

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007172.D
 Acq On : 04 Dec 2018 00:53
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 04 03:47:37 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	119064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	180371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23010	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
35) Dibromofluoromethane	7.88	113	21576	20.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.78%	
50) Toluene-d8	10.33	98	92482	19.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.84%	
62) 4-Bromofluorobenzene	12.62	95	36229	19.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	27204	23.411	ug/l	100
3) Chloromethane	2.21	50	43353	40.066	ug/l	95
4) Vinyl Chloride	2.35	62	20092	21.148	ug/l	95
5) Bromomethane	2.73	94	8133	16.772	ug/l	94
6) Chloroethane	2.90	64	11325	21.587	ug/l	96
7) Trichlorofluoromethane	3.25	101	40661	21.603	ug/l	99
8) Diethyl Ether	3.68	74	12551	20.600	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24073	19.777	ug/l	98
10) Methyl Iodide	4.27	142	12714	10.012	ug/l	98
11) Tert butyl alcohol	5.15	59	15629	192.728	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	22967	21.357	ug/l	98
13) Acrolein	3.89	56	8490	108.036	ug/l	95
14) Allyl chloride	4.67	41	38632	21.624	ug/l	99
15) Acrylonitrile	5.37	53	26277	113.888	ug/l	99
16) Acetone	4.12	43	21586	122.618	ug/l	97
17) Carbon Disulfide	4.37	76	80249	22.857	ug/l	100
18) Methyl Acetate	4.67	43	14392	23.691	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	60472	21.643	ug/l	98
20) Methylene Chloride	4.91	84	28678	17.164	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26589	21.172	ug/l	95
22) Diisopropyl ether	6.31	45	71274	20.590	ug/l	96
23) Vinyl Acetate	6.25	43	198369	108.109	ug/l	96
24) 1,1-Dichloroethane	6.21	63	46155	21.855	ug/l	99
25) 2-Butanone	7.17	43	30642	105.679	ug/l	96
26) 2,2-Dichloropropane	7.17	77	38559	20.393	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	29209	21.775	ug/l	99
28) Bromochloromethane	7.51	49	16960	21.556	ug/l	98
29) Tetrahydrofuran	7.53	42	21373	114.011	ug/l	97
30) Chloroform	7.68	83	47647	21.216	ug/l	92
31) Cyclohexane	7.95	56	44330	20.071	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	41932	20.759	ug/l	99
36) 1,1-Dichloropropene	8.08	75	37978	20.945	ug/l	98
37) Ethyl Acetate	7.25	43	13500	20.321	ug/l	98
38) Carbon Tetrachloride	8.07	117	36291	20.792	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	47180	20.772	ug/l	98
40) Benzene	8.32	78	104880	21.288	ug/l	97
41) Methacrylonitrile	7.48	41	9637	23.136	ug/l	99
42) 1,2-Dichloroethane	8.40	62	30258	21.172	ug/l	99
43) Isopropyl Acetate	8.42	43	27542	21.636	ug/l	97
44) Trichloroethene	9.10	130	29617	21.432	ug/l	96
45) 1,2-Dichloropropane	9.37	63	25611	21.205	ug/l	97
46) Dibromomethane	9.46	93	13576	22.160	ug/l	98
47) Bromodichloromethane	9.65	83	35053	21.830	ug/l	97
48) Methyl methacrylate	9.44	41	13811	22.582	ug/l	97
49) 1,4-Dioxane	9.45	88	4398	471.644	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	66610	104.135	ug/l	99
52) Toluene	10.39	92	71737	21.396	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	34567	22.166	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	40799	21.835	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	19342	21.587	ug/l	97
56) Ethyl methacrylate	10.65	69	24301	23.027	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32840	21.861	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	52640	98.578	ug/l	98
59) 2-Hexanone	10.97	43	45118	103.317	ug/l	99
60) Dibromochloromethane	11.13	129	23429	22.773	ug/l	100
61) 1,2-Dibromoethane	11.24	107	18632	22.515	ug/l	99
64) Tetrachloroethene	10.87	164	25601	21.865	ug/l	95
65) Chlorobenzene	11.66	112	78682	20.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24900	21.655	ug/l	97
67) Ethyl Benzene	11.73	91	143566	20.872	ug/l	100
68) m/p-Xylenes	11.84	106	113044	41.860	ug/l	100
69) o-Xylene	12.17	106	52549	20.650	ug/l	95
70) Styrene	12.18	104	86503	21.288	ug/l	99
71) Bromoform	12.35	173	12726	23.271	ug/l #	96
73) Isopropylbenzene	12.47	105	144518	20.570	ug/l	98
74) N-amyl acetate	12.27	43	27480	22.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	20706	21.847	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	28098	37.890	ug/l #	1
77) Bromobenzene	12.75	156	31916	21.096	ug/l	95
78) n-propylbenzene	12.81	91	173262	20.408	ug/l	99
79) 2-Chlorotoluene	12.90	91	100370	20.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	125646	20.683	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	6349	21.979	ug/l	96
82) 4-Chlorotoluene	12.99	91	107304	20.876	ug/l	99
83) tert-Butylbenzene	13.21	119	107797	20.462	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	125563	20.720	ug/l	99
85) sec-Butylbenzene	13.39	105	151500	20.421	ug/l	99
86) p-Isopropyltoluene	13.51	119	136364	20.809	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	64560	20.955	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	64636	20.928	ug/l	99
89) n-Butylbenzene	13.83	91	127824	20.765	ug/l	97
90) Hexachloroethane	14.10	117	19933	20.577	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	57616	21.265	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3835	23.540	ug/l	92

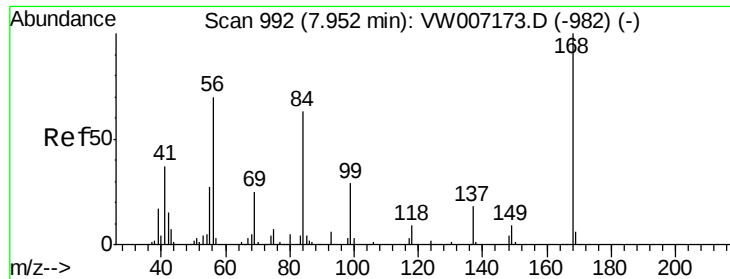
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	38243	21.254	ug/l	99
94) Hexachlorobutadiene	15.24	225	19439	20.148	ug/l	99
95) Naphthalene	15.38	128	69048	21.061	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	31583	21.163	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: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

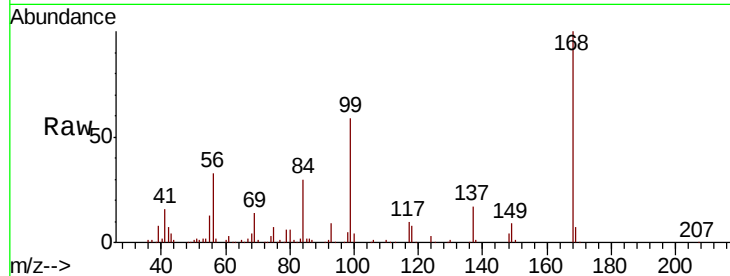
VSTDIC020

Tgt Ion:168 Resp: 119064

Ion Ratio Lower Upper

168 100

99 58.8 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

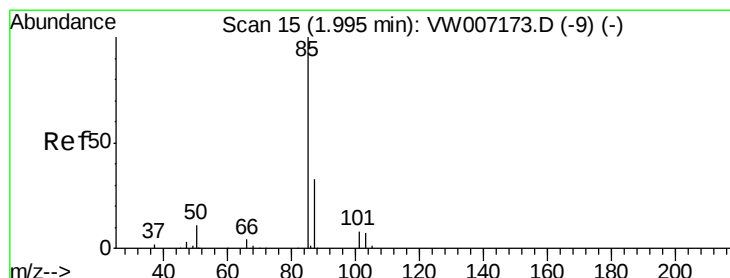
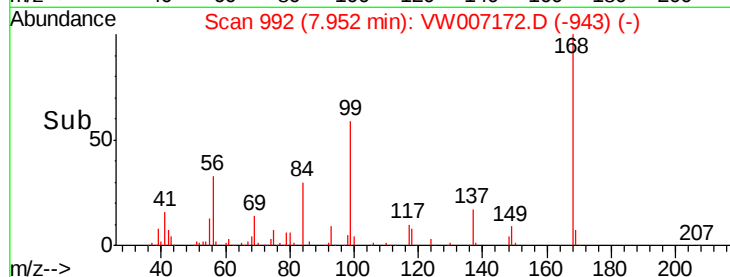
20000

10000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.411 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW007172.D

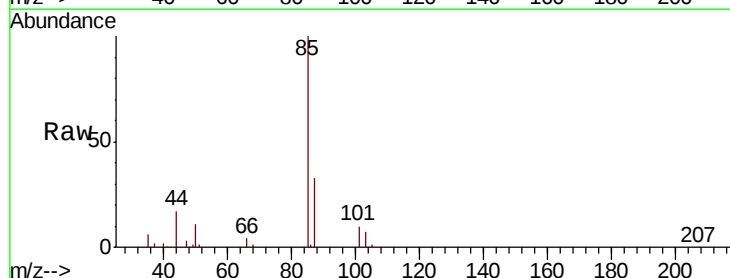
Acq: 04 Dec 2018 00:53

Tgt Ion: 85 Resp: 27204

Ion Ratio Lower Upper

85 100

87 33.2 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

20000

15000

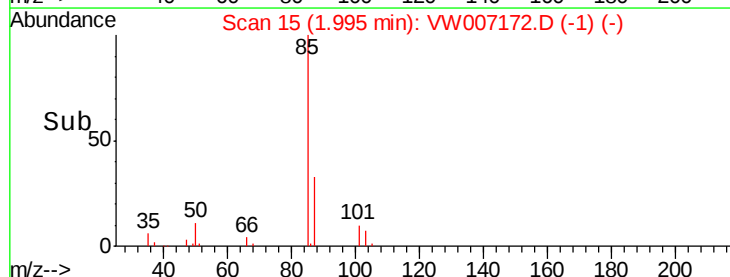
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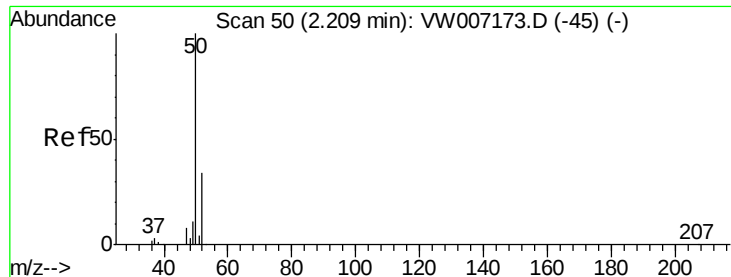
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.066 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

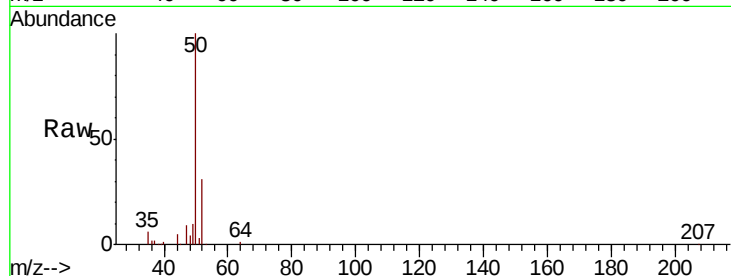
VSTDIC020

Tgt Ion: 50 Resp: 43353

Ion Ratio Lower Upper

50 100

52 30.9 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

30000

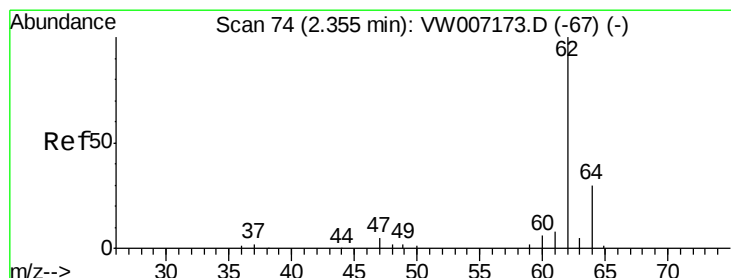
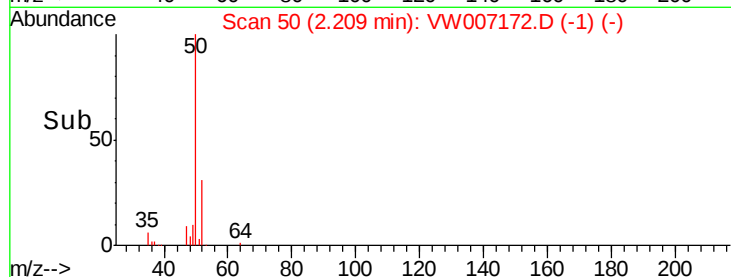
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 21.148 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW007172.D

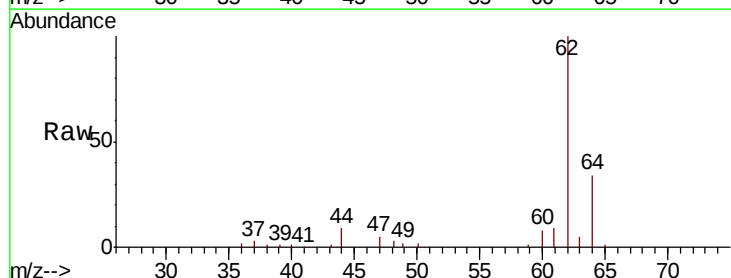
Acq: 04 Dec 2018 00:53

Tgt Ion: 62 Resp: 20092

Ion Ratio Lower Upper

62 100

64 33.0 24.3 36.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

15000

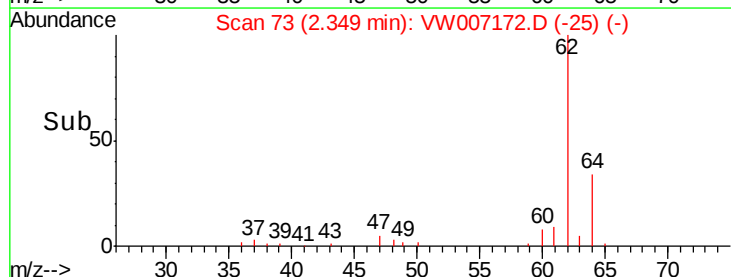
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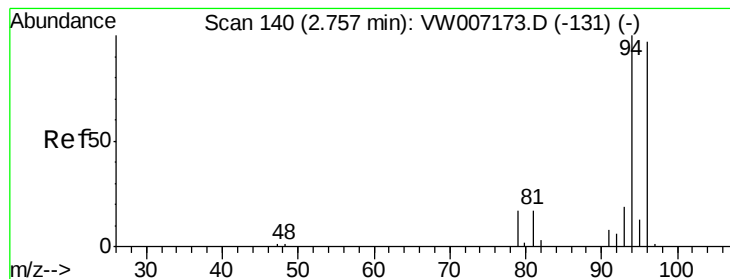
5000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 16.772 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.02 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

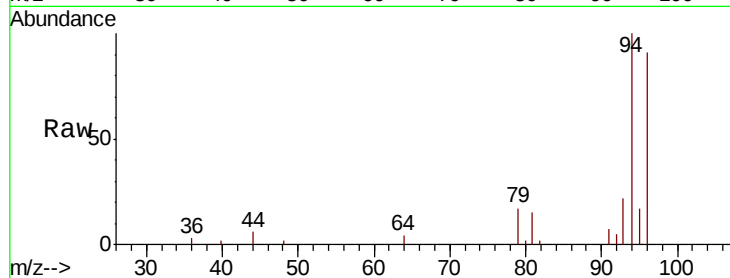
VSTDIC020

Tgt Ion: 94 Resp: 8133

Ion Ratio Lower Upper

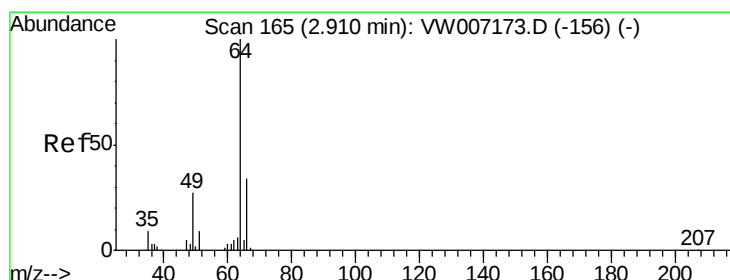
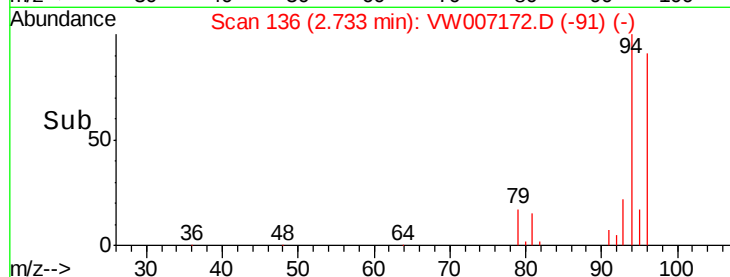
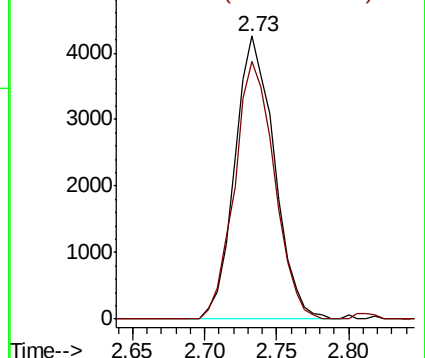
94 100

96 90.9 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: 21.587 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW007172.D

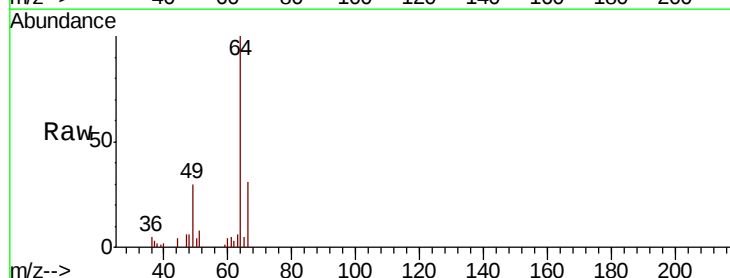
Acq: 04 Dec 2018 00:53

Tgt Ion: 64 Resp: 11325

Ion Ratio Lower Upper

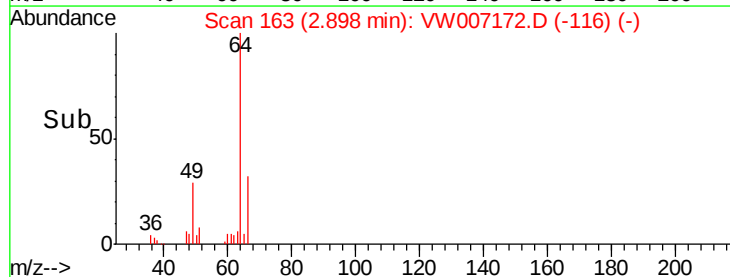
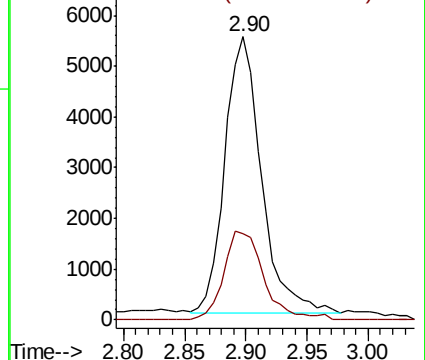
64 100

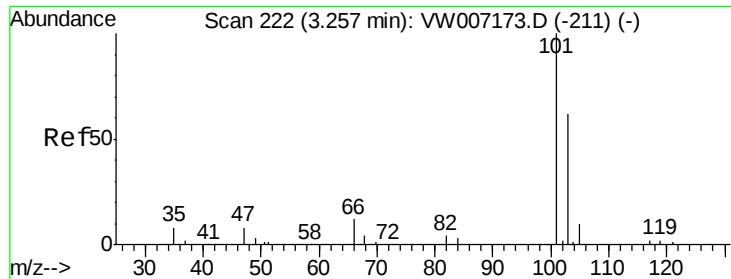
66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



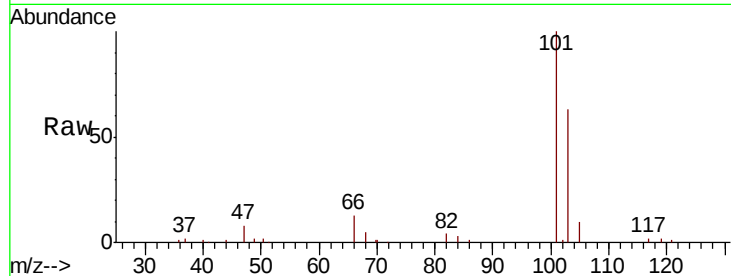


#7

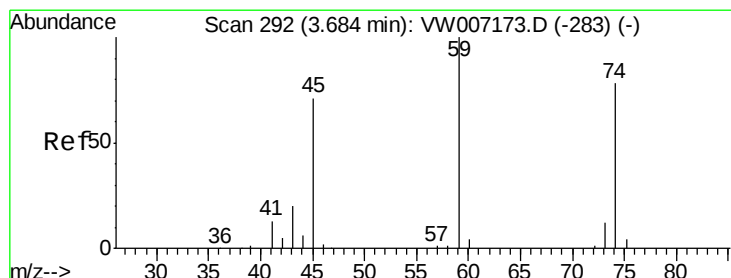
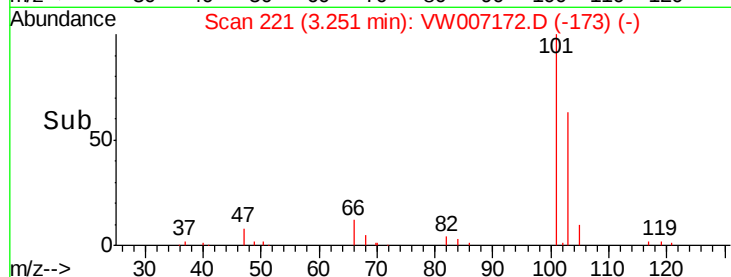
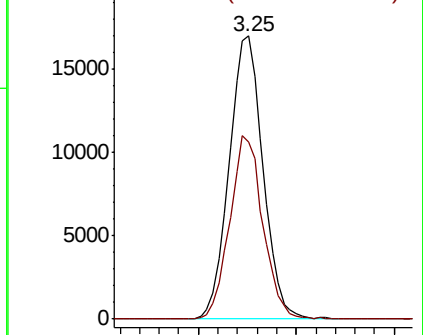
Trichlorofluoromethane
 Concen: 21.603 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

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Tgt Ion: 101 Resp: 40661
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.6 74.4



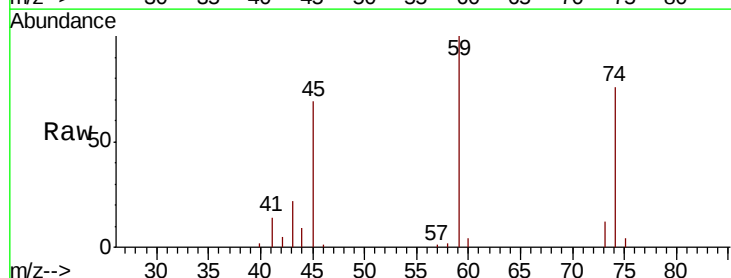
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



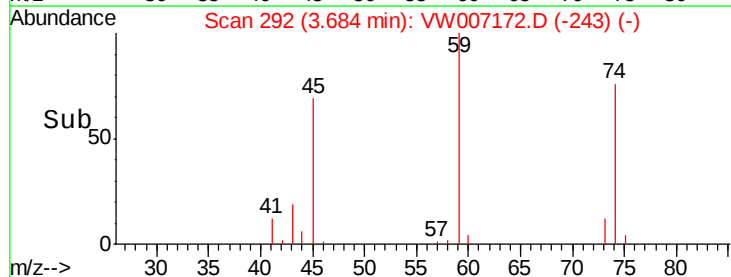
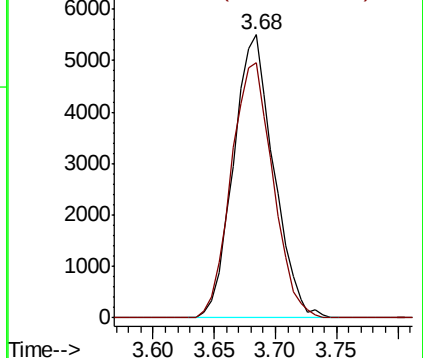
#8

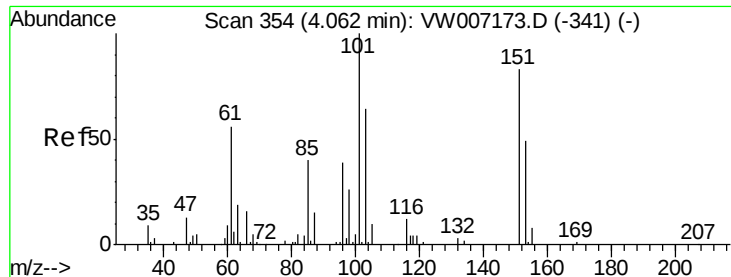
Diethyl Ether
 Concen: 20.600 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 74 Resp: 12551
 Ion Ratio Lower Upper
 74 100
 45 93.0 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: 19.777 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

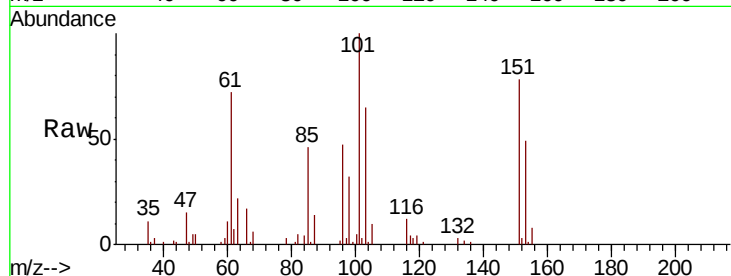
Tgt Ion:101 Resp: 24073

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

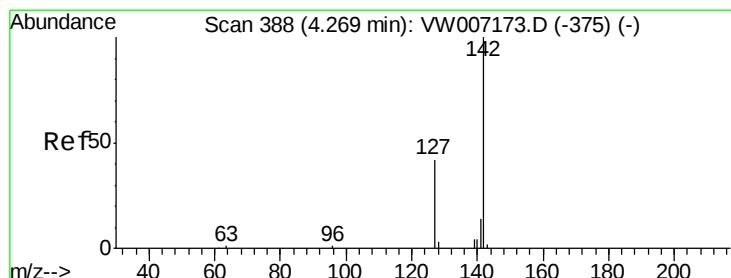
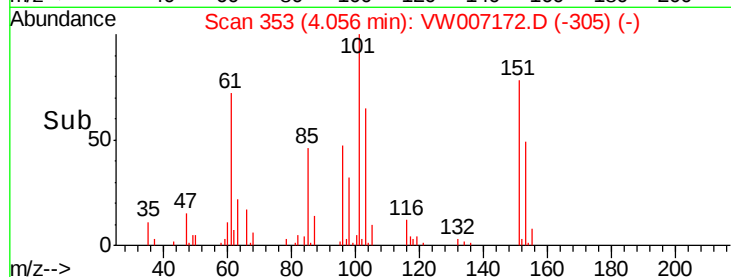
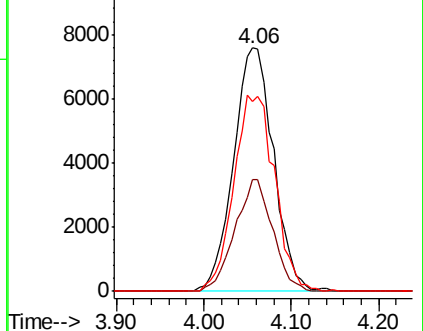
151 82.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.012 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

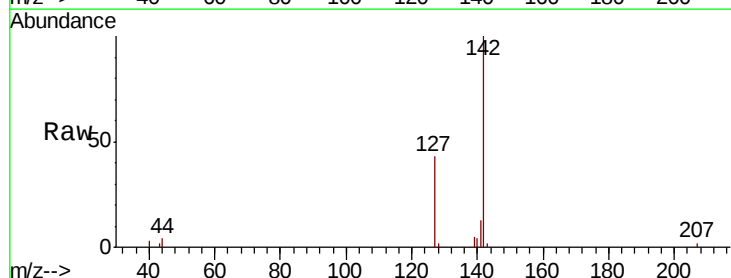
Tgt Ion:142 Resp: 12714

Ion Ratio Lower Upper

142 100

127 43.6 33.8 50.8

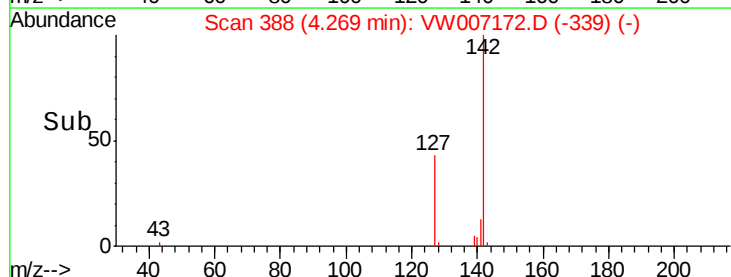
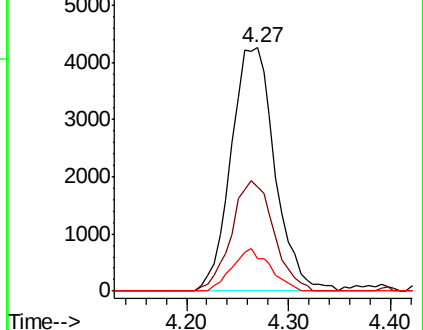
141 15.0 11.7 17.5

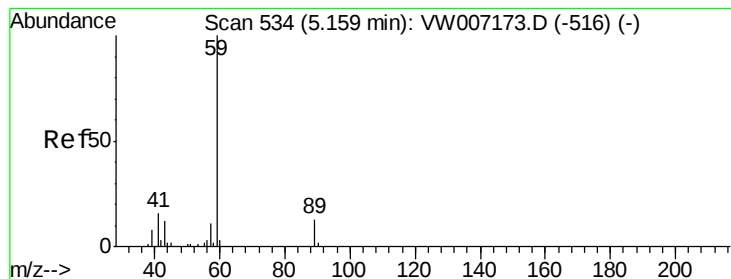


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 192.728 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

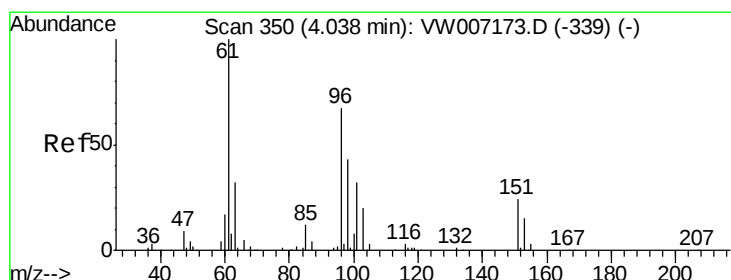
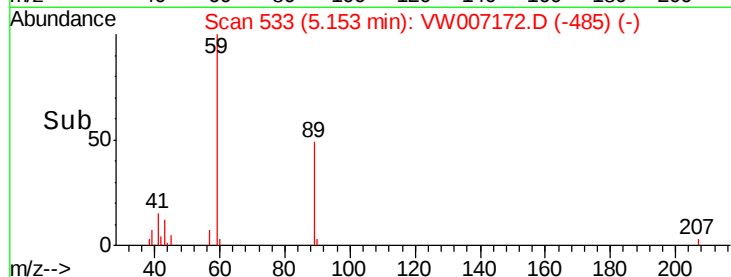
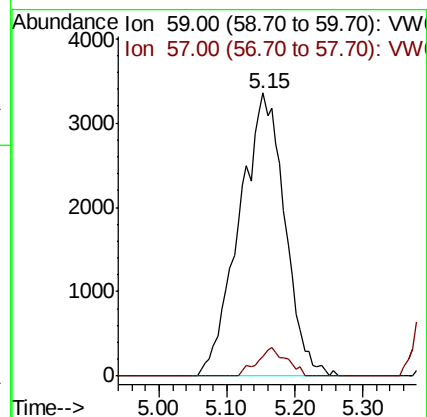
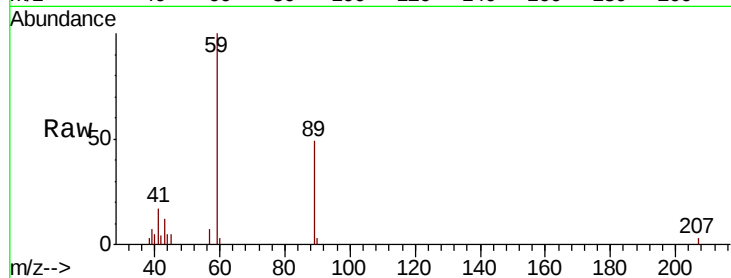
VSTDIC020

Tgt Ion: 59 Resp: 15629

Ion Ratio Lower Upper

59 100

57 6.5 7.0 10.4#



#12

1,1-Dichloroethene

Concen: 21.357 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

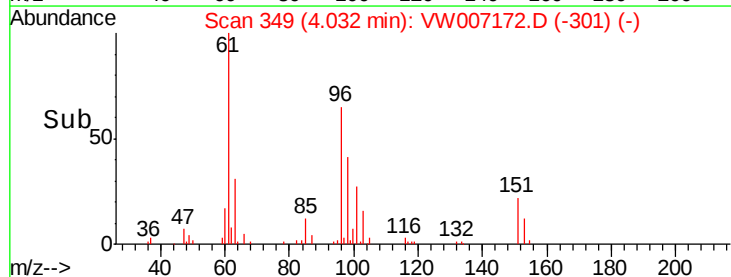
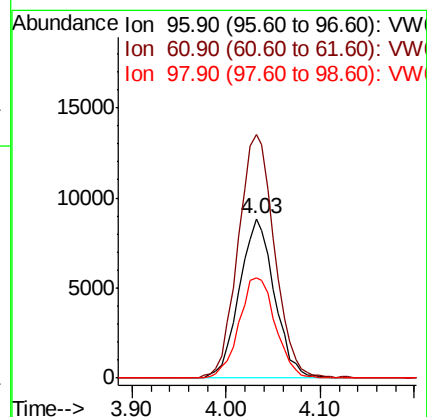
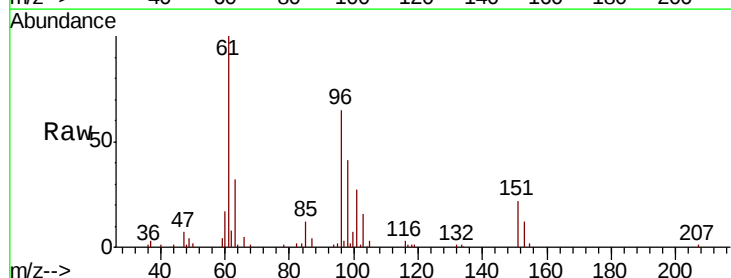
Tgt Ion: 96 Resp: 22967

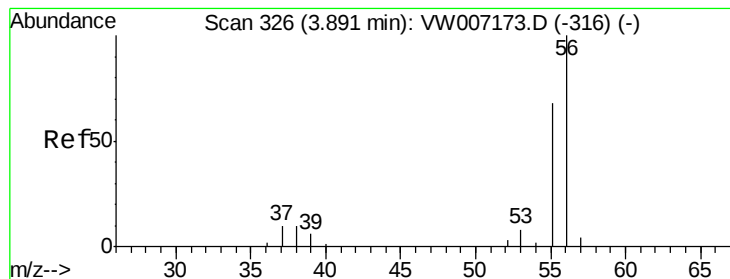
Ion Ratio Lower Upper

96 100

61 152.8 119.4 179.2

98 62.6 51.0 76.6





#13

Acrolein

Concen: 108.036 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

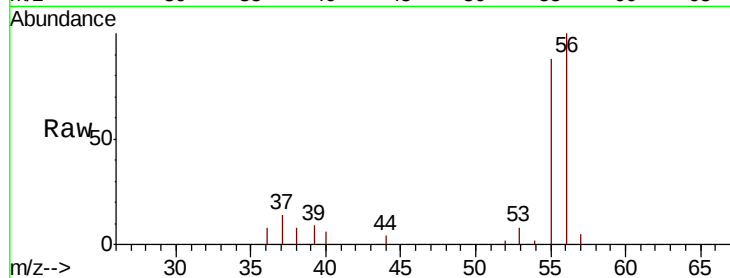
VSTDIC020

Tgt Ion: 56 Resp: 8490

Ion Ratio Lower Upper

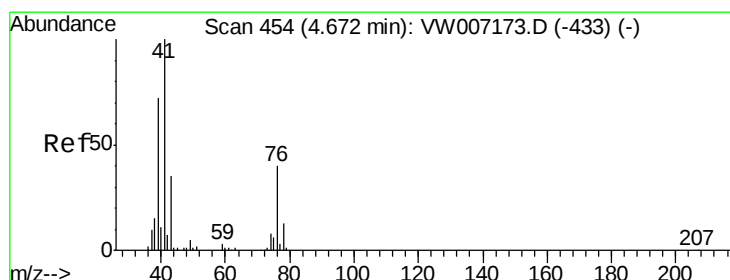
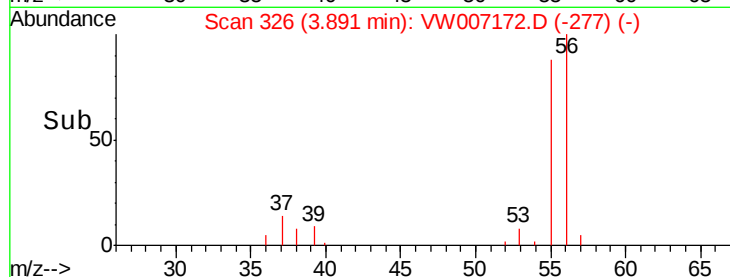
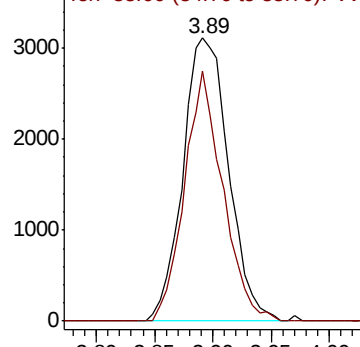
56 100

55 74.2 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.624 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

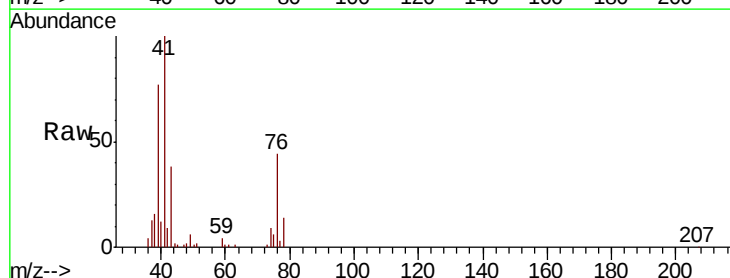
Tgt Ion: 41 Resp: 38632

Ion Ratio Lower Upper

41 100

39 69.7 55.1 82.7

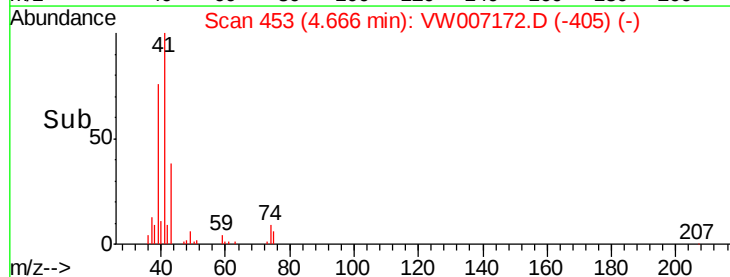
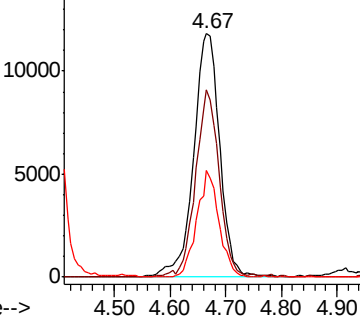
76 37.0 29.7 44.5

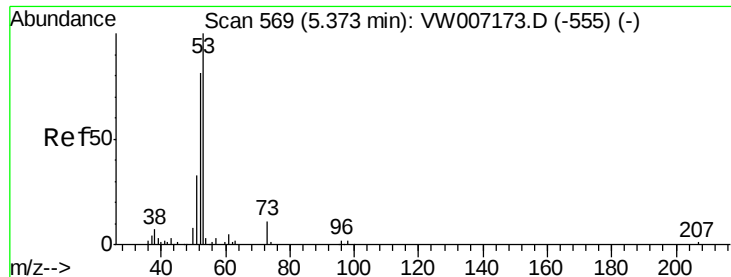


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 113.888 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

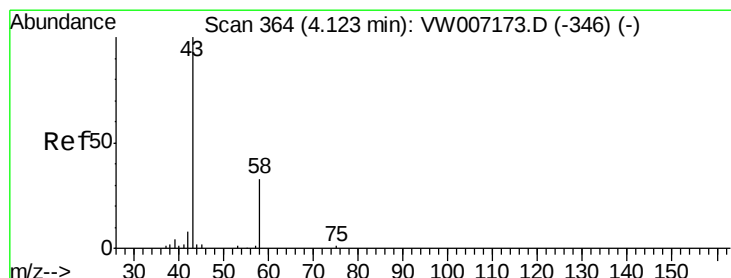
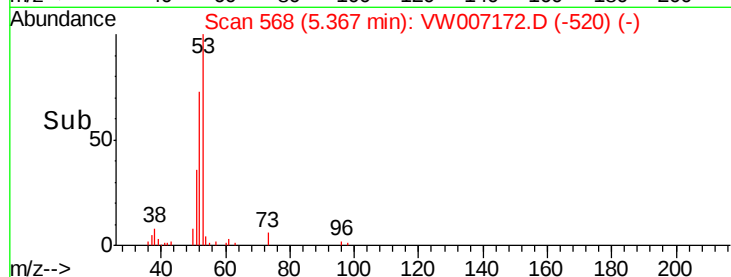
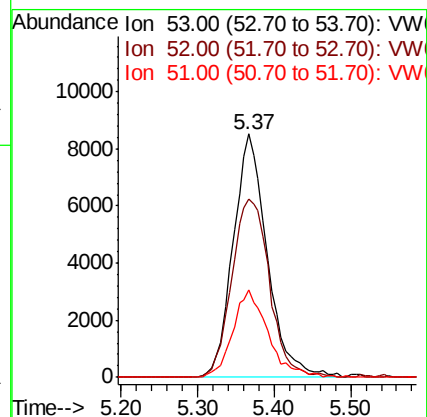
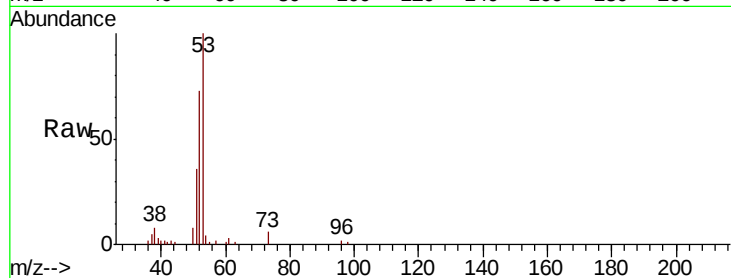
Tgt Ion: 53 Resp: 26277

Ion Ratio Lower Upper

53 100

52 80.6 65.2 97.8

51 37.0 29.2 43.8



#16

Acetone

Concen: 122.618 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007172.D

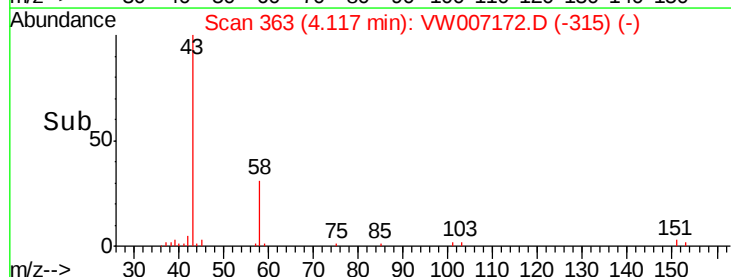
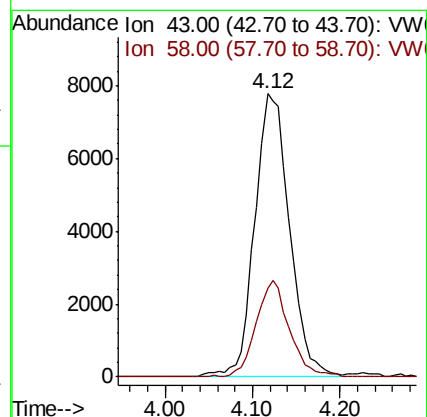
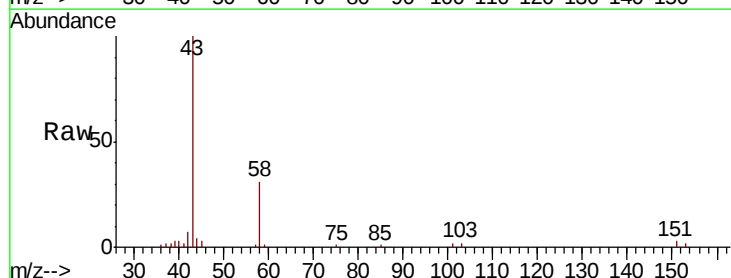
Acq: 04 Dec 2018 00:53

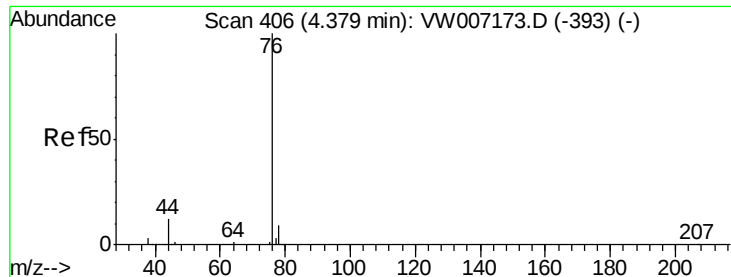
Tgt Ion: 43 Resp: 21586

Ion Ratio Lower Upper

43 100

58 31.5 26.5 39.7

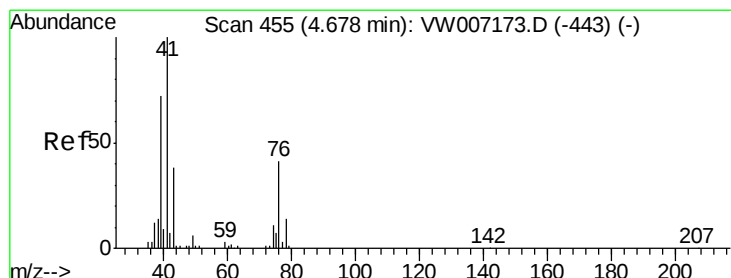
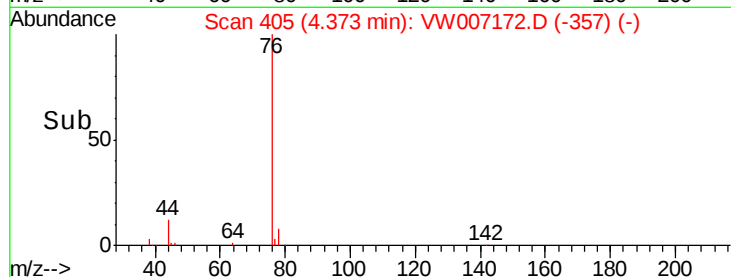
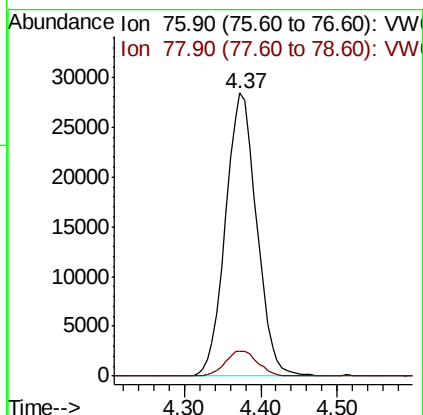
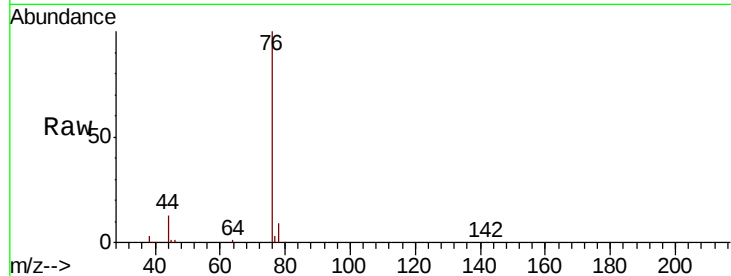




#17
Carbon Disulfide
Concen: 22.857 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

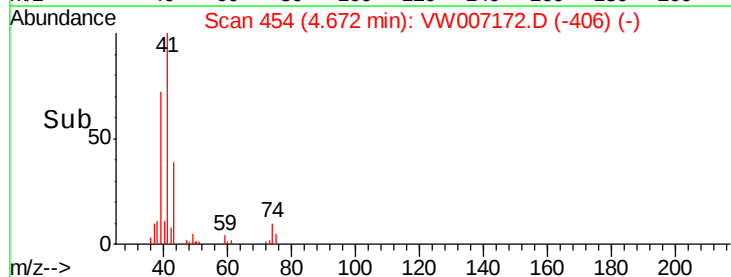
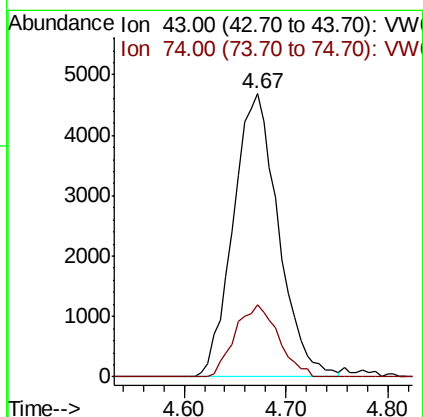
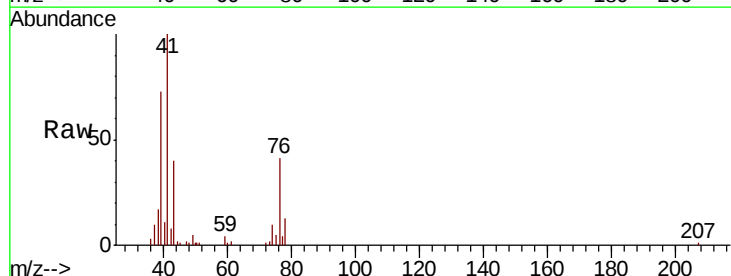
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

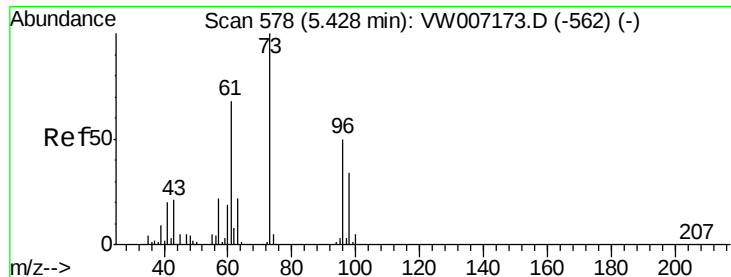
Tgt Ion: 76 Resp: 80249
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 23.691 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 43 Resp: 14392
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.4

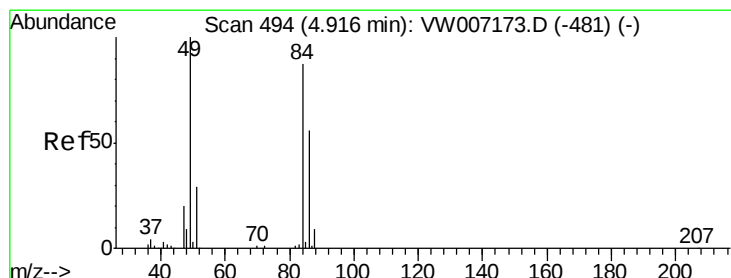
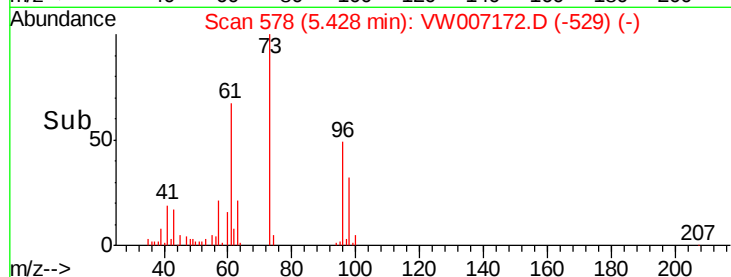
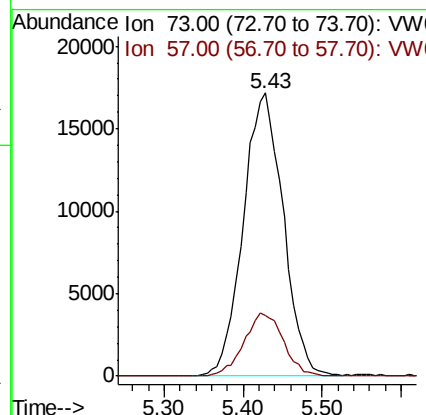
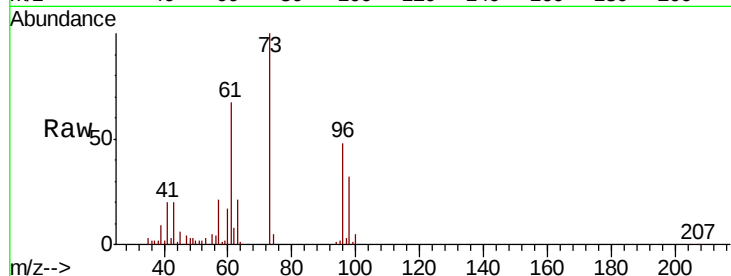




#19
Methyl tert-butyl Ether
Concen: 21.643 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

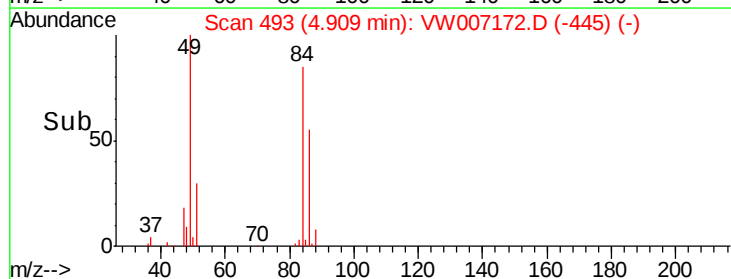
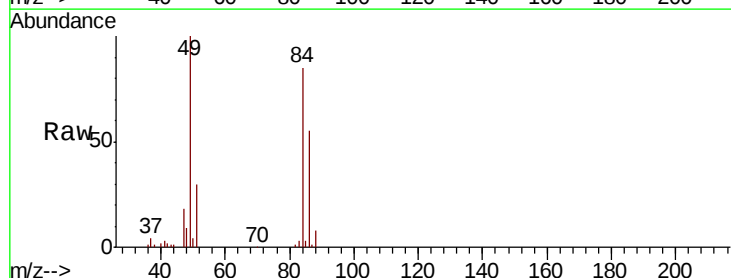
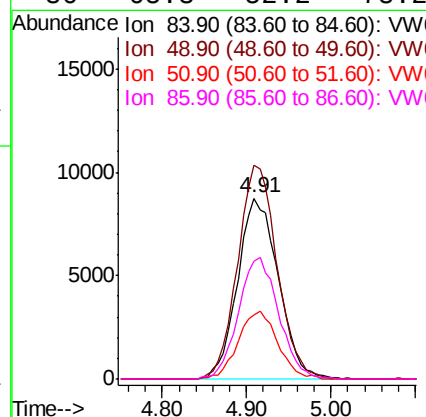
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

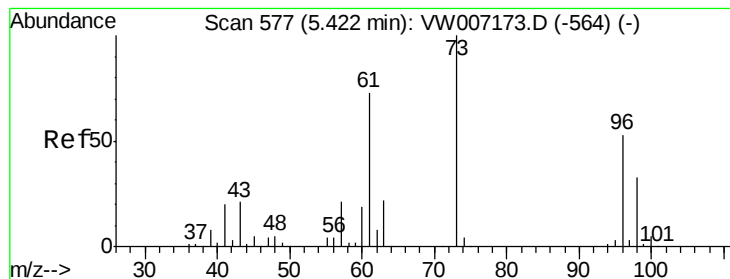
Tgt Ion: 73 Resp: 60472
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 17.164 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 84 Resp: 28678
Ion Ratio Lower Upper
84 100
49 118.0 92.5 138.7
51 35.2 27.1 40.7
86 65.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.172 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

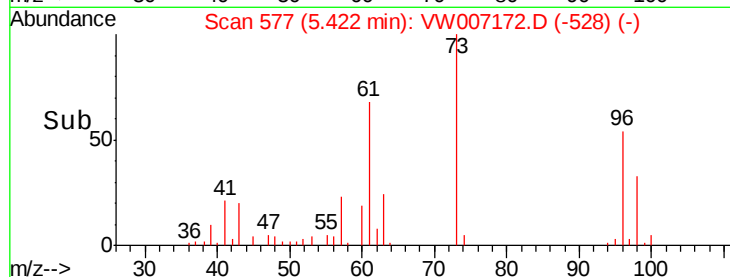
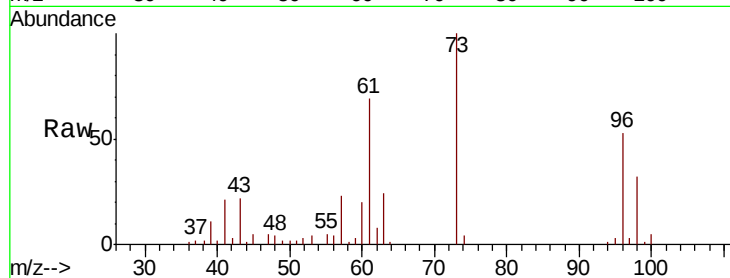
Tgt Ion: 96 Resp: 26589

Ion Ratio Lower Upper

96 100

61 128.9 109.8 164.8

98 60.8 50.0 75.0

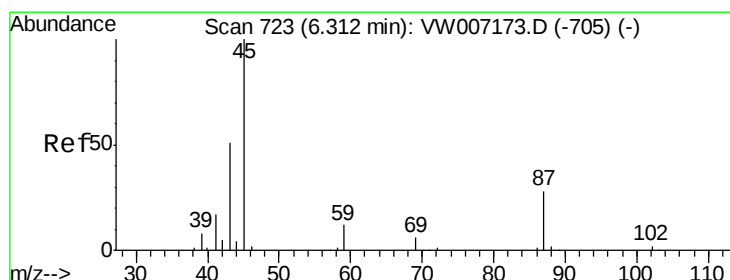
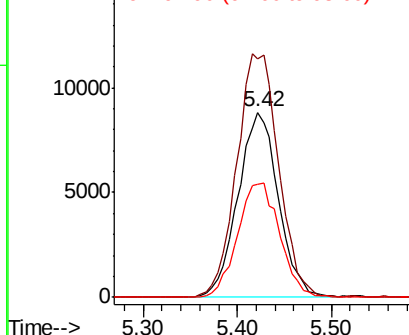


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.590 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Tgt Ion: 45 Resp: 71274

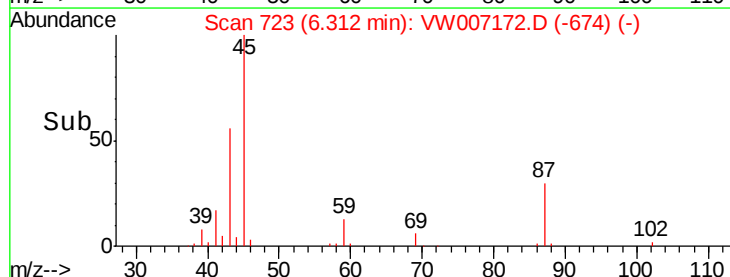
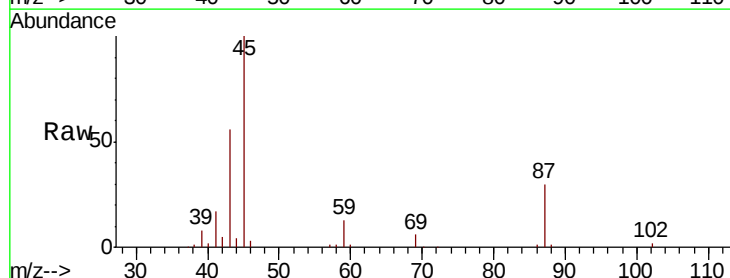
Ion Ratio Lower Upper

45 100

43 55.6 42.2 63.4

87 30.3 22.8 34.2

59 13.3 9.5 14.3



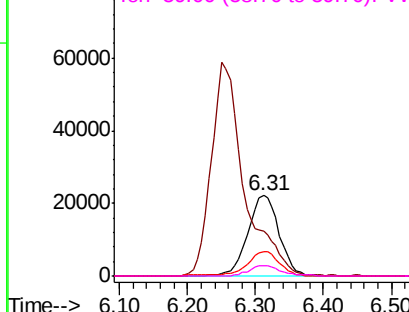
Abundance

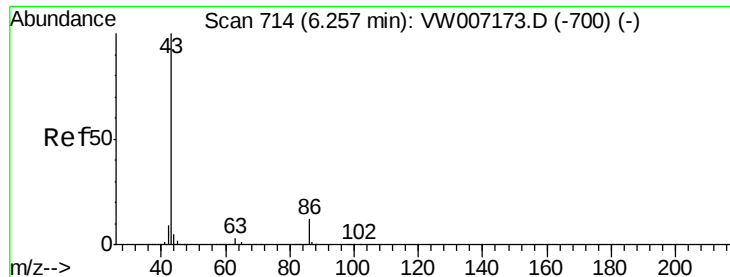
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

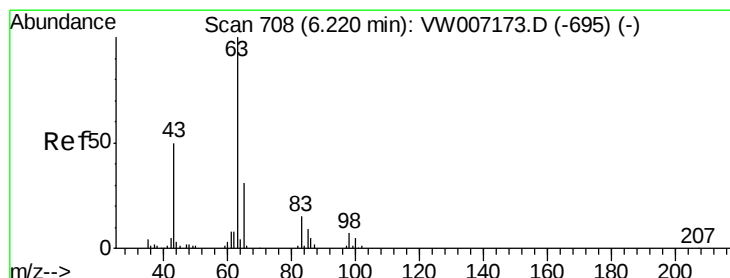
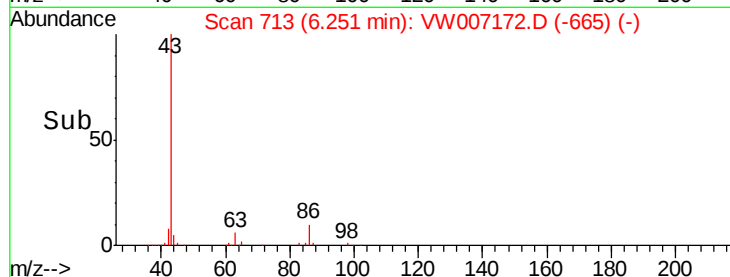
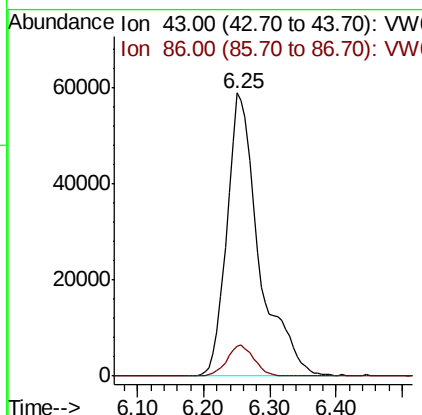
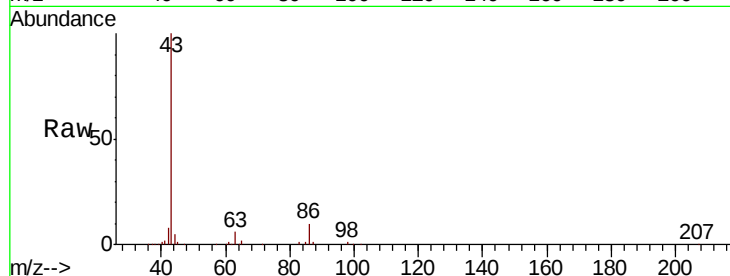




#23
 Vinyl Acetate
 Concen: 108.109 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

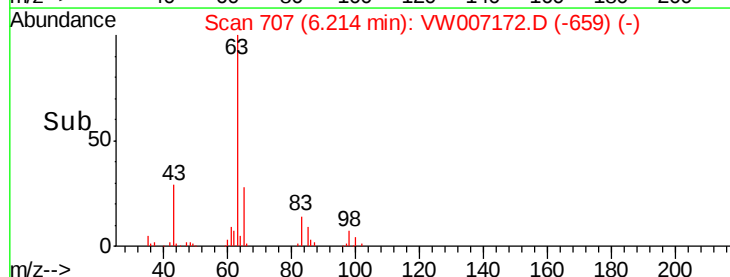
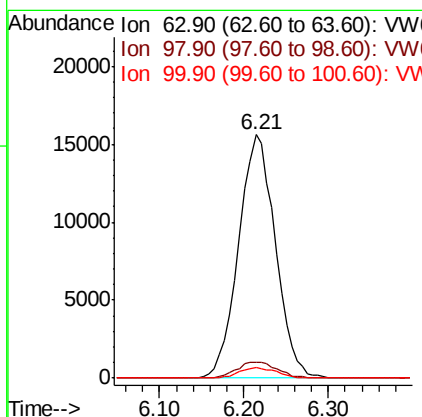
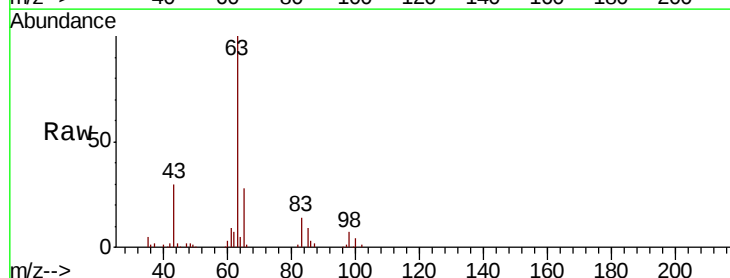
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

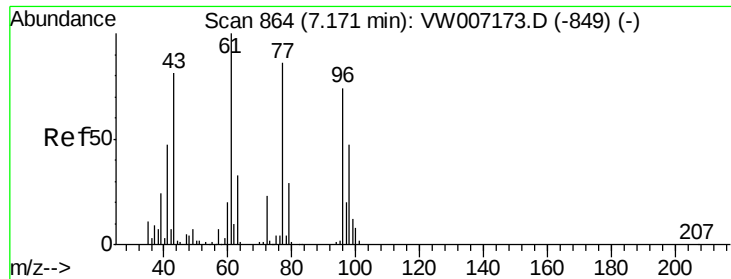
Tgt Ion: 43 Resp: 198369
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 21.855 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 63 Resp: 46155
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 105.679 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

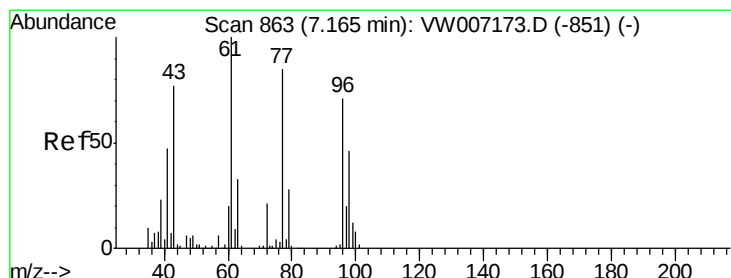
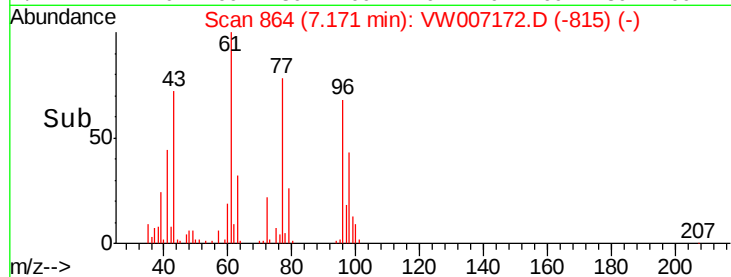
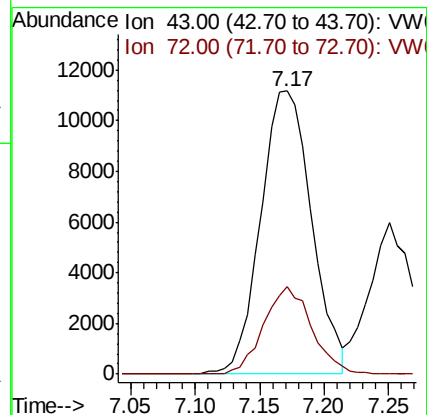
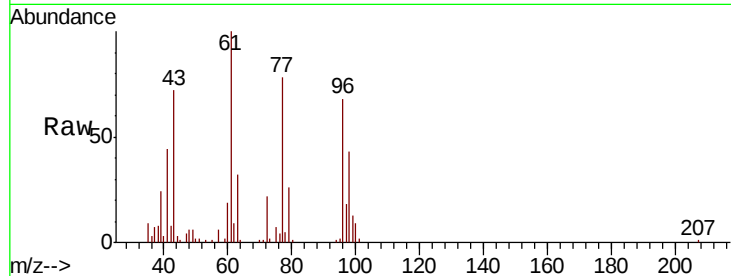
VSTDIC020

Tgt Ion: 43 Resp: 30642

Ion Ratio Lower Upper

43 100

72 31.0 23.0 34.4



#26

2,2-Dichloropropane

Concen: 20.393 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007172.D

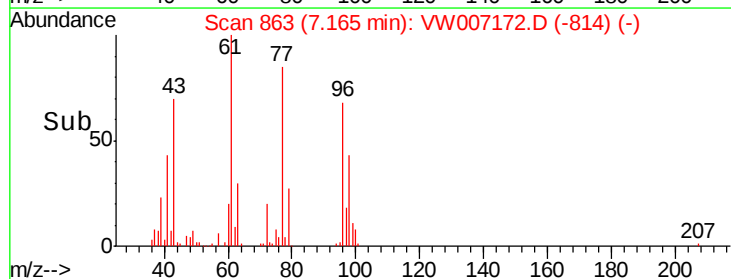
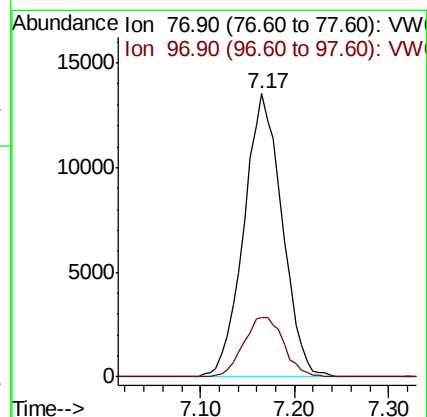
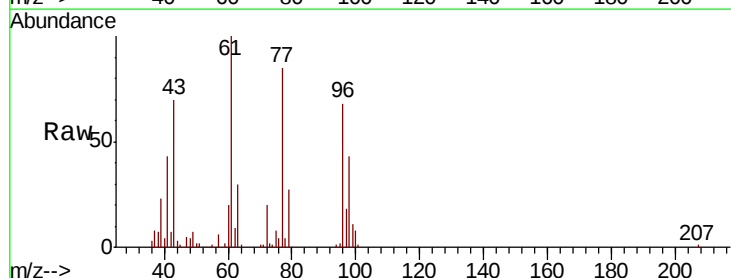
Acq: 04 Dec 2018 00:53

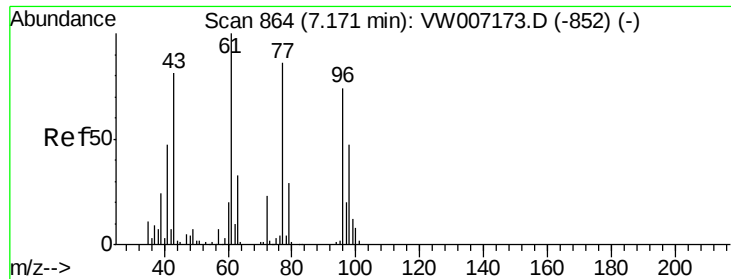
Tgt Ion: 77 Resp: 38559

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1



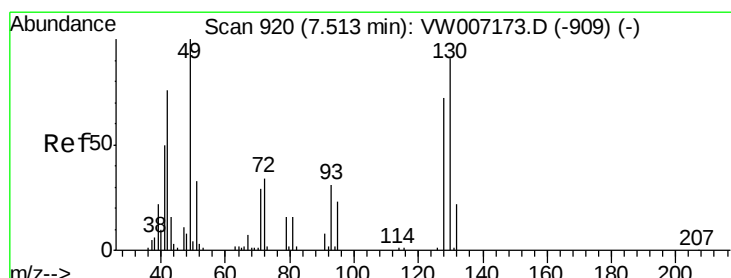
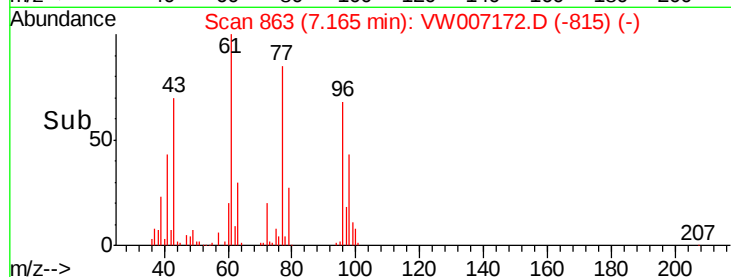
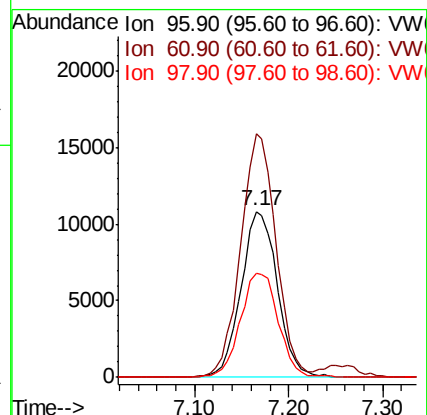
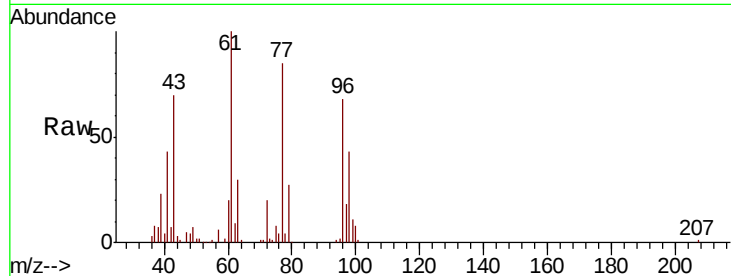


#27

cis-1,2-Dichloroethene
Concen: 21.775 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

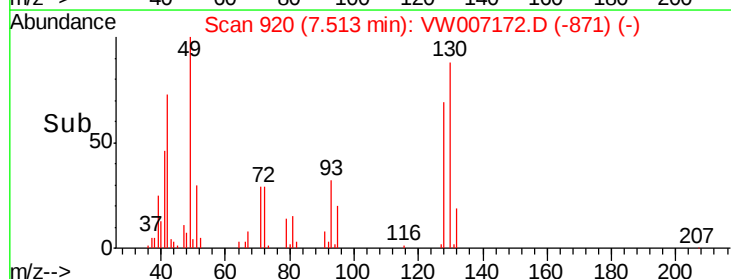
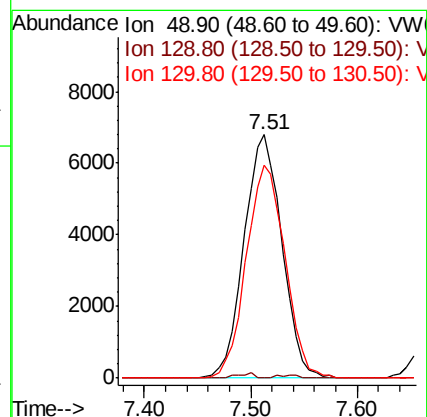
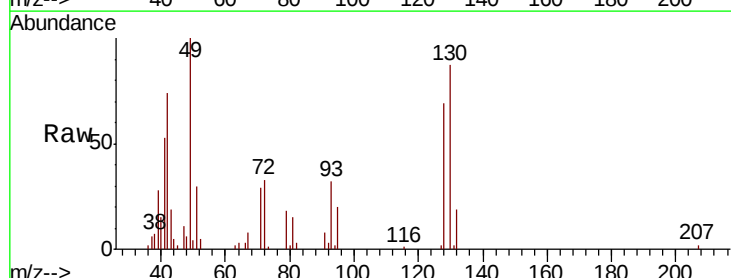
Tgt Ion: 96 Resp: 29209
Ion Ratio Lower Upper
96 100
61 143.2 0.0 282.2
98 65.4 0.0 129.8

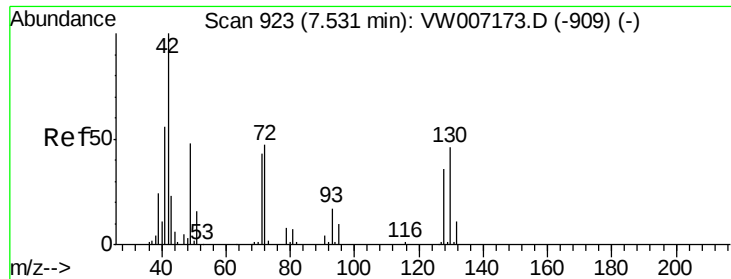


#28

Bromochloromethane
Concen: 21.556 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 49 Resp: 16960
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.8
130 89.5 70.5 105.7

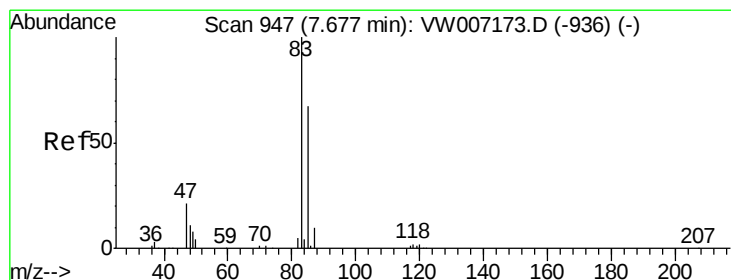
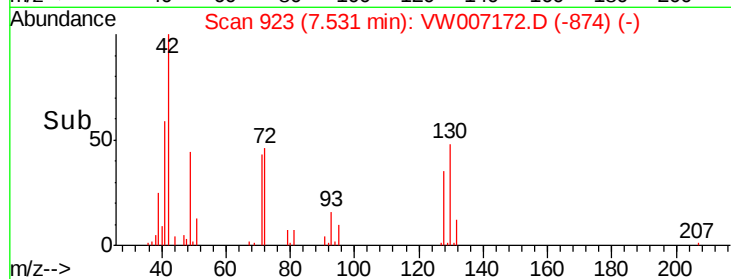
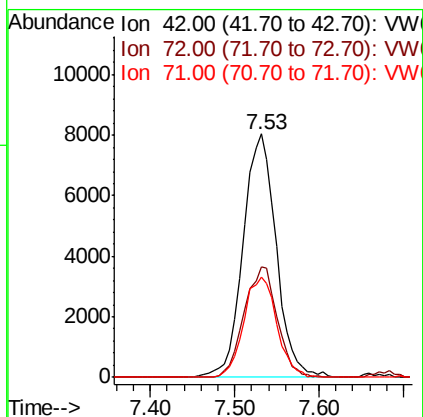
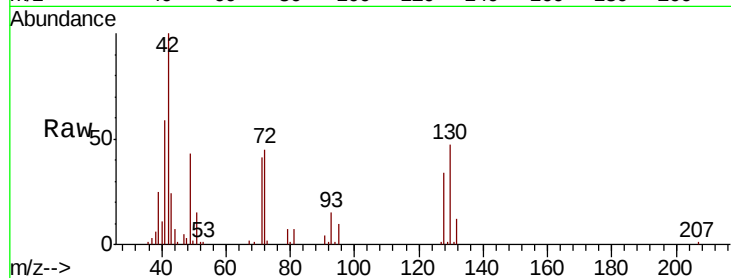




#29
Tetrahydrofuran
Concen: 114.011 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

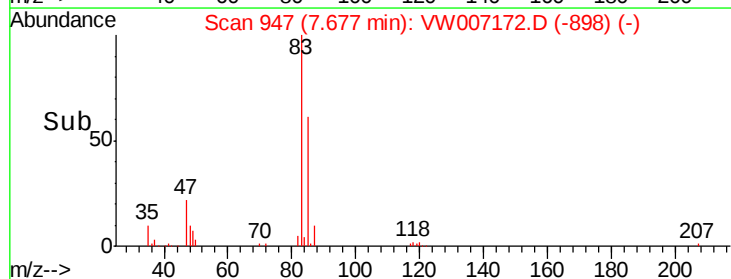
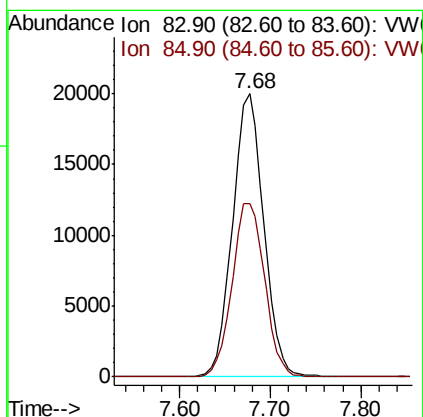
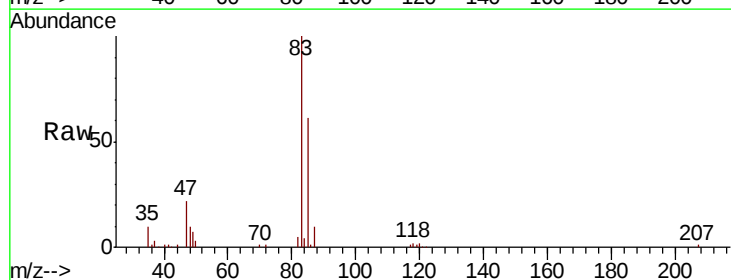
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

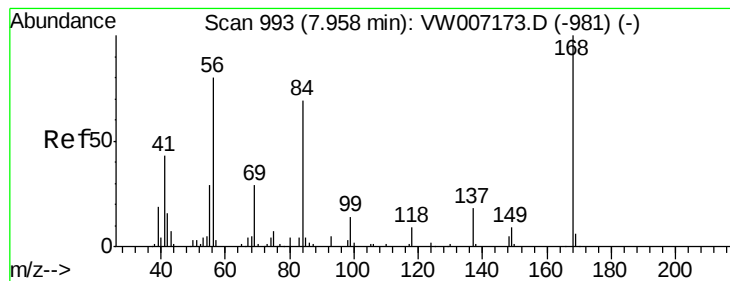
Tgt Ion: 42 Resp: 21373
Ion Ratio Lower Upper
42 100
72 45.2 37.3 55.9
71 41.0 35.0 52.6



#30
Chloroform
Concen: 21.216 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 83 Resp: 47647
Ion Ratio Lower Upper
83 100
85 61.0 53.8 80.6





#31

Cyclohexane

Concen: 20.071 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

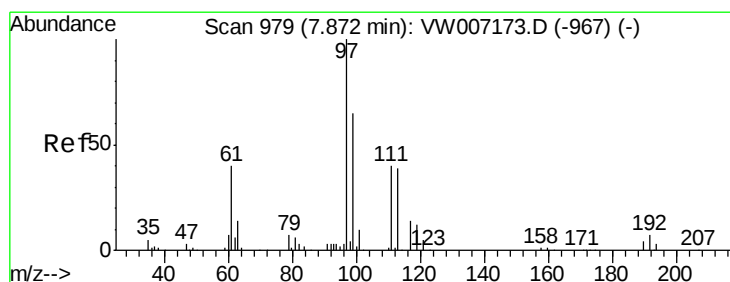
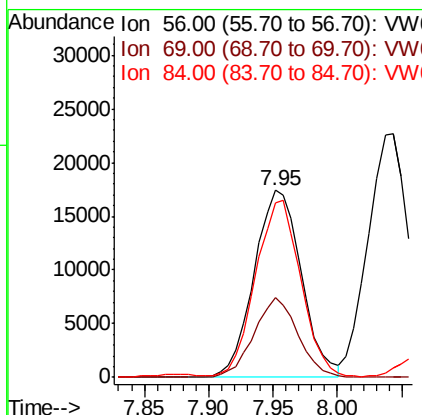
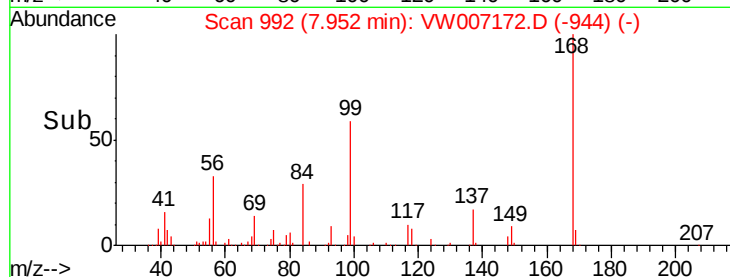
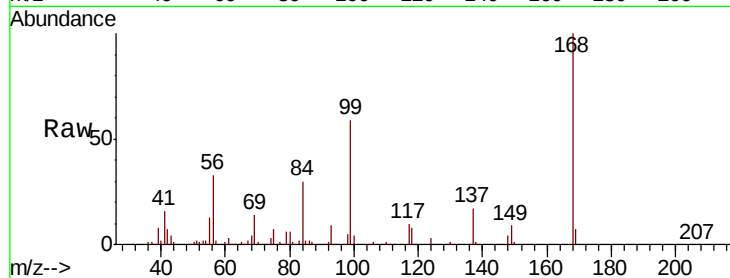
Tgt Ion: 56 Resp: 44330

Ion Ratio Lower Upper

56 100

69 42.7 29.2 43.8

84 91.9 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 20.759 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

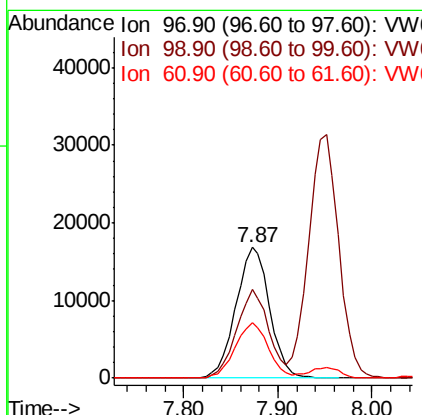
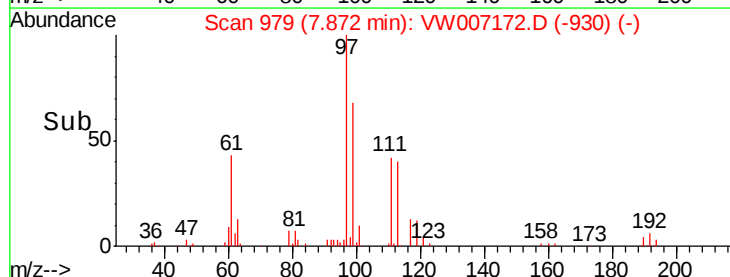
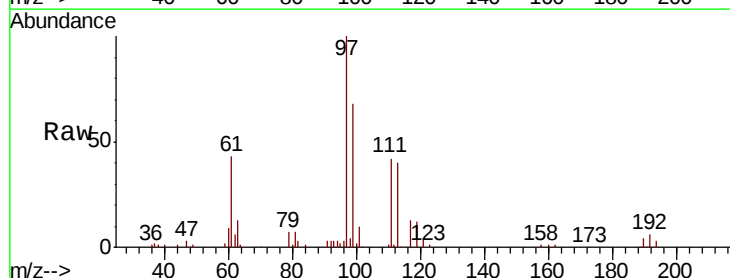
Tgt Ion: 97 Resp: 41932

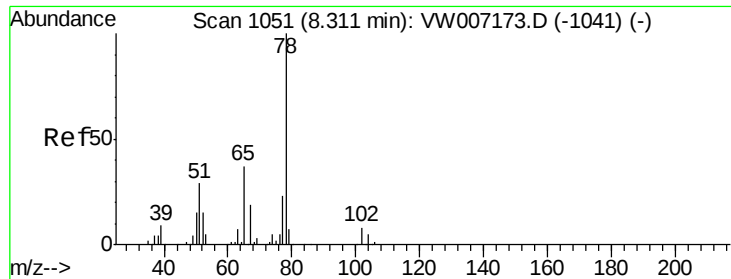
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 41.6 32.7 49.1

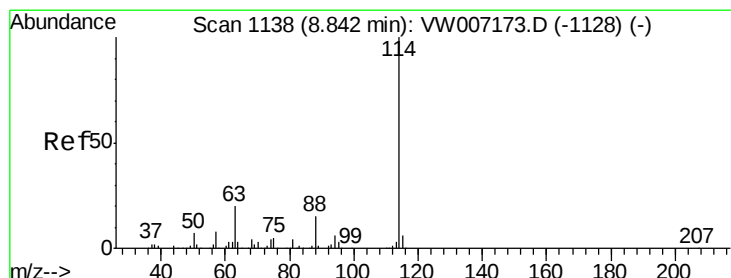
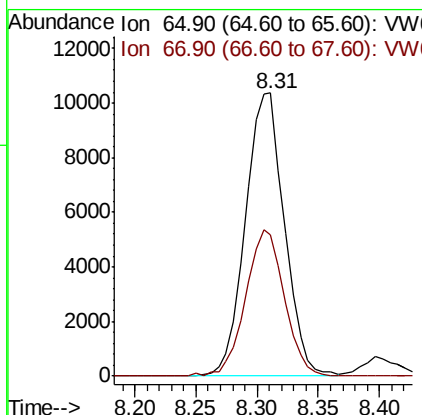
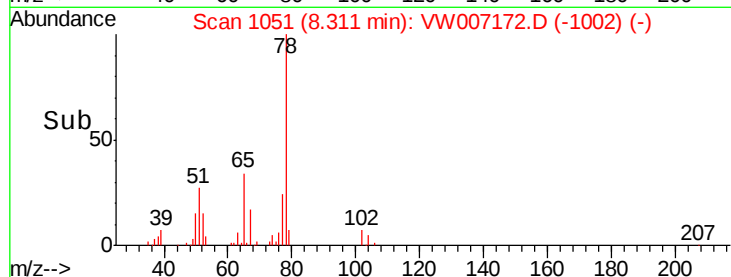
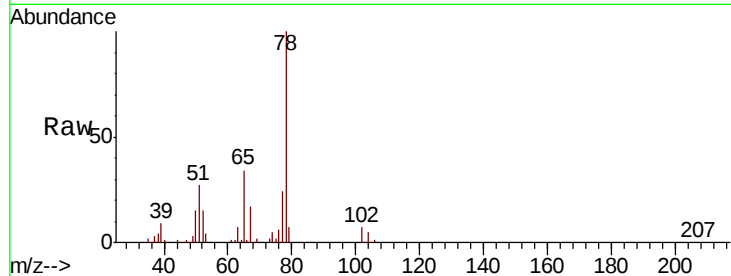




#33
 1,2-Dichloroethane-d4
 Concen: 19.817 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

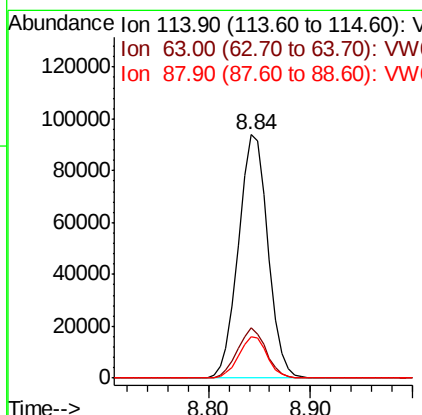
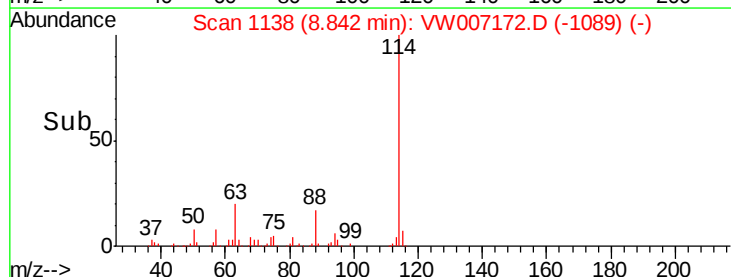
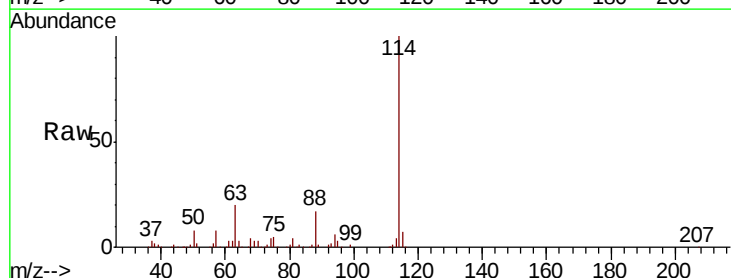
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

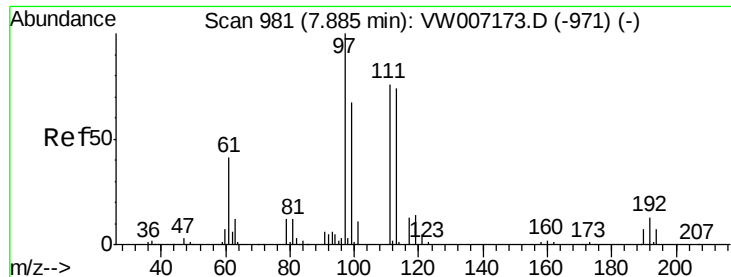
Tgt Ion: 65 Resp: 23010
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 114 Resp: 188257
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 17.0 0.0 30.8

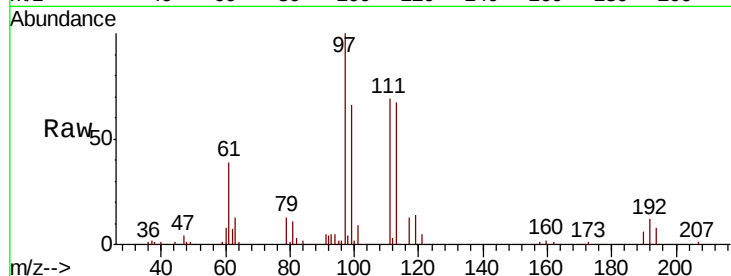




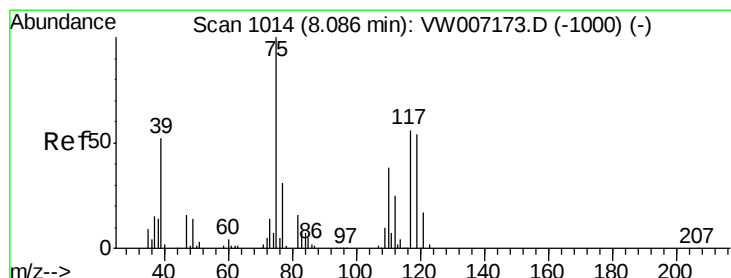
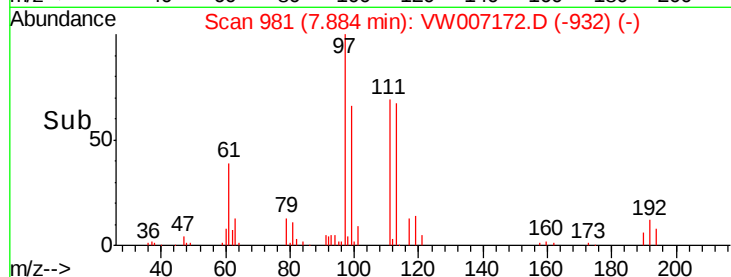
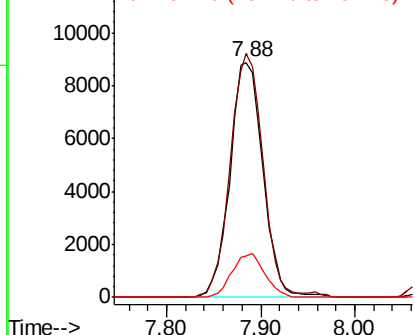
#35
Dibromofluoromethane
Concen: 20.386 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 21576
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.3 14.7 22.1

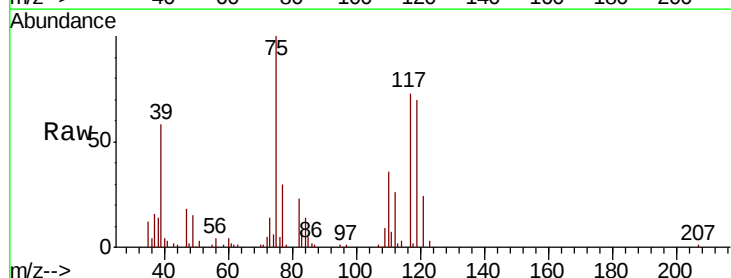


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

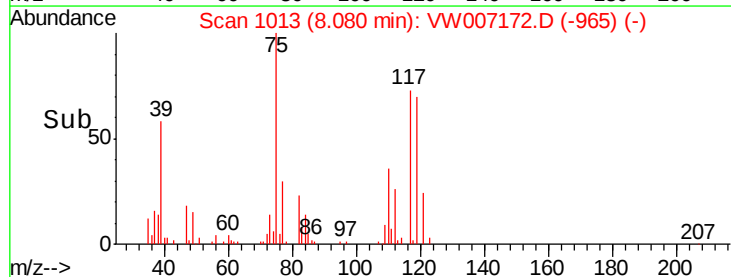
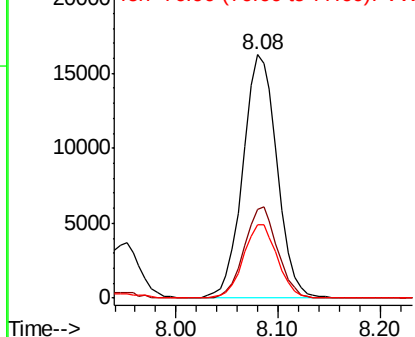


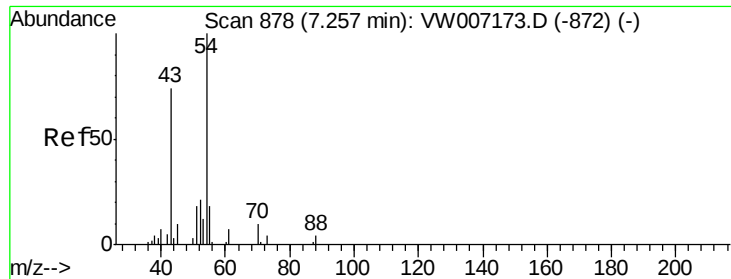
#36
1,1-Dichloropropene
Concen: 20.945 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 75 Resp: 37978
Ion Ratio Lower Upper
75 100
110 35.9 18.4 55.2
77 30.0 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

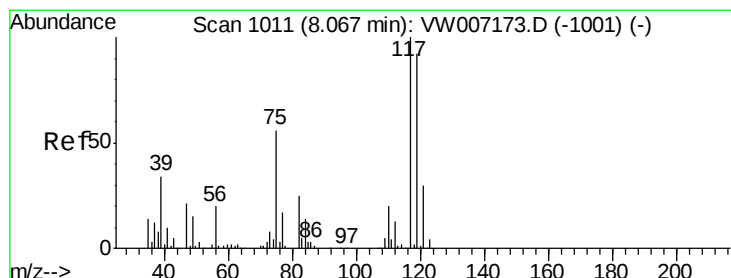
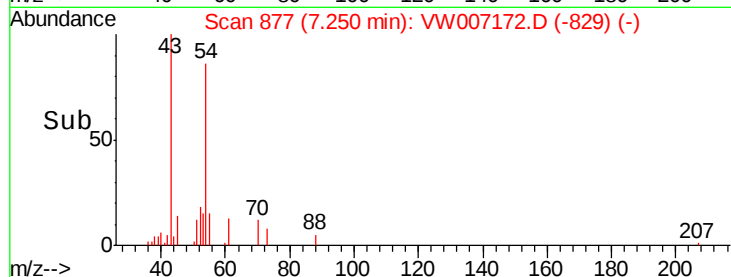
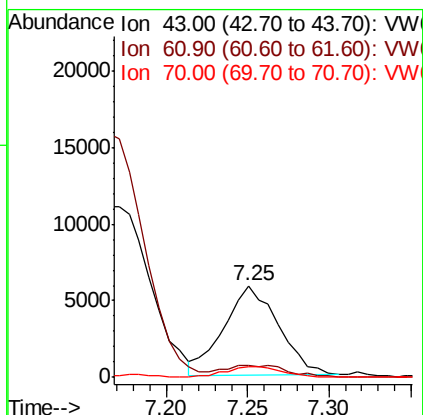
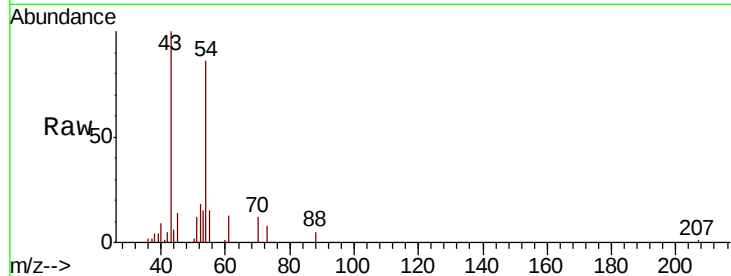




#37
Ethyl Acetate
Concen: 20.321 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

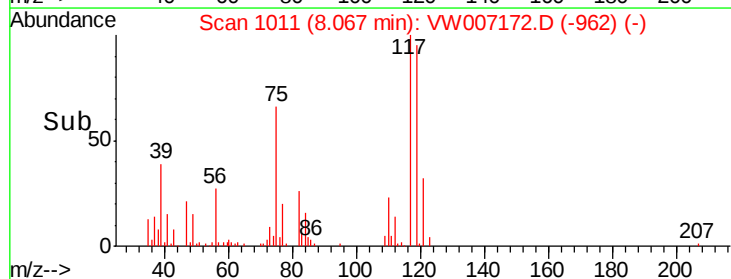
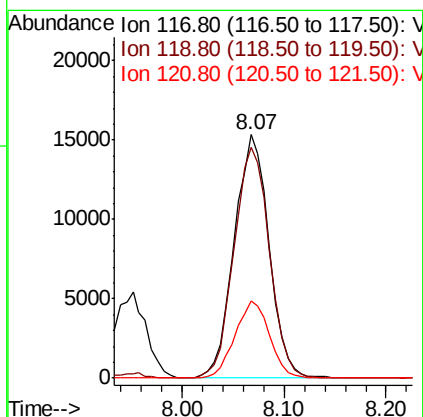
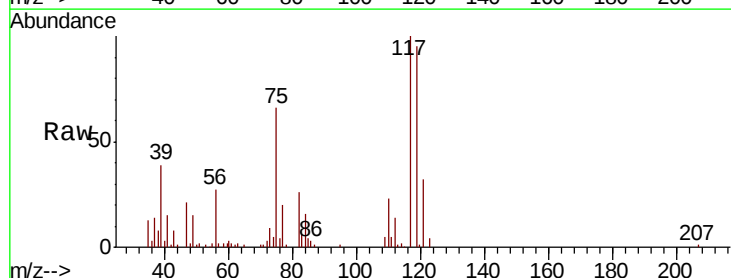
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

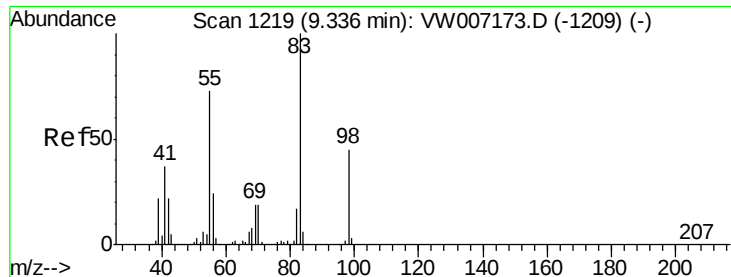
Tgt Ion: 43 Resp: 13500
Ion Ratio Lower Upper
43 100
61 16.0 12.2 18.4
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 20.792 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 117 Resp: 36291
Ion Ratio Lower Upper
117 100
119 94.7 73.8 110.6
121 32.0 24.1 36.1

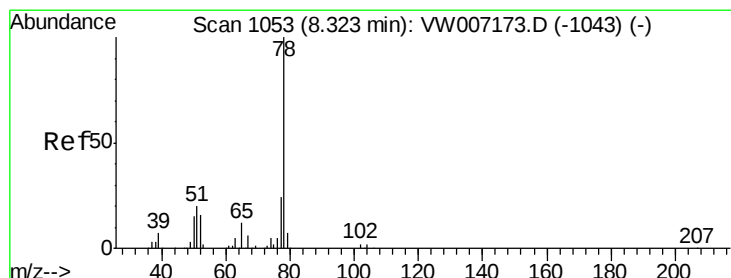
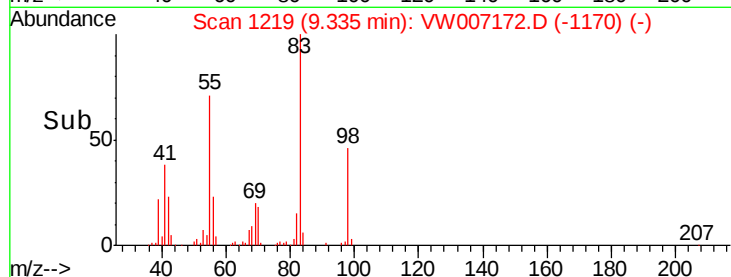
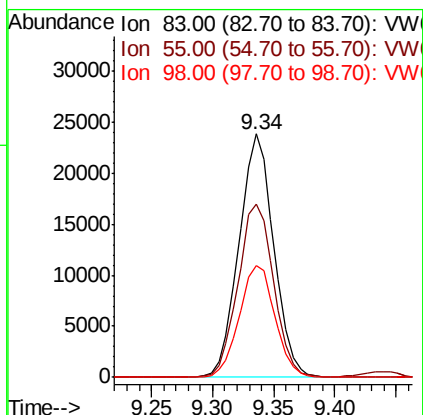
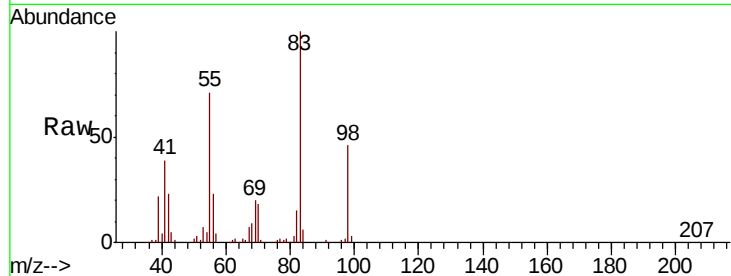




#39
Methylcyclohexane
Concen: 20.772 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

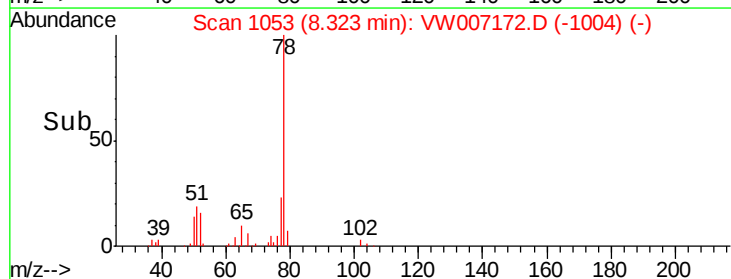
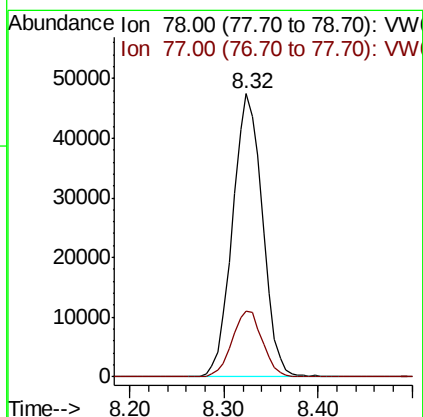
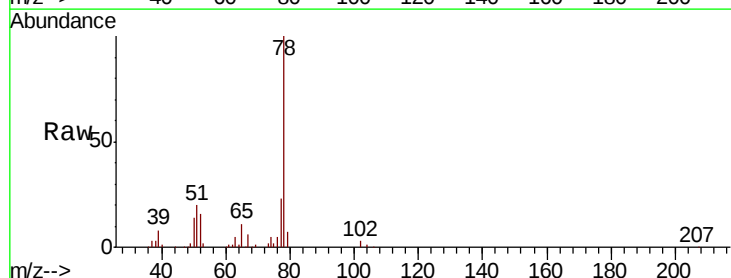
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

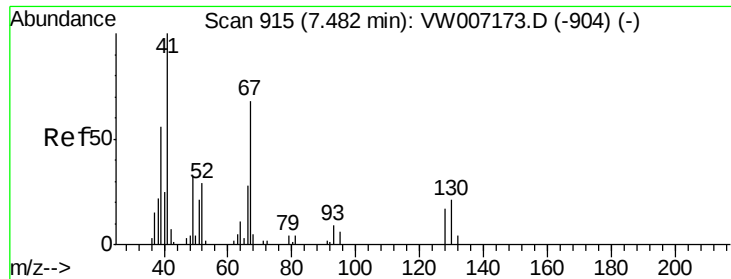
Tgt Ion: 83 Resp: 47180
Ion Ratio Lower Upper
83 100
55 71.0 58.7 88.1
98 46.1 36.3 54.5



#40
Benzene
Concen: 21.288 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 78 Resp: 104880
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3

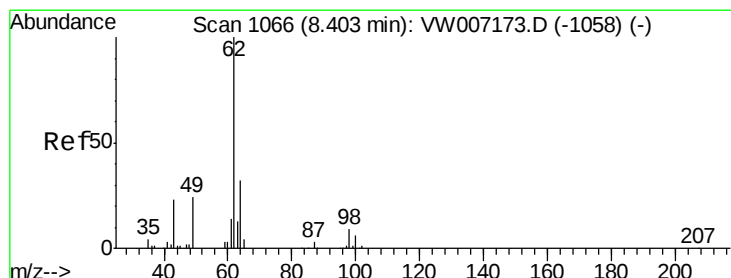
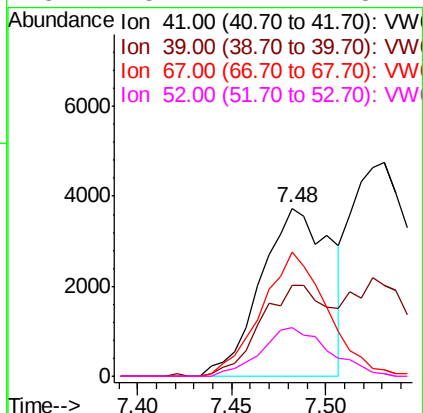
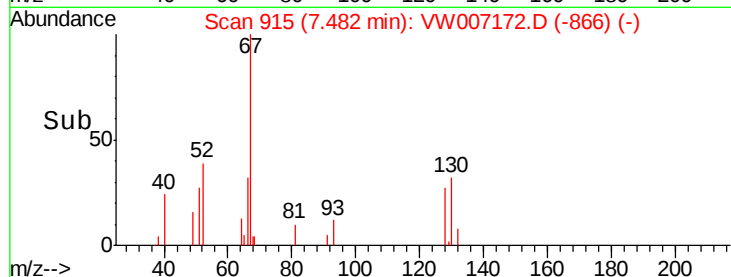
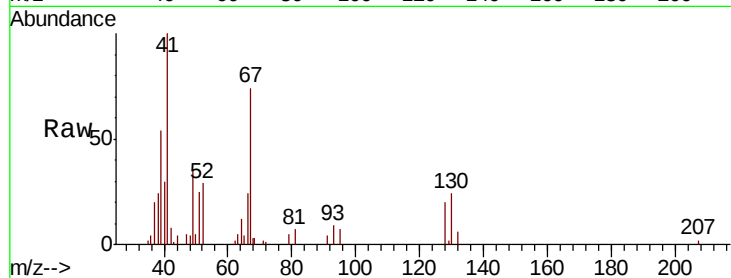




#41
Methacrylonitrile
Concen: 23.136 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

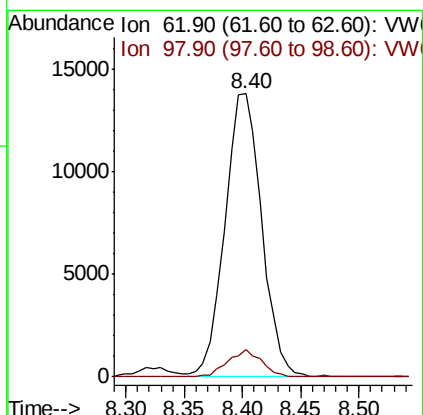
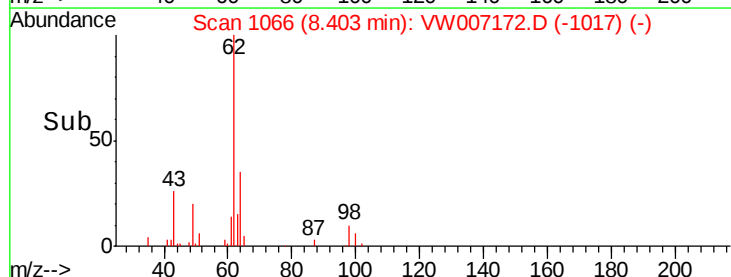
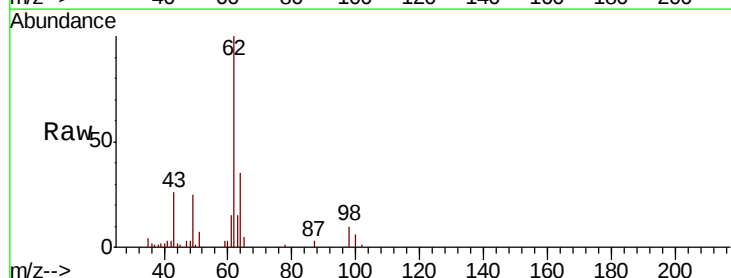
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

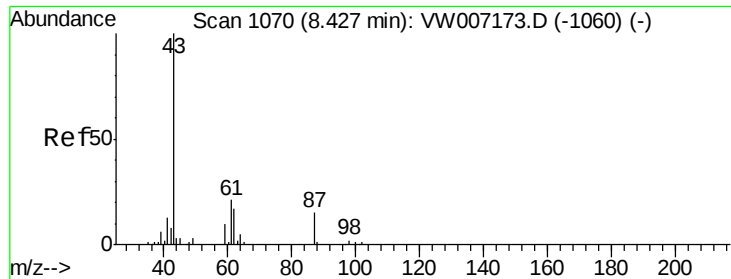
Tgt Ion:	41	Resp:	9637
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.4	65.2
67	69.3	54.3	81.5
52	28.2	21.4	32.2



#42
1,2-Dichloroethane
Concen: 21.172 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion:	62	Resp:	30258
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8





#43

Isopropyl Acetate

Concen: 21.636 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

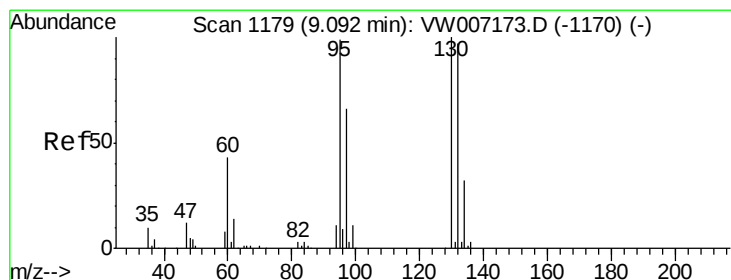
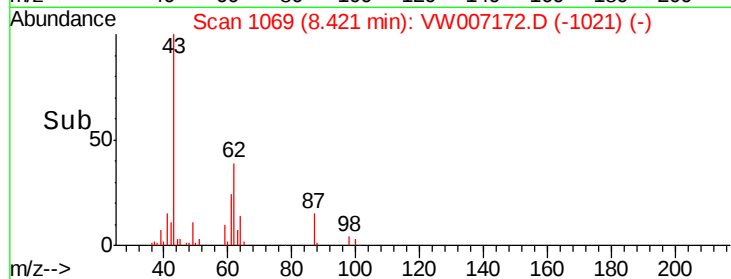
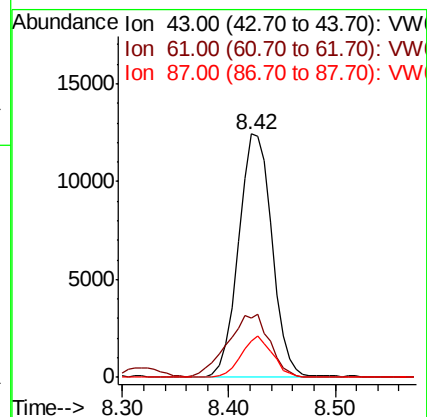
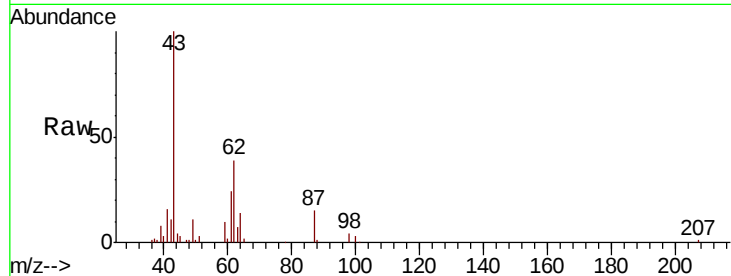
Tgt Ion: 43 Resp: 27542

Ion Ratio Lower Upper

43 100

61 32.1 24.7 37.1

87 15.5 11.3 16.9



#44

Trichloroethene

Concen: 21.432 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007172.D

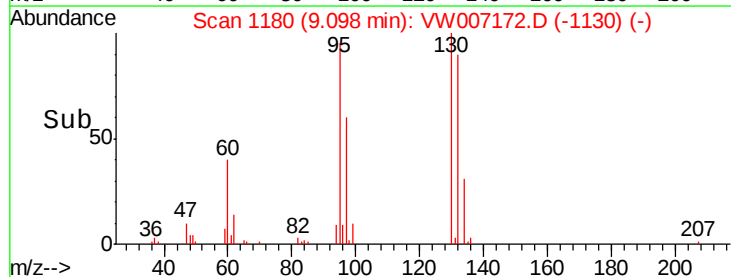
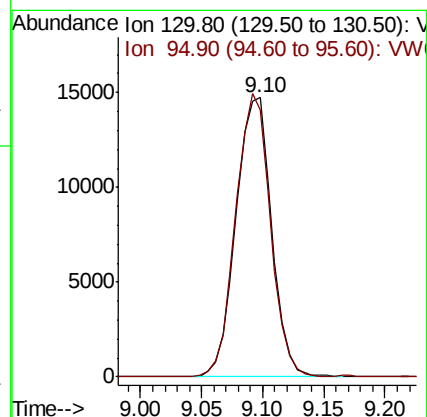
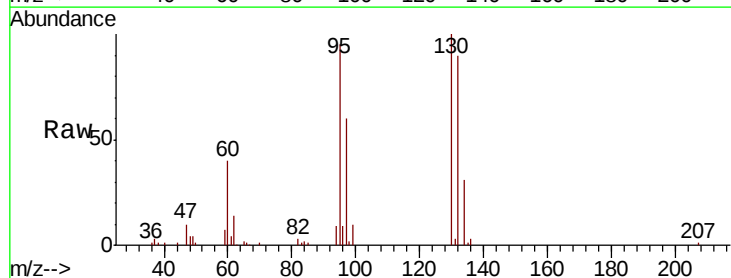
Acq: 04 Dec 2018 00:53

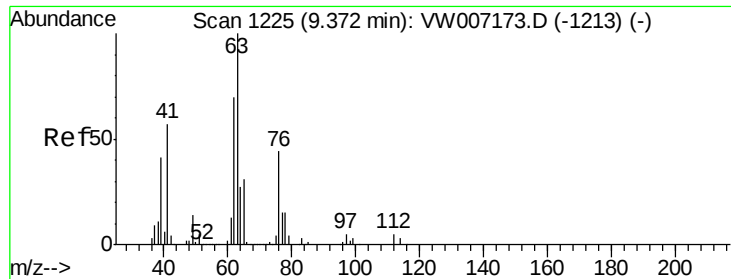
Tgt Ion: 130 Resp: 29617

Ion Ratio Lower Upper

130 100

95 95.4 0.0 198.8

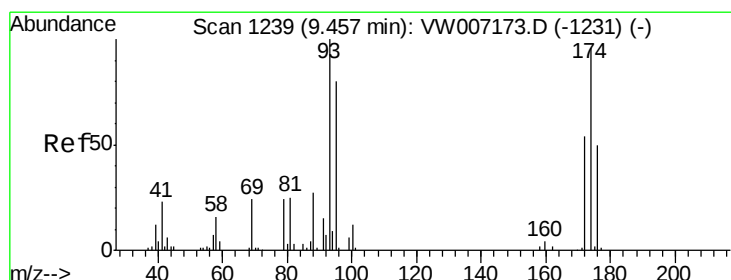
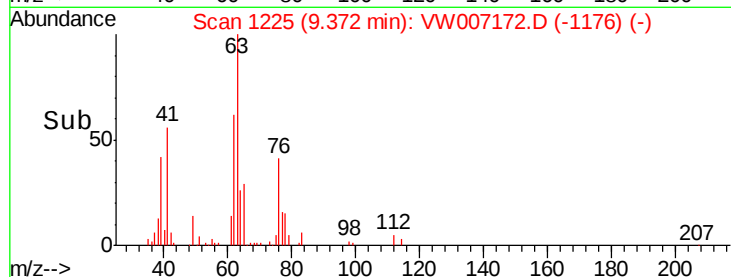
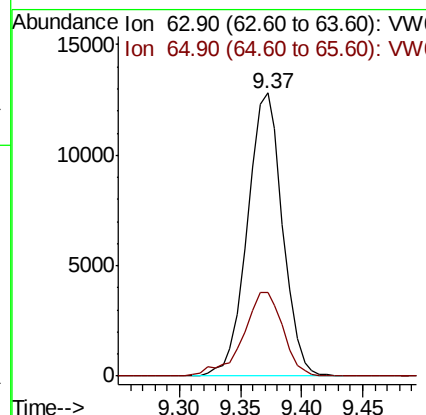
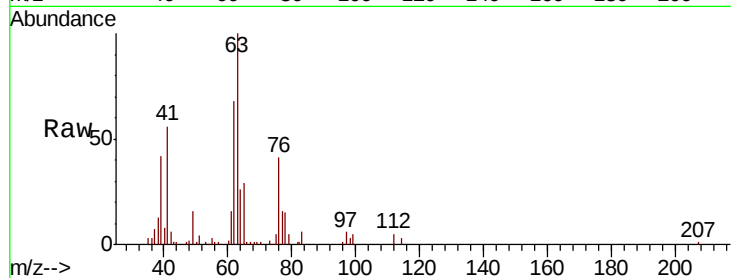




#45
 1,2-Dichloropropane
 Concen: 21.205 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

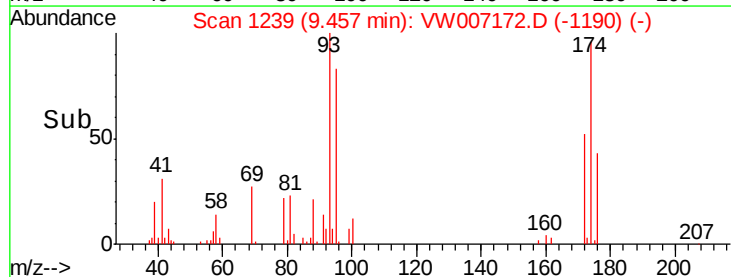
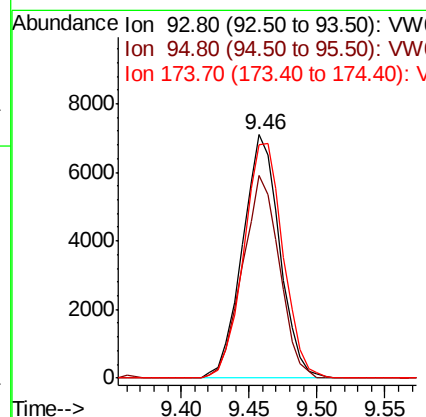
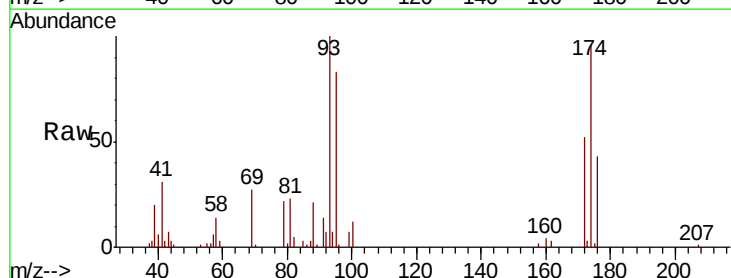
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

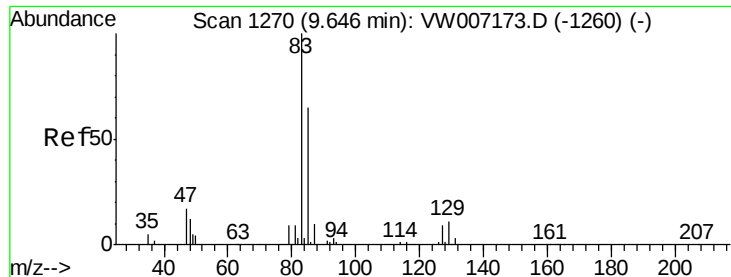
Tgt Ion: 63 Resp: 25611
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.1 37.7



#46
 Dibromomethane
 Concen: 22.160 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 93 Resp: 13576
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 102.1 79.3 118.9

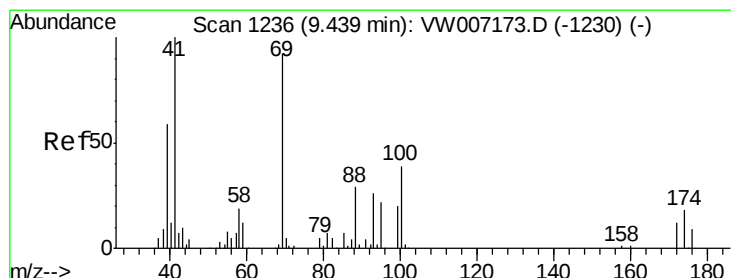
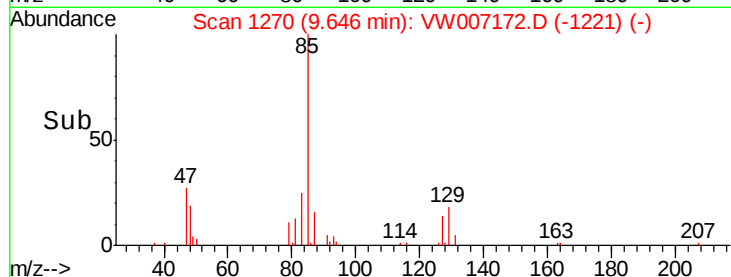
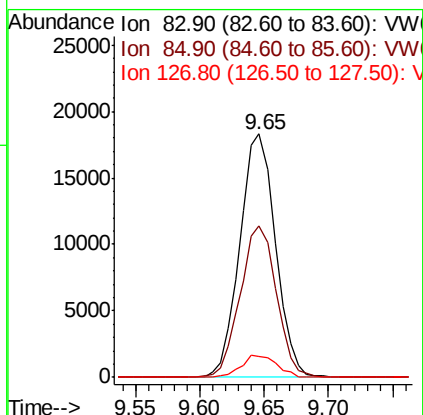
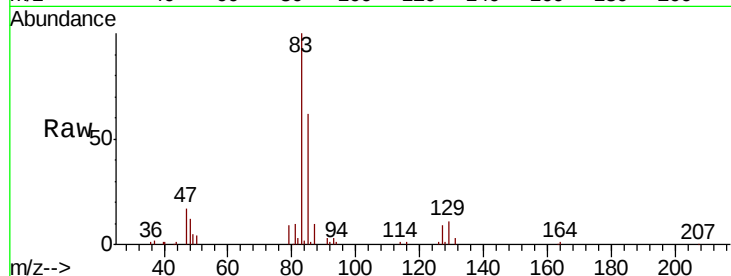




#47
 Bromodichloromethane
 Concen: 21.830 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

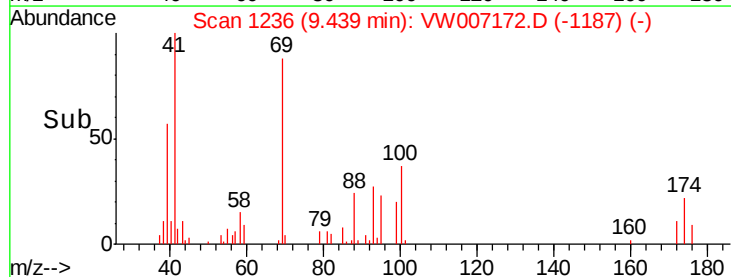
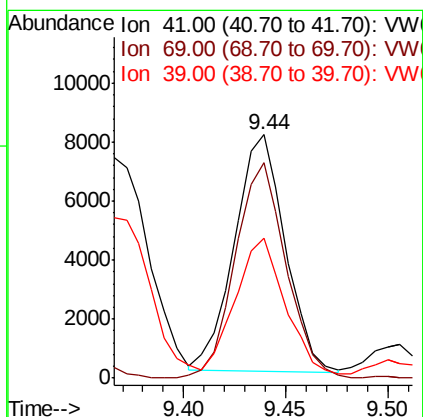
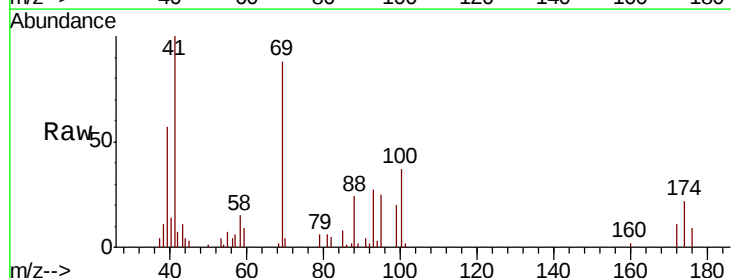
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

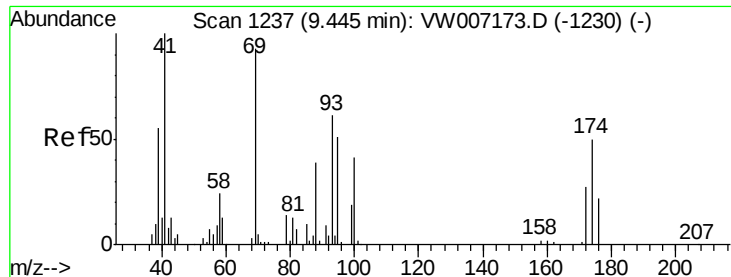
Tgt Ion: 83 Resp: 35053
 Ion Ratio Lower Upper
 83 100
 85 62.2 51.9 77.9
 127 8.5 7.1 10.7



#48
 Methyl methacrylate
 Concen: 22.582 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 41 Resp: 13811
 Ion Ratio Lower Upper
 41 100
 69 91.3 74.9 112.3
 39 56.1 47.5 71.3

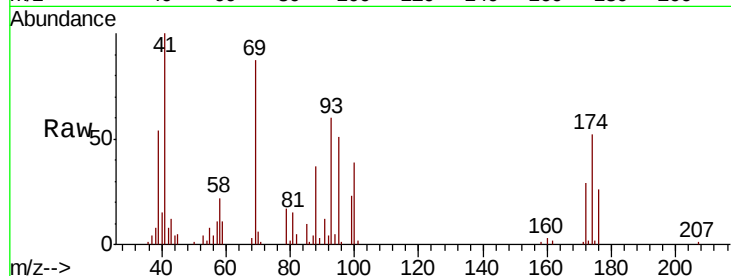




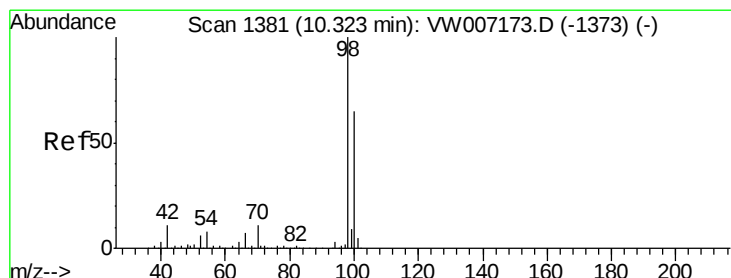
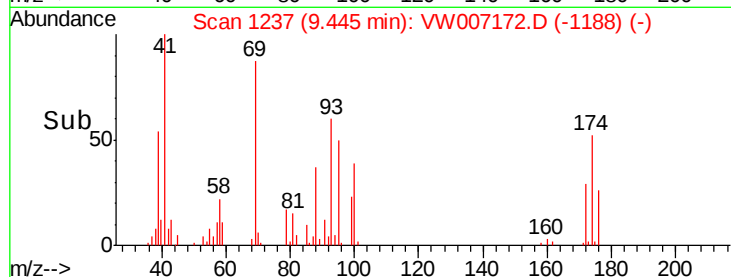
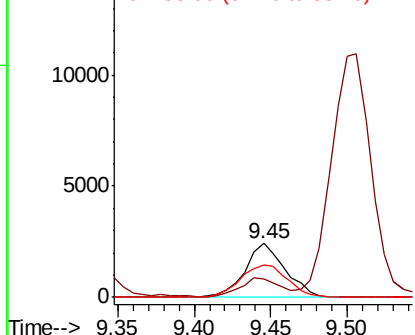
#49
1,4-Dioxane
Concen: 471.644 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 4398
Ion Ratio Lower Upper
88 100
43 35.7 27.7 41.5
58 69.8 52.1 78.1

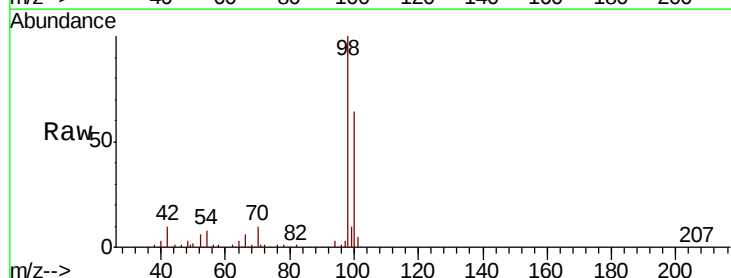


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

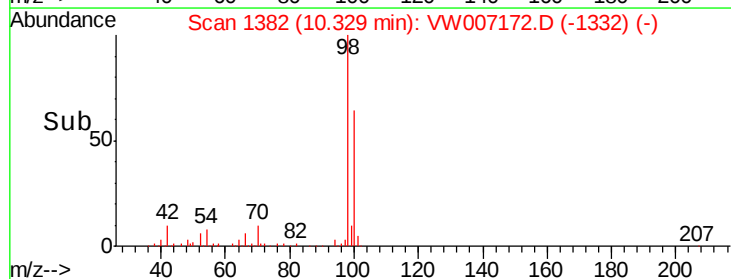
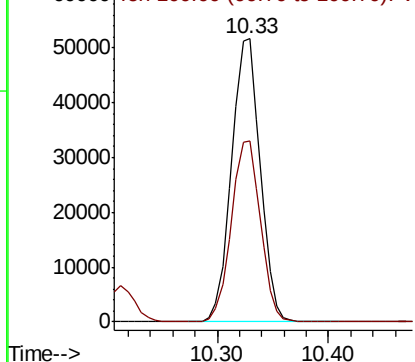


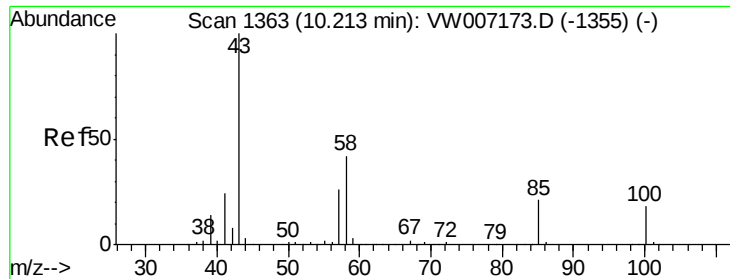
#50
Toluene-d8
Concen: 19.920 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 98 Resp: 92482
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



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

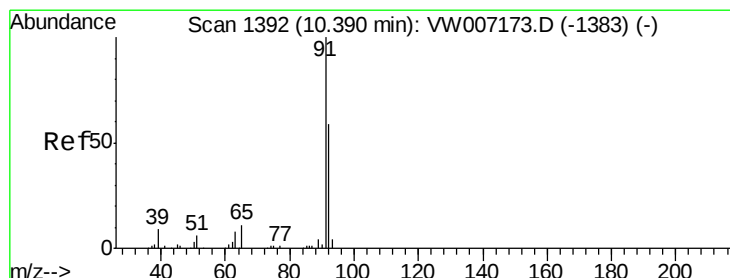
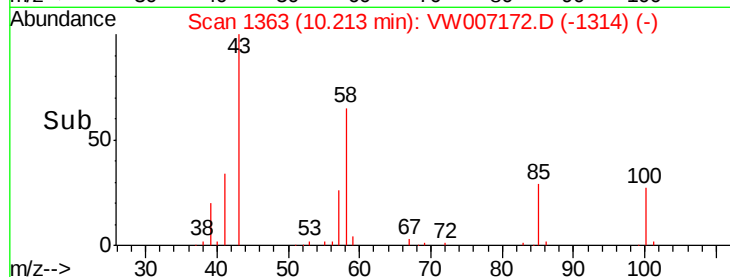
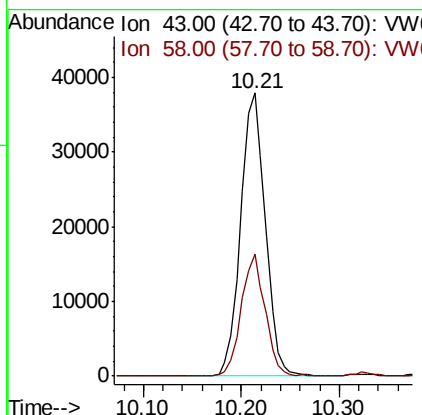
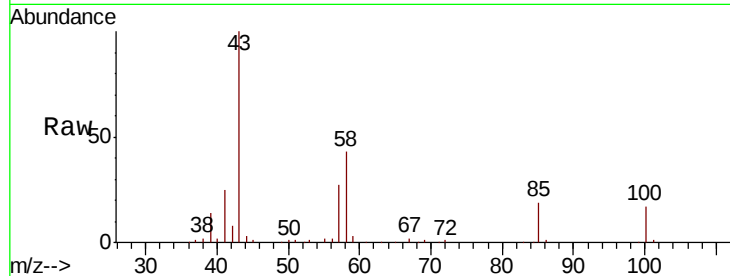




#51
 4-Methyl-2-Pentanone
 Concen: 104.135 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

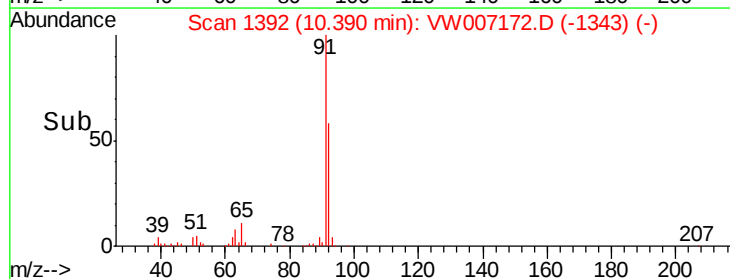
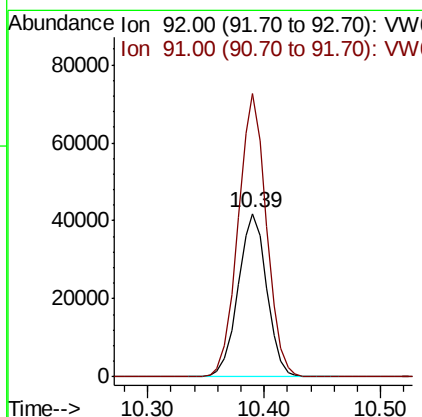
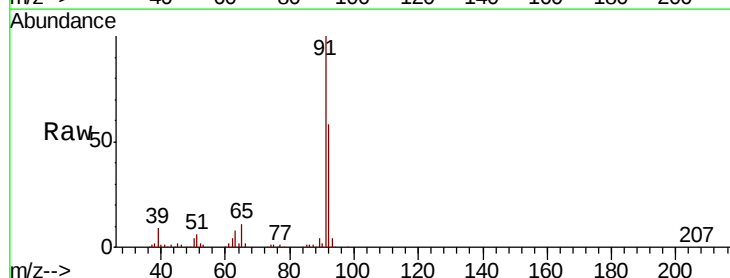
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

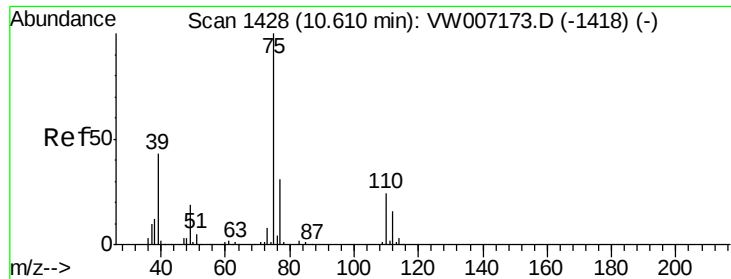
Tgt Ion: 43 Resp: 66610
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.6 49.0



#52
 Toluene
 Concen: 21.396 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 92 Resp: 71737
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 22.166 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

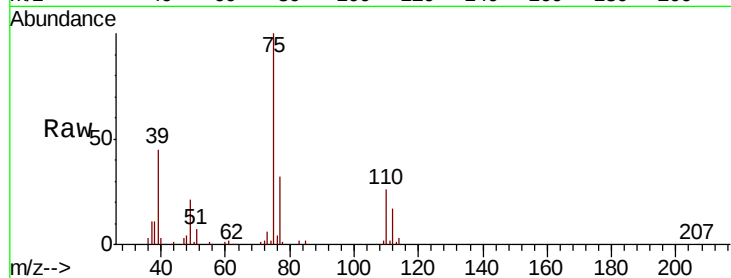
VSTDIC020

Tgt Ion: 75 Resp: 34567

Ion Ratio Lower Upper

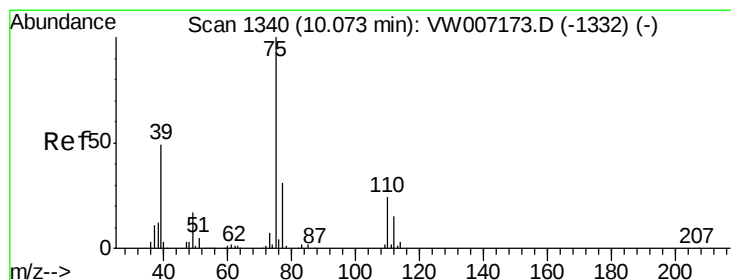
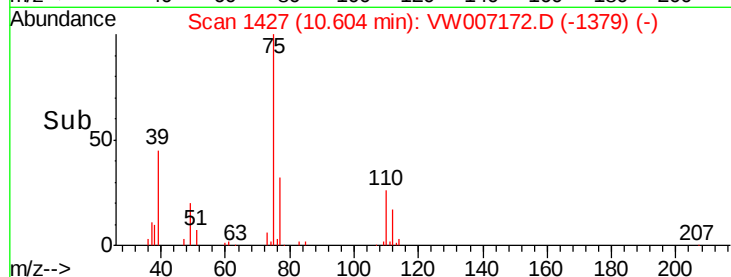
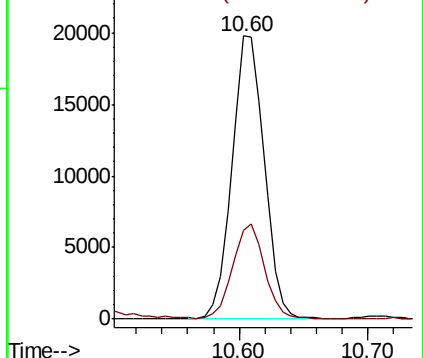
75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.835 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

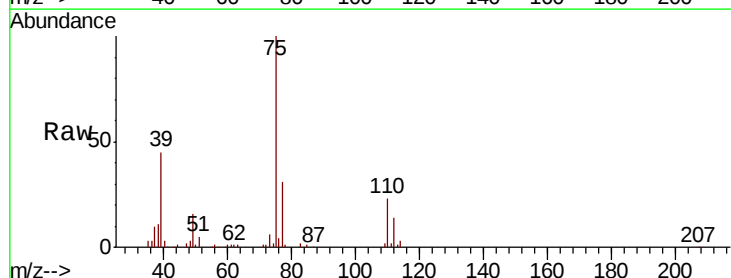
Tgt Ion: 75 Resp: 40799

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

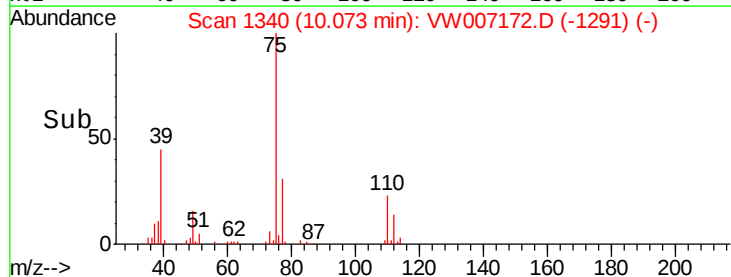
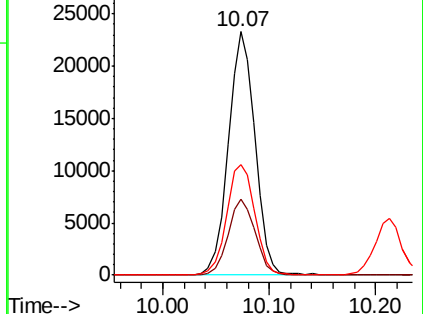
39 45.4 39.0 58.6

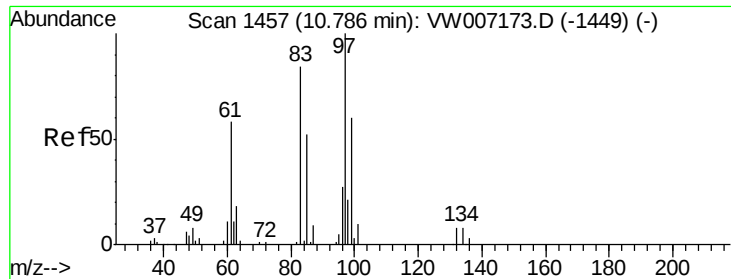


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

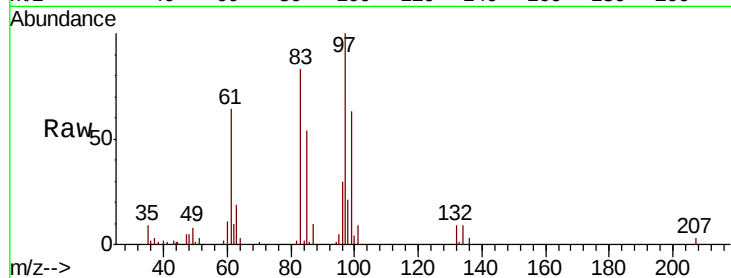




#55
 1,1,2-Trichloroethane
 Concen: 21.587 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	19342
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.0	100.4
85	54.2	41.5	62.3
99	63.4	48.4	72.6



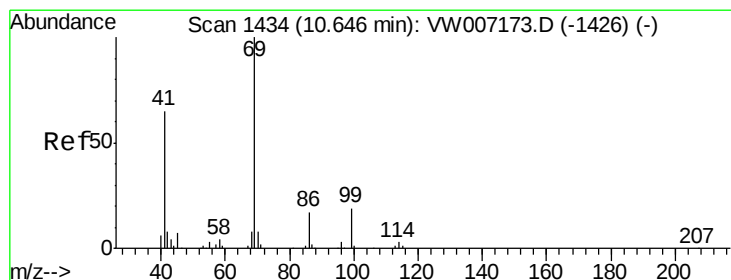
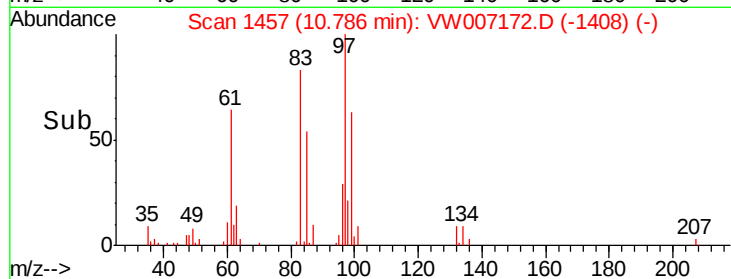
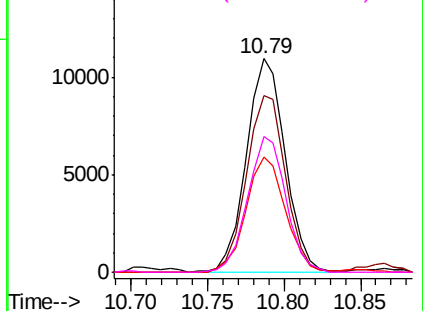
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

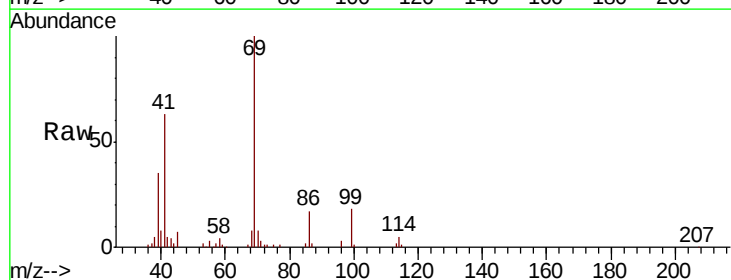
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 23.027 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion:	69	Resp:	24301
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.2	76.8
39	34.1	26.7	40.1

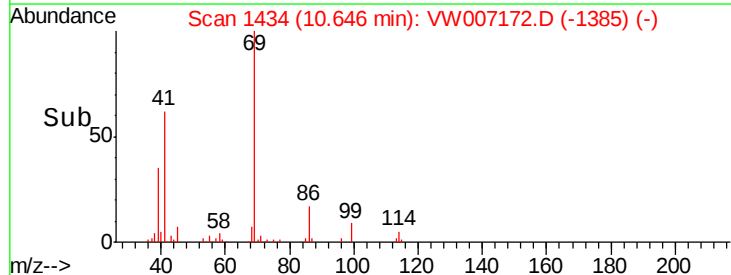
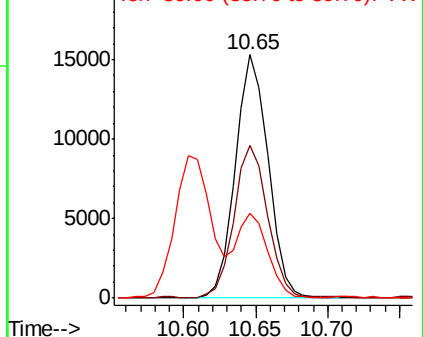


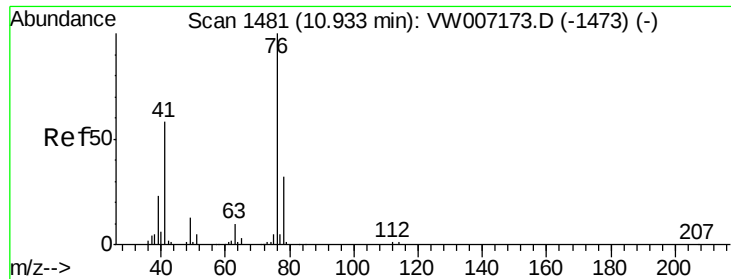
Abundance

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

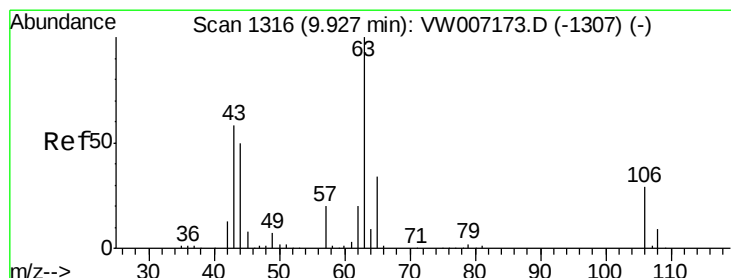
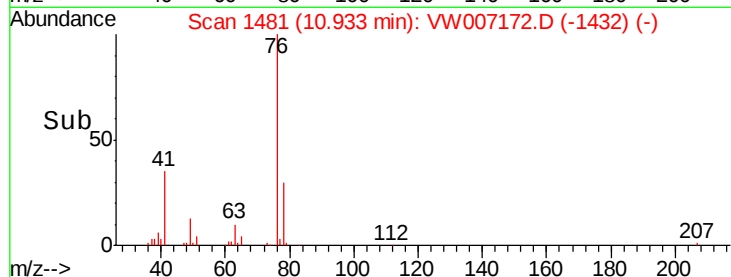
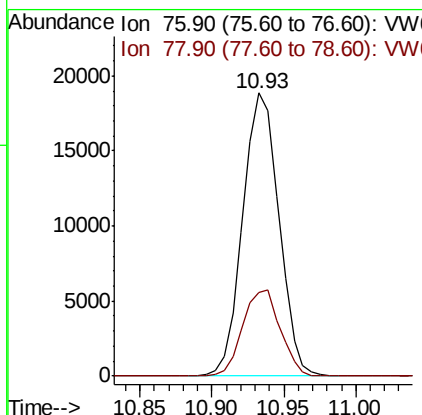
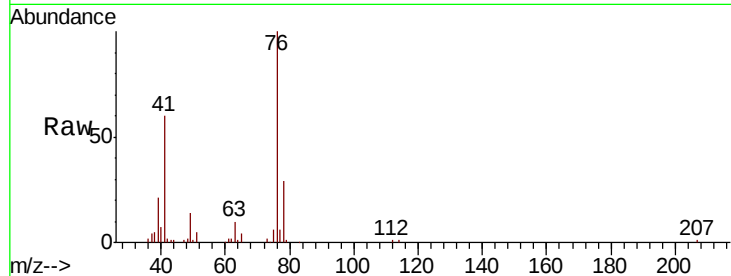




#57
 1,3-Dichloropropane
 Concen: 21.861 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

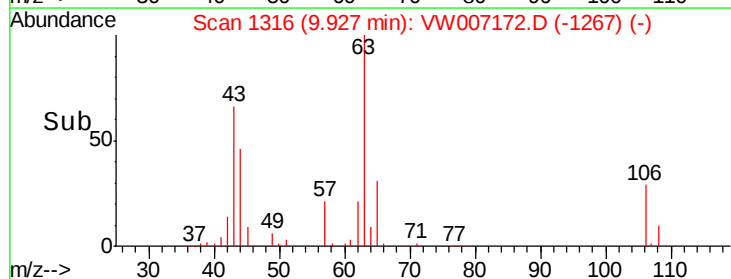
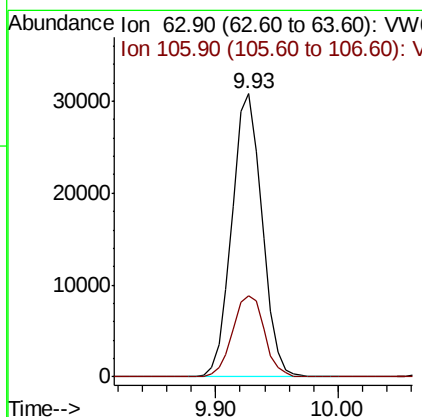
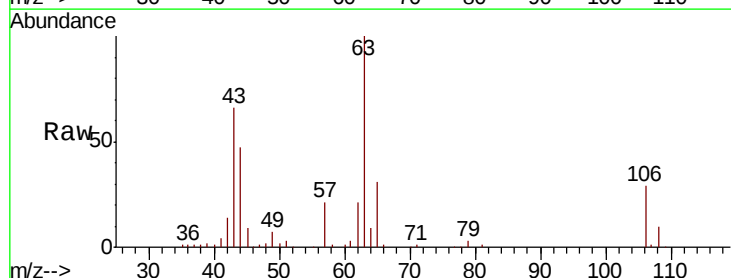
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

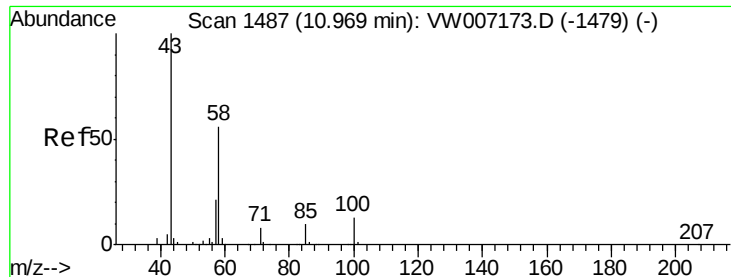
Tgt Ion: 76 Resp: 32840
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.578 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 63 Resp: 52640
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.5 35.3

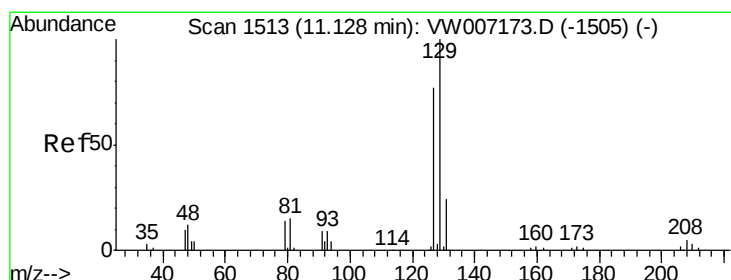
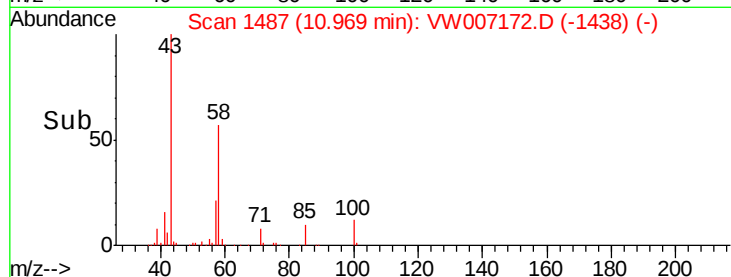
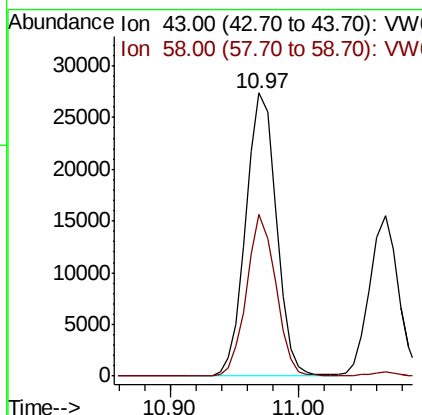
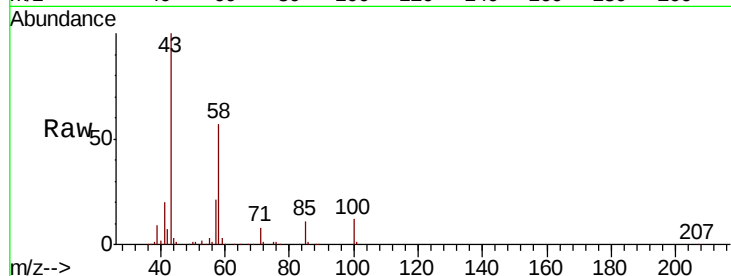




#59
2-Hexanone
Concen: 103.317 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

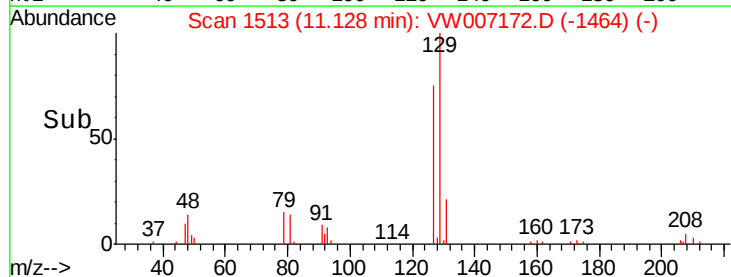
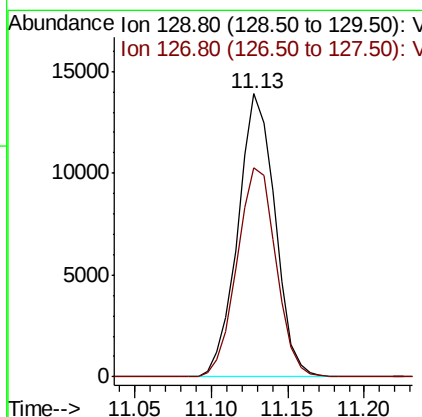
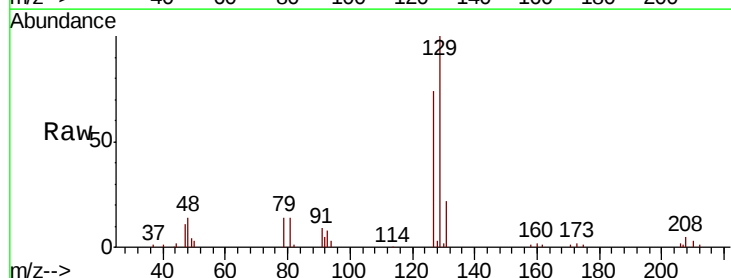
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

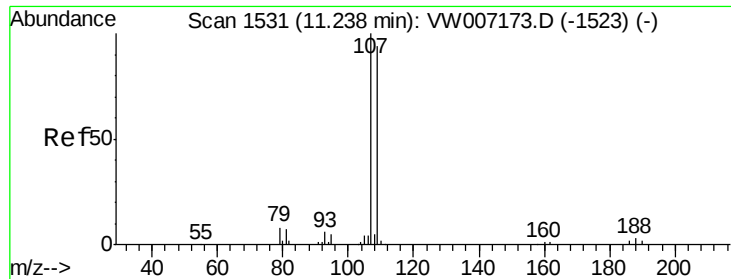
Tgt Ion: 43 Resp: 45118
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.9



#60
Dibromochloromethane
Concen: 22.773 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 129 Resp: 23429
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

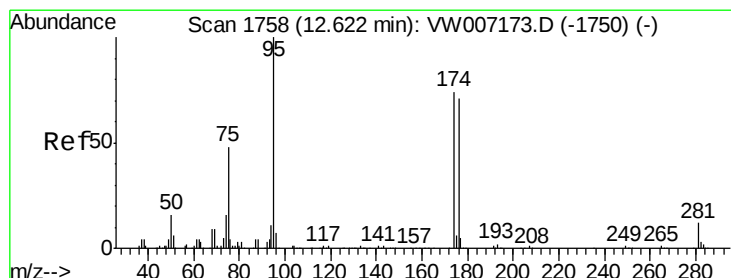
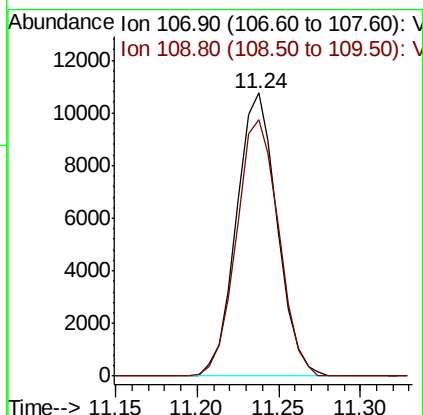
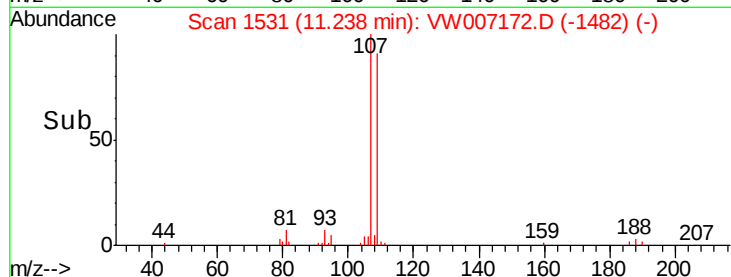
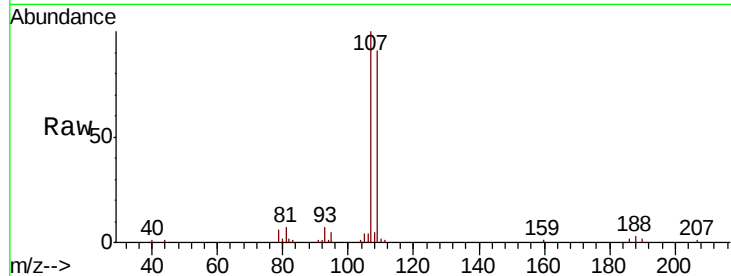




#61
 1,2-Dibromoethane
 Concen: 22.515 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

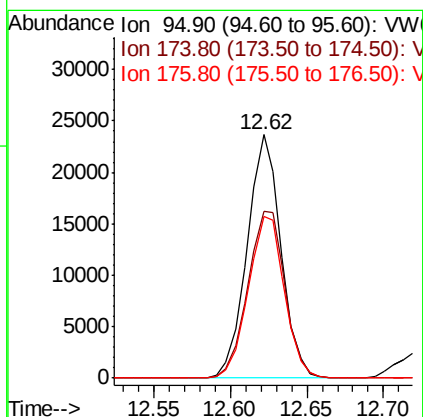
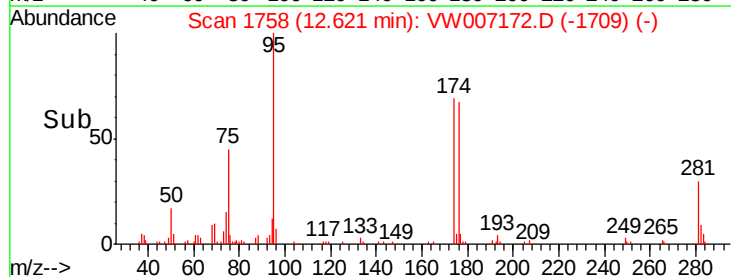
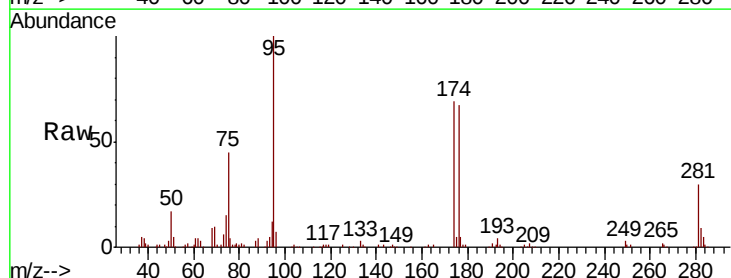
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

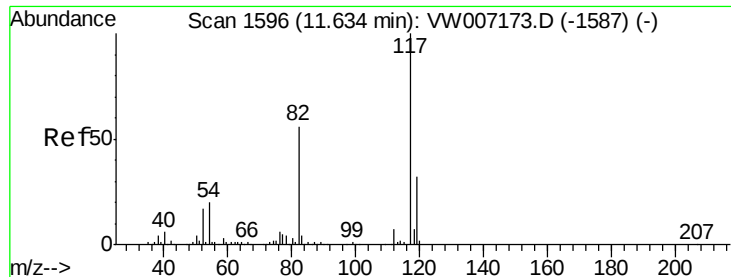
Tgt Ion: 107 Resp: 18632
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 19.829 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 95 Resp: 36229
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 148.4
 176 71.0 0.0 141.8

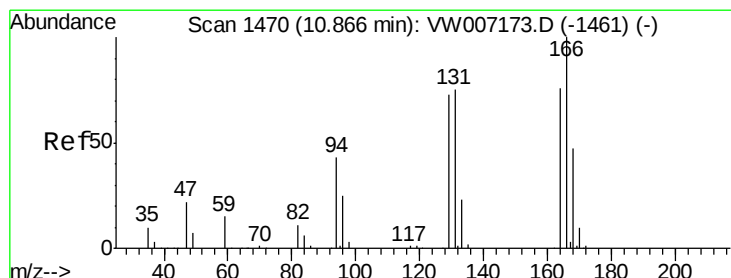
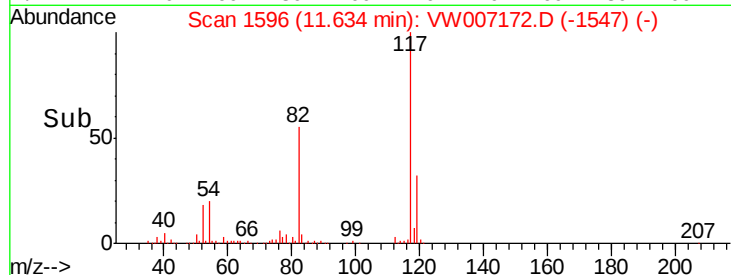
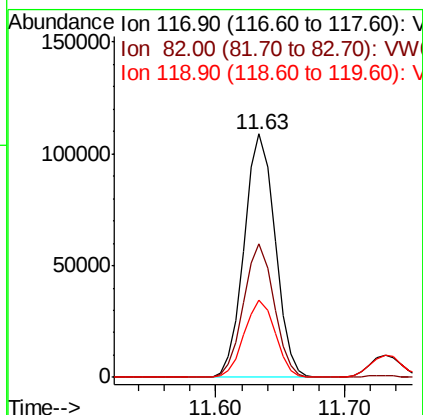
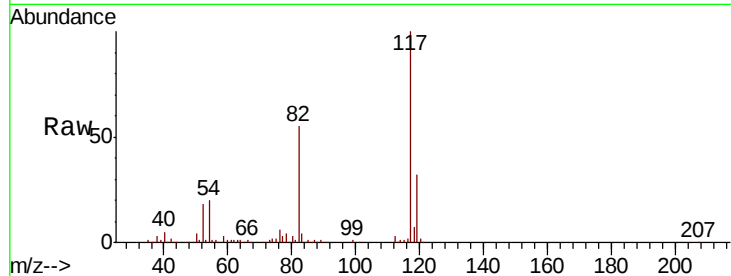




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

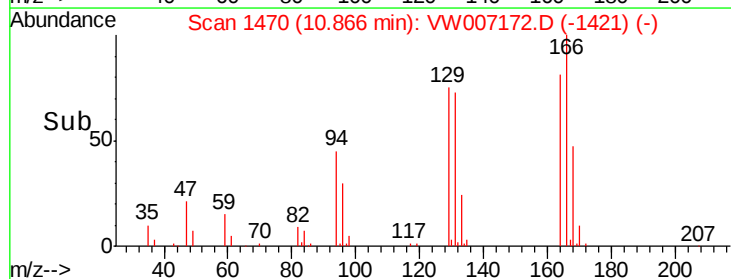
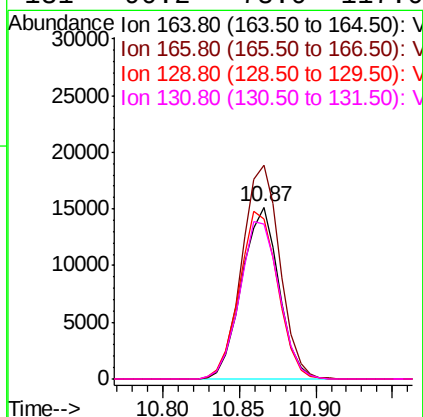
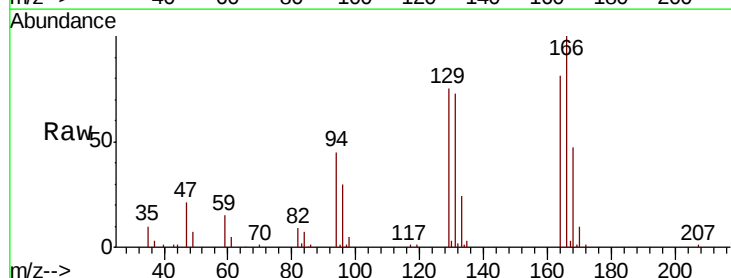
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

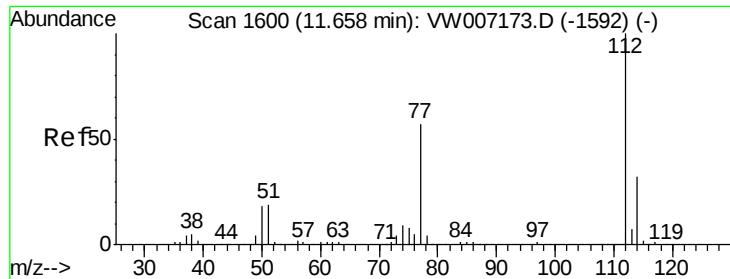
Tgt Ion:117 Resp: 180371
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 21.865 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion:164 Resp: 25601
Ion Ratio Lower Upper
164 100
166 124.1 104.6 157.0
129 92.8 76.1 114.1
131 90.2 78.0 117.0

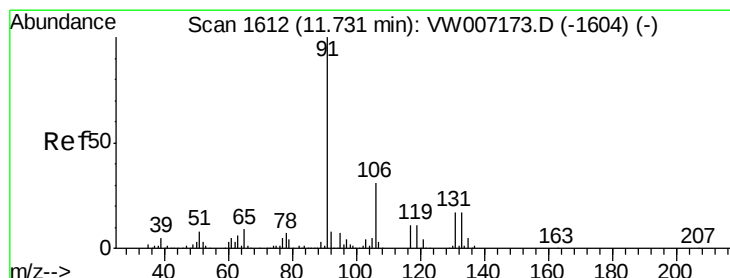
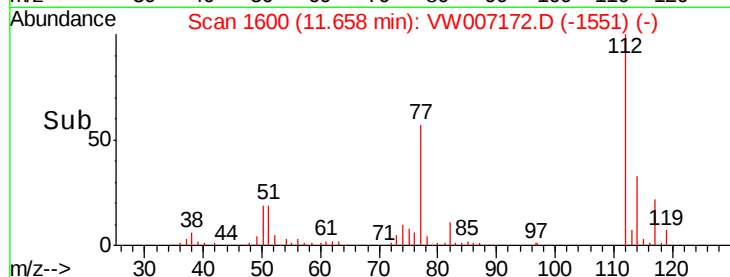
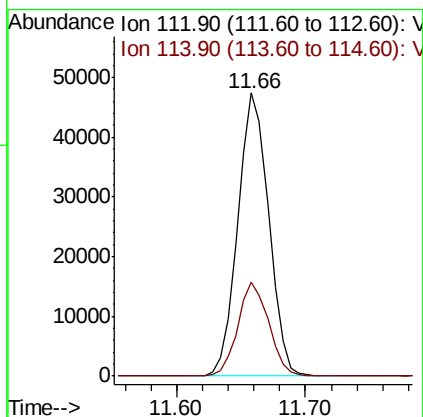
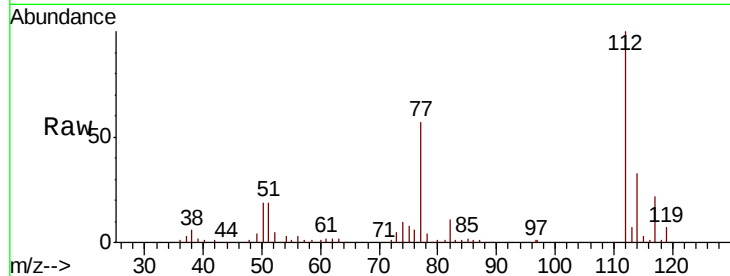




#65
Chlorobenzene
Concen: 20.975 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

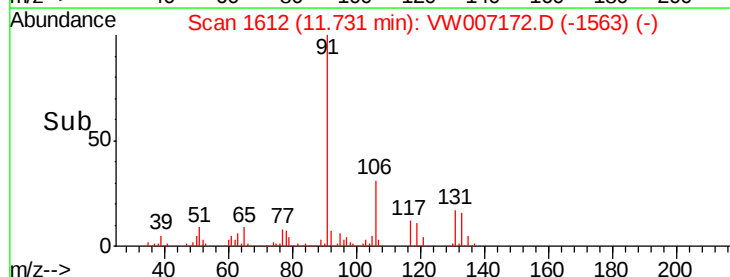
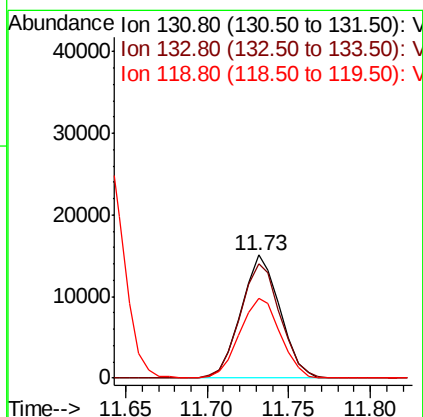
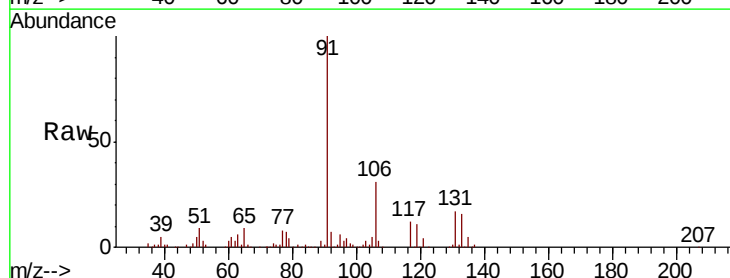
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

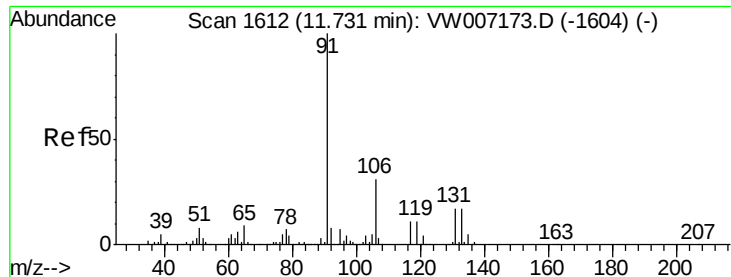
Tgt Ion:112 Resp: 78682
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.655 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion:131 Resp: 24900
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 68.1 31.7 95.1

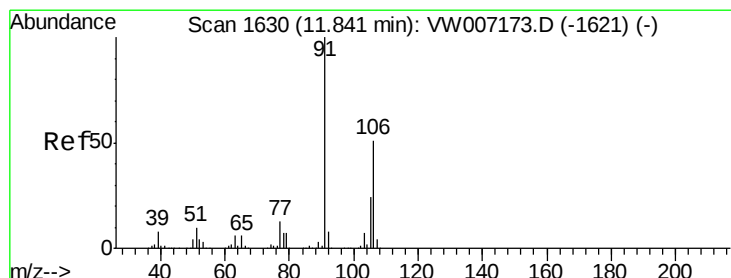
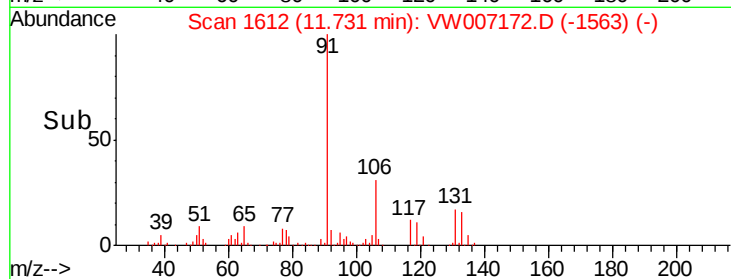
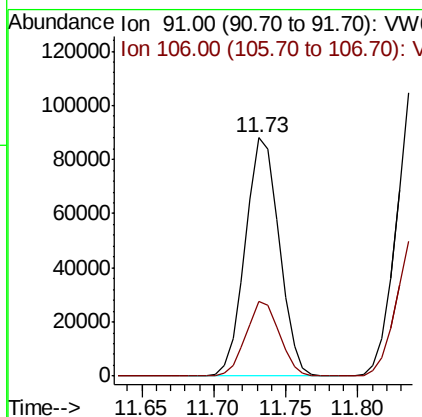
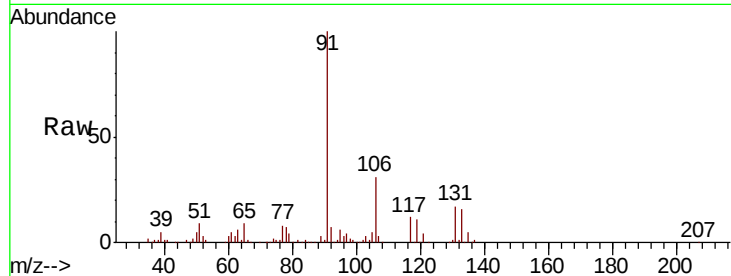




#67
Ethyl Benzene
Concen: 20.872 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

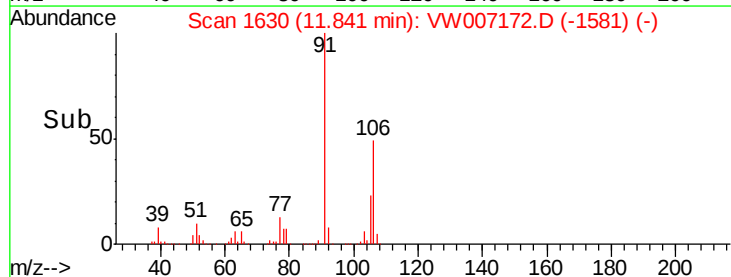
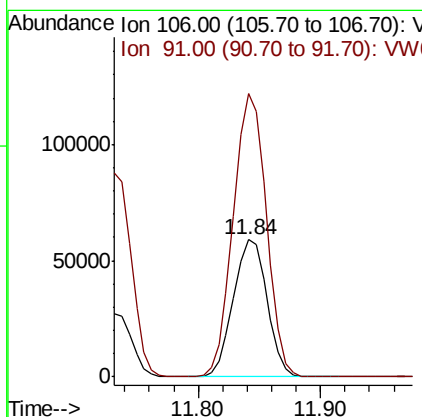
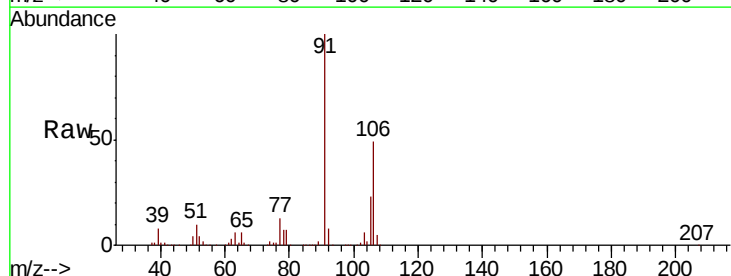
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

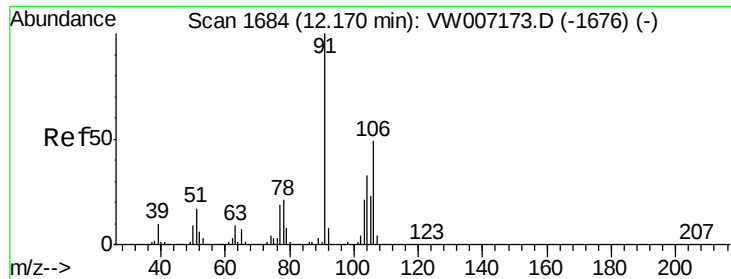
Tgt Ion: 91 Resp: 143566
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 41.860 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 106 Resp: 113044
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.2

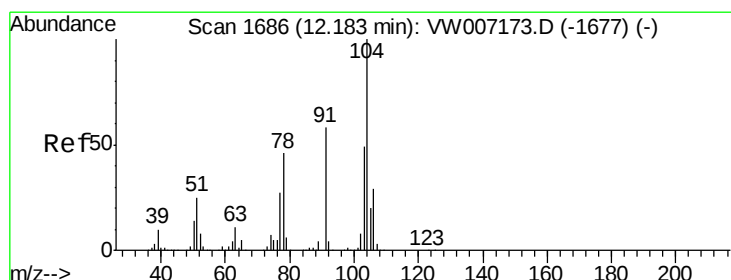
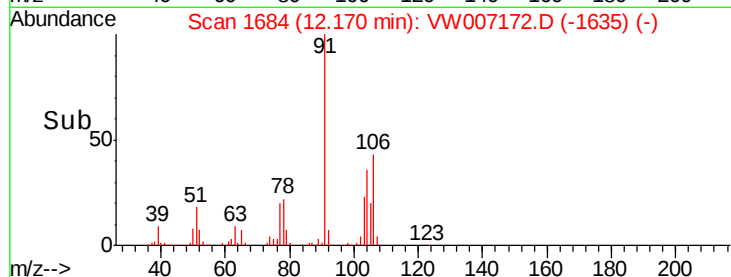
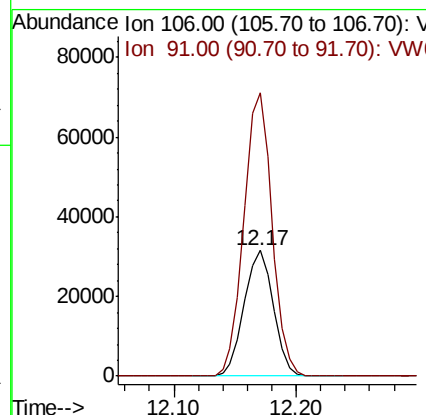
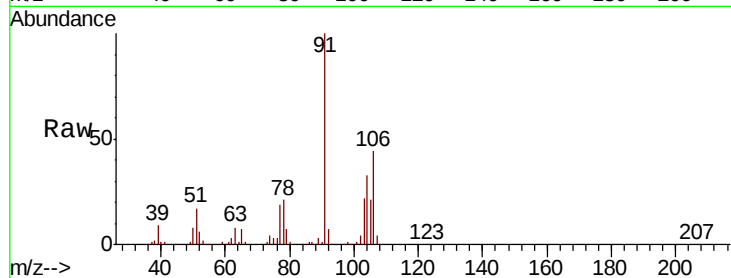




#69
o-Xylene
Concen: 20.650 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

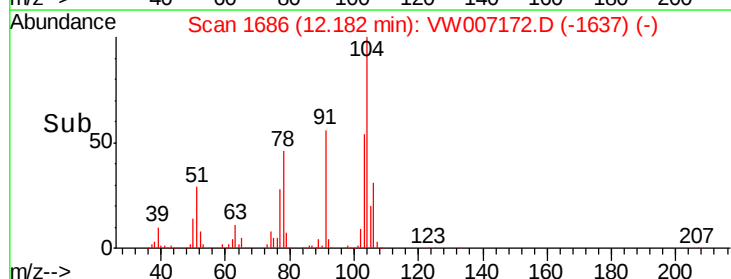
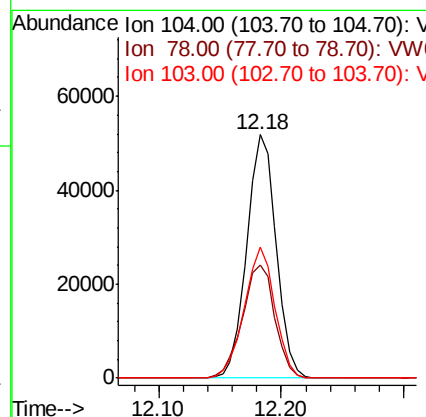
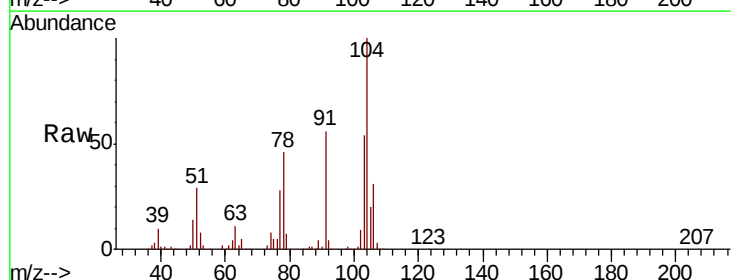
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

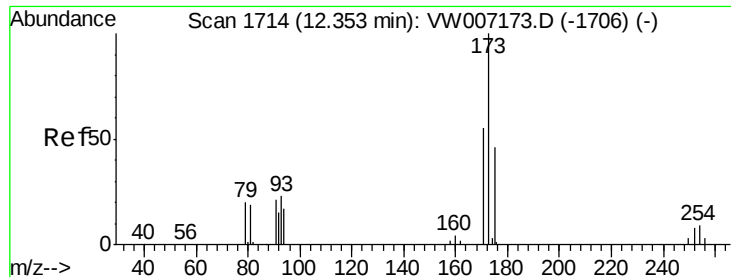
Tgt Ion:106 Resp: 52549
Ion Ratio Lower Upper
106 100
91 216.2 104.6 313.8



#70
Styrene
Concen: 21.288 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion:104 Resp: 86503
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 56.1 43.7 65.5





#71

Bromoform

Concen: 23.271 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

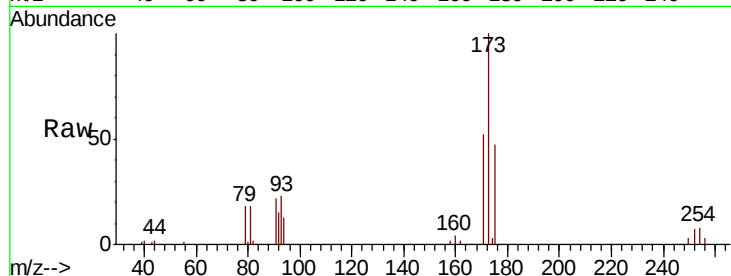
Tgt Ion:173 Resp: 12726

Ion Ratio Lower Upper

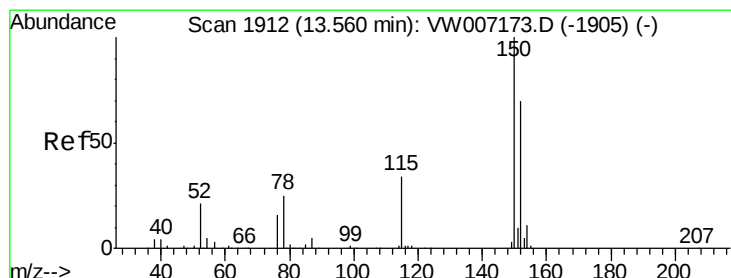
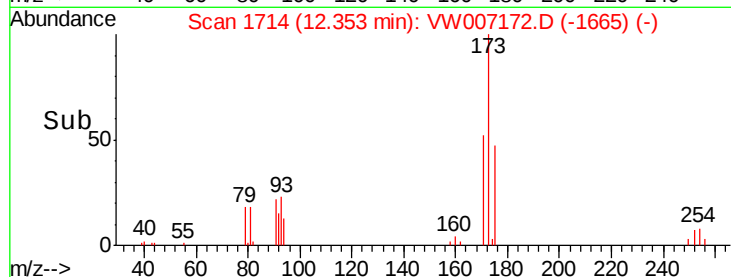
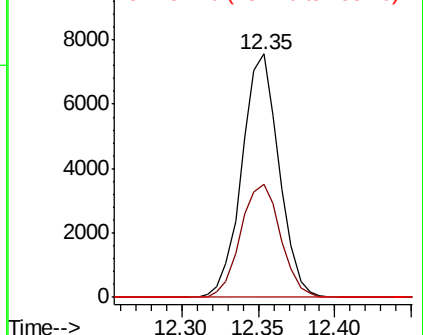
173 100

175 49.9 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: VW007172.D

Acq: 04 Dec 2018 00:53

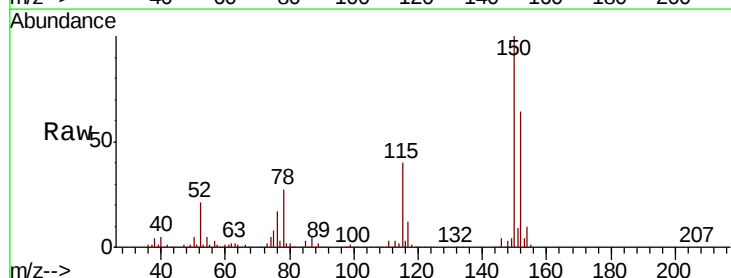
Tgt Ion:152 Resp: 91477

Ion Ratio Lower Upper

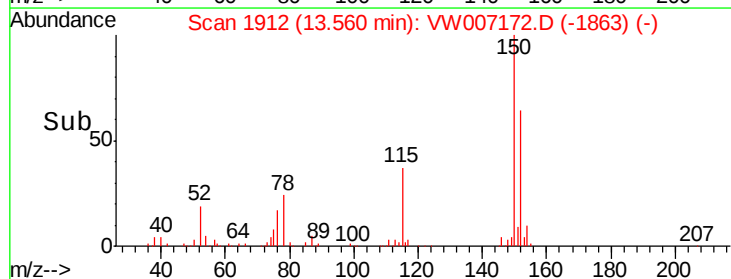
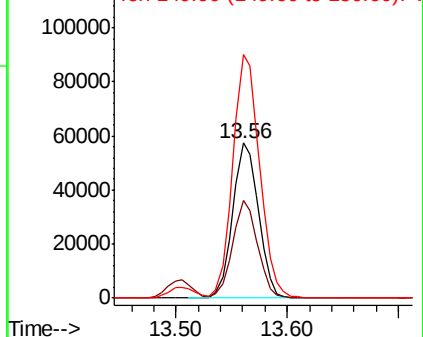
152 100

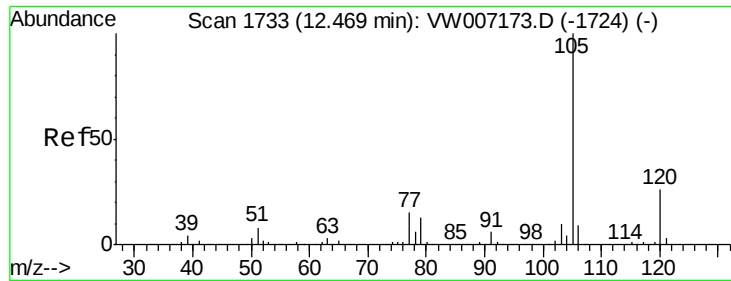
115 61.2 29.6 88.9

150 164.0 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: 20.570 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

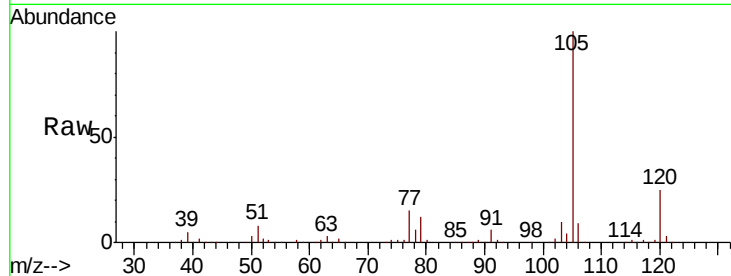
VSTDIC020

Tgt Ion: 105 Resp: 144518

Ion Ratio Lower Upper

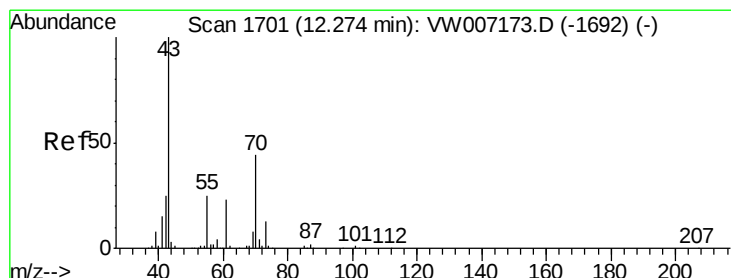
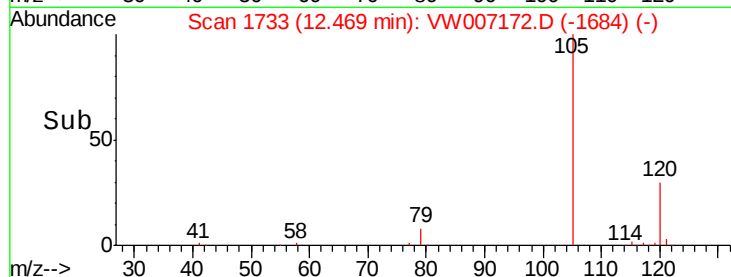
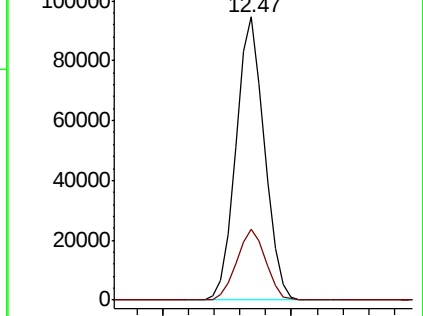
105 100

120 25.5 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: 22.912 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Tgt Ion: 43 Resp: 27480

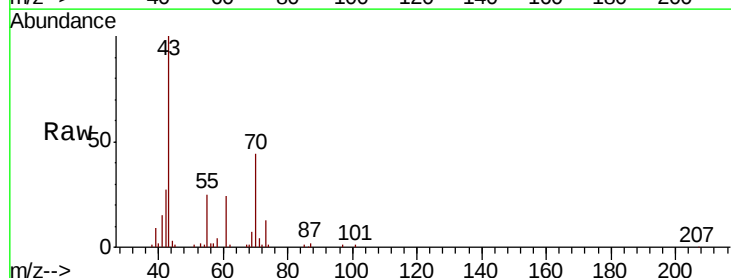
Ion Ratio Lower Upper

43 100

70 42.1 35.1 52.7

55 24.5 19.4 29.2

61 24.3 19.4 29.2

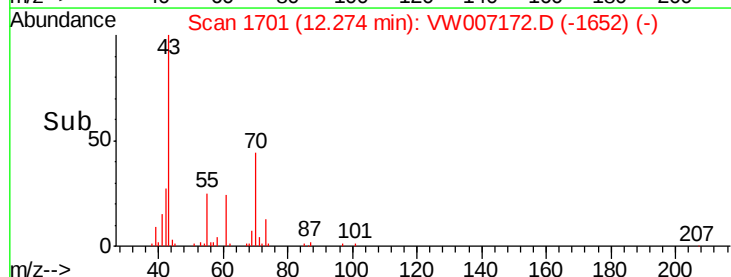
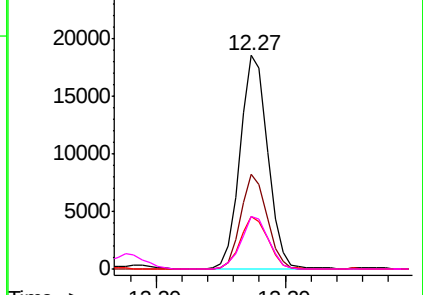


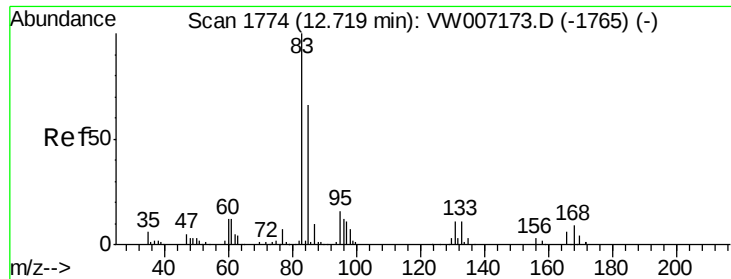
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.847 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

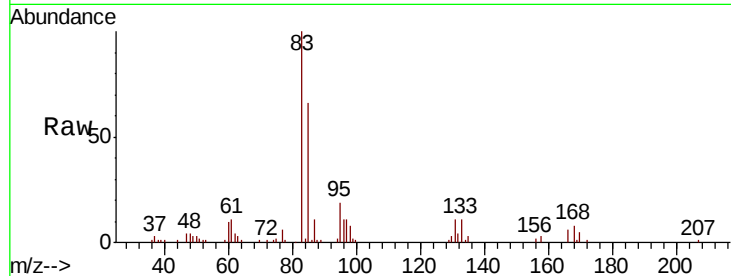
Tgt Ion: 83 Resp: 20706

Ion Ratio Lower Upper

83 100

131 11.5 6.2 18.6

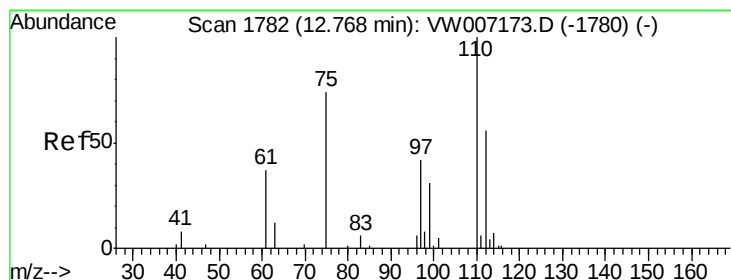
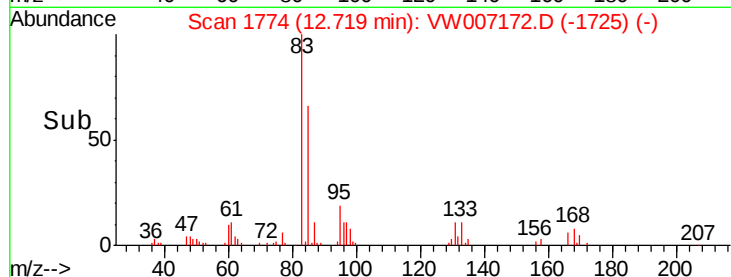
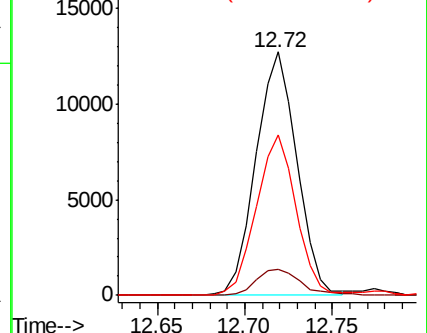
85 64.1 32.6 98.0



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: 37.890 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007172.D

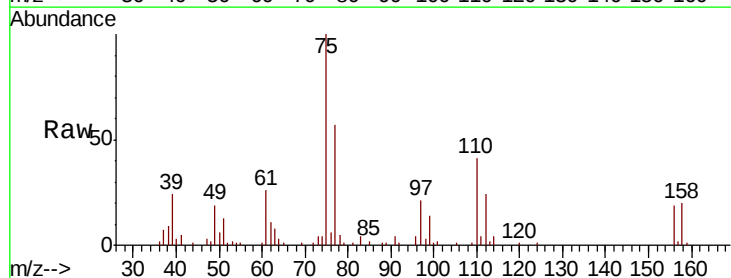
Acq: 04 Dec 2018 00:53

Tgt Ion: 75 Resp: 28098

Ion Ratio Lower Upper

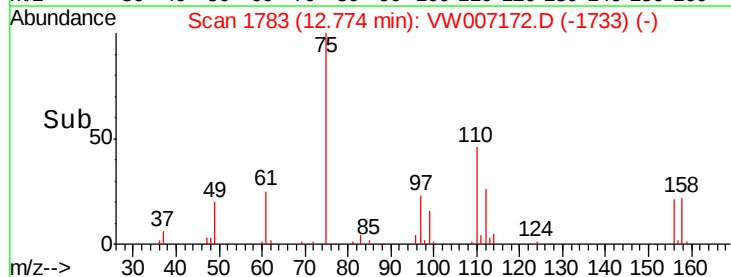
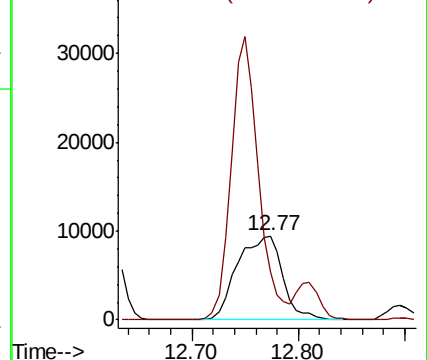
75 100

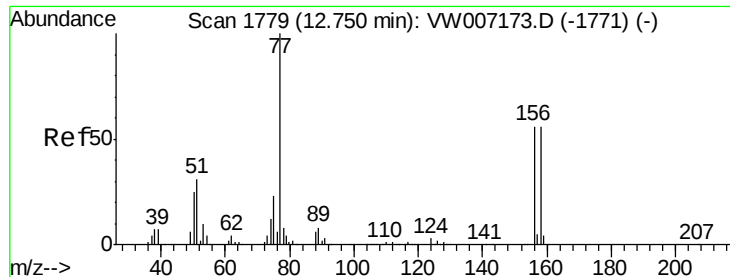
77 0.0 186.5 559.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.096 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

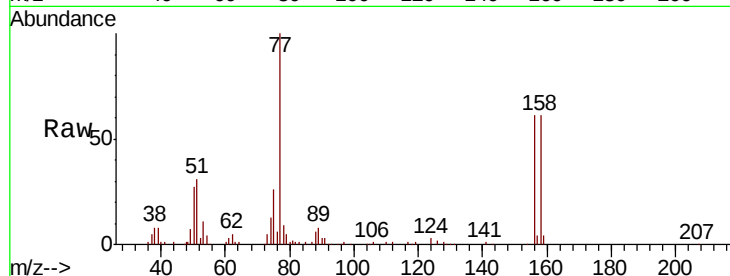
Tgt Ion:156 Resp: 31916

Ion Ratio Lower Upper

156 100

77 180.5 95.0 285.2

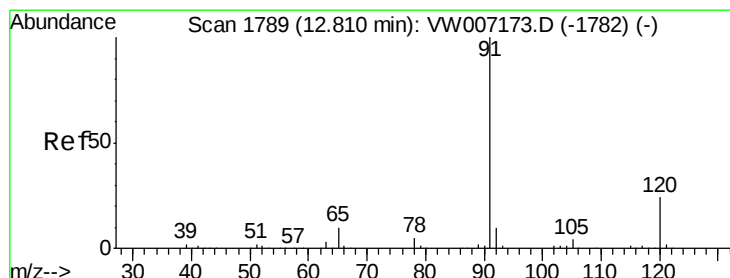
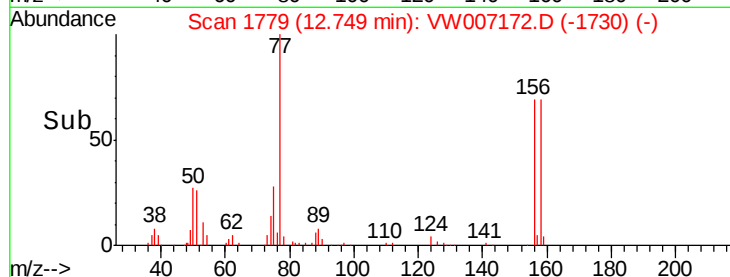
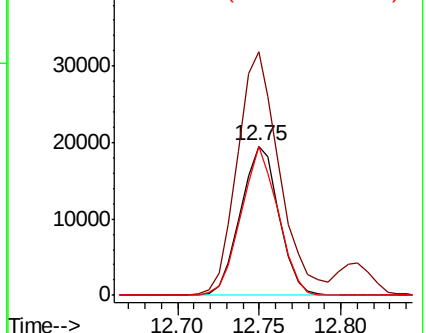
158 96.2 49.7 149.1



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: 20.408 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007172.D

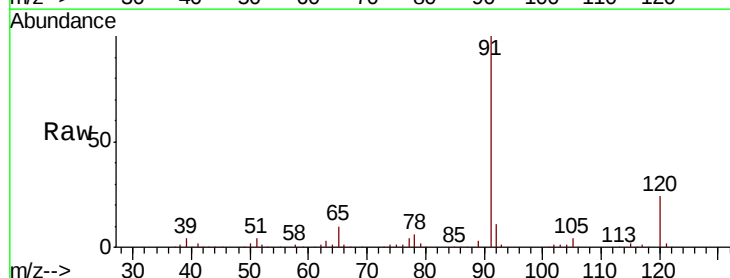
Acq: 04 Dec 2018 00:53

Tgt Ion: 91 Resp: 173262

Ion Ratio Lower Upper

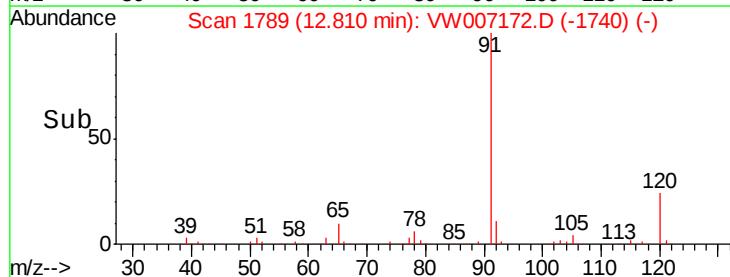
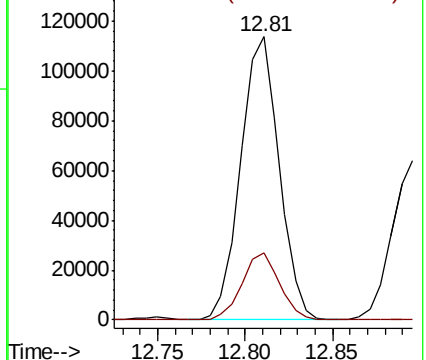
91 100

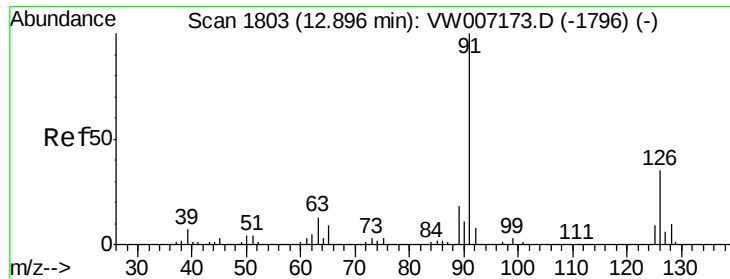
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

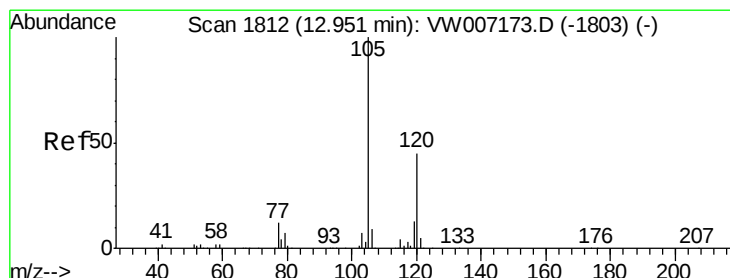
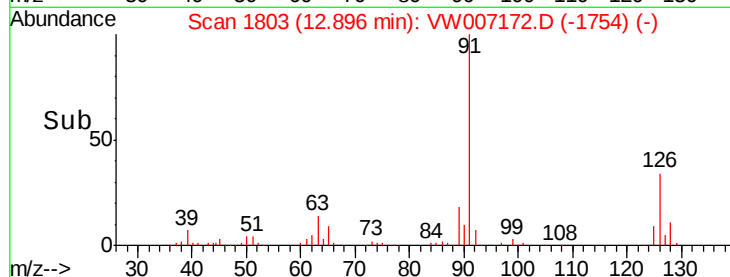
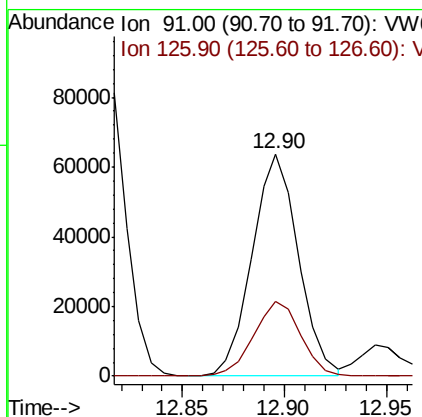
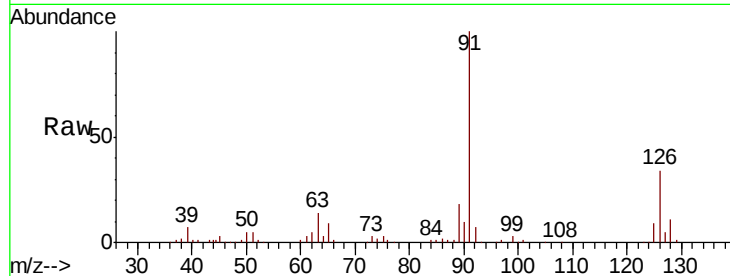




#79
 2-Chlorotoluene
 Concen: 20.466 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

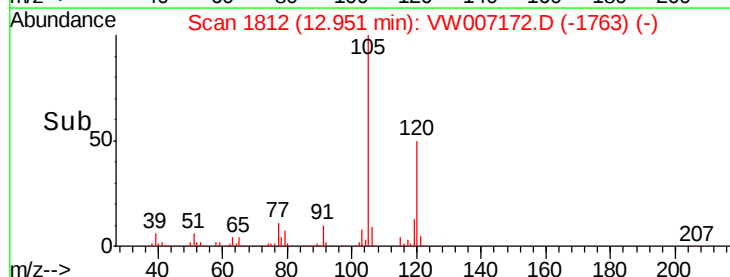
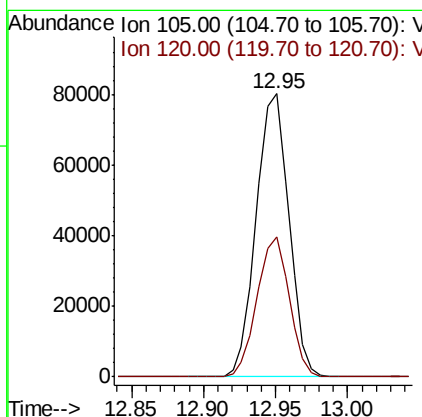
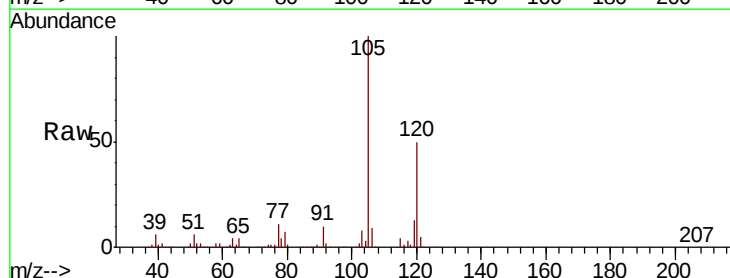
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

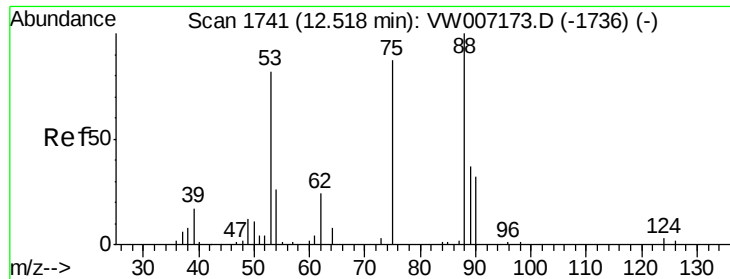
Tgt Ion: 91 Resp: 100370
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.683 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 105 Resp: 125646
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.9 71.8

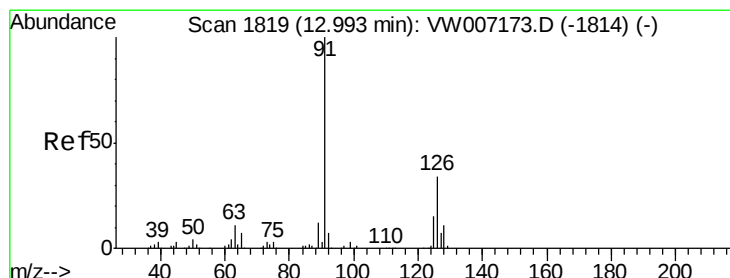
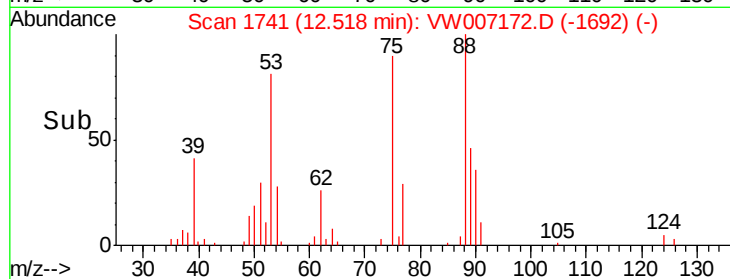
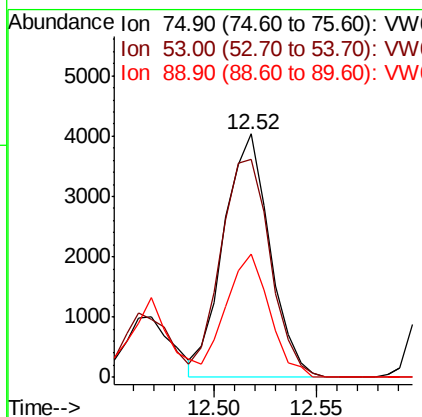
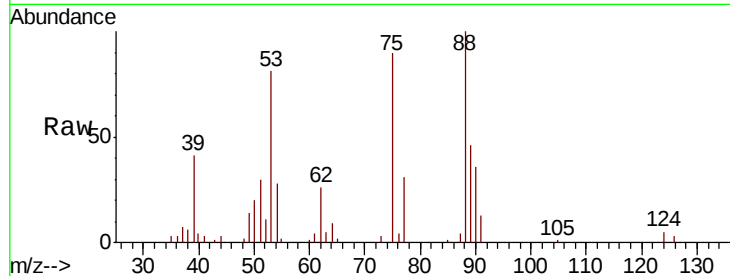




#81
trans-1,4-Dichloro-2-butene
Concen: 21.979 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

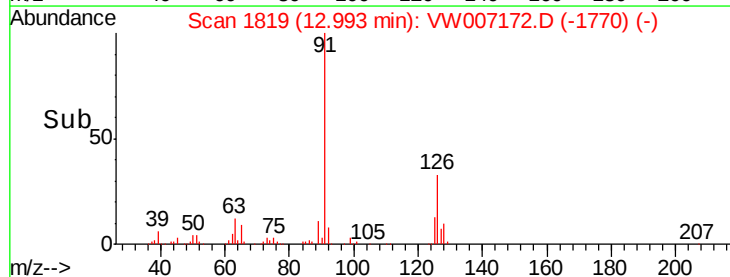
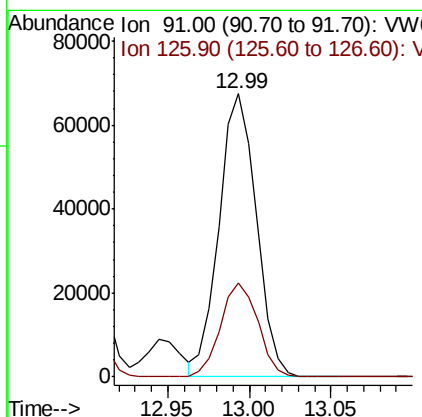
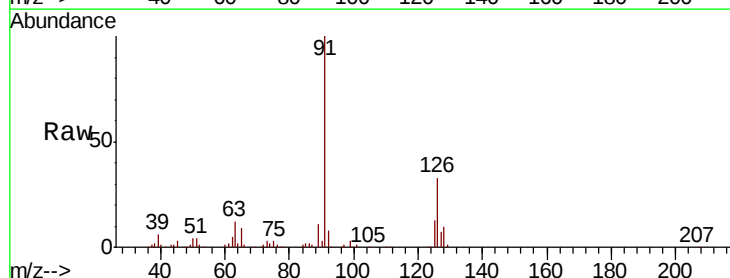
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

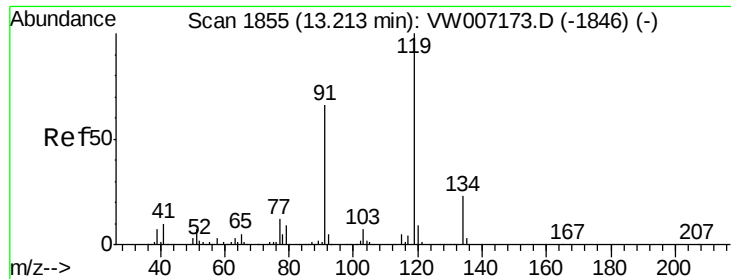
Tgt Ion: 75 Resp: 6349
Ion Ratio Lower Upper
75 100
53 96.2 73.5 110.3
89 47.6 36.4 54.6



#82
4-Chlorotoluene
Concen: 20.876 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion: 91 Resp: 107304
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

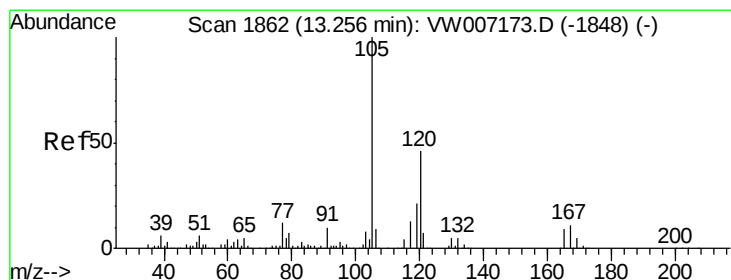
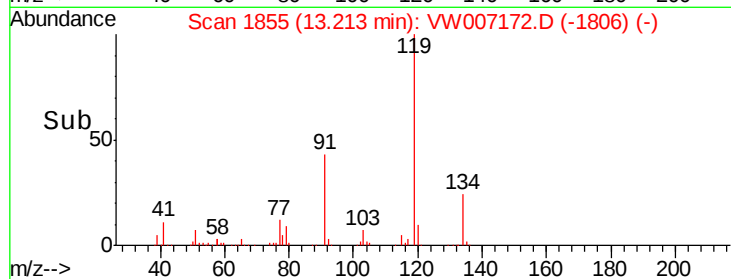
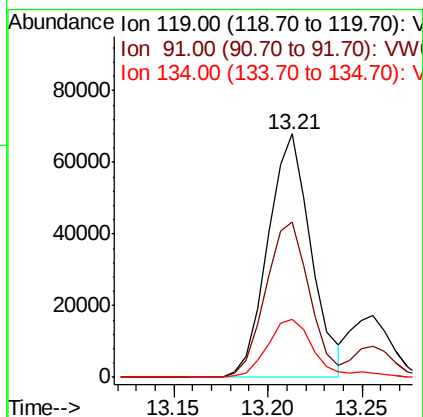
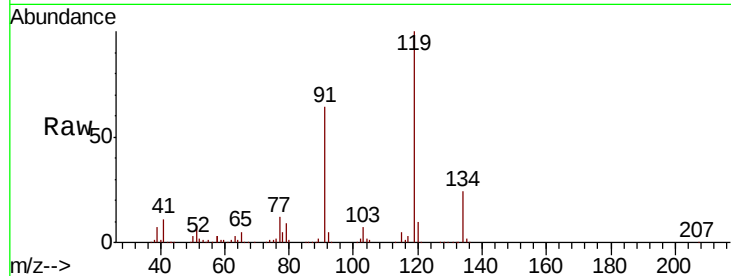




#83
 tert-Butylbenzene
 Concen: 20.462 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

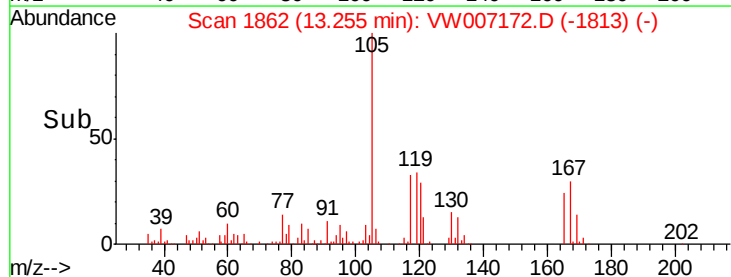
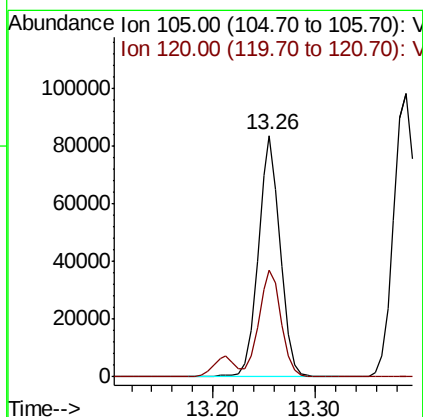
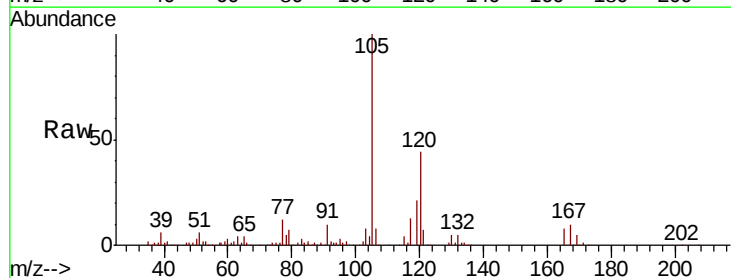
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

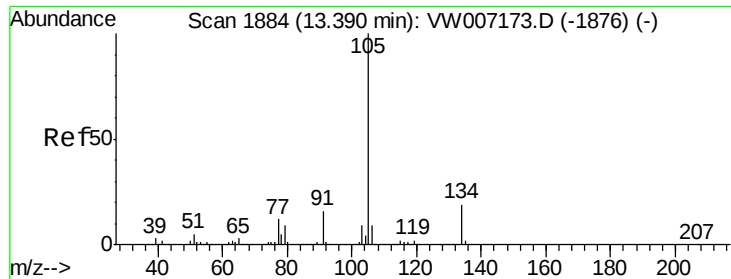
Tgt Ion:119 Resp: 107797
 Ion Ratio Lower Upper
 119 100
 91 65.1 33.3 99.8
 134 26.1 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.720 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion:105 Resp: 125563
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0

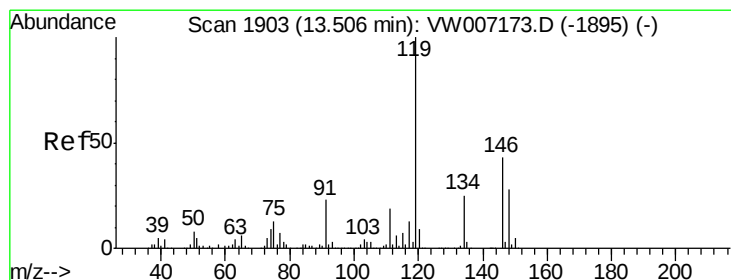
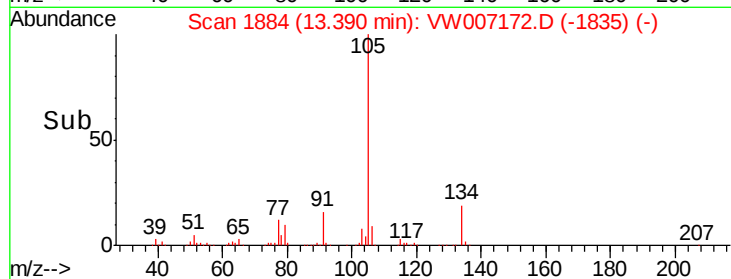
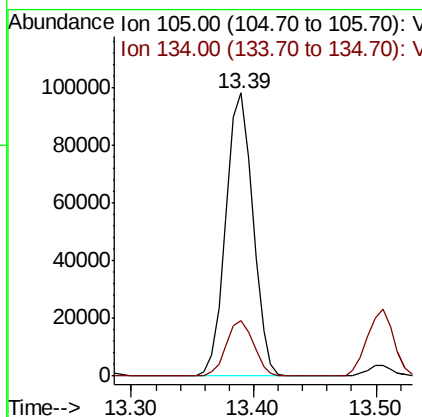
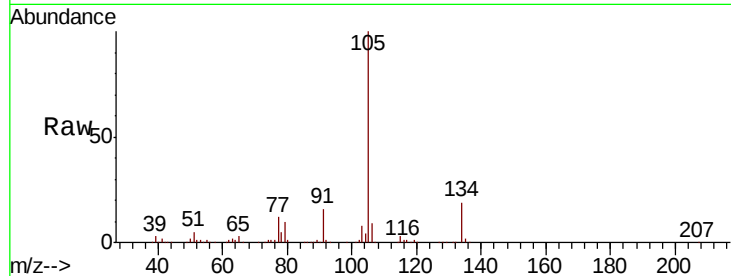




#85
 sec-Butylbenzene
 Concen: 20.421 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

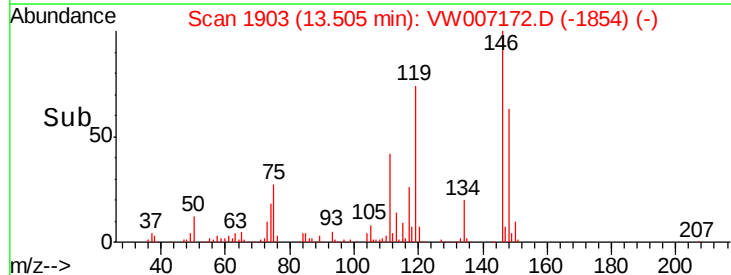
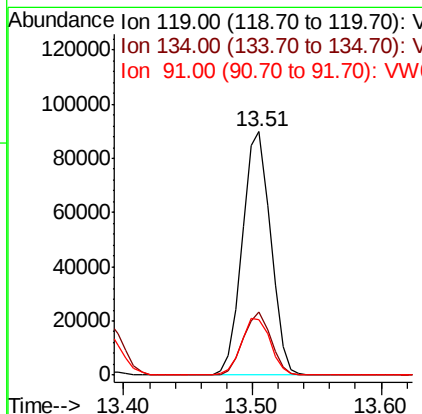
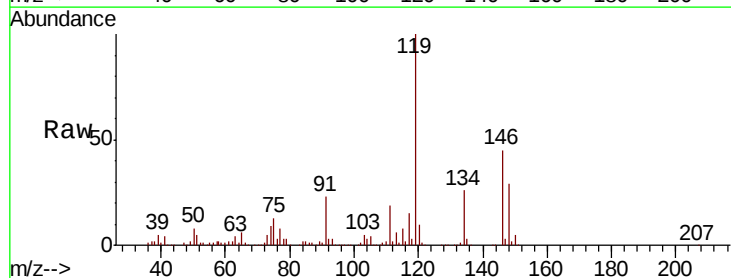
Instrument :
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 ClientSampleId :
 VSTDIC020

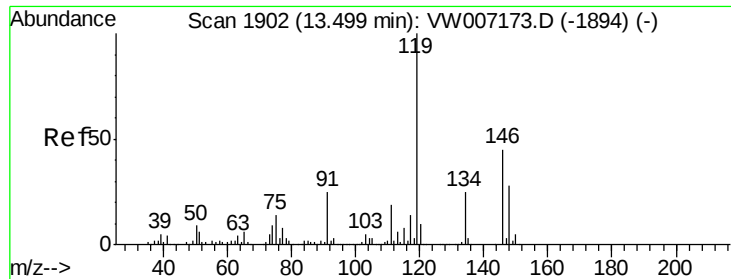
Tgt Ion:105 Resp: 151500
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.809 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion:119 Resp: 136364
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 24.0 11.9 35.7

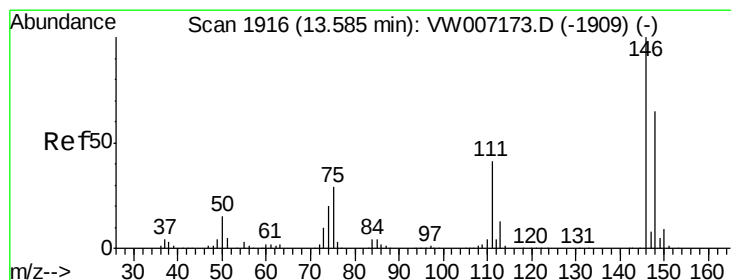
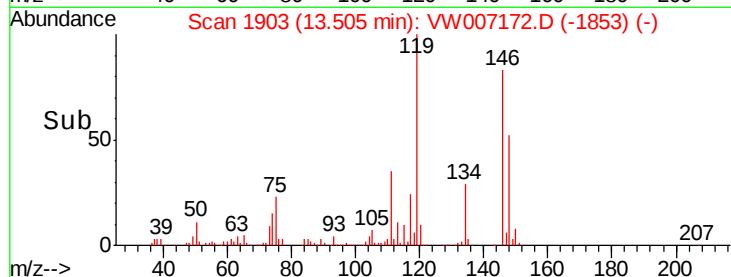
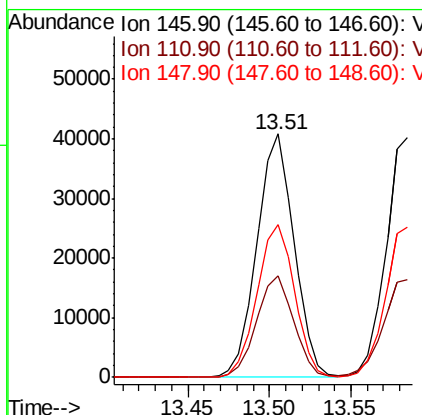
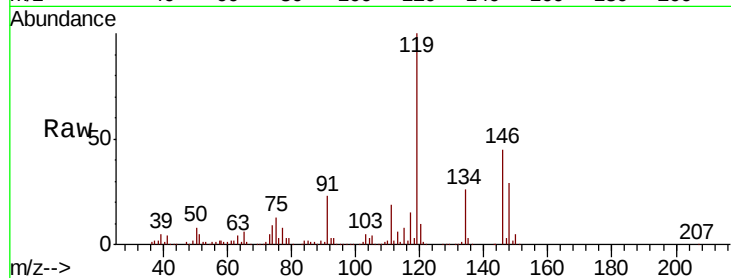




#87
 1,3-Dichlorobenzene
 Concen: 20.955 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

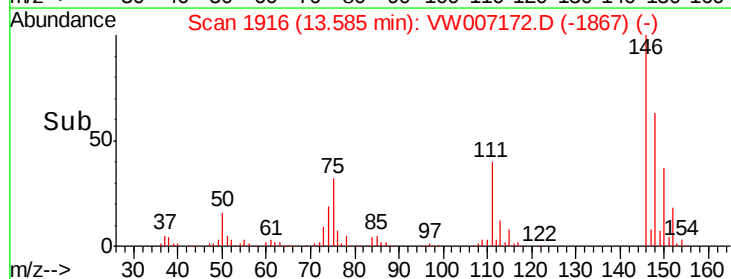
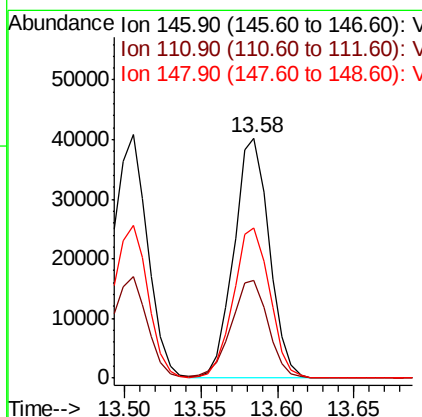
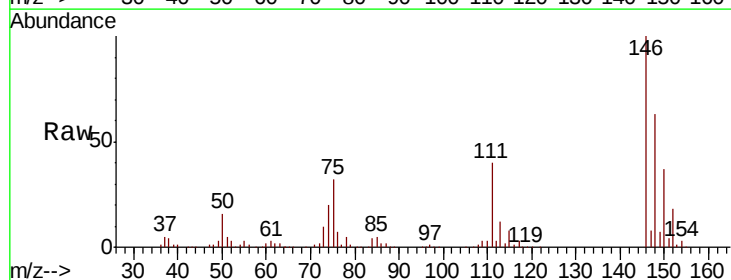
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

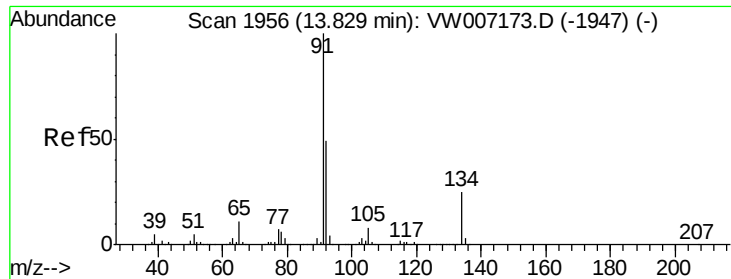
Tgt Ion:146 Resp: 64560
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.4 64.3
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion:146 Resp: 64636
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.9
 148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 20.765 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007172.D

Acq: 04 Dec 2018 00:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

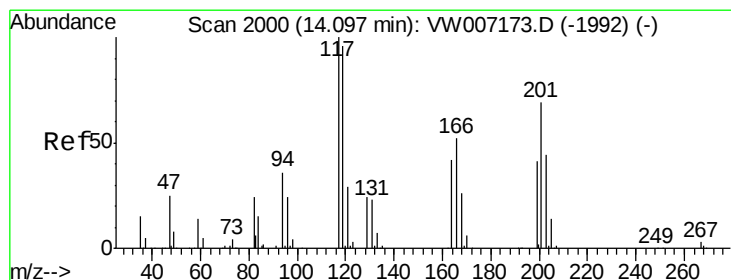
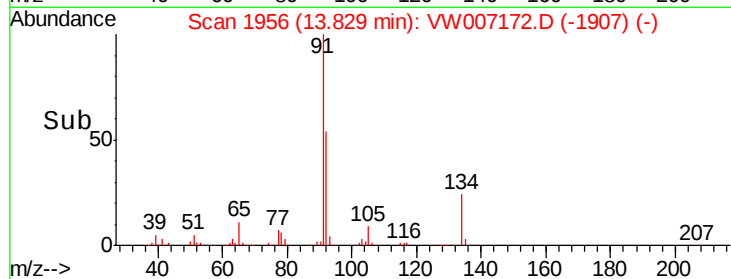
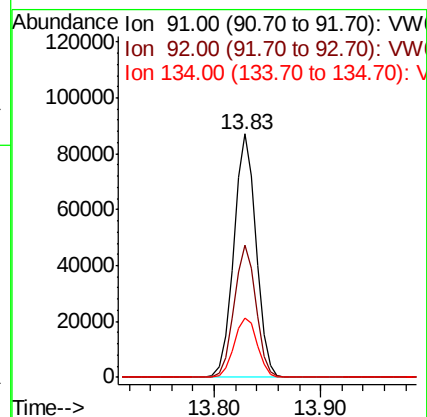
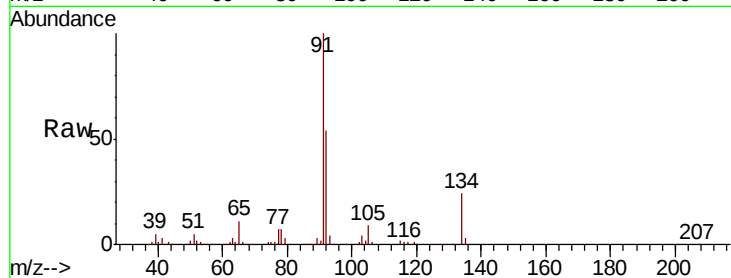
Tgt Ion: 91 Resp: 127824

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.4

134 25.6 13.1 39.1



#90

Hexachloroethane

Concen: 20.577 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007172.D

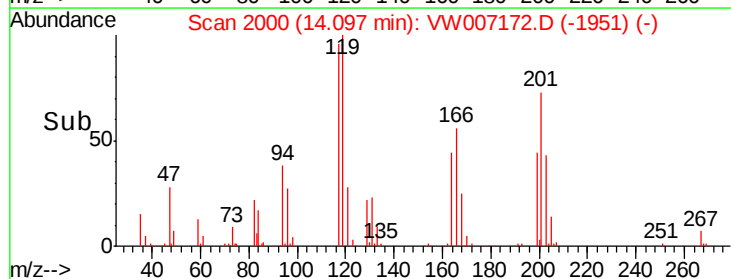
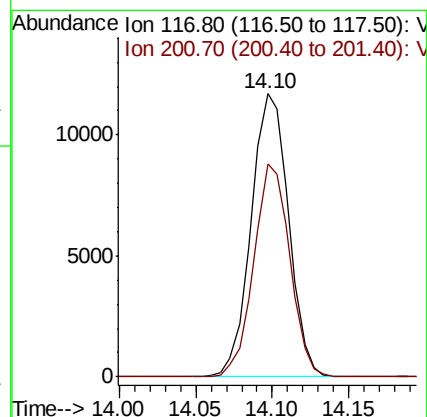
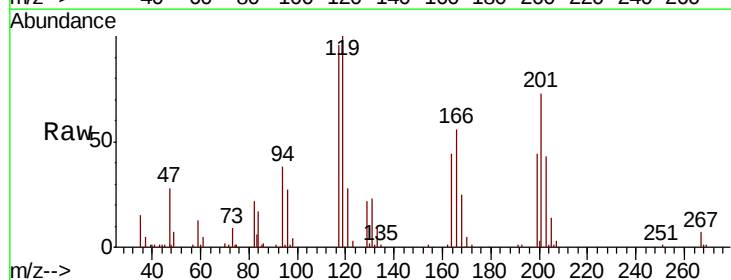
Acq: 04 Dec 2018 00:53

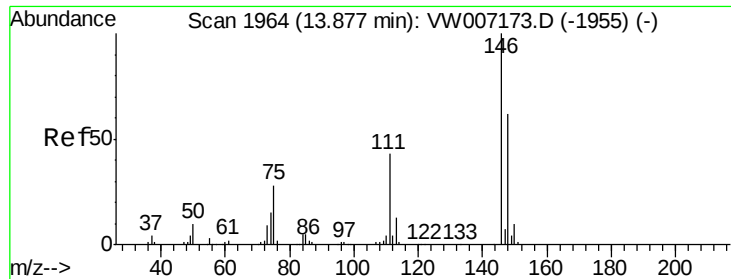
Tgt Ion: 117 Resp: 19933

Ion Ratio Lower Upper

117 100

201 72.5 36.5 109.5

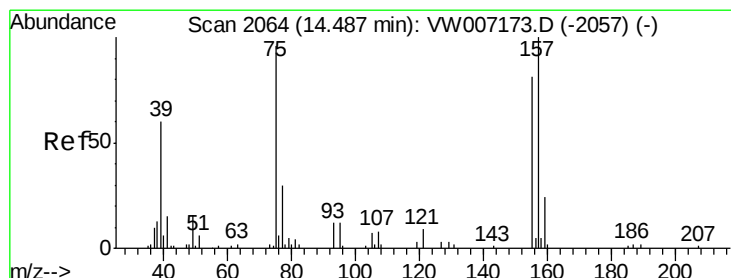
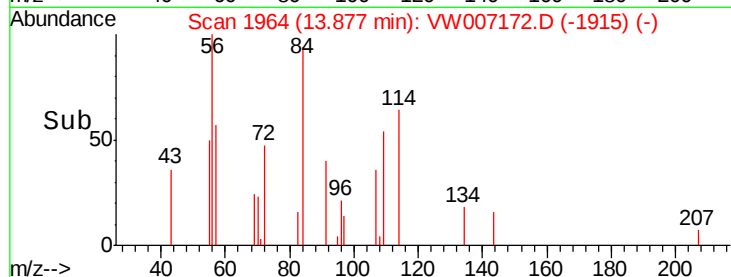
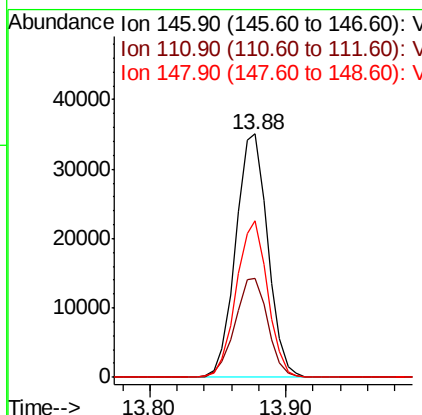
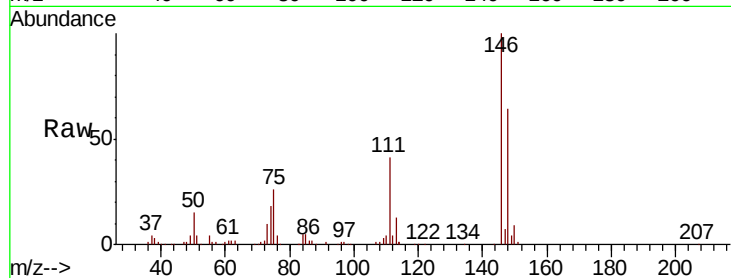




#91
 1,2-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

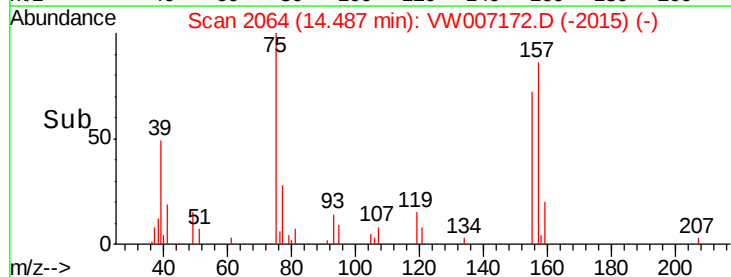
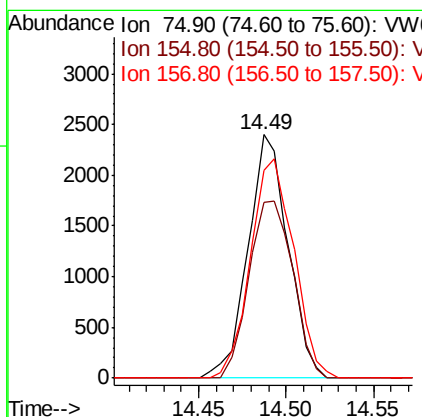
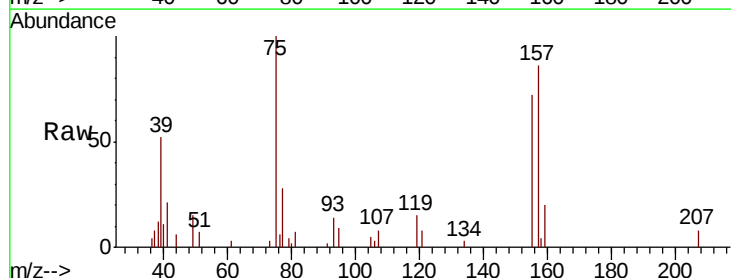
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

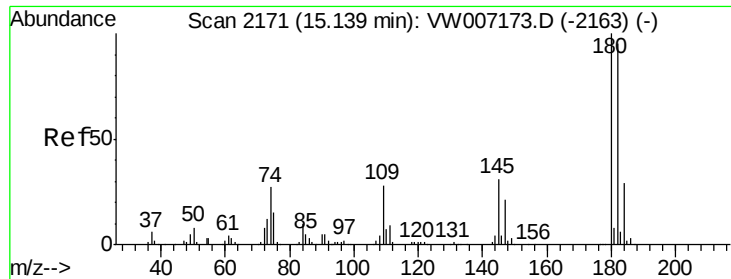
Tgt Ion:146 Resp: 57616
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.9 65.7
 148 62.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.540 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion: 75 Resp: 3835
 Ion Ratio Lower Upper
 75 100
 155 80.0 42.6 127.8
 157 97.5 53.6 160.8

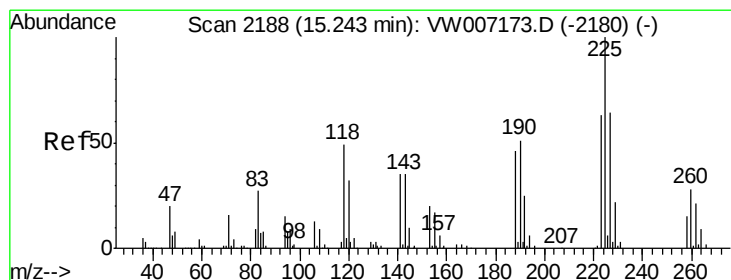
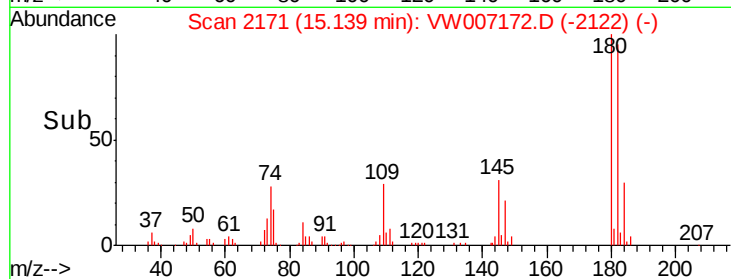
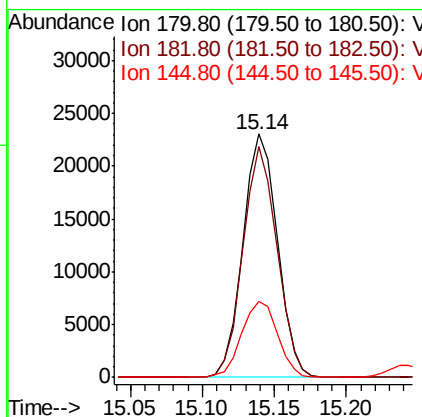
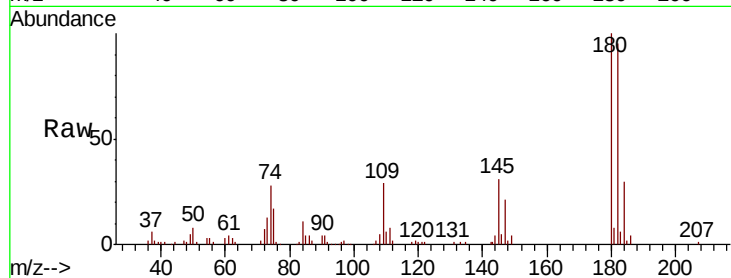




#93
 1,2,4-Trichlorobenzene
 Concen: 21.254 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

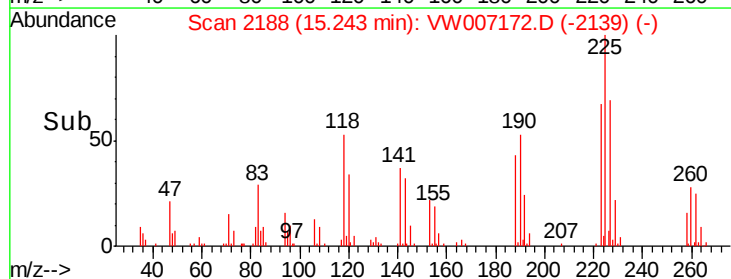
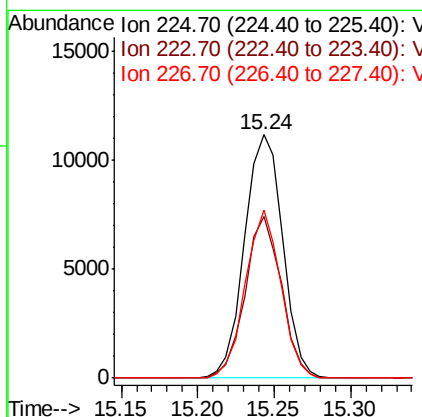
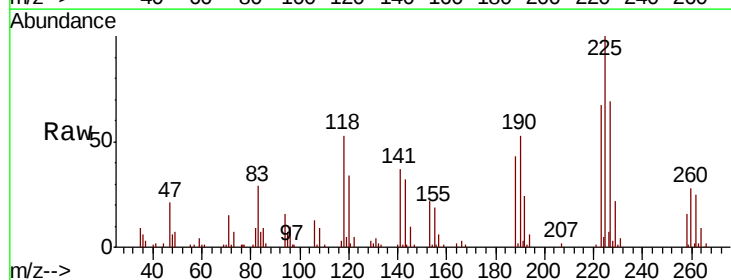
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

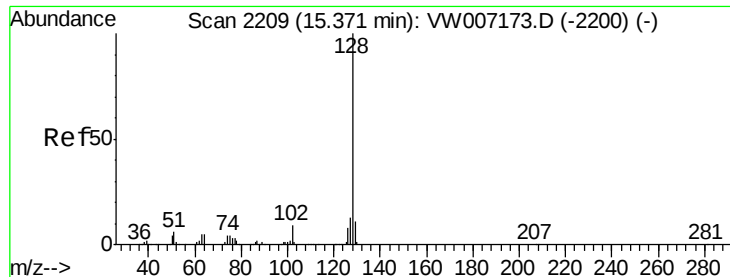
Tgt Ion:180 Resp: 38243
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.1 141.4
 145 32.5 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007172.D
 Acq: 04 Dec 2018 00:53

Tgt Ion:225 Resp: 19439
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.1 96.3
 227 64.0 32.3 96.8

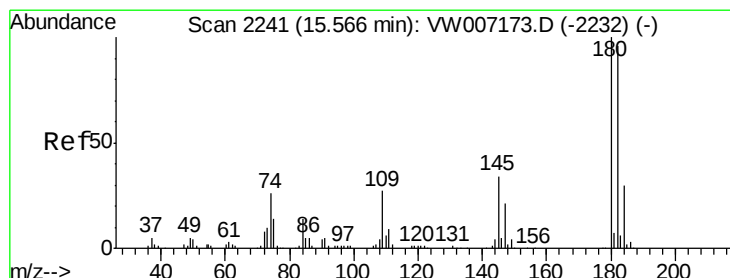
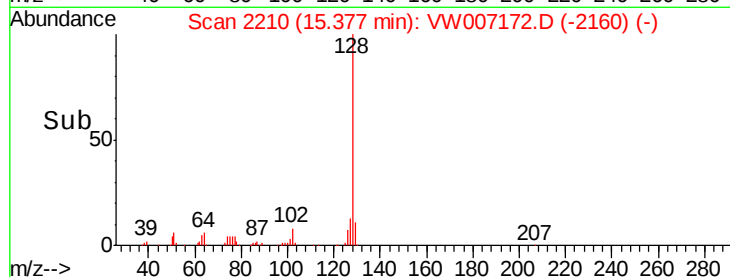
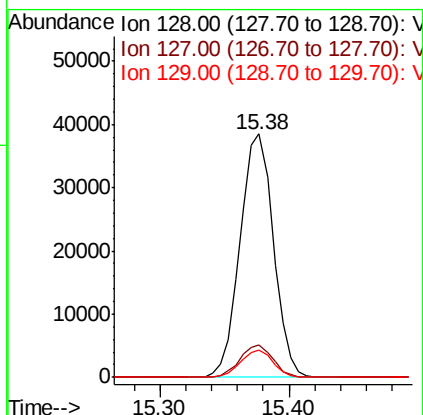
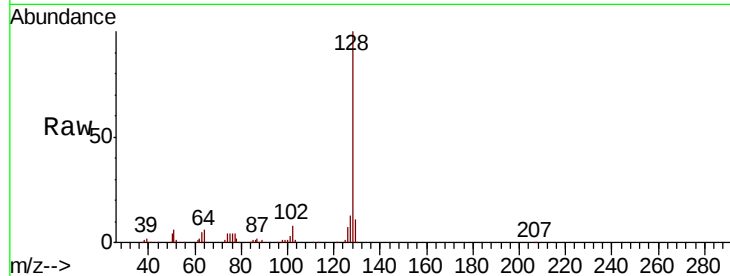




#95
Naphthalene
Concen: 21.061 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 69048
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.163 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007172.D
Acq: 04 Dec 2018 00:53

Tgt Ion:180 Resp: 31583
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.8
145 35.7 17.5 52.6

