

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007171.D
 Acq On : 04 Dec 2018 00:27
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 04 03:47:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11432	10.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.46%	
35) Dibromofluoromethane	7.88	113	10016	9.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.62%	
50) Toluene-d8	10.33	98	44573	9.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.90%	
62) 4-Bromofluorobenzene	12.62	95	18272	10.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	13800	12.342	ug/l	96
3) Chloromethane	2.21	50	21056	20.224	ug/l	100
4) Vinyl Chloride	2.35	62	10532	11.521	ug/l	93
5) Bromomethane	2.75	94	4013	8.601	ug/l	94
6) Chloroethane	2.90	64	6073	12.031	ug/l	92
7) Trichlorofluoromethane	3.26	101	19203	10.603	ug/l	100
8) Diethyl Ether	3.68	74	6088	10.385	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11686	9.978	ug/l	100
10) Methyl Iodide	4.27	142	5366	4.392	ug/l	98
11) Tert butyl alcohol	5.14	59	9884	126.673	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	10919	10.553	ug/l	88
13) Acrolein	3.89	56	4317	57.093	ug/l	99
14) Allyl chloride	4.67	41	18042	10.496	ug/l	99
15) Acrylonitrile	5.37	53	13861	62.435	ug/l	99
16) Acetone	4.12	43	12534	73.996	ug/l #	87
17) Carbon Disulfide	4.38	76	37952	11.234	ug/l	97
18) Methyl Acetate	4.67	43	7593	12.990	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	30785	11.451	ug/l	94
20) Methylene Chloride	4.92	84	15281	9.505	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	12793	10.587	ug/l	92
22) Diisopropyl ether	6.32	45	34577	10.381	ug/l	95
23) Vinyl Acetate	6.26	43	100116	56.706	ug/l	99
24) 1,1-Dichloroethane	6.22	63	21227	10.446	ug/l	99
25) 2-Butanone	7.18	43	17349	62.184	ug/l	98
26) 2,2-Dichloropropane	7.16	77	18223	10.016	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	13571	10.515	ug/l	96
28) Bromochloromethane	7.51	49	8207	10.841	ug/l	99
29) Tetrahydrofuran	7.54	42	11618	64.410	ug/l	98
30) Chloroform	7.68	83	22130	10.241	ug/l	97
31) Cyclohexane	7.95	56	22475	10.576	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	20435	10.514	ug/l	98
36) 1,1-Dichloropropene	8.09	75	17300	9.892	ug/l	99
37) Ethyl Acetate	7.26	43	8102	12.644	ug/l	99
38) Carbon Tetrachloride	8.07	117	17211	10.223	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22707	10.365	ug/l	97
40) Benzene	8.32	78	50031	10.528	ug/l	95
41) Methacrylonitrile	7.49	41	4849	12.069	ug/l	96
42) 1,2-Dichloroethane	8.40	62	15028	10.902	ug/l	99
43) Isopropyl Acetate	8.43	43	14937	12.165	ug/l	99
44) Trichloroethene	9.09	130	14141	10.609	ug/l	86
45) 1,2-Dichloropropane	9.37	63	12258	10.522	ug/l	97
46) Dibromomethane	9.46	93	6727	11.384	ug/l	99
47) Bromodichloromethane	9.65	83	16842	10.874	ug/l	99
48) Methyl methacrylate	9.44	41	7263	12.312	ug/l	99
49) 1,4-Dioxane	9.45	88	2539	282.291	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	37201	60.296	ug/l	99
52) Toluene	10.39	92	34951	10.808	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	16727	11.120	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	19542	10.843	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	9653	11.169	ug/l	94
56) Ethyl methacrylate	10.65	69	12984	12.756	ug/l	99
57) 1,3-Dichloropropane	10.93	76	16212	11.189	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	24970	48.479	ug/l	96
59) 2-Hexanone	10.97	43	26450	62.795	ug/l	99
60) Dibromochloromethane	11.13	129	11490	11.579	ug/l	99
61) 1,2-Dibromoethane	11.24	107	9507	11.911	ug/l	97
64) Tetrachloroethene	10.87	164	12809	11.221	ug/l	92
65) Chlorobenzene	11.66	112	38905	10.638	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	11830	10.553	ug/l	94
67) Ethyl Benzene	11.73	91	70346	10.490	ug/l	100
68) m/p-Xylenes	11.84	106	56064	21.294	ug/l	99
69) o-Xylene	12.17	106	27173	10.952	ug/l	100
70) Styrene	12.18	104	43901	11.081	ug/l	99
71) Bromoform	12.35	173	6232	11.689	ug/l #	98
73) Isopropylbenzene	12.47	105	71277	10.339	ug/l	99
74) N-amyl acetate	12.27	43	14926	12.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	11260	12.108	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15131	20.794	ug/l	23
77) Bromobenzene	12.75	156	16250	10.946	ug/l	96
78) n-propylbenzene	12.81	91	85488	10.262	ug/l	98
79) 2-Chlorotoluene	12.90	91	48786	10.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	60759	10.193	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3398	11.988	ug/l	95
82) 4-Chlorotoluene	12.99	91	53913	10.689	ug/l	99
83) tert-Butylbenzene	13.21	119	53936	10.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	63900	10.746	ug/l	99
85) sec-Butylbenzene	13.39	105	74097	10.179	ug/l	97
86) p-Isopropyltoluene	13.50	119	67143	10.442	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	33252	10.999	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	32930	10.866	ug/l	98
89) n-Butylbenzene	13.83	91	63652	10.538	ug/l	97
90) Hexachloroethane	14.10	117	9958	10.476	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	29381	11.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1926	12.048	ug/l	88

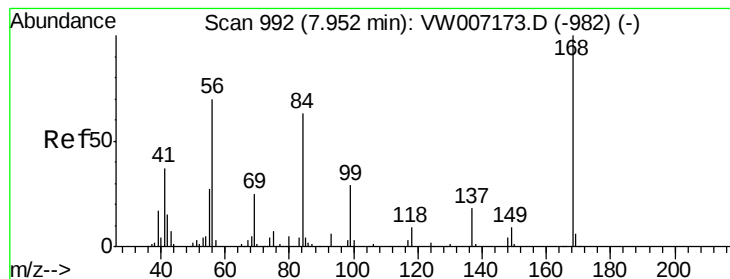
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	19690	11.152	ug/l	98
94) Hexachlorobutadiene	15.24	225	9922	10.480	ug/l	98
95) Naphthalene	15.38	128	38770	12.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	16682	11.392	ug/l	99

(#) = 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: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

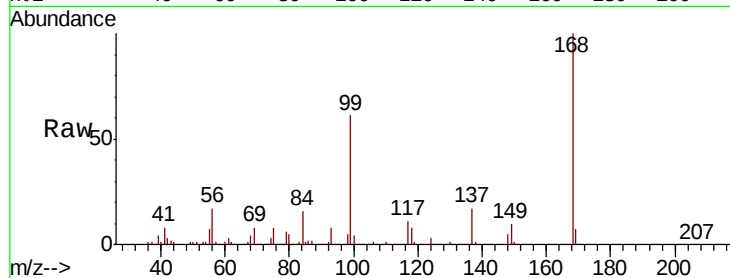
VSTDIC010

Tgt Ion:168 Resp: 114563

Ion Ratio Lower Upper

168 100

99 61.0 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

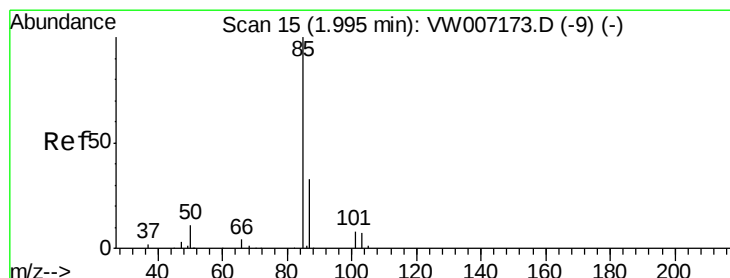
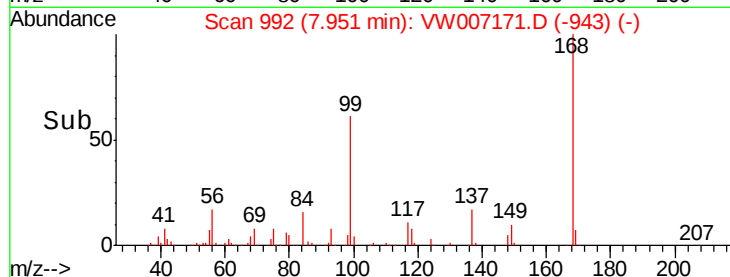
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 12.342 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW007171.D

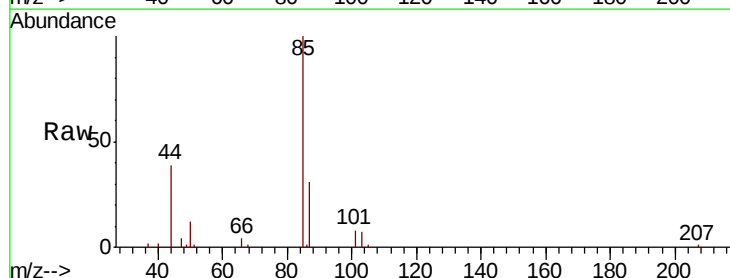
Acq: 04 Dec 2018 00:27

Tgt Ion: 85 Resp: 13800

Ion Ratio Lower Upper

85 100

87 31.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

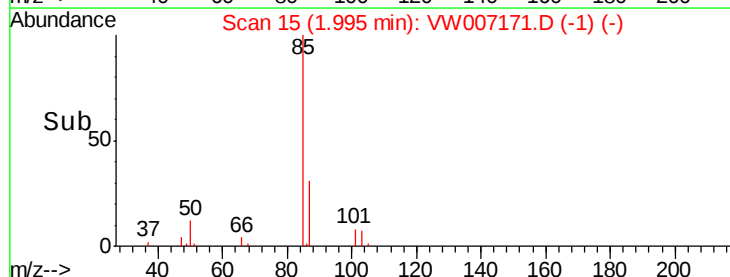
6000

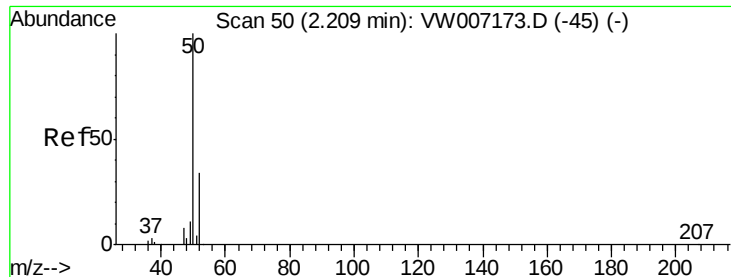
4000

2000

0

Time--> 1.95 2.00 2.05





#3

Chloromethane

Concen: 20.224 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

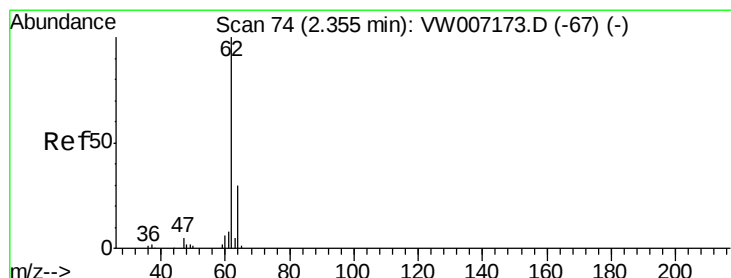
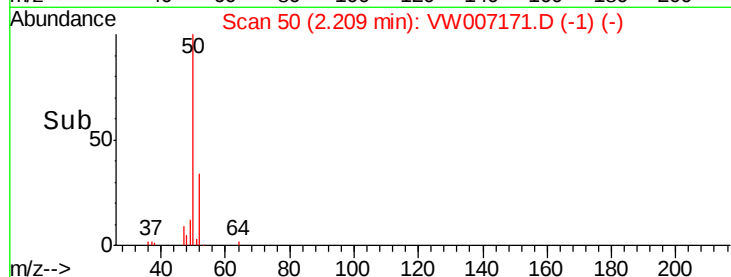
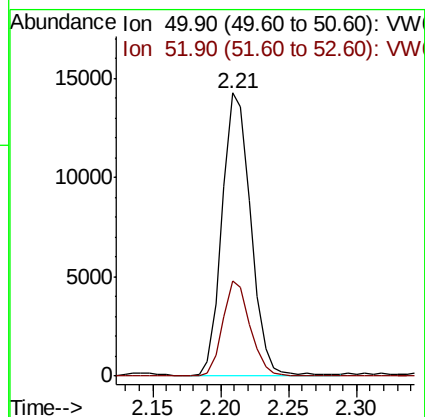
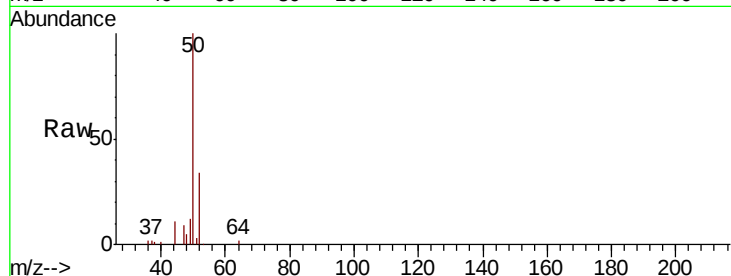
VSTDIC010

Tgt Ion: 50 Resp: 21056

Ion Ratio Lower Upper

50 100

52 33.7 26.9 40.3



#4

Vinyl Chloride

Concen: 11.521 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW007171.D

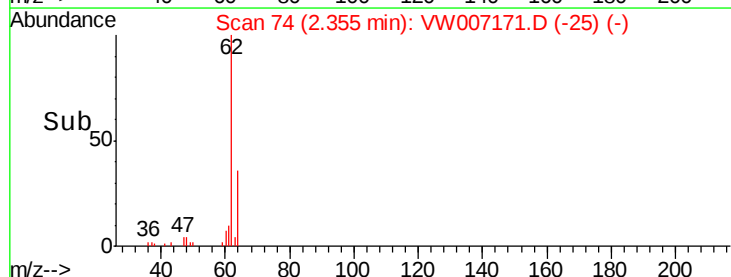
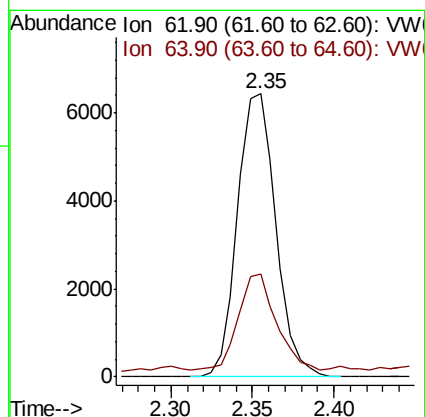
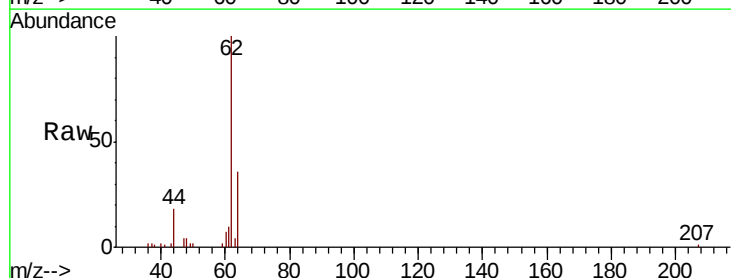
Acq: 04 Dec 2018 00:27

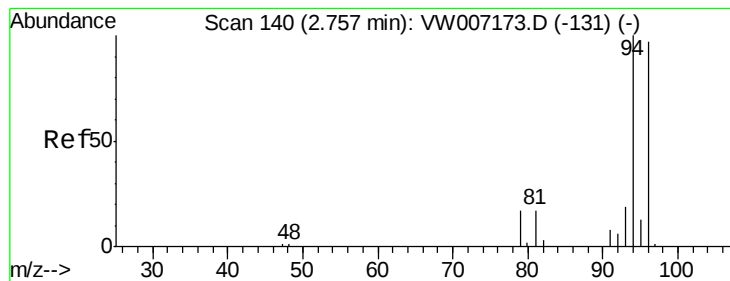
Tgt Ion: 62 Resp: 10532

Ion Ratio Lower Upper

62 100

64 34.0 24.3 36.5





#5

Bromomethane

Concen: 8.601 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

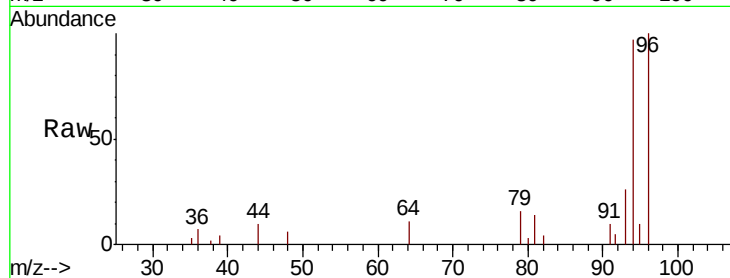
VSTDIC010

Tgt Ion: 94 Resp: 4013

Ion Ratio Lower Upper

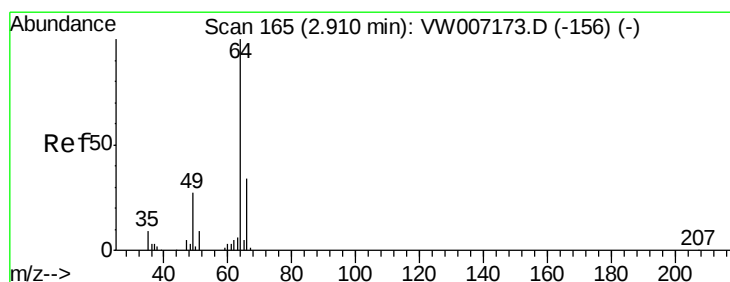
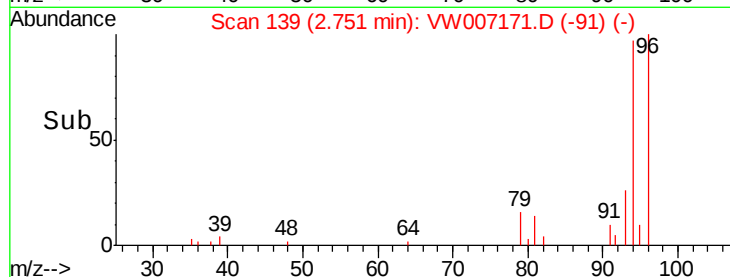
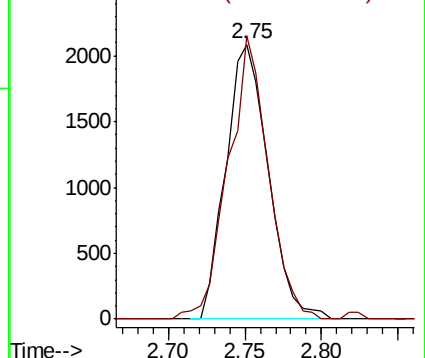
94 100

96 102.9 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 12.031 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007171.D

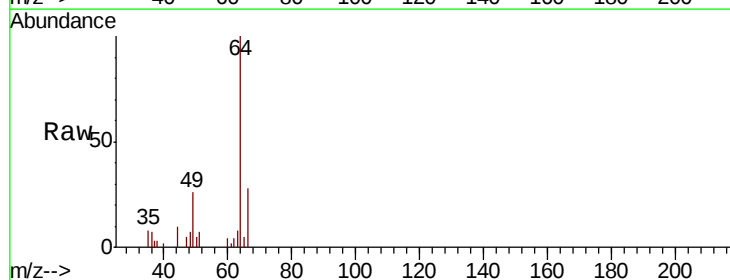
Acq: 04 Dec 2018 00:27

Tgt Ion: 64 Resp: 6073

Ion Ratio Lower Upper

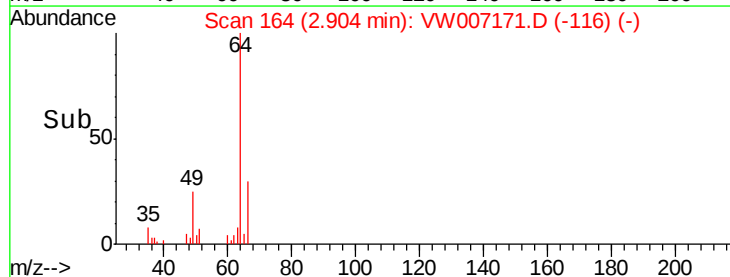
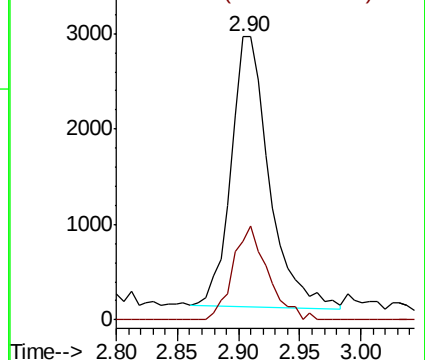
64 100

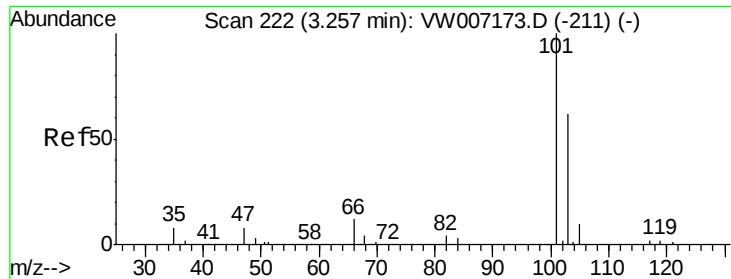
66 29.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



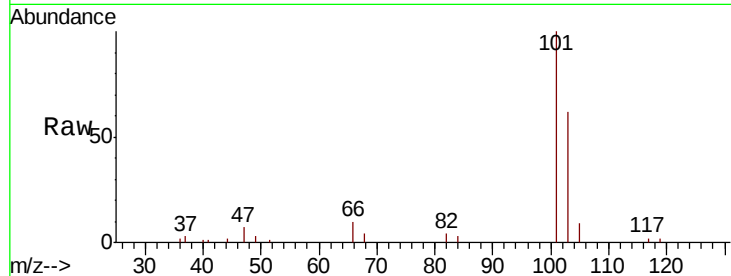


#7

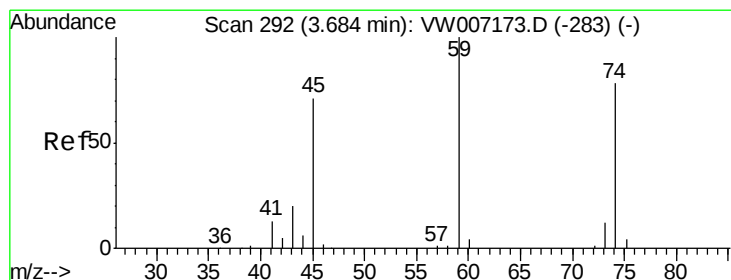
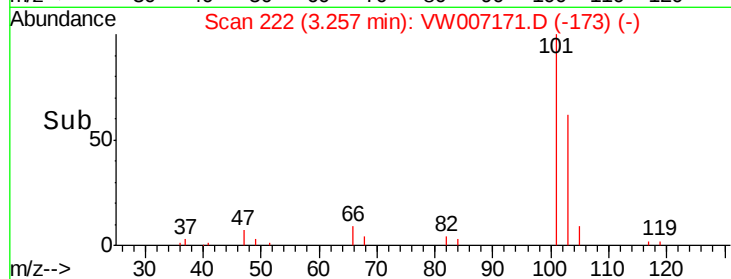
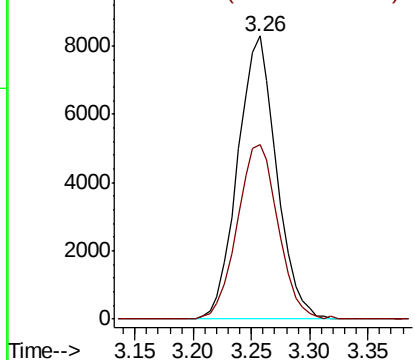
Trichlorofluoromethane
 Concen: 10.603 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
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Tgt Ion: 101 Resp: 19203
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.6 74.4



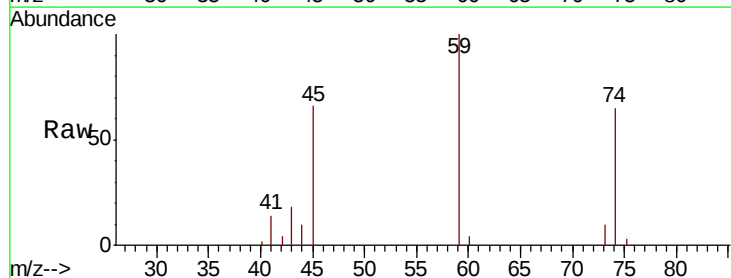
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



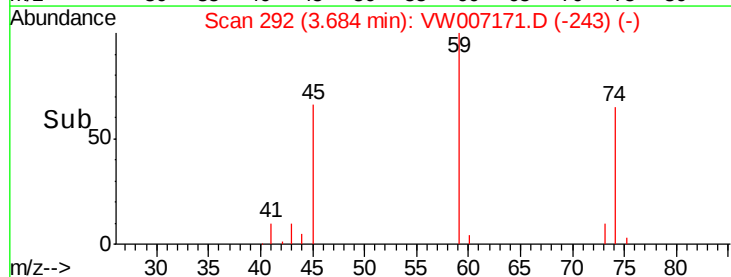
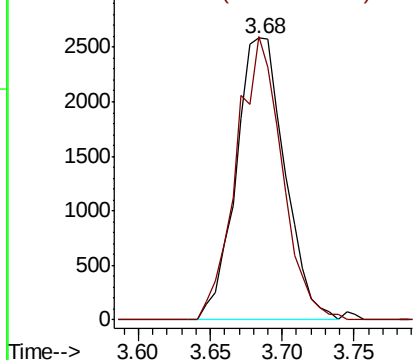
#8

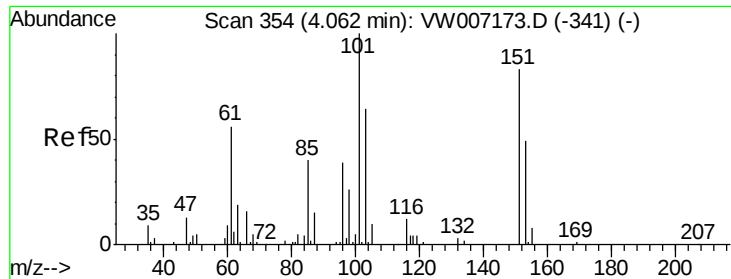
Diethyl Ether
 Concen: 10.385 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 74 Resp: 6088
 Ion Ratio Lower Upper
 74 100
 45 94.0 45.6 136.7



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: 9.978 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

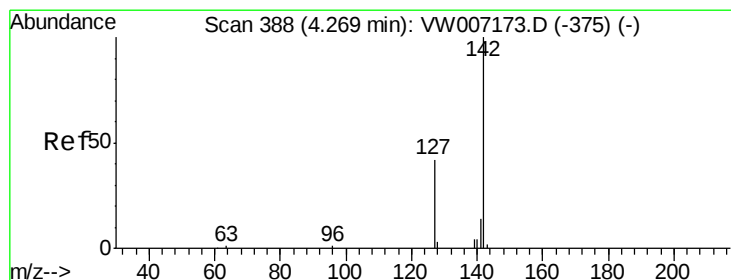
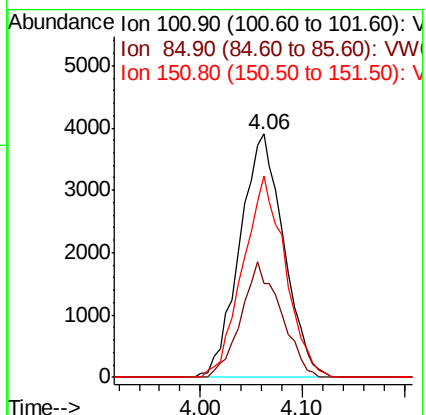
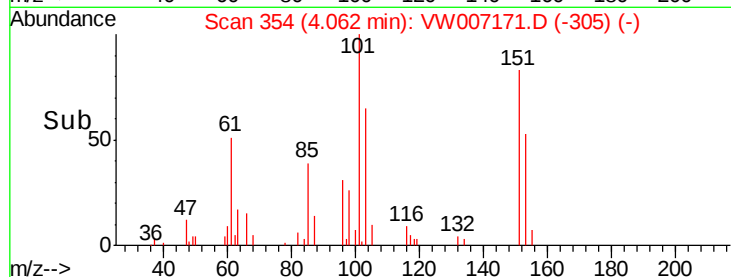
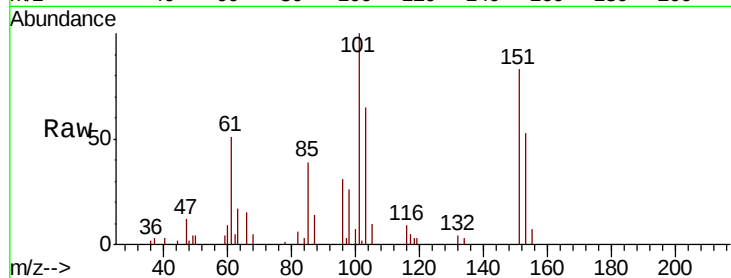
Tgt Ion:101 Resp: 11686

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

151 79.8 63.8 95.6



#10

Methyl Iodide

Concen: 4.392 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

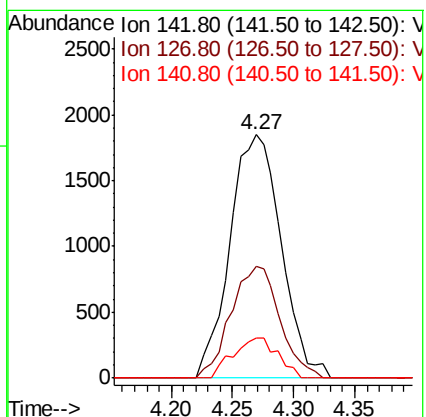
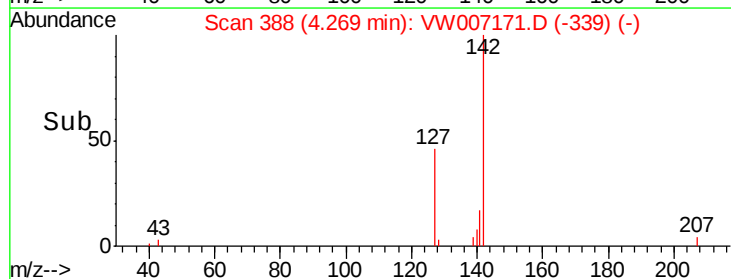
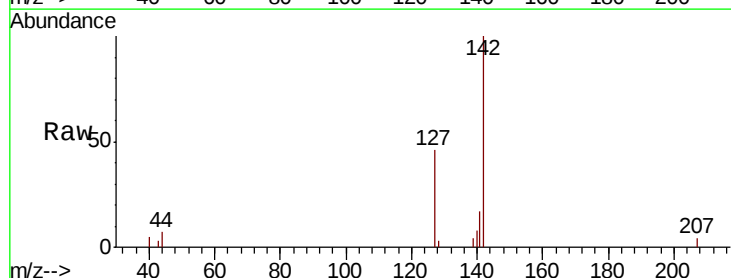
Tgt Ion:142 Resp: 5366

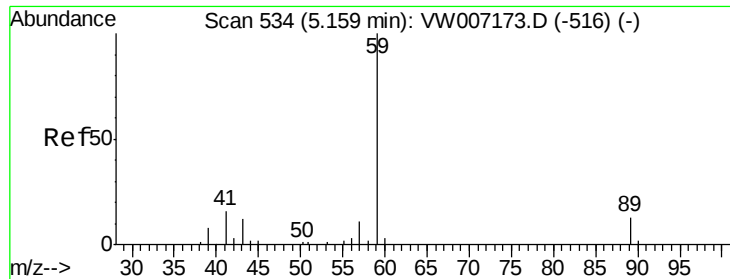
Ion Ratio Lower Upper

142 100

127 43.9 33.8 50.8

141 14.5 11.7 17.5

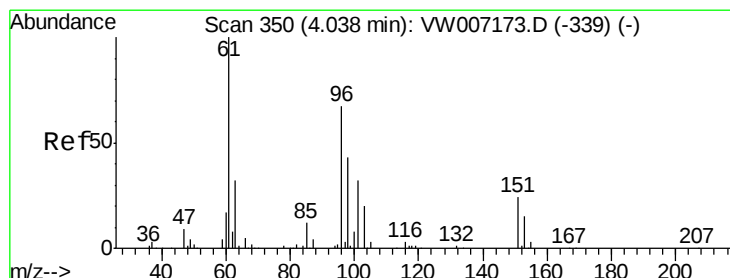
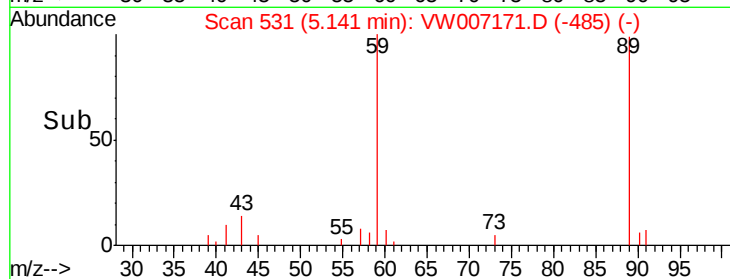
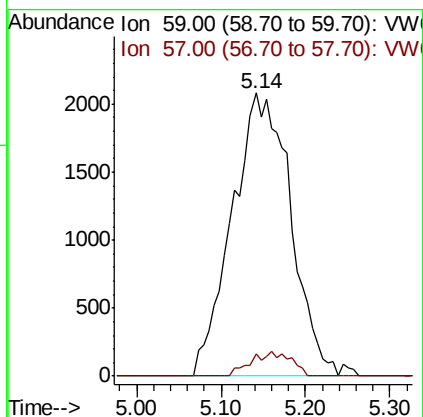
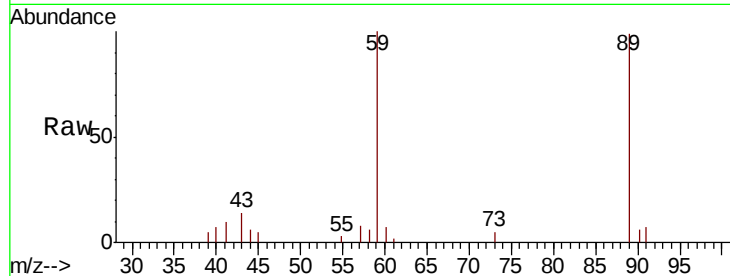




#11
Tert butyl alcohol
Concen: 126.673 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

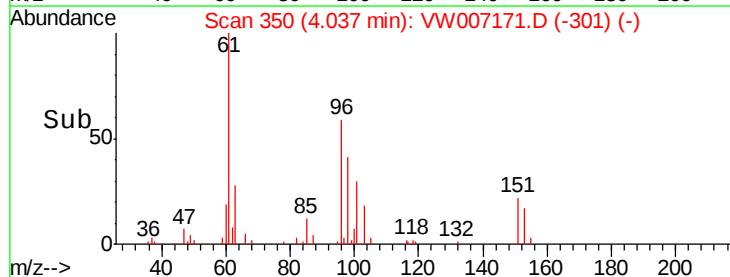
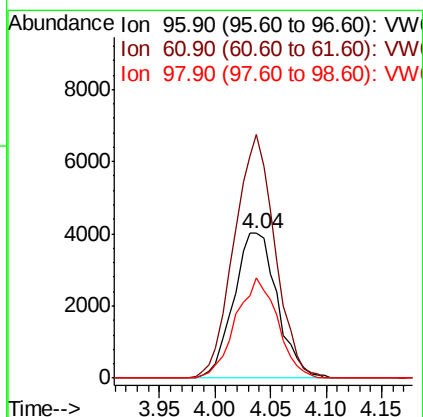
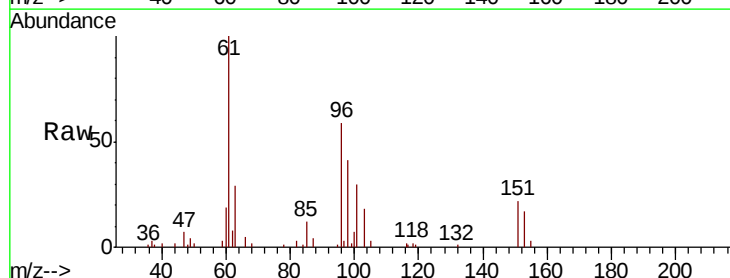
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

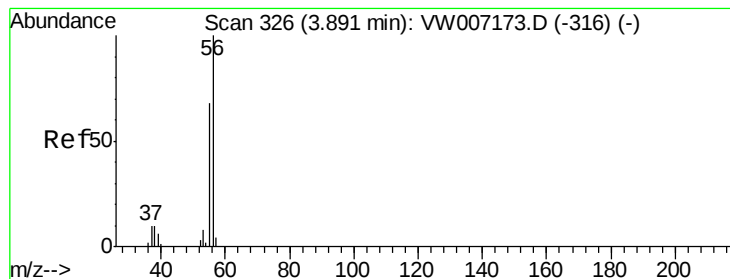
Tgt Ion: 59 Resp: 9884
Ion Ratio Lower Upper
59 100
57 5.9 7.0 10.4#



#12
1,1-Dichloroethene
Concen: 10.553 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 96 Resp: 10919
Ion Ratio Lower Upper
96 100
61 168.1 119.4 179.2
98 68.8 51.0 76.6





#13

Acrolein

Concen: 57.093 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

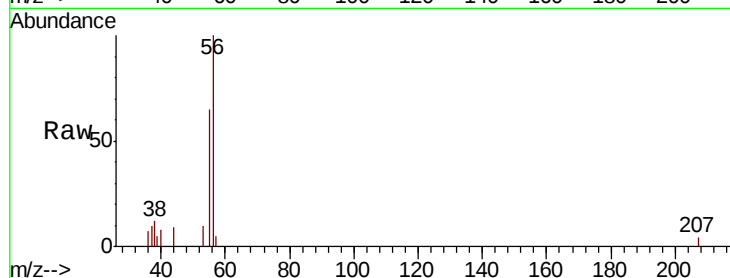
VSTDIC010

Tgt Ion: 56 Resp: 4317

Ion Ratio Lower Upper

56 100

55 69.1 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

2000

1500

1000

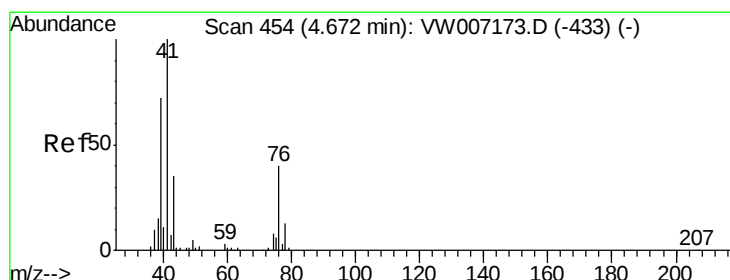
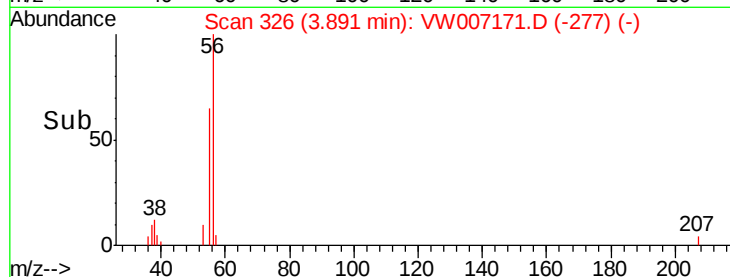
500

0

3.89

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 10.496 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

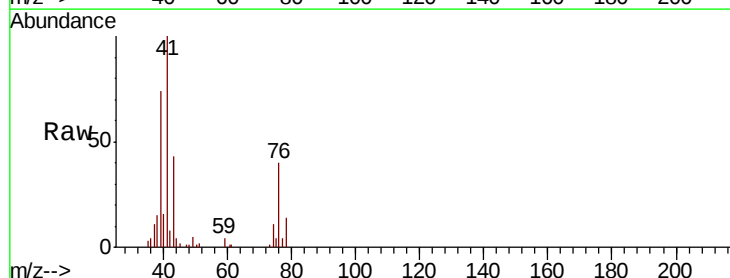
Tgt Ion: 41 Resp: 18042

Ion Ratio Lower Upper

41 100

39 68.3 55.1 82.7

76 38.1 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

6000

4000

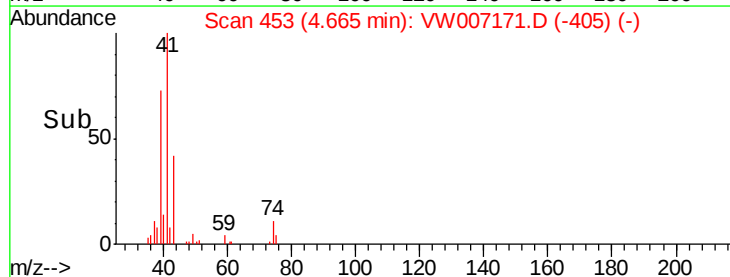
2000

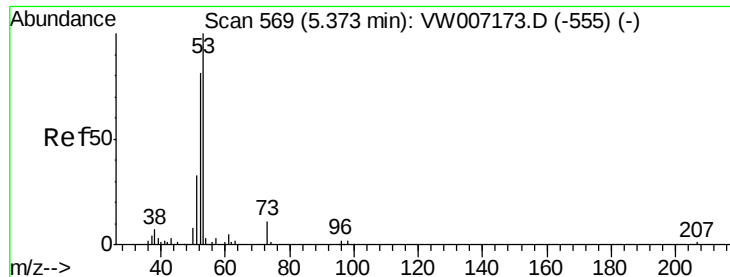
0

4.67

4.50 4.60 4.70 4.80

Time-->

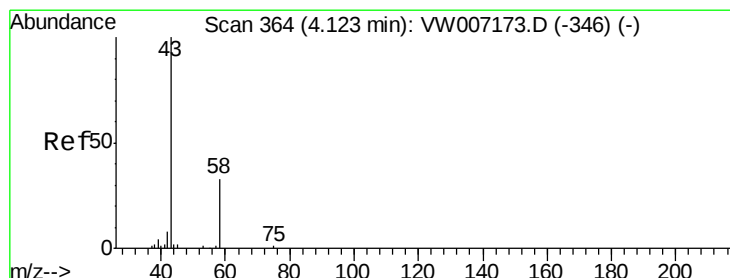
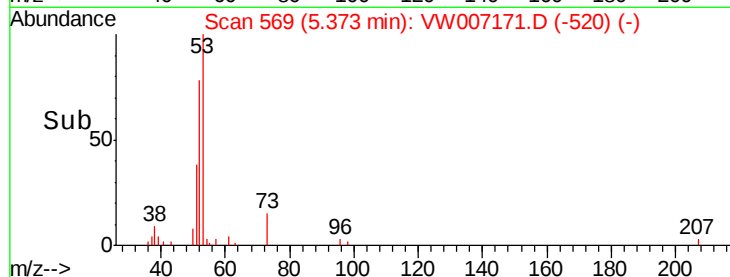
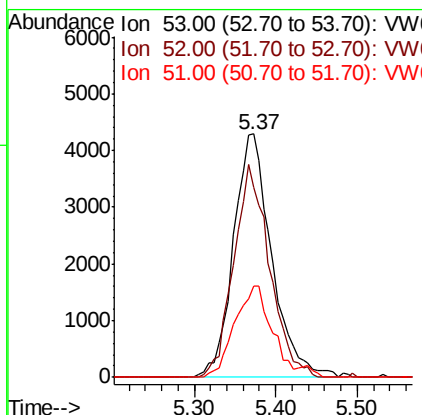
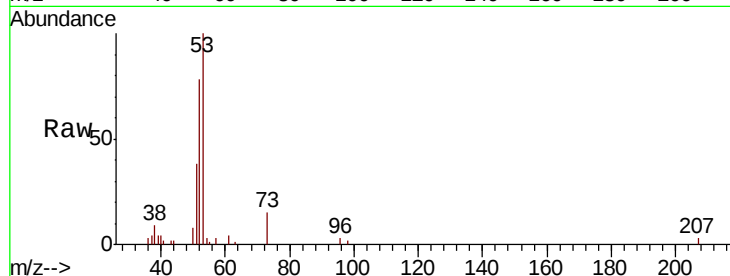




#15
 Acrylonitrile
 Concen: 62.435 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

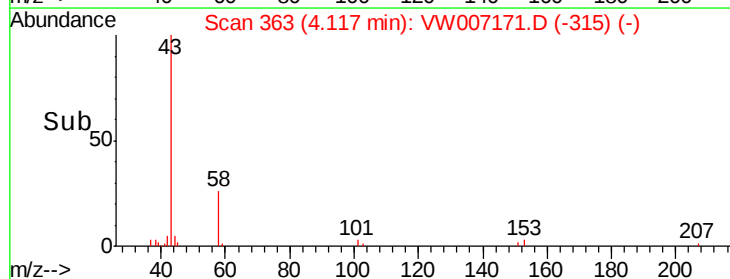
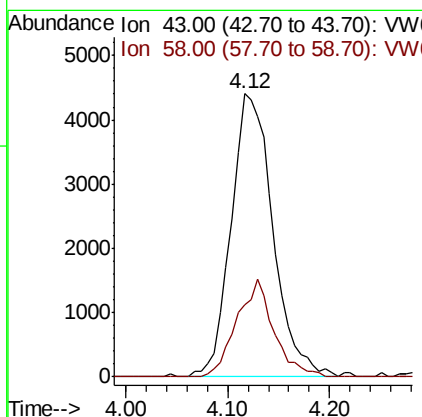
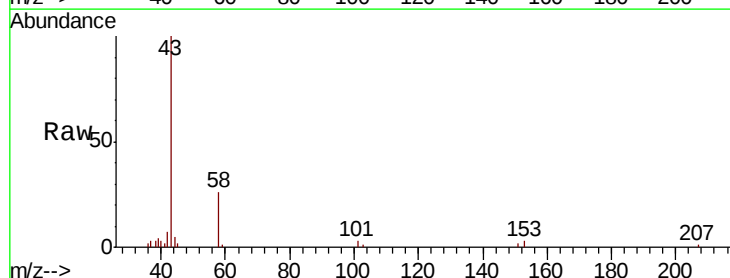
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

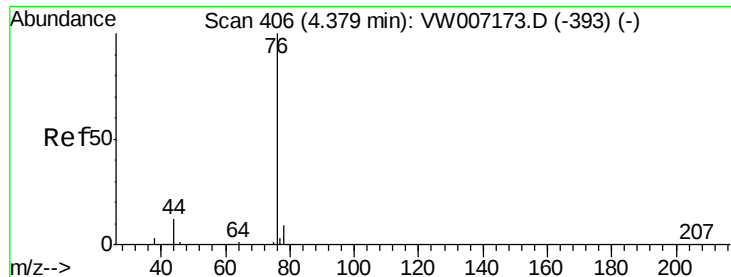
Tgt Ion: 53 Resp: 13861
 Ion Ratio Lower Upper
 53 100
 52 82.4 65.2 97.8
 51 36.5 29.2 43.8



#16
 Acetone
 Concen: 73.996 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 43 Resp: 12534
 Ion Ratio Lower Upper
 43 100
 58 25.6 26.5 39.7#

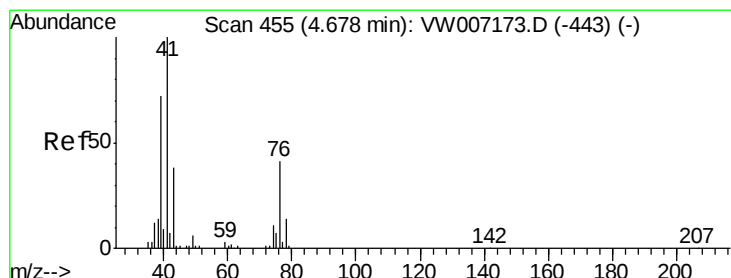
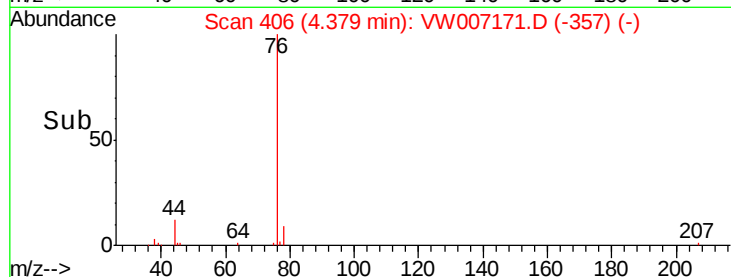
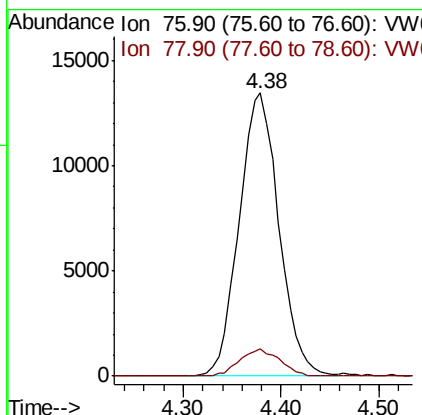
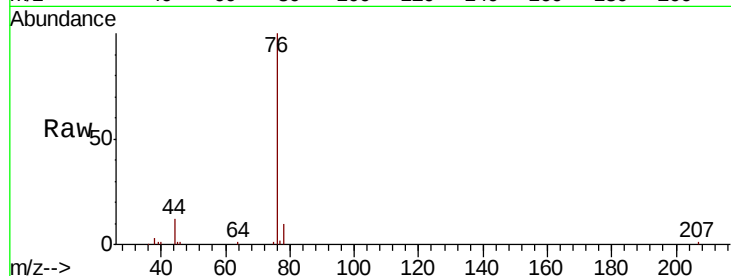




#17
Carbon Disulfide
Concen: 11.234 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

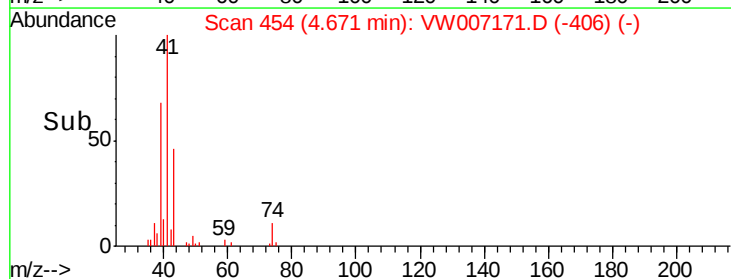
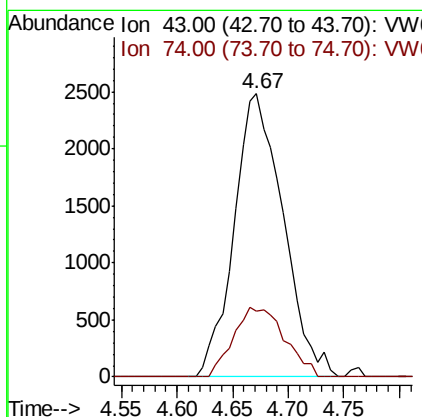
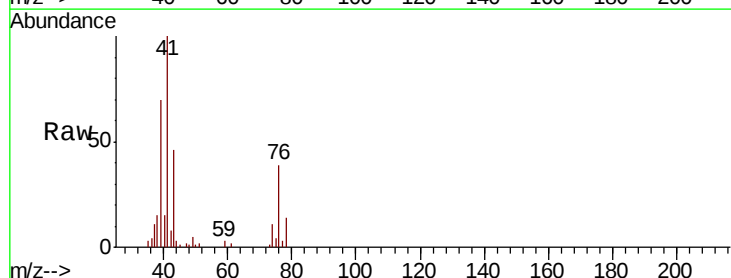
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

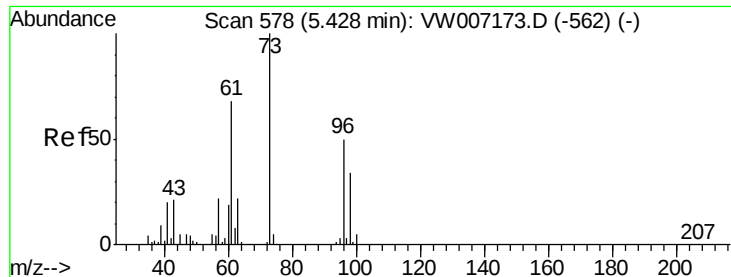
Tgt Ion: 76 Resp: 37952
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 12.990 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 43 Resp: 7593
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4

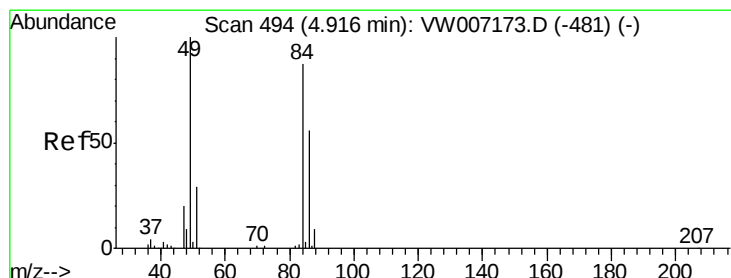
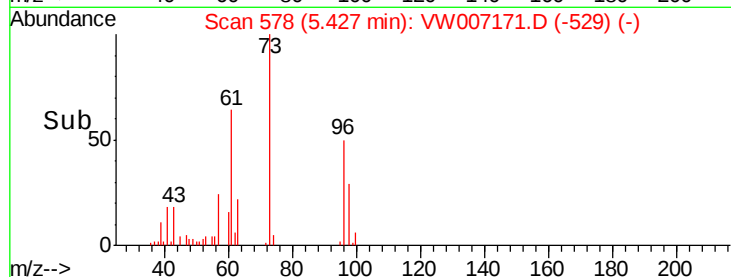
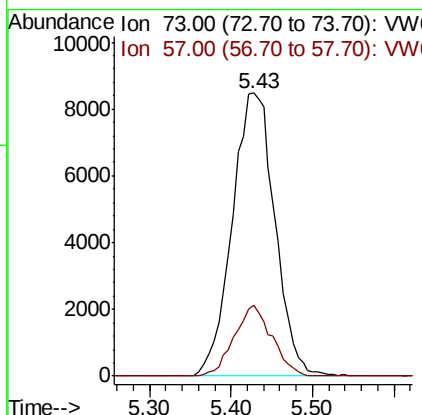
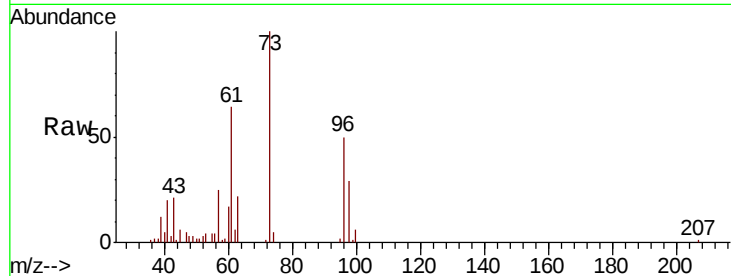




#19
Methyl tert-butyl Ether
Concen: 11.451 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

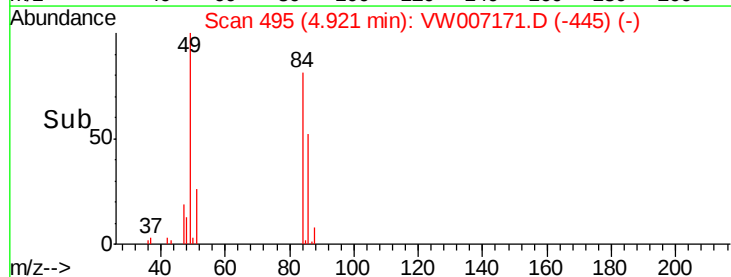
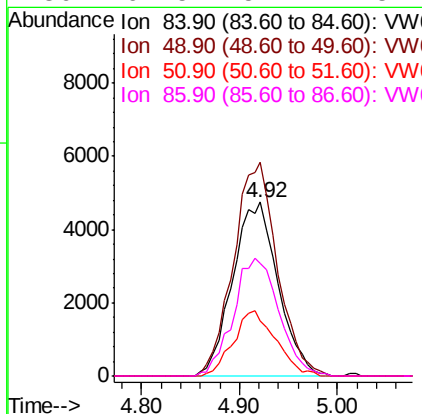
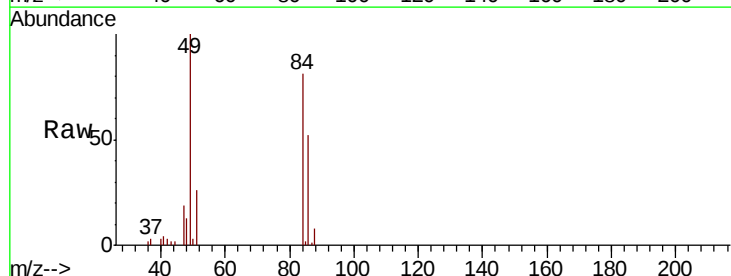
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

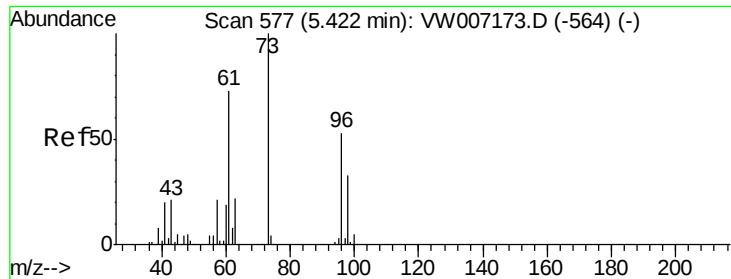
Tgt Ion: 73 Resp: 30785
Ion Ratio Lower Upper
73 100
57 25.1 17.7 26.5



#20
Methylene Chloride
Concen: 9.505 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 84 Resp: 15281
Ion Ratio Lower Upper
84 100
49 123.0 92.5 138.7
51 31.8 27.1 40.7
86 64.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 10.587 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

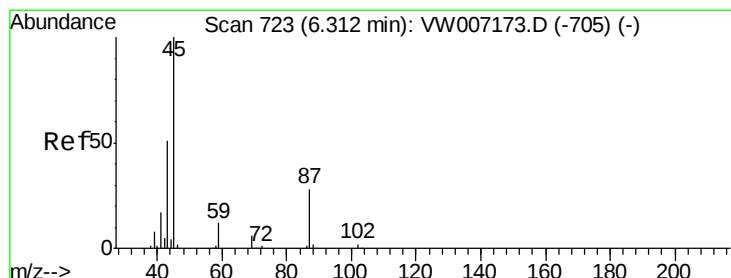
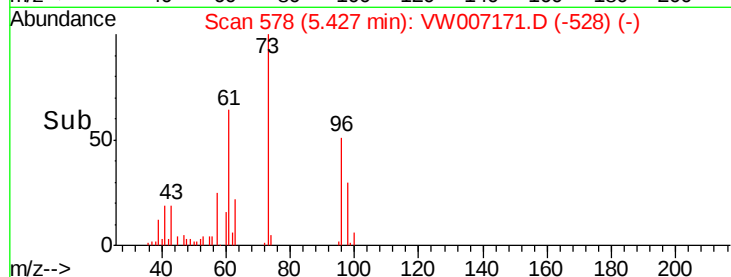
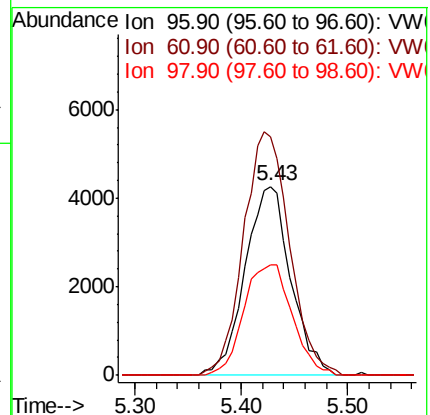
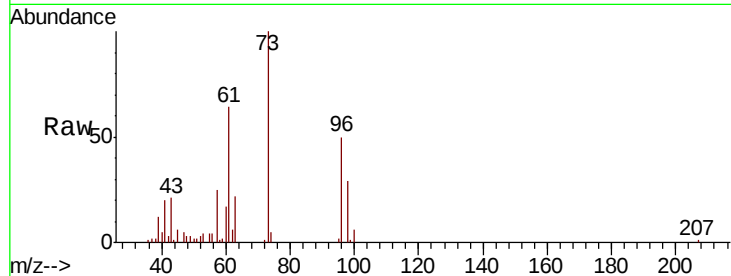
Tgt Ion: 96 Resp: 12793

Ion Ratio Lower Upper

96 100

61 126.4 109.8 164.8

98 58.5 50.0 75.0



#22

Diisopropyl ether

Concen: 10.381 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Tgt Ion: 45 Resp: 34577

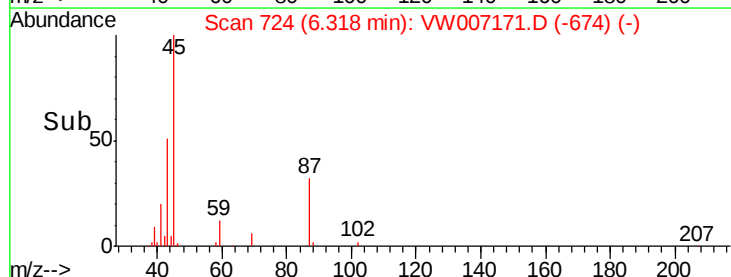
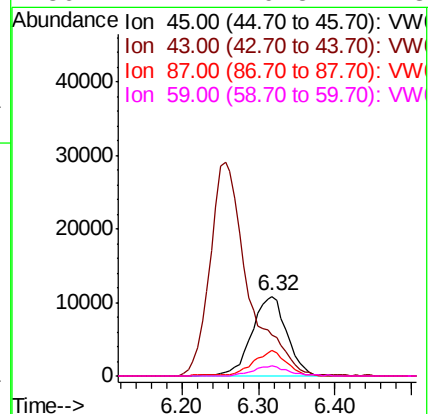
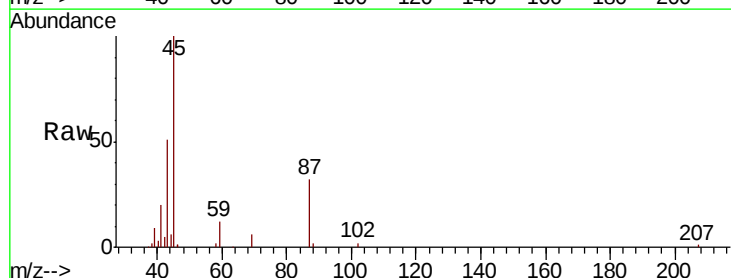
Ion Ratio Lower Upper

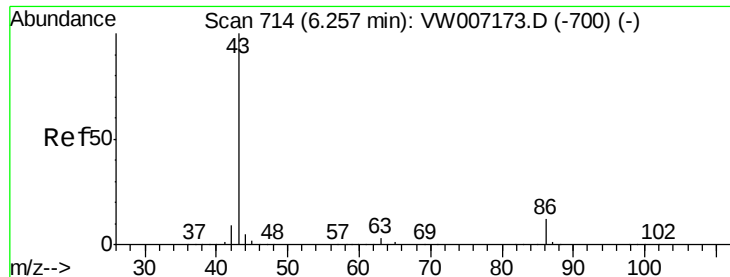
45 100

43 49.9 42.2 63.4

87 32.5 22.8 34.2

59 12.2 9.5 14.3





#23

Vinyl Acetate

Concen: 56.706 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

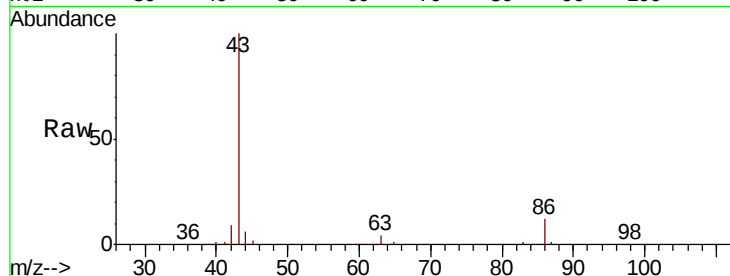
VSTDIC010

Tgt Ion: 43 Resp: 100116

Ion Ratio Lower Upper

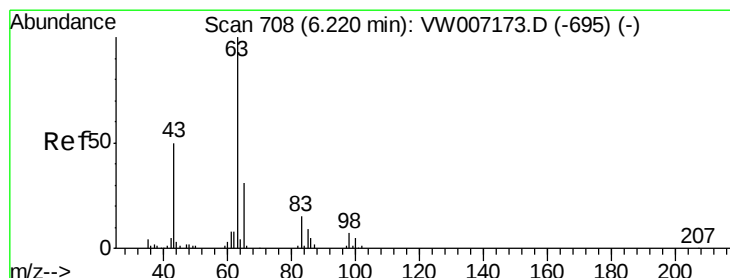
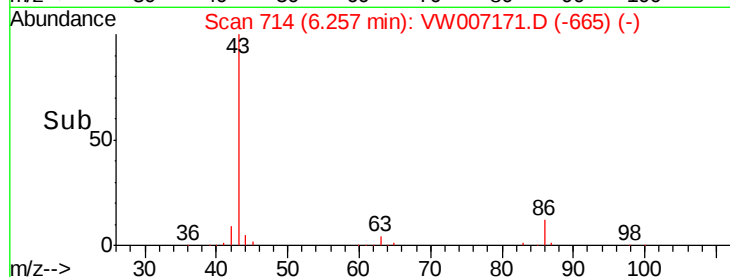
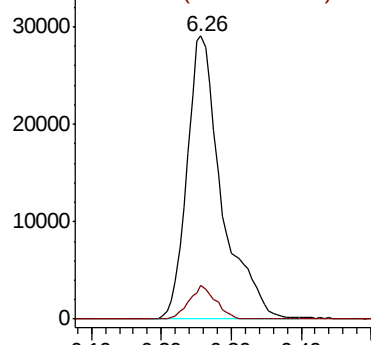
43 100

86 11.8 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.446 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

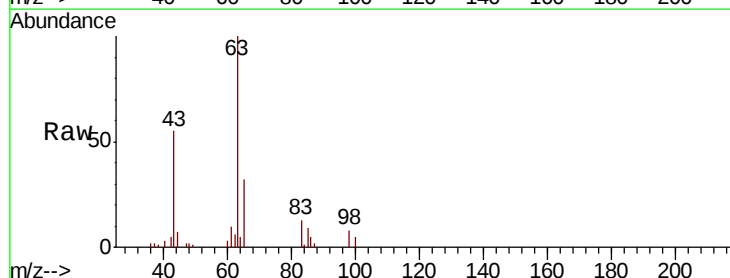
Tgt Ion: 63 Resp: 21227

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

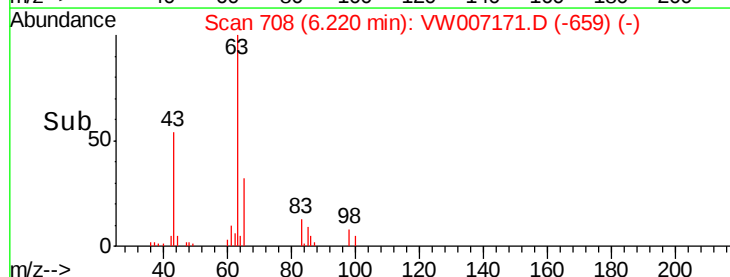
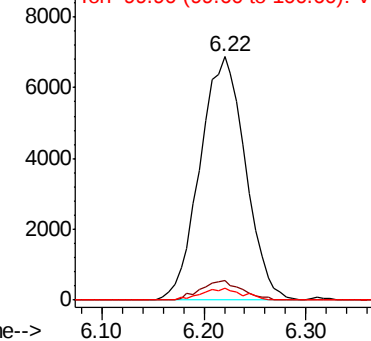
100 4.8 2.4 7.1

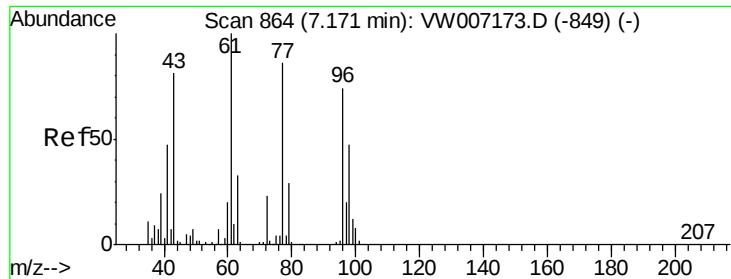


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 62.184 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

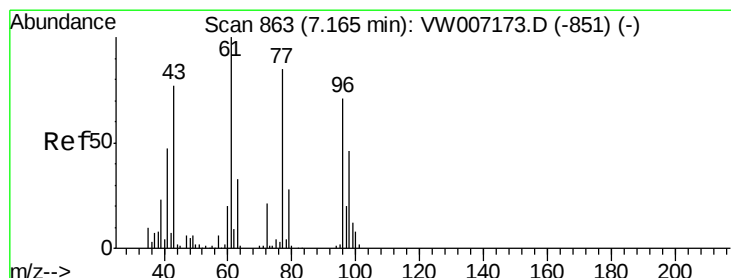
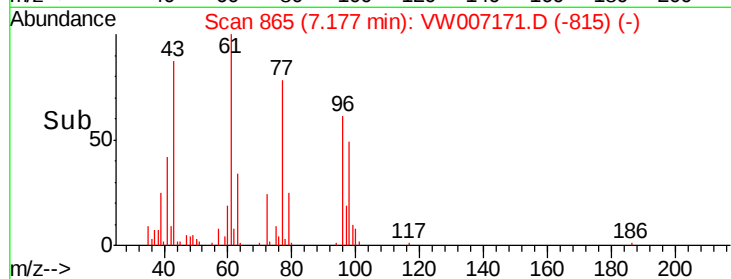
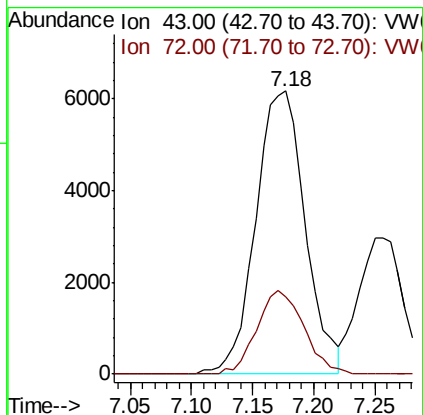
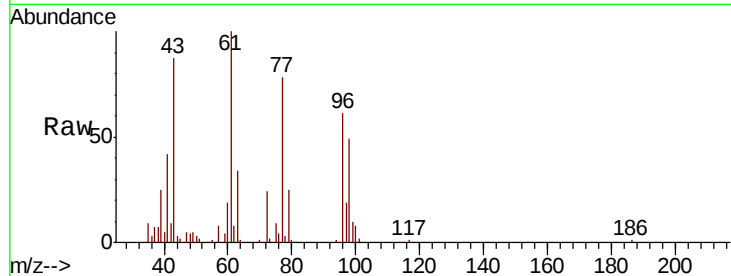
VSTDIC010

Tgt Ion: 43 Resp: 17349

Ion Ratio Lower Upper

43 100

72 27.4 23.0 34.4



#26

2,2-Dichloropropane

Concen: 10.016 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007171.D

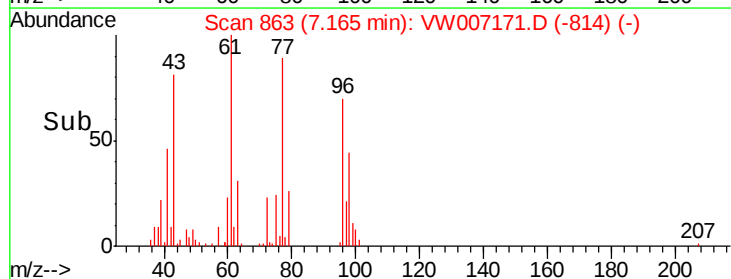
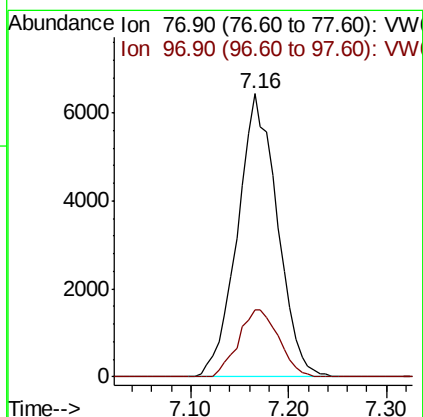
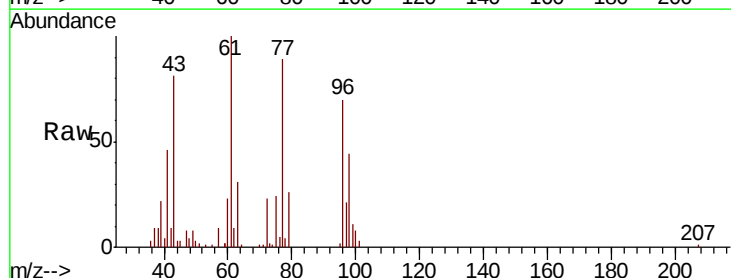
Acq: 04 Dec 2018 00:27

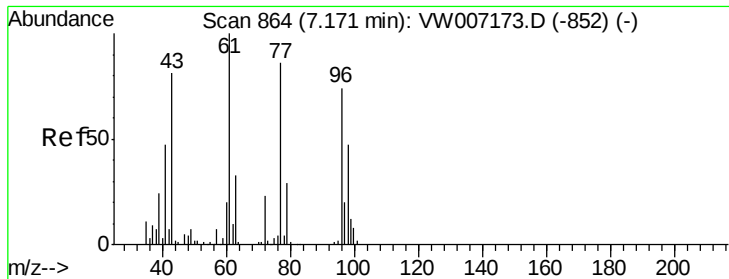
Tgt Ion: 77 Resp: 18223

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.1



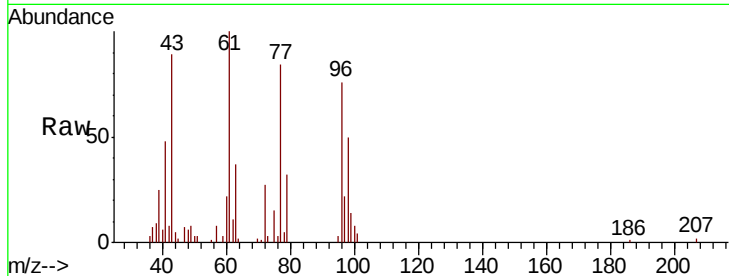


#27

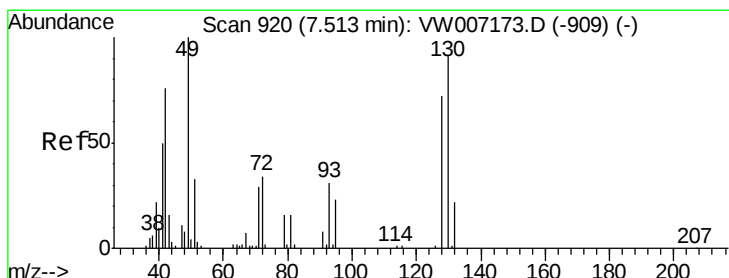
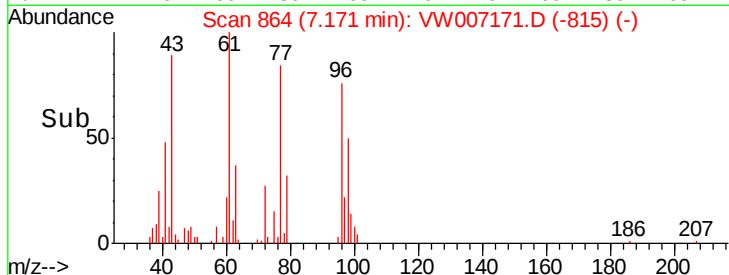
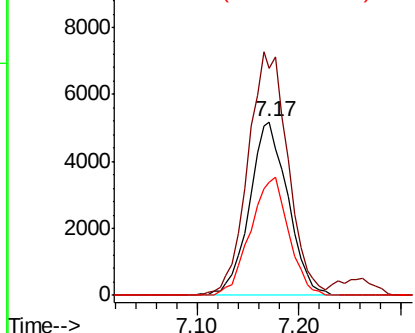
cis-1,2-Dichloroethene
 Concen: 10.515 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 13571
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 282.2
 98 67.5 0.0 129.8



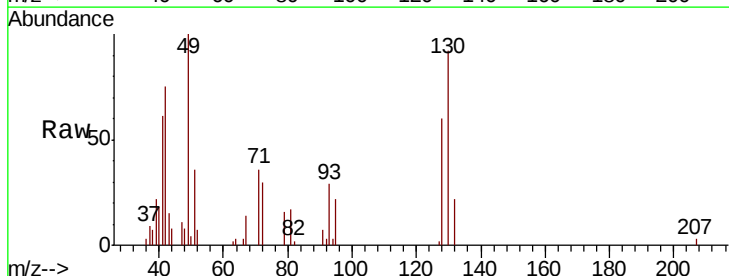
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



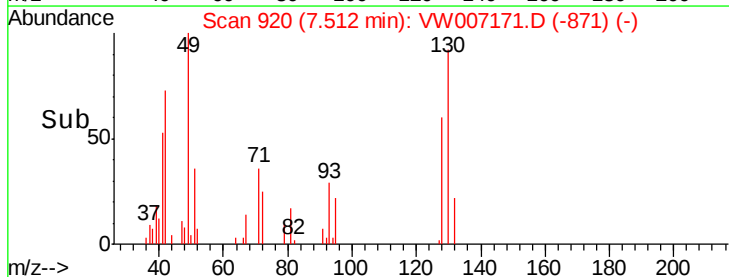
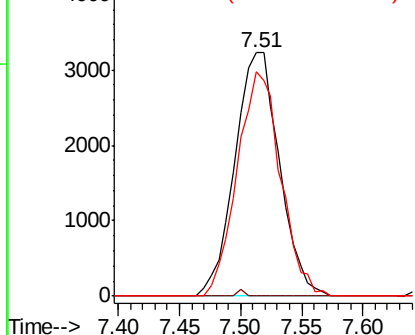
#28

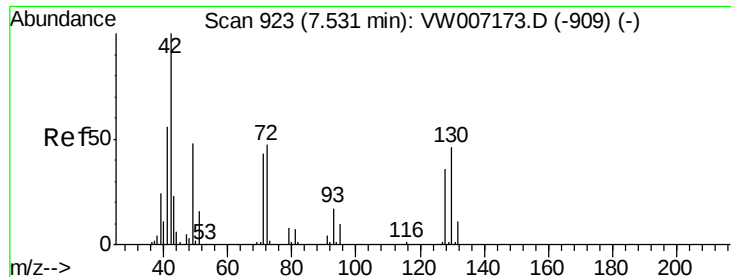
Bromochloromethane
 Concen: 10.841 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 49 Resp: 8207
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.8
 130 89.5 70.5 105.7



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

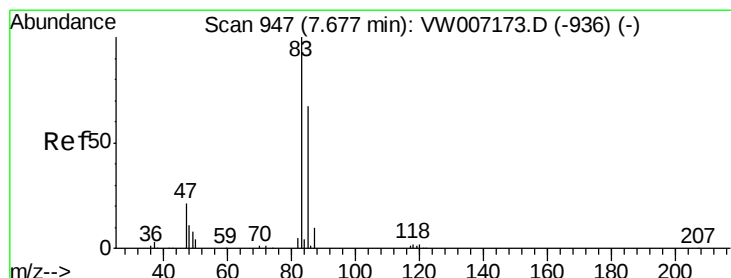
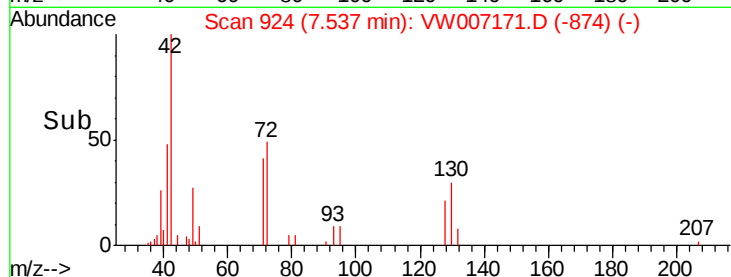
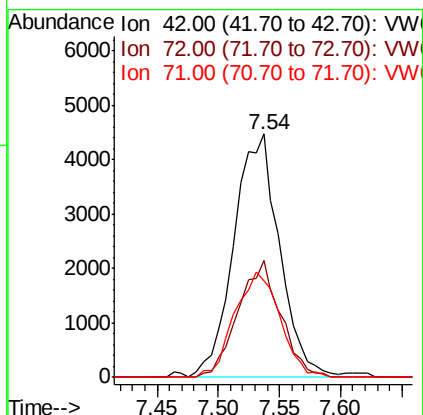
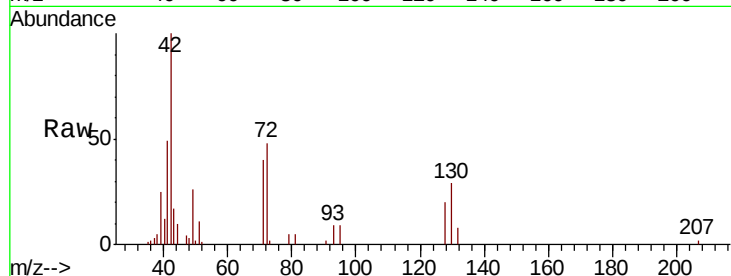




#29
Tetrahydrofuran
Concen: 64.410 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

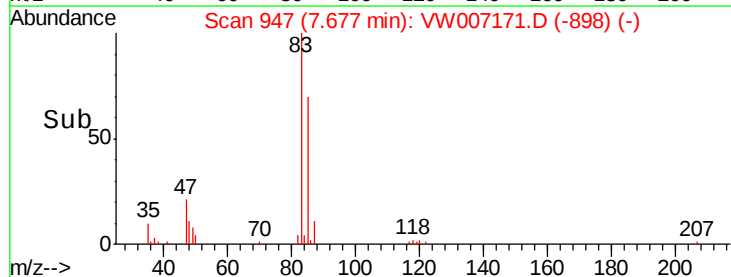
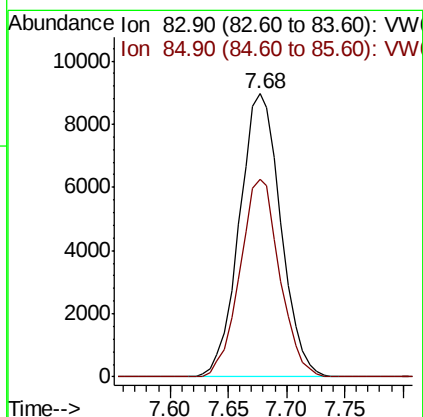
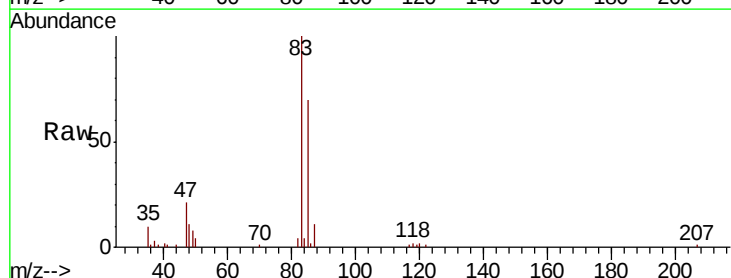
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

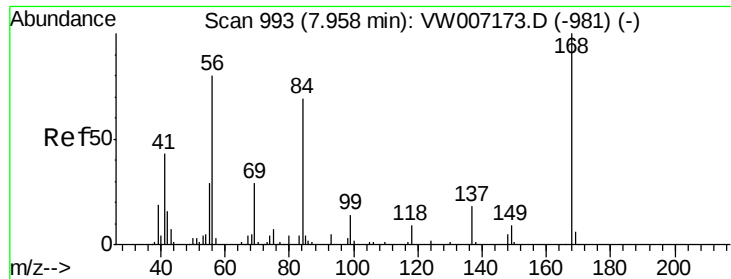
Tgt Ion: 42 Resp: 11618
Ion Ratio Lower Upper
42 100
72 44.6 37.3 55.9
71 43.2 35.0 52.6



#30
Chloroform
Concen: 10.241 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 83 Resp: 22130
Ion Ratio Lower Upper
83 100
85 69.8 53.8 80.6

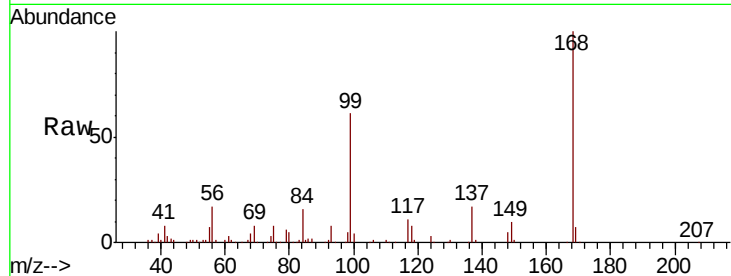




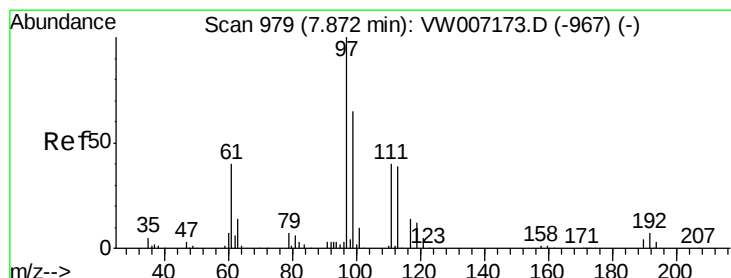
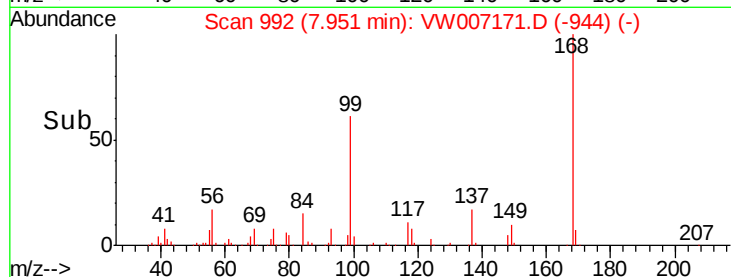
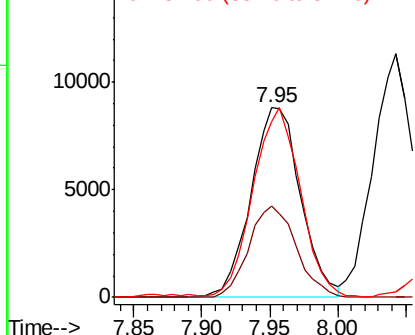
#31
Cyclohexane
Concen: 10.576 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 22475
Ion Ratio Lower Upper
56 100
69 48.4 29.2 43.8#
84 91.3 69.0 103.4

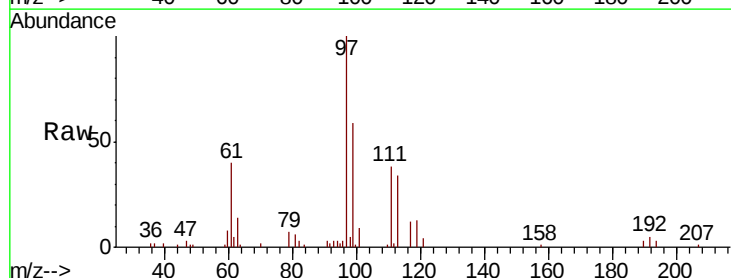


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

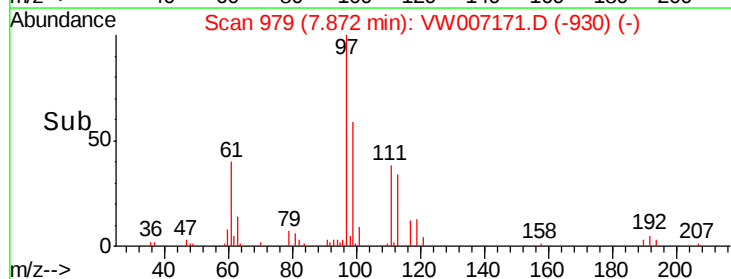
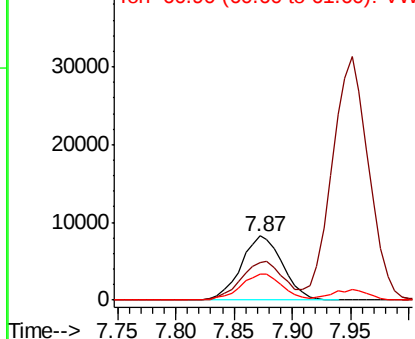


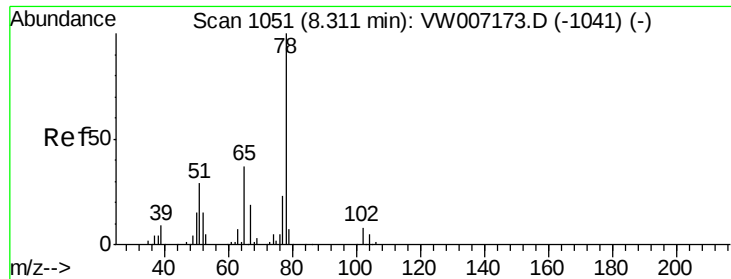
#32
1,1,1-Trichloroethane
Concen: 10.514 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 97 Resp: 20435
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 40.4 32.7 49.1



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

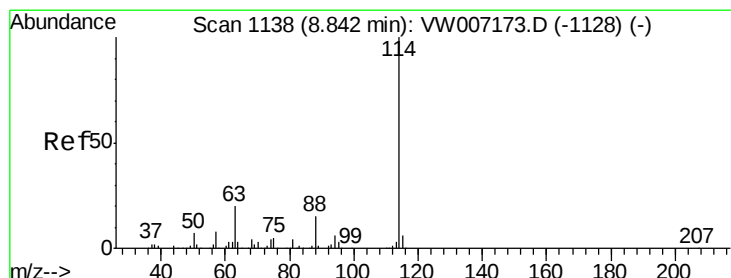
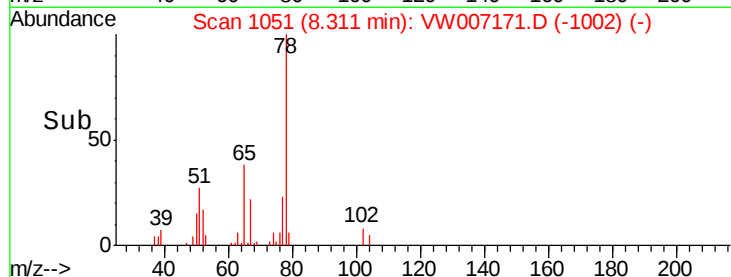
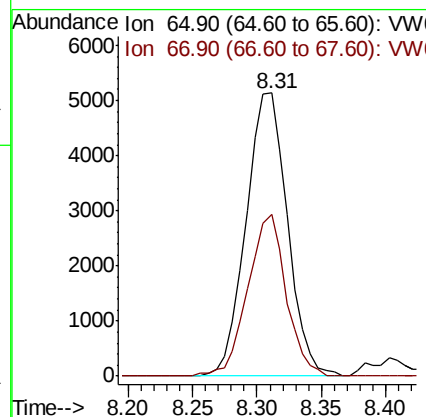
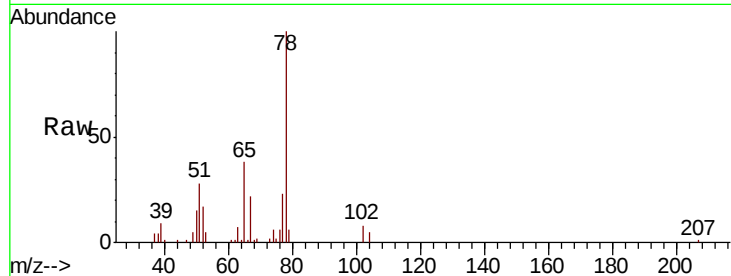




#33
 1,2-Dichloroethane-d4
 Concen: 10.233 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

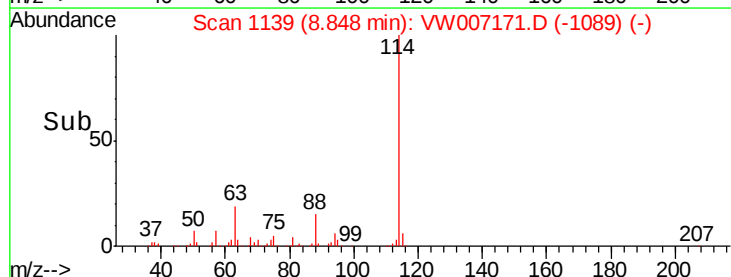
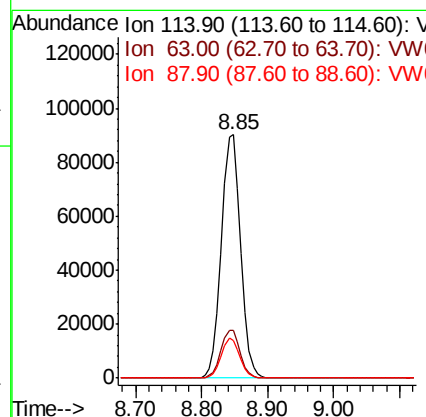
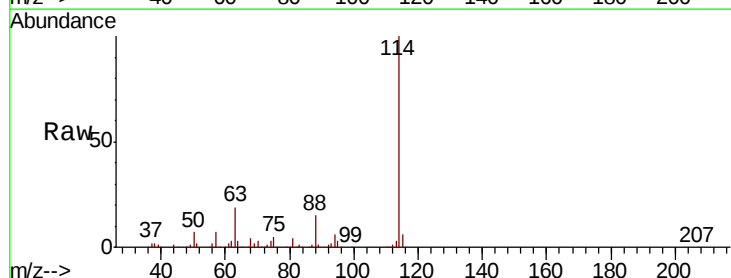
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

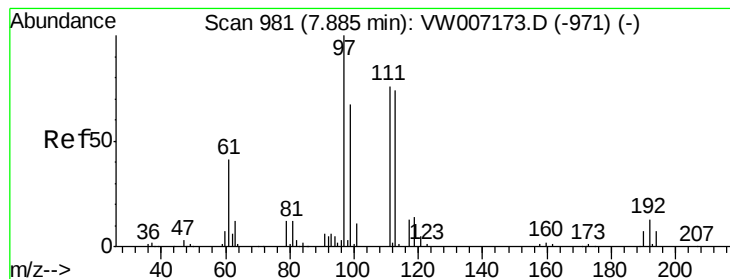
Tgt Ion: 65 Resp: 11432
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 114 Resp: 181583
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 9.811 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

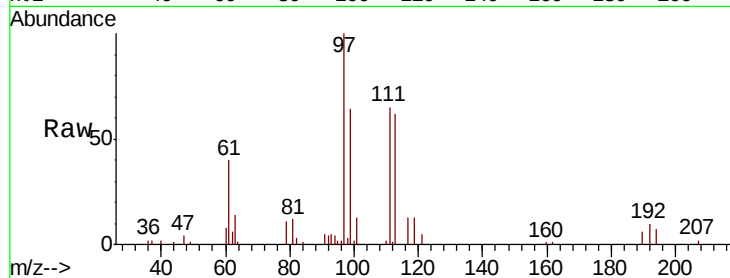
Tgt Ion: 113 Resp: 10016

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

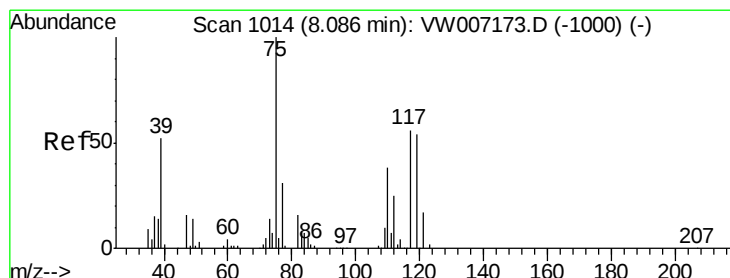
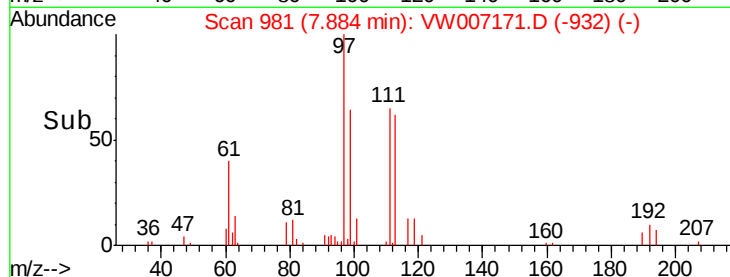
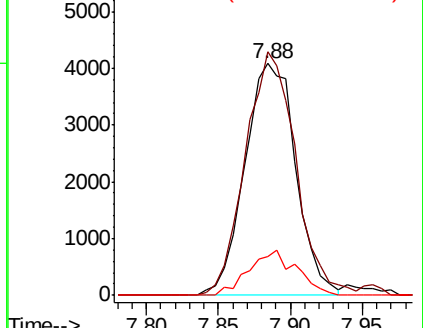
192 18.2 14.7 22.1



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: 9.892 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

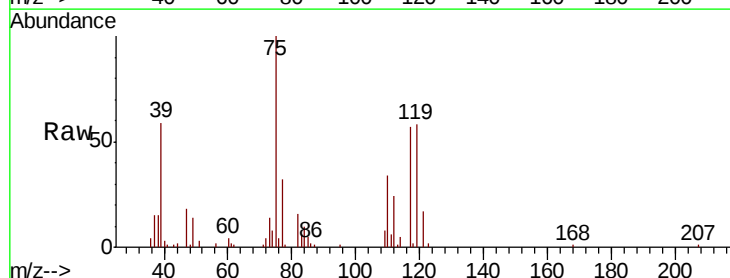
Tgt Ion: 75 Resp: 17300

Ion Ratio Lower Upper

75 100

110 37.5 18.4 55.2

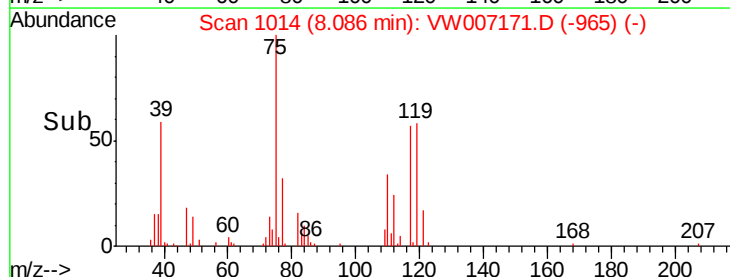
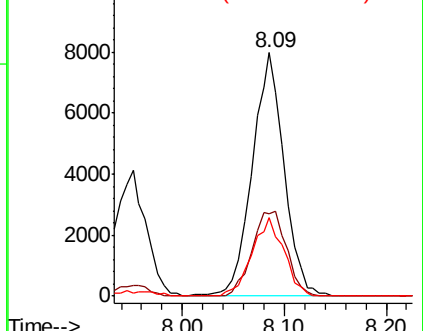
77 32.1 24.9 37.3

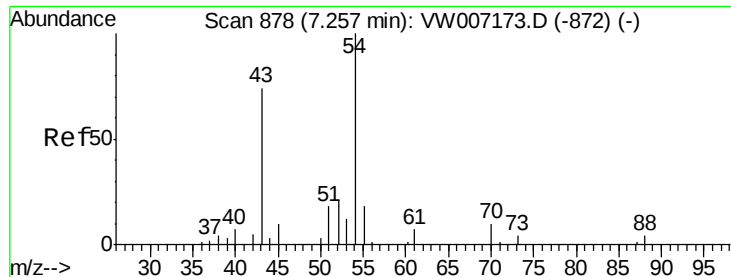


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

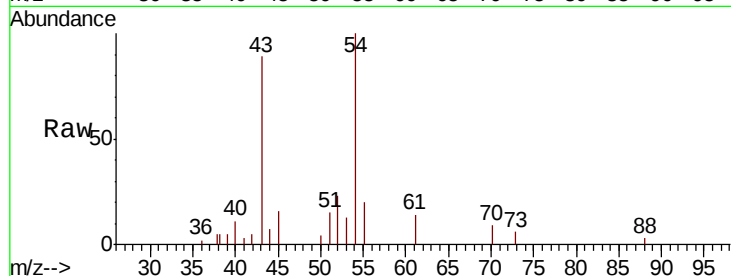




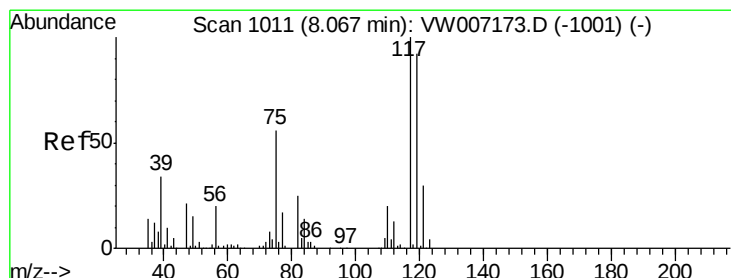
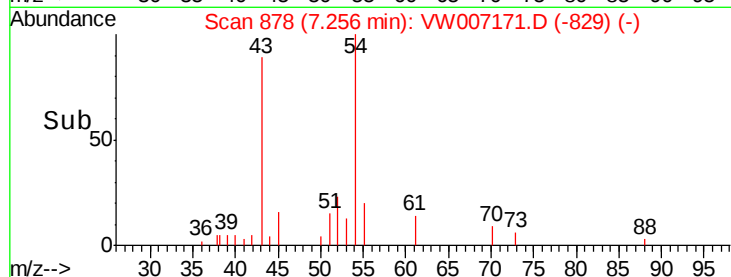
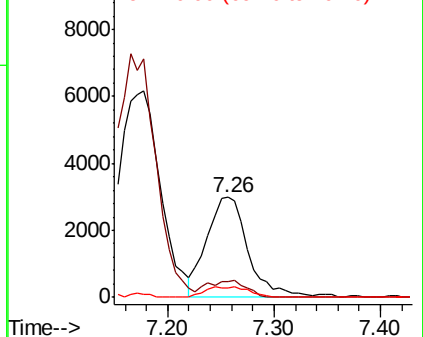
#37
Ethyl Acetate
Concen: 12.644 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 10.7 9.3 13.9

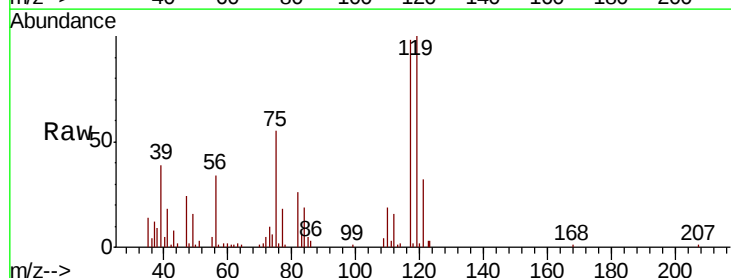


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

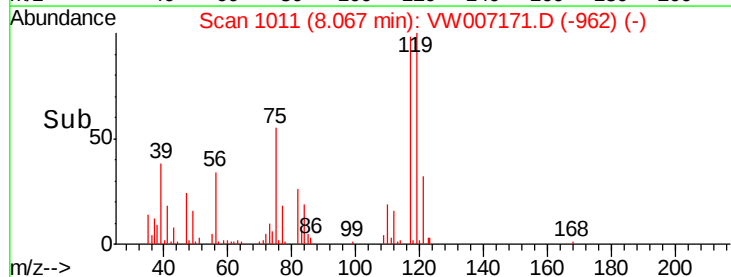
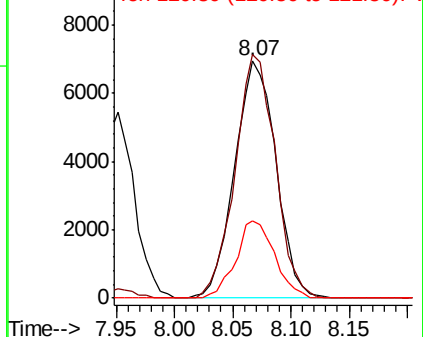


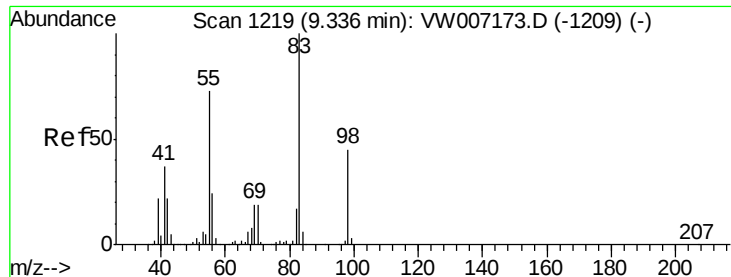
#38
Carbon Tetrachloride
Concen: 10.223 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 117 Resp: 17211
Ion Ratio Lower Upper
117 100
119 102.4 73.8 110.6
121 32.4 24.1 36.1



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

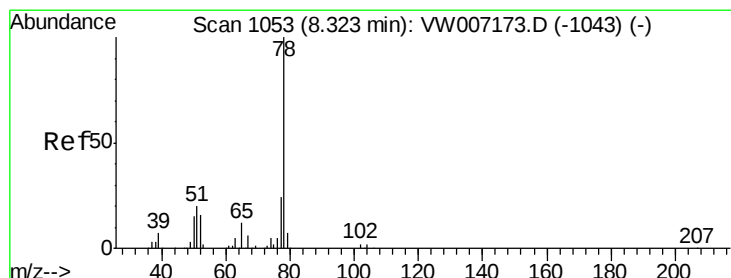
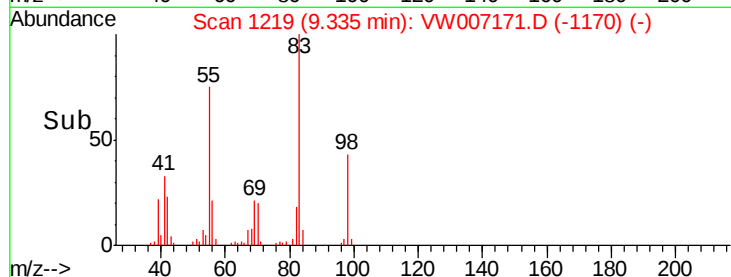
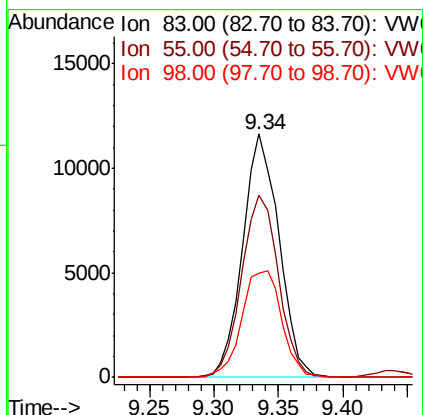
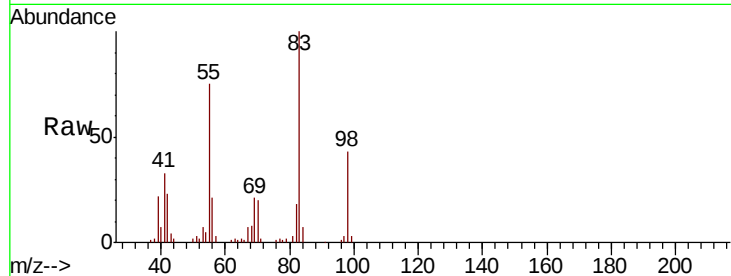




#39
Methylcyclohexane
Concen: 10.365 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

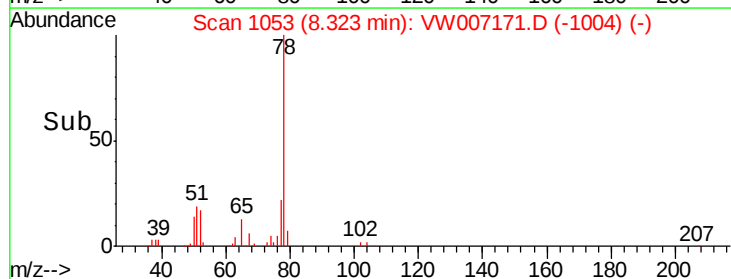
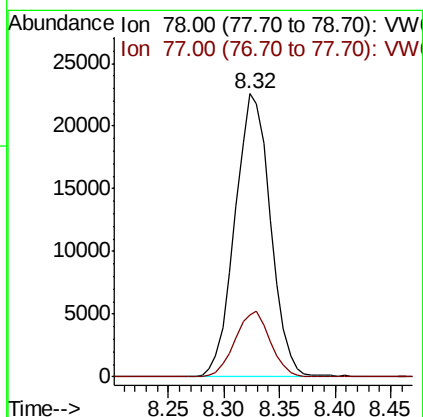
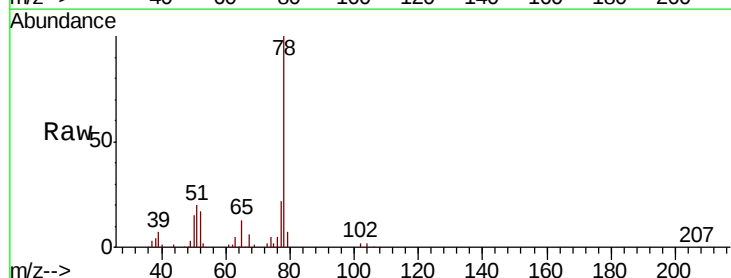
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

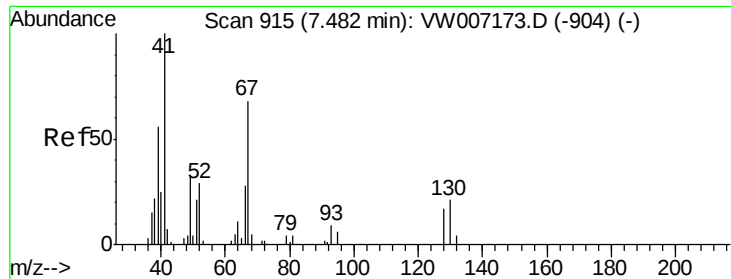
Tgt Ion: 83 Resp: 22707
Ion Ratio Lower Upper
83 100
55 74.9 58.7 88.1
98 42.9 36.3 54.5



#40
Benzene
Concen: 10.528 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 78 Resp: 50031
Ion Ratio Lower Upper
78 100
77 21.7 19.5 29.3

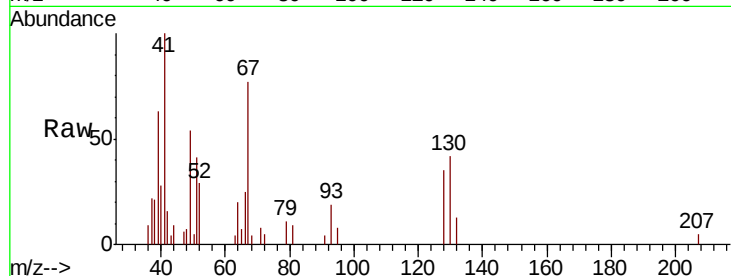




#41
Methacrylonitrile
Concen: 12.069 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	4849
Ion	Ratio	Lower	Upper
41	100		
39	59.8	43.4	65.2
67	68.9	54.3	81.5
52	28.2	21.4	32.2



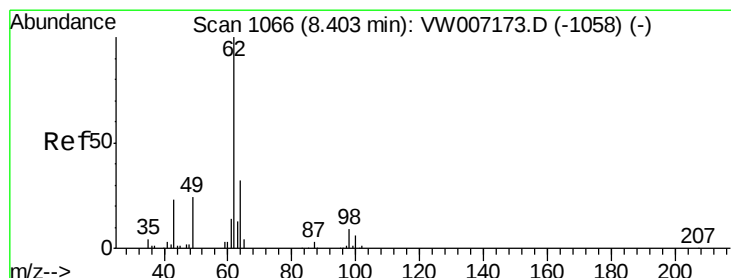
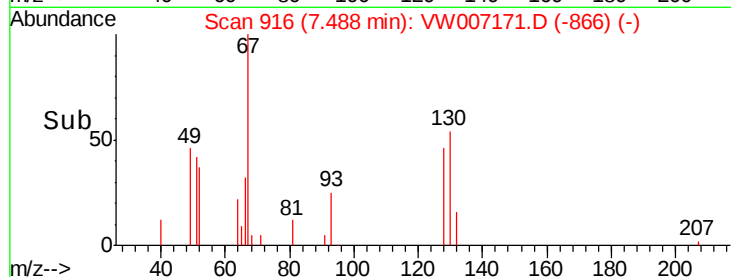
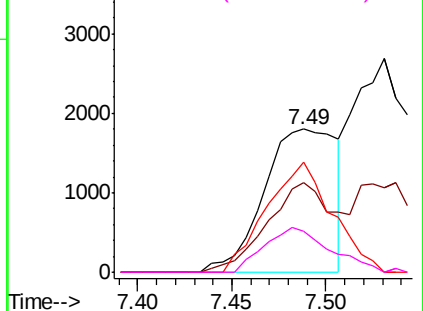
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

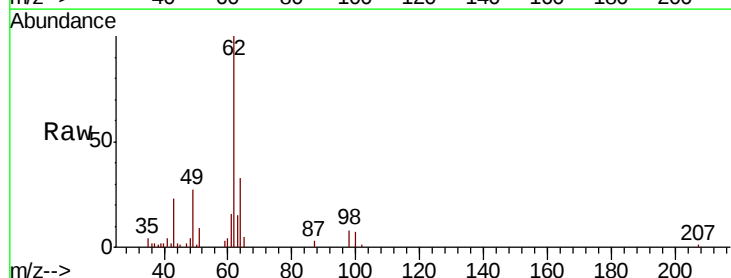
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 10.902 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

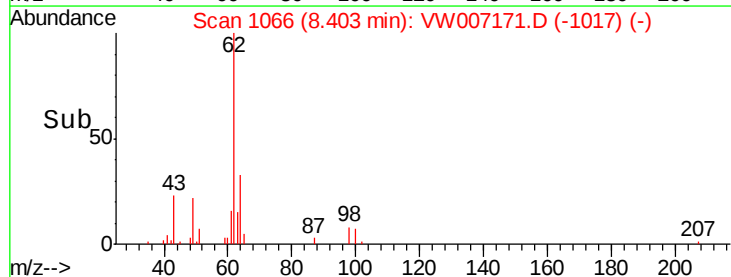
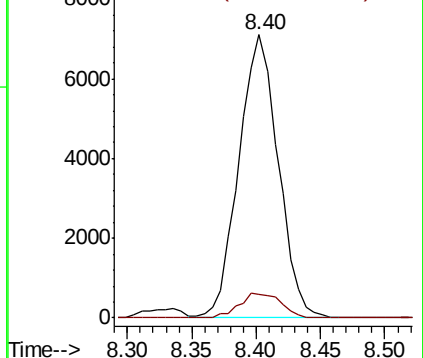
Tgt Ion:	62	Resp:	15028
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

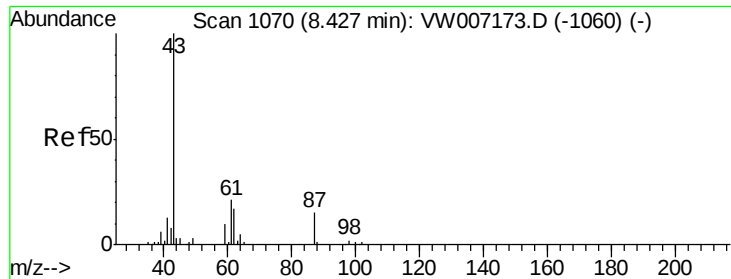


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 12.165 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

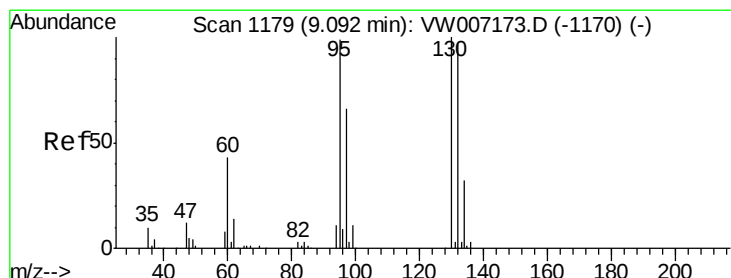
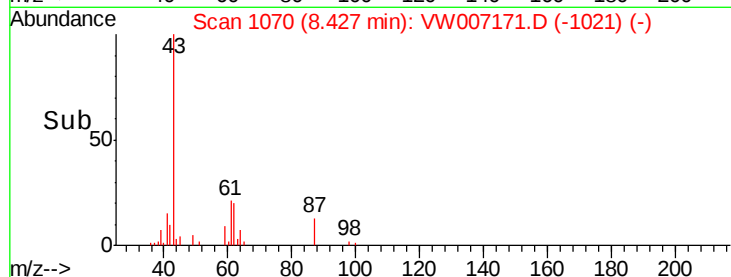
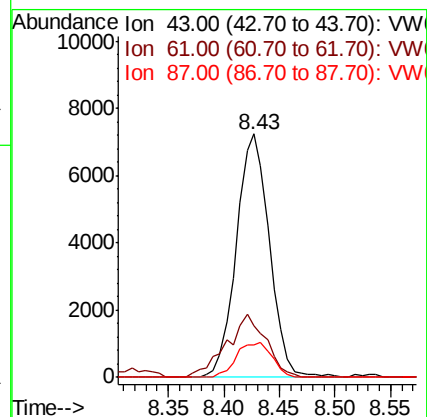
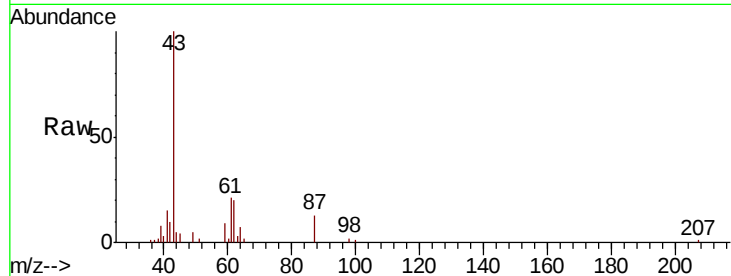
Tgt Ion: 43 Resp: 14937

Ion Ratio Lower Upper

43 100

61 30.9 24.7 37.1

87 15.2 11.3 16.9



#44

Trichloroethene

Concen: 10.609 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007171.D

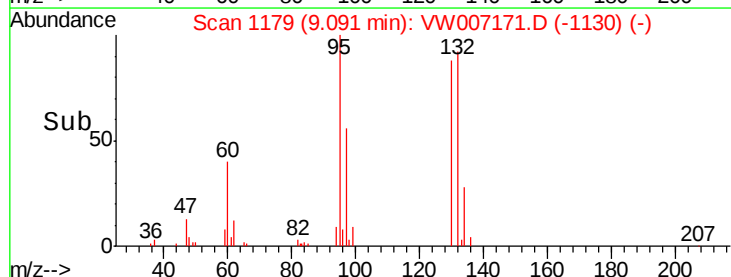
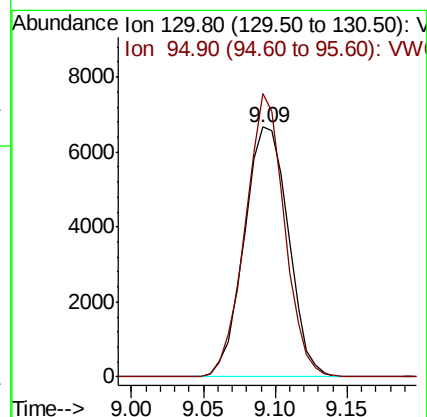
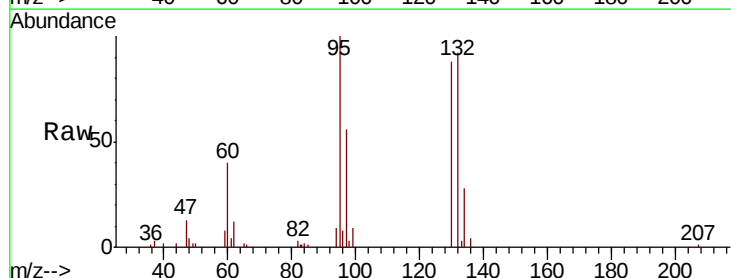
Acq: 04 Dec 2018 00:27

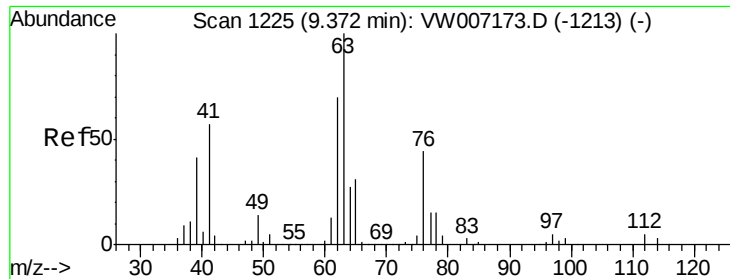
Tgt Ion: 130 Resp: 14141

Ion Ratio Lower Upper

130 100

95 113.3 0.0 198.8

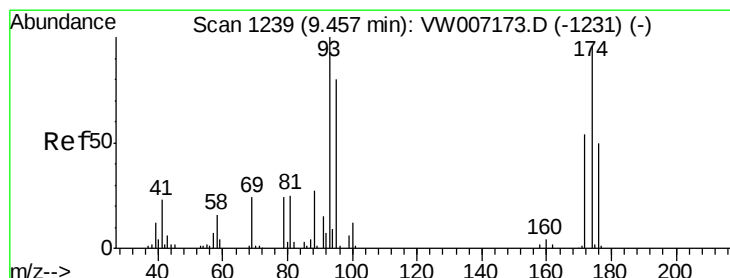
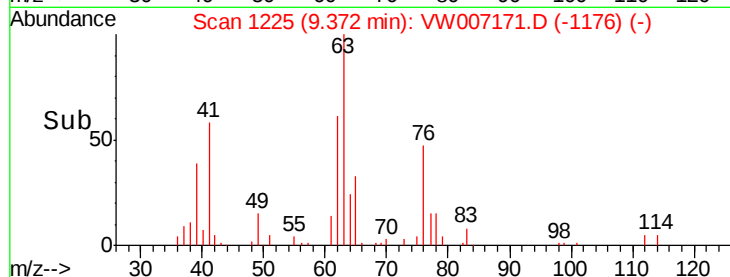
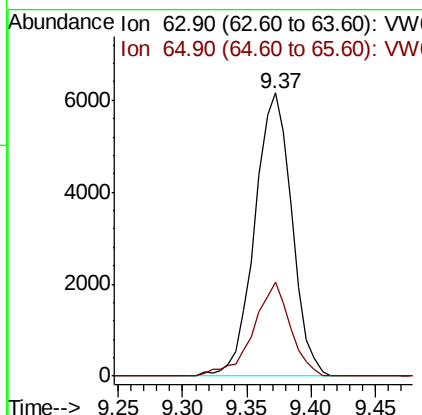
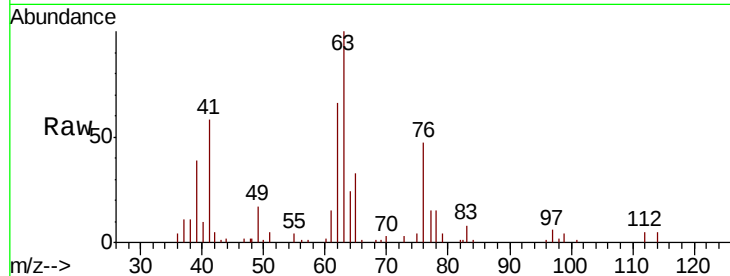




#45
 1,2-Dichloropropane
 Concen: 10.522 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

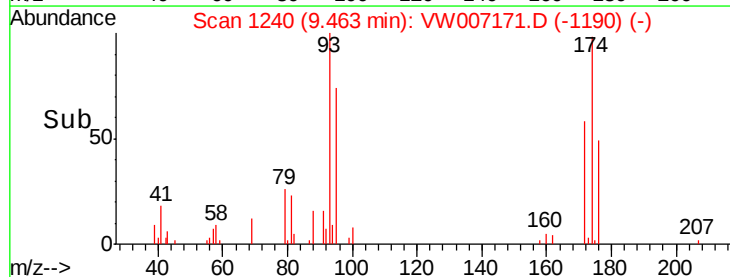
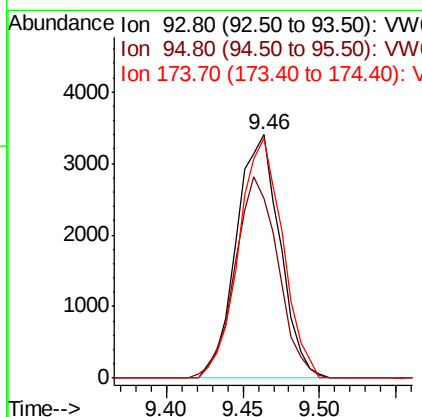
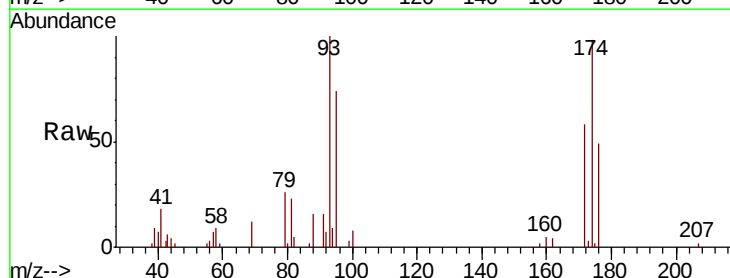
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

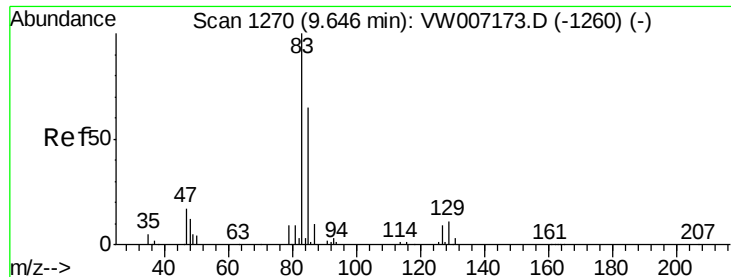
Tgt Ion: 63 Resp: 12258
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.1 37.7



#46
 Dibromomethane
 Concen: 11.384 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 93 Resp: 6727
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 99.3 79.3 118.9

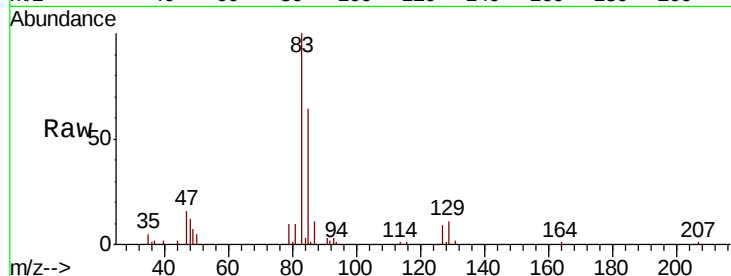




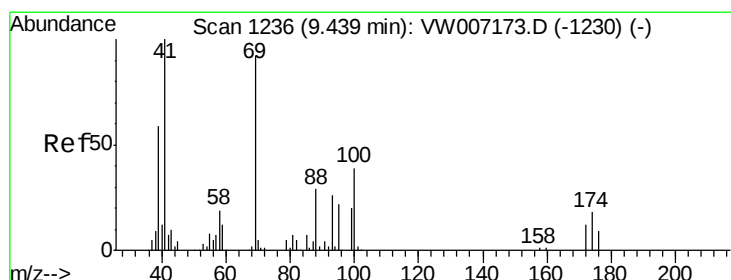
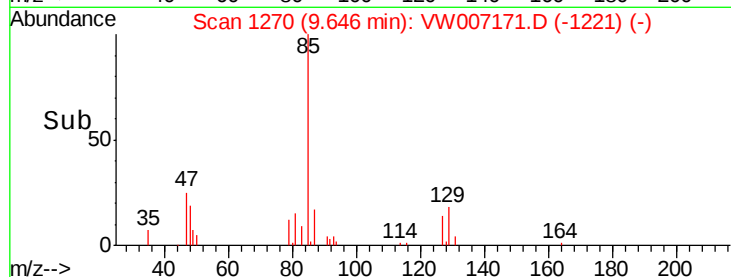
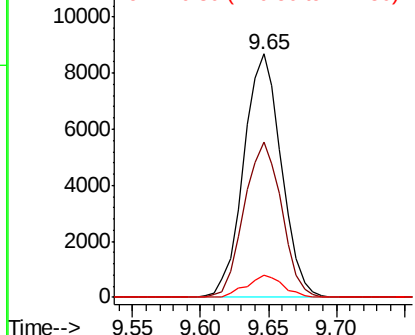
#47
Bromodichloromethane
Concen: 10.874 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 16842
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 9.3 7.1 10.7

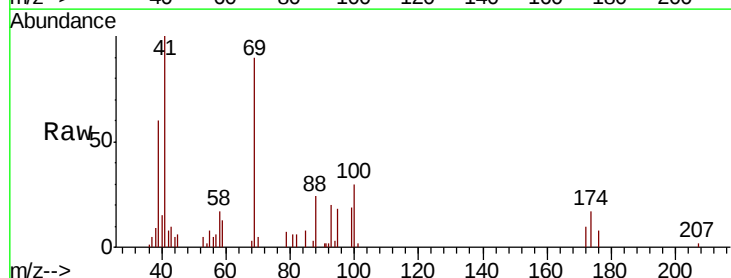


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

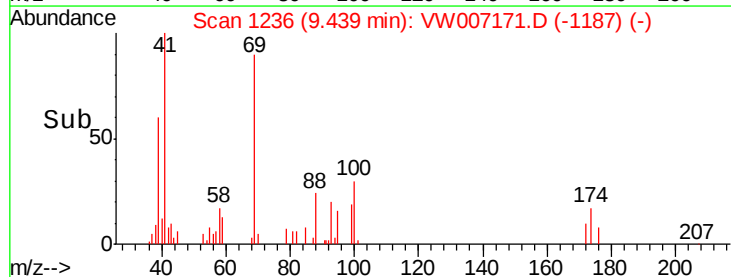
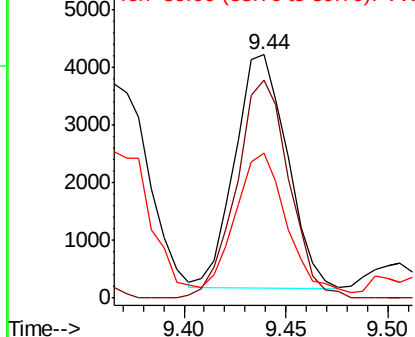


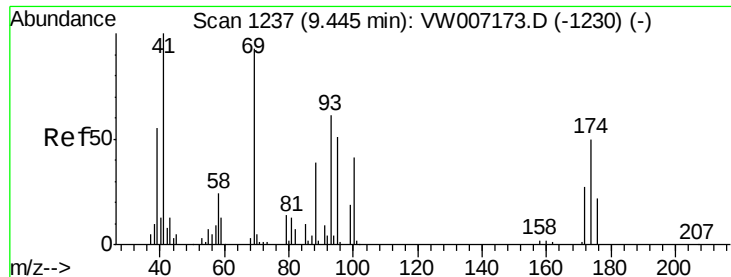
#48
Methyl methacrylate
Concen: 12.312 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 41 Resp: 7263
Ion Ratio Lower Upper
41 100
69 93.3 74.9 112.3
39 57.2 47.5 71.3



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

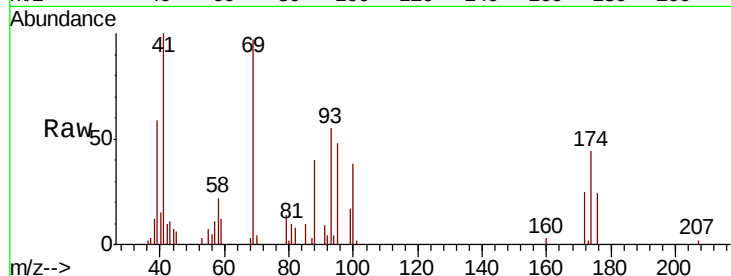




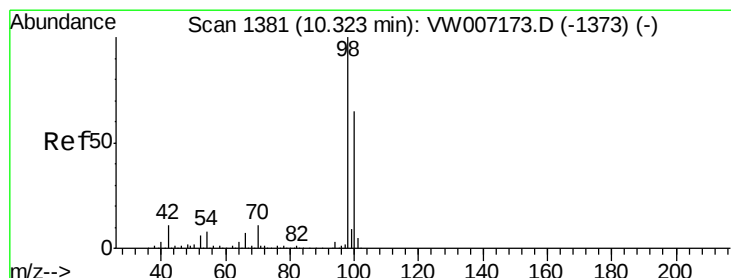
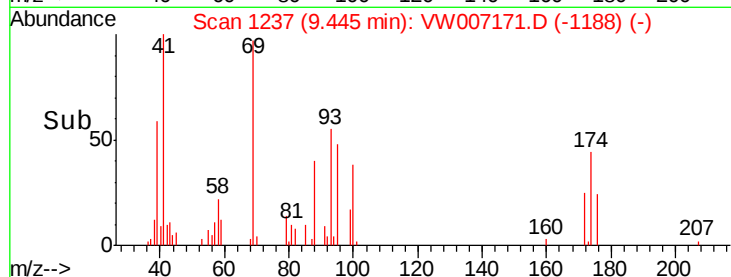
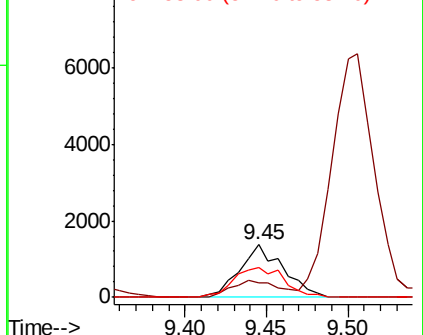
#49
1,4-Dioxane
Concen: 282.291 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 2539
Ion Ratio Lower Upper
88 100
43 35.5 27.7 41.5
58 65.6 52.1 78.1

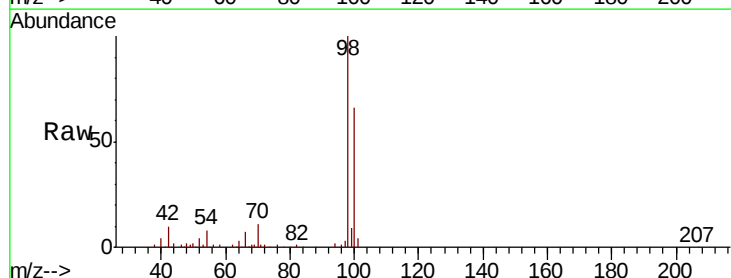


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

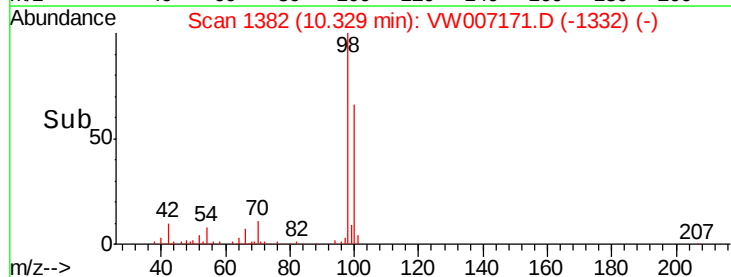
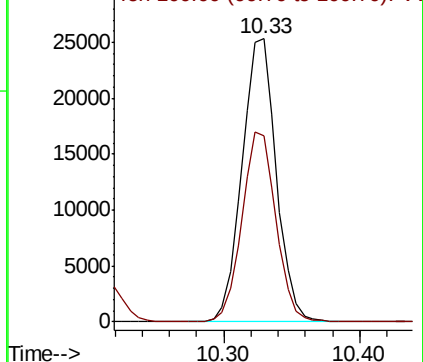


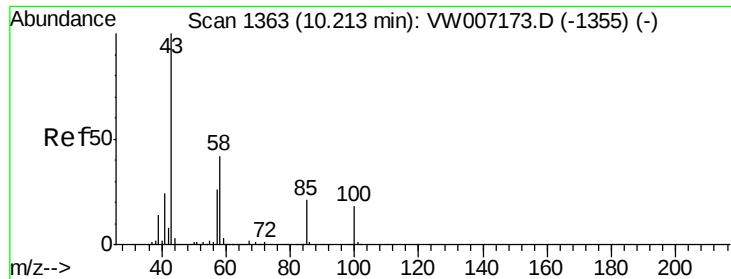
#50
Toluene-d8
Concen: 9.954 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 98 Resp: 44573
Ion Ratio Lower Upper
98 100
100 66.8 52.1 78.1



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

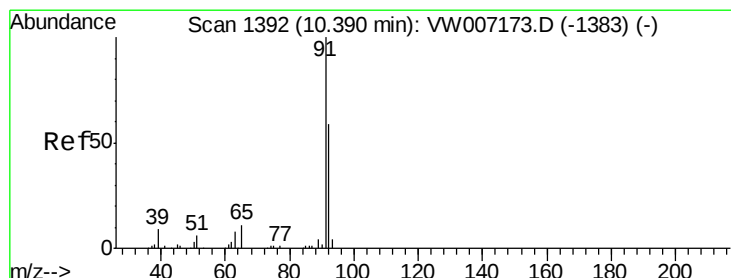
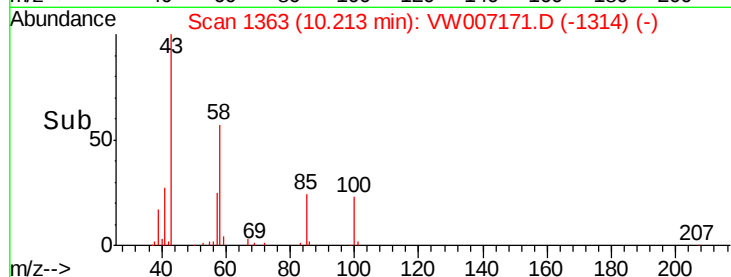
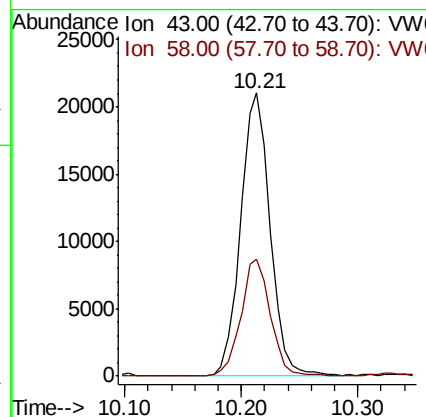
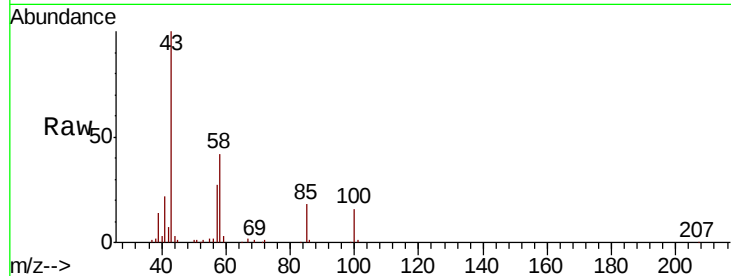




#51
 4-Methyl-2-Pentanone
 Concen: 60.296 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

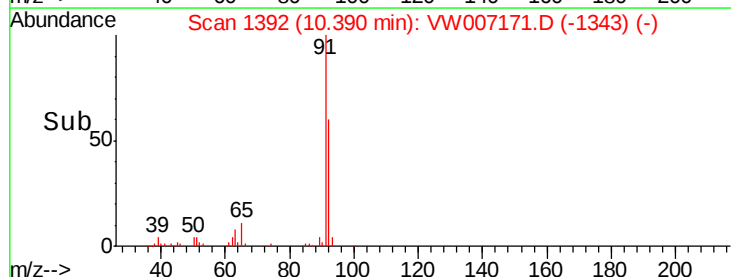
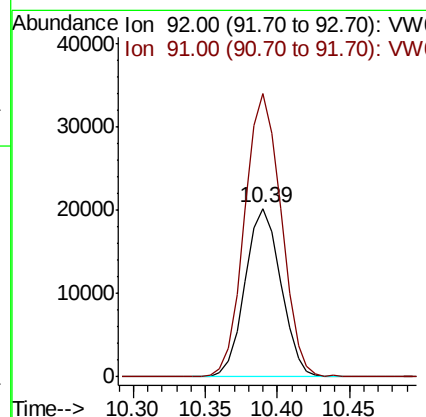
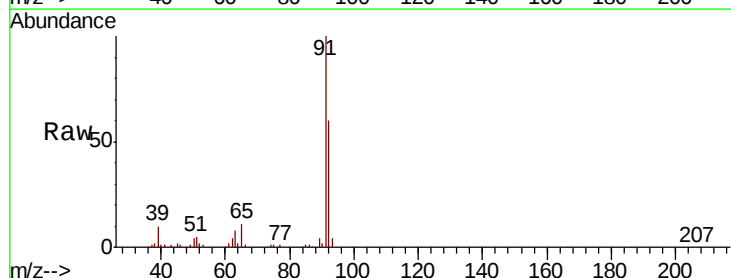
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

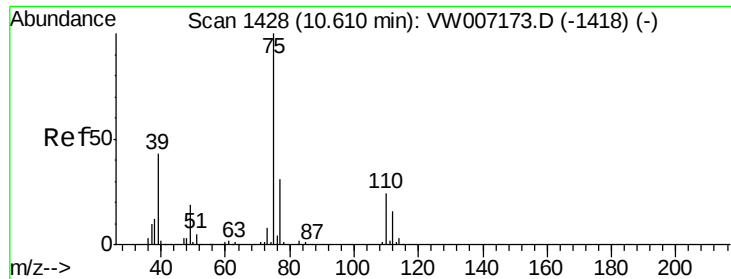
Tgt Ion: 43 Resp: 37201
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.6 49.0



#52
 Toluene
 Concen: 10.808 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 92 Resp: 34951
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 11.120 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampled :

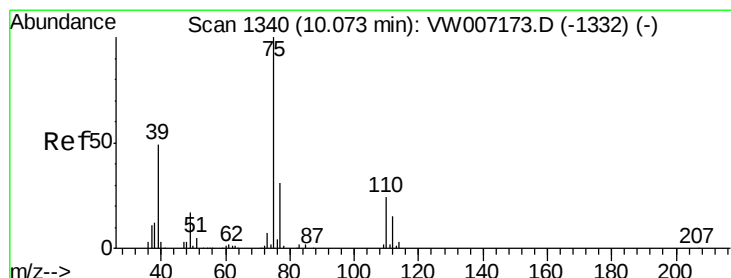
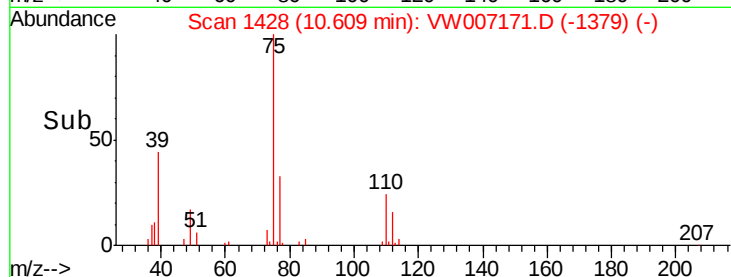
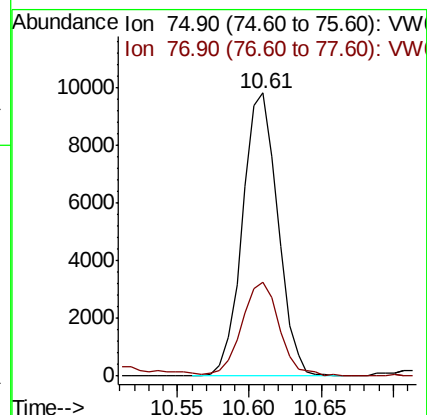
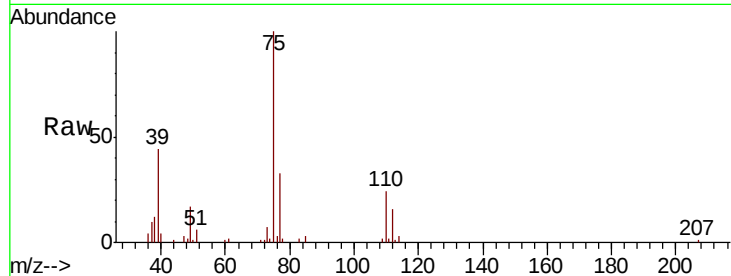
VSTDIC010

Tgt Ion: 75 Resp: 16727

Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 10.843 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

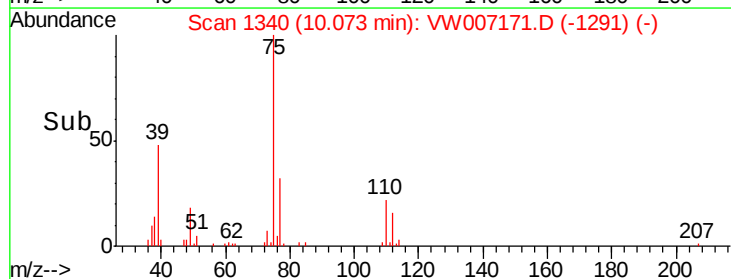
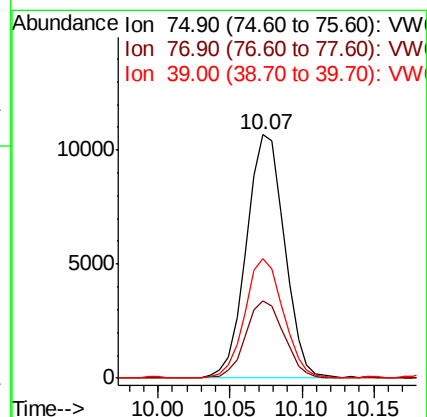
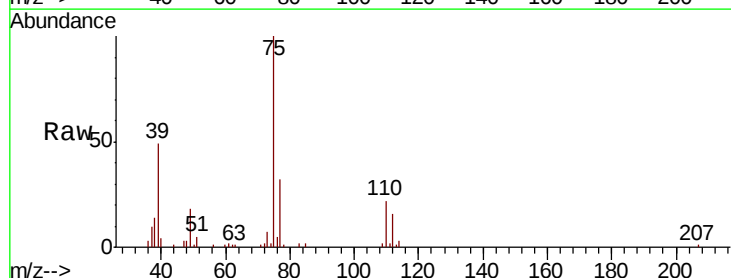
Tgt Ion: 75 Resp: 19542

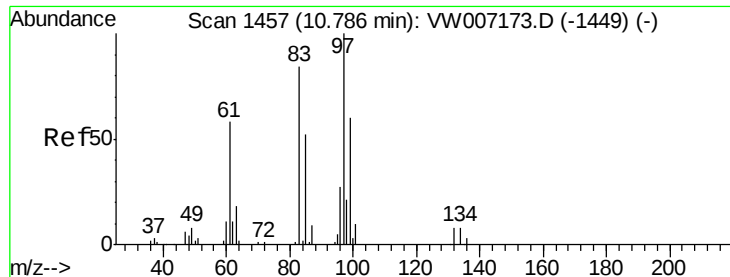
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 49.0 39.0 58.6

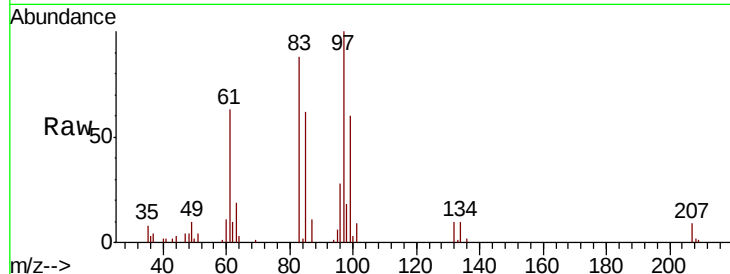




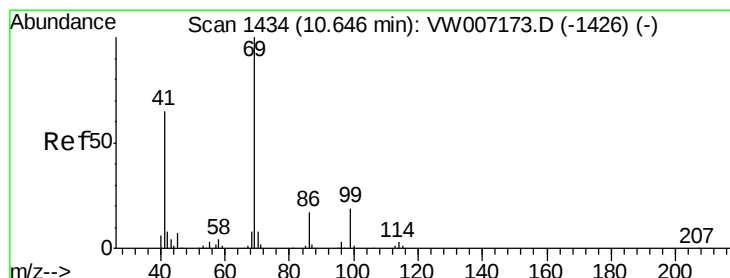
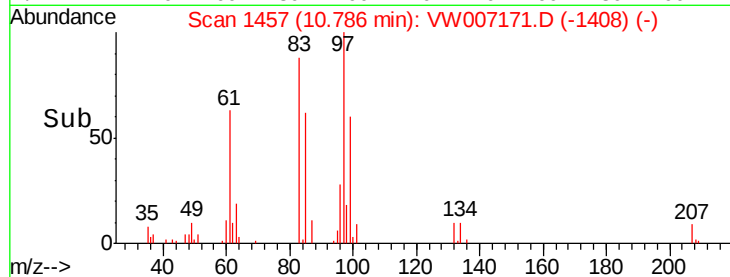
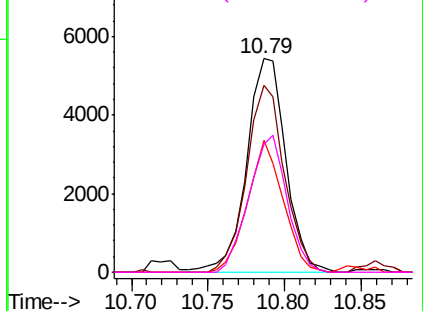
#55
 1,1,2-Trichloroethane
 Concen: 11.169 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 97 Resp: 9653
 Ion Ratio Lower Upper
 97 100
 83 87.7 67.0 100.4
 85 61.8 41.5 62.3
 99 59.9 48.4 72.6

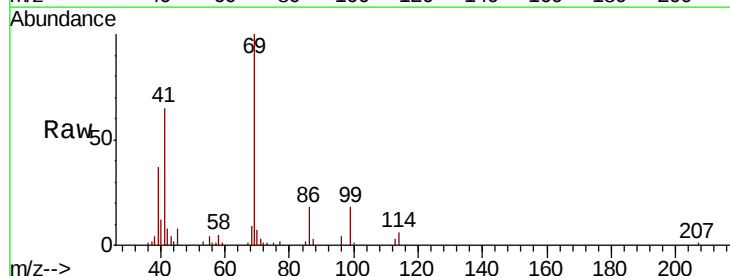


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

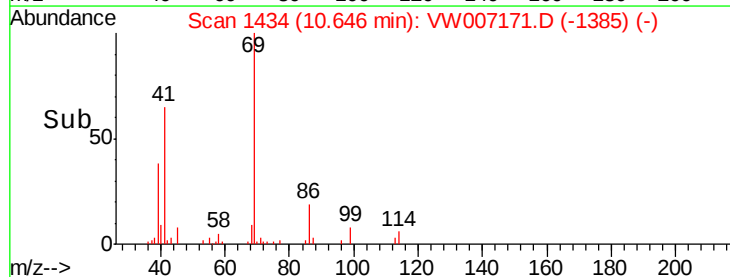
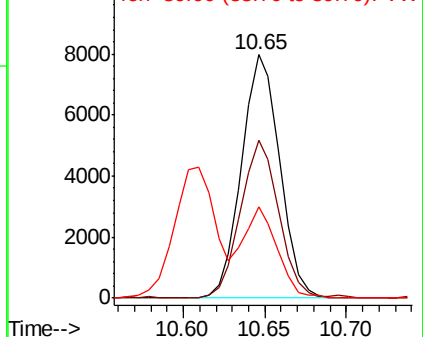


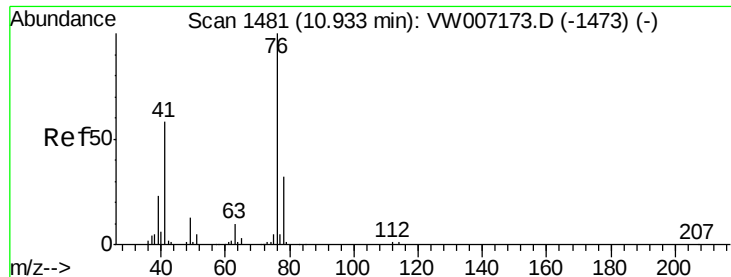
#56
 Ethyl methacrylate
 Concen: 12.756 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 69 Resp: 12984
 Ion Ratio Lower Upper
 69 100
 41 65.2 51.2 76.8
 39 33.8 26.7 40.1



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





#57

1,3-Dichloropropane

Concen: 11.189 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampled :

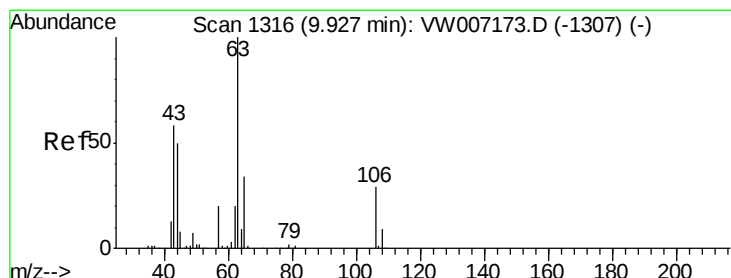
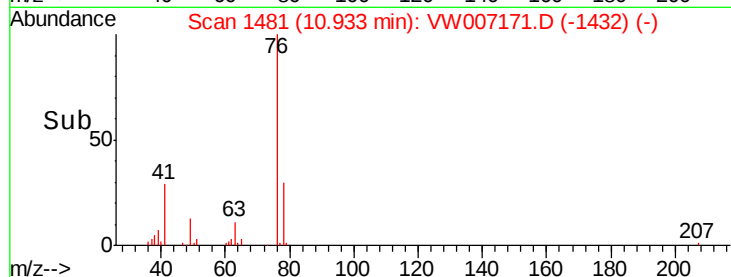
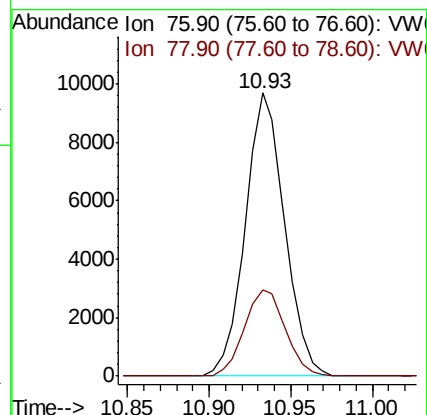
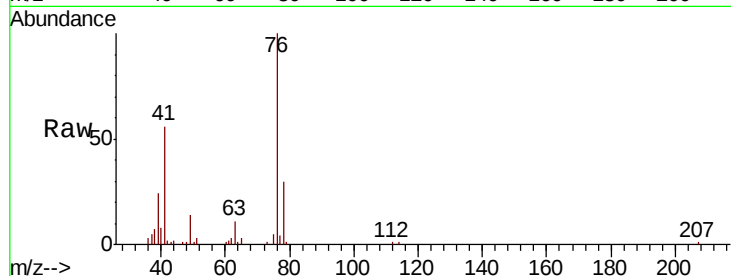
VSTDIC010

Tgt Ion: 76 Resp: 16212

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 48.479 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007171.D

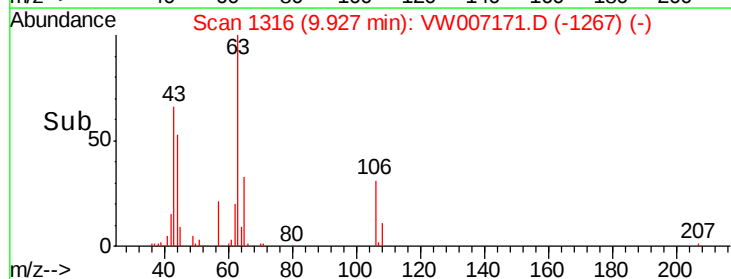
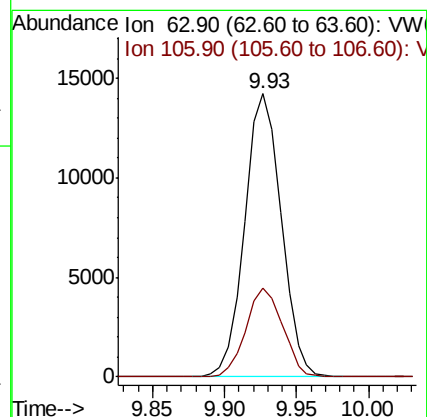
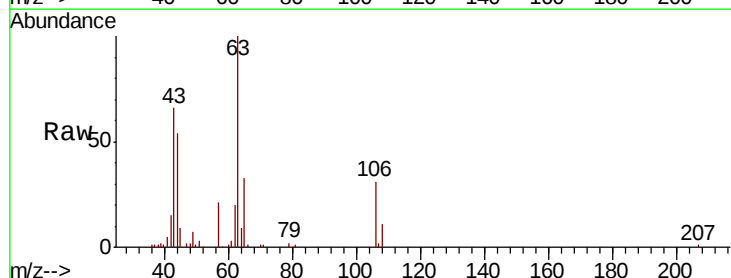
Acq: 04 Dec 2018 00:27

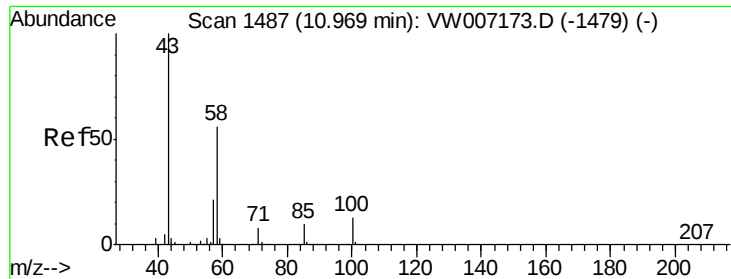
Tgt Ion: 63 Resp: 24970

Ion Ratio Lower Upper

63 100

106 31.4 23.5 35.3





#59

2-Hexanone

Concen: 62.795 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

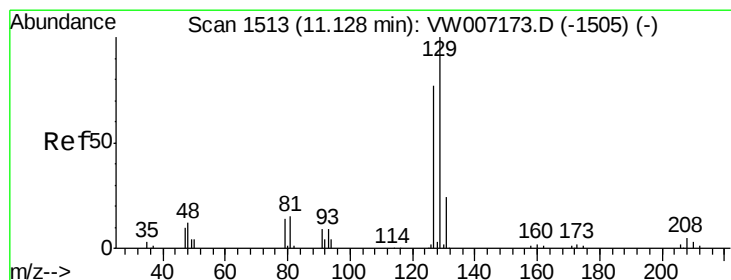
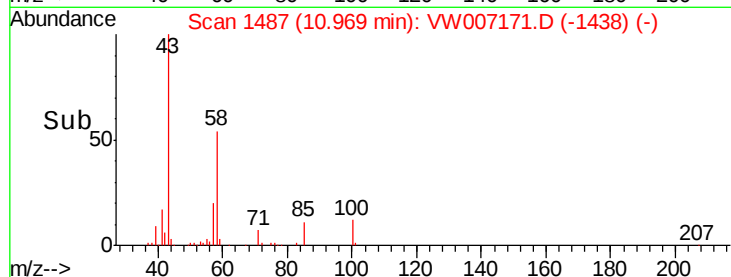
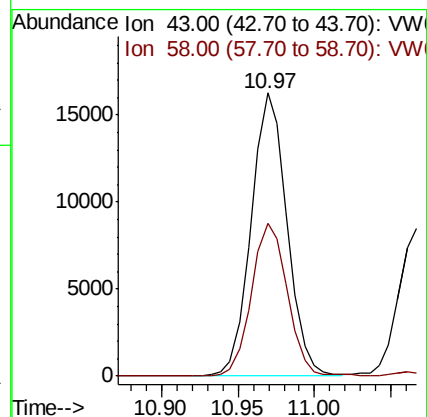
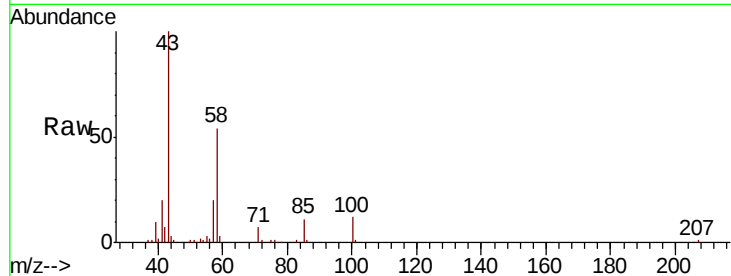
VSTDIC010

Tgt Ion: 43 Resp: 26450

Ion Ratio Lower Upper

43 100

58 54.1 27.3 81.9



#60

Dibromochloromethane

Concen: 11.579 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007171.D

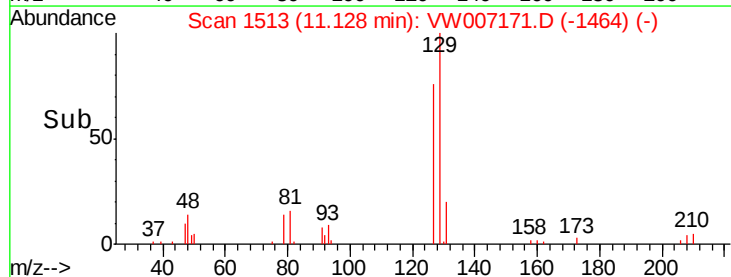
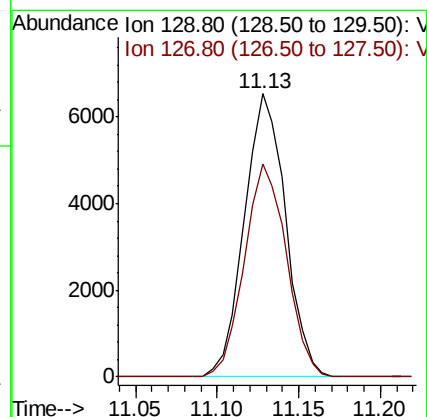
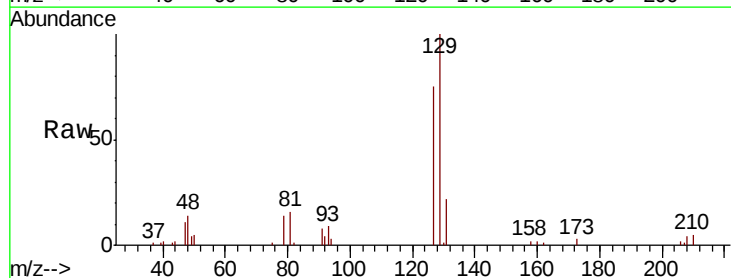
Acq: 04 Dec 2018 00:27

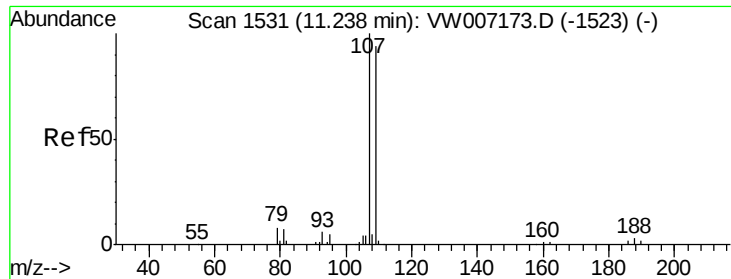
Tgt Ion: 129 Resp: 11490

Ion Ratio Lower Upper

129 100

127 76.6 38.6 116.0

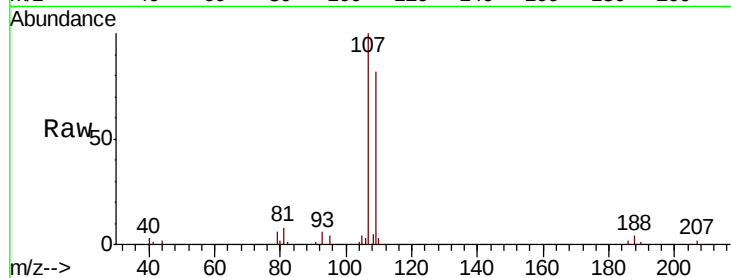




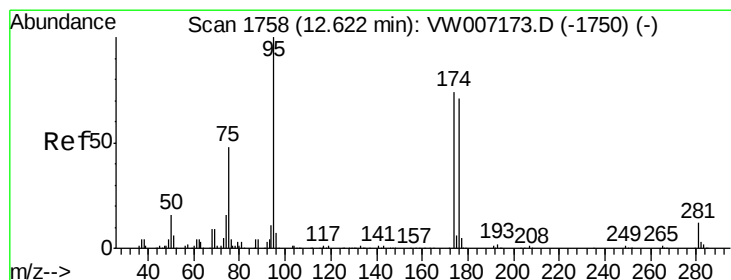
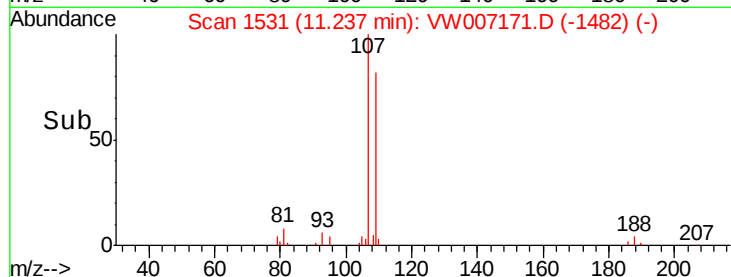
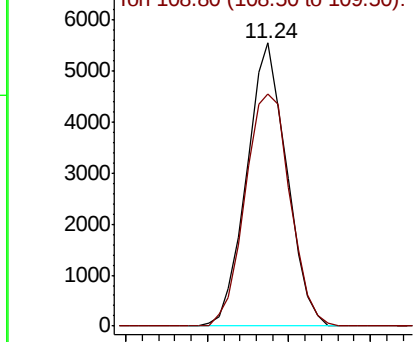
#61
 1,2-Dibromoethane
 Concen: 11.911 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 107 Resp: 9507
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.8 113.6

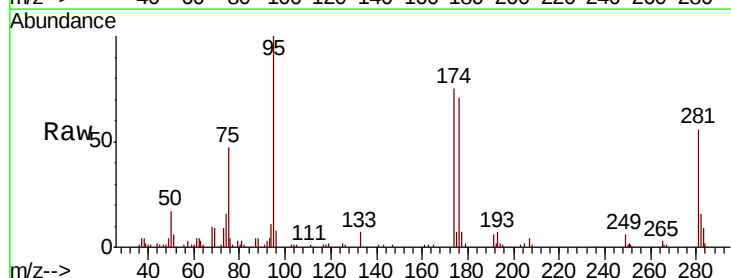


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

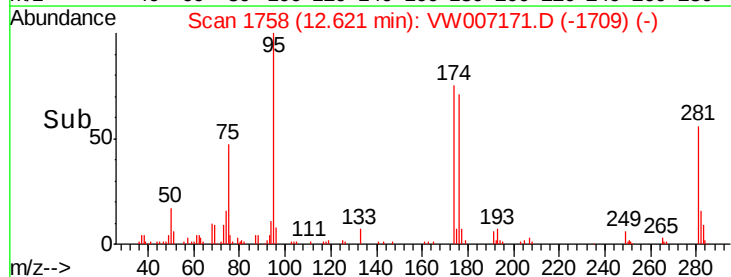
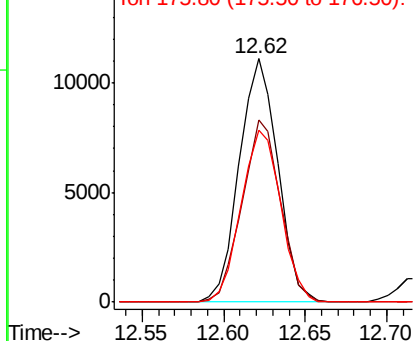


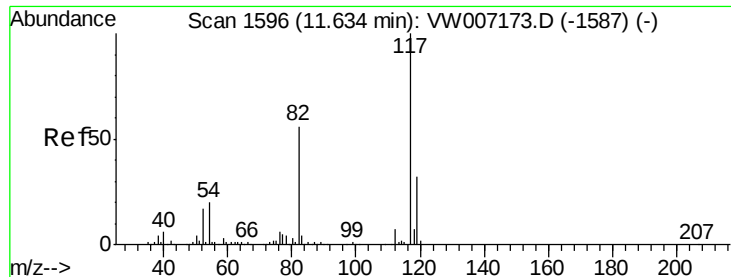
#62
 4-Bromofluorobenzene
 Concen: 10.368 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 95 Resp: 18272
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 148.4
 176 72.3 0.0 141.8



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

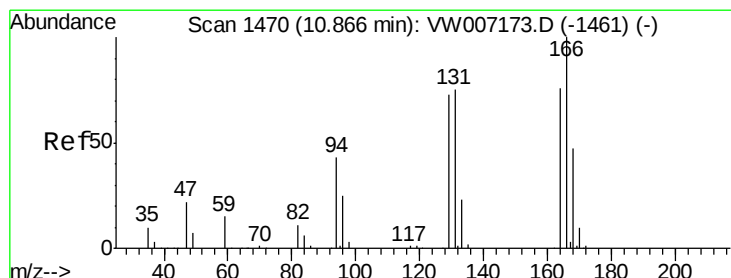
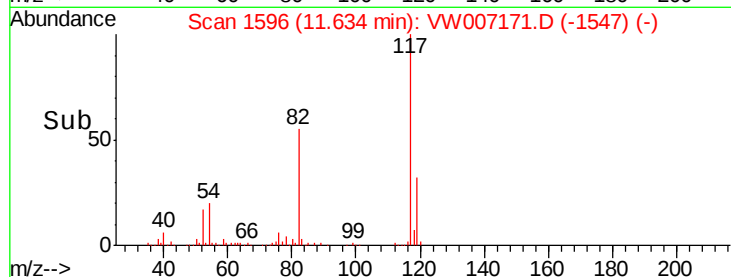
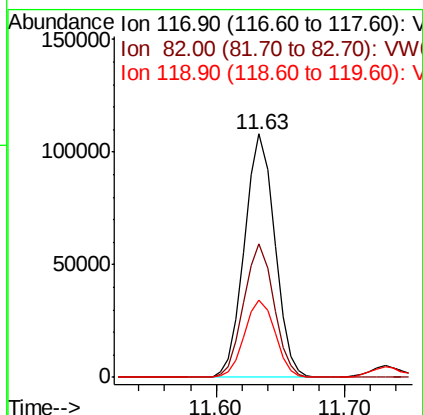
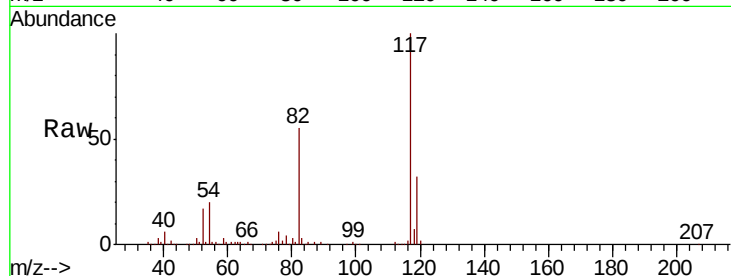




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

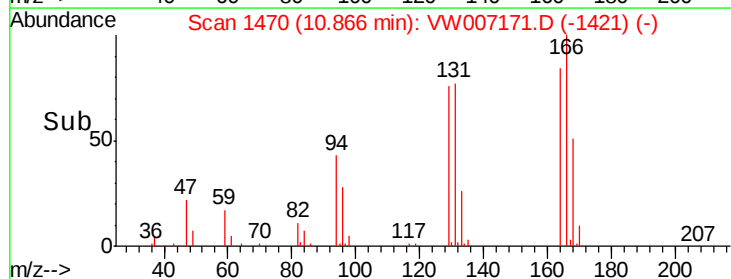
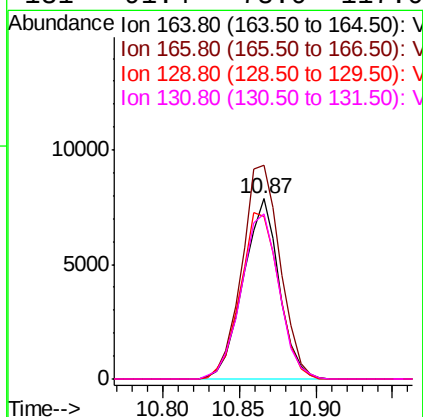
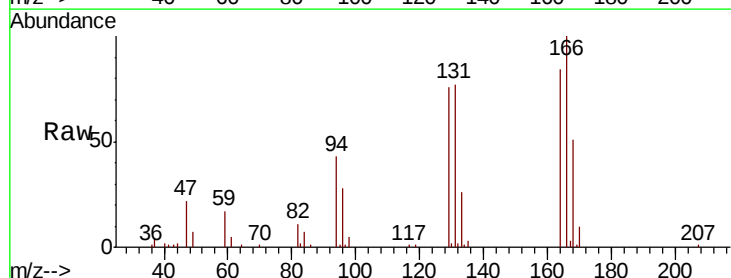
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

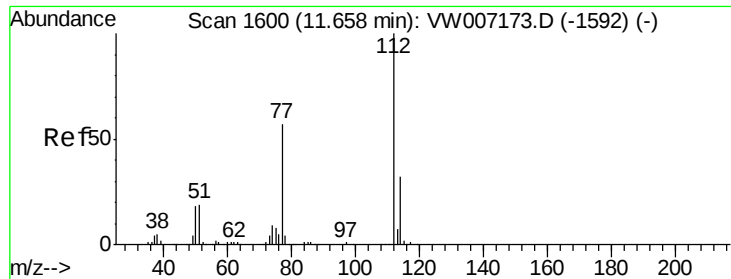
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.5	66.7
119	31.8	25.8	38.6



#64
Tetrachloroethene
Concen: 11.221 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.5	104.6	157.0
129	90.2	76.1	114.1
131	91.4	78.0	117.0

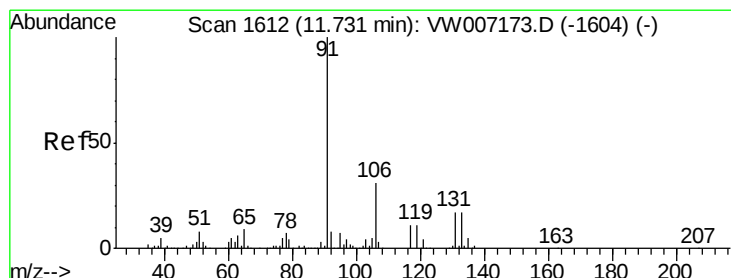
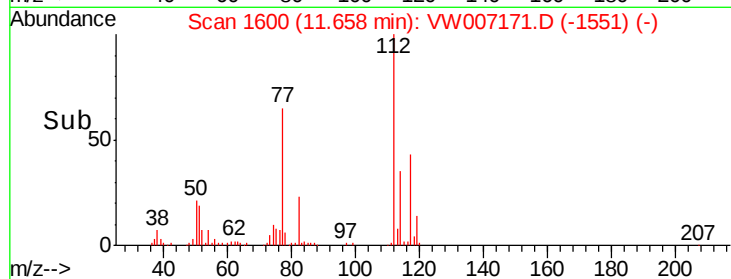
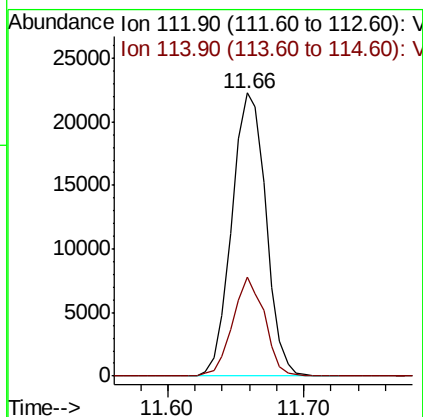
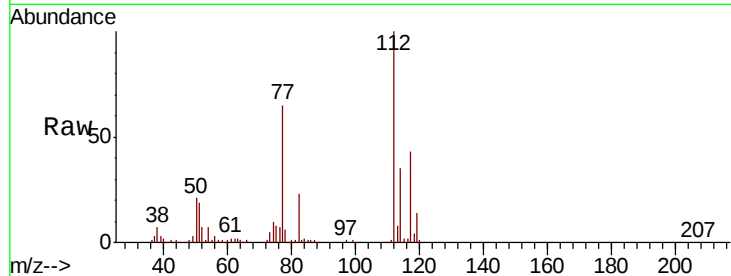




#65
Chlorobenzene
Concen: 10.638 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

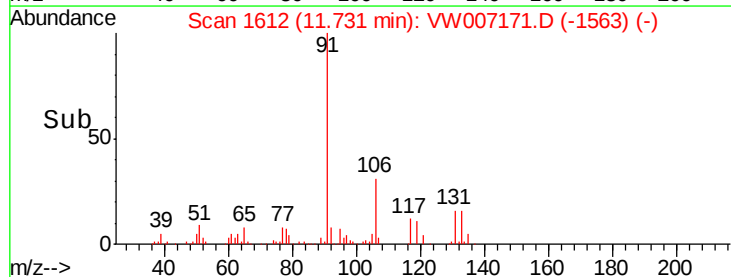
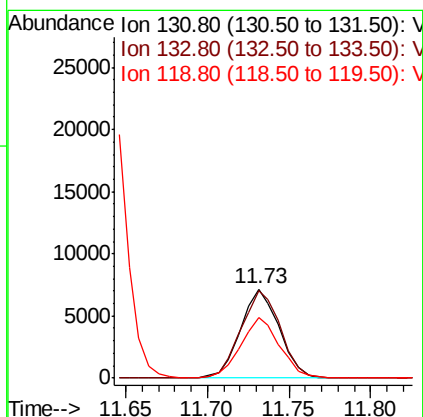
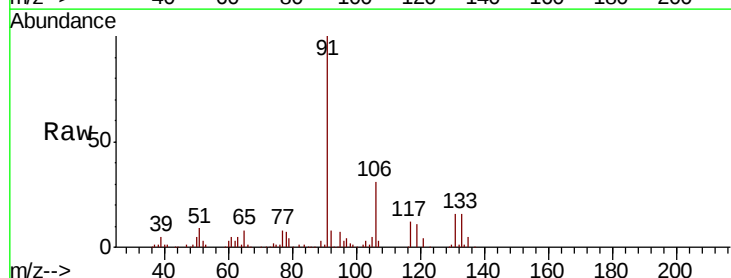
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

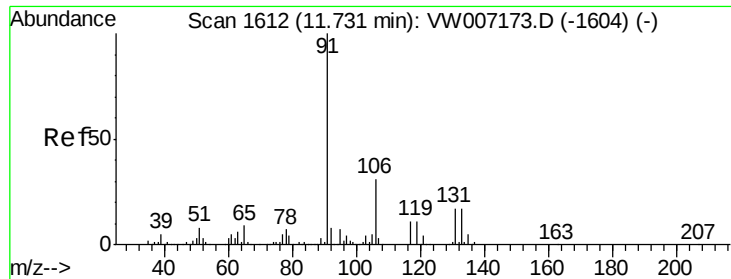
Tgt Ion:112 Resp: 38905
Ion Ratio Lower Upper
112 100
114 34.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.553 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion:131 Resp: 11830
Ion Ratio Lower Upper
131 100
133 100.2 47.6 142.8
119 68.2 31.7 95.1

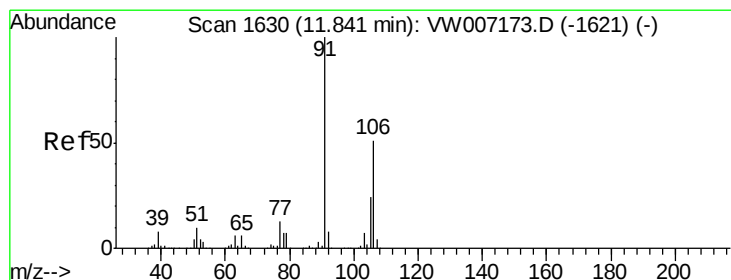
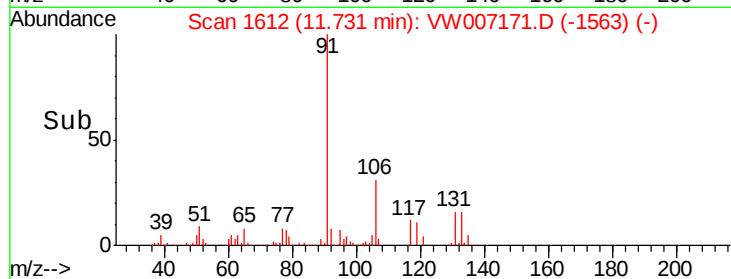
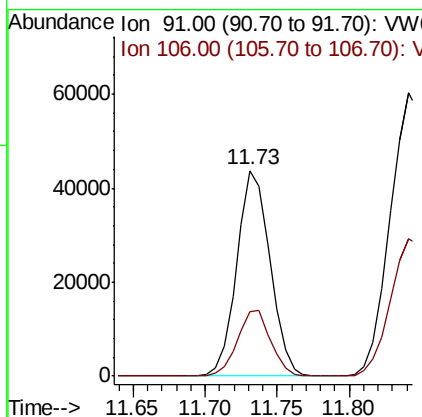
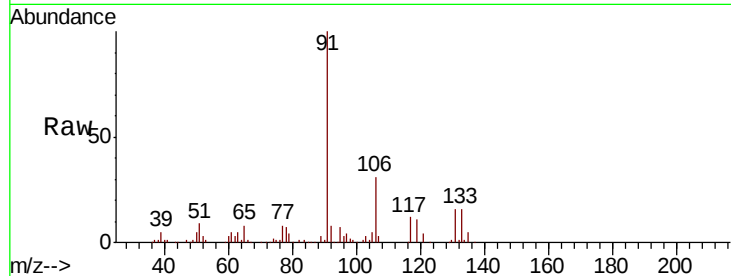




#67
Ethyl Benzene
Concen: 10.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

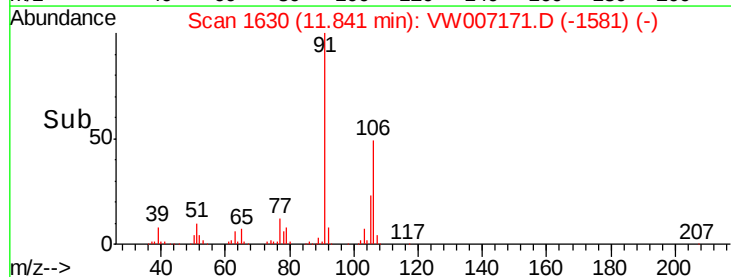
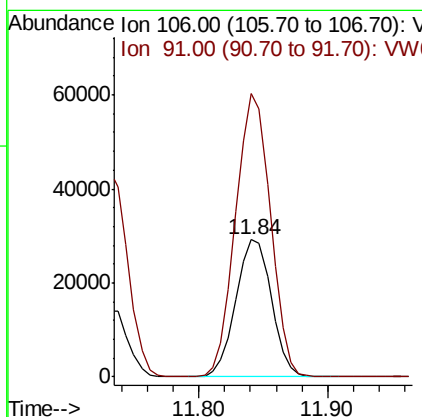
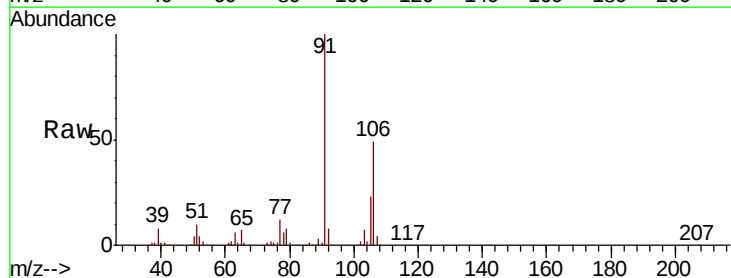
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

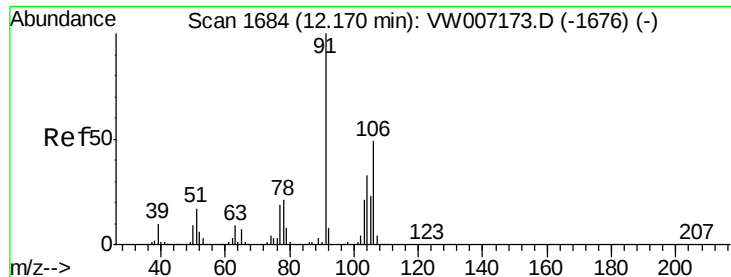
Tgt Ion: 91 Resp: 70346
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 21.294 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 106 Resp: 56064
Ion Ratio Lower Upper
106 100
91 202.9 161.4 242.2

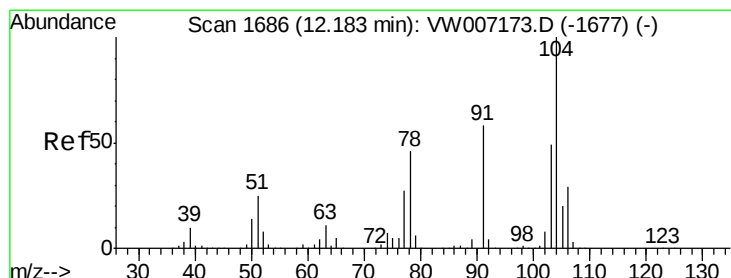
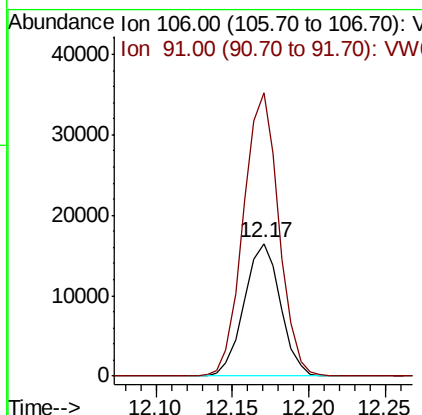
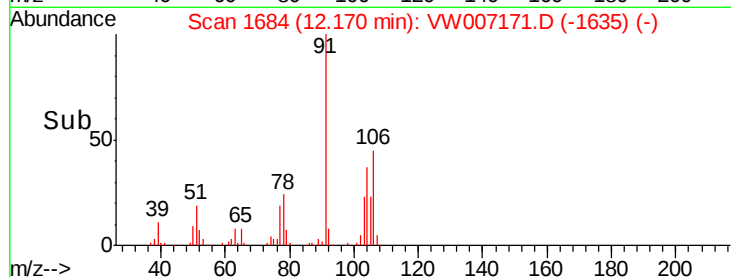
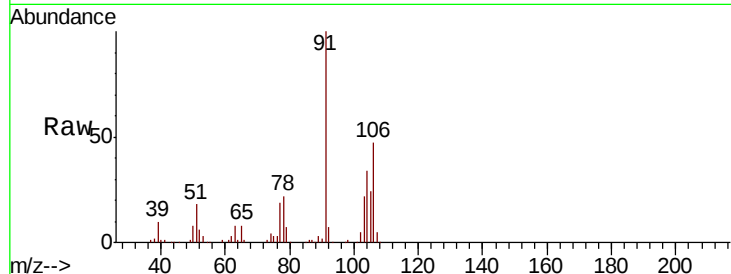




#69
o-Xylene
Concen: 10.952 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

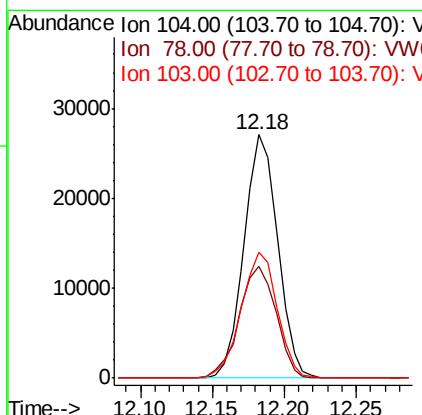
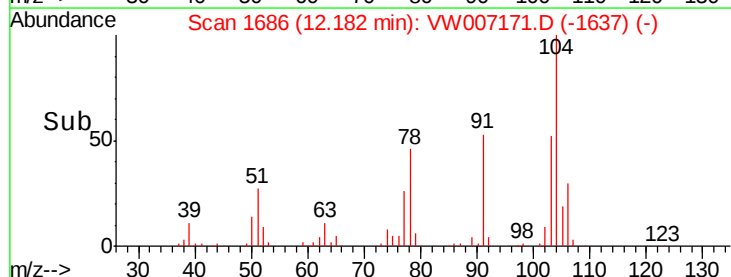
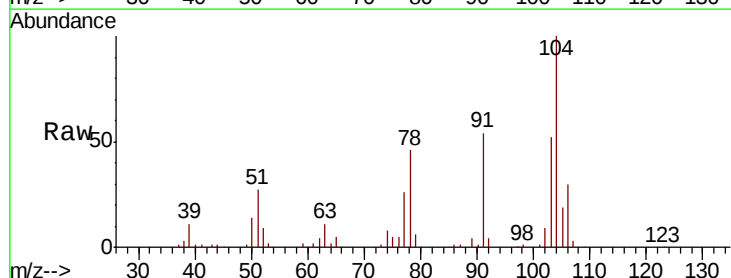
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

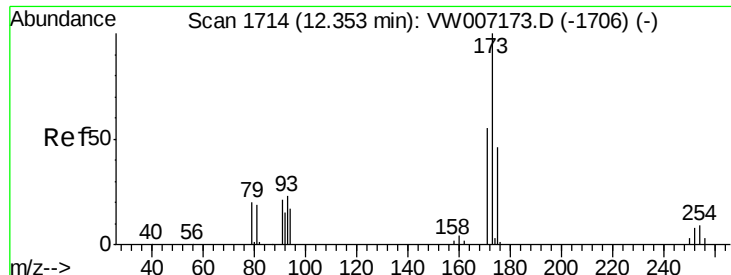
Tgt Ion:106 Resp: 27173
Ion Ratio Lower Upper
106 100
91 208.8 104.6 313.8



#70
Styrene
Concen: 11.081 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion:104 Resp: 43901
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 55.3 43.7 65.5

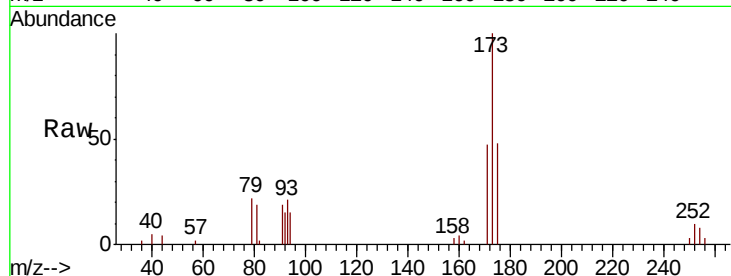




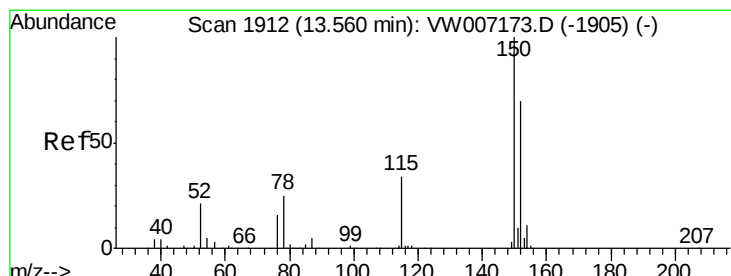
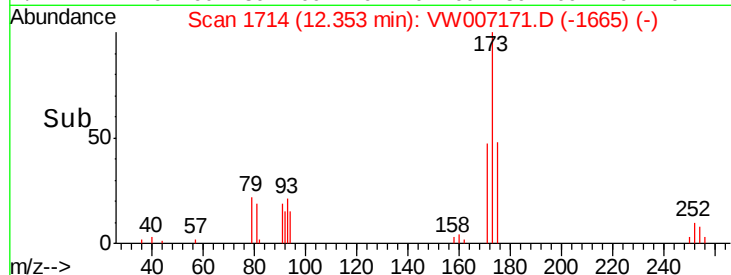
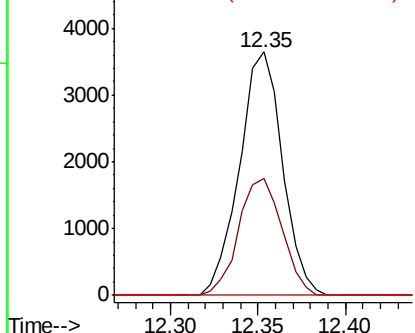
#71
Bromoform
Concen: 11.689 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 6232
Ion Ratio Lower Upper
173 100
175 48.6 23.5 70.5
254 0.0 0.0 0.0

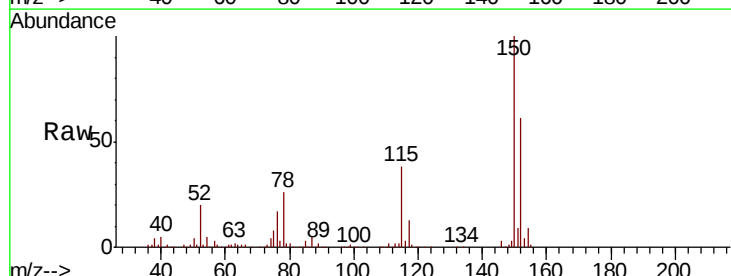


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

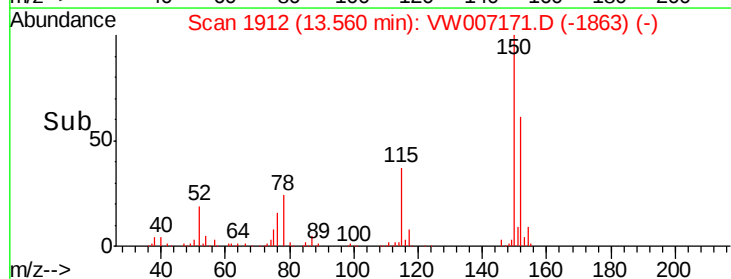
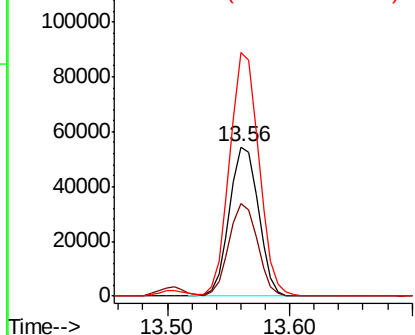


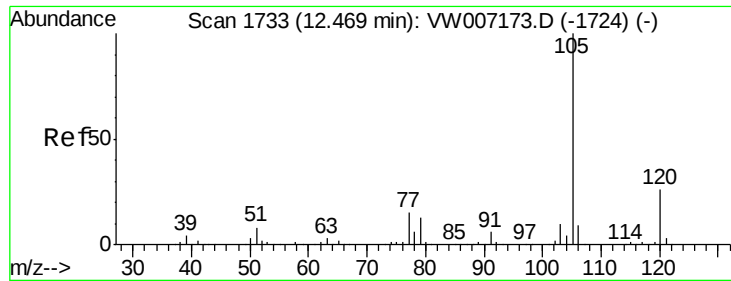
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion:152 Resp: 89761
Ion Ratio Lower Upper
152 100
115 60.9 29.6 88.9
150 164.2 0.0 341.6



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: 10.339 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

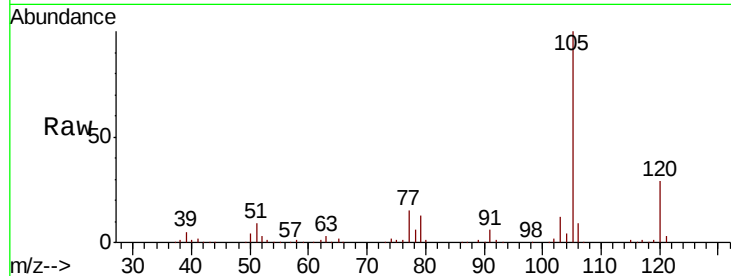
VSTDIC010

Tgt Ion:105 Resp: 71277

Ion Ratio Lower Upper

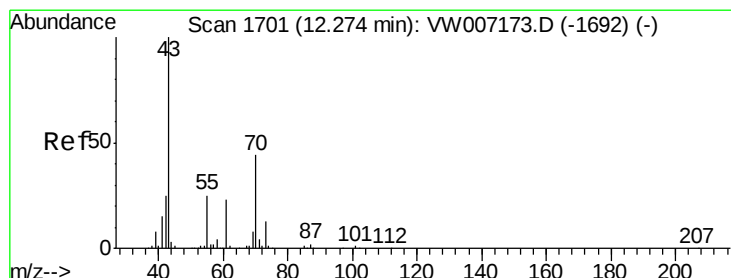
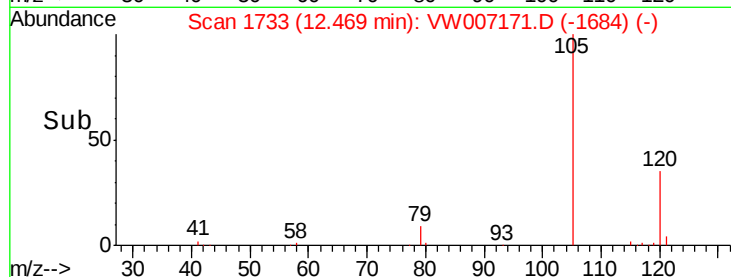
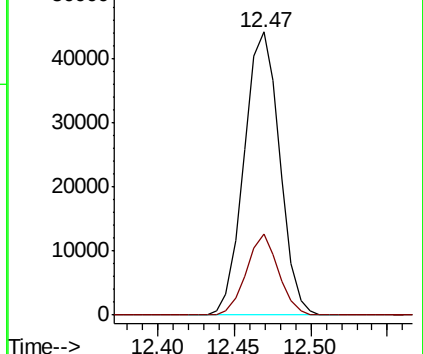
105 100

120 25.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 12.683 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Tgt Ion: 43 Resp: 14926

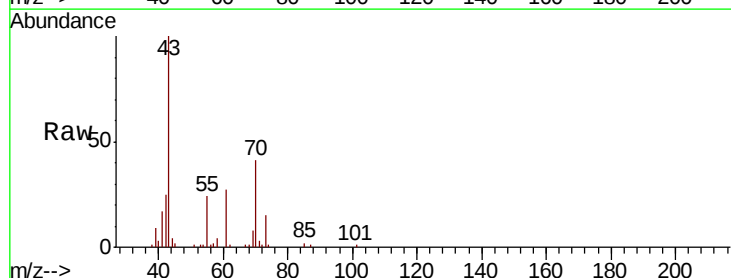
Ion Ratio Lower Upper

43 100

70 43.4 35.1 52.7

55 25.2 19.4 29.2

61 25.0 19.4 29.2

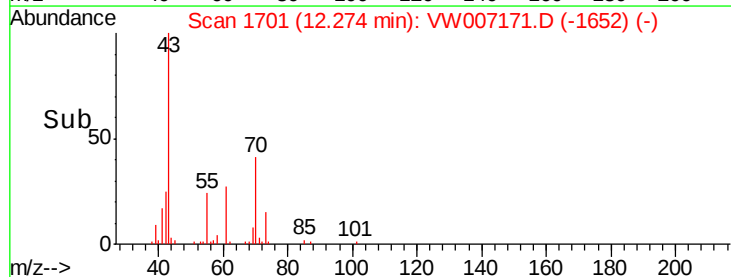
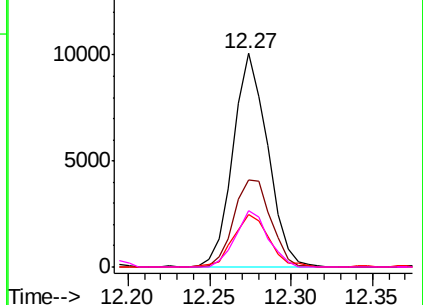


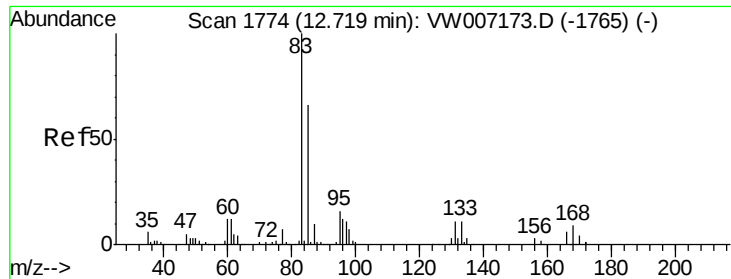
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 12.108 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

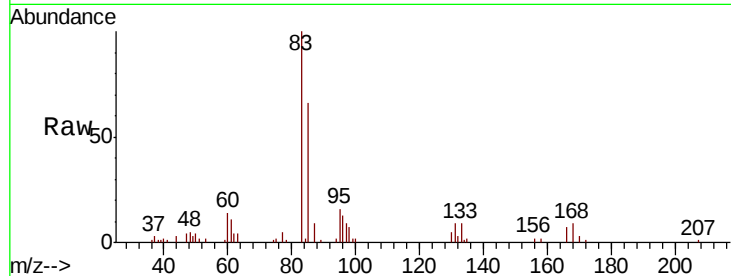
Tgt Ion: 83 Resp: 11260

Ion Ratio Lower Upper

83 100

131 10.4 6.2 18.6

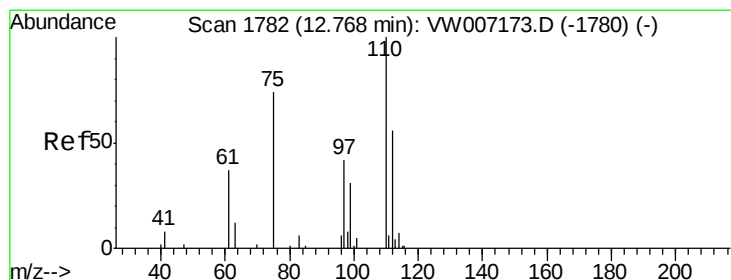
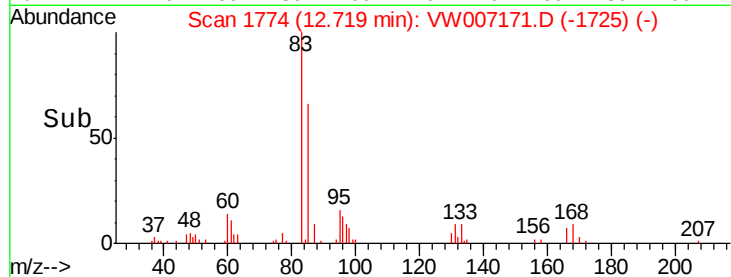
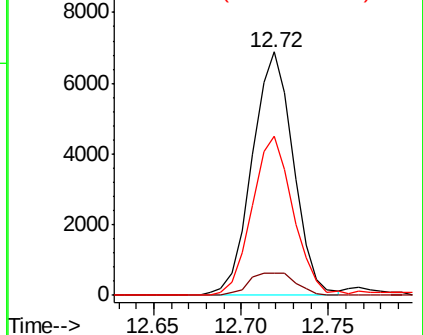
85 65.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 20.794 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007171.D

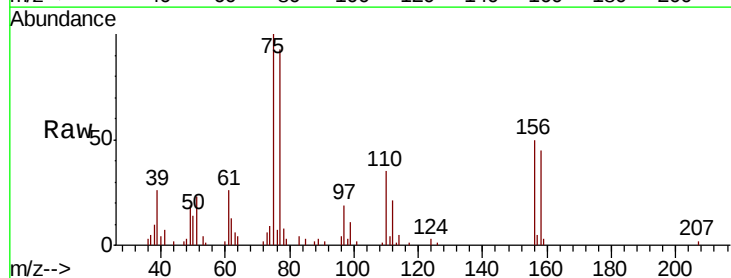
Acq: 04 Dec 2018 00:27

Tgt Ion: 75 Resp: 15131

Ion Ratio Lower Upper

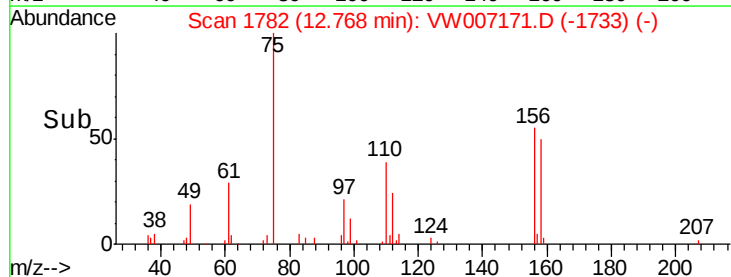
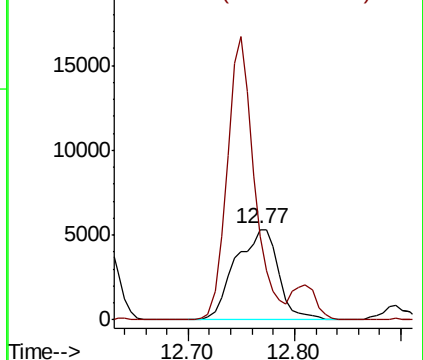
75 100

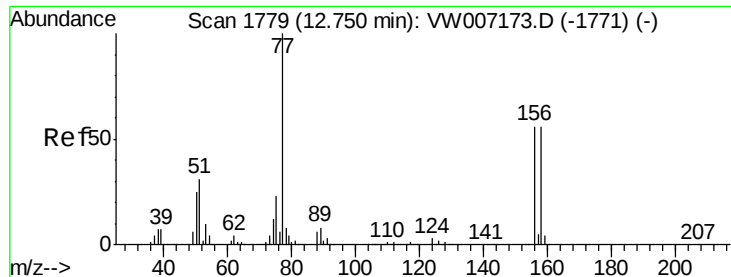
77 198.6 186.5 559.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.946 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

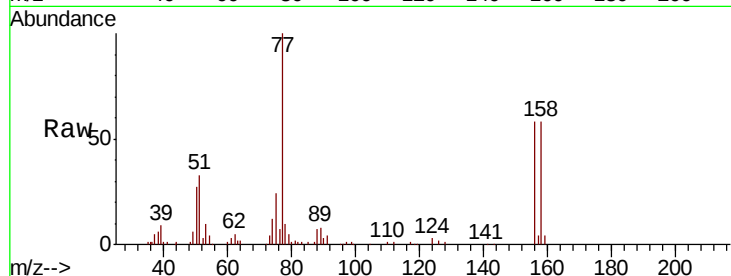
Tgt Ion:156 Resp: 16250

Ion Ratio Lower Upper

156 100

77 184.9 95.0 285.2

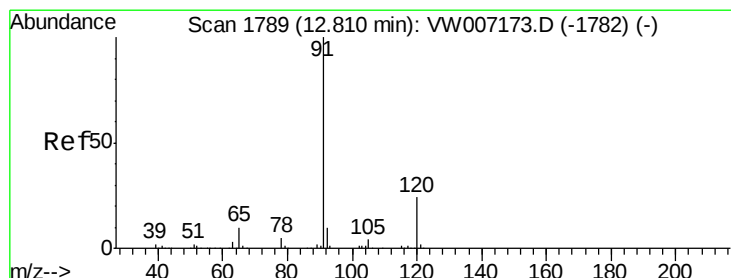
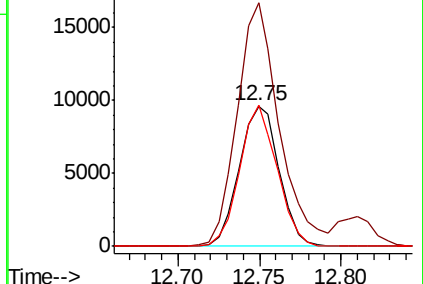
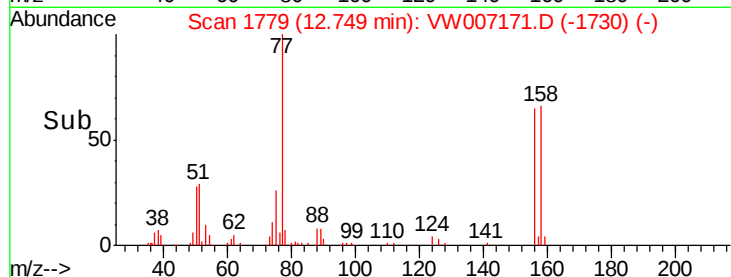
158 94.8 49.7 149.1



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: 10.262 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007171.D

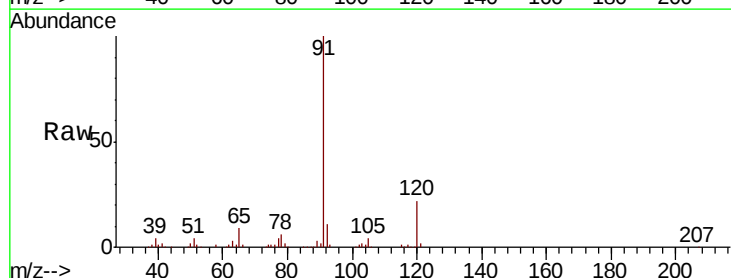
Acq: 04 Dec 2018 00:27

Tgt Ion: 91 Resp: 85488

Ion Ratio Lower Upper

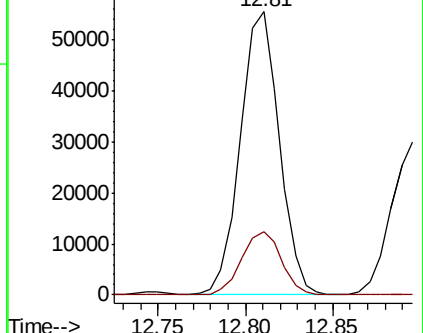
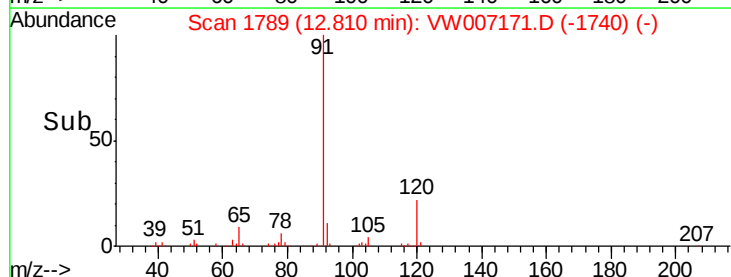
91 100

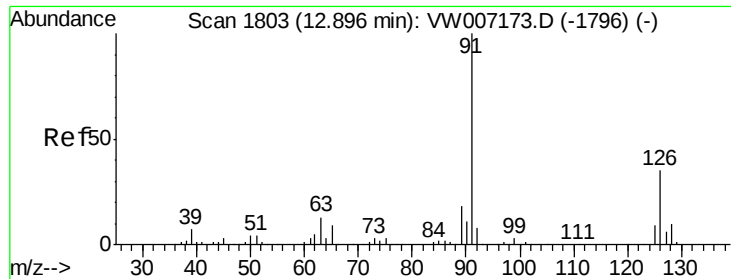
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.138 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

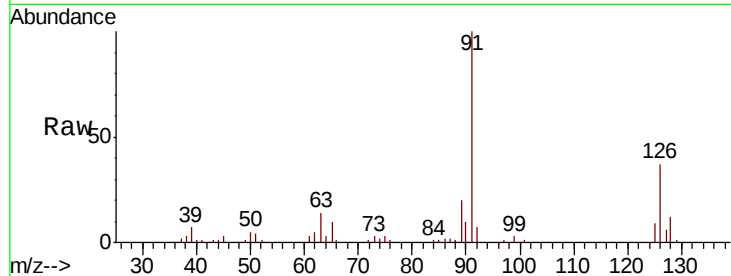
VSTDIC010

Tgt Ion: 91 Resp: 48786

Ion Ratio Lower Upper

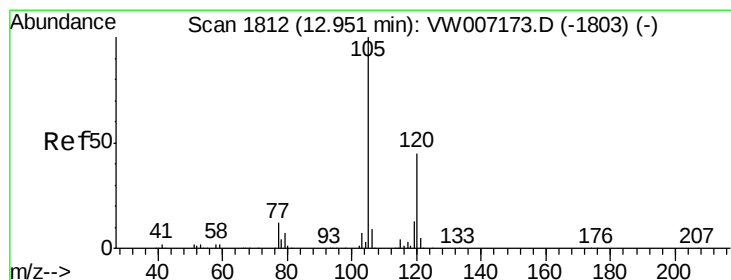
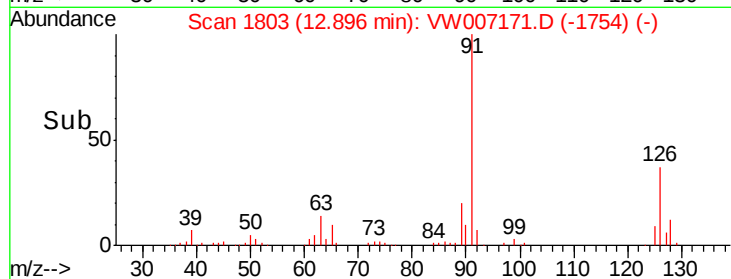
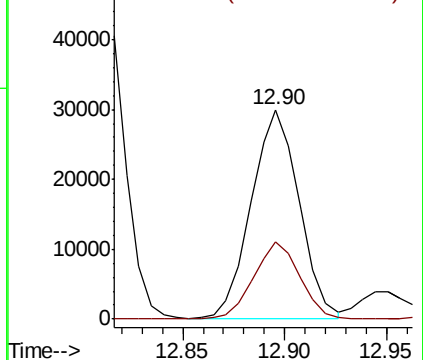
91 100

126 35.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.193 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007171.D

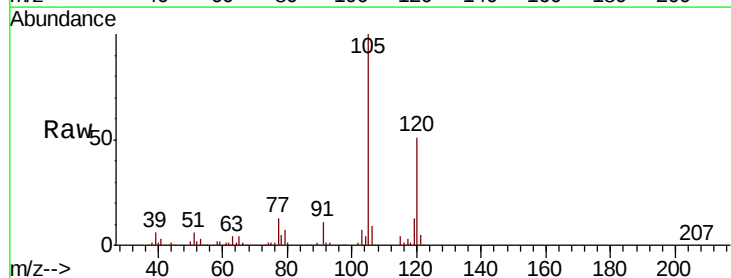
Acq: 04 Dec 2018 00:27

Tgt Ion: 105 Resp: 60759

Ion Ratio Lower Upper

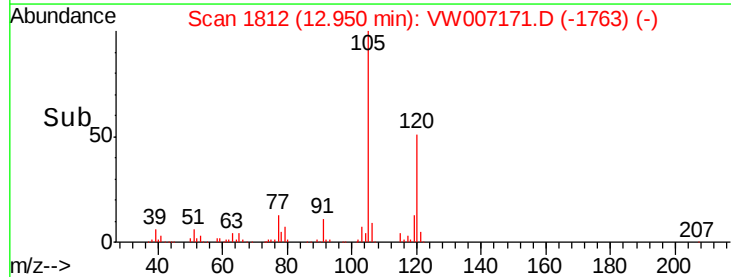
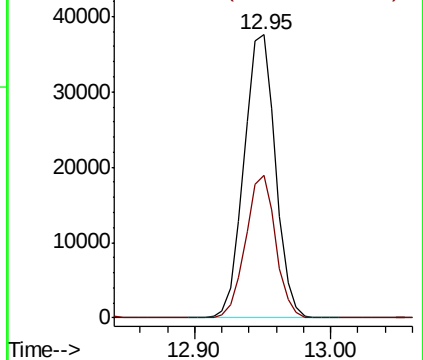
105 100

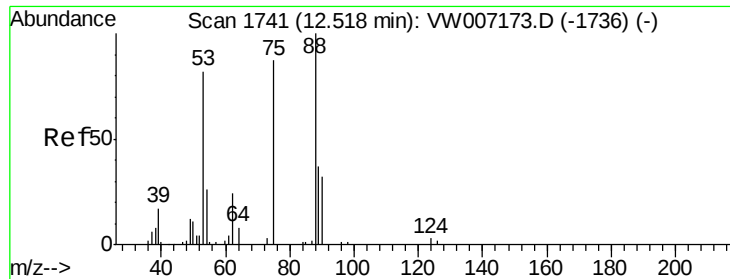
120 48.1 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

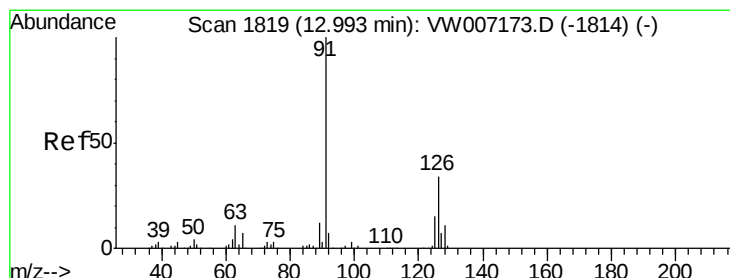
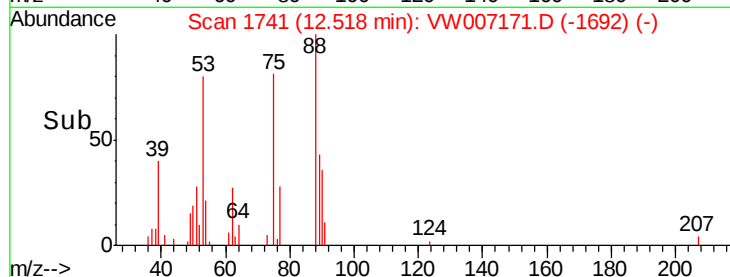
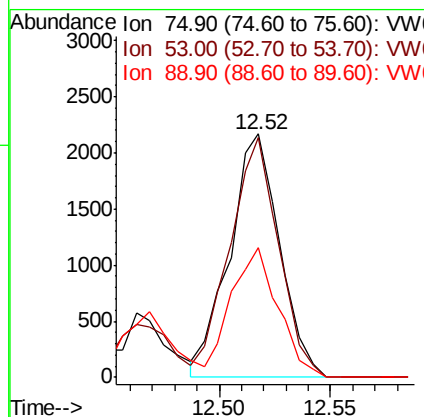
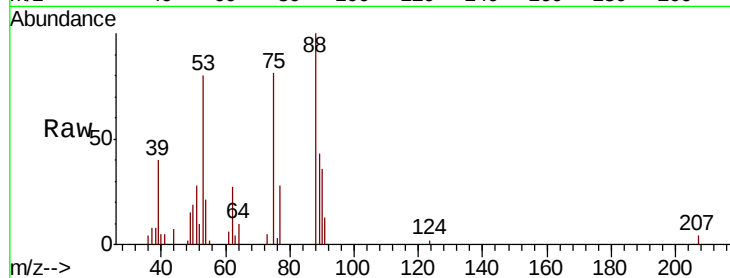




#81
trans-1,4-Dichloro-2-butene
Concen: 11.988 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

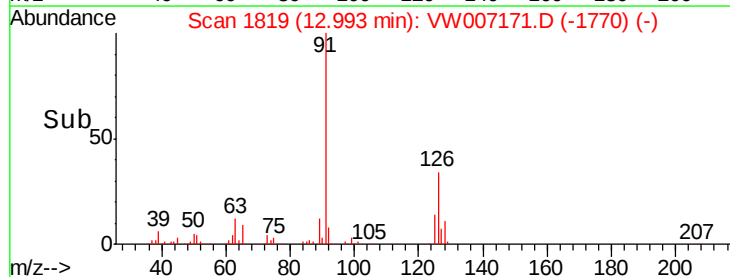
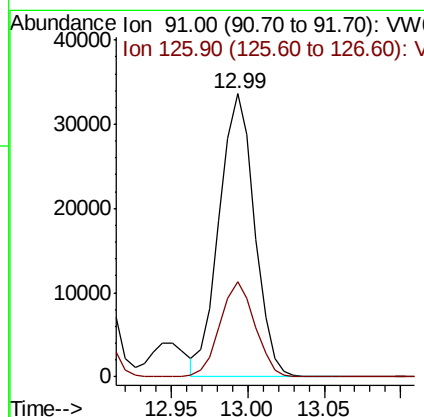
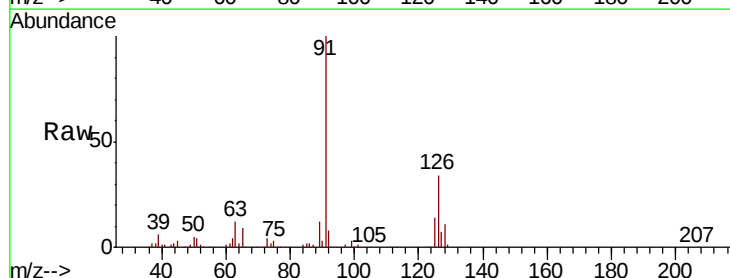
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

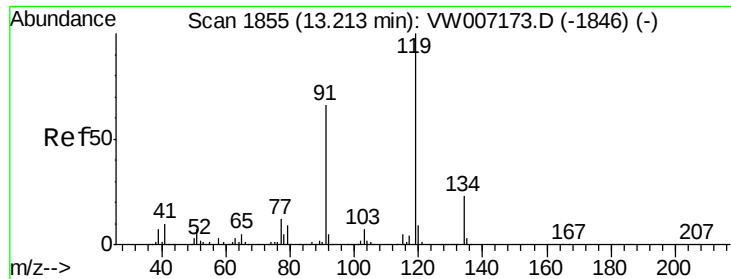
Tgt Ion: 75 Resp: 3398
Ion Ratio Lower Upper
75 100
53 96.6 73.5 110.3
89 49.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 10.689 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion: 91 Resp: 53913
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.7

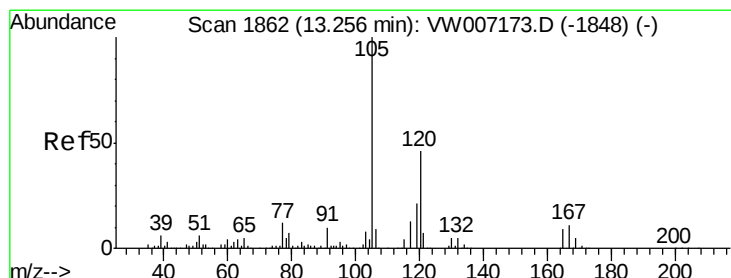
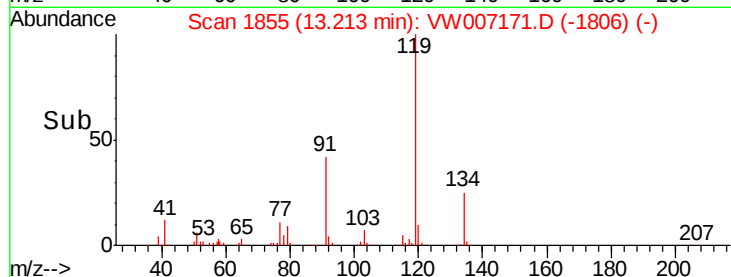
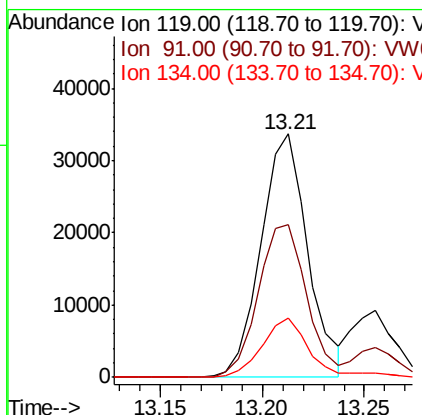
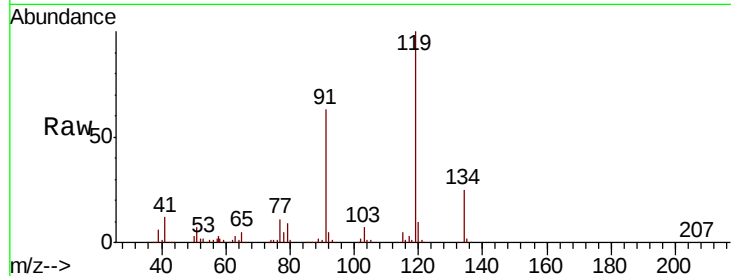




#83
 tert-Butylbenzene
 Concen: 10.434 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

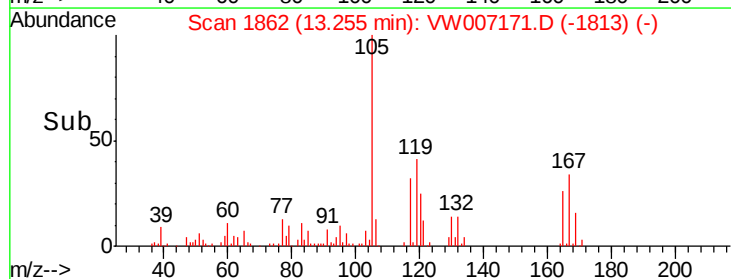
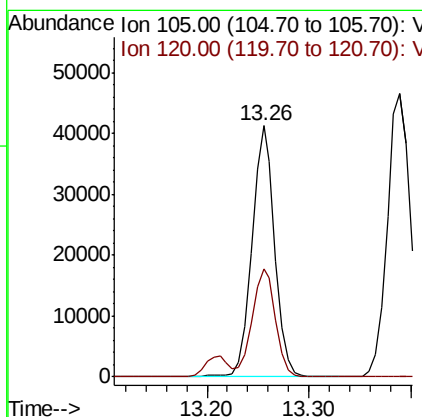
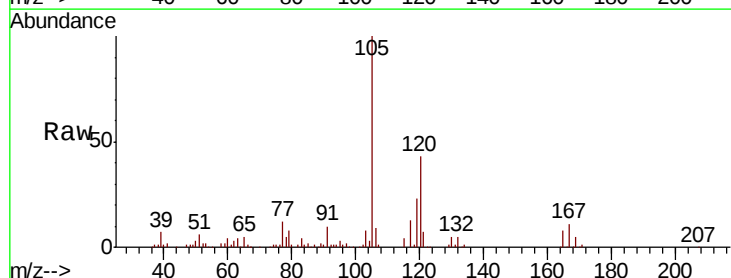
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

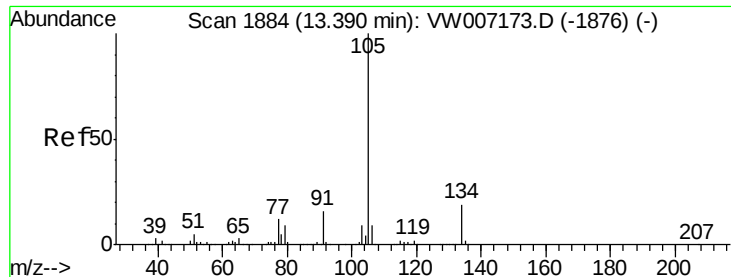
Tgt Ion:119 Resp: 53936
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.3 99.8
 134 25.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 10.746 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion:105 Resp: 63900
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0

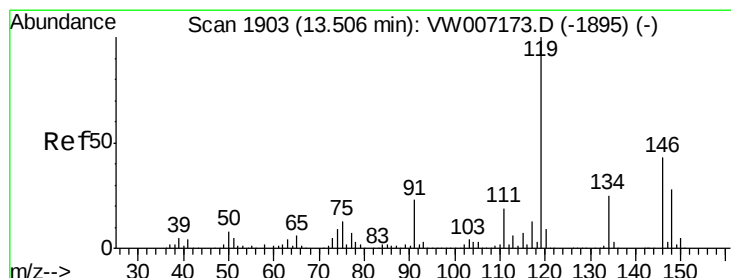
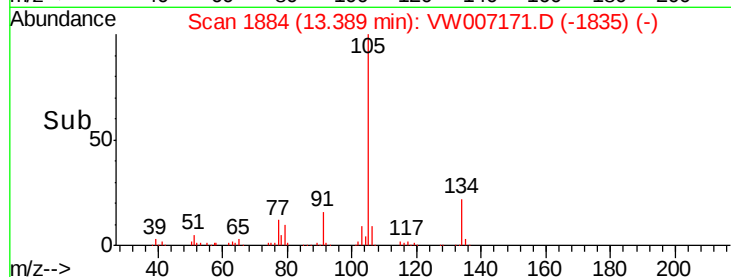
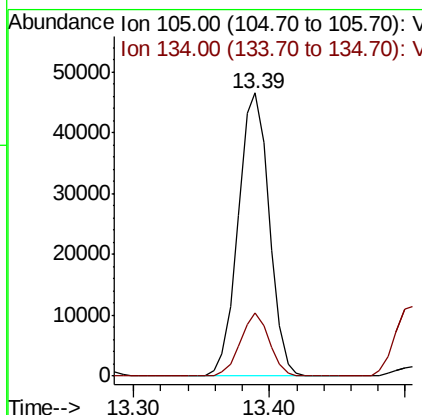
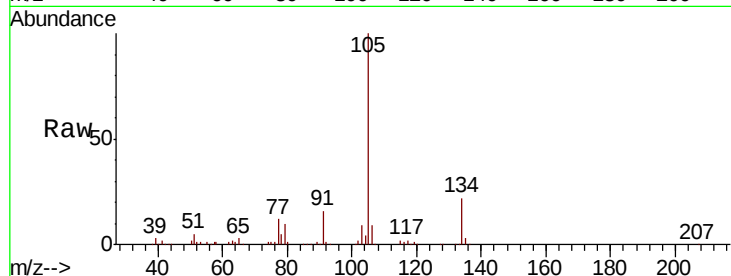




#85
 sec-Butylbenzene
 Concen: 10.179 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

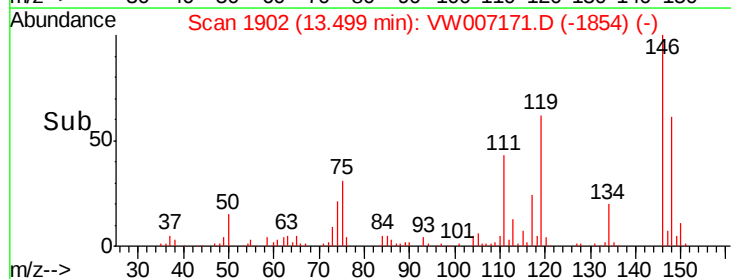
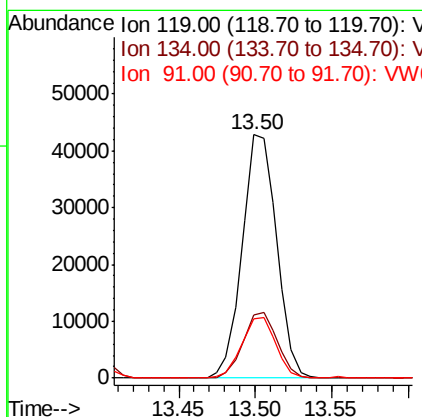
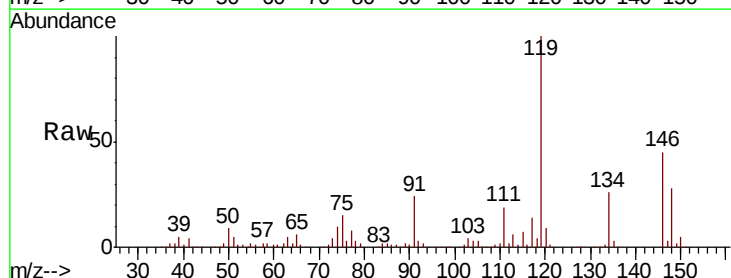
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

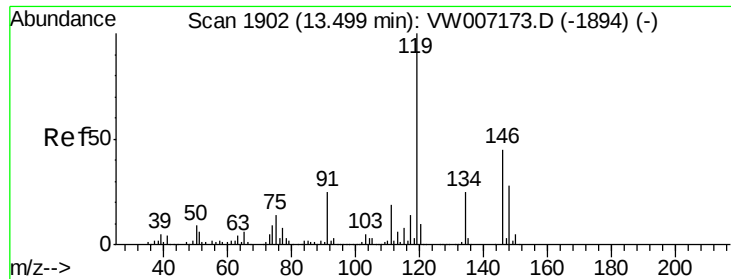
Tgt Ion:105 Resp: 74097
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 10.442 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion:119 Resp: 67143
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.7 38.0
 91 24.7 11.9 35.7

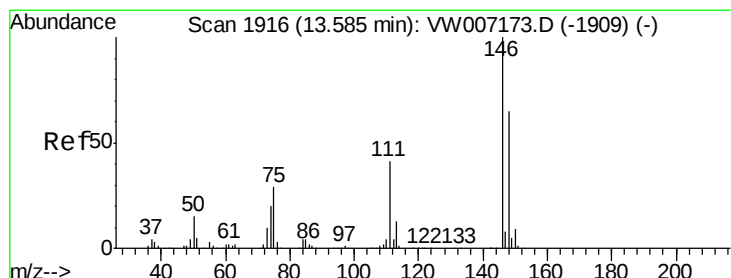
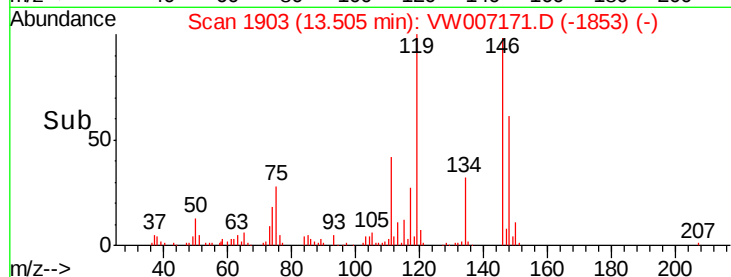
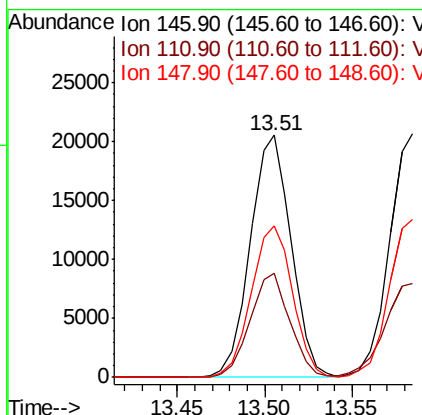
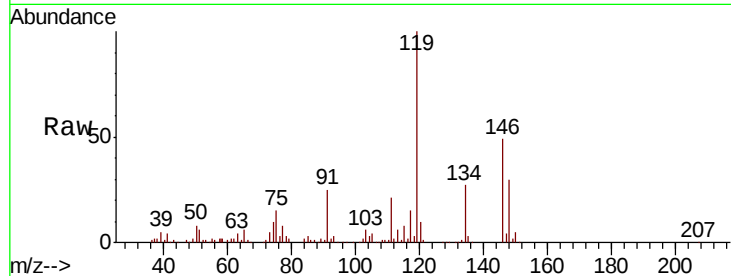




#87
 1,3-Dichlorobenzene
 Concen: 10.999 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

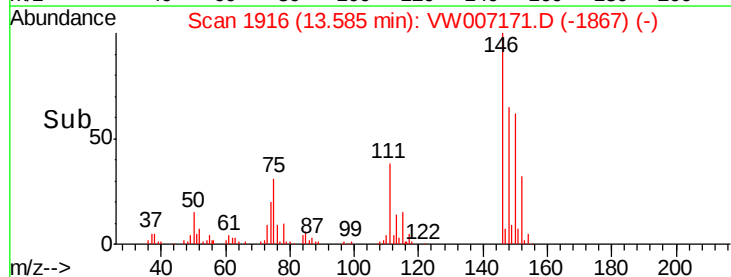
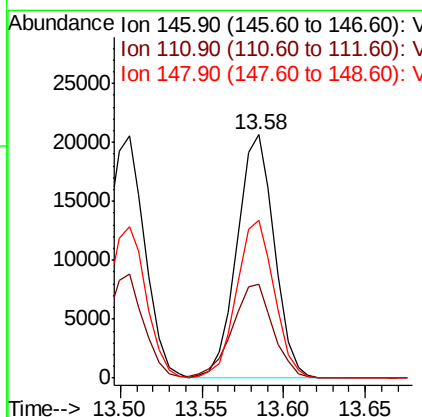
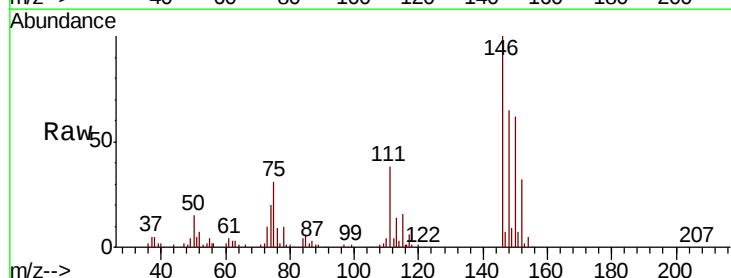
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

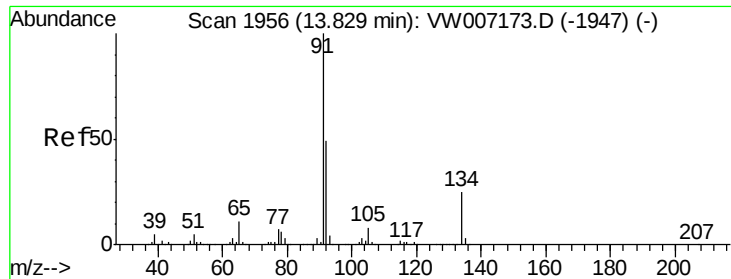
Tgt Ion:146 Resp: 33252
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.4 64.3
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 10.866 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion:146 Resp: 32930
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.9
 148 65.4 31.9 95.5





#89

n-Butylbenzene

Concen: 10.538 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007171.D

Acq: 04 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

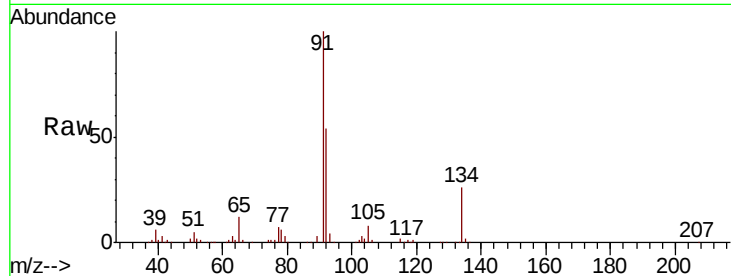
Tgt Ion: 91 Resp: 63652

Ion Ratio Lower Upper

91 100

92 54.0 25.4 76.4

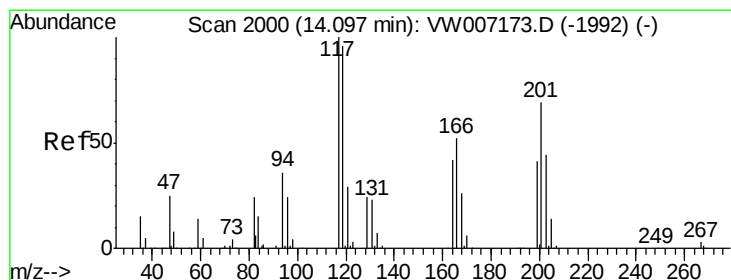
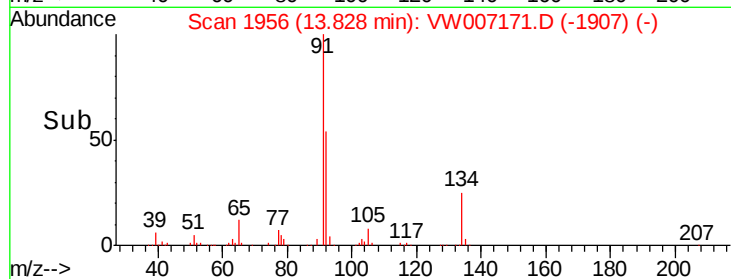
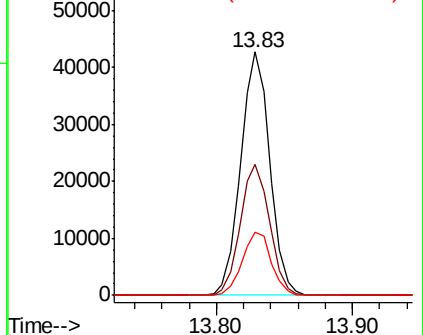
134 26.0 13.1 39.1



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: 10.476 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007171.D

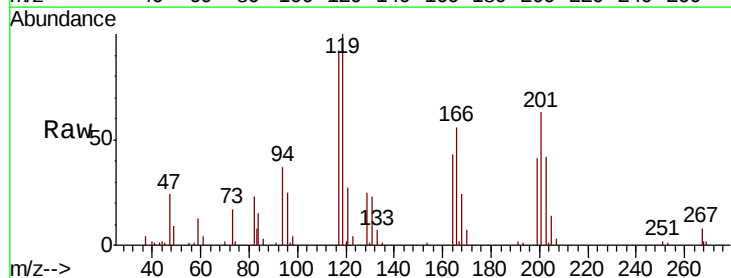
Acq: 04 Dec 2018 00:27

Tgt Ion: 117 Resp: 9958

Ion Ratio Lower Upper

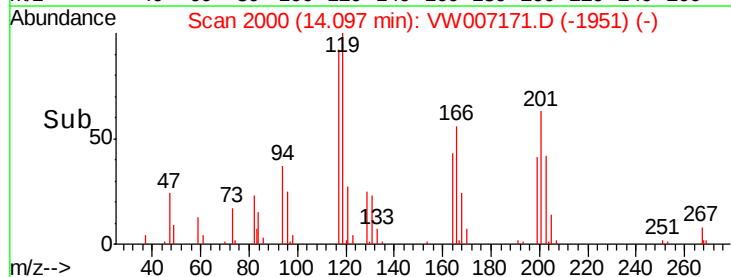
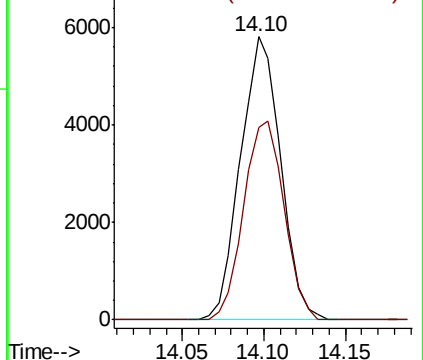
117 100

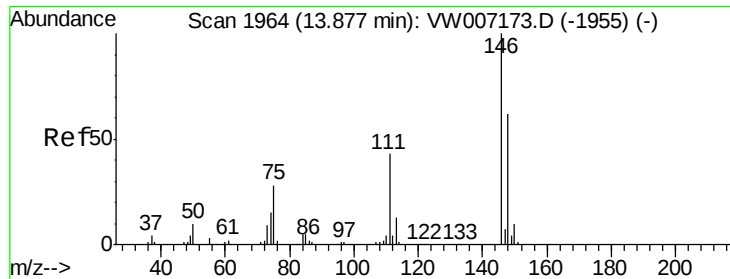
201 70.4 36.5 109.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

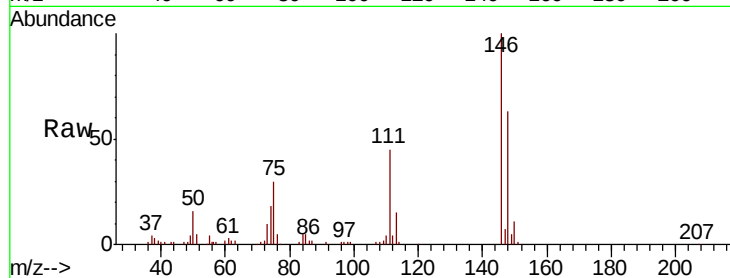




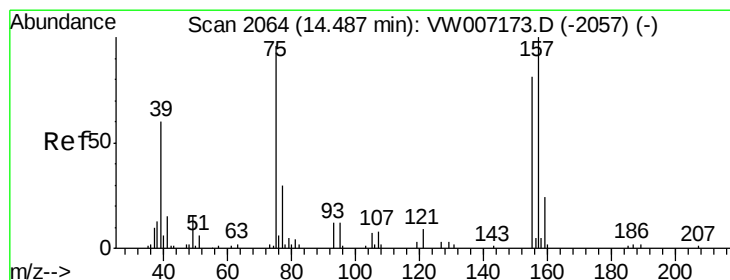
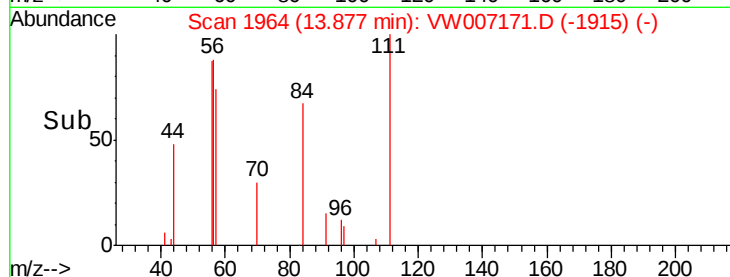
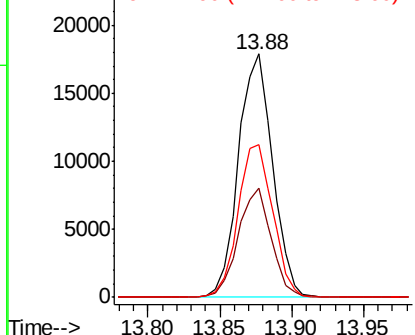
#91
 1,2-Dichlorobenzene
 Concen: 11.051 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 29381
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.9 65.7
 148 63.7 31.9 95.9

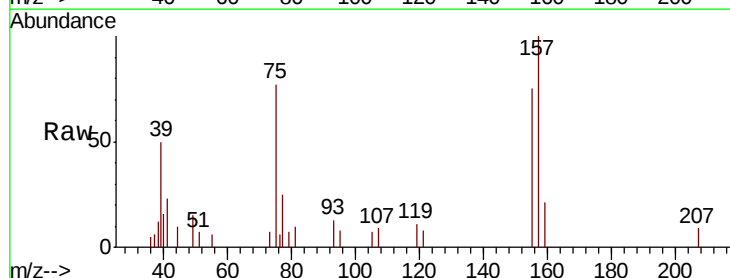


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

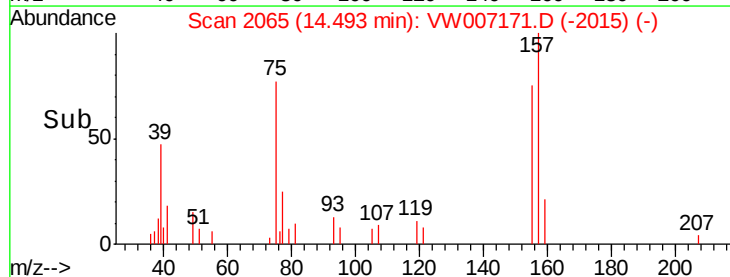
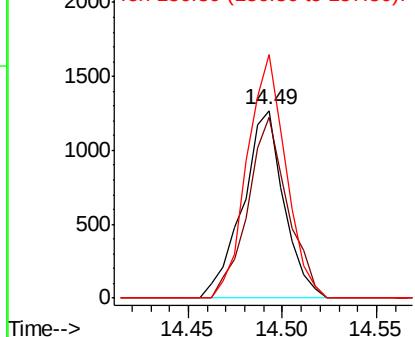


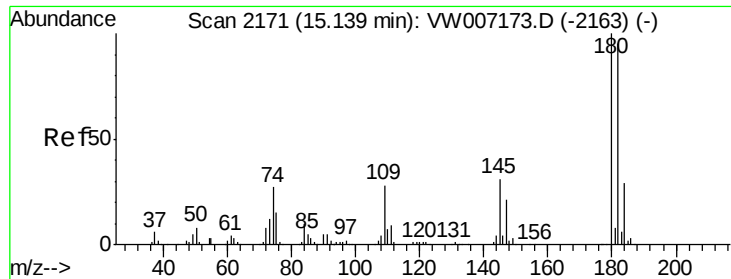
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.048 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion: 75 Resp: 1926
 Ion Ratio Lower Upper
 75 100
 155 93.3 42.6 127.8
 157 121.4 53.6 160.8



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

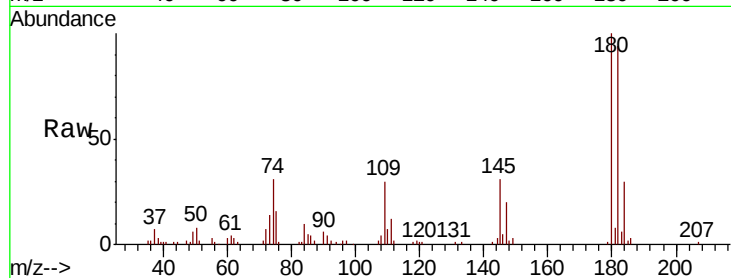




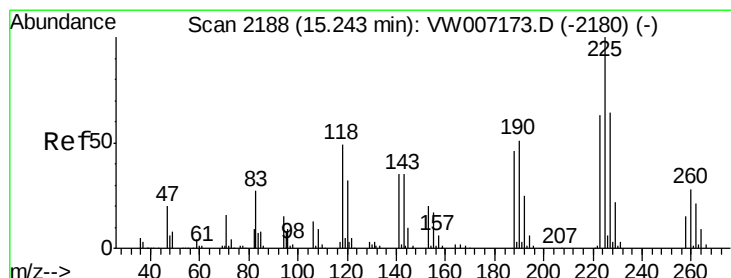
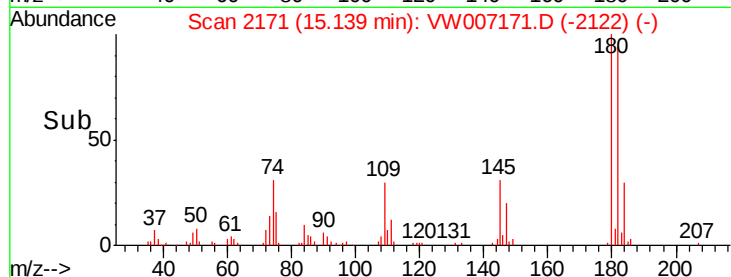
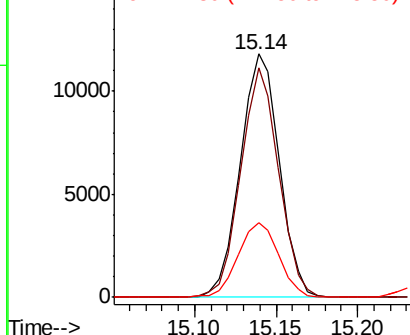
#93
 1,2,4-Trichlorobenzene
 Concen: 11.152 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 19690
 Ion Ratio Lower Upper
 180 100
 182 91.5 47.1 141.4
 145 31.9 16.1 48.3

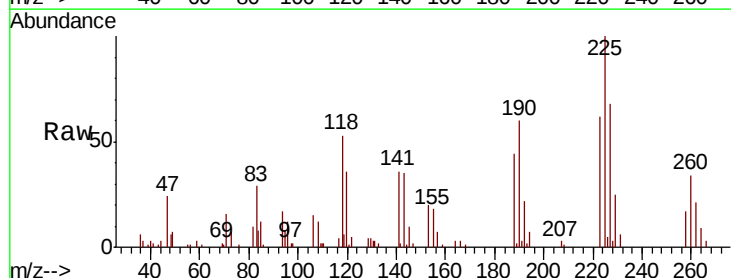


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

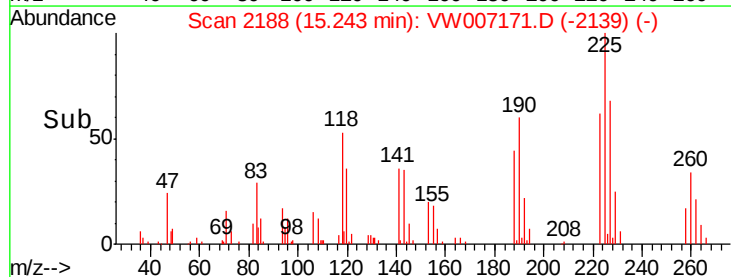
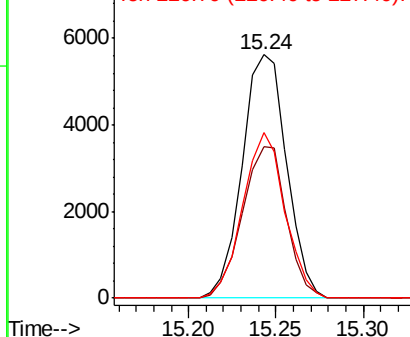


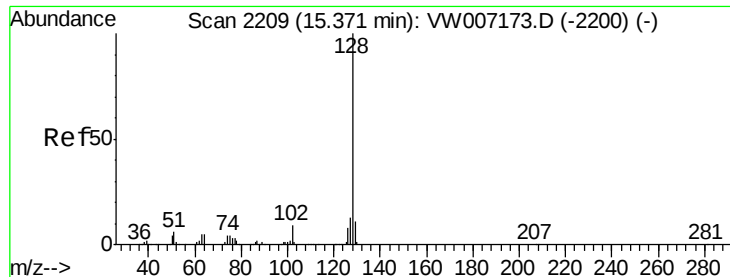
#94
 Hexachlorobutadiene
 Concen: 10.480 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007171.D
 Acq: 04 Dec 2018 00:27

Tgt Ion:225 Resp: 9922
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.1 96.3
 227 64.6 32.3 96.8



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

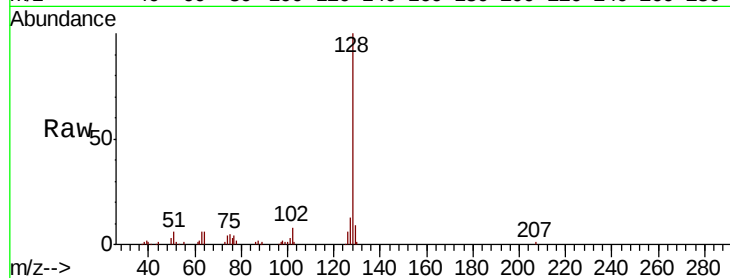




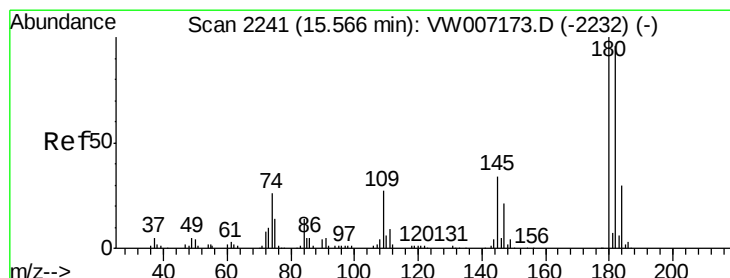
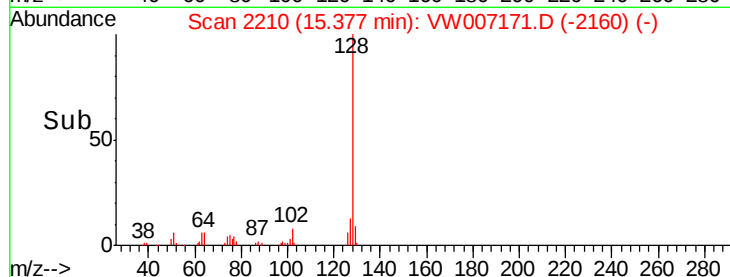
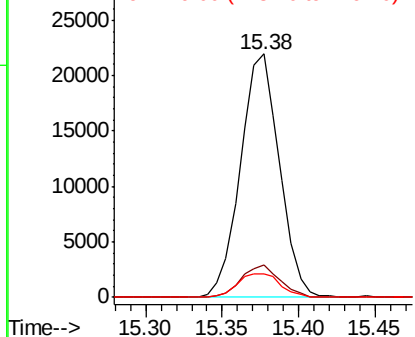
#95
Naphthalene
Concen: 12.052 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 38770
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8

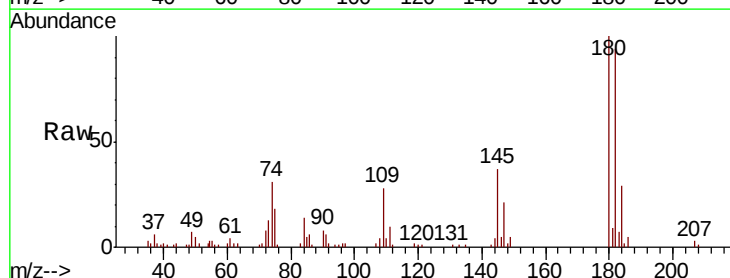


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 11.392 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007171.D
Acq: 04 Dec 2018 00:27

Tgt Ion:180 Resp: 16682
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 35.7 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

