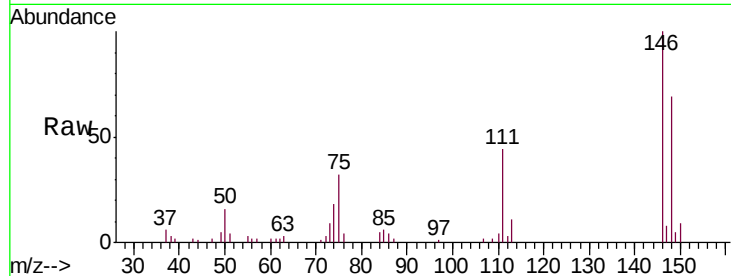




#91
 1,2-Dichlorobenzene
 Concen: 5.230 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

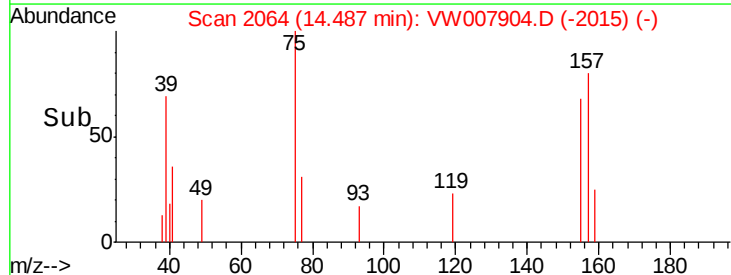
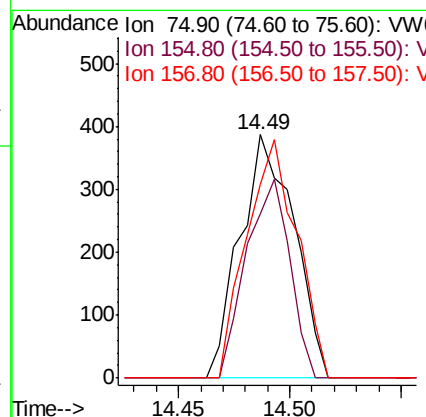
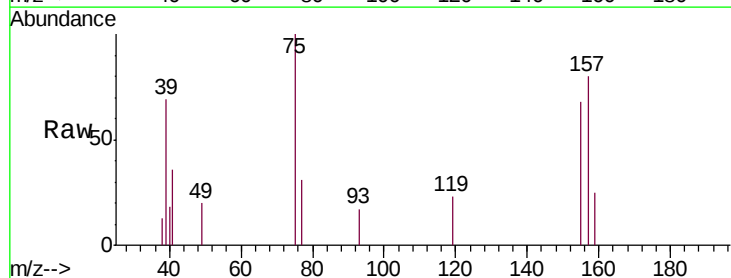
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

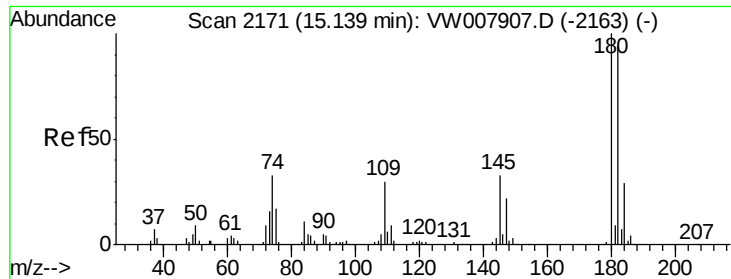
Tgt Ion:146 Resp: 9669
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.0 66.0
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.635 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion: 75 Resp: 651
 Ion Ratio Lower Upper
 75 100
 155 66.1 38.8 116.3
 157 91.2 48.1 144.3

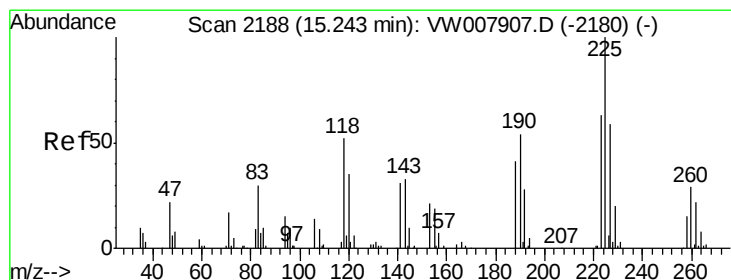
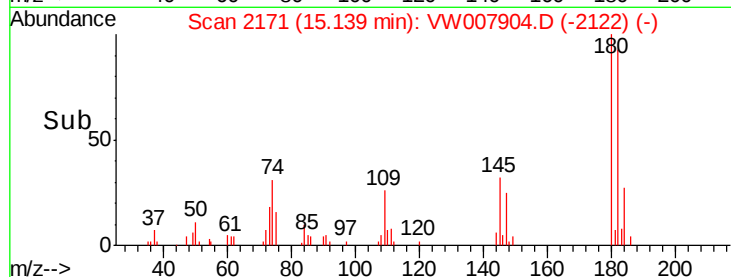
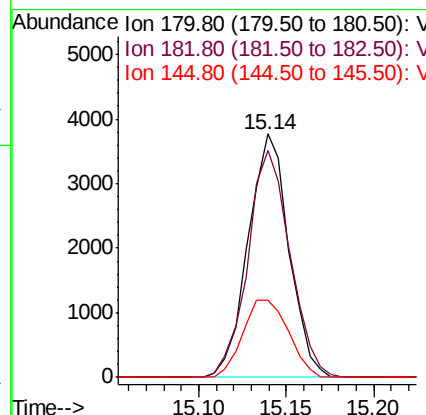
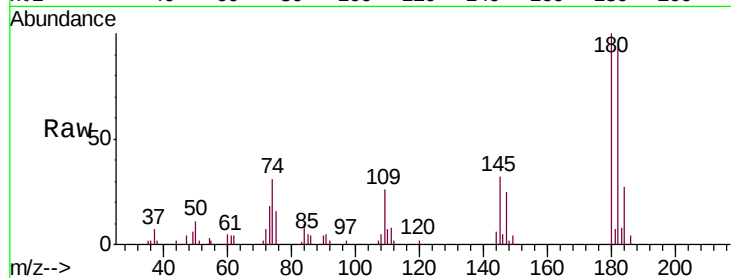




#93
 1,2,4-Trichlorobenzene
 Concen: 4.773 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

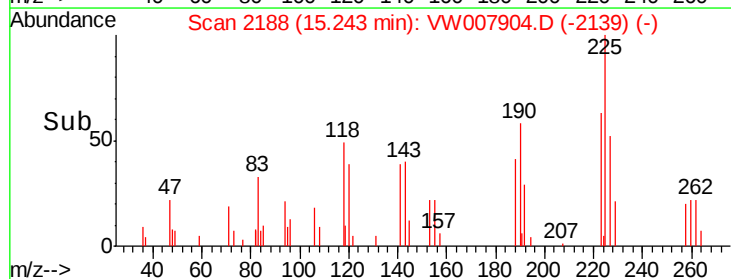
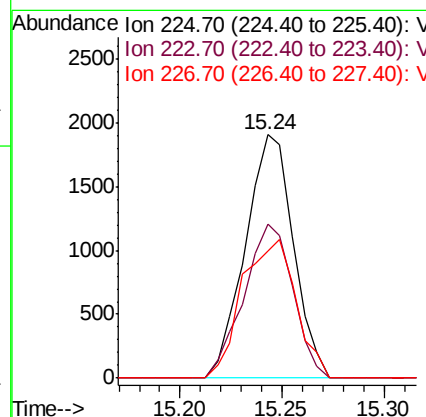
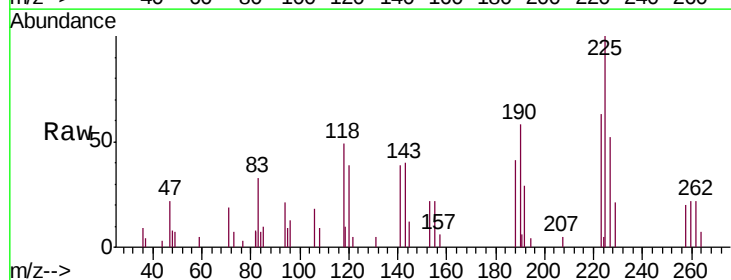
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

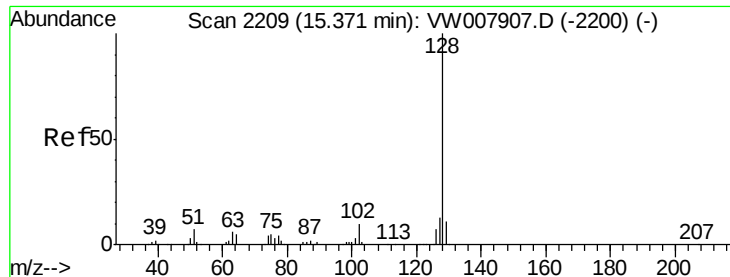
Tgt Ion:180 Resp: 6095
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.9
 145 35.6 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 4.591 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007904.D
 Acq: 24 Dec 2018 23:12

Tgt Ion:225 Resp: 3127
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.4 94.0
 227 63.4 30.6 91.6





#95

Naphthalene

Concen: 4.614 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

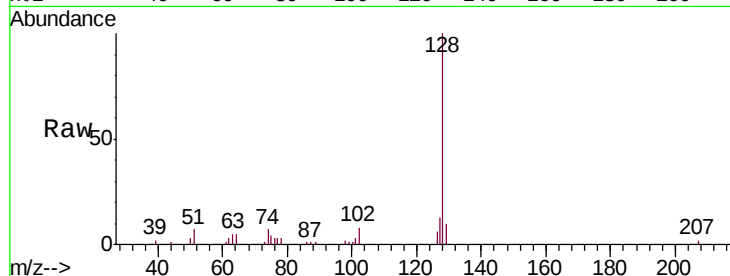
Tgt Ion:128 Resp: 11042

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

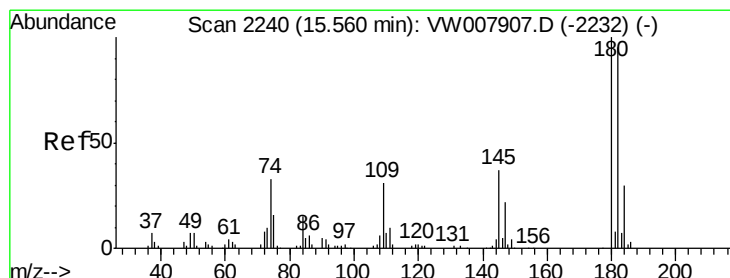
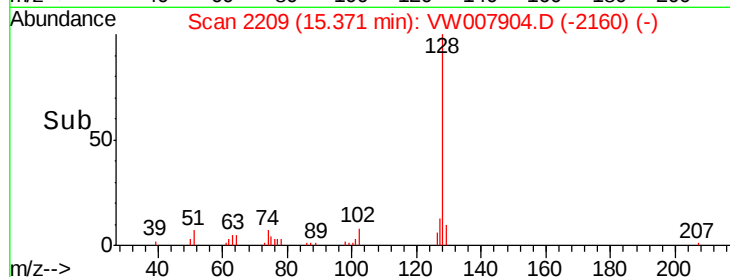
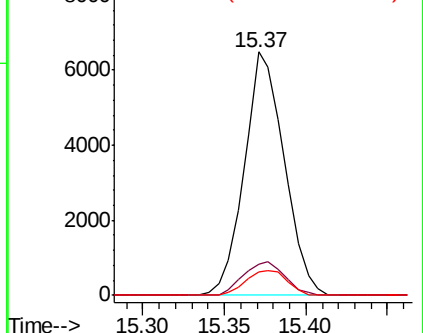
129 10.6 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.632 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW007904.D

Acq: 24 Dec 2018 23:12

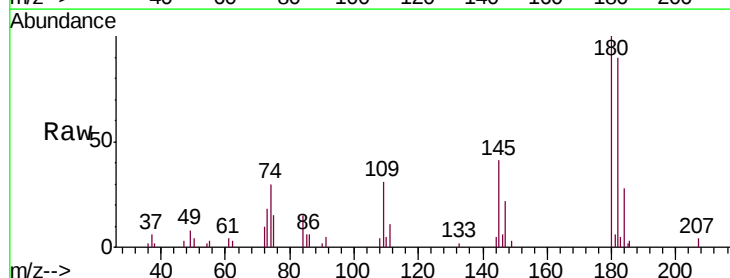
Tgt Ion:180 Resp: 5088

Ion Ratio Lower Upper

180 100

182 100.4 46.6 139.8

145 36.2 18.1 54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

