

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
 Data File : VW005834.D
 Acq On : 04 Oct 2018 03:37
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 04 05:23:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	21457	10.09	ug/l	0.00
Spiked Amount			Recovery	=	20.18%	
35) Dibromofluoromethane	7.89	113	18313	10.30	ug/l	0.00
Spiked Amount			Recovery	=	20.60%	
50) Toluene-d8	10.33	98	70516	9.80	ug/l	0.00
Spiked Amount			Recovery	=	19.60%	
62) 4-Bromofluorobenzene	12.62	95	26464	9.91	ug/l	0.00
Spiked Amount			Recovery	=	19.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	9566	7.985	ug/l	99
3) Chloromethane	2.21	50	12287	8.676	ug/l	100
4) Vinyl Chloride	2.37	62	18477	10.598	ug/l	90
5) Bromomethane	2.78	94	12707	10.740	ug/l	92
6) Chloroethane	2.93	64	10958	9.809	ug/l	91
7) Trichlorofluoromethane	3.26	101	11904	8.879	ug/l	94
8) Diethyl Ether	3.68	74	9276	10.287	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17746	10.338	ug/l	97
10) Methyl Iodide	4.26	142	27448	10.275	ug/l	99
11) Tert butyl alcohol	5.20	59	6294	51.196	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	17233	10.416	ug/l	86
13) Acrolein	3.90	56	7199	75.518	ug/l	98
14) Allyl chloride	4.67	41	26225	9.204	ug/l	98
15) Acrylonitrile	5.38	53	19006	47.600	ug/l	98
16) Acetone	4.14	43	18994	49.978	ug/l	97
17) Carbon Disulfide	4.38	76	50383	9.665	ug/l	100
18) Methyl Acetate	4.68	43	9581	9.356	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	24602	9.522	ug/l	96
20) Methylene Chloride	4.92	84	31174	14.504	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	17752	9.798	ug/l	95
22) Diisopropyl ether	6.31	45	50337	9.069	ug/l	91
23) Vinyl Acetate	6.26	43	135141	42.374	ug/l	99
24) 1,1-Dichloroethane	6.22	63	35127	10.192	ug/l	99
25) 2-Butanone	7.18	43	24598	47.167	ug/l	90
26) 2,2-Dichloropropane	7.17	77	23473	9.949	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	20654	10.359	ug/l	99
28) Bromochloromethane	7.52	49	12713	9.487	ug/l	97
29) Tetrahydrofuran	7.54	42	14635	44.825	ug/l	99
30) Chloroform	7.68	83	37983	10.627	ug/l	98
31) Cyclohexane	7.96	56	29514	9.027	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	32088	10.217	ug/l	99
36) 1,1-Dichloropropene	8.09	75	26292	9.244	ug/l	98
37) Ethyl Acetate	7.26	43	10599	8.793	ug/l	98
38) Carbon Tetrachloride	8.07	117	30530	10.005	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28651	8.567	ug/l	98
40) Benzene	8.33	78	78631	9.723	ug/l	93
41) Methacrylonitrile	7.49	41	6460	9.265	ug/l	98
42) 1,2-Dichloroethane	8.41	62	26655	10.174	ug/l	99
43) Isopropyl Acetate	8.43	43	20008	8.396	ug/l	97
44) Trichloroethene	9.09	130	21090	10.154	ug/l	98
45) 1,2-Dichloropropane	9.37	63	19032	9.662	ug/l	94
46) Dibromomethane	9.46	93	10072	10.026	ug/l	100
47) Bromodichloromethane	9.65	83	27825	10.393	ug/l	100
48) Methyl methacrylate	9.44	41	9439	8.329	ug/l	95
49) 1,4-Dioxane	9.47	88	3165	197.379	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	53108	44.100	ug/l	98
52) Toluene	10.39	92	48753	9.640	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	24505	9.138	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	28326	9.439	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14363	10.048	ug/l	95
56) Ethyl methacrylate	10.65	69	15389	8.727	ug/l	98
57) 1,3-Dichloropropane	10.94	76	24942	9.896	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	33175	42.337	ug/l	98
59) 2-Hexanone	10.98	43	33878	41.509	ug/l	98
60) Dibromochloromethane	11.13	129	18035	10.359	ug/l	96
61) 1,2-Dibromoethane	11.24	107	13120	9.823	ug/l	98
64) Tetrachloroethene	10.87	164	20629	10.602	ug/l	99
65) Chlorobenzene	11.66	112	57611	10.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21125	10.138	ug/l	98
67) Ethyl Benzene	11.74	91	93047	9.143	ug/l	99
68) m/p-Xylenes	11.85	106	72410	18.768	ug/l	100
69) o-Xylene	12.17	106	33299	9.224	ug/l	99
70) Styrene	12.19	104	56790	9.349	ug/l	99
71) Bromoform	12.35	173	11546	10.325	ug/l #	97
73) Isopropylbenzene	12.47	105	92444	8.866	ug/l	100
74) N-amyl acetate	12.28	43	18435	7.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16038	9.142	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	22329	17.149	ug/l #	100
77) Bromobenzene	12.75	156	23888	9.672	ug/l	98
78) n-propylbenzene	12.81	91	111382	8.847	ug/l	99
79) 2-Chlorotoluene	12.90	91	68660	9.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	82071	9.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4906	8.578	ug/l	95
82) 4-Chlorotoluene	12.99	91	75259	9.751	ug/l	99
83) tert-Butylbenzene	13.21	119	67618	8.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86127	9.388	ug/l	99
85) sec-Butylbenzene	13.39	105	100104	9.085	ug/l	100
86) p-Isopropyltoluene	13.51	119	89483	9.033	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	49430	9.812	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	50989	10.190	ug/l	97
89) n-Butylbenzene	13.83	91	82642	8.897	ug/l	98
90) Hexachloroethane	14.10	117	17752	9.881	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	45430	10.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3136	9.283	ug/l	93

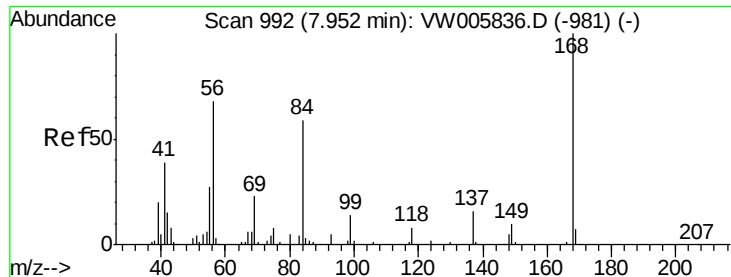
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30299	9.561	ug/l	99
94) Hexachlorobutadiene	15.24	225	20047	9.817	ug/l	98
95) Naphthalene	15.38	128	45581	8.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26730	9.519	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

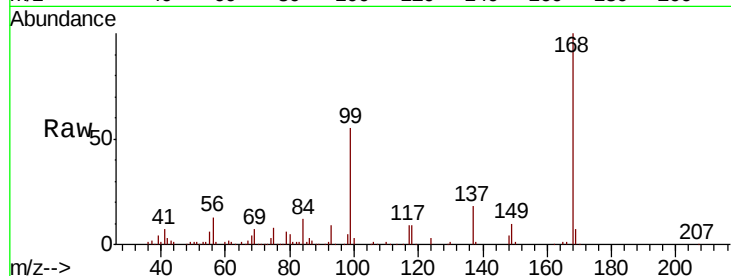
VSTDIC010

Tgt Ion:168 Resp: 179222

Ion Ratio Lower Upper

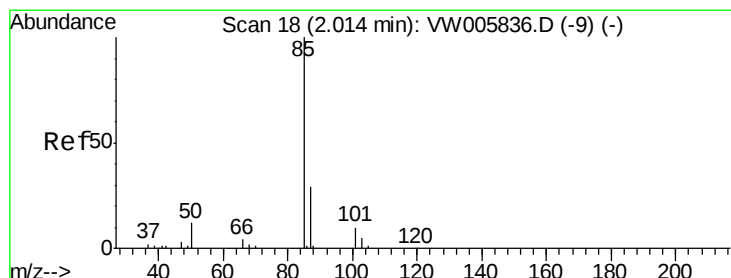
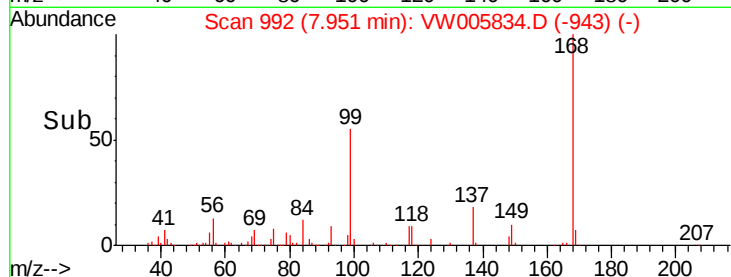
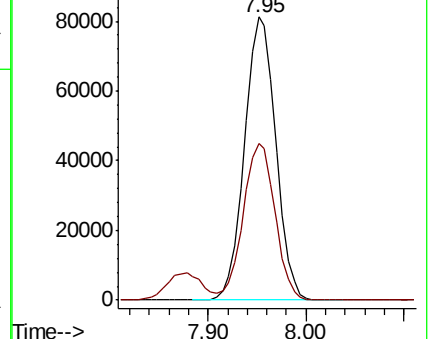
168 100

99 55.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 7.985 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005834.D

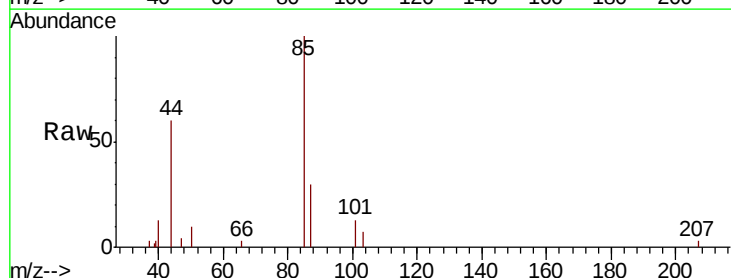
Acq: 04 Oct 2018 03:37

Tgt Ion: 85 Resp: 9566

Ion Ratio Lower Upper

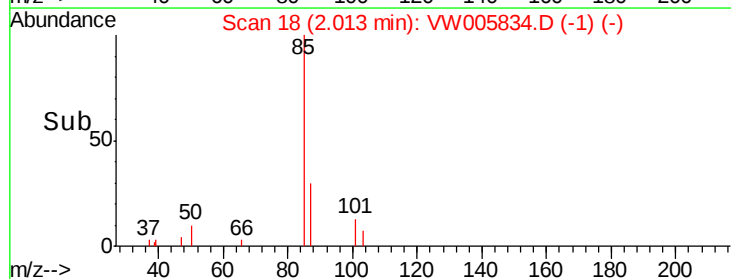
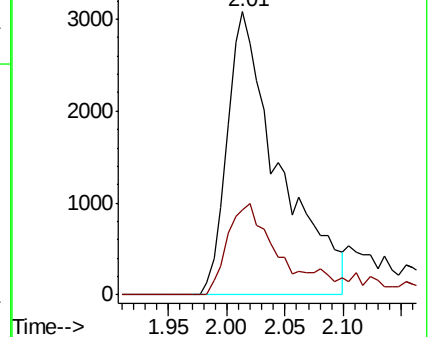
85 100

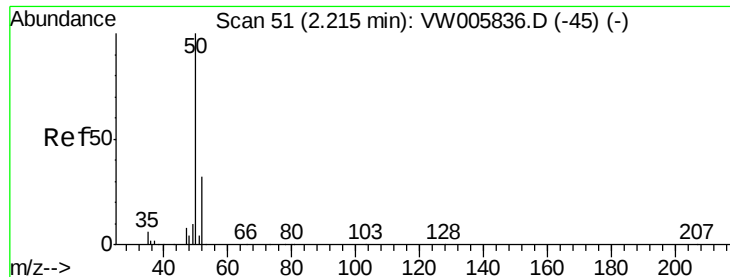
87 30.0 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 8.676 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

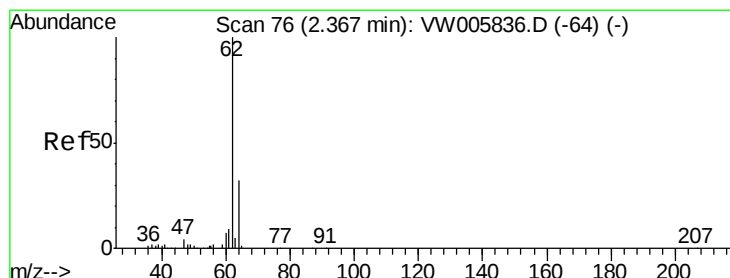
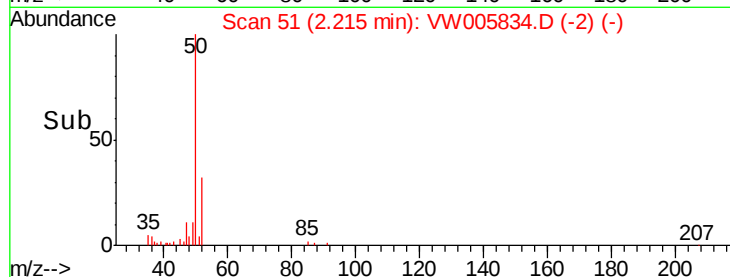
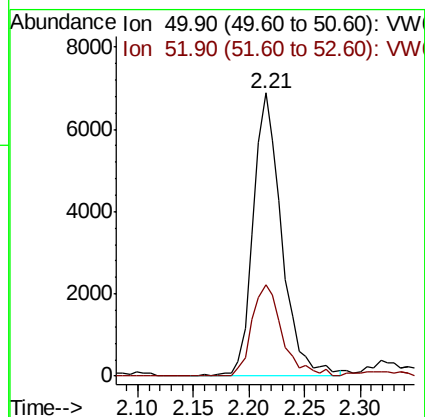
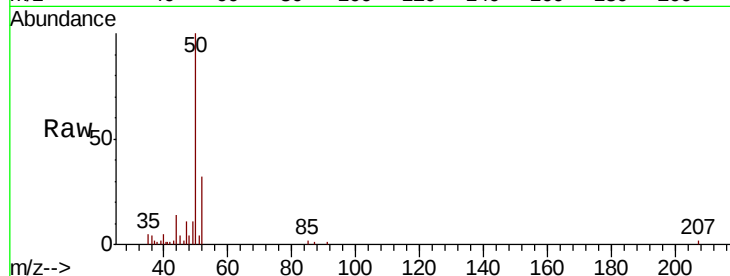
VSTDIC010

Tgt Ion: 50 Resp: 12287

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 10.598 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005834.D

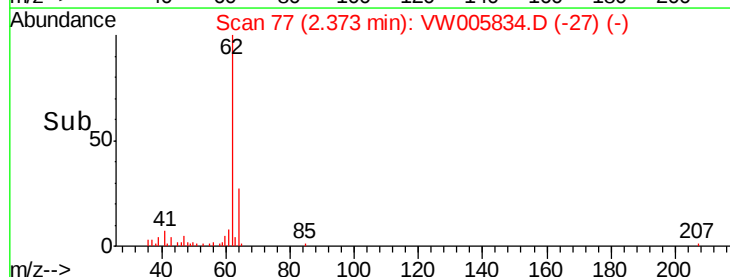
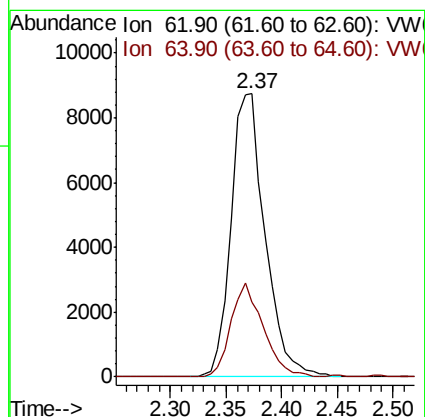
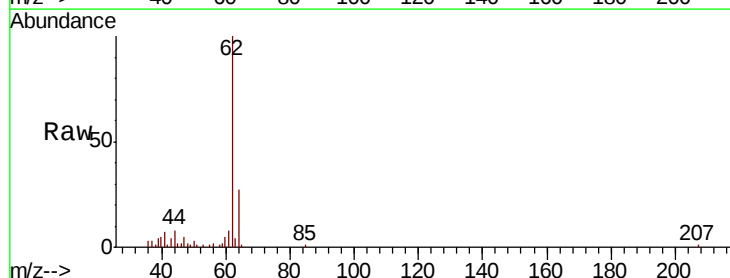
Acq: 04 Oct 2018 03:37

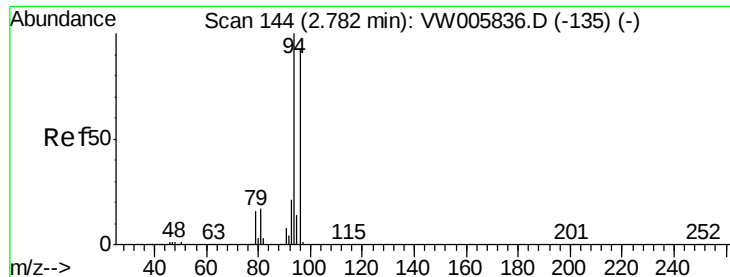
Tgt Ion: 62 Resp: 18477

Ion Ratio Lower Upper

62 100

64 26.6 25.7 38.5





#5

Bromomethane

Concen: 10.740 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

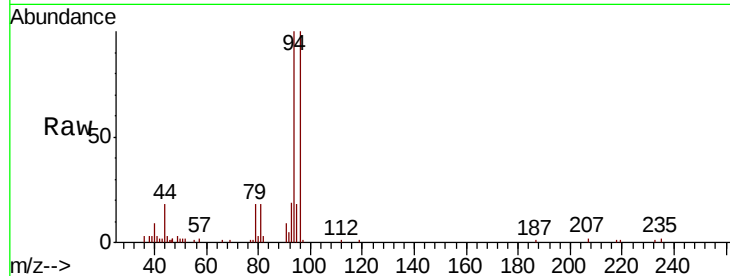
VSTDIC010

Tgt Ion: 94 Resp: 12707

Ion Ratio Lower Upper

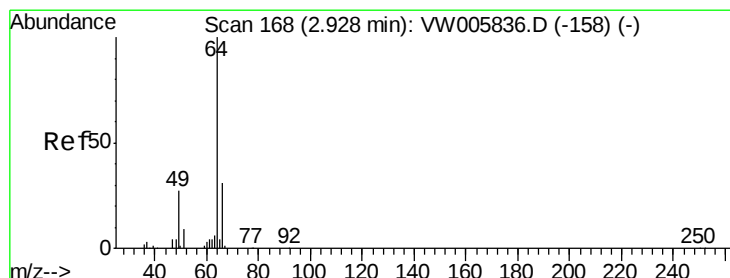
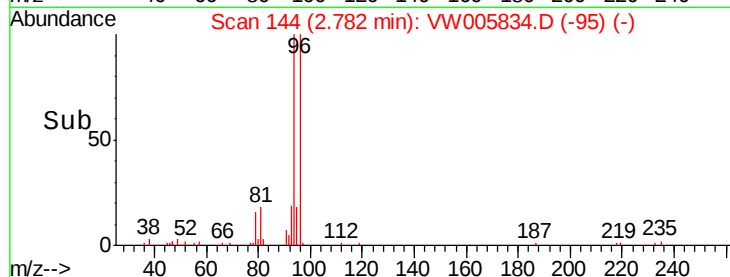
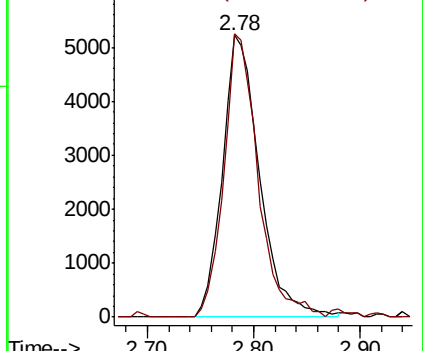
94 100

96 100.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.809 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW005834.D

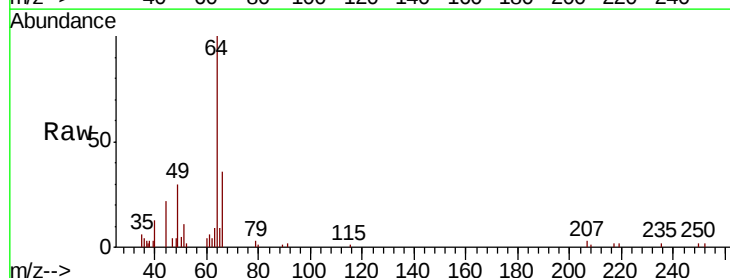
Acq: 04 Oct 2018 03:37

Tgt Ion: 64 Resp: 10958

Ion Ratio Lower Upper

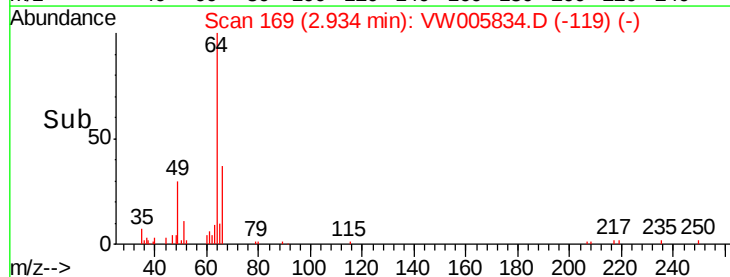
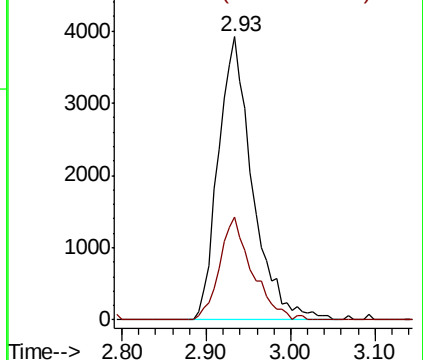
64 100

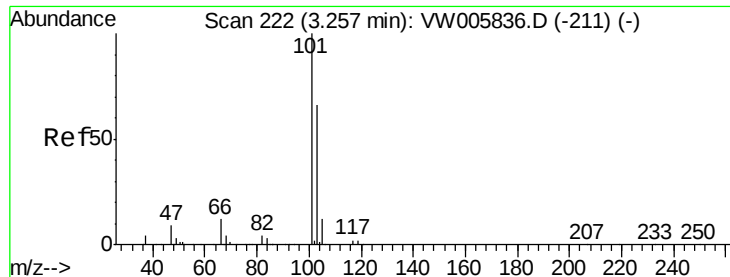
66 36.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



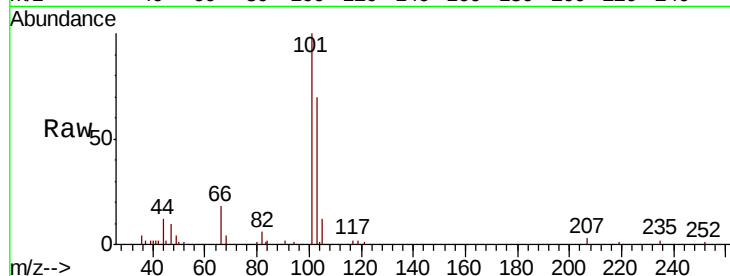


#7

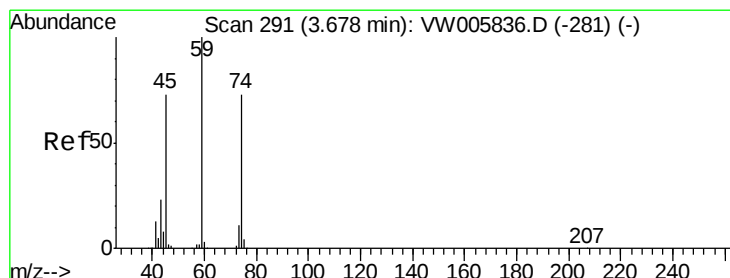
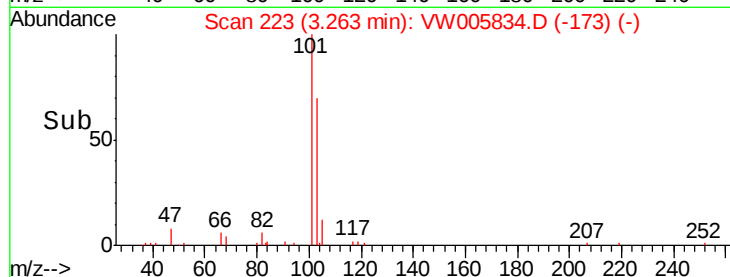
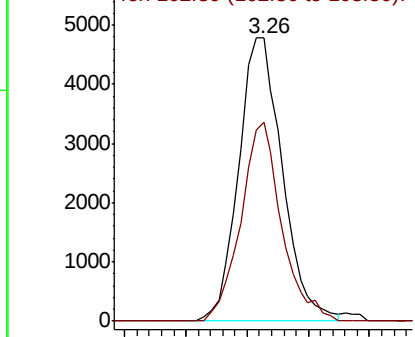
Trichlorofluoromethane
Concen: 8.879 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
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VSTDIC010

Tgt Ion:101 Resp: 11904
Ion Ratio Lower Upper
101 100
103 70.1 52.5 78.7



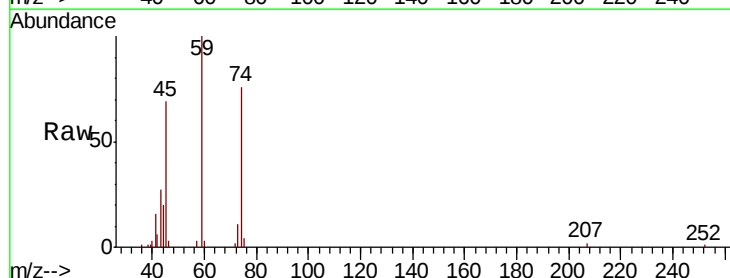
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



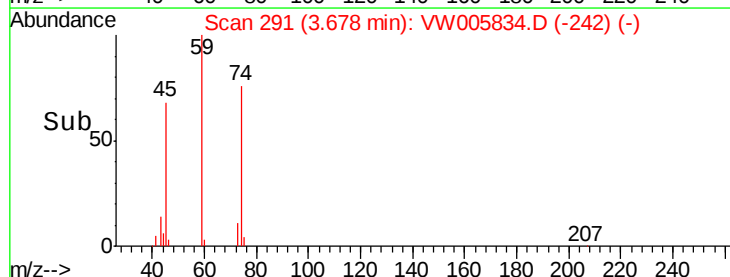
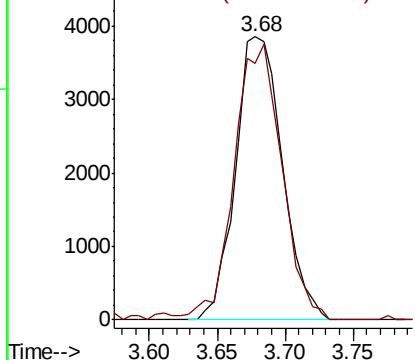
#8

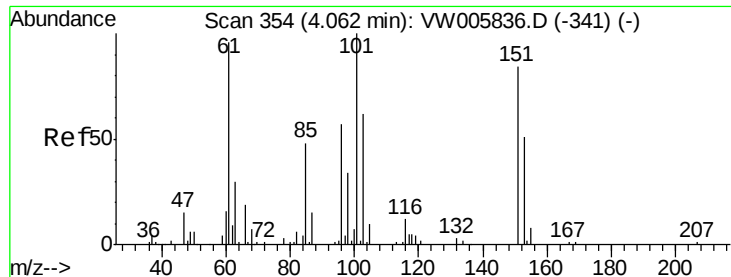
Diethyl Ether
Concen: 10.287 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 74 Resp: 9276
Ion Ratio Lower Upper
74 100
45 99.1 49.1 147.4



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: 10.338 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

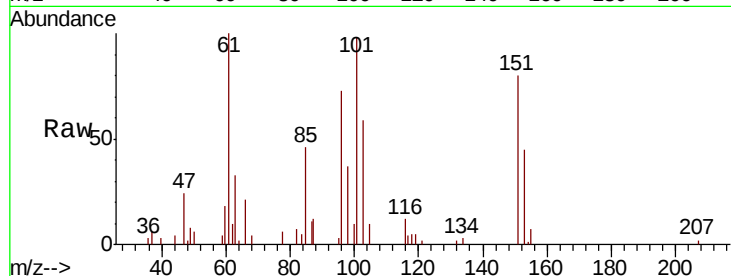
Tgt Ion:101 Resp: 17746

Ion Ratio Lower Upper

101 100

85 48.5 35.5 53.3

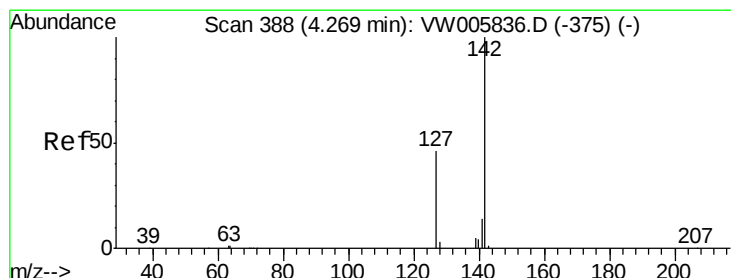
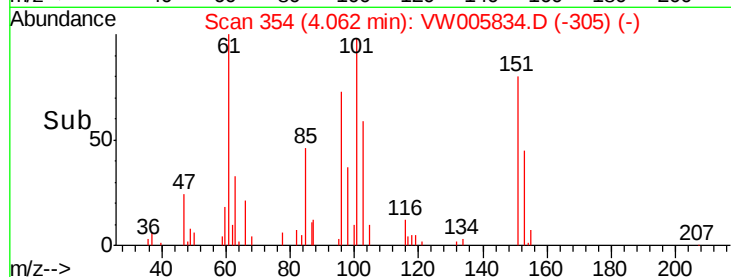
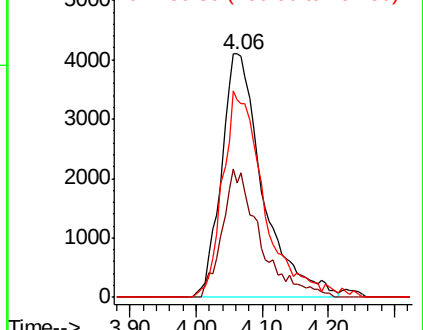
151 83.4 67.4 101.2



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: 10.275 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

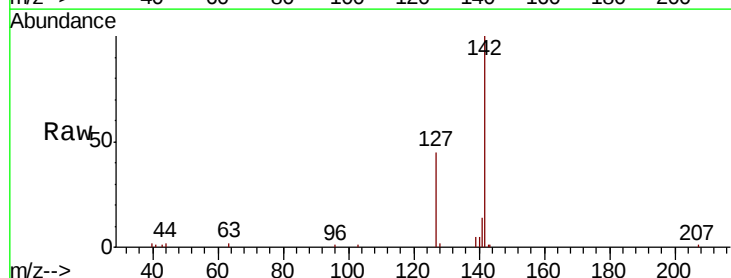
Tgt Ion:142 Resp: 27448

Ion Ratio Lower Upper

142 100

127 47.6 37.4 56.0

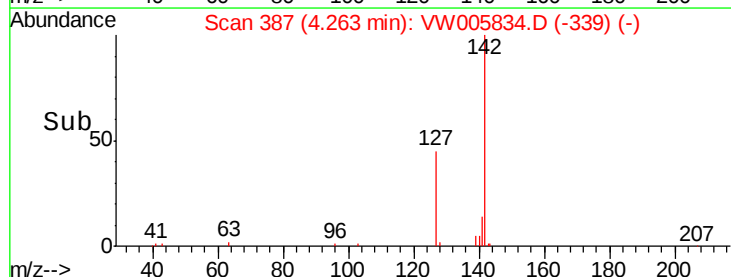
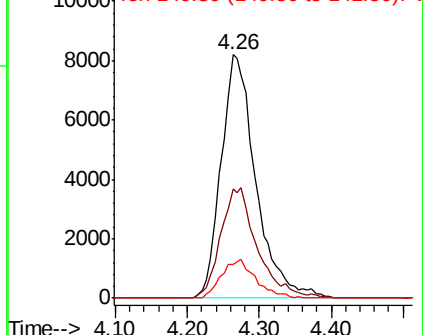
141 15.5 12.2 18.2

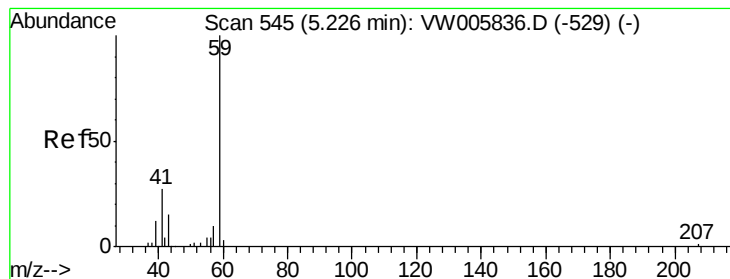


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 51.196 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.02 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

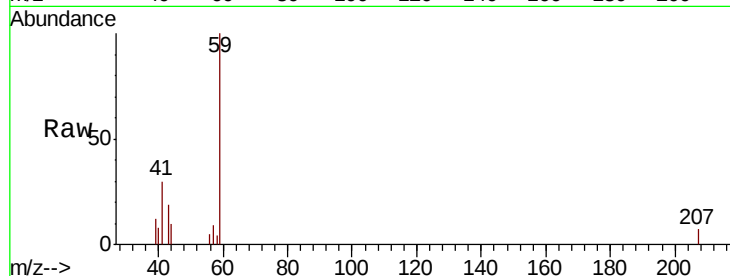
VSTDIC010

Tgt Ion: 59 Resp: 6294

Ion Ratio Lower Upper

59 100

57 4.3 4.9 7.3#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

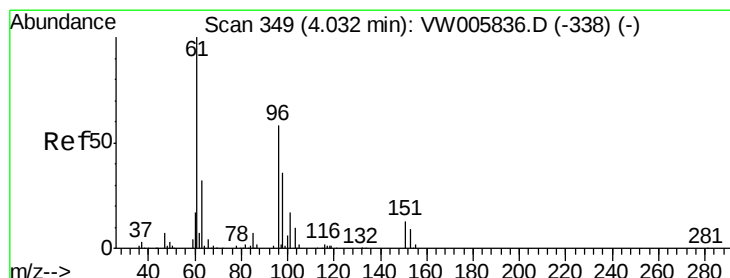
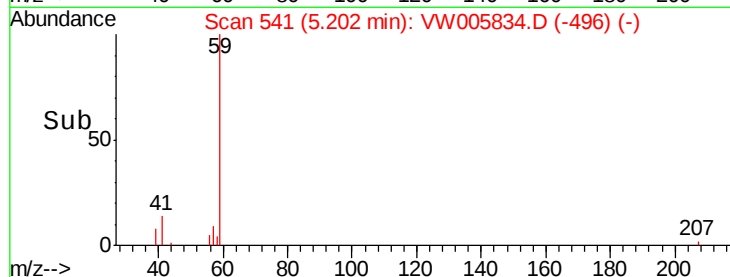
1500

1000

500

0

Time-->



#12

1,1-Dichloroethene

Concen: 10.416 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

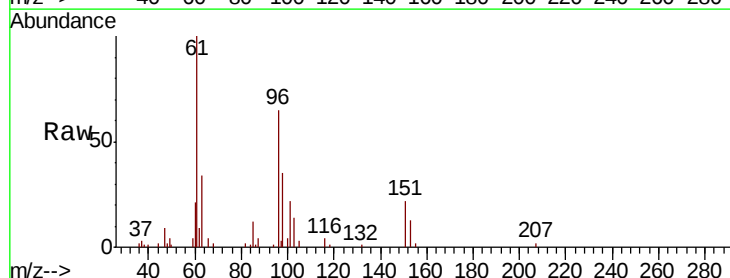
Tgt Ion: 96 Resp: 17233

Ion Ratio Lower Upper

96 100

61 153.9 138.8 208.2

98 53.5 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

12000

10000

8000

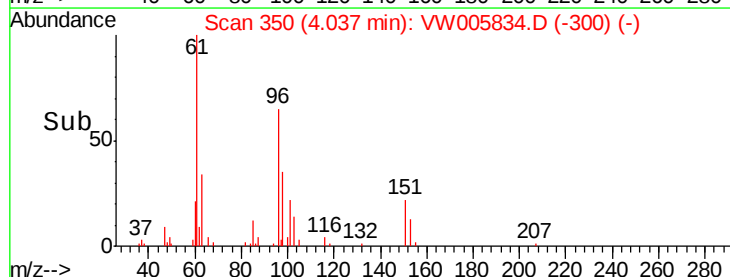
6000

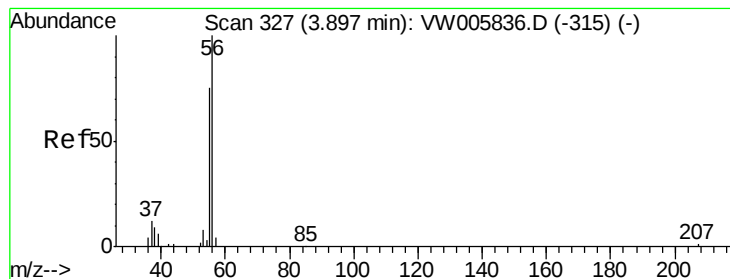
4000

2000

0

Time-->





#13

Acrolein

Concen: 75.518 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

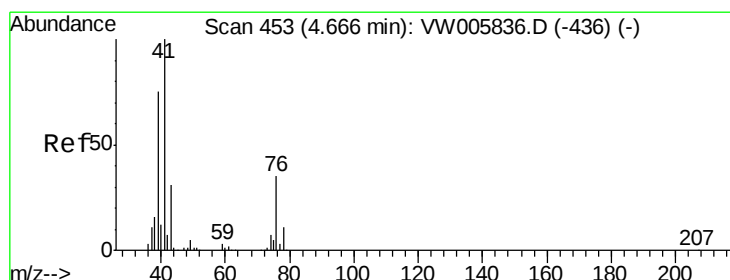
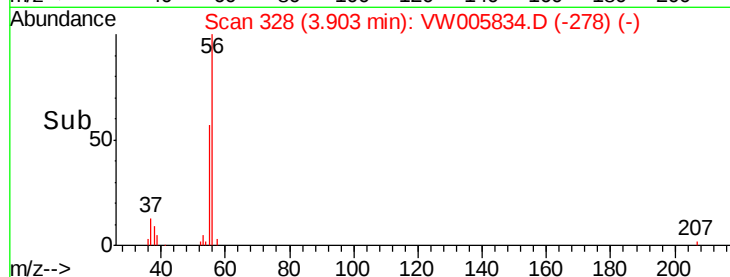
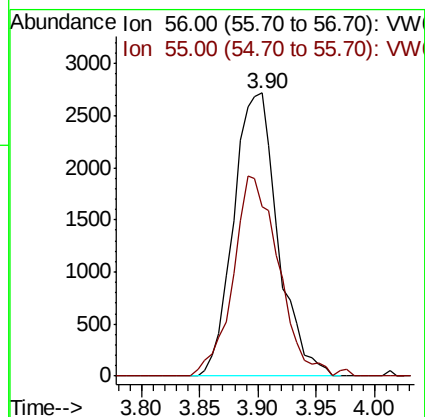
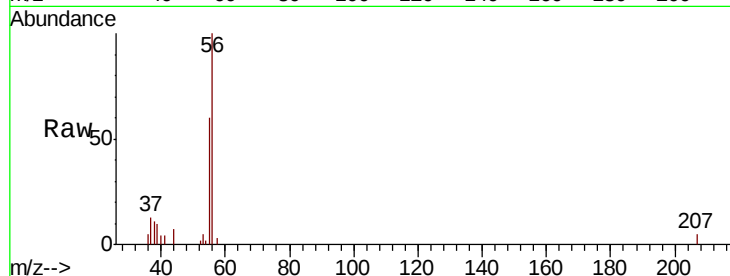
VSTDIC010

Tgt Ion: 56 Resp: 7199

Ion Ratio Lower Upper

56 100

55 72.6 59.2 88.8



#14

Allyl chloride

Concen: 9.204 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

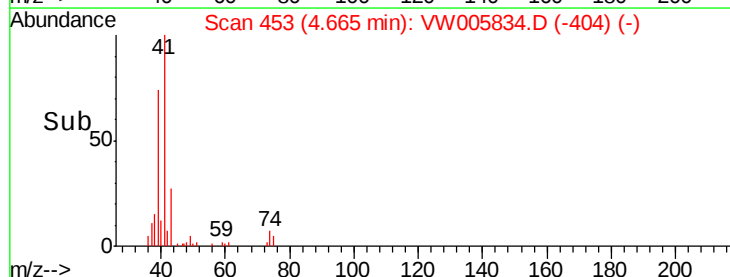
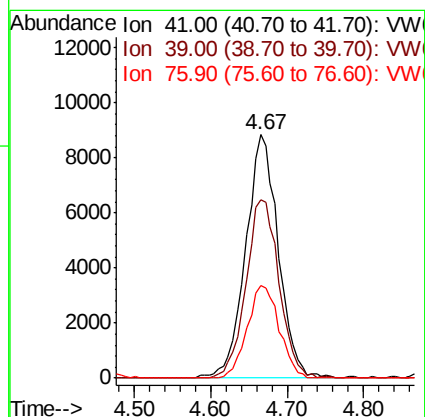
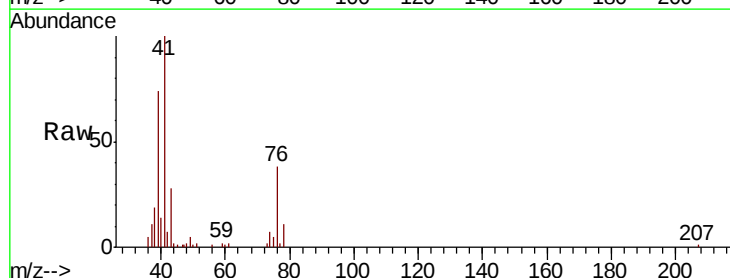
Tgt Ion: 41 Resp: 26225

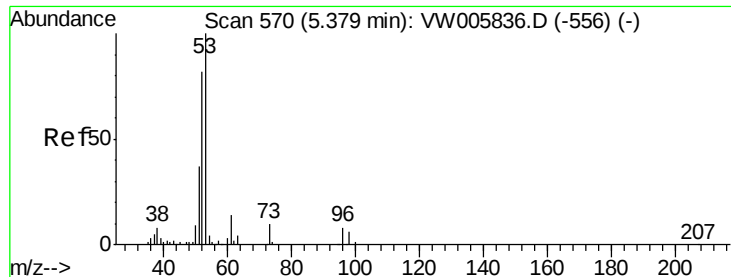
Ion Ratio Lower Upper

41 100

39 74.1 60.3 90.5

76 37.2 28.9 43.3





#15

Acrylonitrile

Concen: 47.600 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

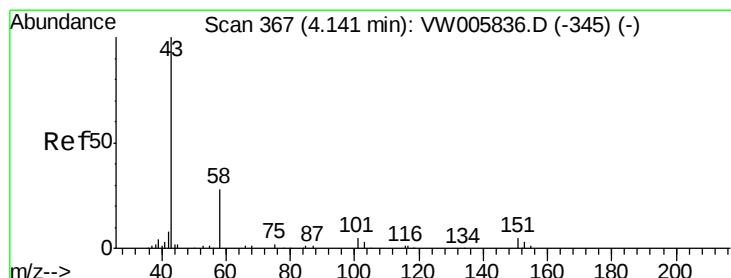
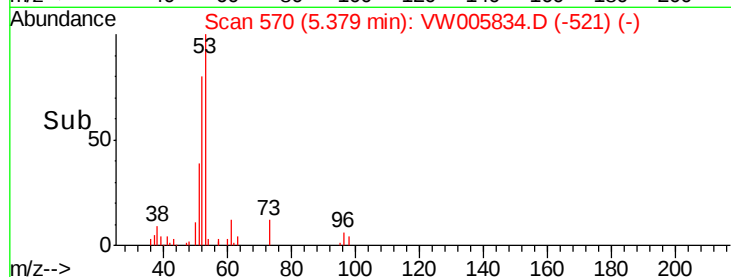
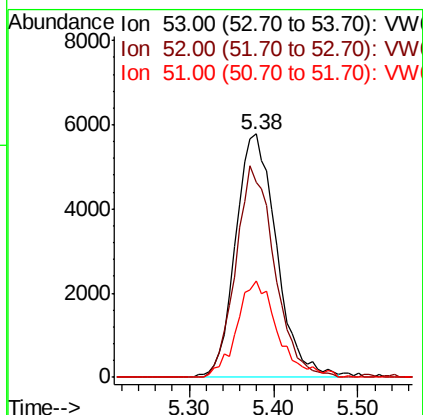
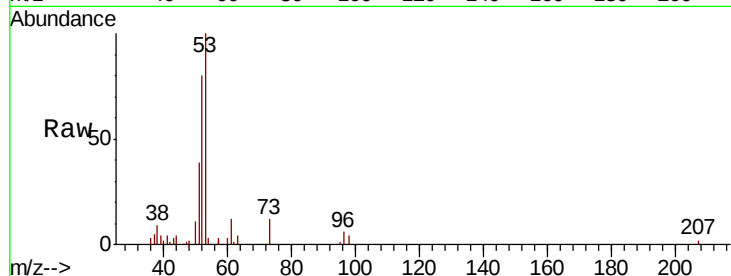
Tgt Ion: 53 Resp: 19006

Ion Ratio Lower Upper

53 100

52 82.3 67.3 100.9

51 39.7 30.2 45.2



#16

Acetone

Concen: 49.978 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005834.D

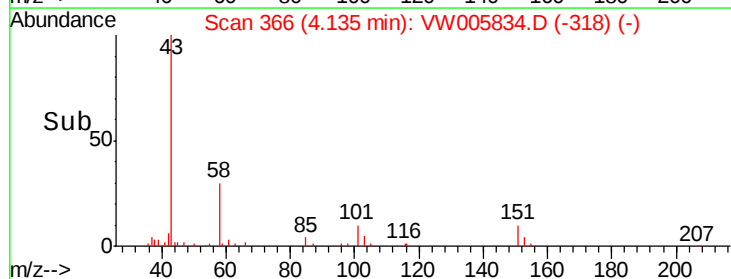
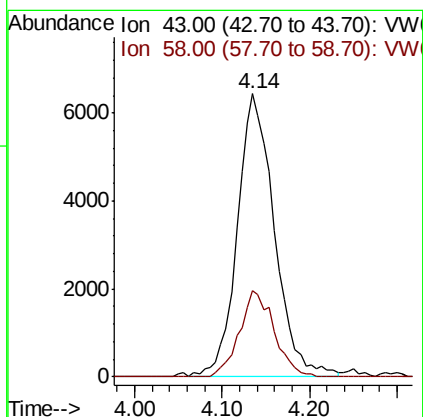
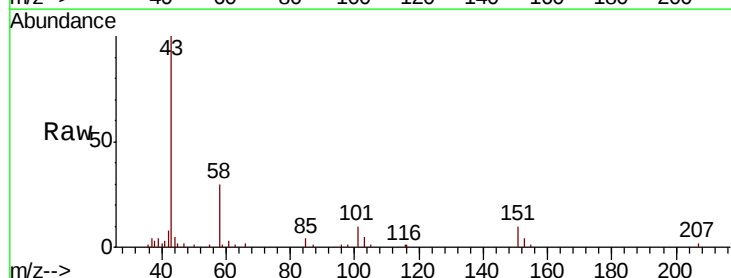
Acq: 04 Oct 2018 03:37

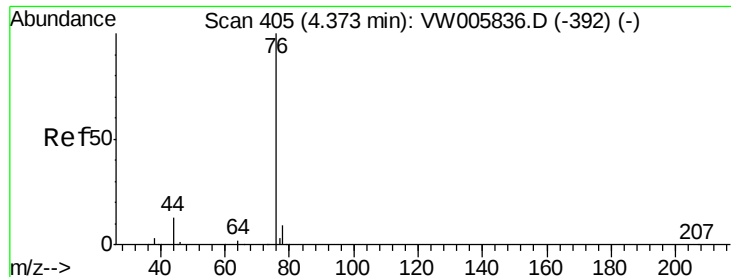
Tgt Ion: 43 Resp: 18994

Ion Ratio Lower Upper

43 100

58 30.4 23.0 34.4

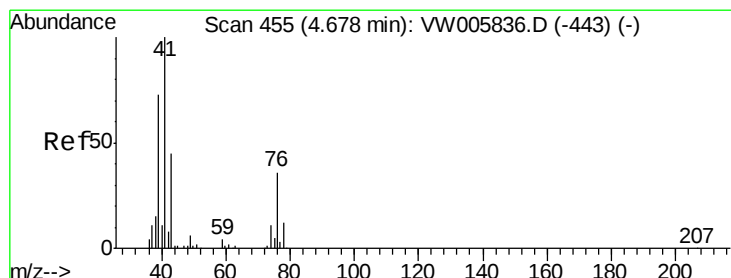
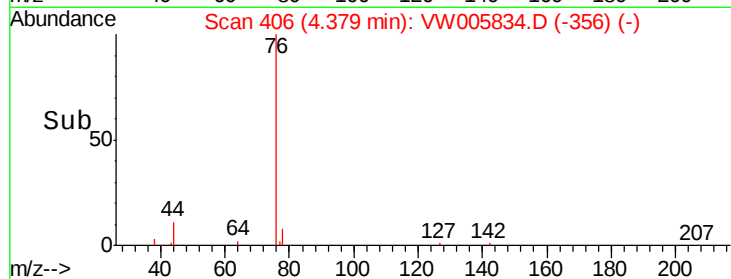
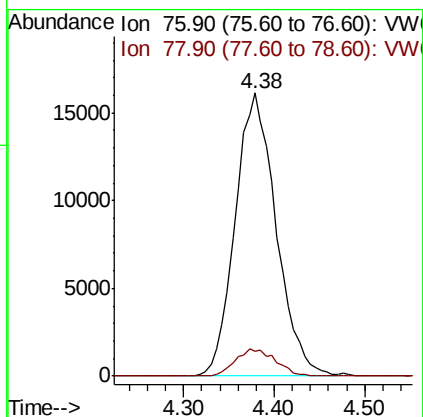
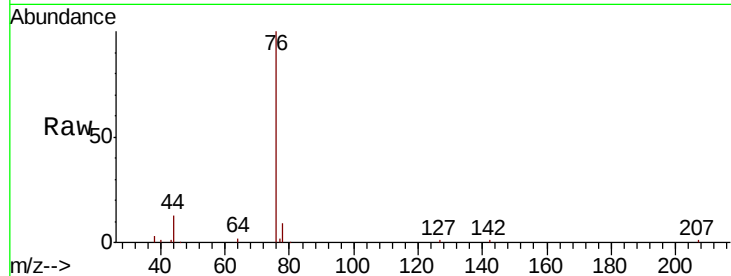




#17
Carbon Disulfide
Concen: 9.665 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

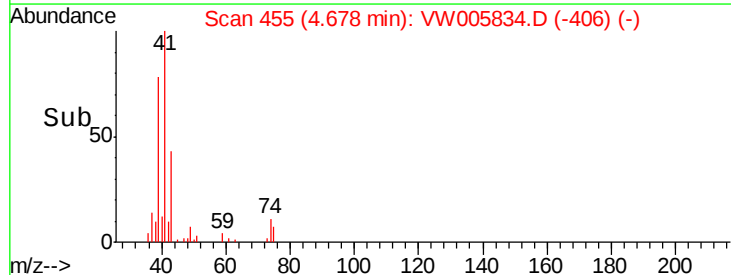
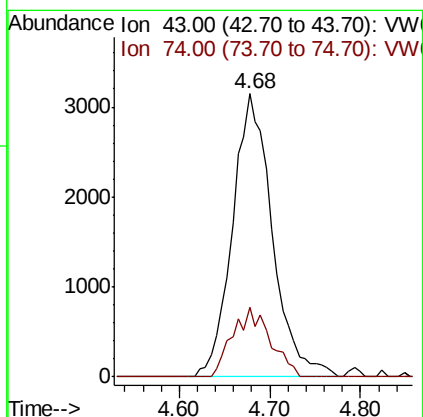
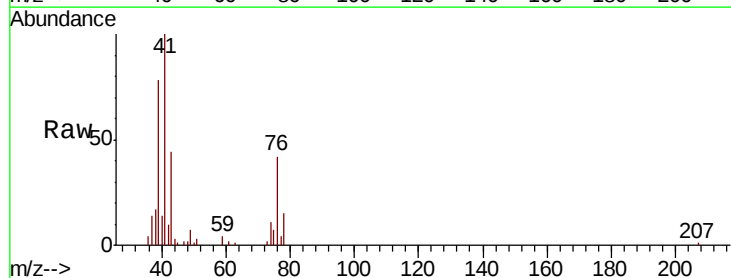
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

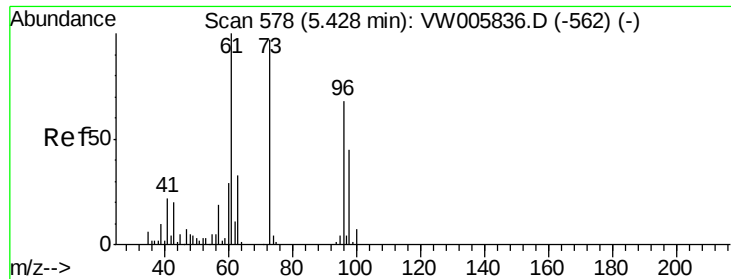
Tgt Ion: 76 Resp: 50383
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 9.356 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 43 Resp: 9581
Ion Ratio Lower Upper
43 100
74 23.1 19.5 29.3

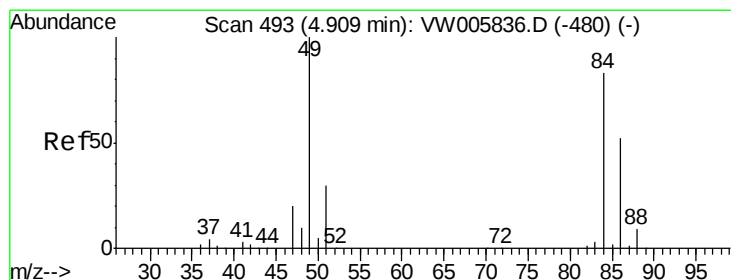
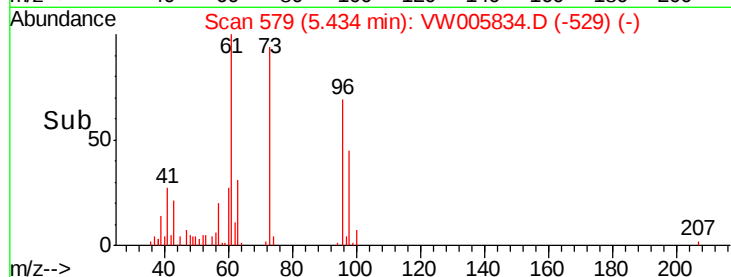
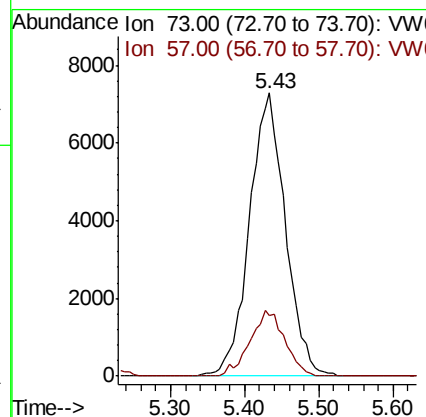
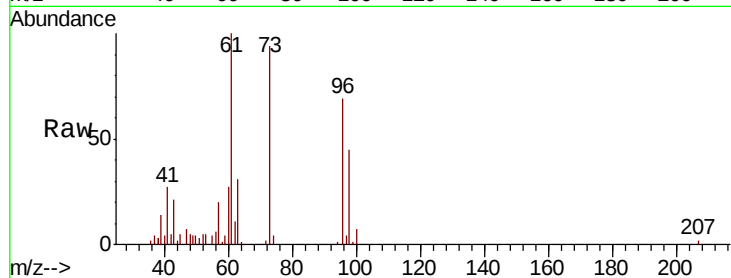




#19
Methyl tert-butyl Ether
Concen: 9.522 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

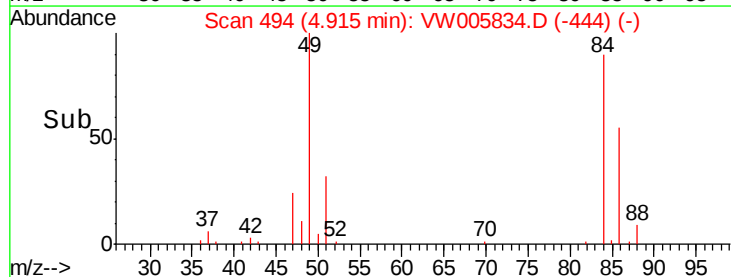
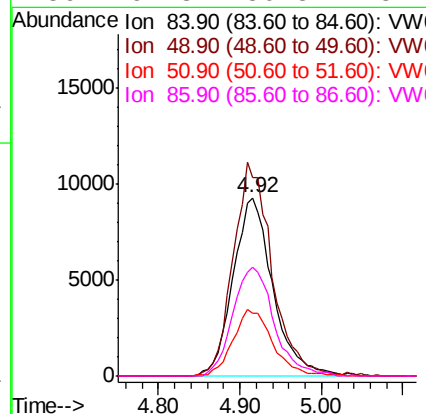
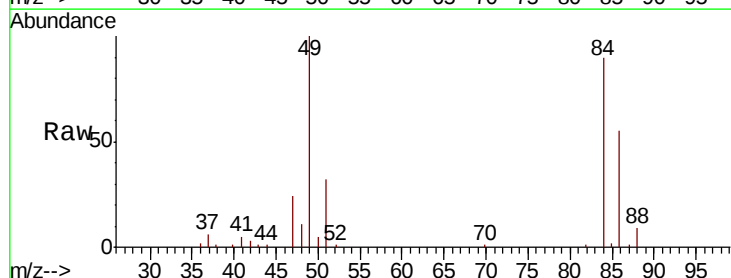
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

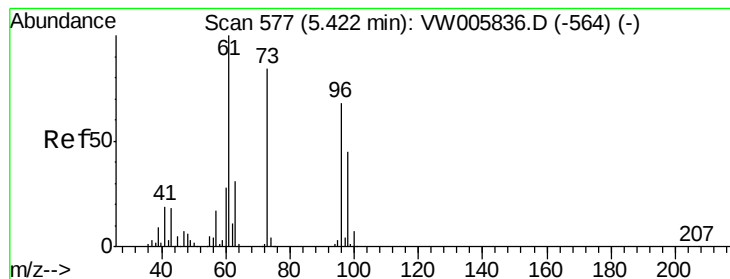
Tgt Ion: 73 Resp: 24602
Ion Ratio Lower Upper
73 100
57 21.6 15.9 23.9



#20
Methylene Chloride
Concen: 14.504 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 84 Resp: 31174
Ion Ratio Lower Upper
84 100
49 111.7 96.8 145.2
51 35.4 28.8 43.2
86 61.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 9.798 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

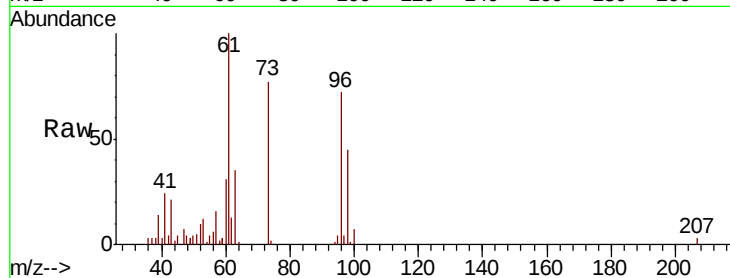
Tgt Ion: 96 Resp: 17752

Ion Ratio Lower Upper

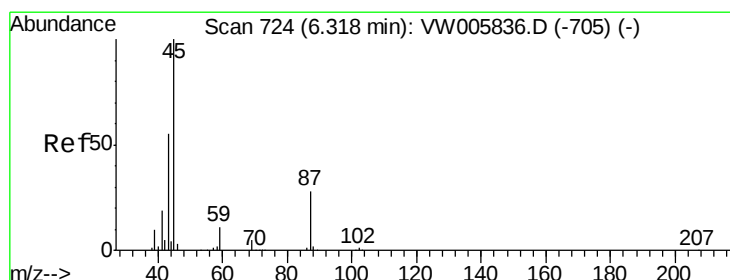
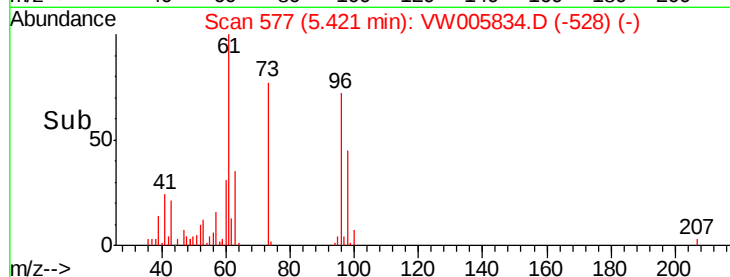
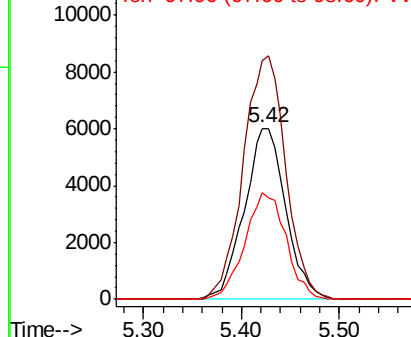
96 100

61 139.2 117.0 175.6

98 62.6 52.2 78.2



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



#22

Diisopropyl ether

Concen: 9.069 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion: 45 Resp: 50337

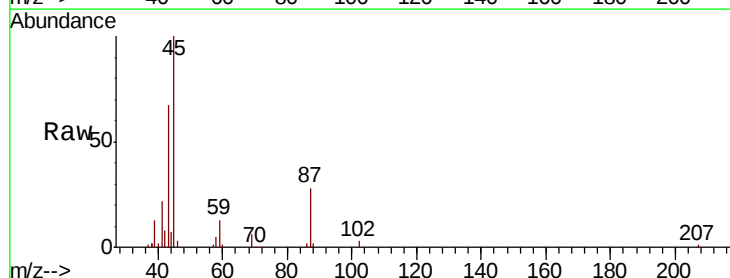
Ion Ratio Lower Upper

45 100

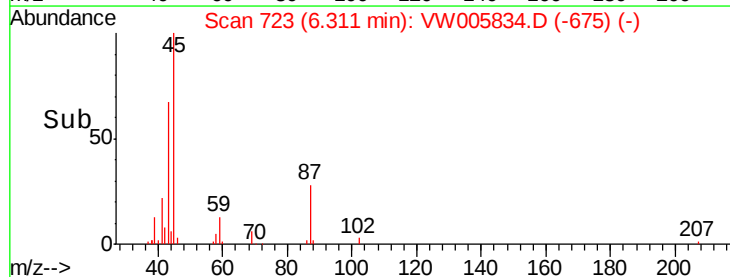
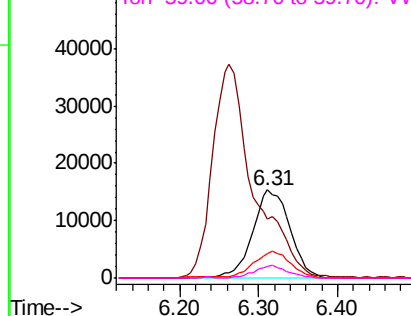
43 65.4 44.6 67.0

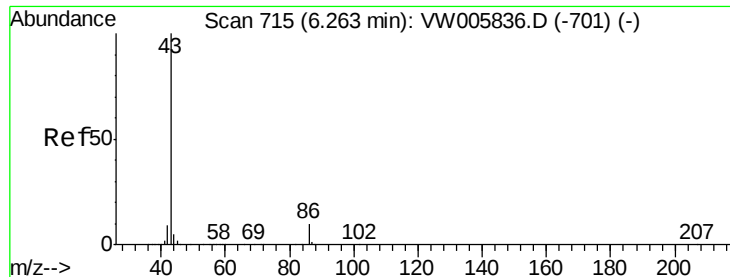
87 28.3 23.4 35.2

59 12.5 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 42.374 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

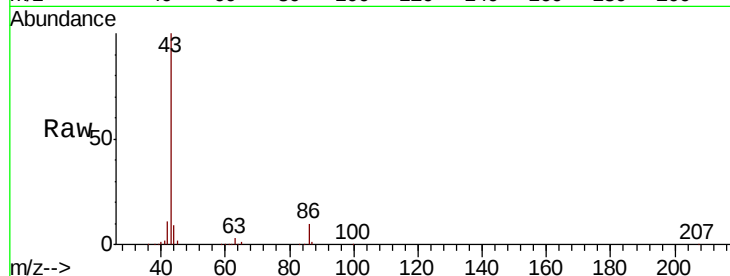
VSTDIC010

Tgt Ion: 43 Resp: 135141

Ion Ratio Lower Upper

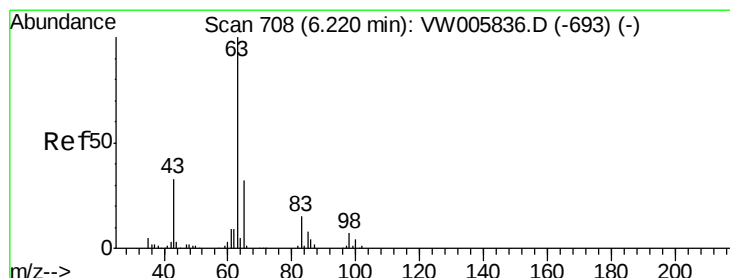
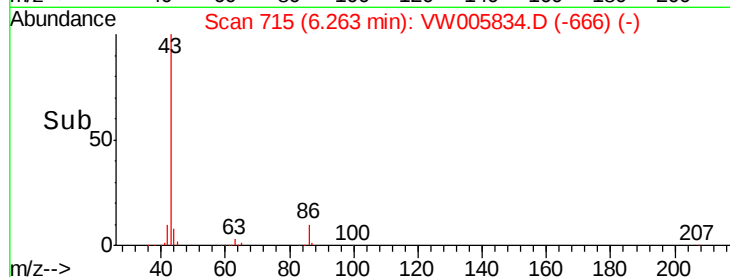
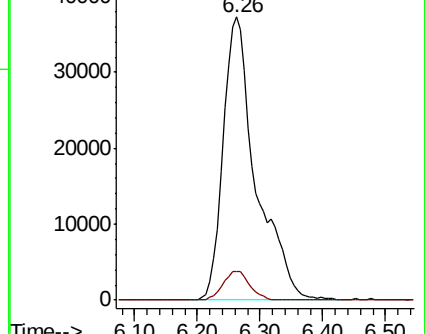
43 100

86 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.192 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

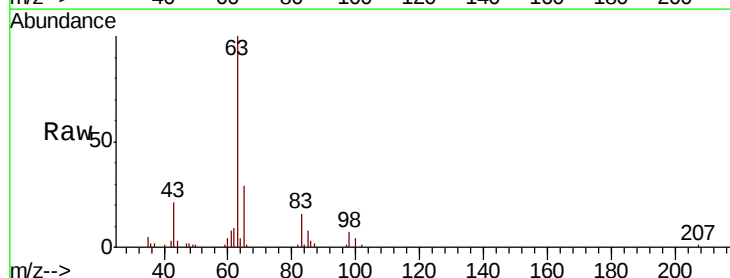
Tgt Ion: 63 Resp: 35127

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

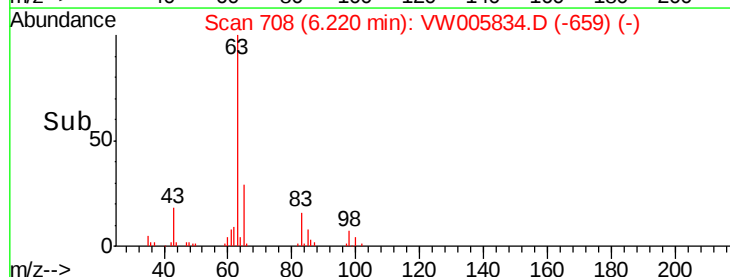
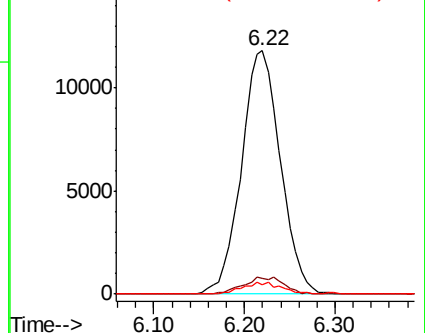
100 4.0 2.0 6.0

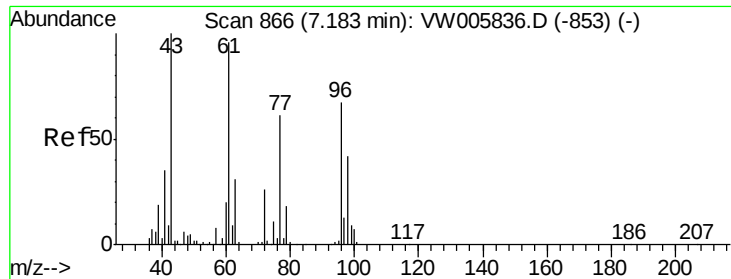


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 47.167 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

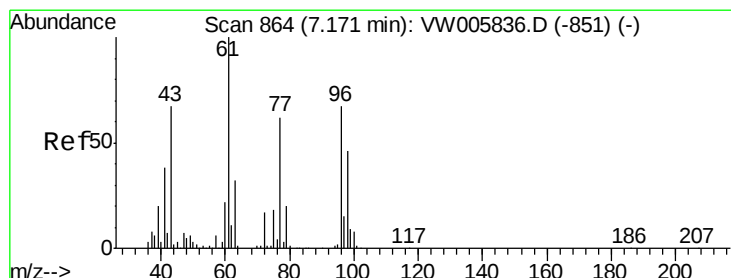
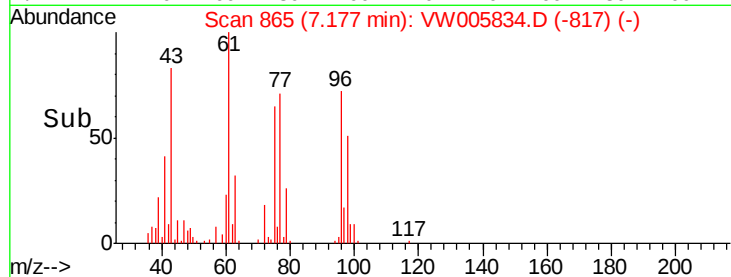
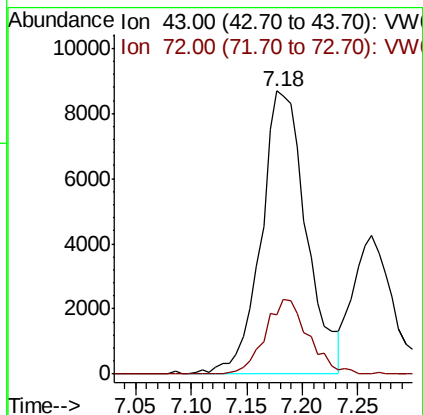
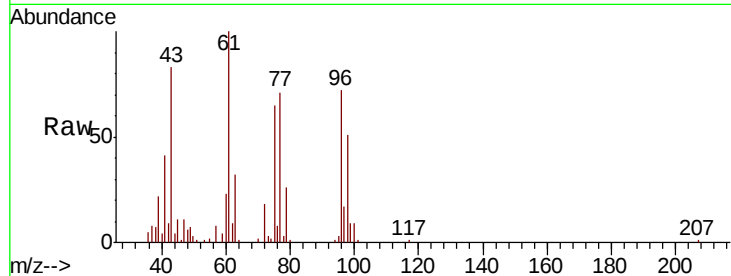
VSTDIC010

Tgt Ion: 43 Resp: 24598

Ion Ratio Lower Upper

43 100

72 21.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 9.949 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005834.D

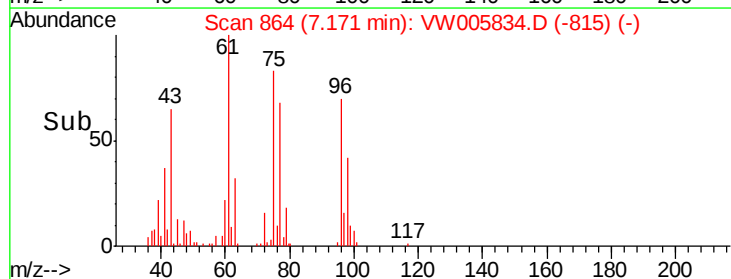
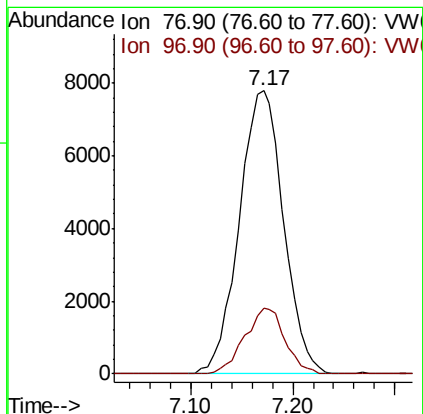
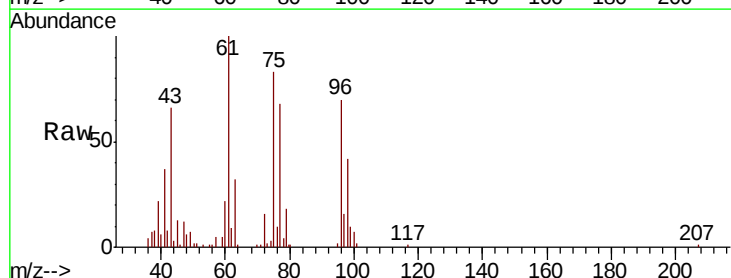
Acq: 04 Oct 2018 03:37

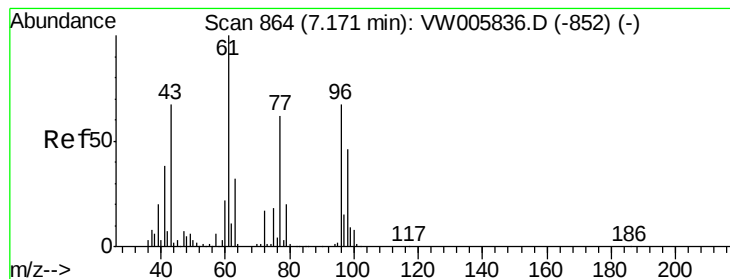
Tgt Ion: 77 Resp: 23473

Ion Ratio Lower Upper

77 100

97 21.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 10.359 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

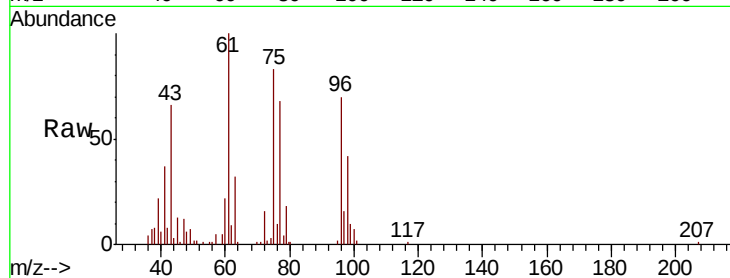
Tgt Ion: 96 Resp: 20654

Ion Ratio Lower Upper

96 100

61 148.0 0.0 296.4

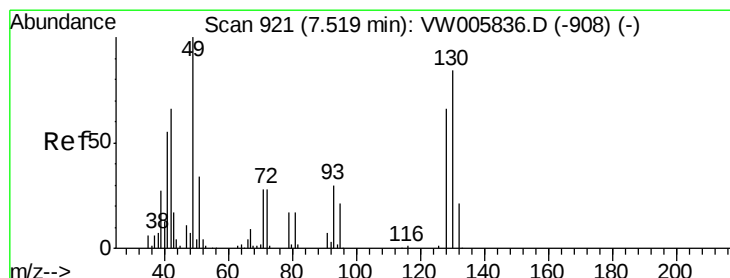
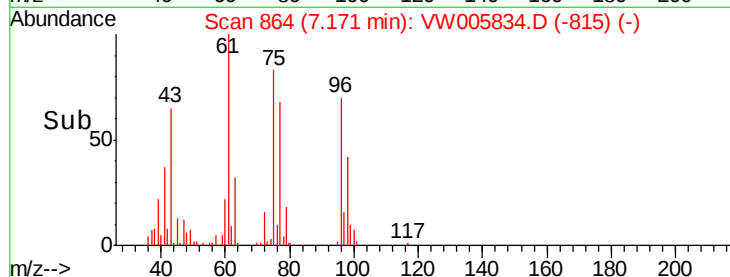
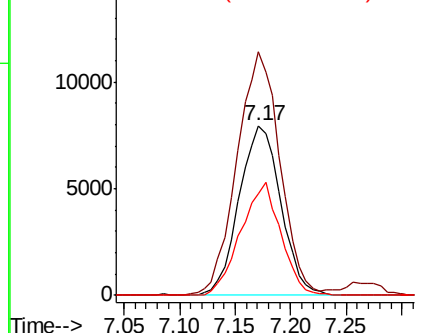
98 63.9 0.0 131.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 9.487 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

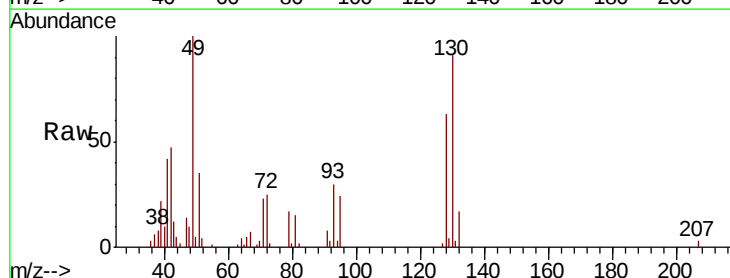
Tgt Ion: 49 Resp: 12713

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.2

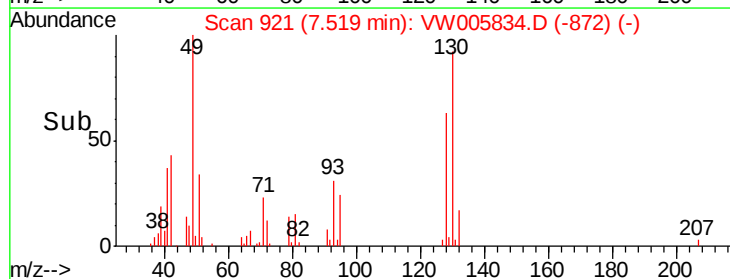
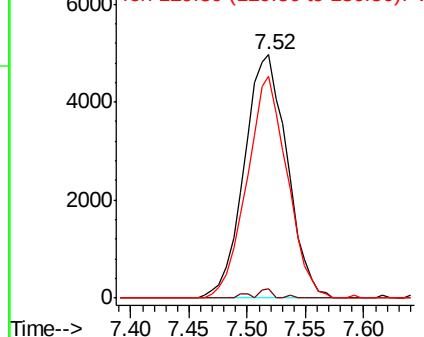
130 85.4 66.4 99.6

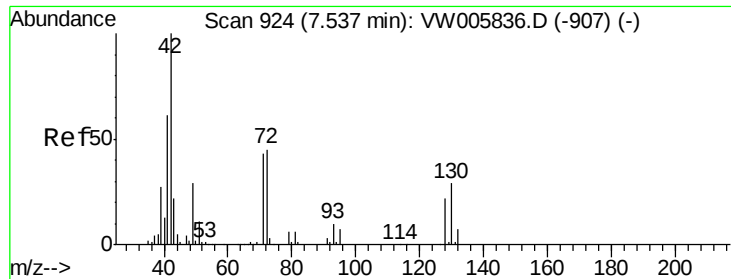


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 44.825 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

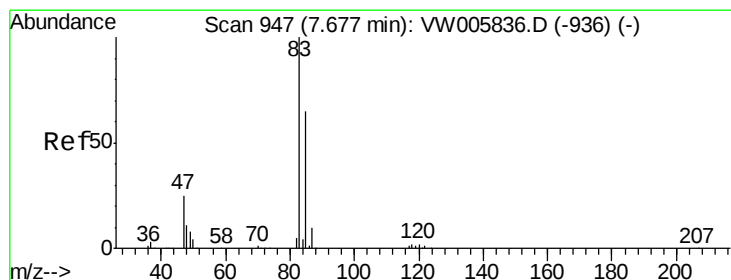
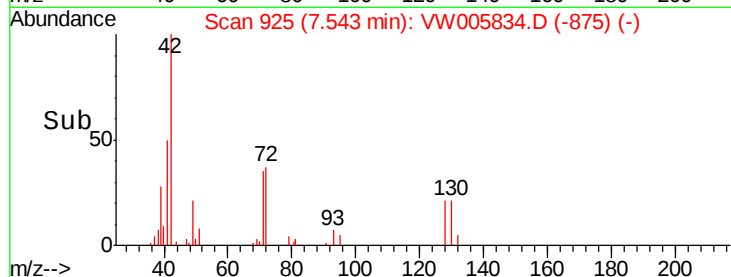
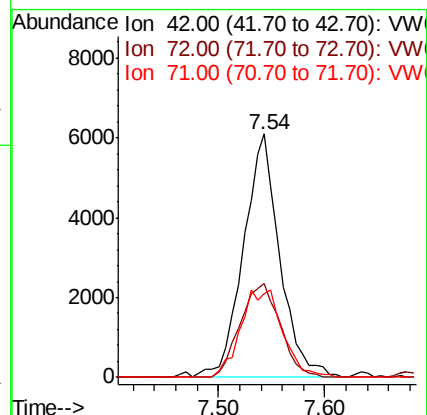
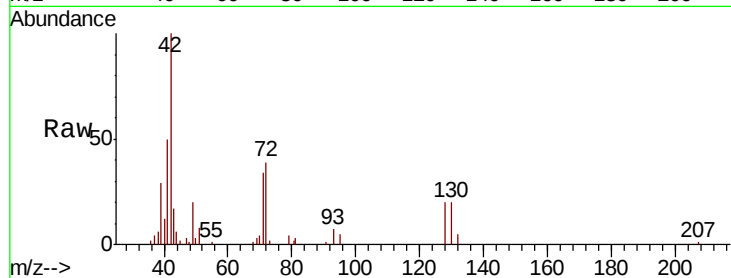
Tgt Ion: 42 Resp: 14635

Ion Ratio Lower Upper

42 100

72 42.4 34.6 51.8

71 41.4 33.6 50.4



#30

Chloroform

Concen: 10.627 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW005834.D

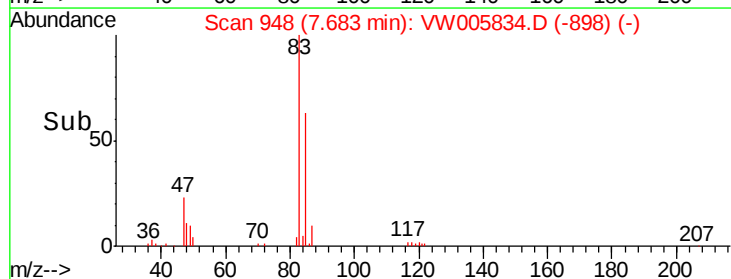
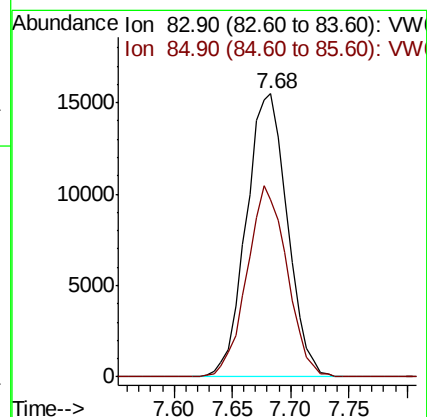
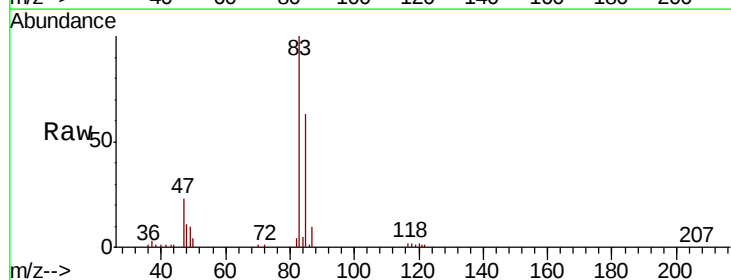
Acq: 04 Oct 2018 03:37

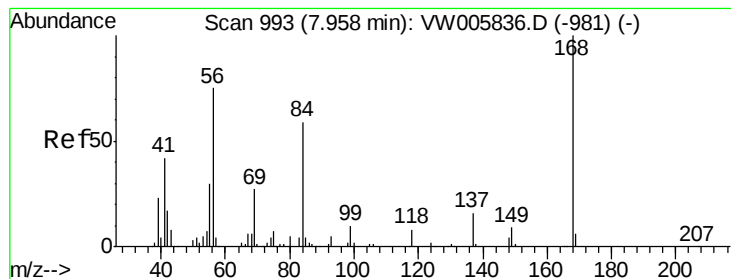
Tgt Ion: 83 Resp: 37983

Ion Ratio Lower Upper

83 100

85 62.6 51.6 77.4





#31

Cyclohexane

Concen: 9.027 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

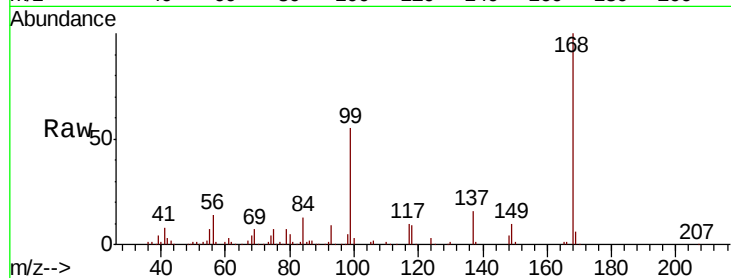
Tgt Ion: 56 Resp: 29514

Ion Ratio Lower Upper

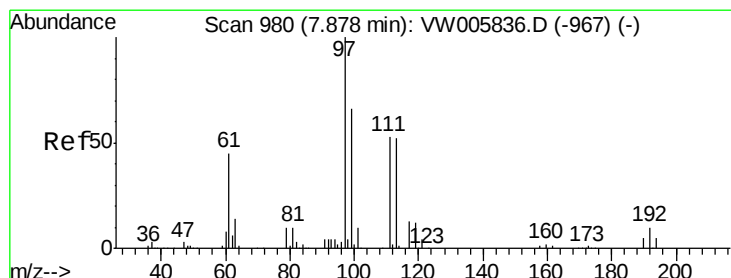
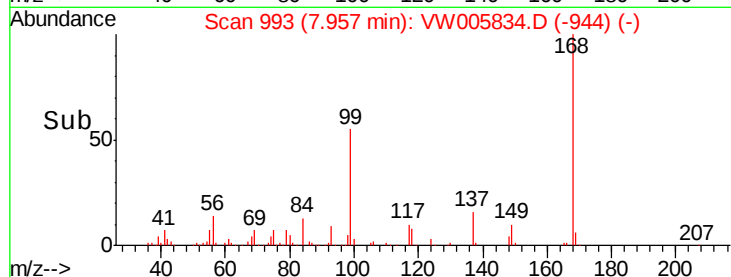
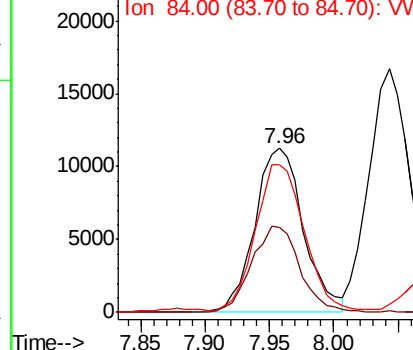
56 100

69 51.5 29.0 43.4#

84 88.7 63.5 95.3



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: 10.217 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

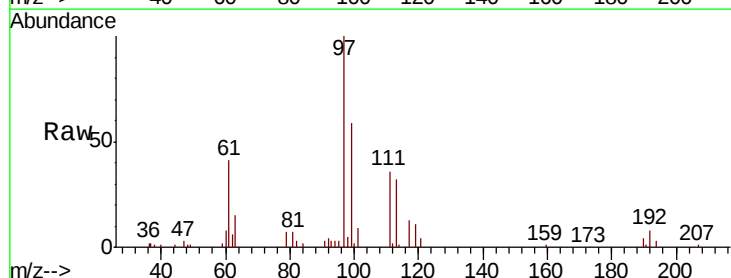
Tgt Ion: 97 Resp: 32088

Ion Ratio Lower Upper

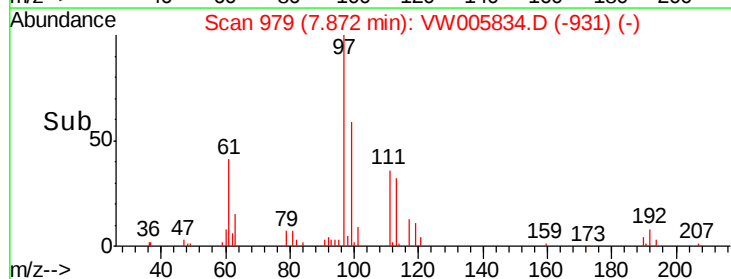
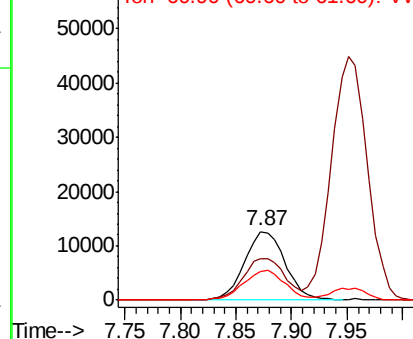
97 100

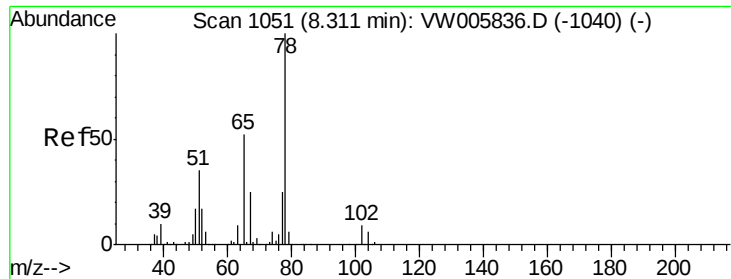
99 63.0 51.2 76.8

61 43.8 35.5 53.3



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

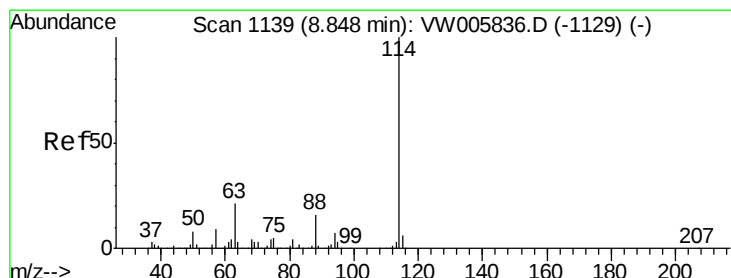
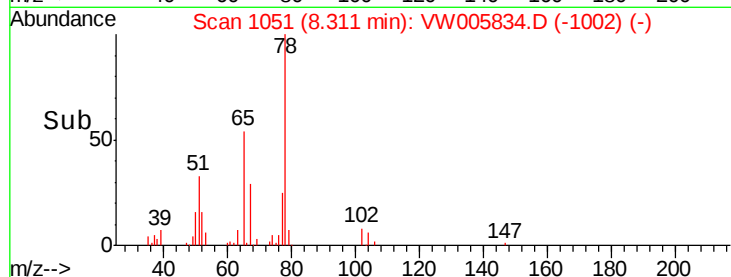
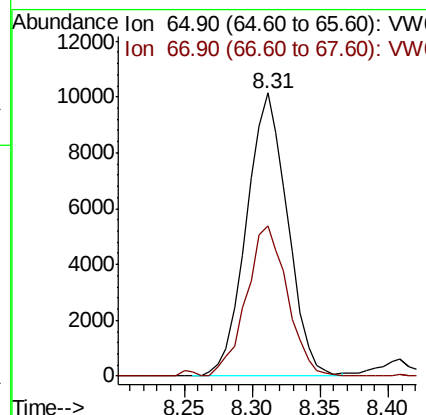
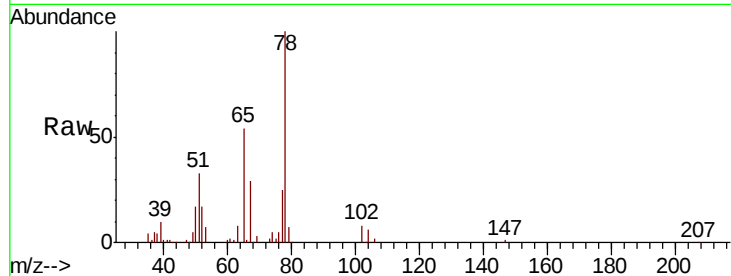




#33
 1,2-Dichloroethane-d4
 Concen: 10.093 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

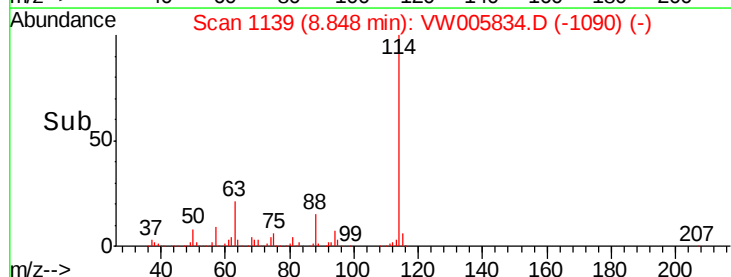
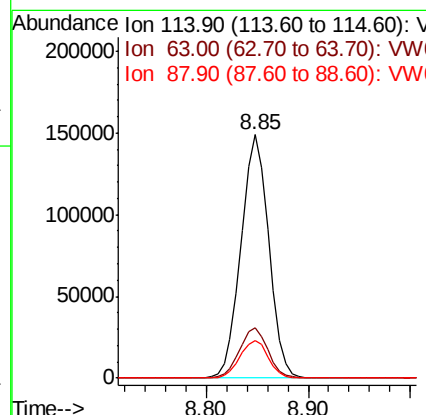
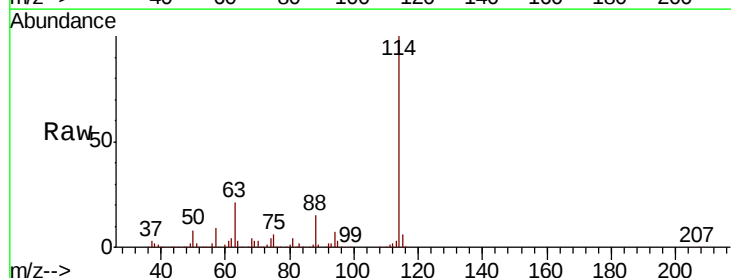
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

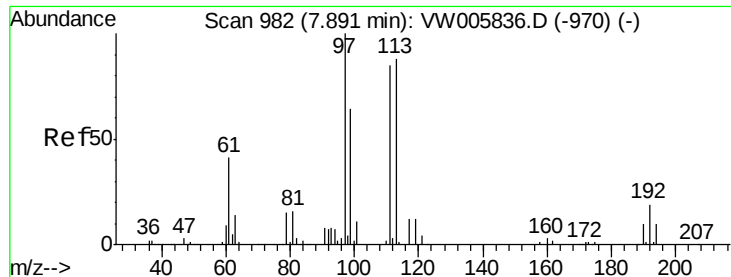
Tgt Ion: 65 Resp: 21457
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 114 Resp: 280597
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 10.304 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

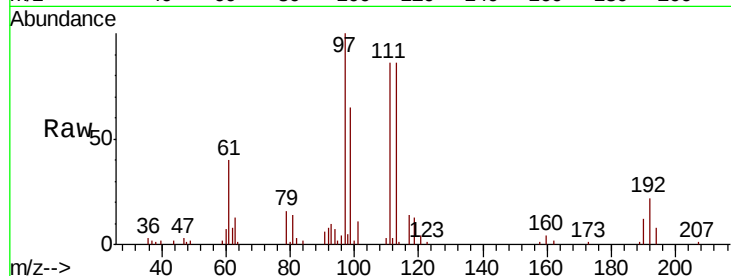
Tgt Ion:113 Resp: 18313

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.2

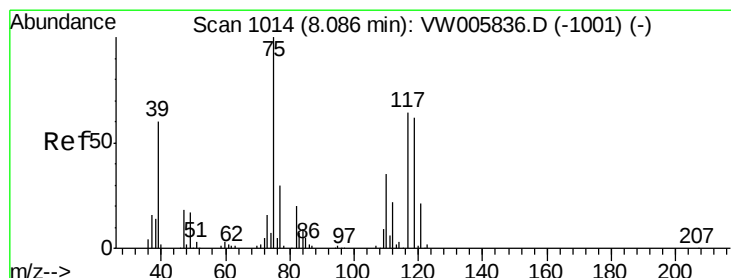
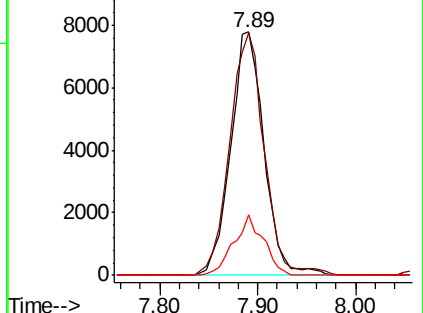
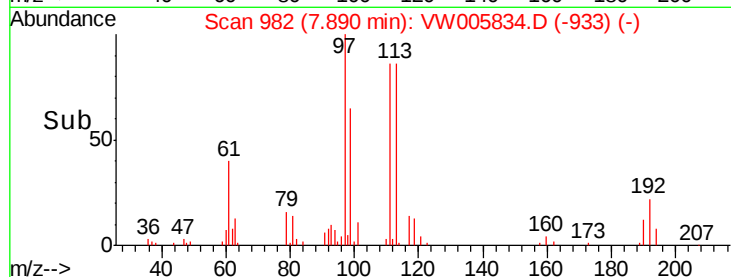
192 22.0 17.3 25.9



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: 9.244 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

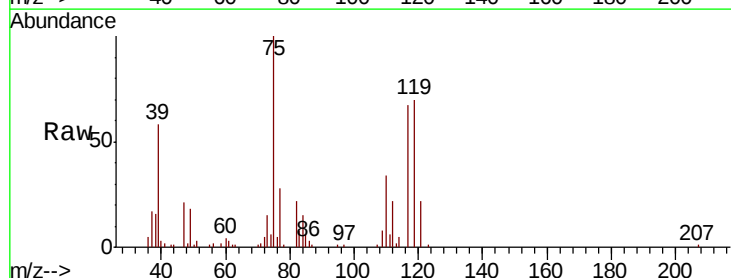
Tgt Ion: 75 Resp: 26292

Ion Ratio Lower Upper

75 100

110 36.1 17.5 52.6

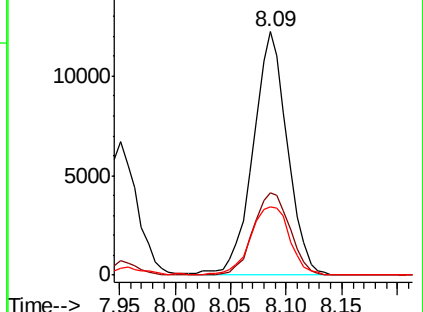
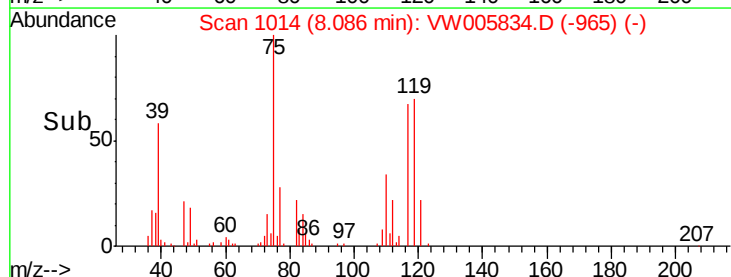
77 31.8 24.8 37.2

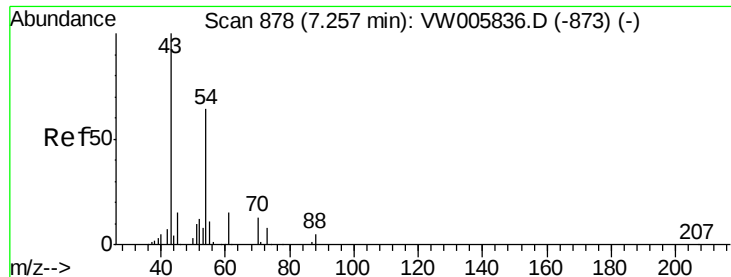


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

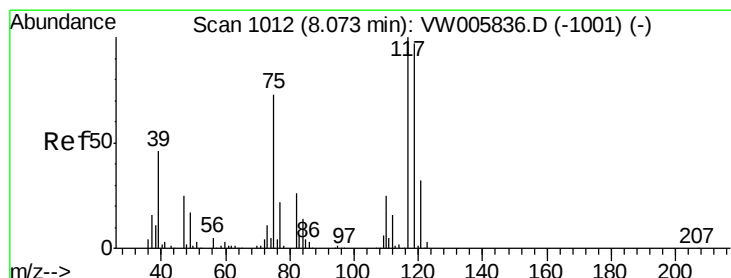
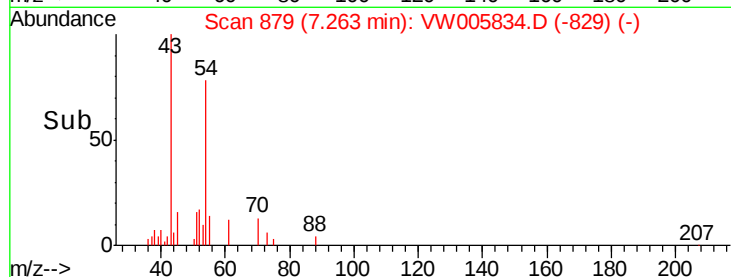
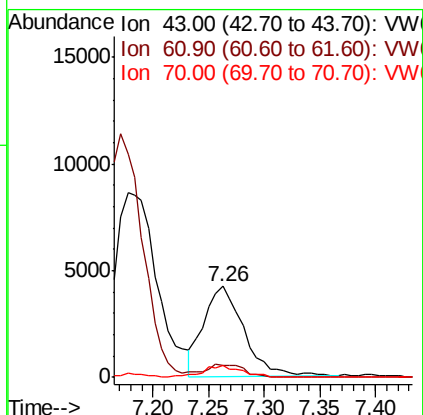
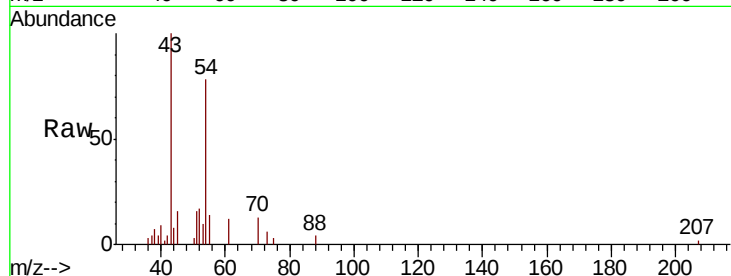




#37
Ethyl Acetate
Concen: 8.793 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

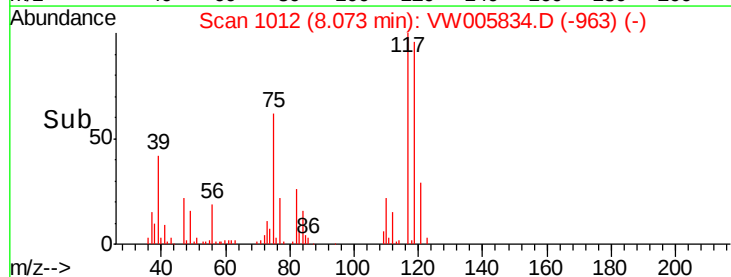
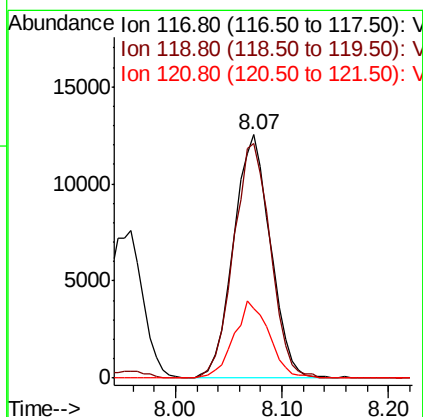
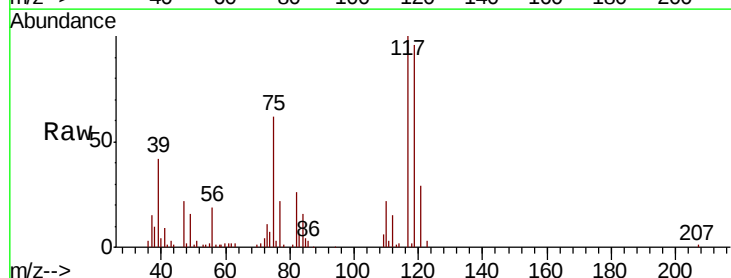
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

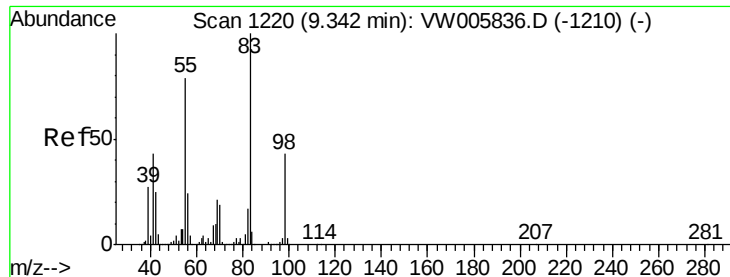
Tgt Ion: 43 Resp: 10599
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 12.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 10.005 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 117 Resp: 30530
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 28.7 25.2 37.8





#39

Methylcyclohexane

Concen: 8.567 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

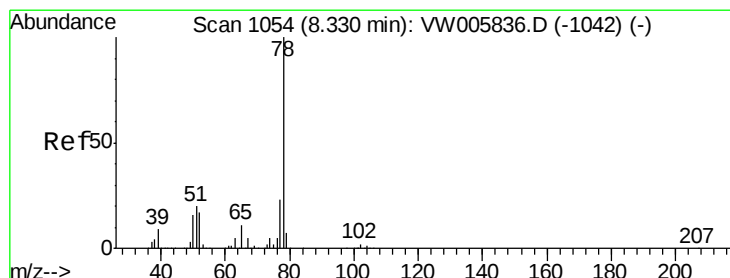
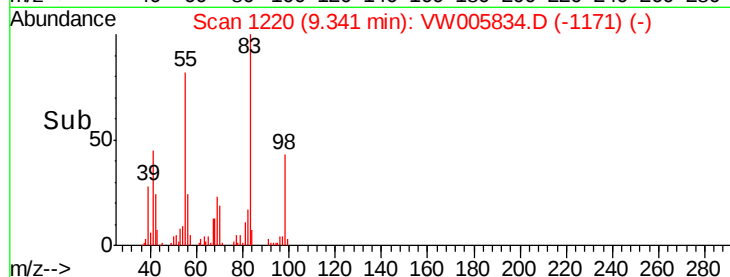
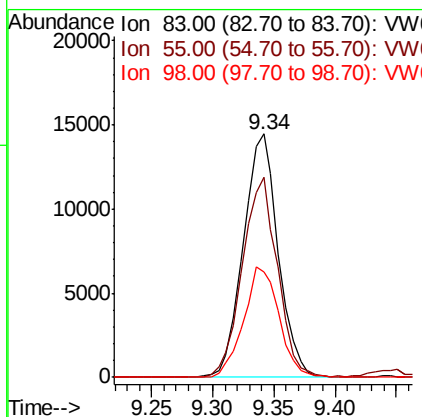
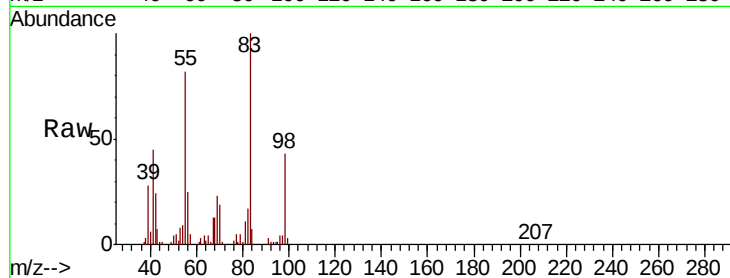
Tgt Ion: 83 Resp: 28651

Ion Ratio Lower Upper

83 100

55 82.0 63.0 94.4

98 43.2 34.5 51.7



#40

Benzene

Concen: 9.723 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005834.D

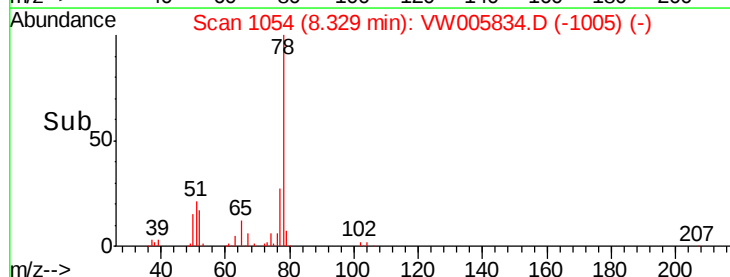
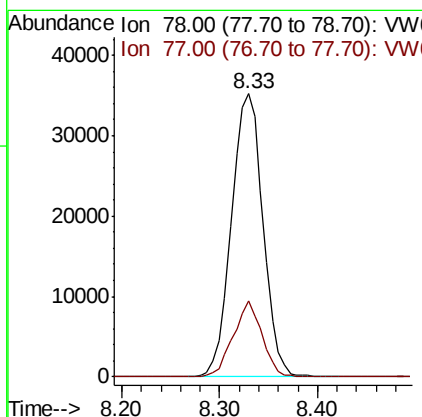
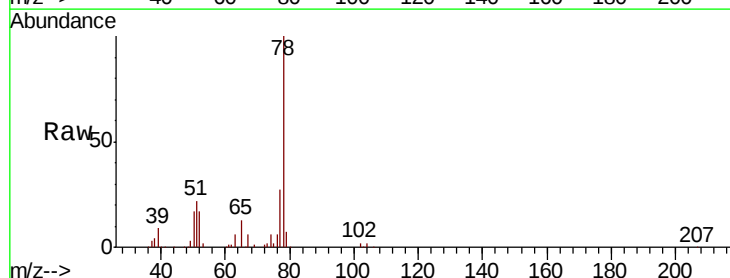
Acq: 04 Oct 2018 03:37

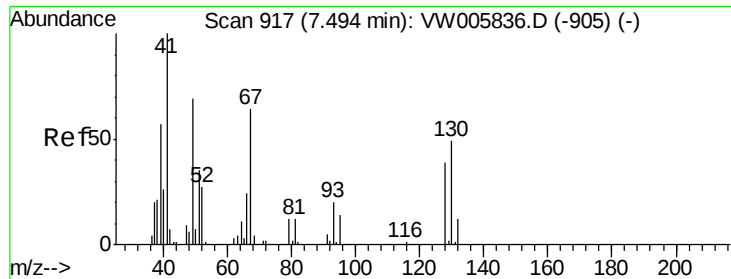
Tgt Ion: 78 Resp: 78631

Ion Ratio Lower Upper

78 100

77 26.7 18.6 28.0

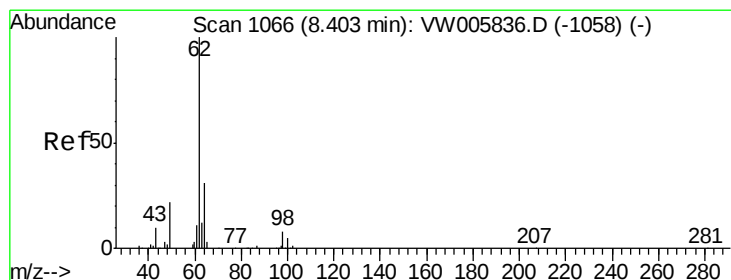
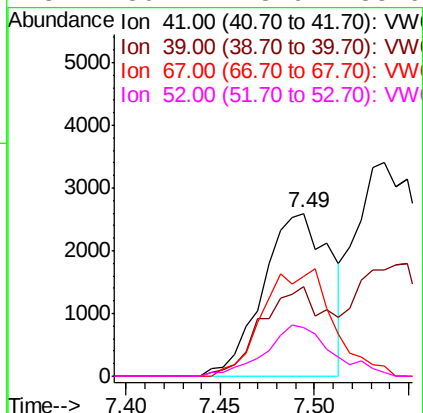
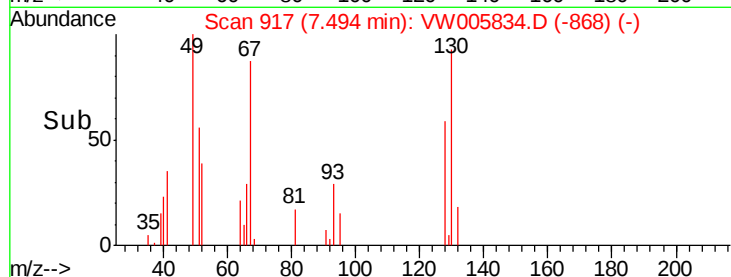
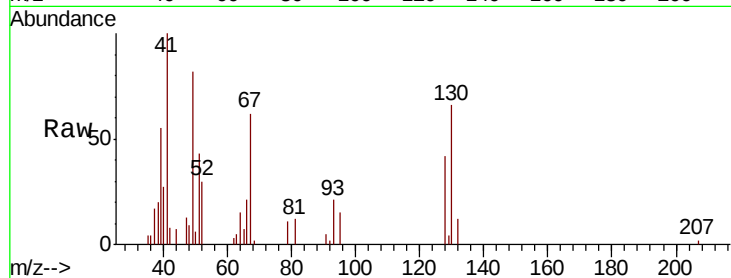




#41
Methacrylonitrile
Concen: 9.265 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

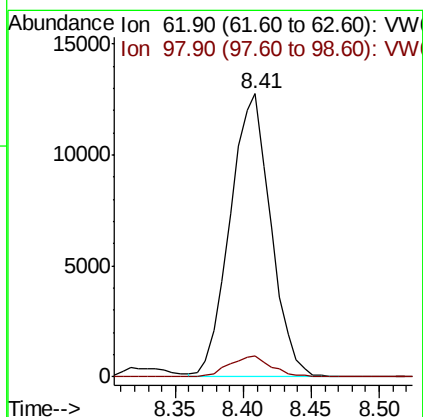
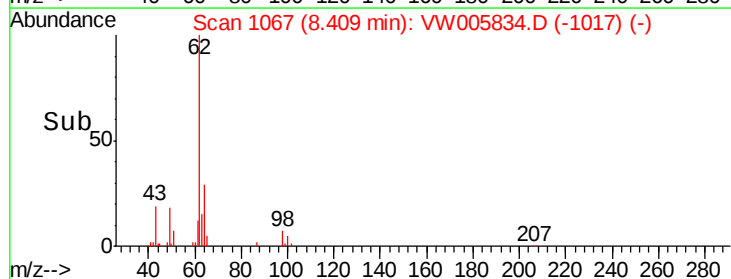
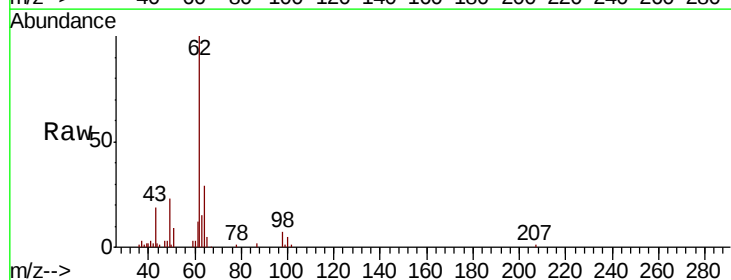
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

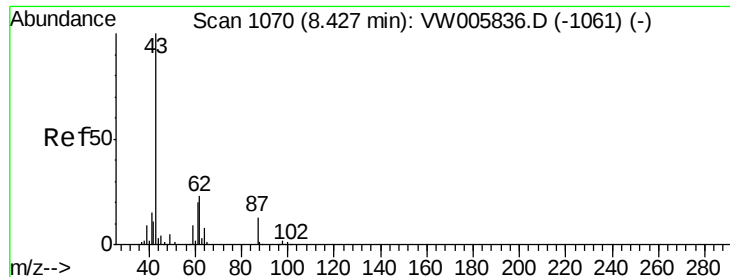
Tgt Ion:	41	Resp:	6460
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.6	68.4
67	67.5	53.6	80.4
52	30.7	23.9	35.9



#42
1,2-Dichloroethane
Concen: 10.174 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:	62	Resp:	26655
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 8.396 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

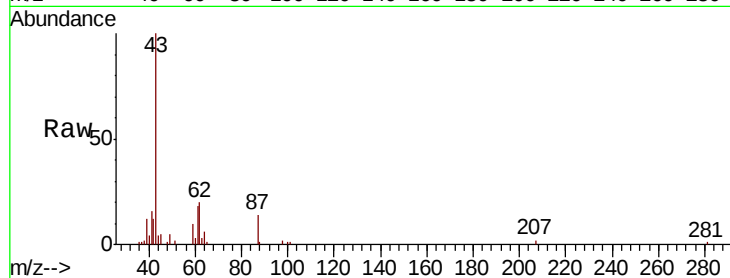
Tgt Ion: 43 Resp: 20008

Ion Ratio Lower Upper

43 100

61 31.8 24.1 36.1

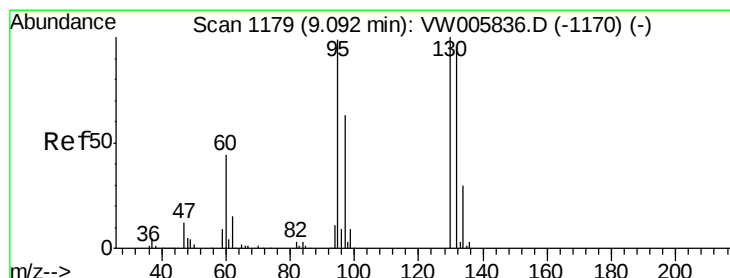
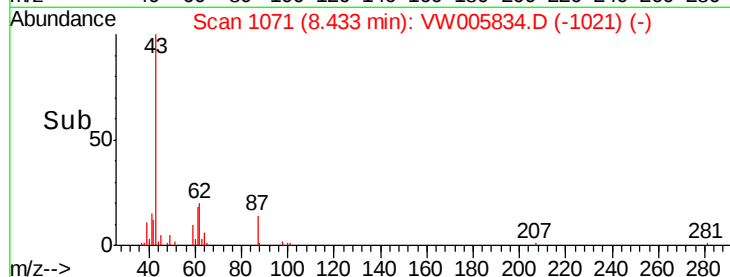
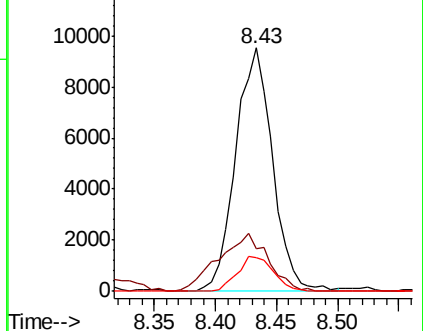
87 14.0 10.6 16.0



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: 10.154 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005834.D

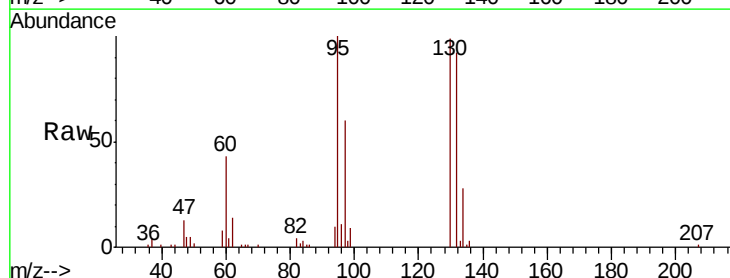
Acq: 04 Oct 2018 03:37

Tgt Ion: 130 Resp: 21090

Ion Ratio Lower Upper

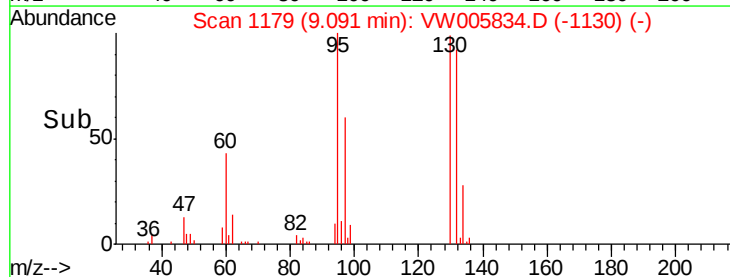
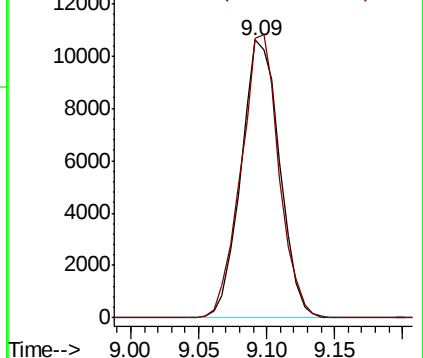
130 100

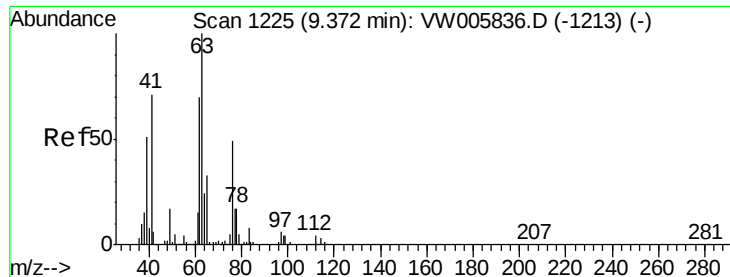
95 100.8 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

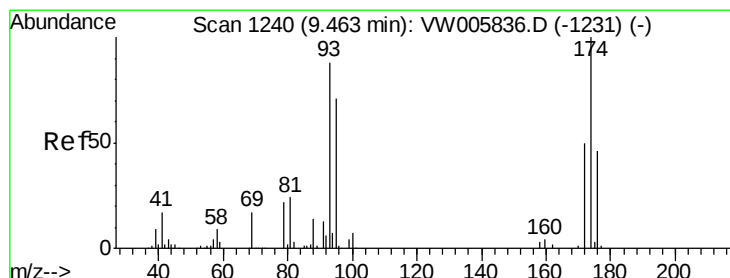
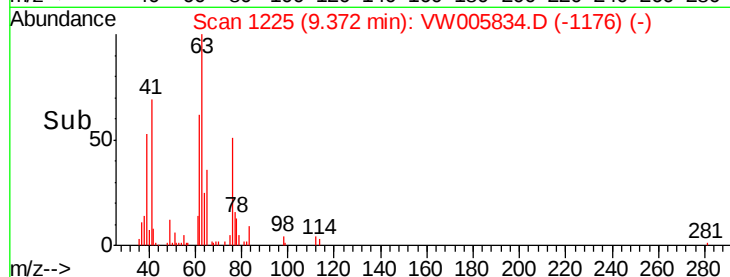
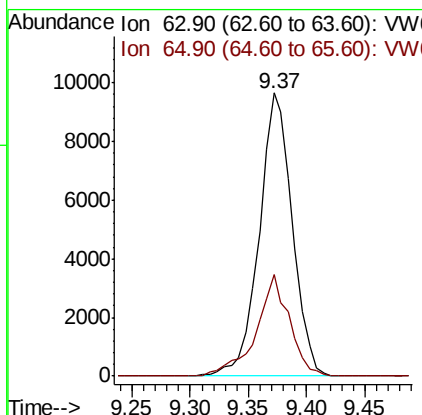
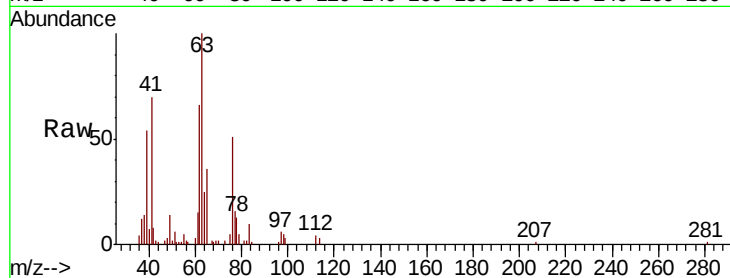




#45
 1,2-Dichloropropane
 Concen: 9.662 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

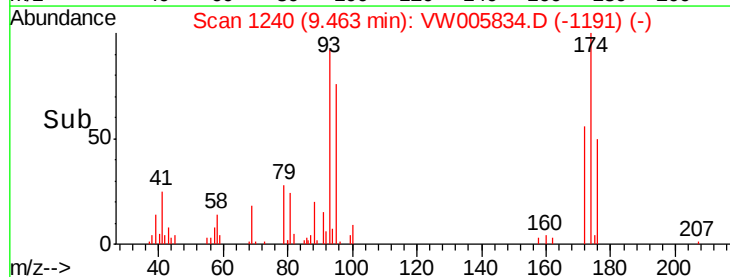
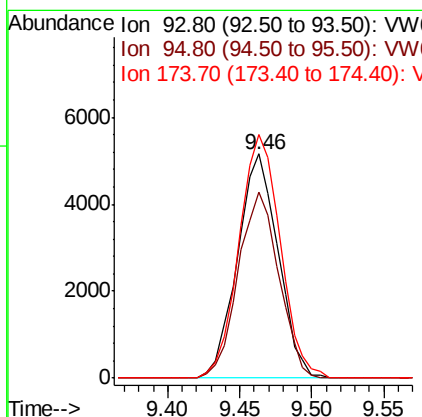
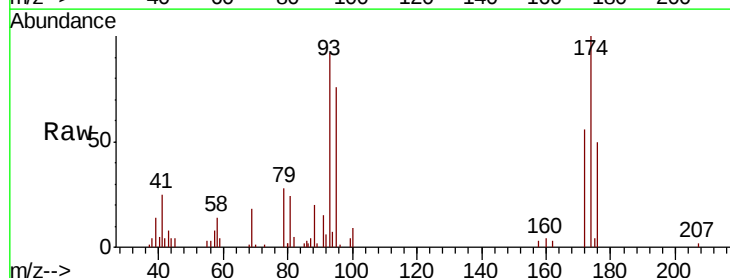
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

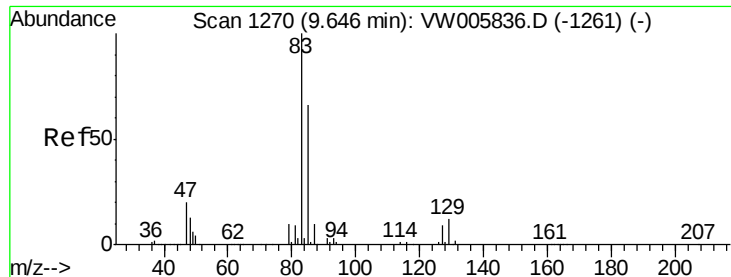
Tgt Ion: 63 Resp: 19032
 Ion Ratio Lower Upper
 63 100
 65 35.7 26.1 39.1



#46
 Dibromomethane
 Concen: 10.026 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 93 Resp: 10072
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.9 98.9
 174 110.4 88.4 132.6





#47

Bromodichloromethane

Concen: 10.393 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

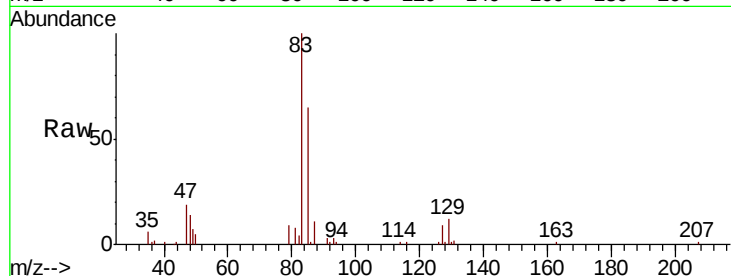
Tgt Ion: 83 Resp: 27825

Ion Ratio Lower Upper

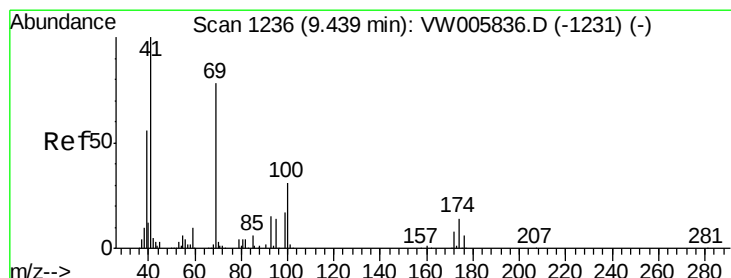
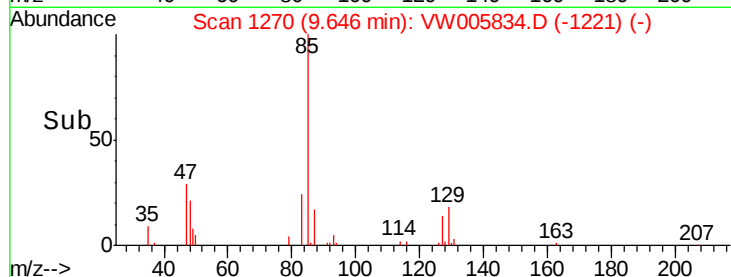
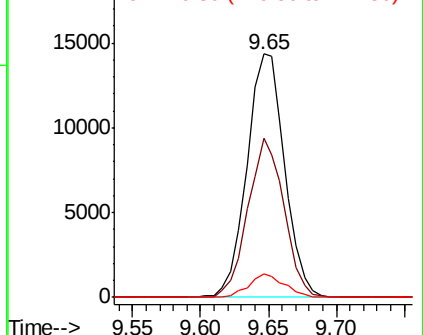
83 100

85 65.5 52.6 78.8

127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 8.329 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

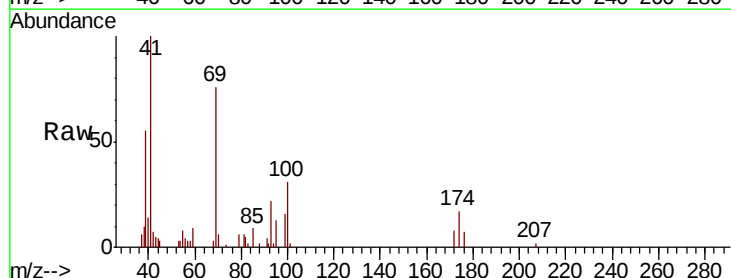
Tgt Ion: 41 Resp: 9439

Ion Ratio Lower Upper

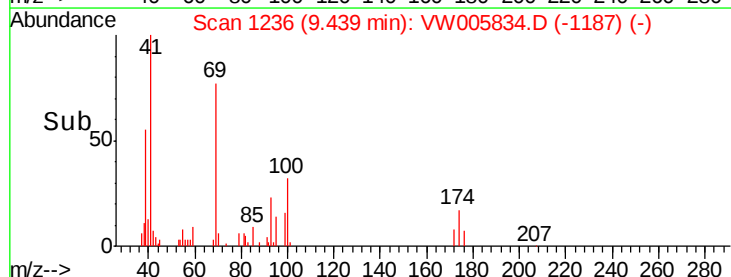
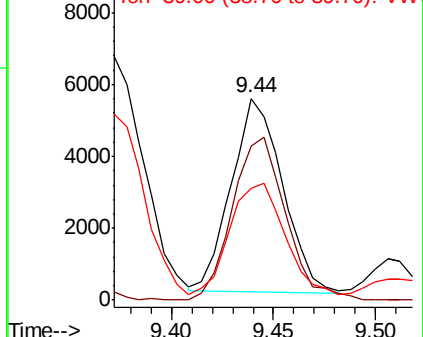
41 100

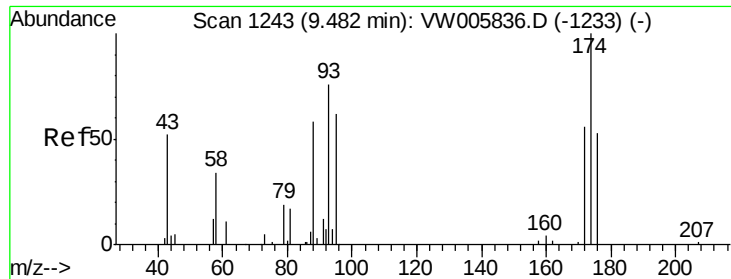
69 86.9 66.4 99.6

39 68.0 50.1 75.1



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

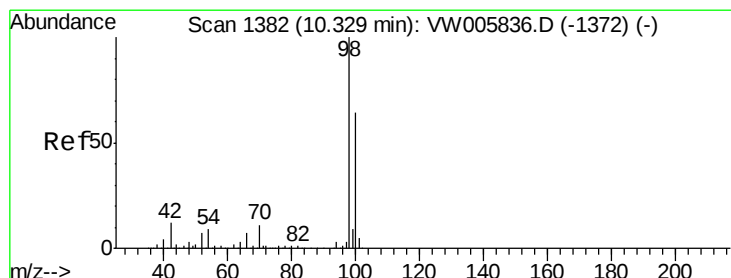
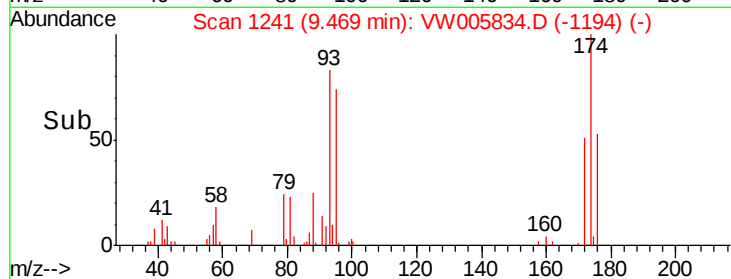
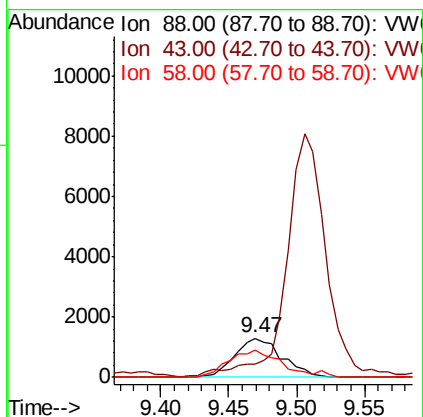
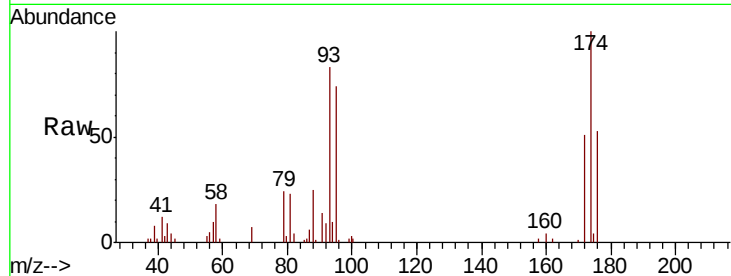




#49
1,4-Dioxane
Concen: 197.379 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

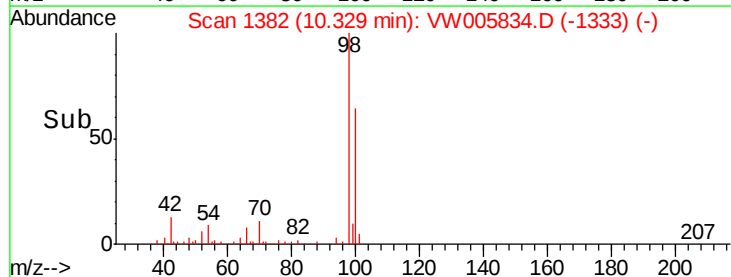
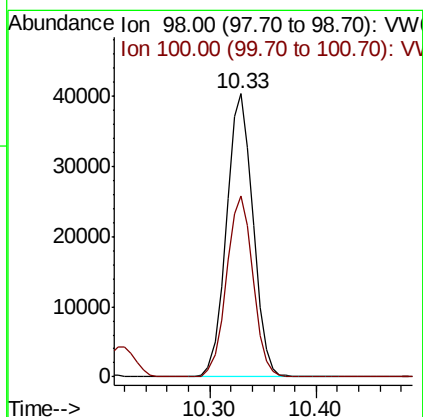
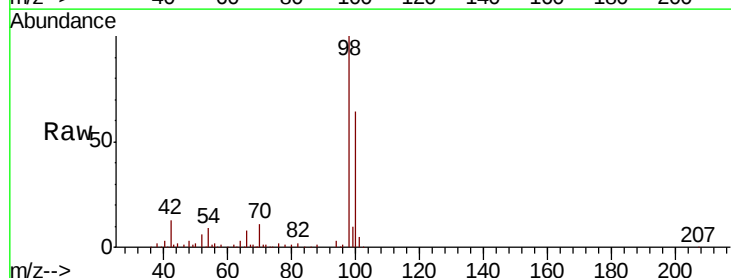
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

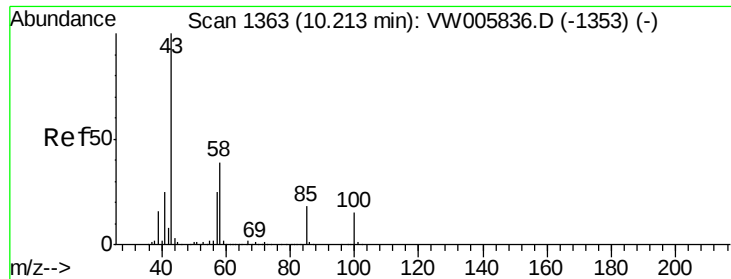
Tgt Ion: 88 Resp: 3165
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.9 58.1 87.1



#50
Toluene-d8
Concen: 9.800 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 98 Resp: 70516
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

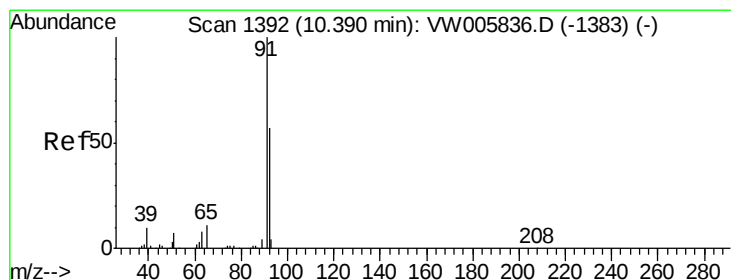
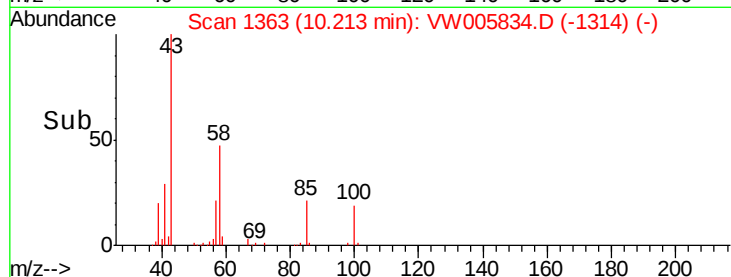
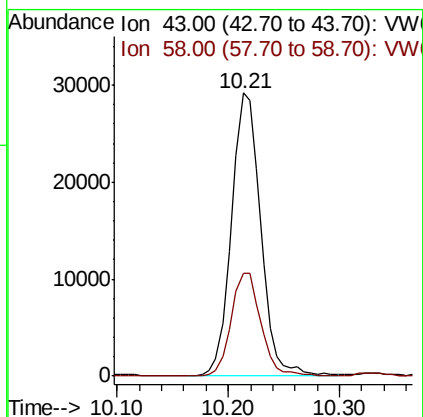
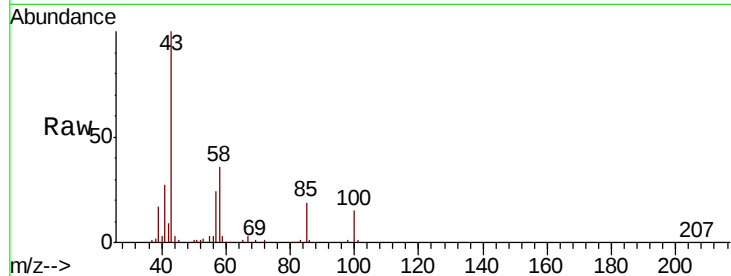




#51
 4-Methyl-2-Pentanone
 Concen: 44.100 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

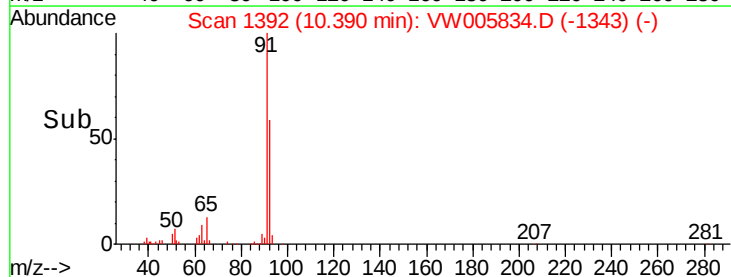
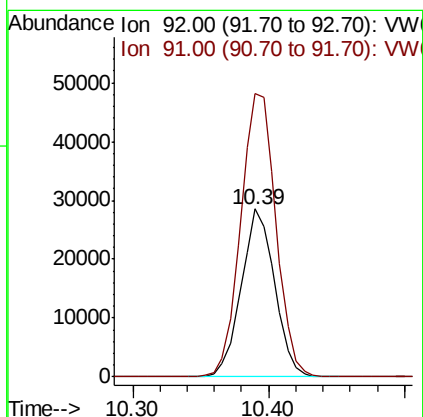
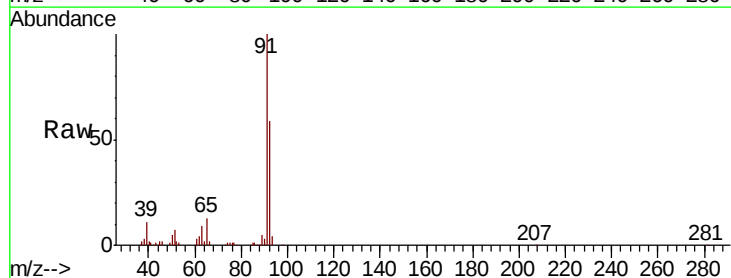
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

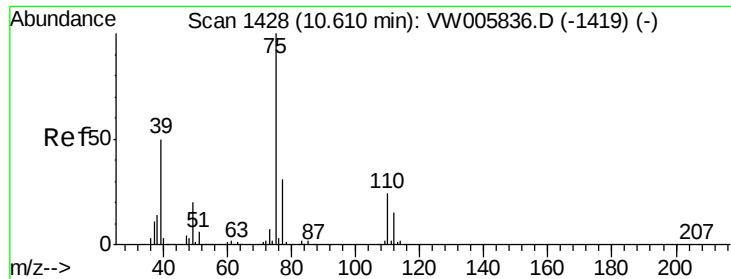
Tgt Ion: 43 Resp: 53108
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.6 45.8



#52
 Toluene
 Concen: 9.640 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 92 Resp: 48753
 Ion Ratio Lower Upper
 92 100
 91 178.8 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 9.138 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

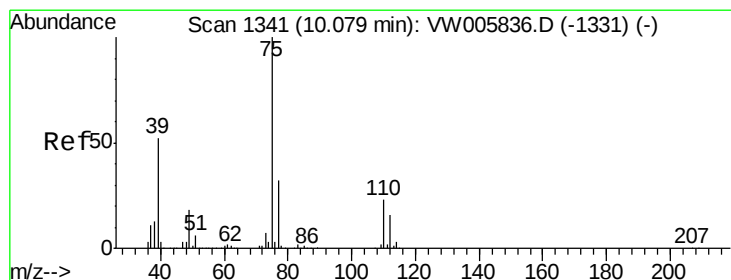
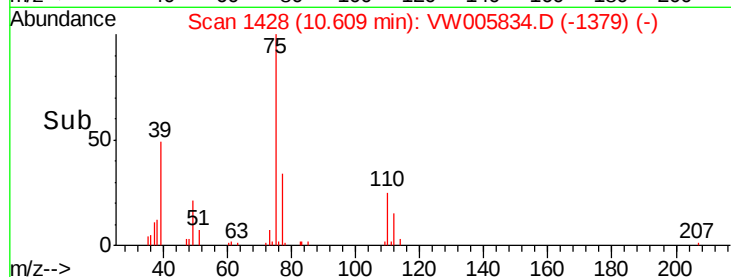
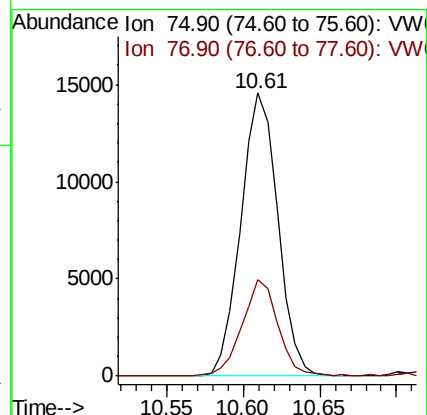
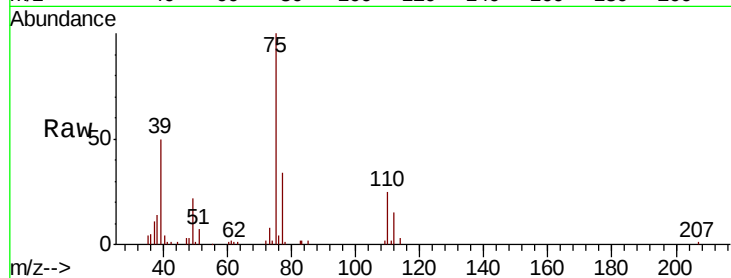
VSTDIC010

Tgt Ion: 75 Resp: 24505

Ion Ratio Lower Upper

75 100

77 33.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 9.439 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

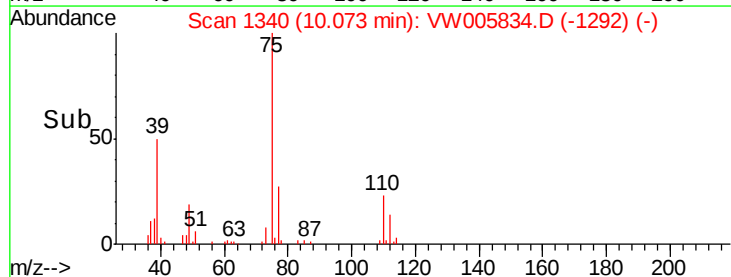
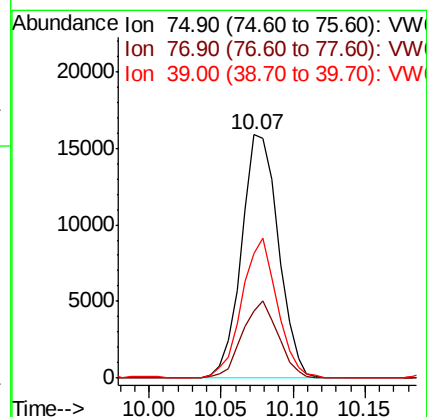
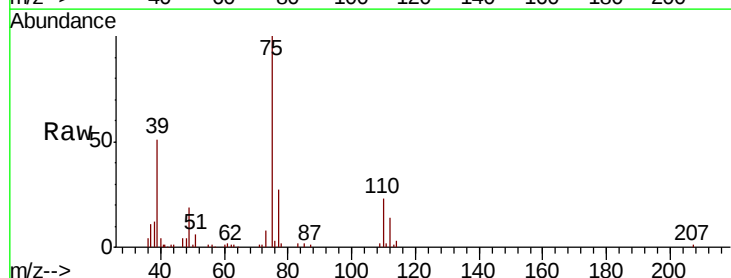
Tgt Ion: 75 Resp: 28326

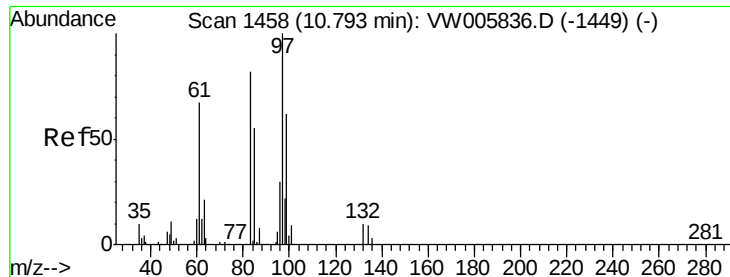
Ion Ratio Lower Upper

75 100

77 27.5 25.4 38.2

39 50.8 41.9 62.9

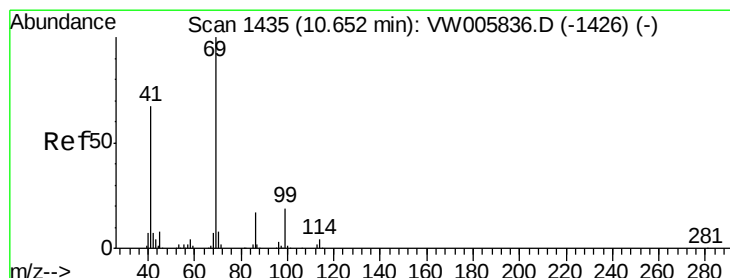
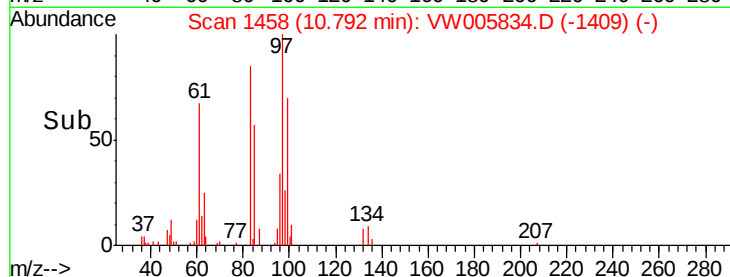
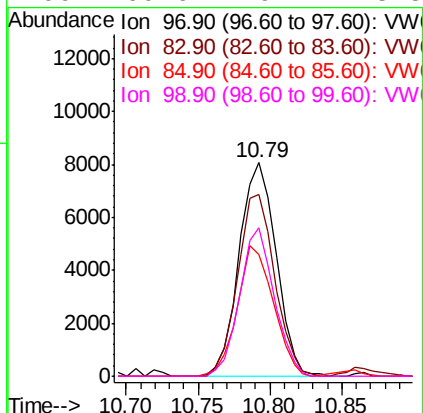
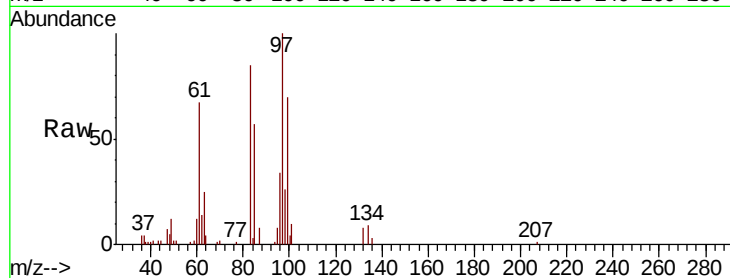




#55
 1,1,2-Trichloroethane
 Concen: 10.048 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

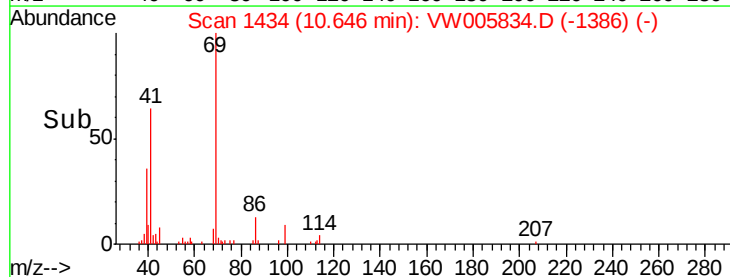
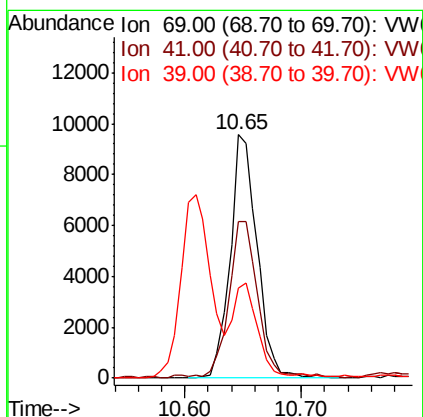
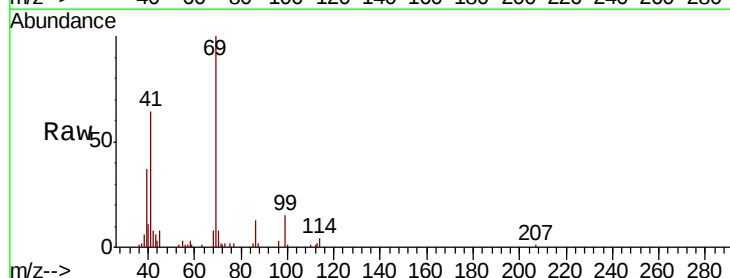
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

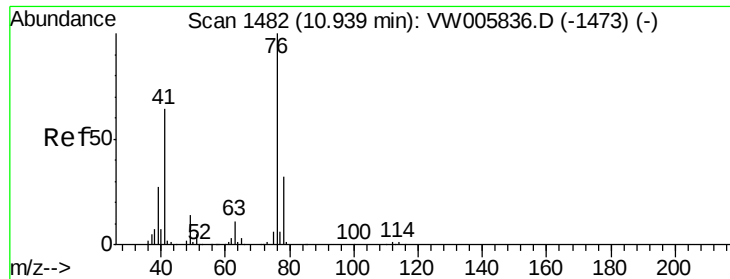
Tgt Ion:	97	Resp:	14363
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.9	98.9
85	56.8	44.2	66.2
99	69.6	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 8.727 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion:	69	Resp:	15389
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.6
39	34.1	29.3	43.9

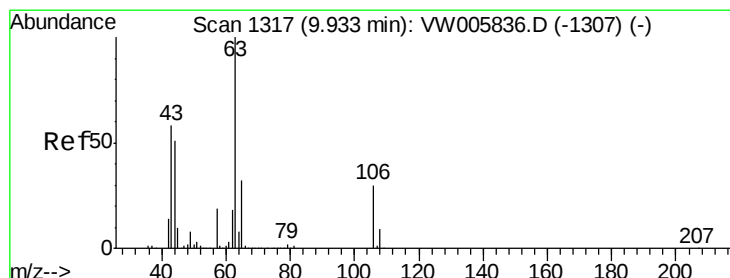
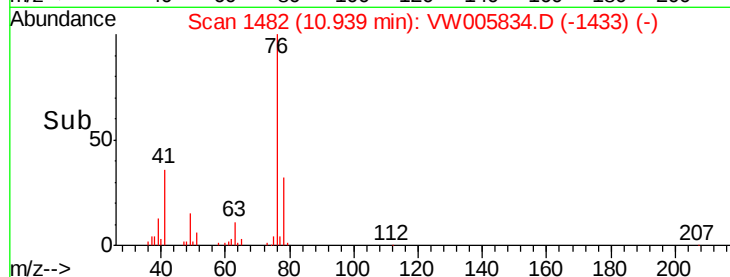
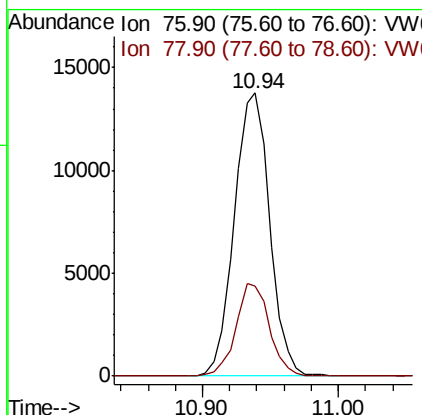
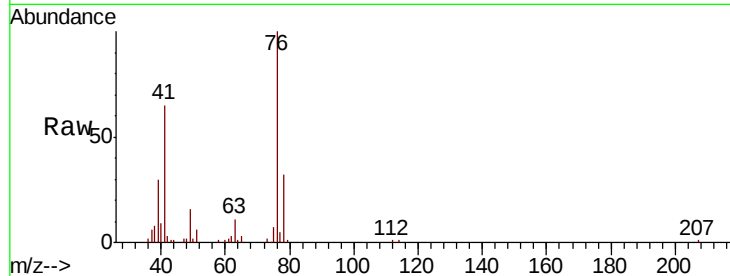




#57
 1,3-Dichloropropane
 Concen: 9.896 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

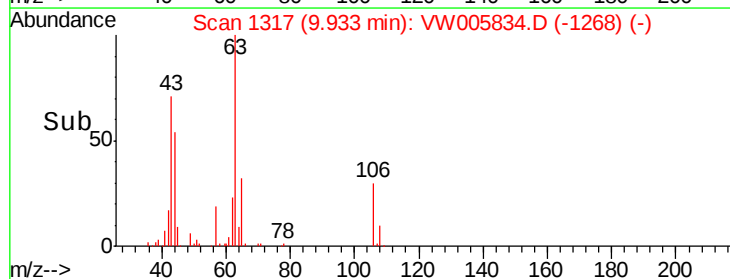
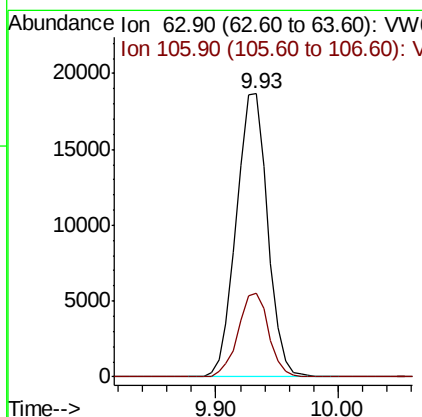
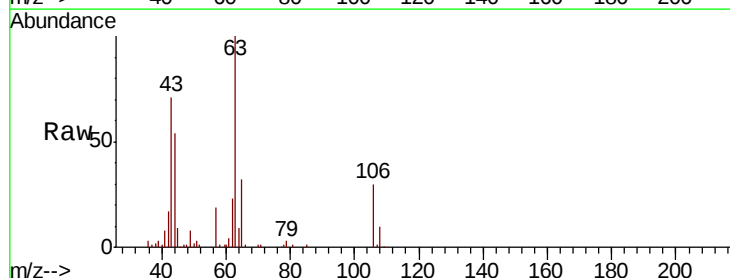
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

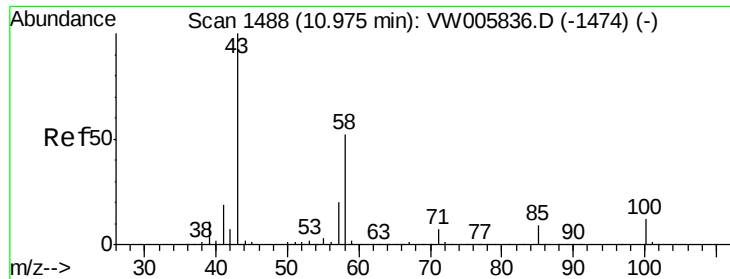
Tgt Ion: 76 Resp: 24942
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 42.337 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 63 Resp: 33175
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.7 35.5

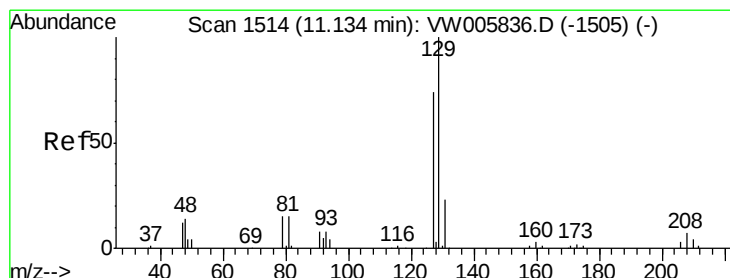
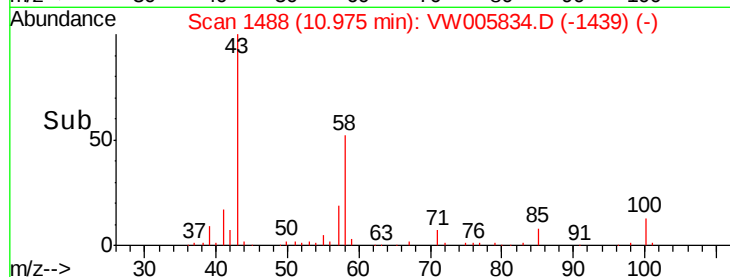
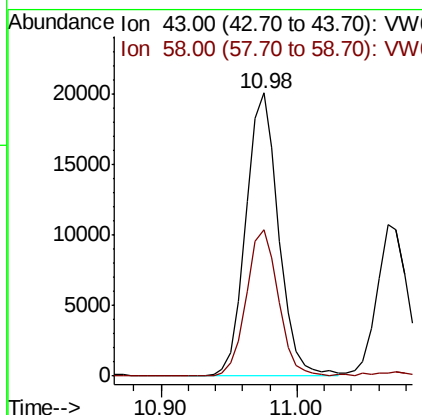
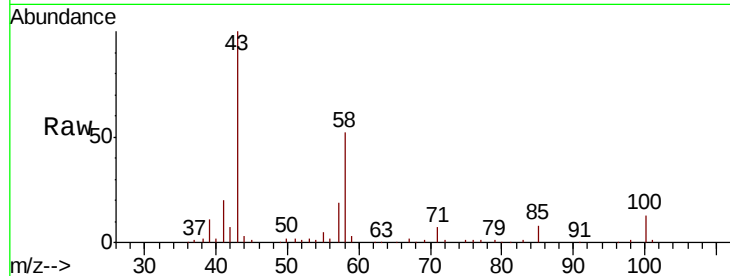




#59
2-Hexanone
Concen: 41.509 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

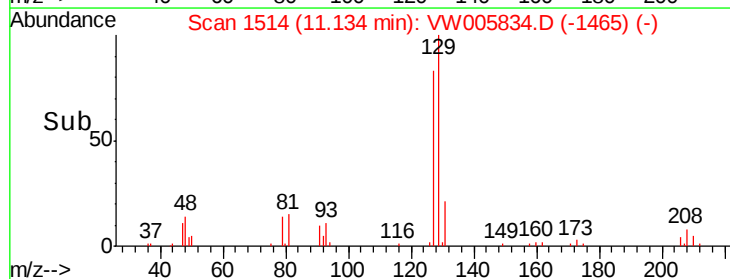
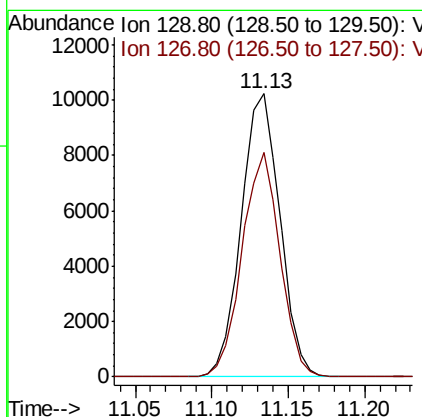
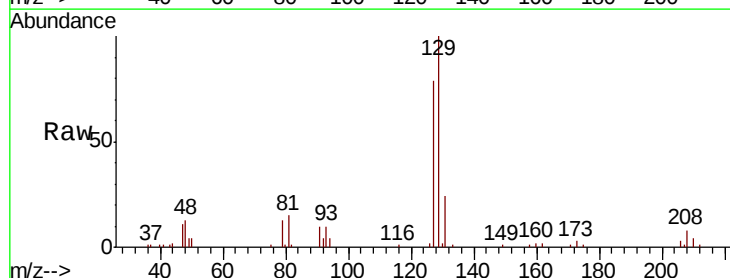
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

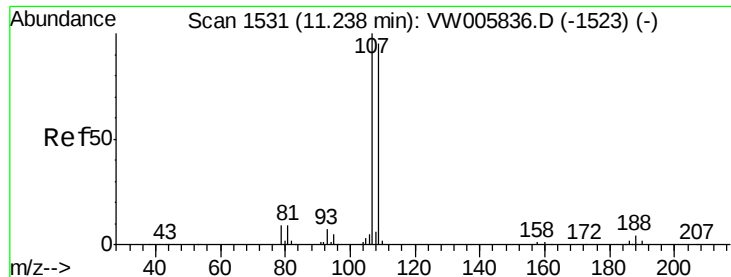
Tgt Ion: 43 Resp: 33878
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7



#60
Dibromochloromethane
Concen: 10.359 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 129 Resp: 18035
Ion Ratio Lower Upper
129 100
127 77.4 37.2 111.6





#61

1,2-Dibromoethane

Concen: 9.823 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

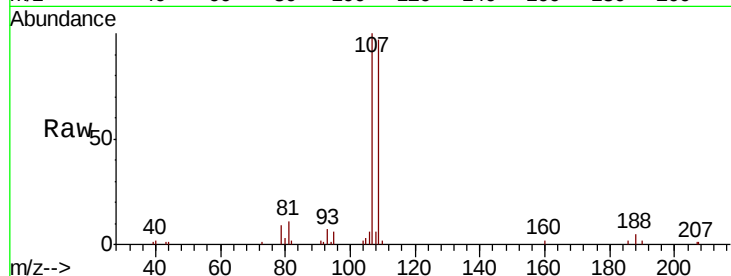
VSTDIC010

Tgt Ion: 107 Resp: 13120

Ion Ratio Lower Upper

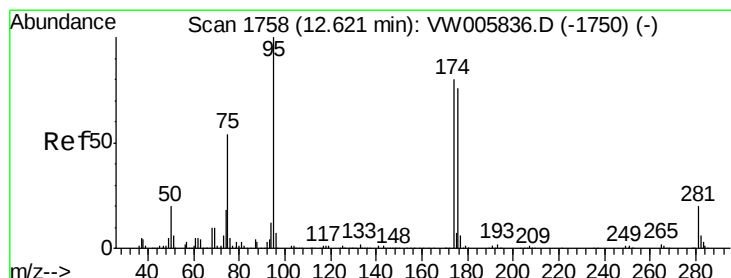
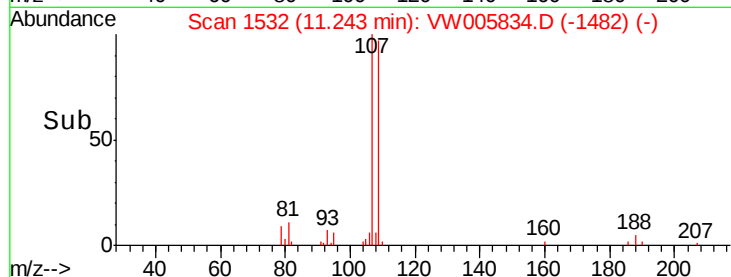
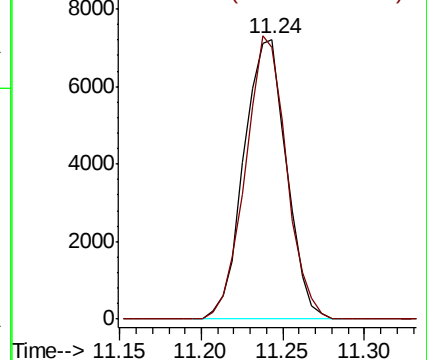
107 100

109 97.6 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.914 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

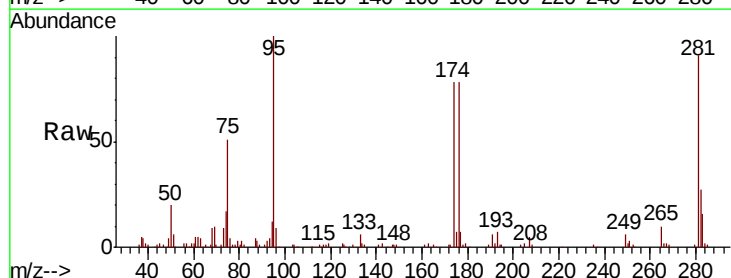
Tgt Ion: 95 Resp: 26464

Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.0

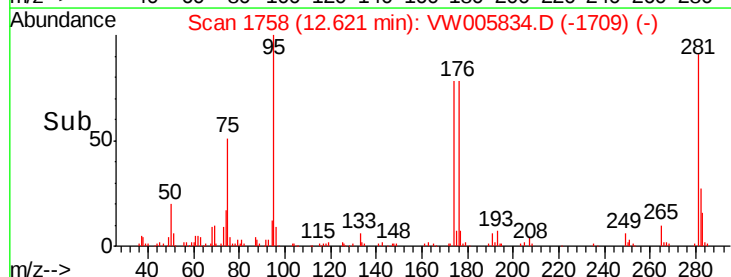
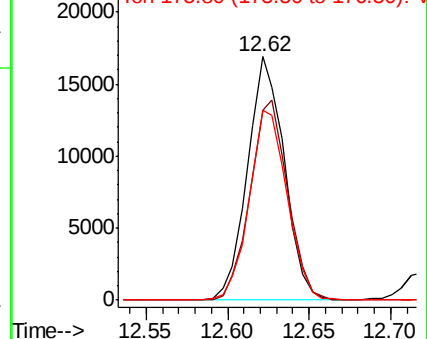
176 80.7 0.0 164.2

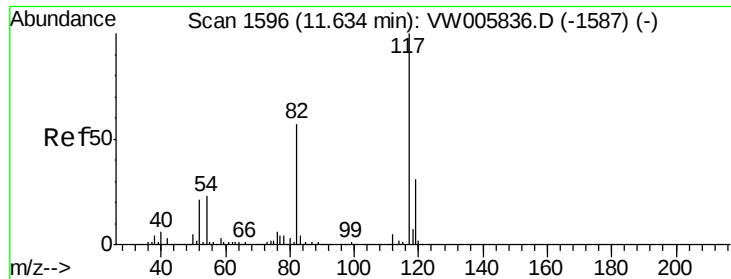


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

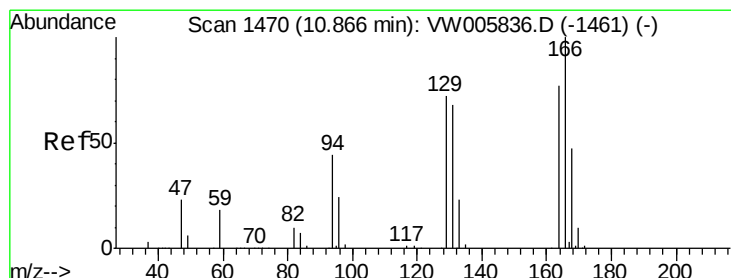
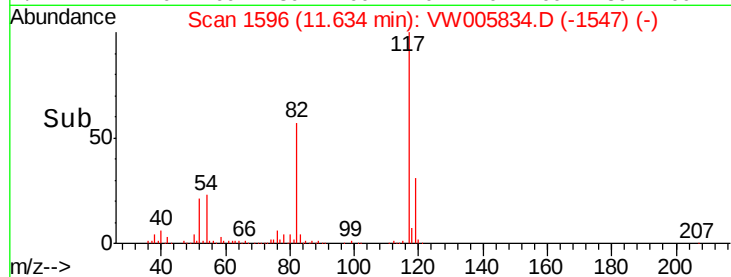
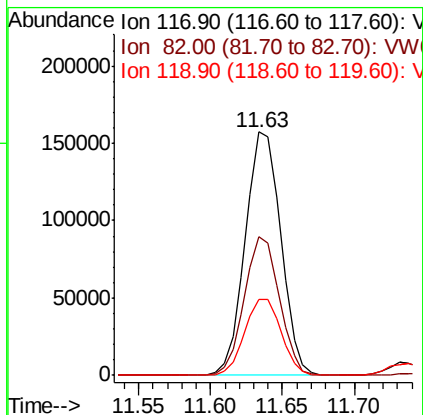
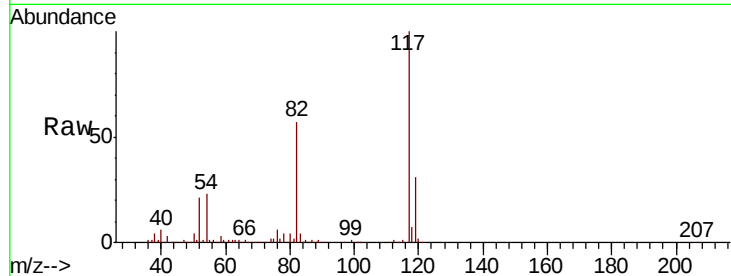




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

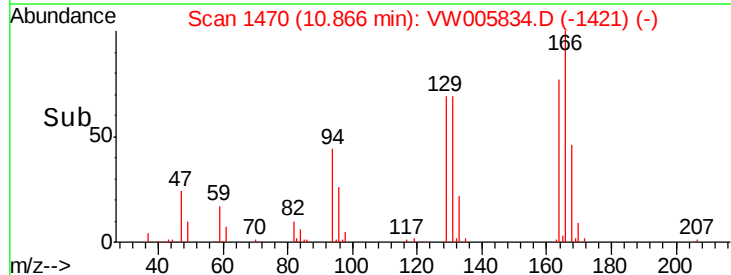
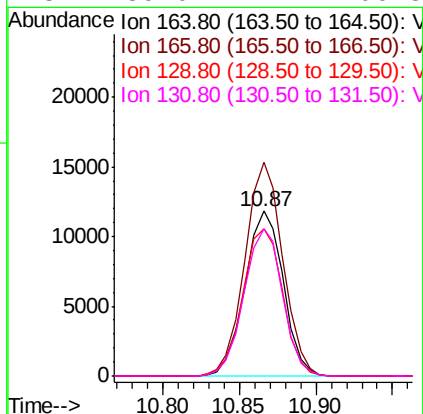
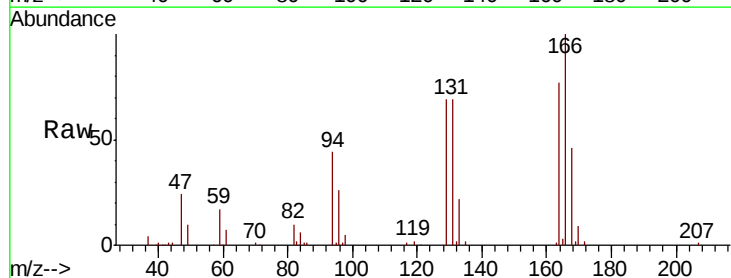
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

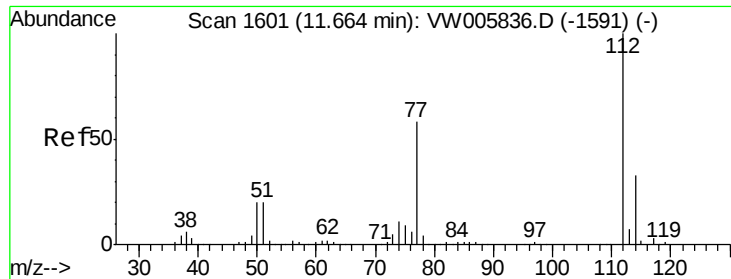
Tgt Ion:117 Resp: 268618
Ion Ratio Lower Upper
117 100
82 57.2 45.6 68.4
119 31.2 25.0 37.6



#64
Tetrachloroethene
Concen: 10.602 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:164 Resp: 20629
Ion Ratio Lower Upper
164 100
166 129.7 104.0 156.0
129 89.1 74.8 112.2
131 89.0 71.2 106.8





#65

Chlorobenzene

Concen: 10.019 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

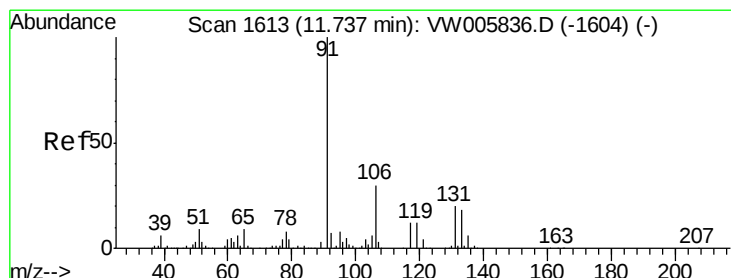
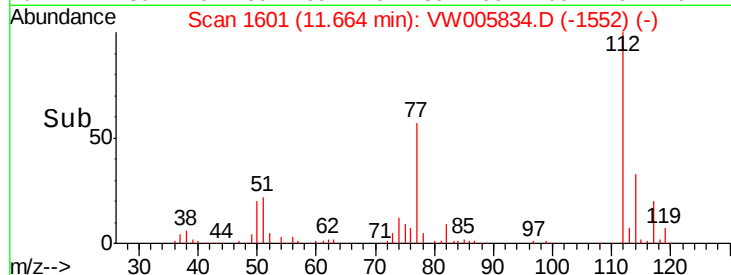
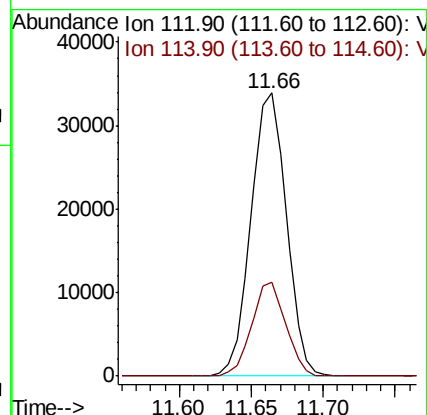
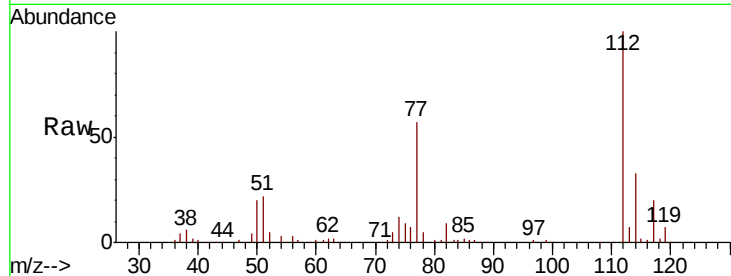
VSTDIC010

Tgt Ion:112 Resp: 57611

Ion Ratio Lower Upper

112 100

114 33.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 10.138 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

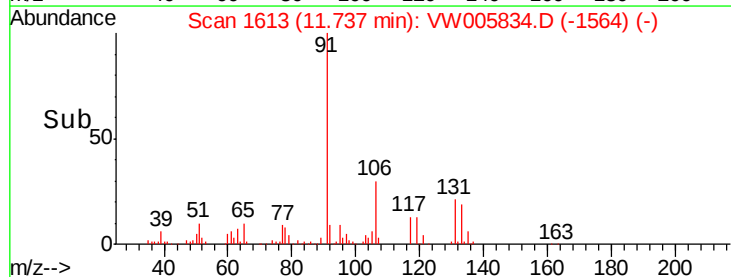
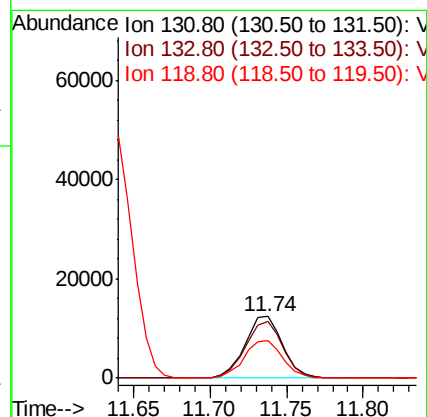
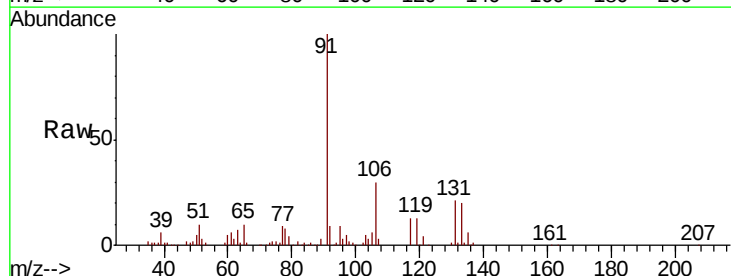
Tgt Ion:131 Resp: 21125

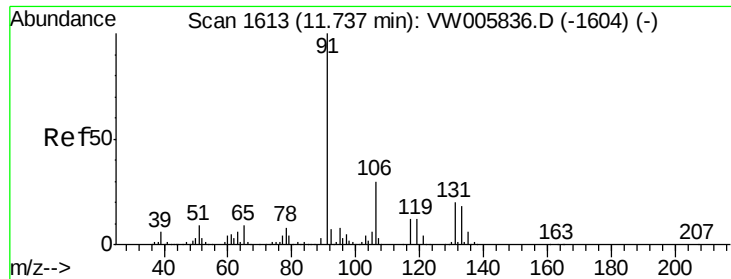
Ion Ratio Lower Upper

131 100

133 92.1 47.0 141.0

119 62.1 30.4 91.2

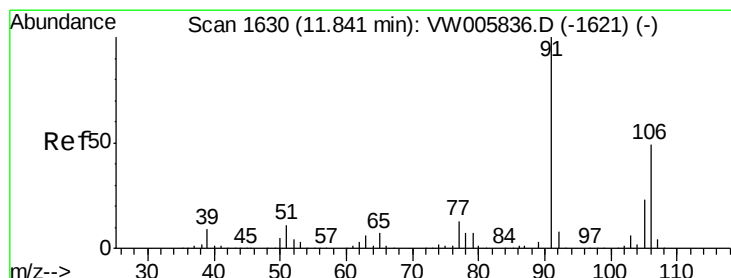
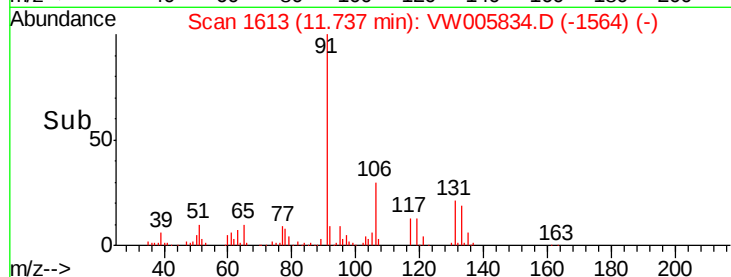
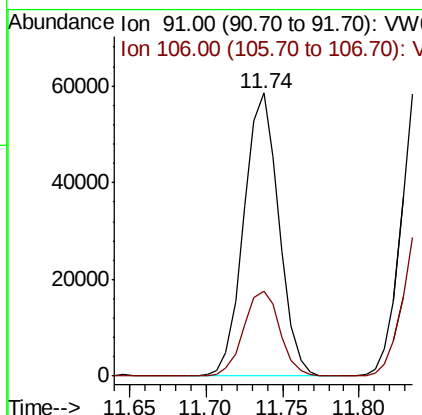
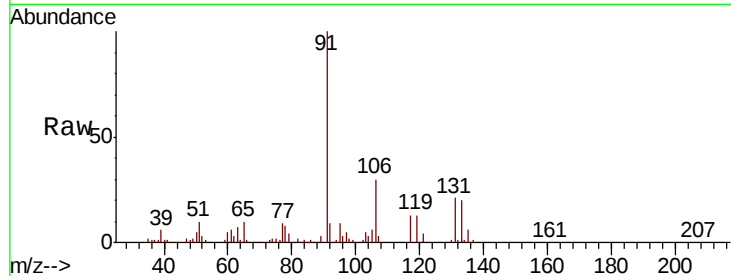




#67
Ethyl Benzene
Concen: 9.143 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

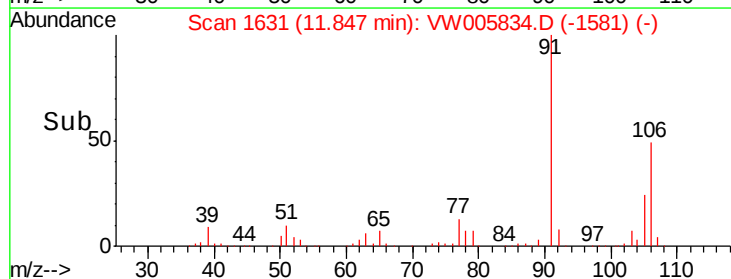
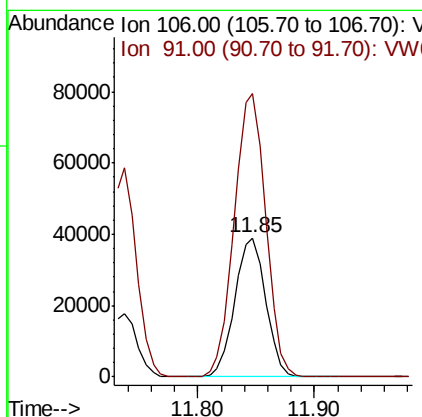
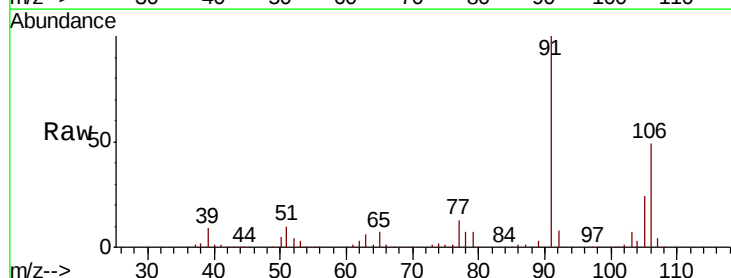
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

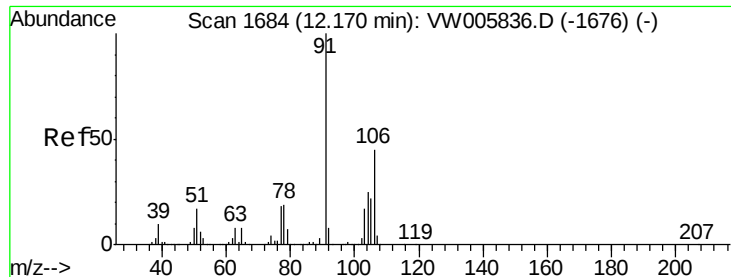
Tgt Ion: 91 Resp: 93047
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 18.768 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 106 Resp: 72410
Ion Ratio Lower Upper
106 100
91 207.4 165.4 248.0

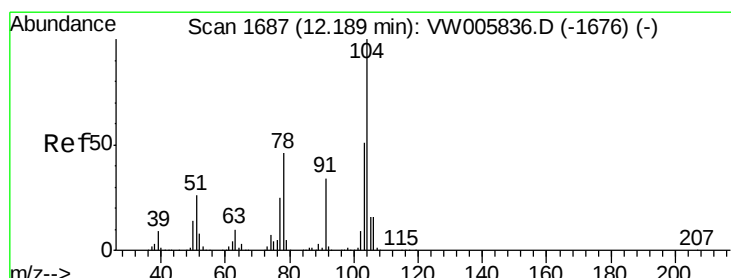
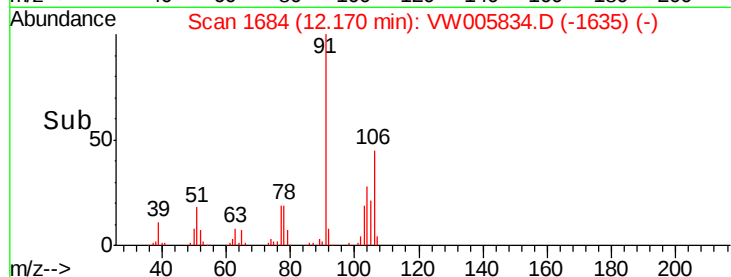
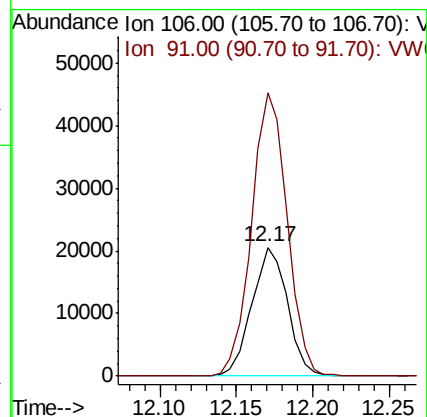
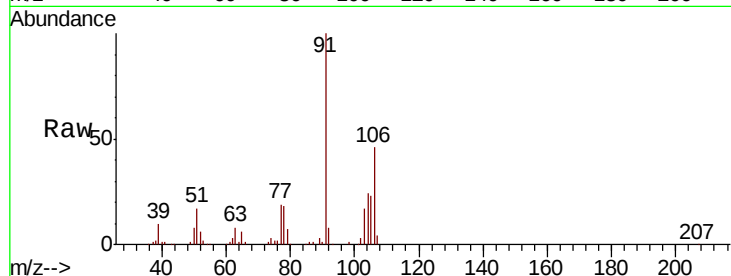




#69
o-Xylene
Concen: 9.224 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

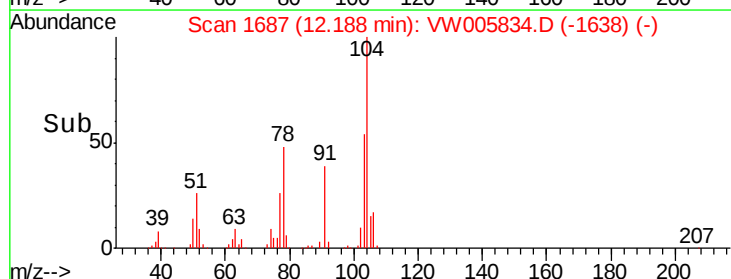
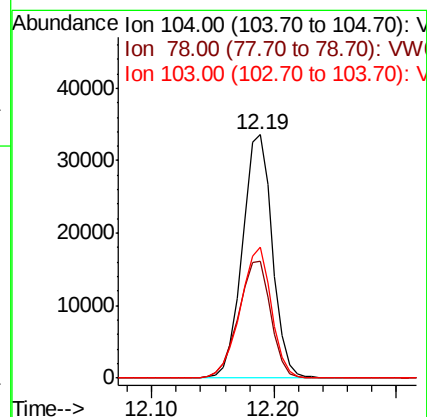
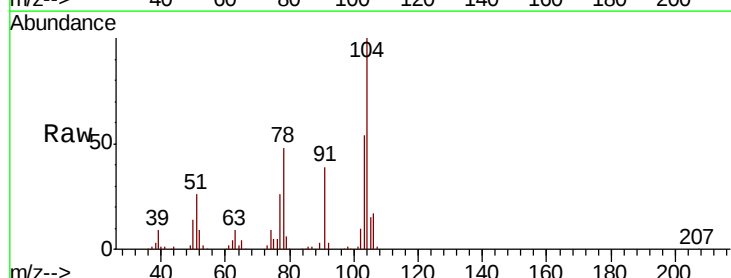
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

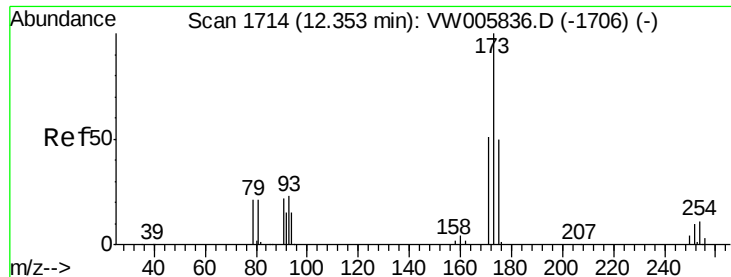
Tgt Ion:106 Resp: 33299
Ion Ratio Lower Upper
106 100
91 220.5 109.7 329.1



#70
Styrene
Concen: 9.349 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:104 Resp: 56790
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 55.9 44.9 67.3





#71

Bromoform

Concen: 10.325 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

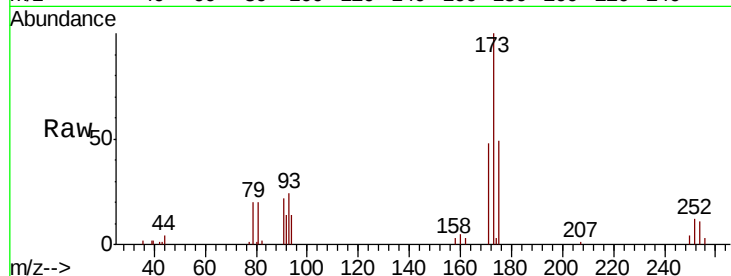
Tgt Ion:173 Resp: 11546

Ion Ratio Lower Upper

173 100

175 46.7 24.3 72.9

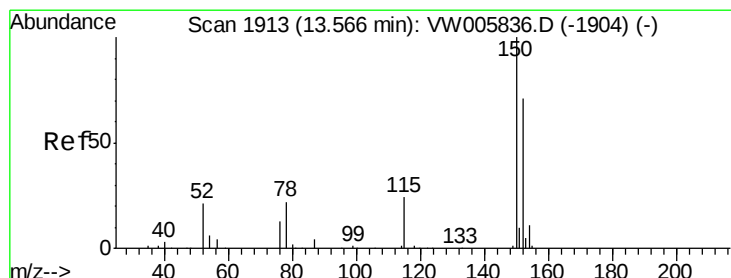
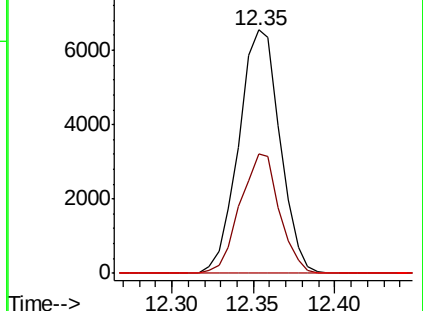
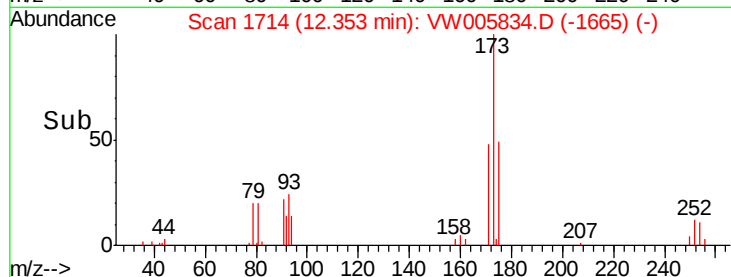
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

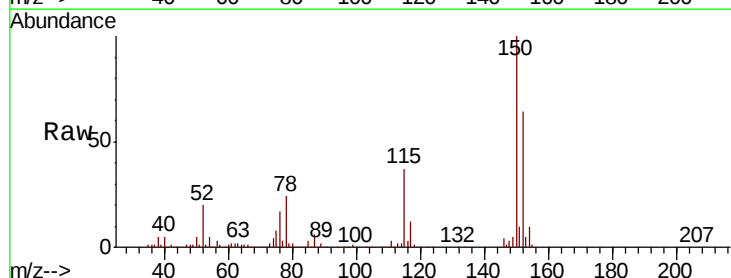
Tgt Ion:152 Resp: 150186

Ion Ratio Lower Upper

152 100

115 57.9 29.8 89.4

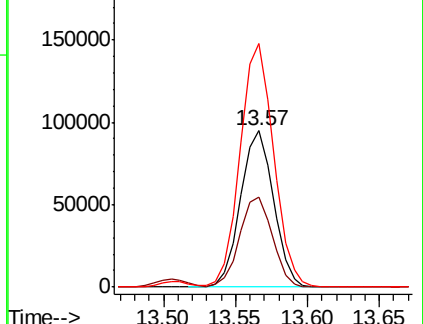
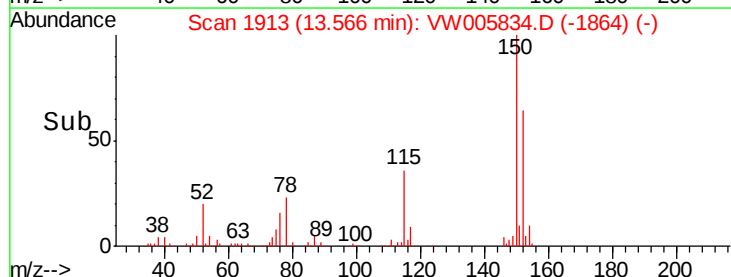
150 158.8 0.0 349.4

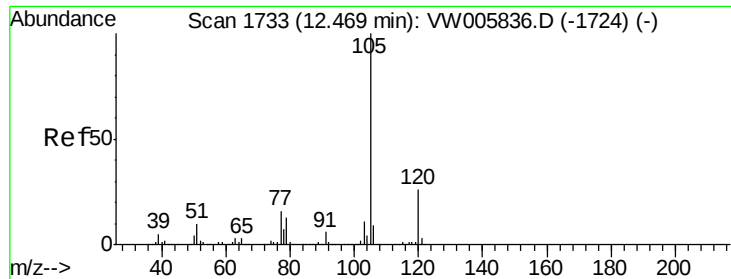


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.866 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

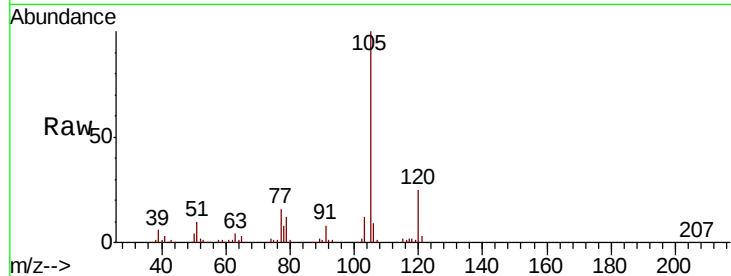
VSTDIC010

Tgt Ion:105 Resp: 92444

Ion Ratio Lower Upper

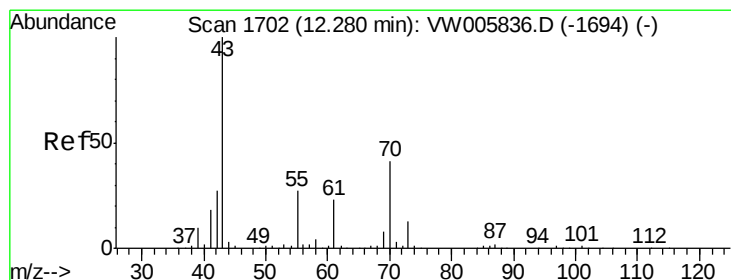
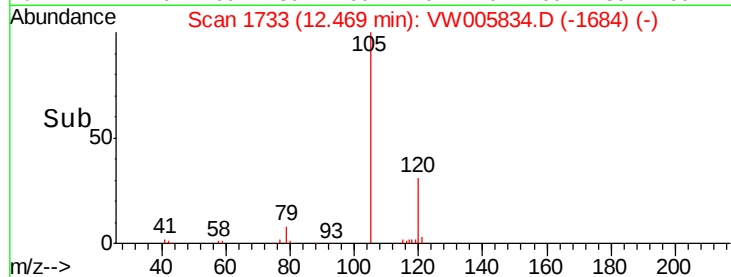
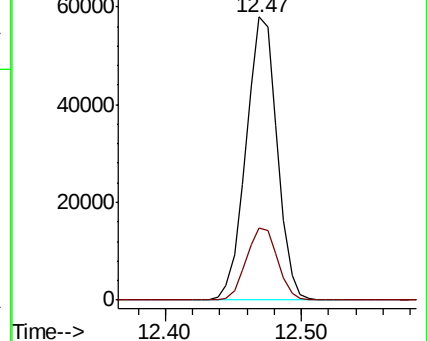
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 7.786 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion: 43 Resp: 18435

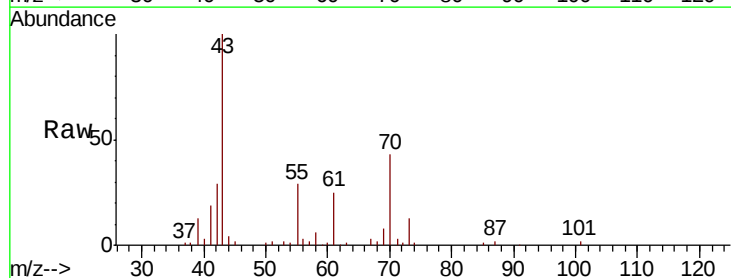
Ion Ratio Lower Upper

43 100

70 40.2 33.6 50.4

55 28.5 21.8 32.6

61 25.3 18.6 28.0

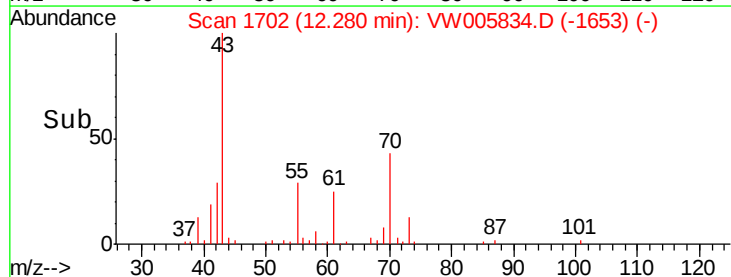
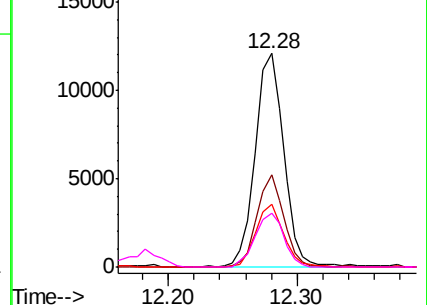


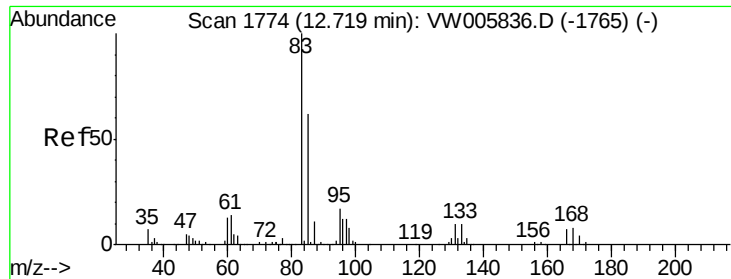
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 9.142 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

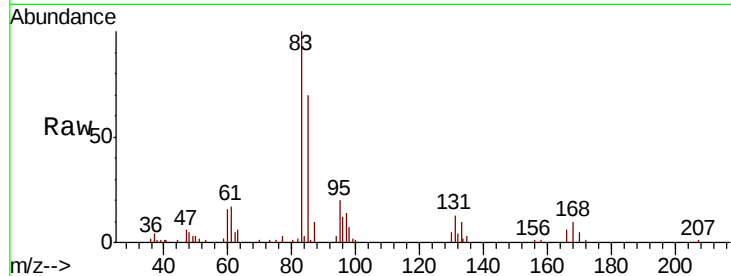
Tgt Ion: 83 Resp: 16038

Ion Ratio Lower Upper

83 100

131 13.0 5.9 17.6

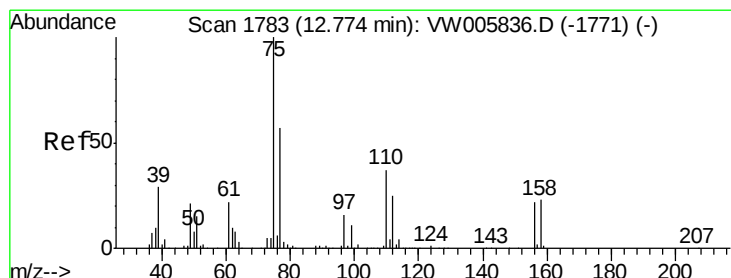
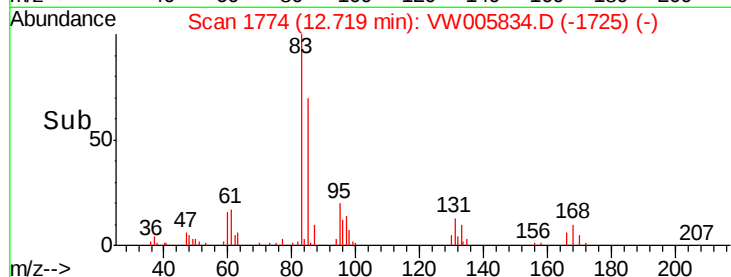
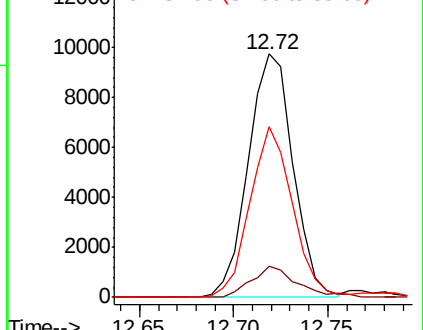
85 66.5 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 17.149 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005834.D

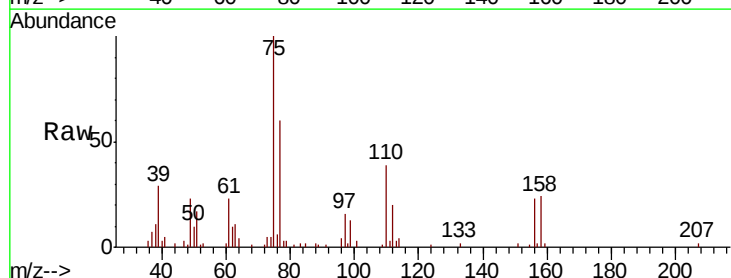
Acq: 04 Oct 2018 03:37

Tgt Ion: 75 Resp: 22329

Ion Ratio Lower Upper

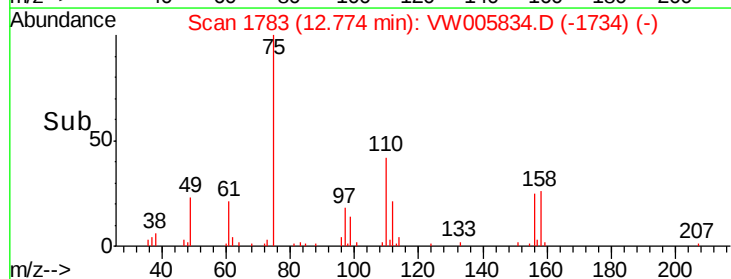
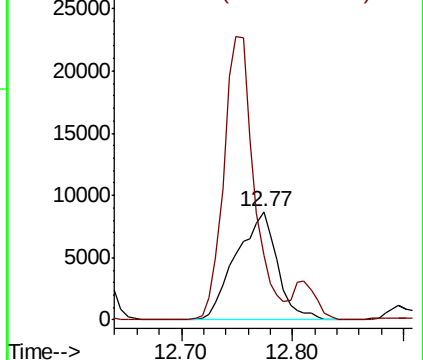
75 100

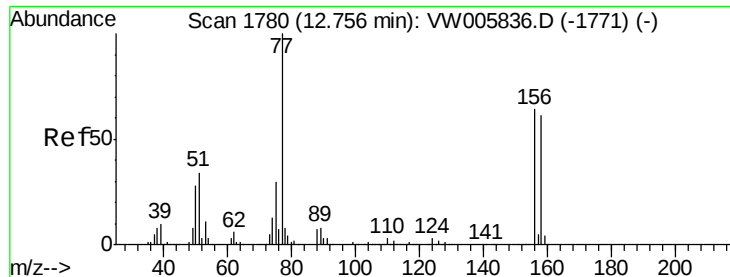
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.672 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

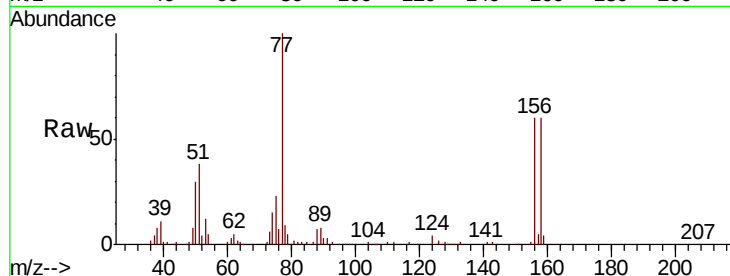
Tgt Ion:156 Resp: 23888

Ion Ratio Lower Upper

156 100

77 179.9 91.0 273.1

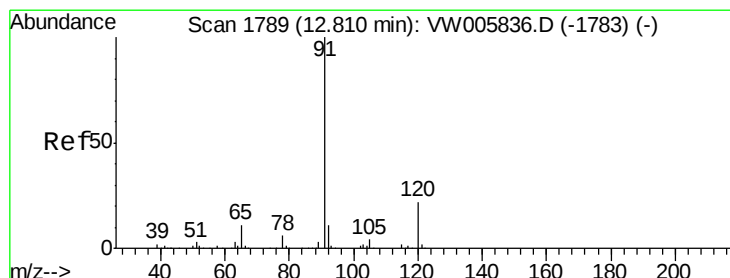
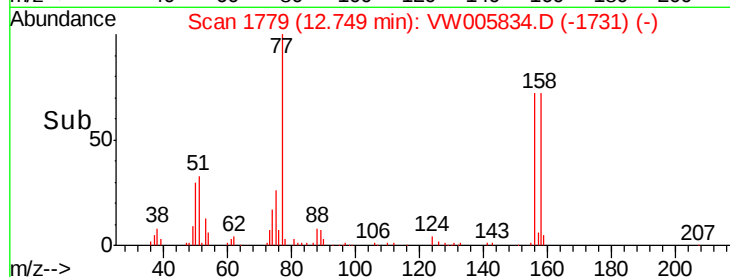
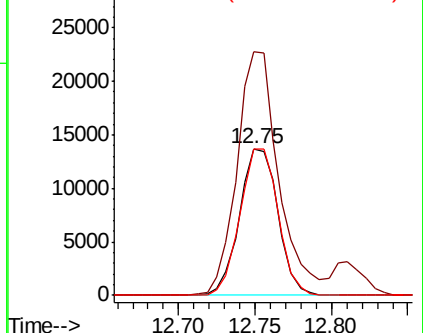
158 98.9 48.4 145.2



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: 8.847 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005834.D

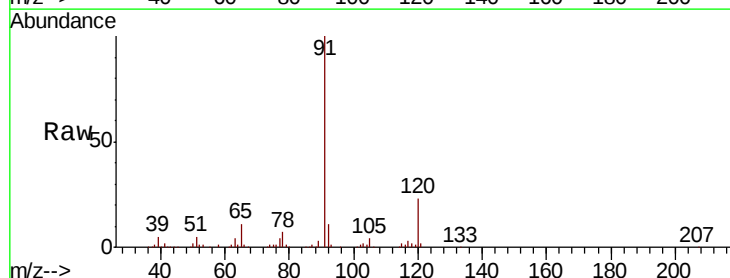
Acq: 04 Oct 2018 03:37

Tgt Ion: 91 Resp: 111382

Ion Ratio Lower Upper

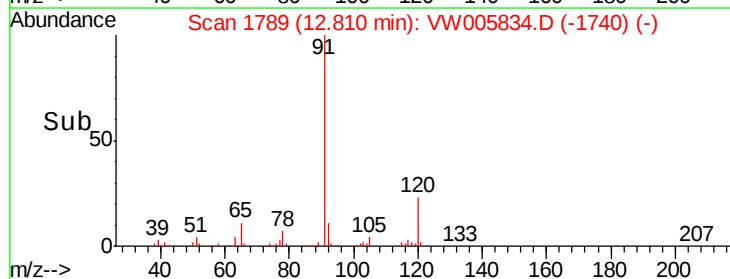
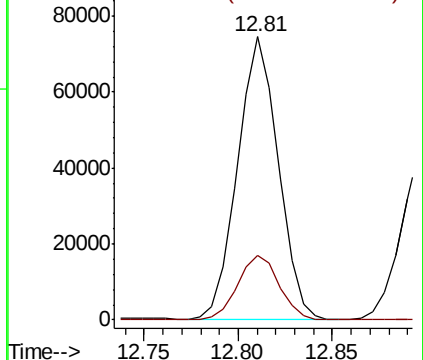
91 100

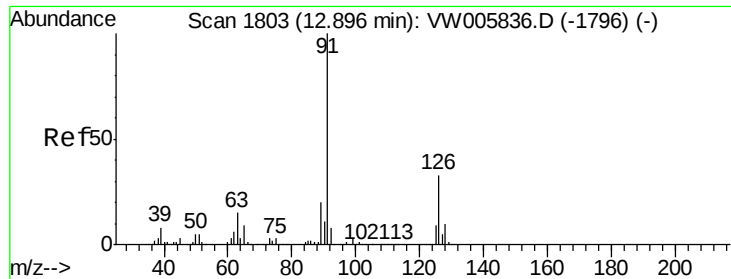
120 23.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

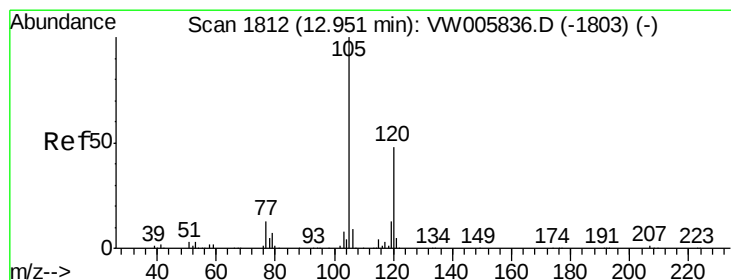
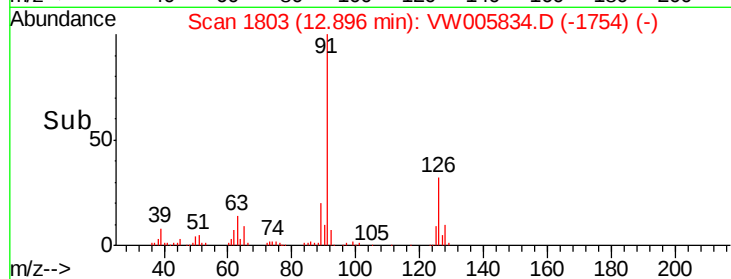
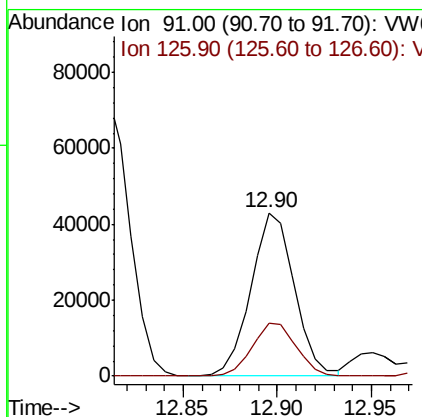
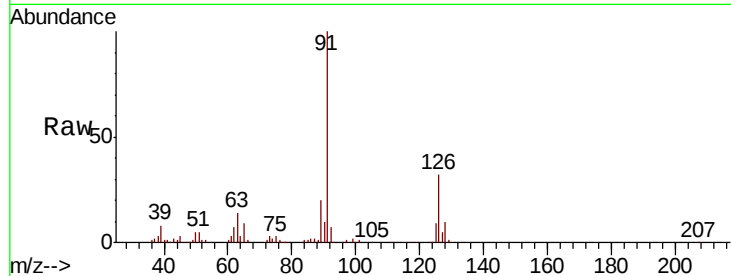




#79
 2-Chlorotoluene
 Concen: 9.384 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

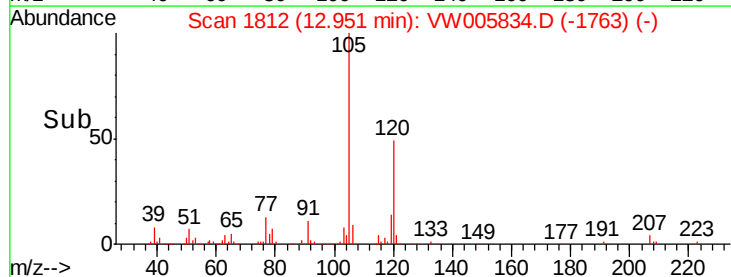
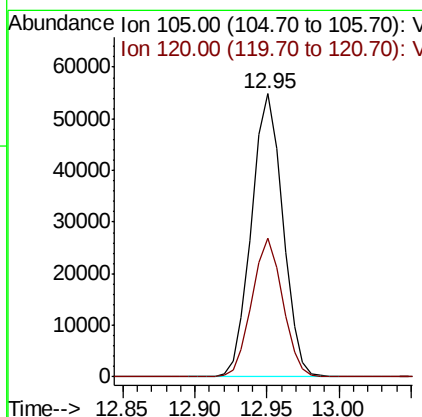
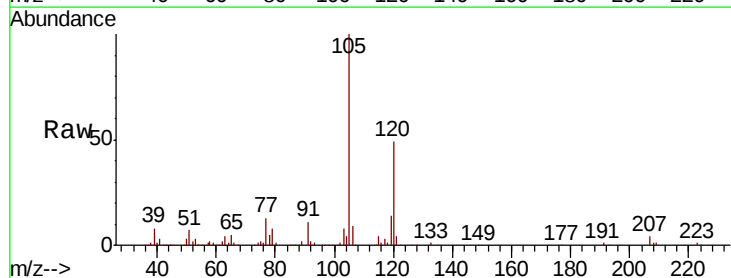
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

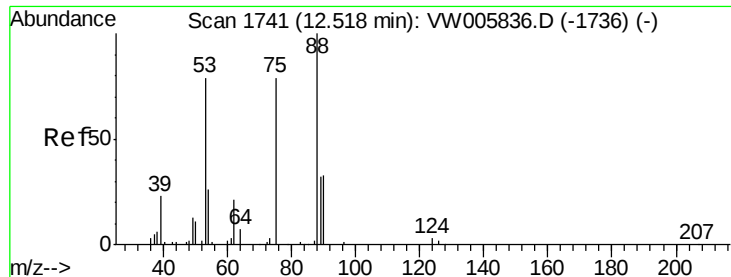
Tgt Ion: 91 Resp: 68660
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 9.045 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 105 Resp: 82071
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.8 71.2

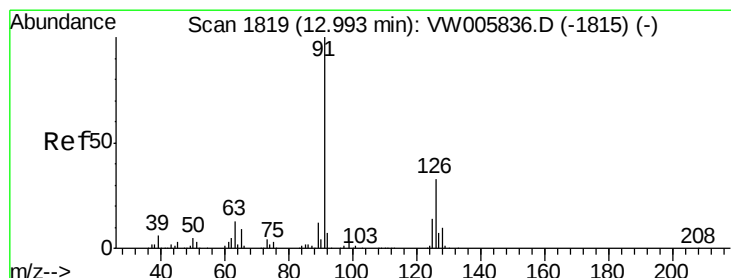
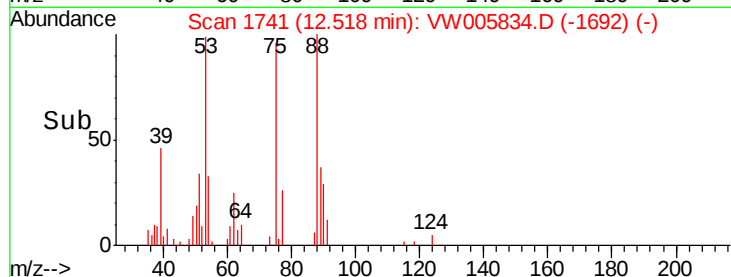
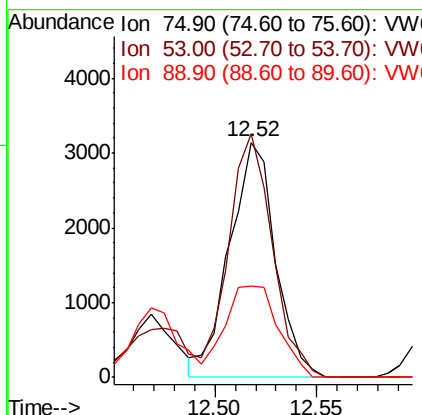
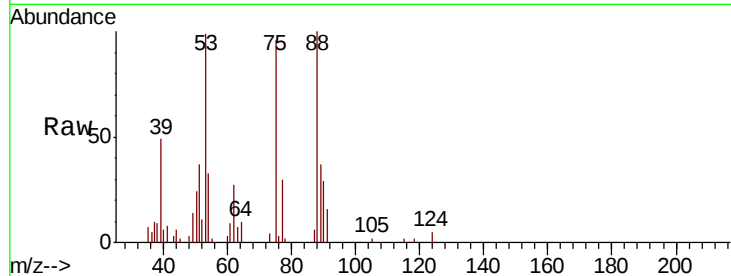




#81
trans-1,4-Dichloro-2-butene
Concen: 8.578 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

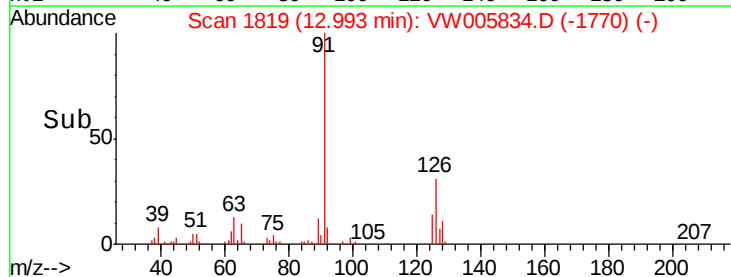
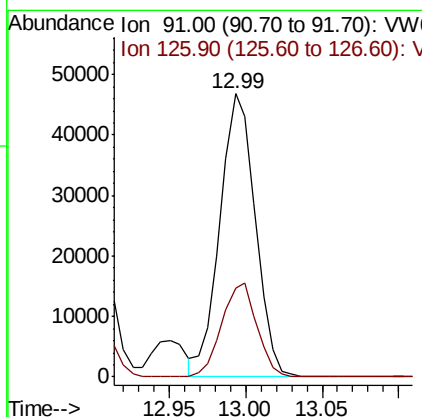
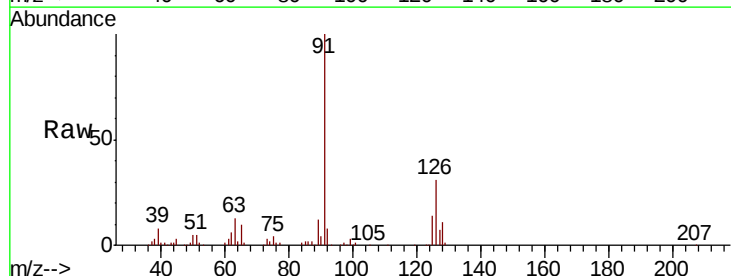
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

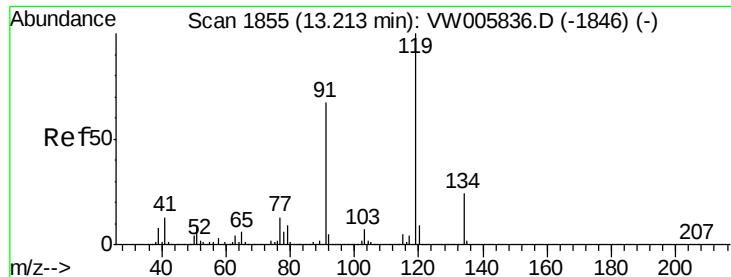
Tgt Ion: 75 Resp: 4906
Ion Ratio Lower Upper
75 100
53 98.0 83.7 125.5
89 45.3 37.5 56.3



#82
4-Chlorotoluene
Concen: 9.751 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 91 Resp: 75259
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

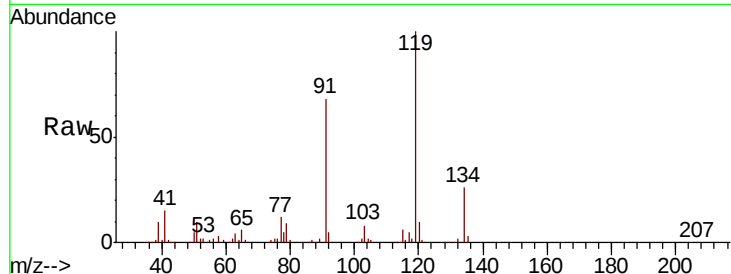




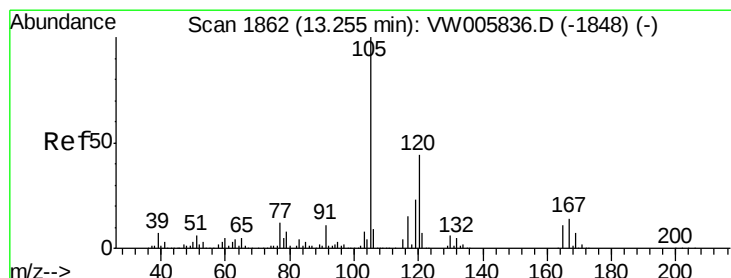
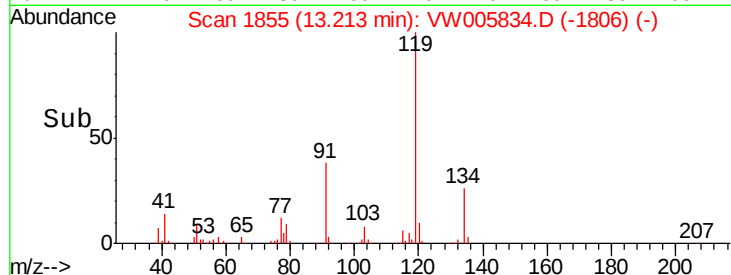
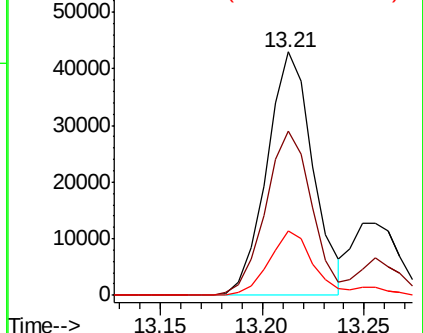
#83
tert-Butylbenzene
Concen: 8.877 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 67618
Ion Ratio Lower Upper
119 100
91 67.5 33.4 100.2
134 25.3 12.8 38.3

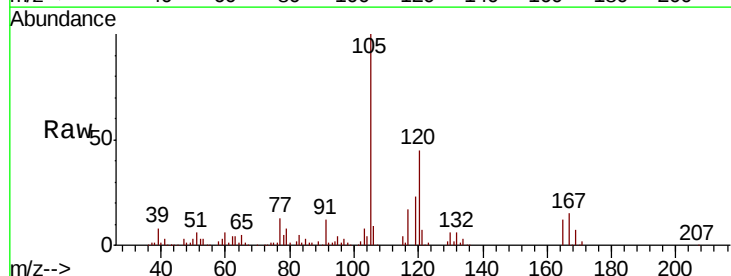


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

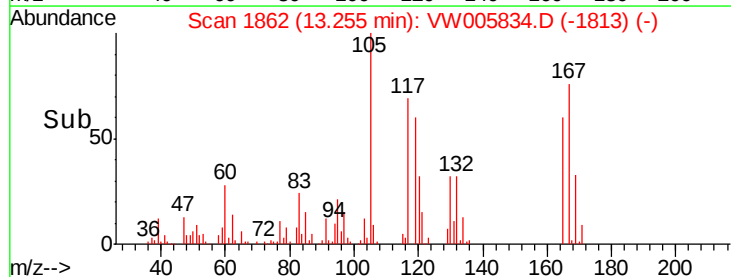
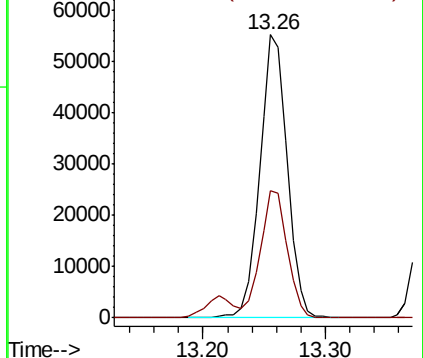


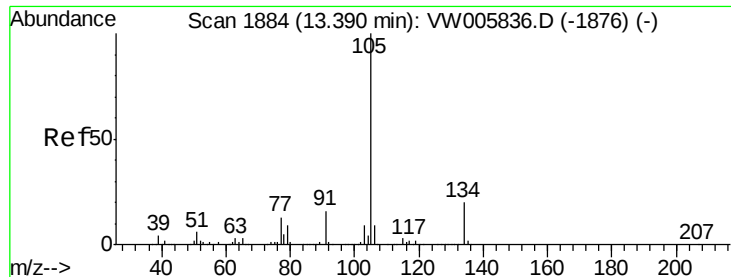
#84
1,2,4-Trimethylbenzene
Concen: 9.388 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:105 Resp: 86127
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 9.085 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

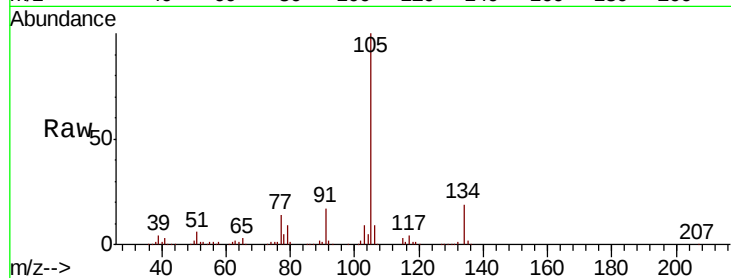
VSTDIC010

Tgt Ion:105 Resp: 100104

Ion Ratio Lower Upper

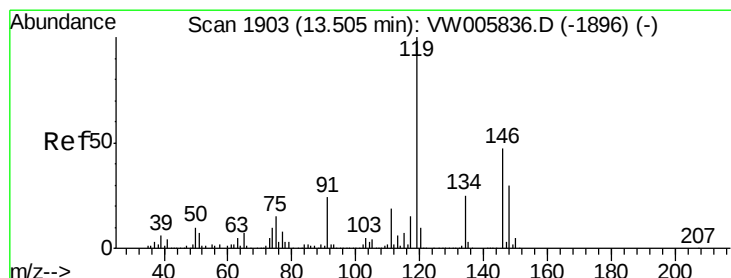
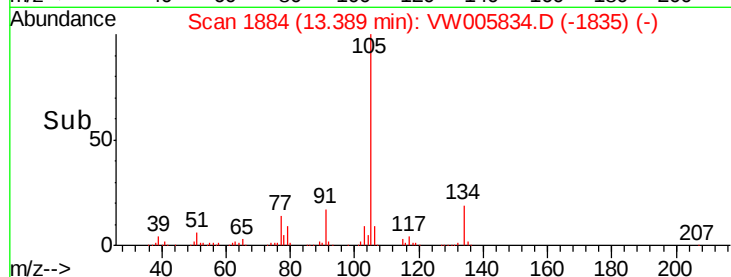
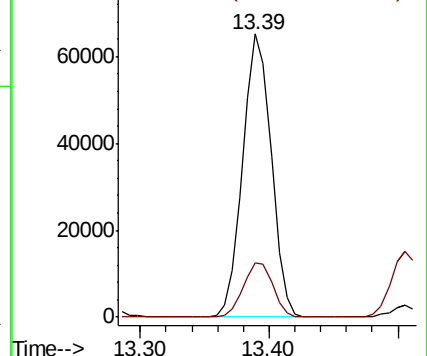
105 100

134 19.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.033 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

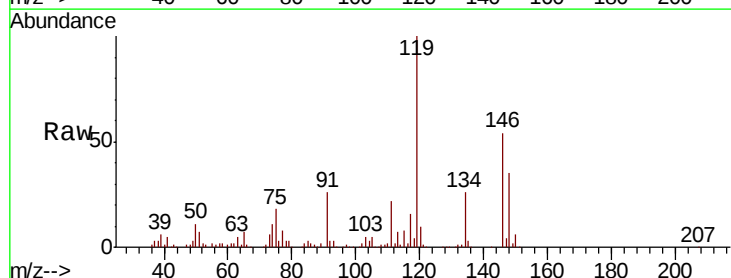
Tgt Ion:119 Resp: 89483

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

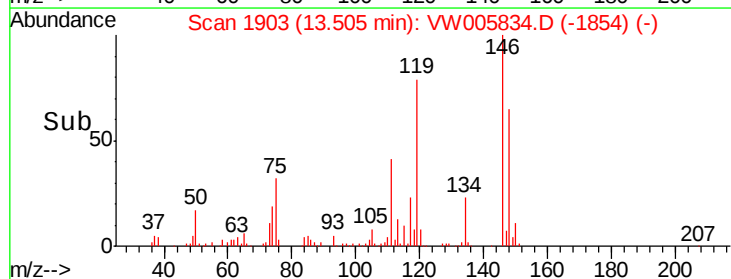
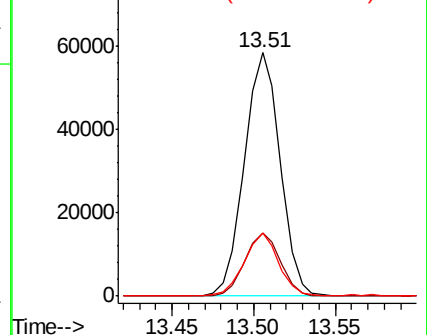
91 25.3 11.9 35.9

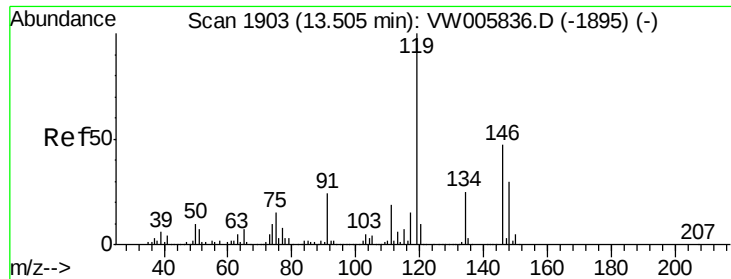


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

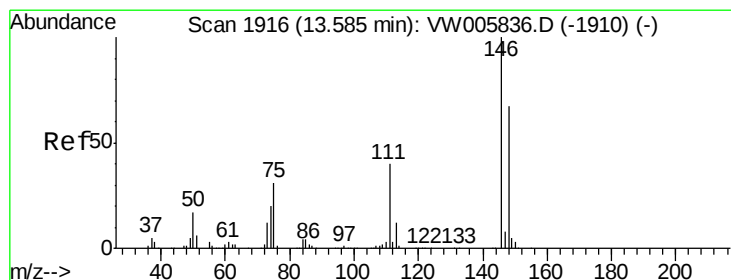
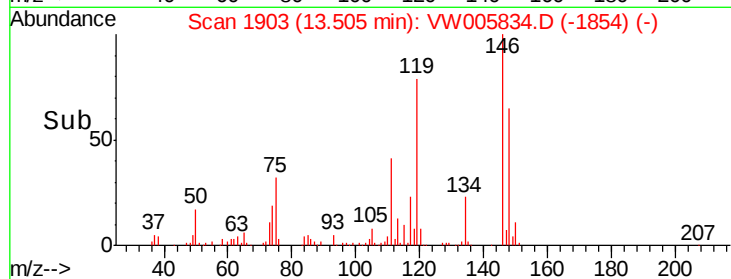
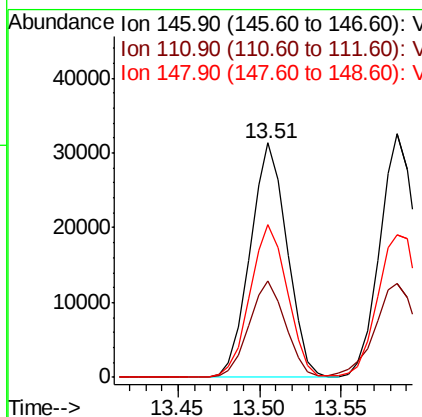
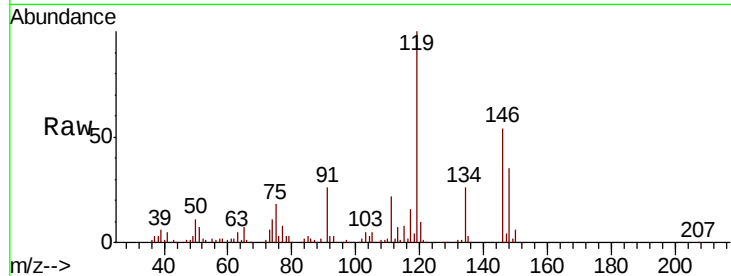




#87
 1,3-Dichlorobenzene
 Concen: 9.812 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

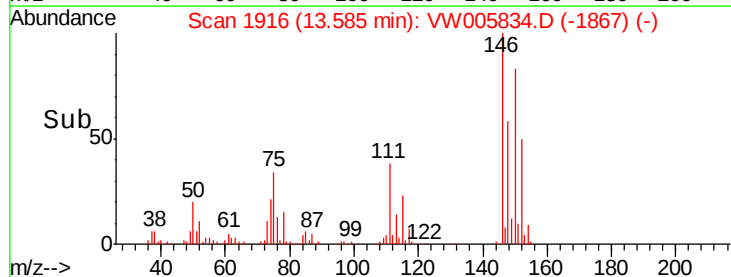
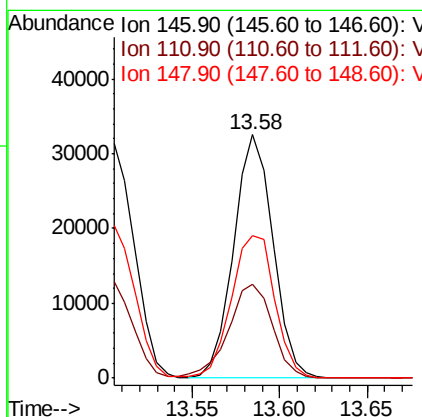
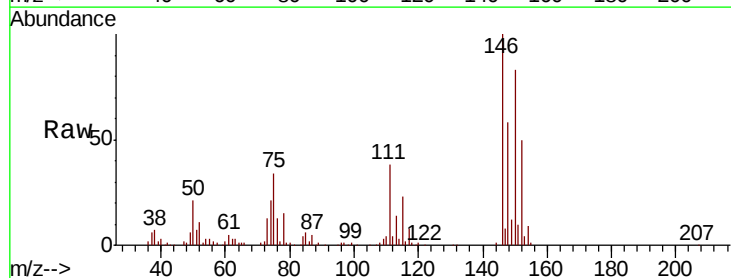
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

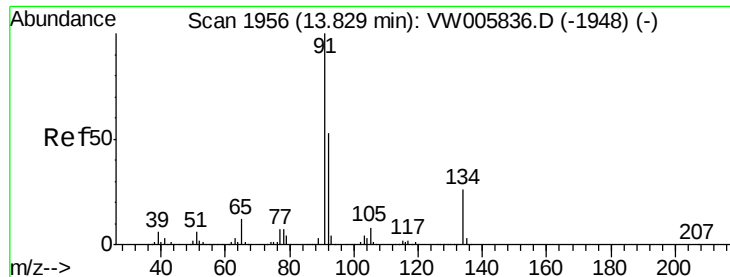
Tgt Ion:146 Resp: 49430
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 65.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 10.190 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion:146 Resp: 50989
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.7 59.1
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 8.897 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

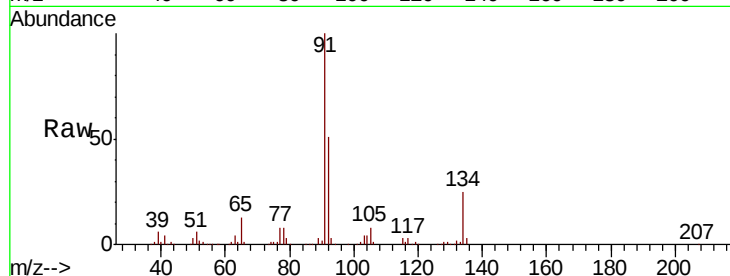
Tgt Ion: 91 Resp: 82642

Ion Ratio Lower Upper

91 100

92 50.6 26.2 78.5

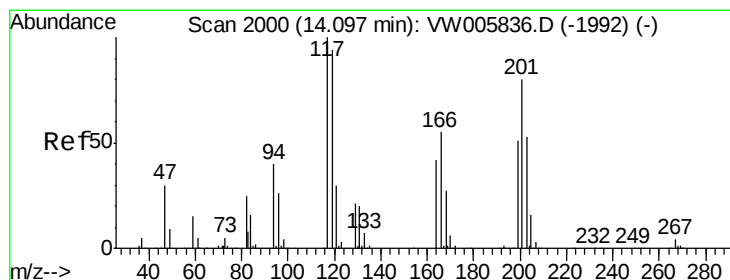
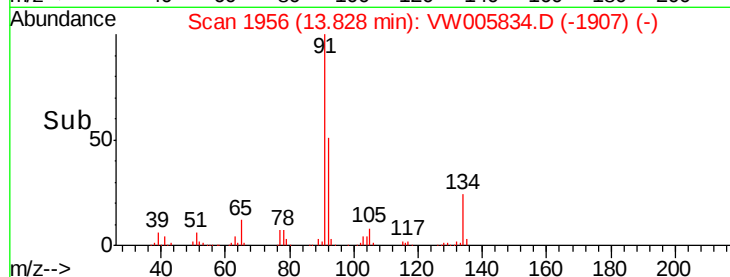
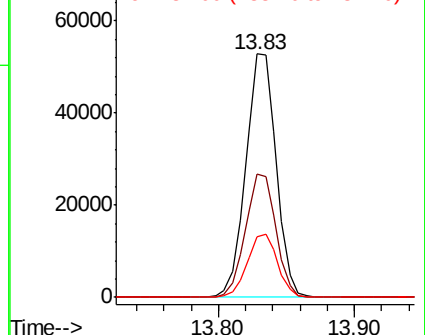
134 25.7 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.881 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005834.D

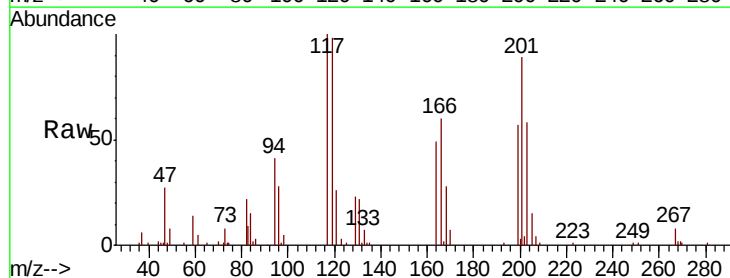
Acq: 04 Oct 2018 03:37

Tgt Ion: 117 Resp: 17752

Ion Ratio Lower Upper

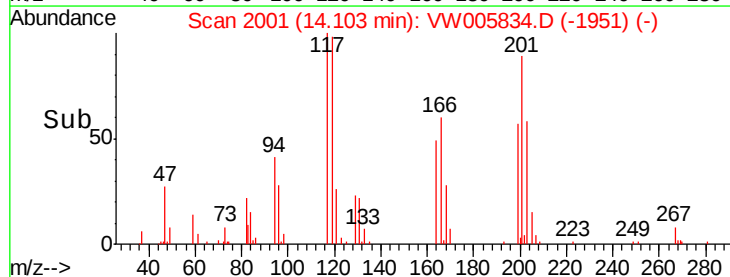
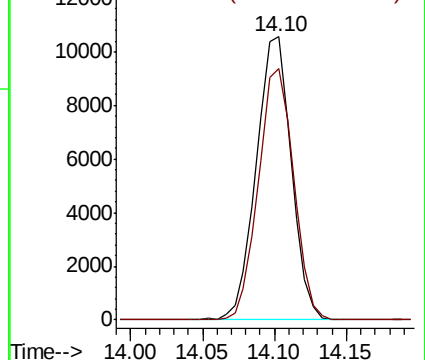
117 100

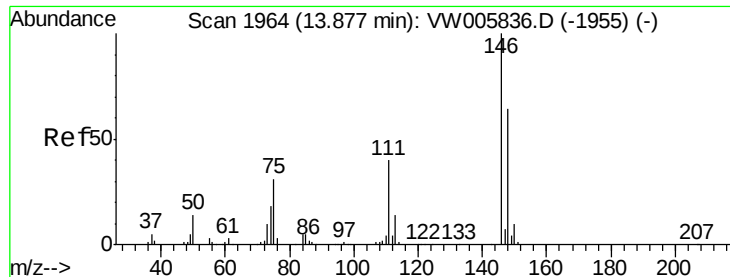
201 89.4 43.7 131.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 10.176 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

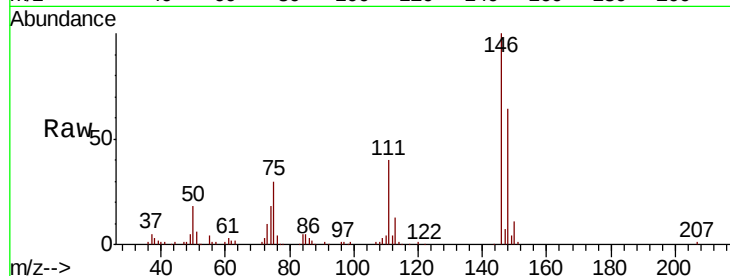
Tgt Ion:146 Resp: 45430

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

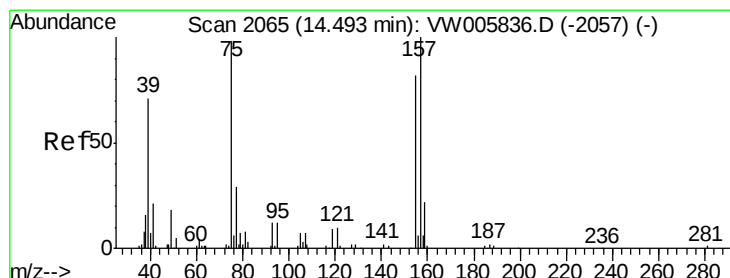
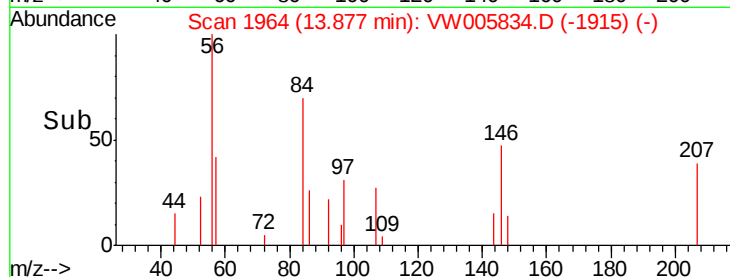
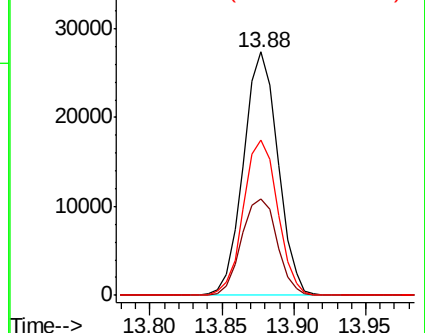
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.283 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

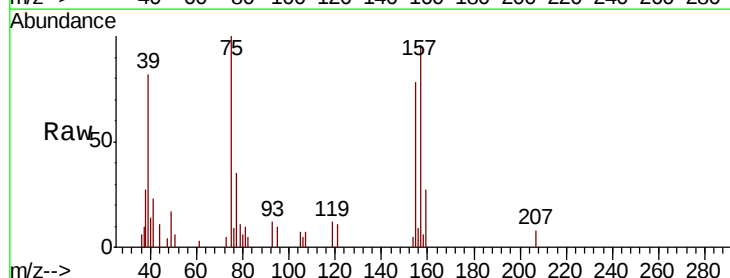
Tgt Ion: 75 Resp: 3136

Ion Ratio Lower Upper

75 100

155 77.7 41.3 123.9

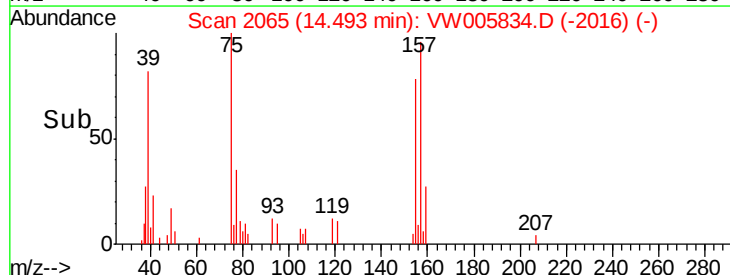
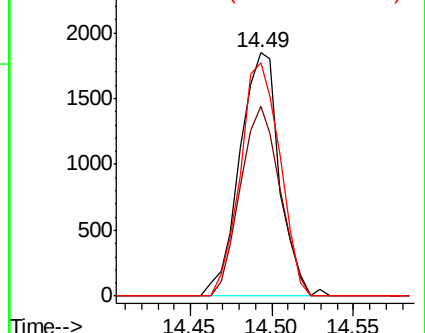
157 95.6 51.9 155.7

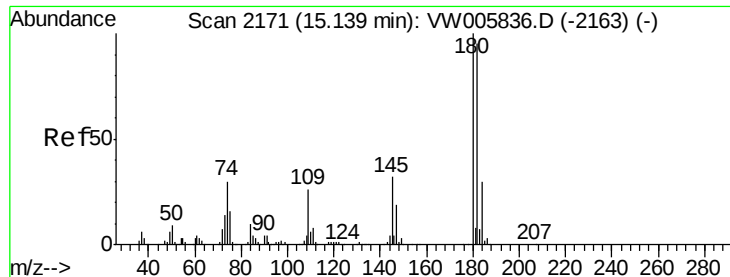


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

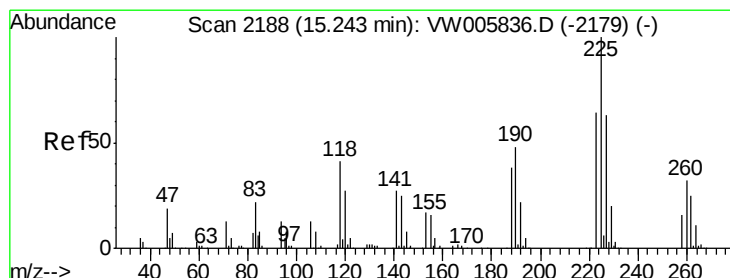
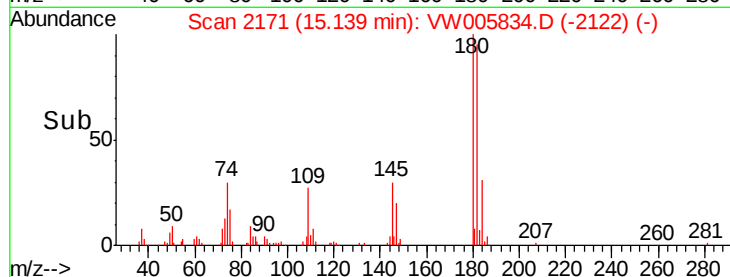
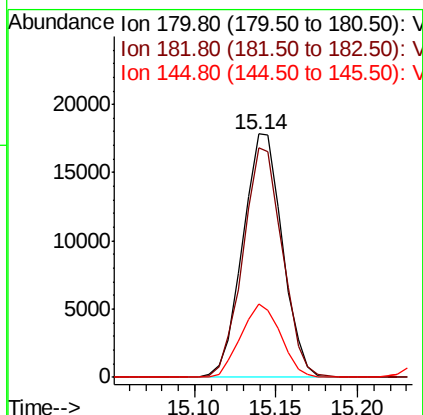
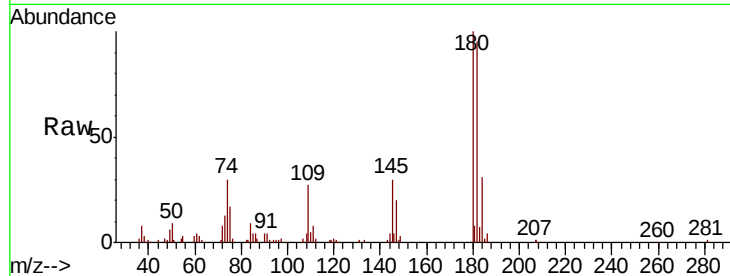




#93
 1,2,4-Trichlorobenzene
 Concen: 9.561 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

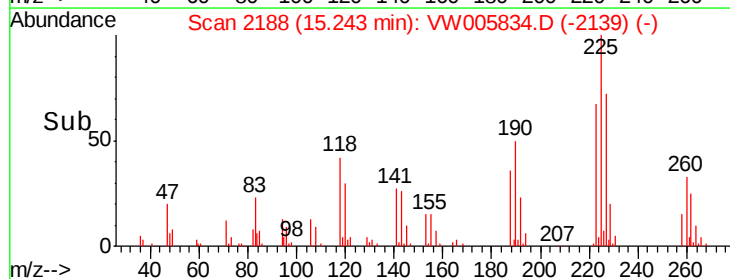
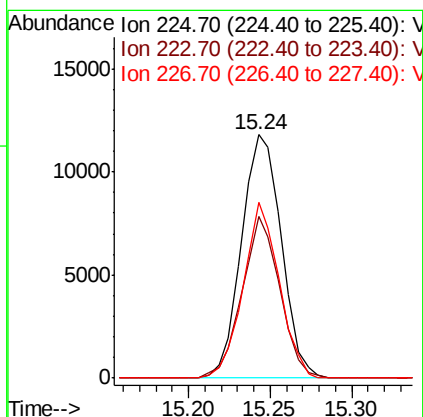
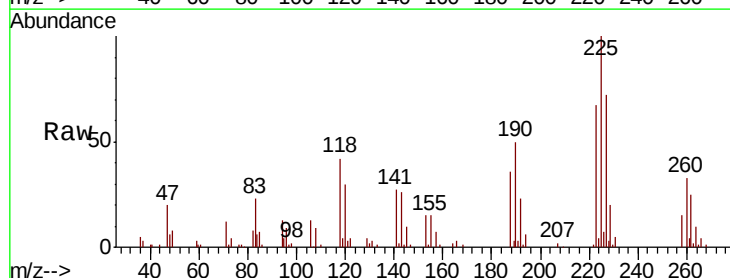
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

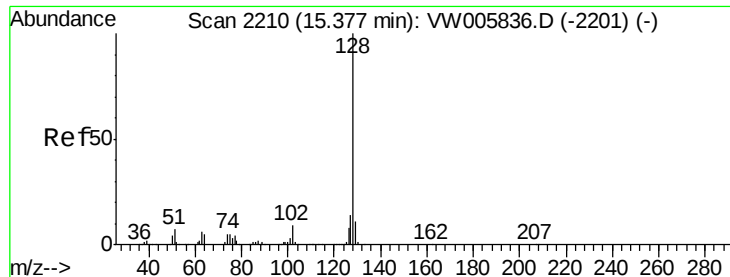
Tgt Ion:180 Resp: 30299
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.8
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 9.817 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion:225 Resp: 20047
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 65.4 31.7 95.1

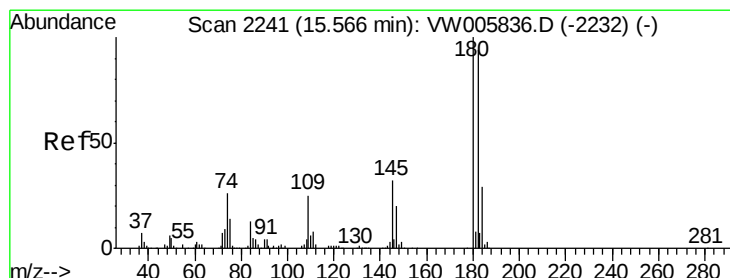
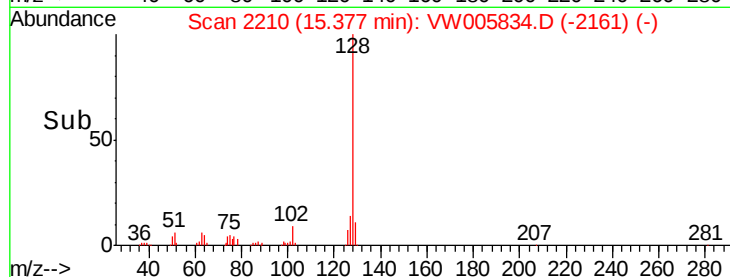
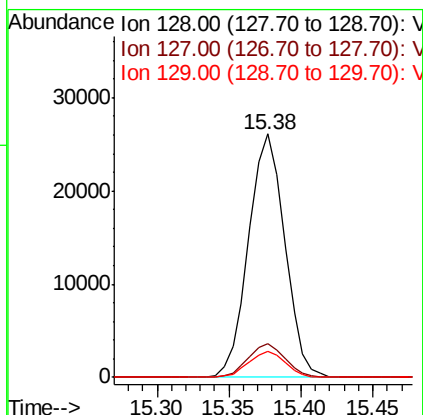
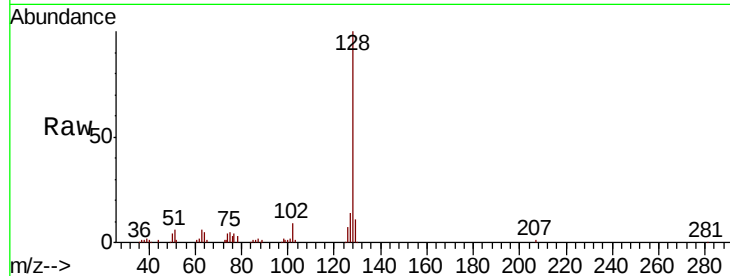




#95
Naphthalene
Concen: 8.449 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 45581
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 9.519 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:180 Resp: 26730
Ion Ratio Lower Upper
180 100
182 96.5 47.3 142.0
145 31.9 16.1 48.2

