

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007375.D
 Acq On : 11 Dec 2018 00:57
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 11 01:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	90979	107.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.32%	
35) Dibromofluoromethane	7.88	113	86264	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	10.32	98	328865	89.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.14%	
62) 4-Bromofluorobenzene	12.62	95	111309	80.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55409	61.712	ug/l	99
3) Chloromethane	2.22	50	50045	45.623	ug/l	99
4) Vinyl Chloride	2.37	62	59677	82.155	ug/l	98
5) Bromomethane	2.78	94	40248	105.852	ug/l	93
6) Chloroethane	2.93	64	33015	80.623	ug/l	97
7) Trichlorofluoromethane	3.26	101	56169	42.396	ug/l	96
8) Diethyl Ether	3.68	74	39848	95.714	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	85650	96.018	ug/l	98
10) Methyl Iodide	4.26	142	146063	165.612	ug/l	99
11) Tert butyl alcohol	5.17	59	31297	336.015	ug/l	97
12) 1,1-Dichloroethene	4.03	96	84012	99.873	ug/l	96
13) Acrolein	3.89	56	18431	337.492	ug/l	98
14) Allyl chloride	4.66	41	125103	94.335	ug/l	98
15) Acrylonitrile	5.37	53	85240	497.274	ug/l	98
16) Acetone	4.12	43	77938	423.136	ug/l	95
17) Carbon Disulfide	4.37	76	256835	94.597	ug/l	99
18) Methyl Acetate	4.67	43	41643	94.222	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	124799	67.513	ug/l	98
20) Methylene Chloride	4.91	84	87613	77.025	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	93917	100.007	ug/l	99
22) Diisopropyl ether	6.31	45	237434	98.976	ug/l	96
23) Vinyl Acetate	6.26	43	683110	519.528	ug/l	98
24) 1,1-Dichloroethane	6.21	63	158327	101.538	ug/l	99
25) 2-Butanone	7.17	43	106090	479.818	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101945	72.007	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102434	101.184	ug/l	98
28) Bromochloromethane	7.51	49	57084	100.028	ug/l #	99
29) Tetrahydrofuran	7.53	42	68138	493.177	ug/l	99
30) Chloroform	7.67	83	172736	105.553	ug/l	100
31) Cyclohexane	7.95	56	137970	86.941	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	154256	101.995	ug/l	100
36) 1,1-Dichloropropene	8.08	75	131509	92.734	ug/l	99
37) Ethyl Acetate	7.25	43	47961	93.443	ug/l	98
38) Carbon Tetrachloride	8.07	117	147601	100.347	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	163151	86.889	ug/l	93
40) Benzene	8.32	78	368093	93.971	ug/l	100
41) Methacrylonitrile	7.48	41	29076	94.947	ug/l	98
42) 1,2-Dichloroethane	8.40	62	114811	102.416	ug/l	99
43) Isopropyl Acetate	8.43	43	97154	96.632	ug/l	99
44) Trichloroethene	9.09	130	105228	95.933	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85562	93.769	ug/l	99
46) Dibromomethane	9.46	93	48696	101.226	ug/l	96
47) Bromodichloromethane	9.65	83	128889	101.761	ug/l	94
48) Methyl methacrylate	9.44	41	48131	93.120	ug/l	95
49) 1,4-Dioxane	9.45	88	16445	1988.040	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	236134	482.687	ug/l	98
52) Toluene	10.39	92	236567	87.645	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	125352	99.792	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	147373	100.326	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	64747	95.398	ug/l	96
56) Ethyl methacrylate	10.65	69	78458	90.275	ug/l	98
57) 1,3-Dichloropropane	10.93	76	108687	95.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	193110	529.061	ug/l	100
59) 2-Hexanone	10.97	43	148325	425.696	ug/l	96
60) Dibromochloromethane	11.13	129	81057	96.622	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65638	101.504	ug/l	91
64) Tetrachloroethene	10.87	164	86814	101.909	ug/l	92
65) Chlorobenzene	11.66	112	257220	99.157	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	88157	107.652	ug/l	98
67) Ethyl Benzene	11.73	91	433372	91.848	ug/l	91
68) m/p-Xylenes	11.84	106	334516	181.839	ug/l	96
69) o-Xylene	12.17	106	157774	91.044	ug/l	92
70) Styrene	12.18	104	262445	93.237	ug/l	98
71) Bromoform	12.35	173	45705	111.788	ug/l #	98
73) Isopropylbenzene	12.47	105	466986	102.169	ug/l	99
74) N-amyl acetate	12.28	43	87658	108.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	63942	104.324	ug/l	90
76) 1,2,3-Trichloropropane	12.77	75	95202	204.361	ug/l	35
77) Bromobenzene	12.74	156	101345	100.993	ug/l	94
78) n-propylbenzene	12.81	91	498340	90.783	ug/l	95
79) 2-Chlorotoluene	12.90	91	317388	101.914	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	367986	94.024	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	21393	105.567	ug/l	98
82) 4-Chlorotoluene	12.99	91	325706	98.285	ug/l	99
83) tert-Butylbenzene	13.21	119	330292	95.597	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	379358	94.721	ug/l	99
85) sec-Butylbenzene	13.39	105	473933	97.313	ug/l	93
86) p-Isopropyltoluene	13.51	119	404998	92.467	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	187065	91.192	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	200766	97.869	ug/l	95
89) n-Butylbenzene	13.83	91	385317	94.687	ug/l	99
90) Hexachloroethane	14.10	117	76457	113.341	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	169566	96.215	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12952	109.171	ug/l	97

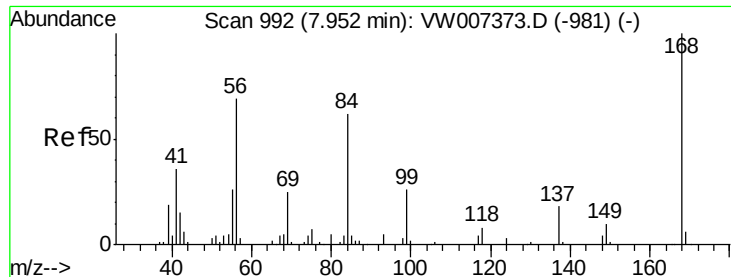
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	123896	101.422	ug/l	95
94) Hexachlorobutadiene	15.24	225	65182	98.734	ug/l	98
95) Naphthalene	15.38	128	237560	106.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	105678	101.041	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

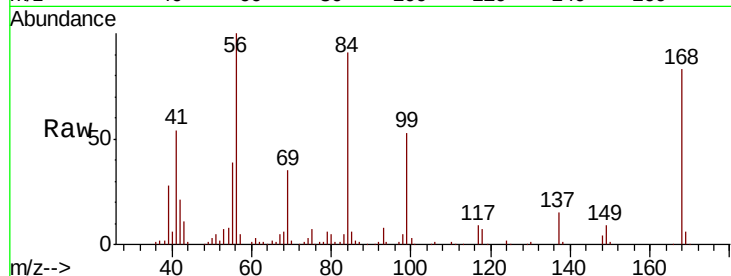
VSTDIC100

Tgt Ion: 168 Resp: 87175

Ion Ratio Lower Upper

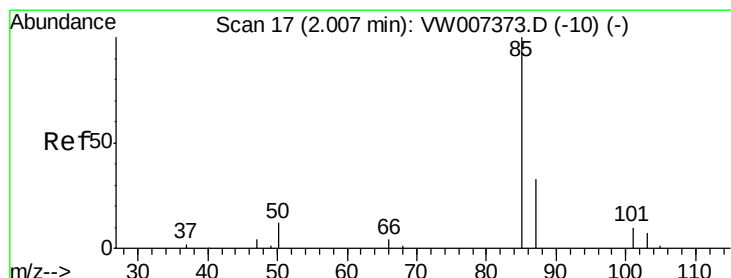
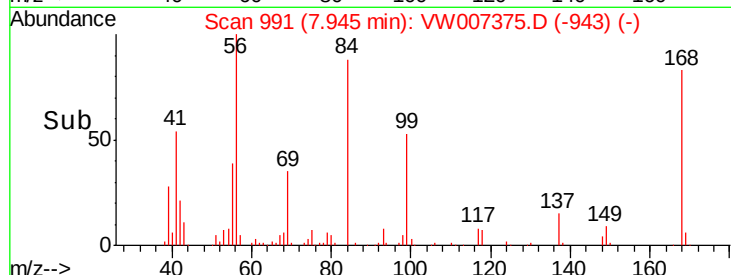
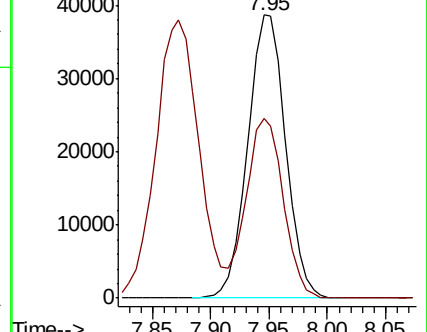
168 100

99 63.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 61.712 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007375.D

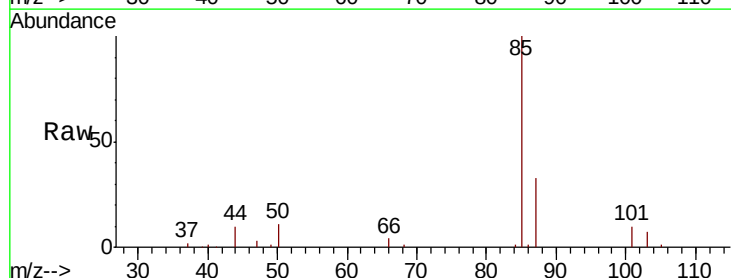
Acq: 11 Dec 2018 00:57

Tgt Ion: 85 Resp: 55409

Ion Ratio Lower Upper

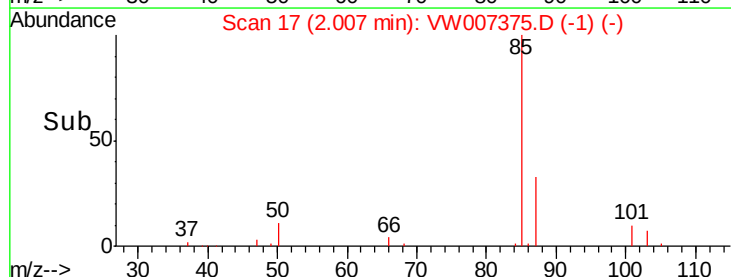
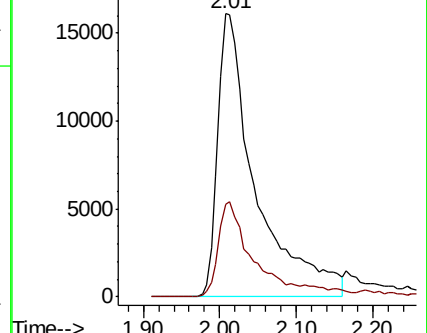
85 100

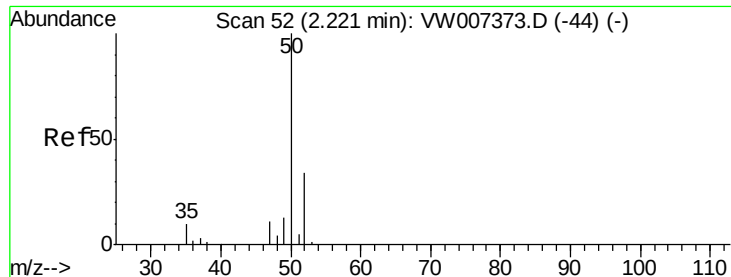
87 32.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.623 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

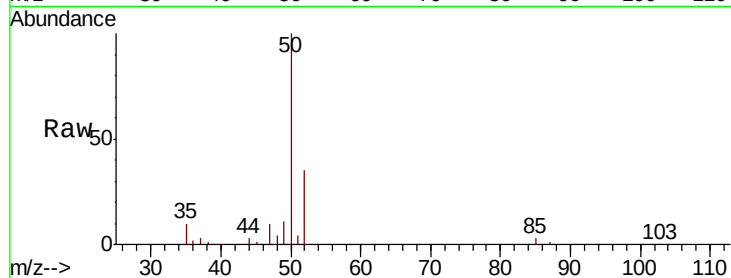
VSTDIC100

Tgt Ion: 50 Resp: 50045

Ion Ratio Lower Upper

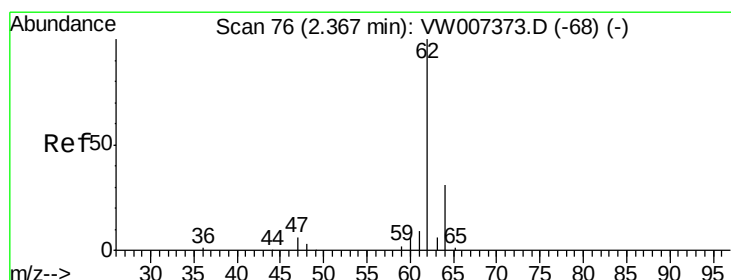
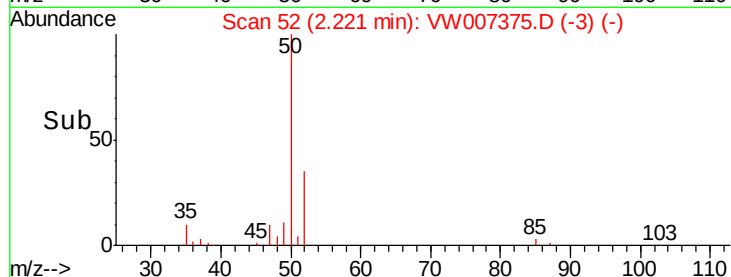
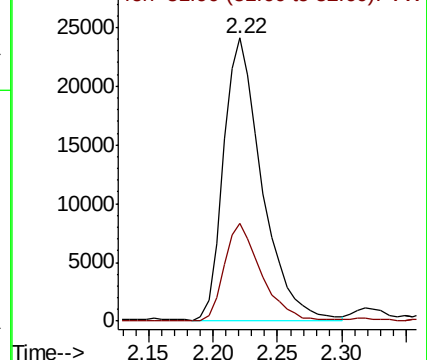
50 100

52 34.9 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 82.155 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007375.D

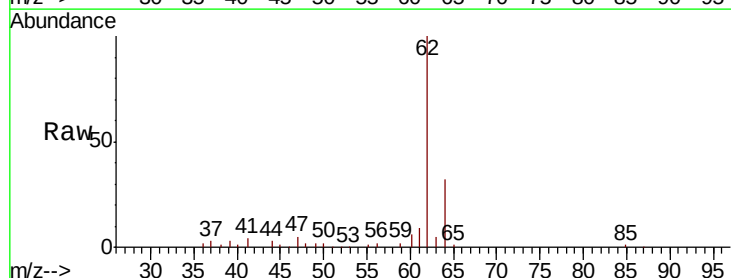
Acq: 11 Dec 2018 00:57

Tgt Ion: 62 Resp: 59677

Ion Ratio Lower Upper

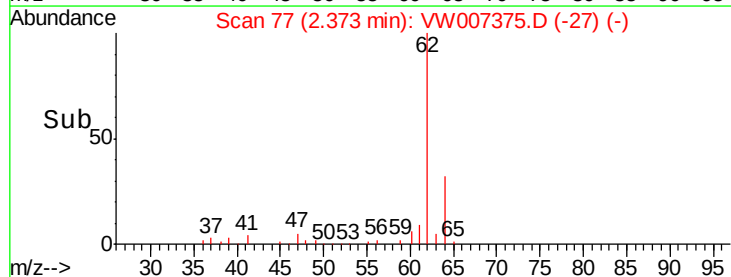
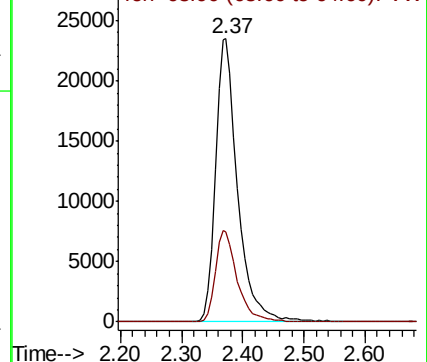
62 100

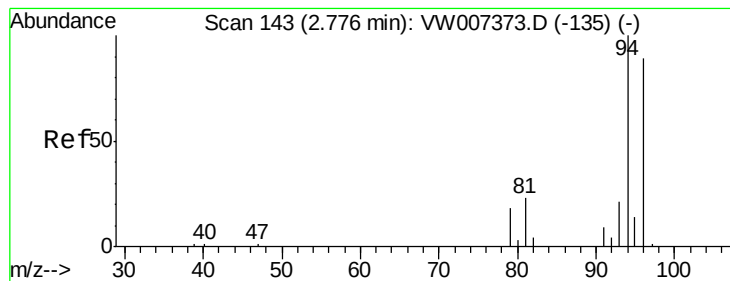
64 31.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 105.852 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

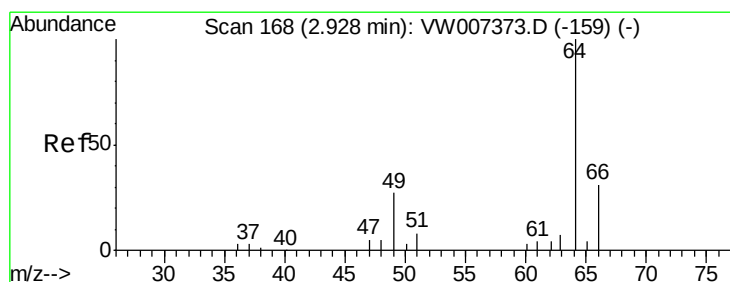
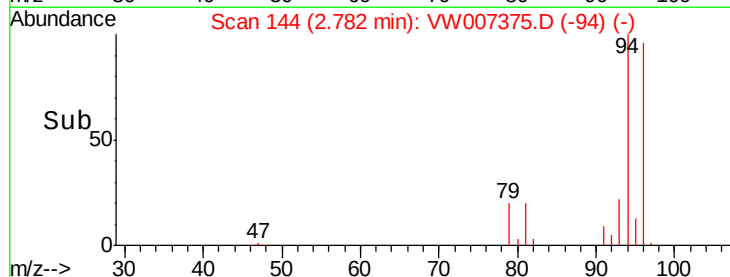
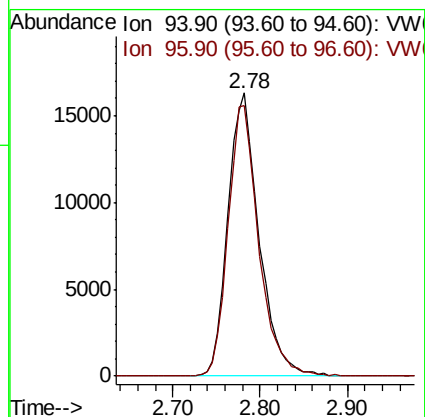
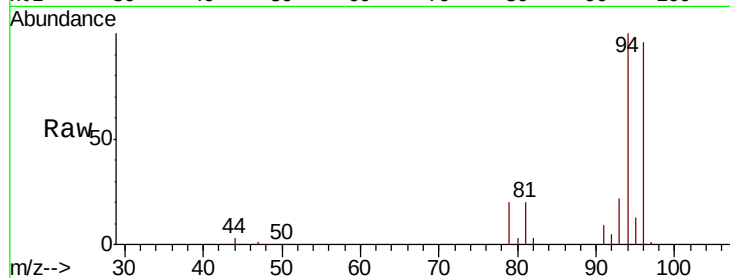
VSTDIC100

Tgt Ion: 94 Resp: 40248

Ion Ratio Lower Upper

94 100

96 95.5 71.0 106.4



#6

Chloroethane

Concen: 80.623 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007375.D

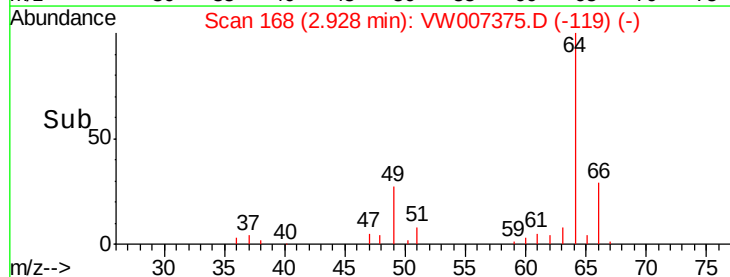
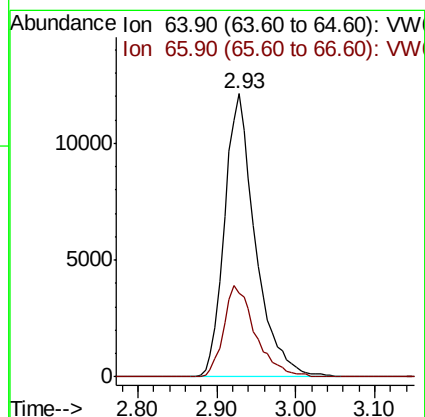
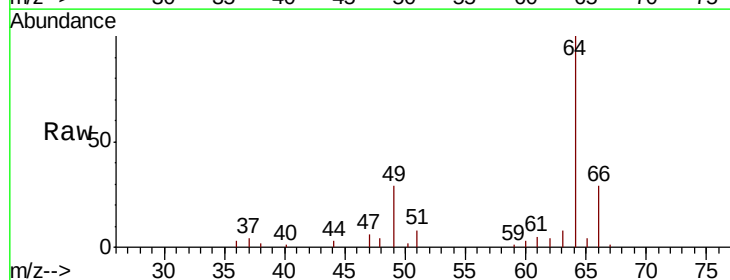
Acq: 11 Dec 2018 00:57

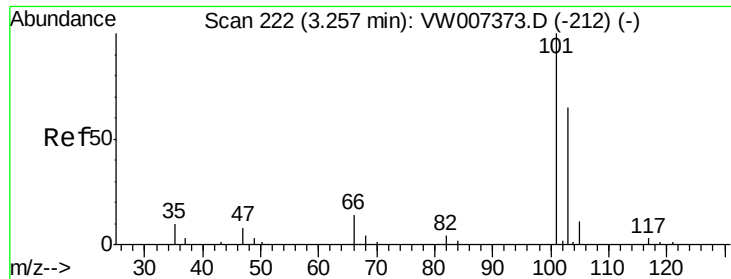
Tgt Ion: 64 Resp: 33015

Ion Ratio Lower Upper

64 100

66 29.4 24.6 37.0



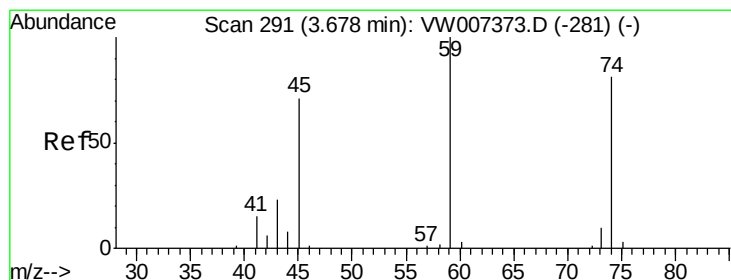
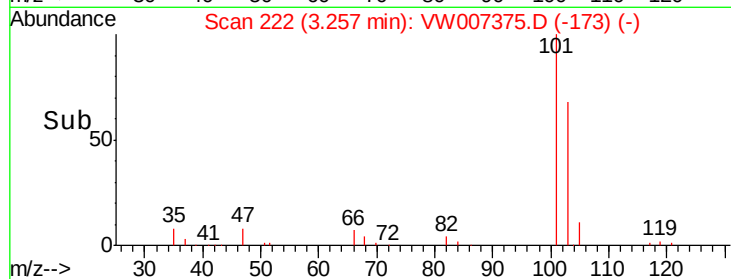
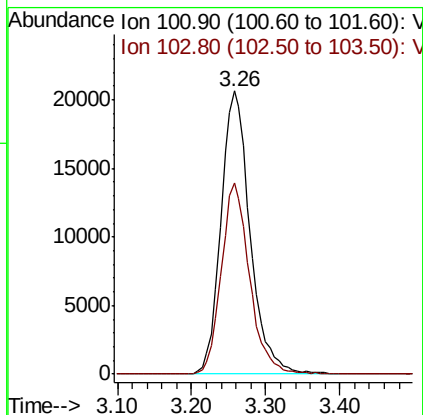
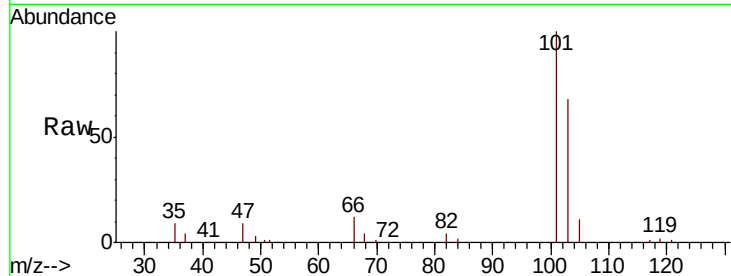


#7

Trichlorofluoromethane
 Concen: 42.396 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

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 VSTDIC100

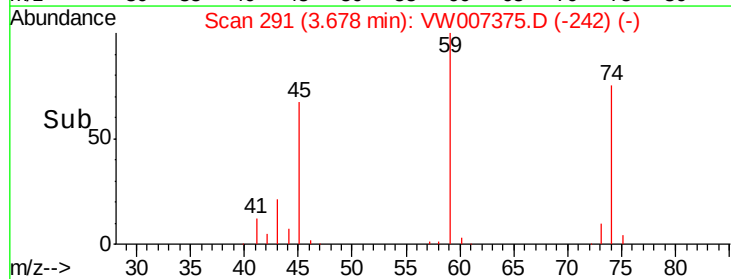
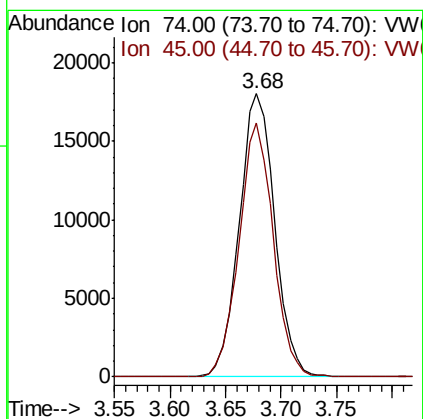
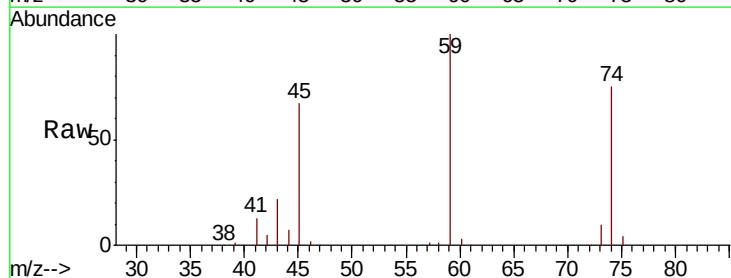
Tgt Ion: 101 Resp: 56169
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.7 77.5

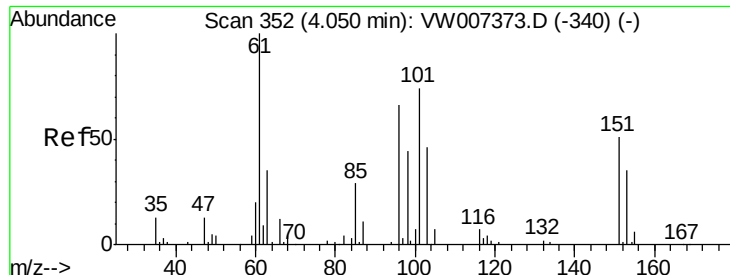


#8

Diethyl Ether
 Concen: 95.714 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 74 Resp: 39848
 Ion Ratio Lower Upper
 74 100
 45 86.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.018 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

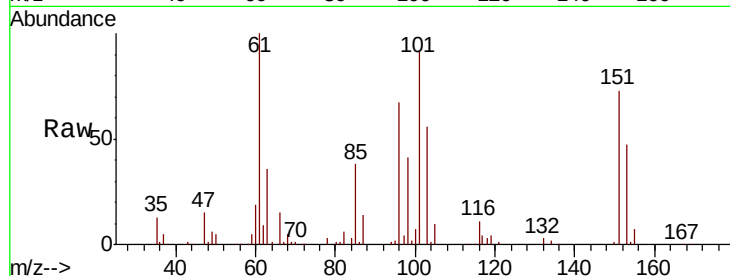
Tgt Ion:101 Resp: 85650

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

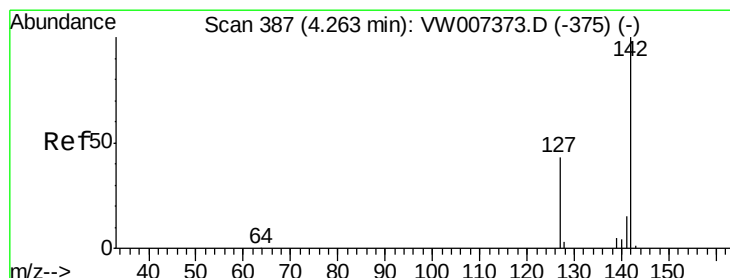
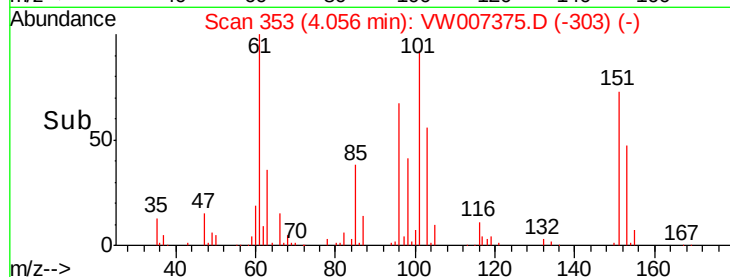
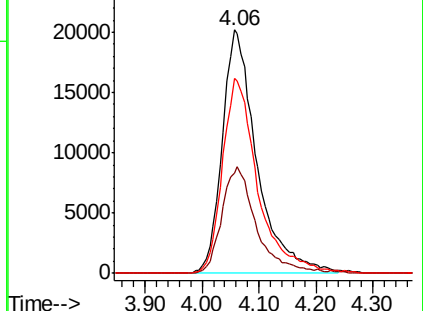
151 81.7 63.7 95.5



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: 165.612 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

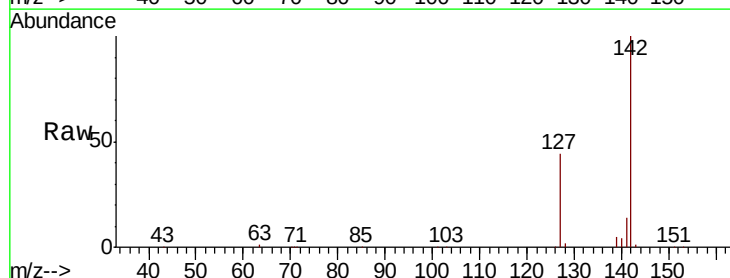
Tgt Ion:142 Resp: 146063

Ion Ratio Lower Upper

142 100

127 45.5 35.8 53.6

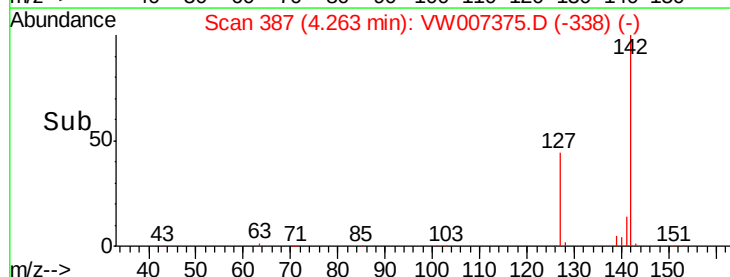
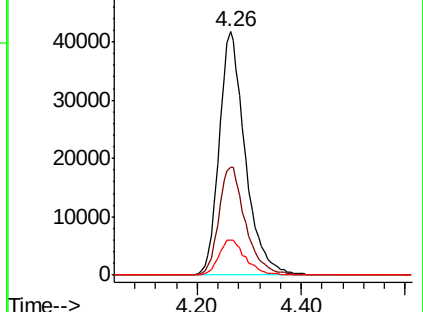
141 14.9 11.1 16.7

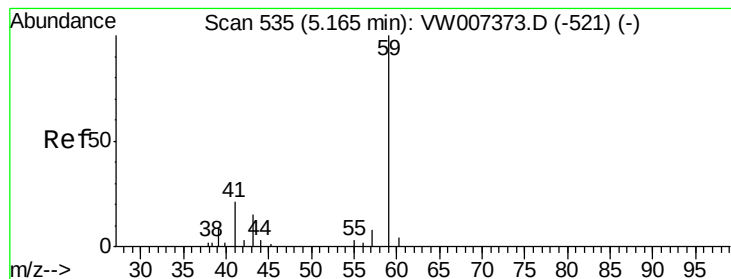


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



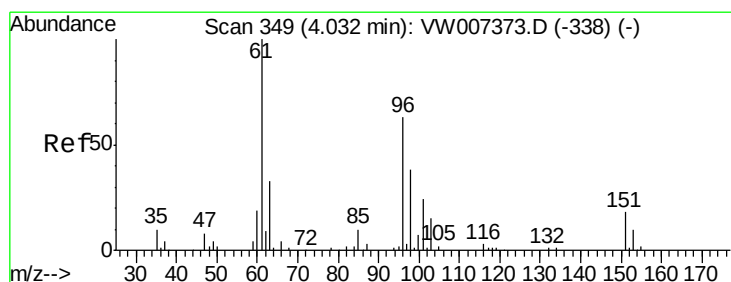
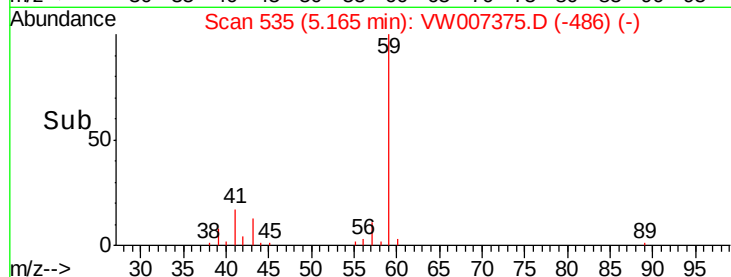
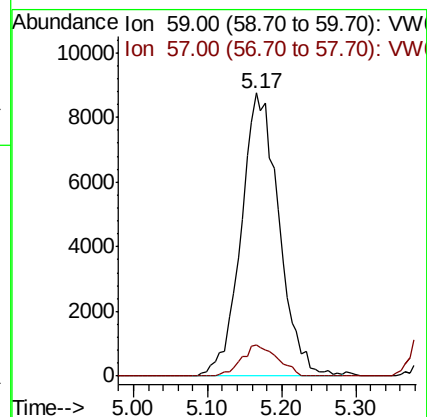
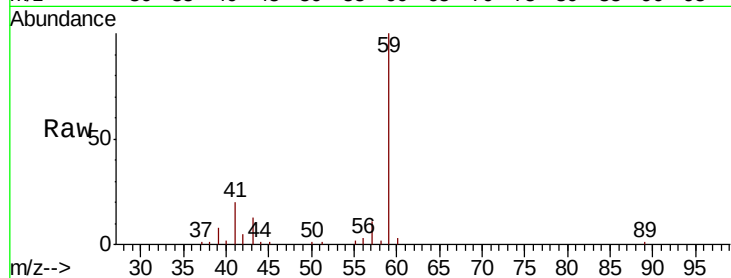


#11

Tert butyl alcohol
 Concen: 336.015 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

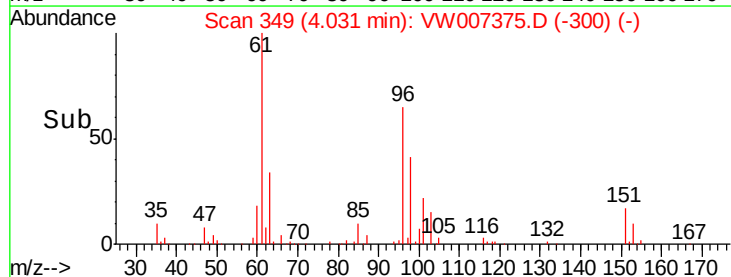
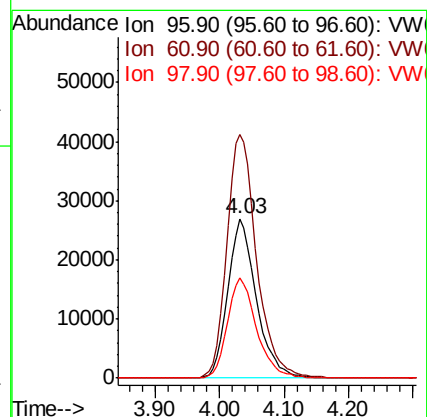
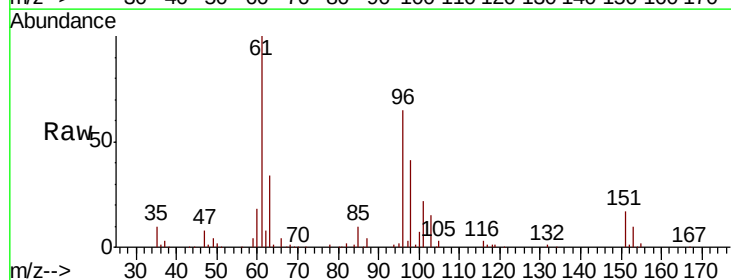
Tgt Ion: 59 Resp: 31297
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

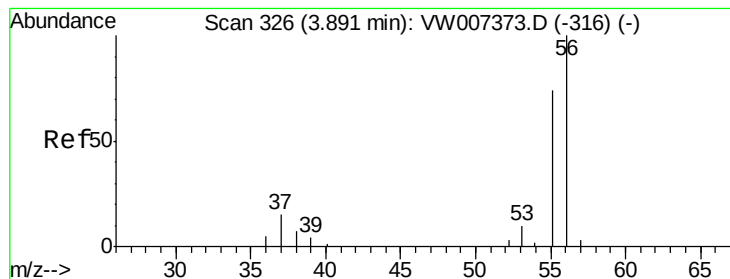


#12

1,1-Dichloroethene
 Concen: 99.873 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 96 Resp: 84012
 Ion Ratio Lower Upper
 96 100
 61 153.0 126.2 189.2
 98 62.9 48.3 72.5





#13

Acrolein

Concen: 337.492 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

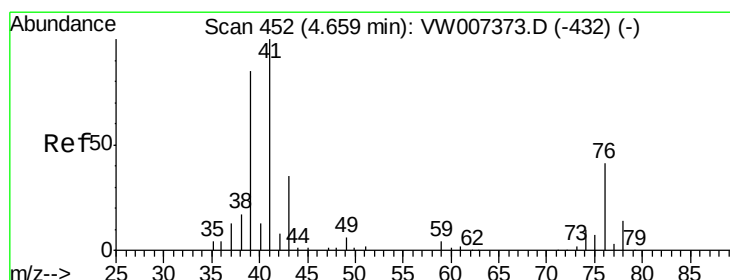
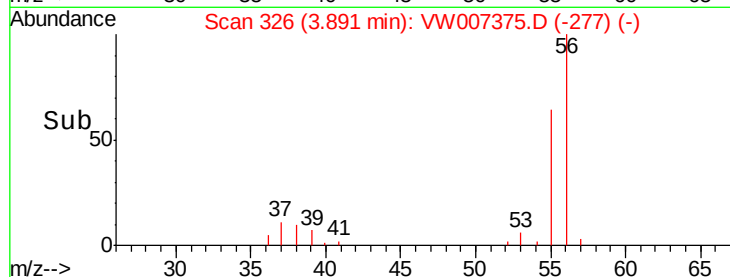
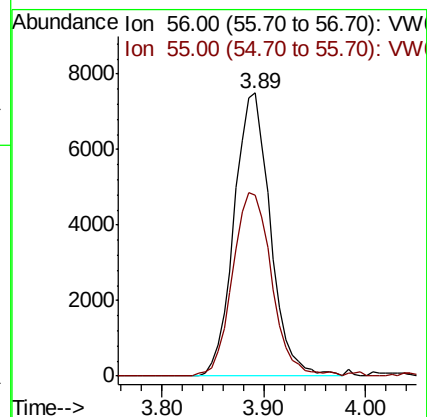
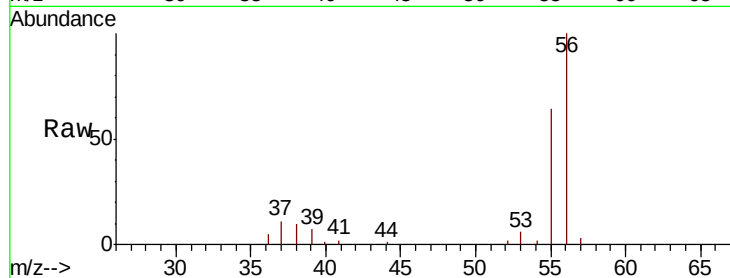
VSTDIC100

Tgt Ion: 56 Resp: 18431

Ion Ratio Lower Upper

56 100

55 70.2 57.4 86.2



#14

Allyl chloride

Concen: 94.335 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

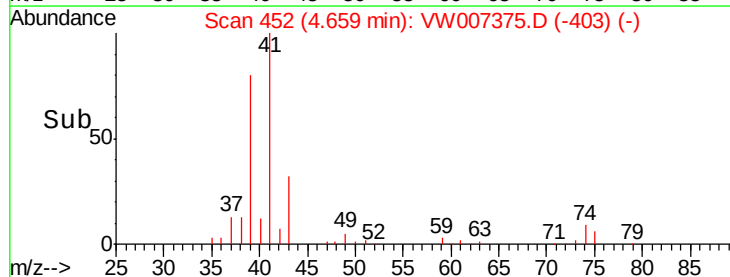
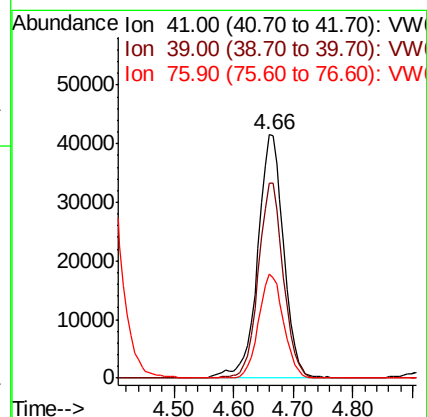
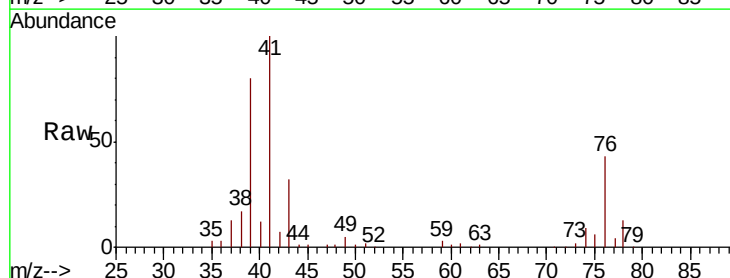
Tgt Ion: 41 Resp: 125103

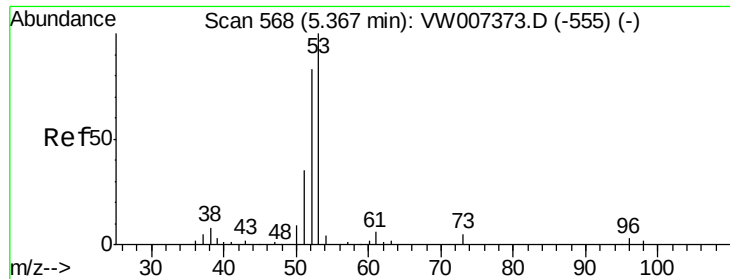
Ion Ratio Lower Upper

41 100

39 77.3 63.4 95.2

76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 497.274 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

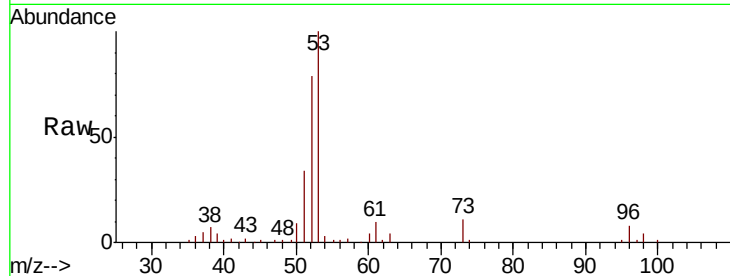
Tgt Ion: 53 Resp: 85240

Ion Ratio Lower Upper

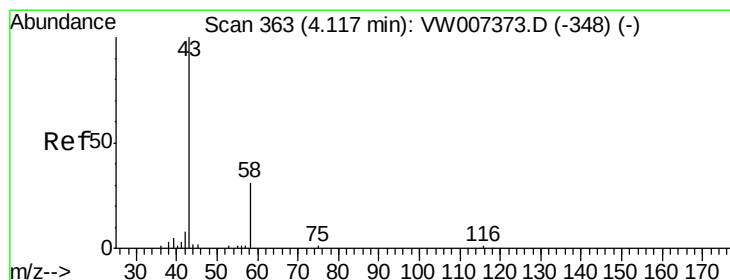
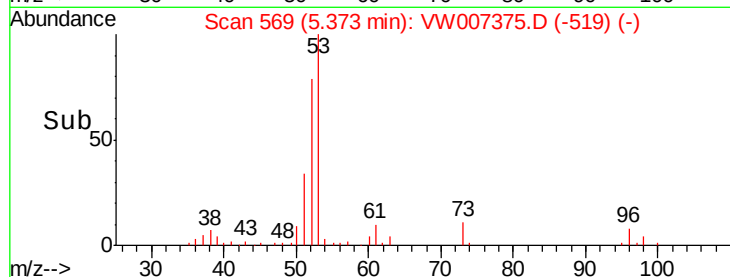
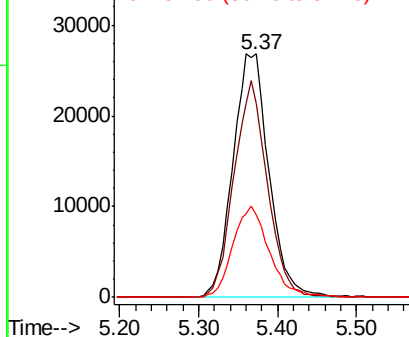
53 100

52 82.1 67.4 101.2

51 37.8 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 423.136 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007375.D

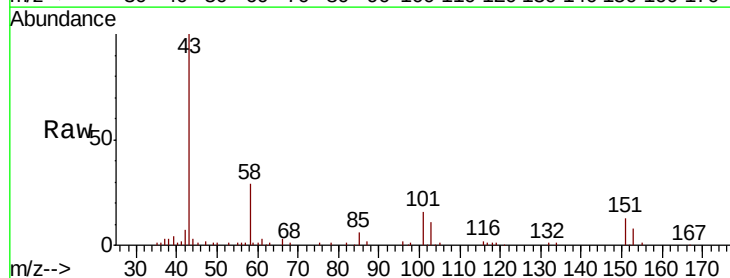
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 77938

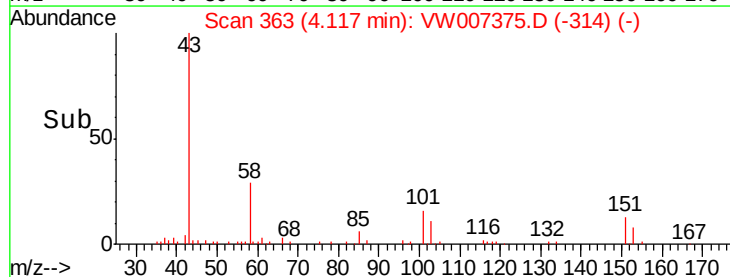
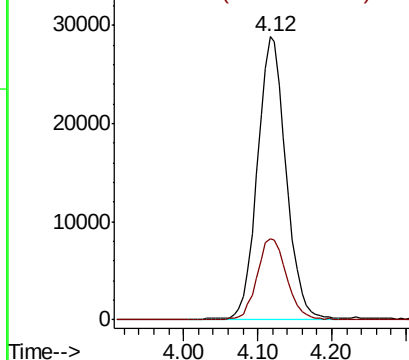
Ion Ratio Lower Upper

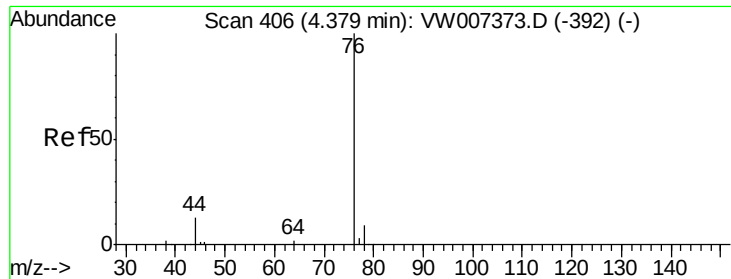
43 100

58 28.6 24.9 37.3



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

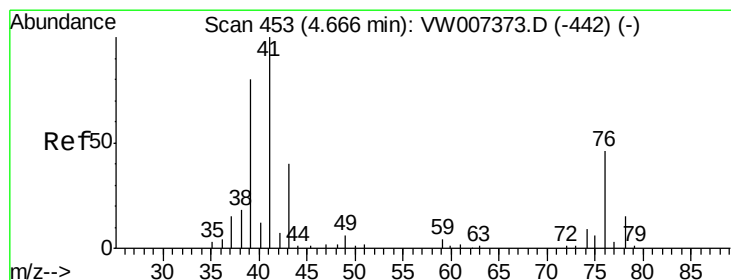
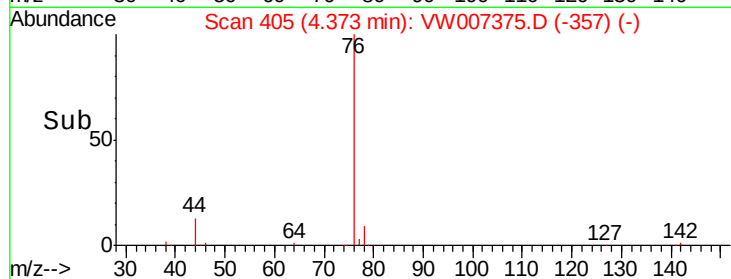
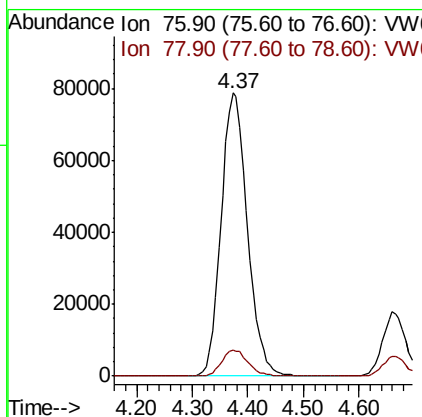
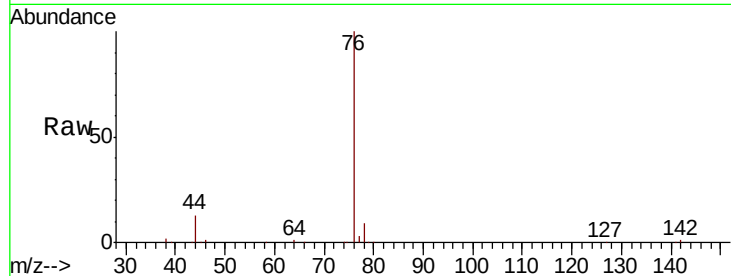




#17
Carbon Disulfide
Concen: 94.597 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

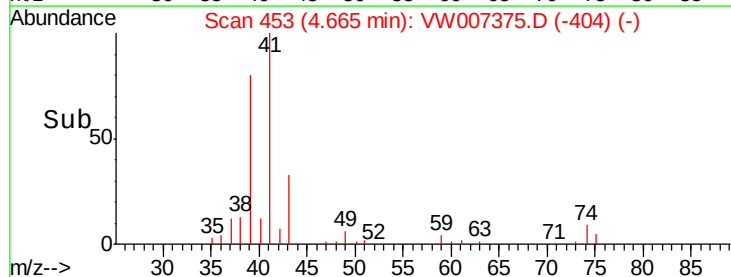
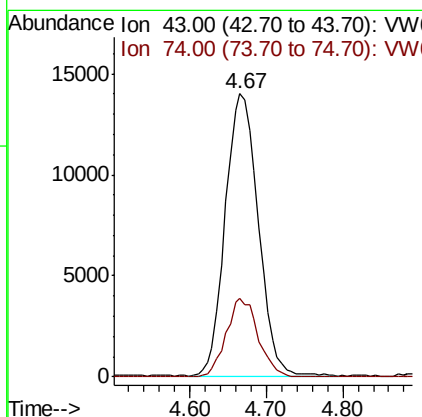
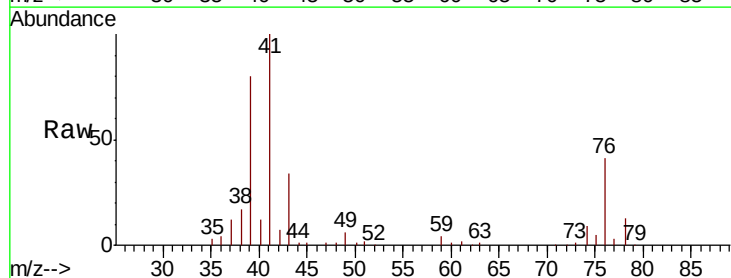
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

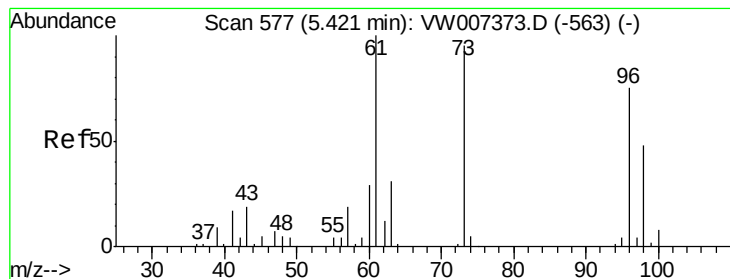
Tgt Ion: 76 Resp: 256835
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 94.222 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 41643
Ion Ratio Lower Upper
43 100
74 26.9 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 67.513 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

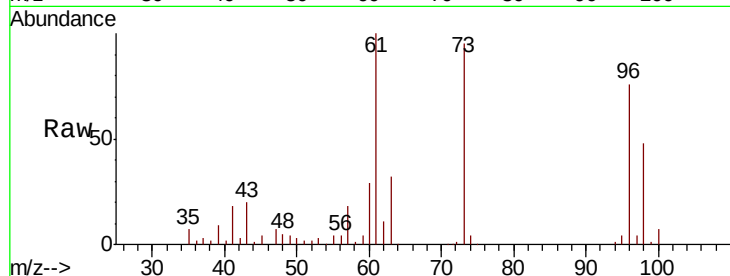
VSTDIC100

Tgt Ion: 73 Resp: 124799

Ion Ratio Lower Upper

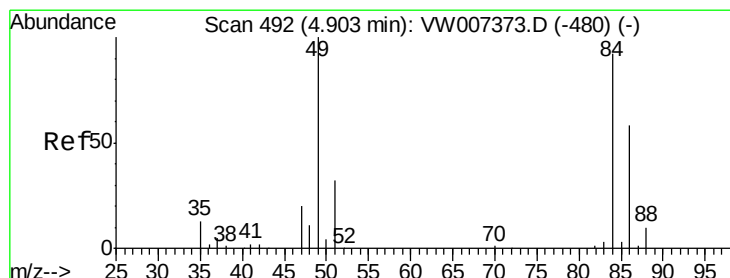
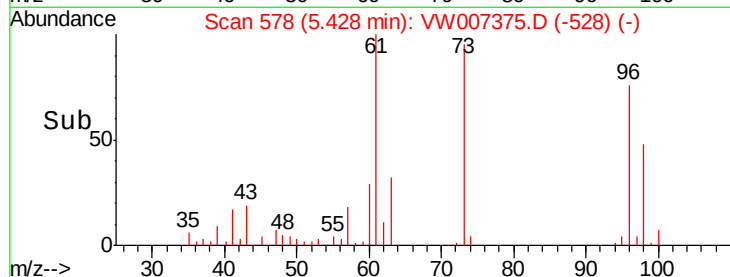
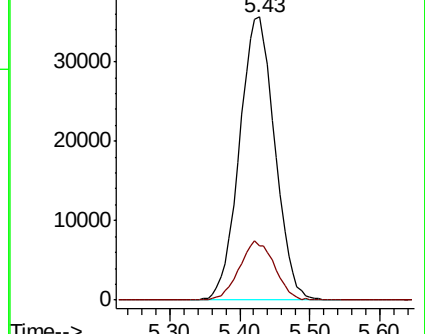
73 100

57 19.4 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 77.025 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 84 Resp: 87613

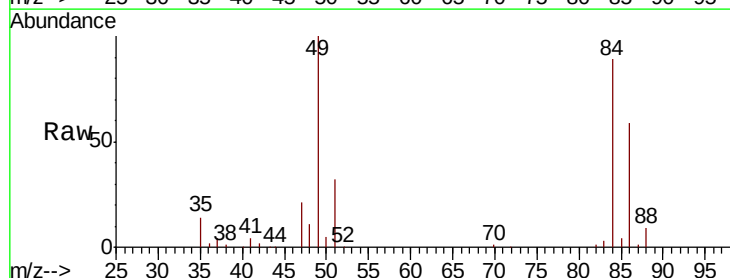
Ion Ratio Lower Upper

84 100

49 111.9 87.1 130.7

51 35.7 28.2 42.2

86 65.5 50.8 76.2

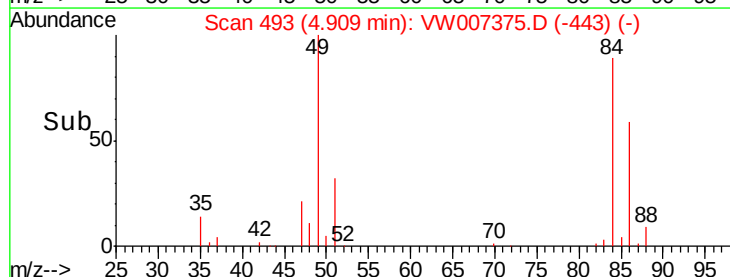
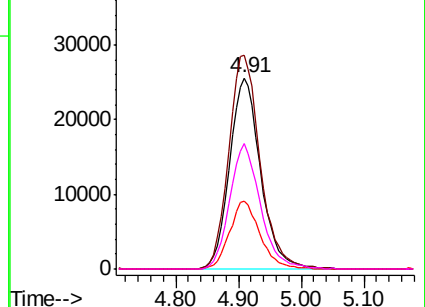


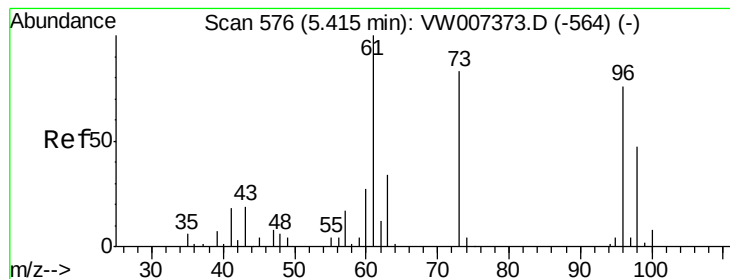
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 100.007 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

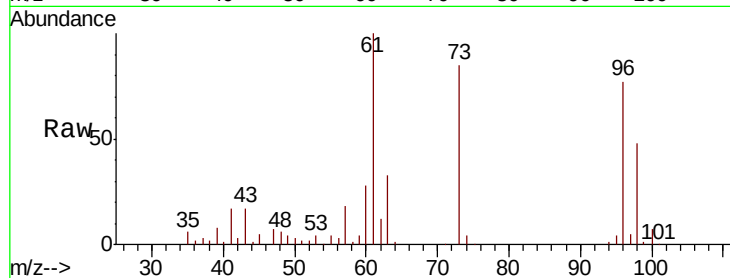
Tgt Ion: 96 Resp: 93917

Ion Ratio Lower Upper

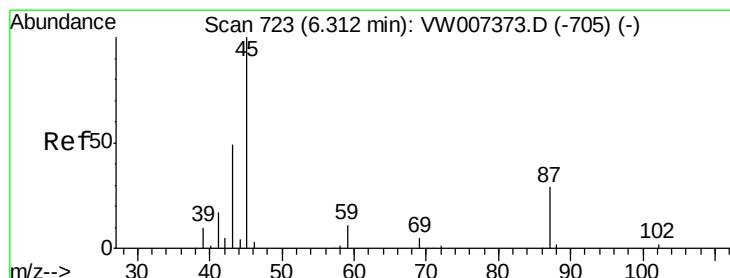
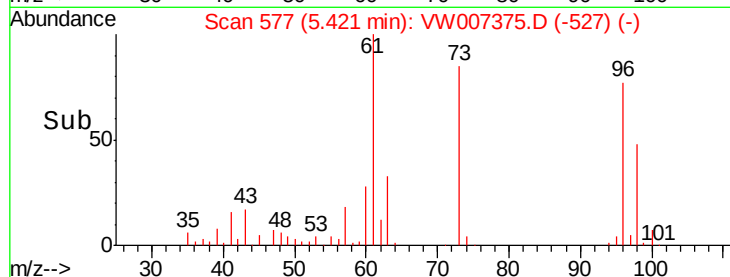
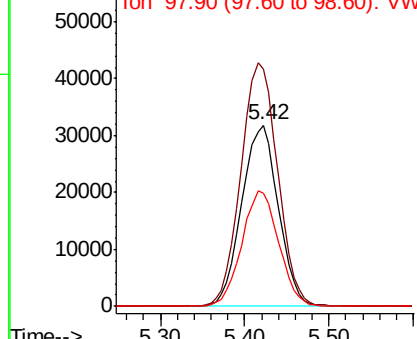
96 100

61 130.4 105.0 157.6

98 62.2 49.7 74.5



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: 98.976 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 45 Resp: 237434

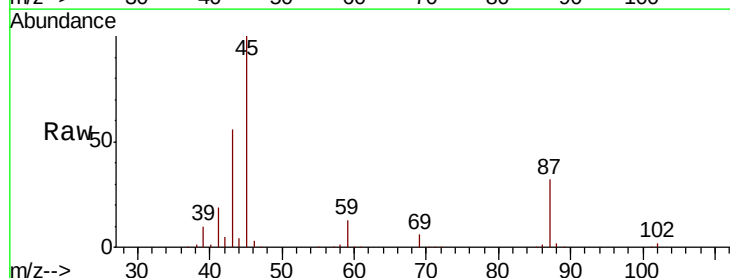
Ion Ratio Lower Upper

45 100

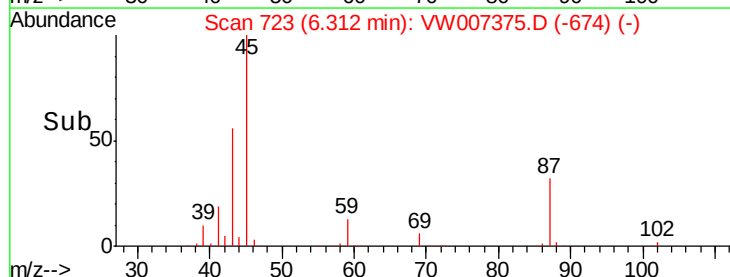
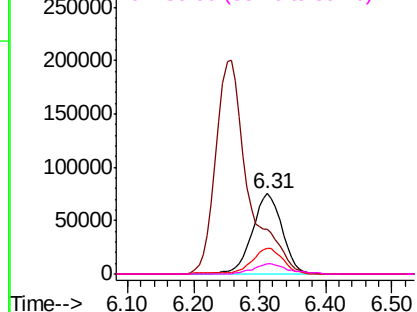
43 55.4 41.6 62.4

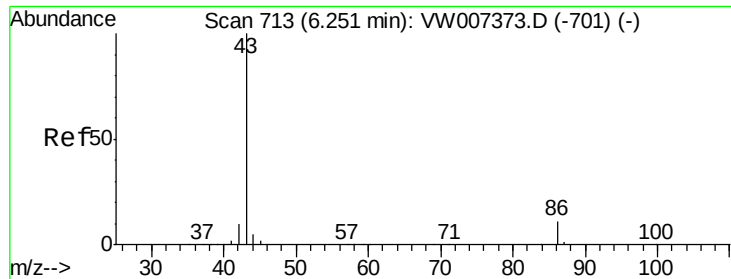
87 32.2 24.3 36.5

59 12.5 9.4 14.0



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: 519.528 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

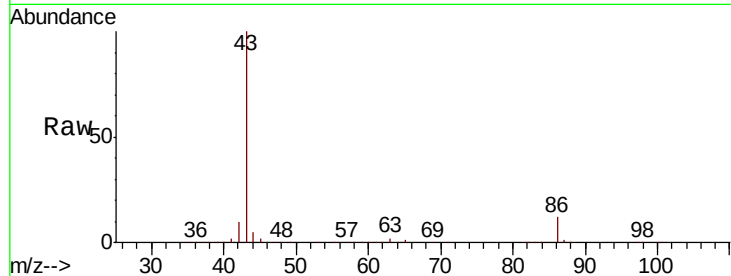
VSTDIC100

Tgt Ion: 43 Resp: 683110

Ion Ratio Lower Upper

43 100

86 11.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

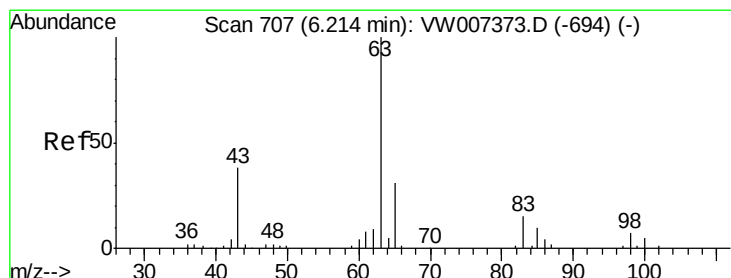
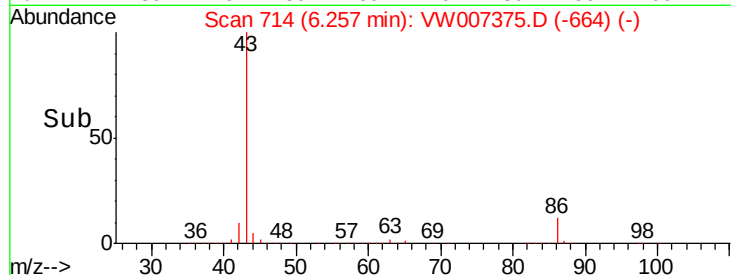
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 101.538 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

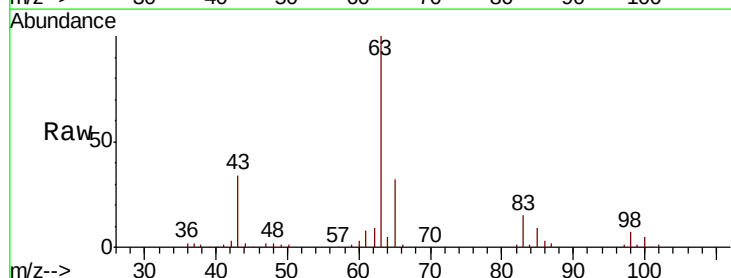
Tgt Ion: 63 Resp: 158327

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

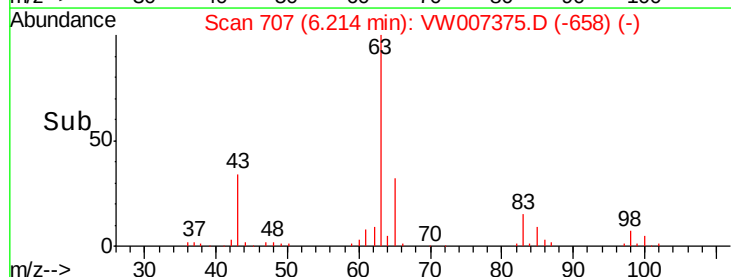
60000

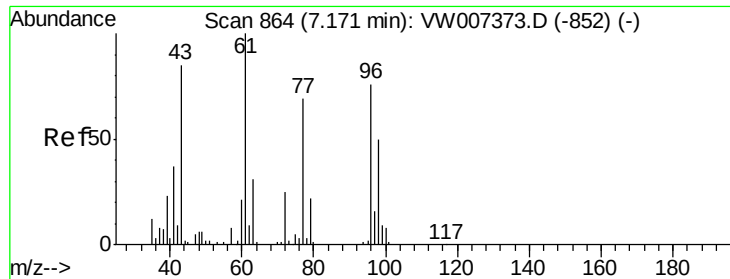
40000

20000

0

Time-->





#25

2-Butanone

Concen: 479.818 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

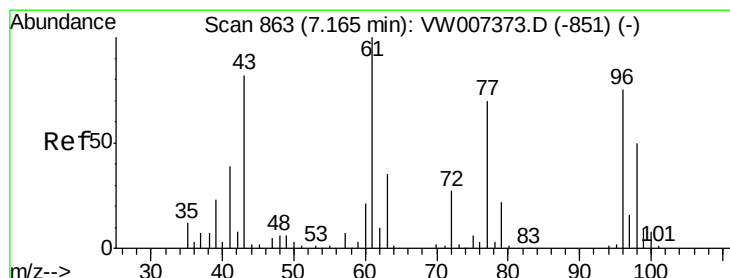
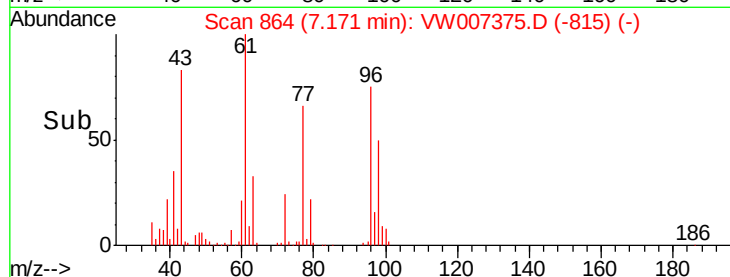
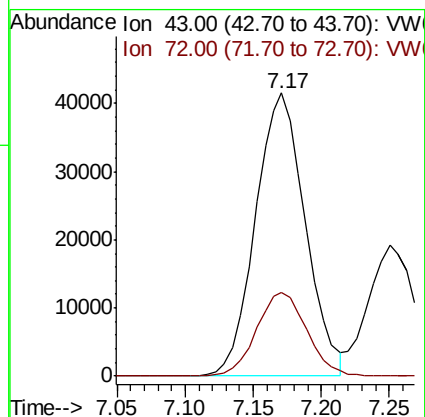
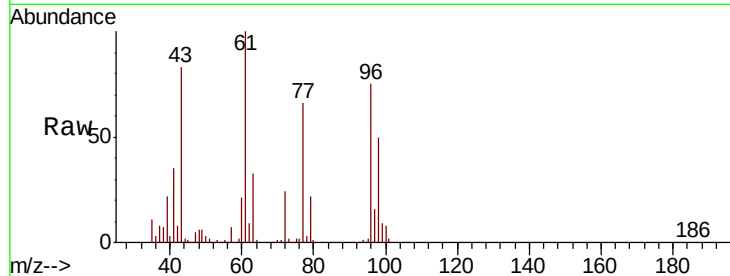
VSTDIC100

Tgt Ion: 43 Resp: 106090

Ion Ratio Lower Upper

43 100

72 29.4 23.4 35.2



#26

2,2-Dichloropropane

Concen: 72.007 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007375.D

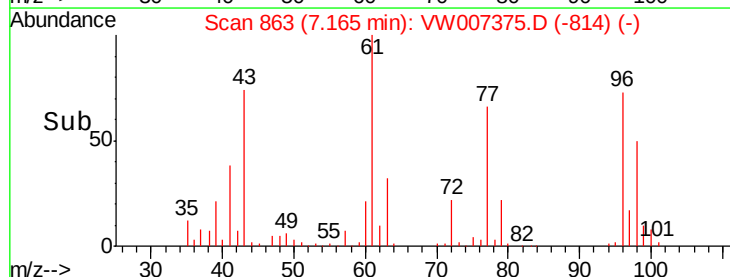
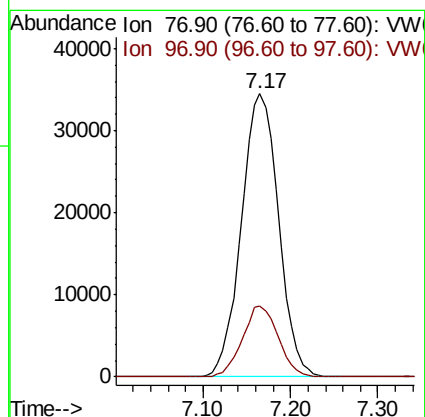
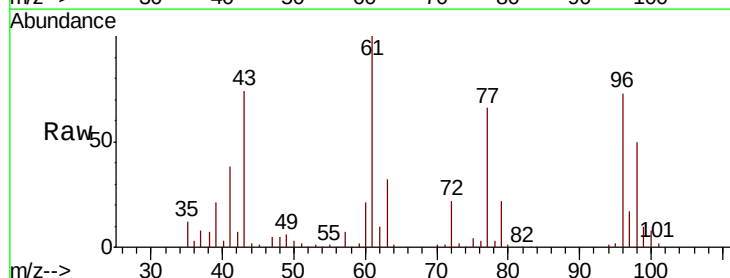
Acq: 11 Dec 2018 00:57

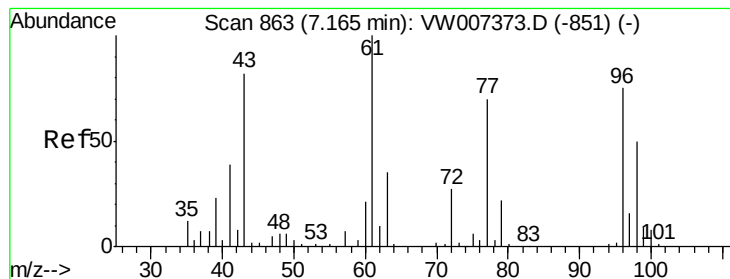
Tgt Ion: 77 Resp: 101945

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8



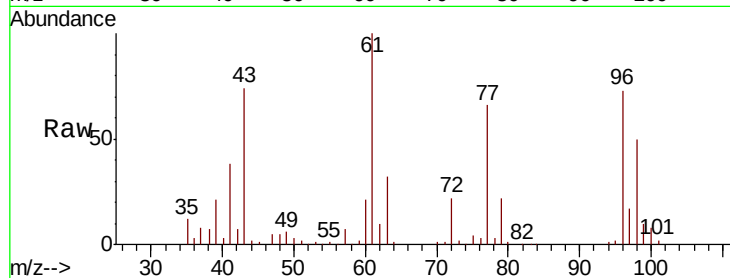


#27

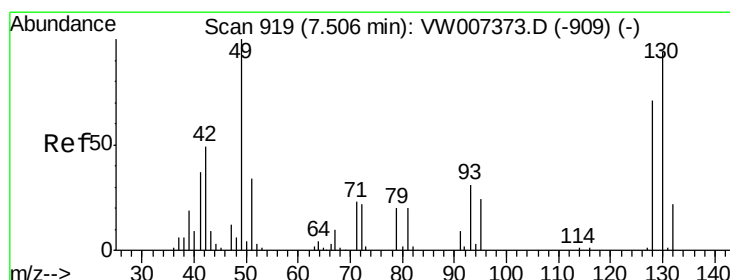
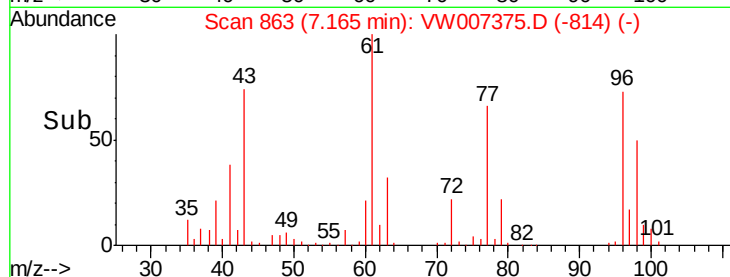
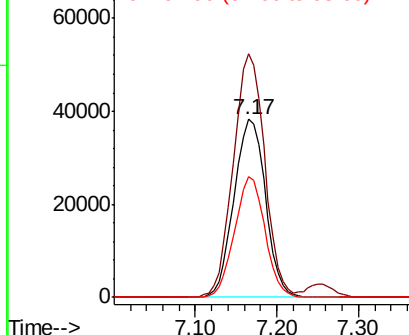
cis-1,2-Dichloroethene
Concen: 101.184 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 102434
Ion Ratio Lower Upper
96 100
61 136.0 0.0 268.4
98 65.2 0.0 127.8



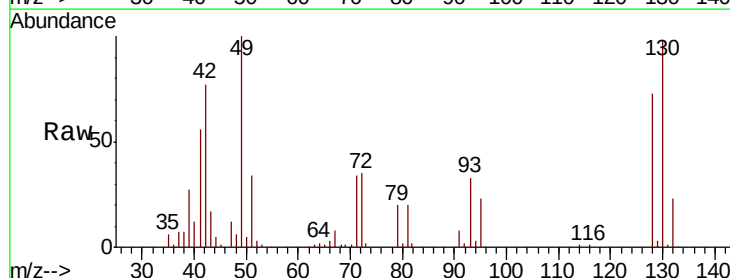
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



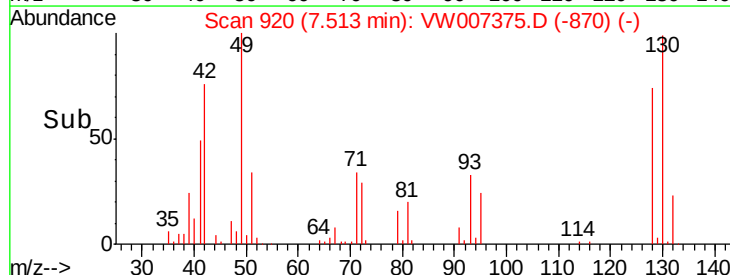
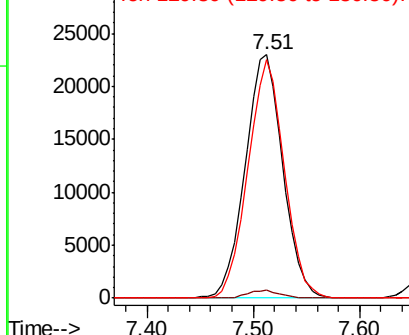
#28

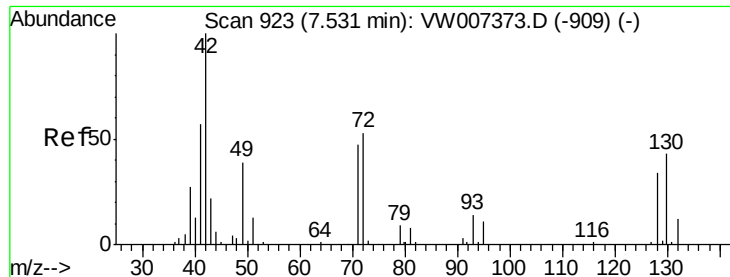
Bromochloromethane
Concen: 100.028 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 49 Resp: 57084
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.6#
130 94.3 75.9 113.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

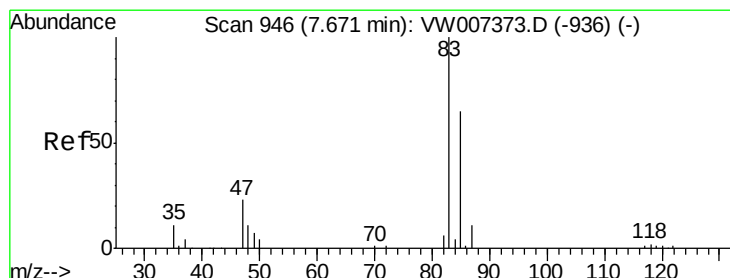
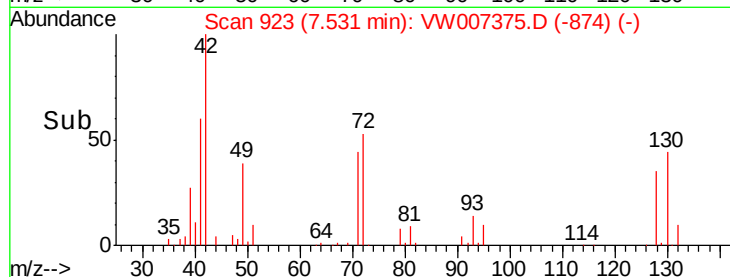
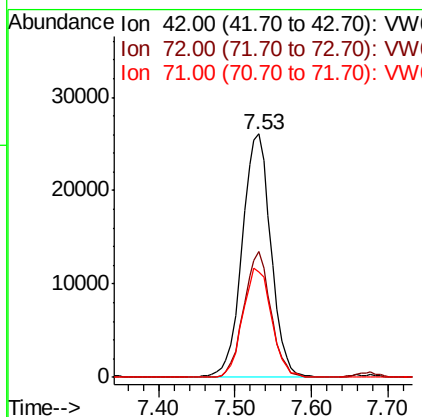
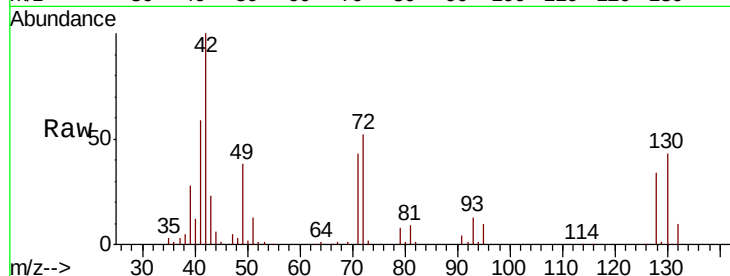




#29
Tetrahydrofuran
Concen: 493.177 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

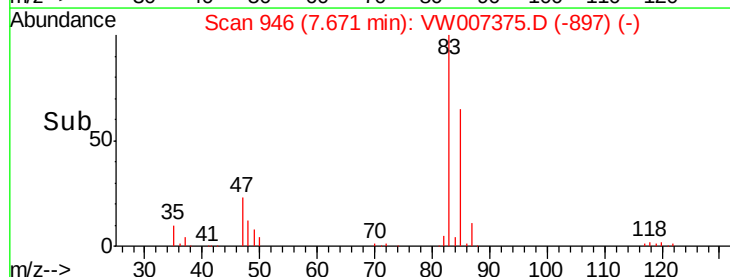
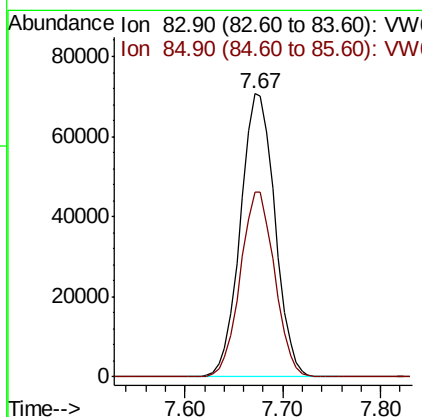
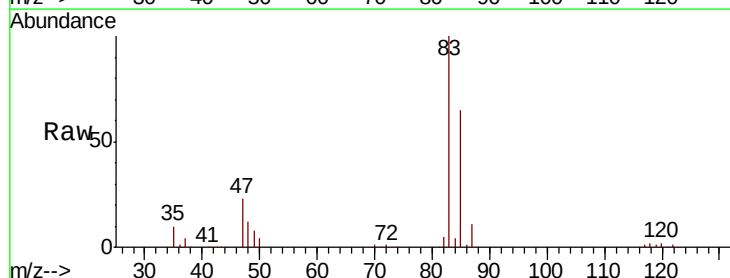
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

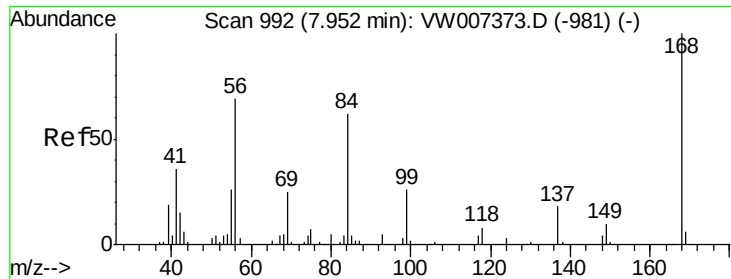
Tgt Ion: 42 Resp: 68138
Ion Ratio Lower Upper
42 100
72 48.3 38.2 57.4
71 44.9 35.5 53.3



#30
Chloroform
Concen: 105.553 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 83 Resp: 172736
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8

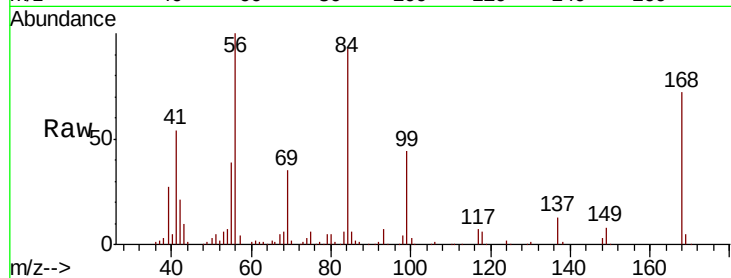




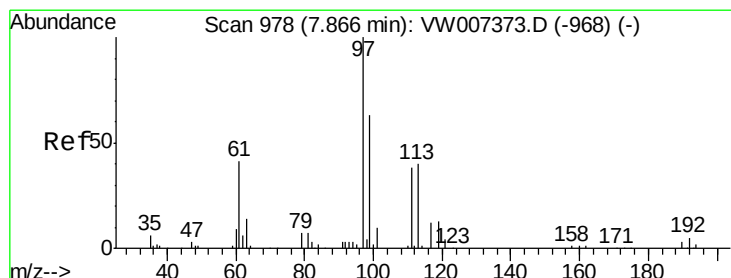
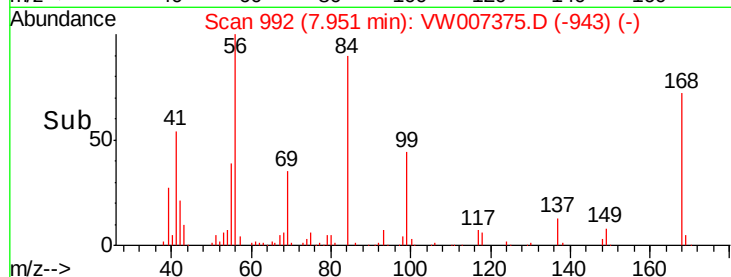
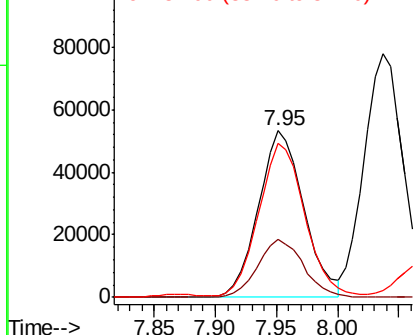
#31
Cyclohexane
Concen: 86.941 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 137970
Ion Ratio Lower Upper
56 100
69 34.5 28.9 43.3
84 90.9 71.8 107.6

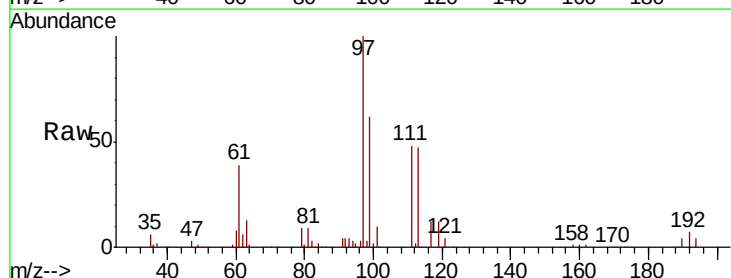


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

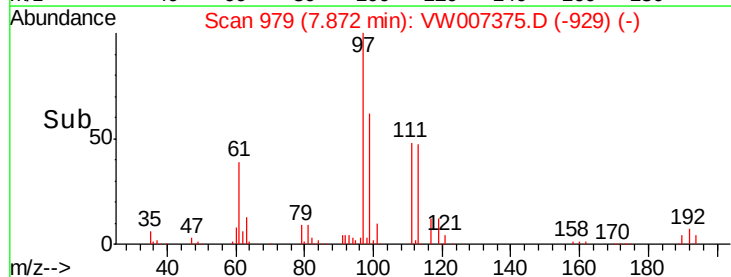
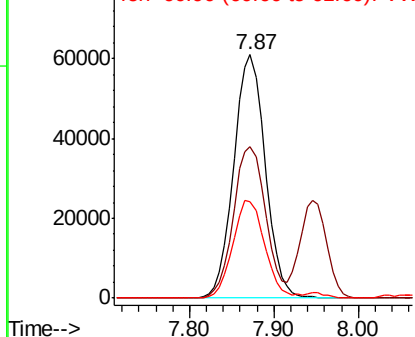


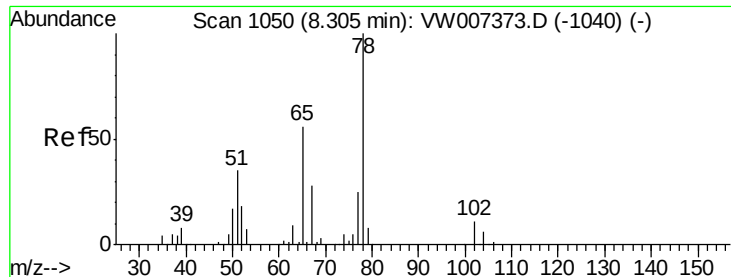
#32
1,1,1-Trichloroethane
Concen: 101.995 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 97 Resp: 154256
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 40.9 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

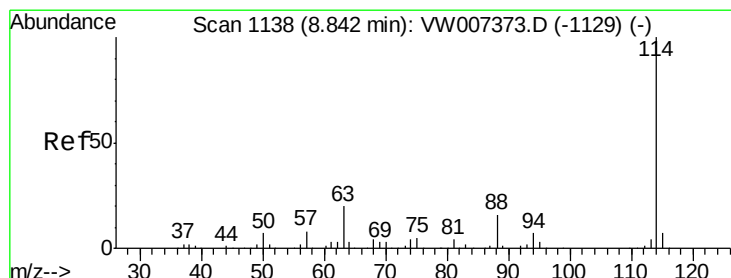
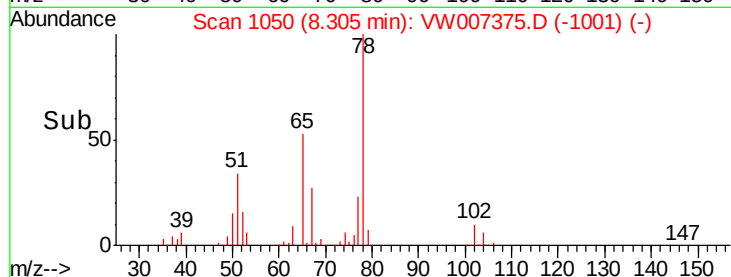
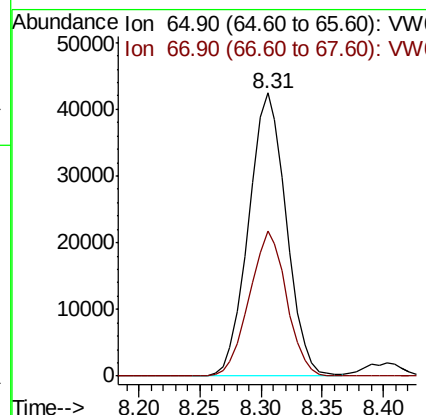
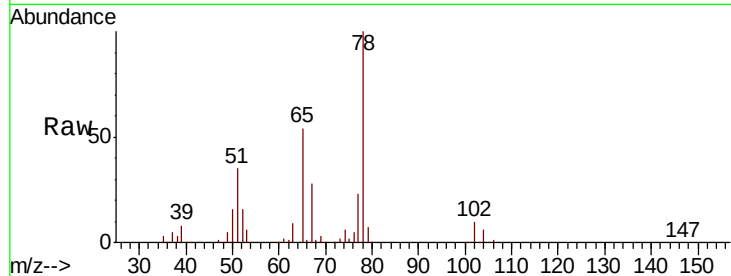




#33
 1,2-Dichloroethane-d4
 Concen: 107.656 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

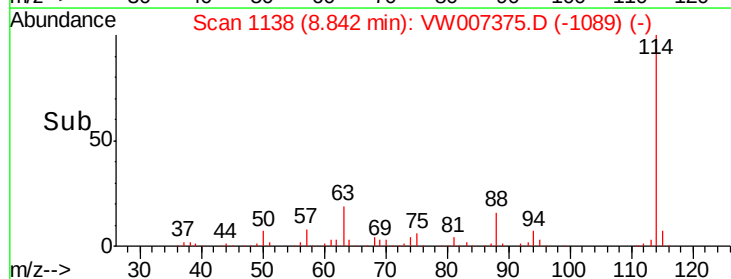
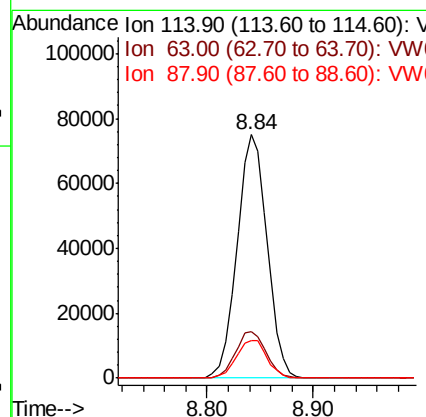
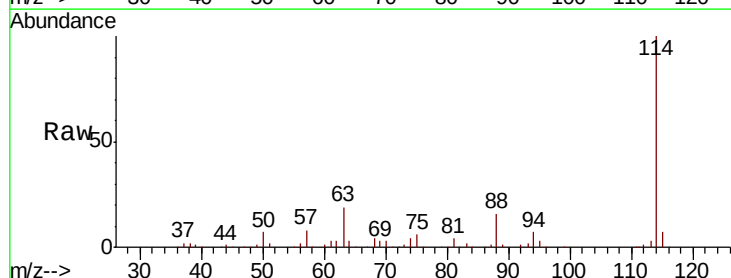
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

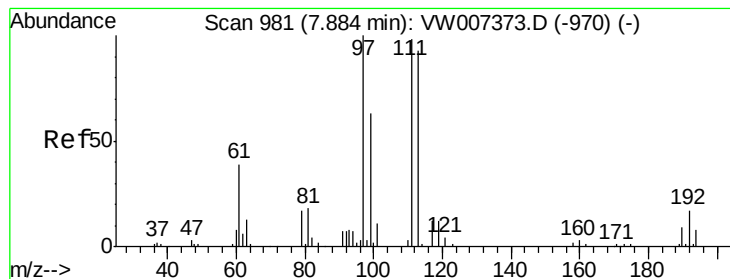
Tgt Ion: 65 Resp: 90979
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 114 Resp: 148086
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 100.097 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

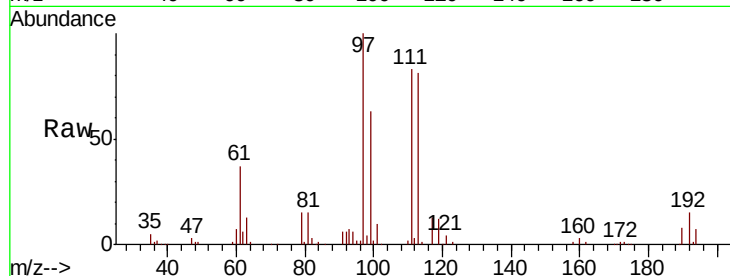
Tgt Ion: 113 Resp: 86264

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

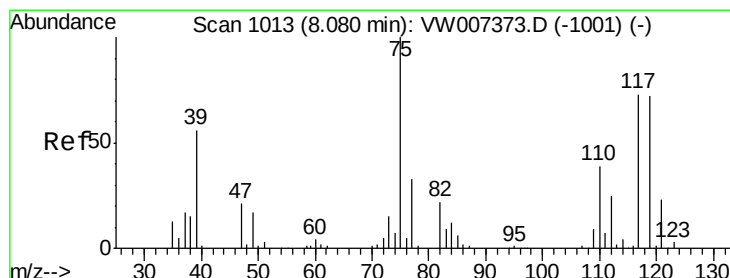
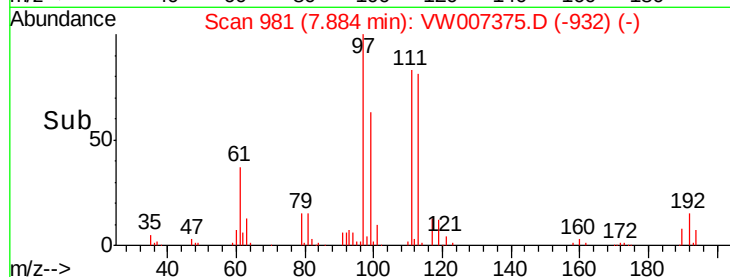
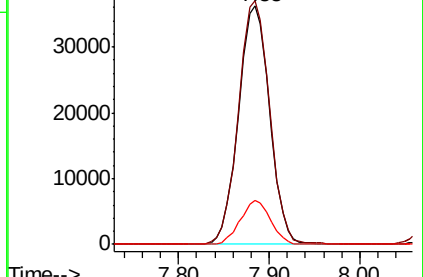
192 17.9 14.6 21.8



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: 92.734 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

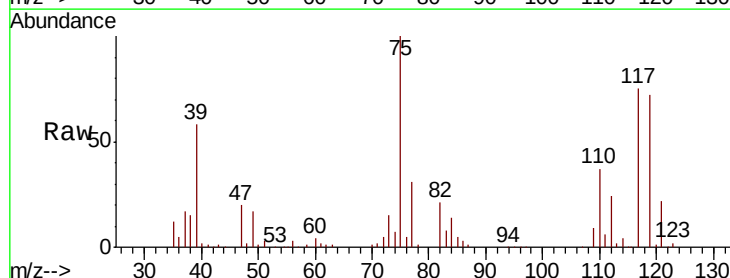
Tgt Ion: 75 Resp: 131509

Ion Ratio Lower Upper

75 100

110 36.7 18.5 55.5

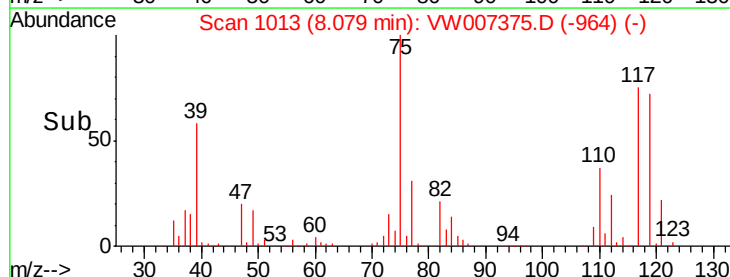
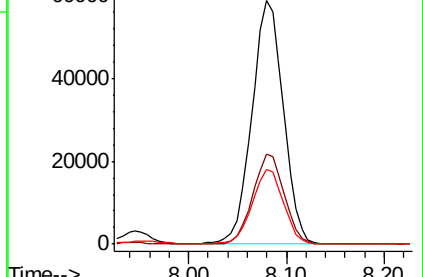
77 30.6 25.6 38.4

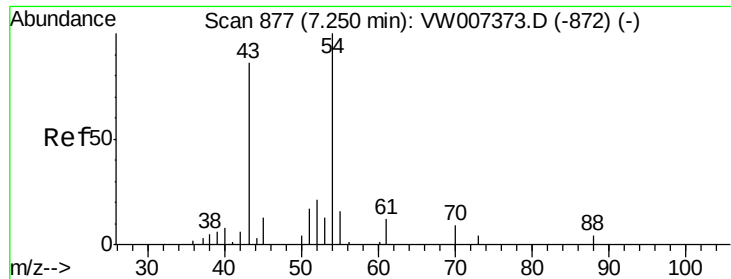


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

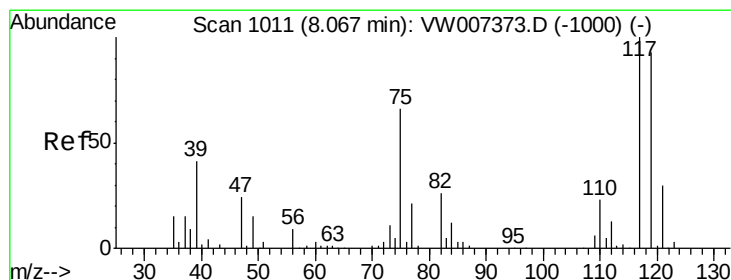
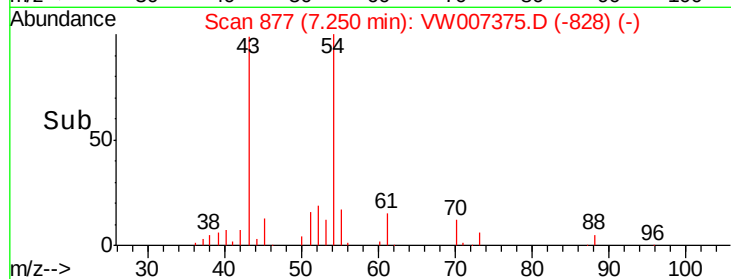
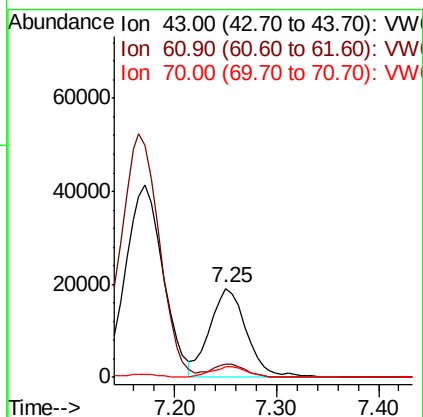
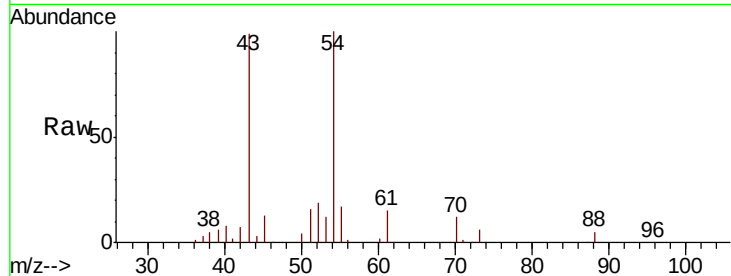




#37
Ethyl Acetate
Concen: 93.443 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

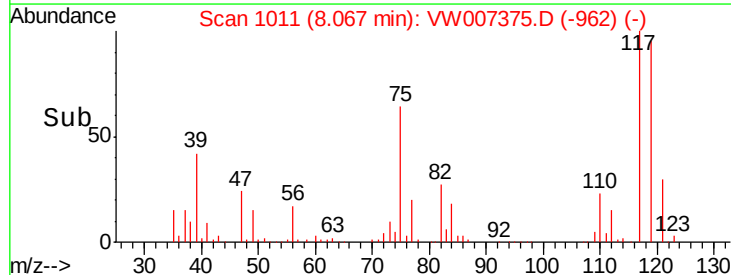
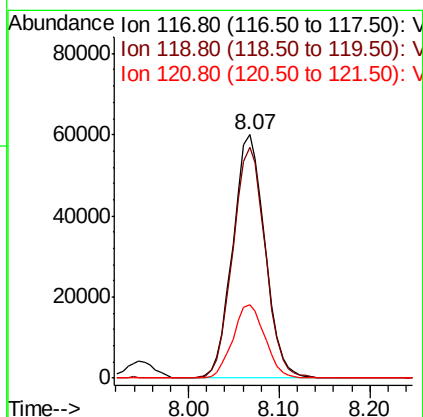
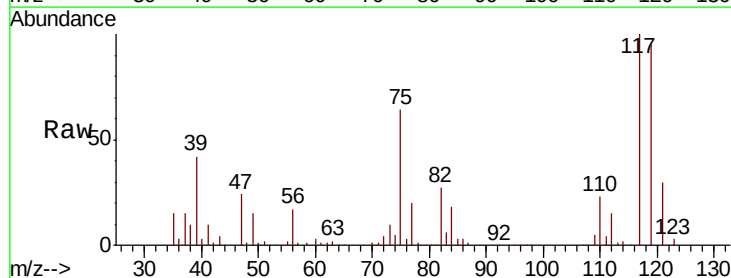
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

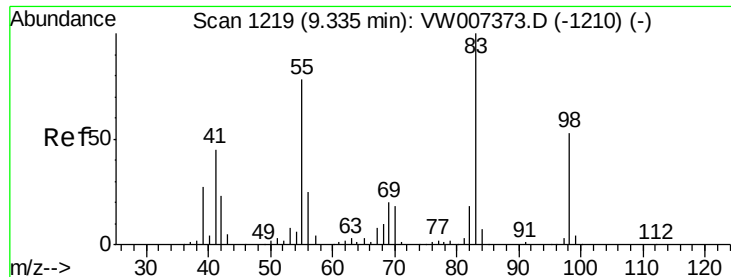
Tgt Ion: 43 Resp: 47961
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 12.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 100.347 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 117 Resp: 147601
Ion Ratio Lower Upper
117 100
119 95.0 74.3 111.5
121 30.4 24.3 36.5

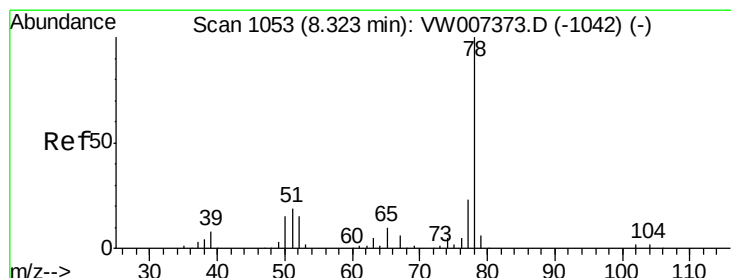
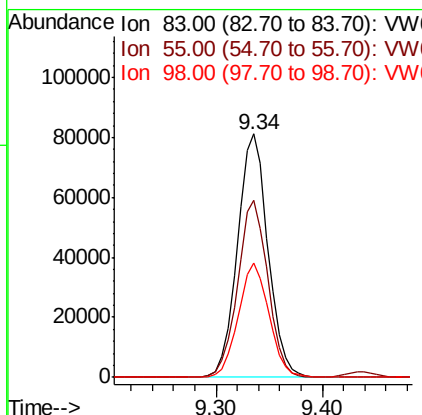
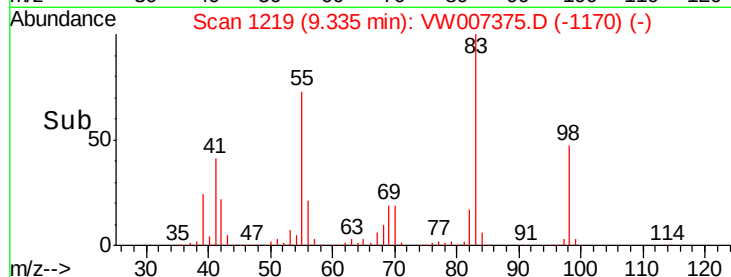
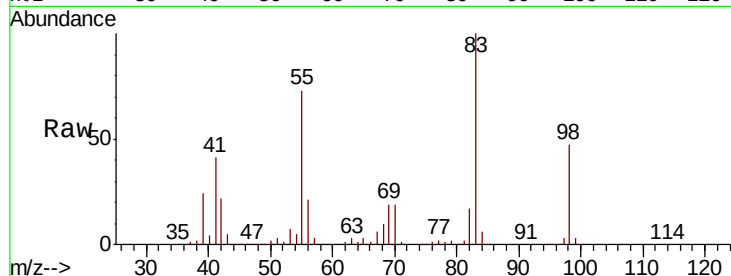




#39
Methylcyclohexane
Concen: 86.889 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

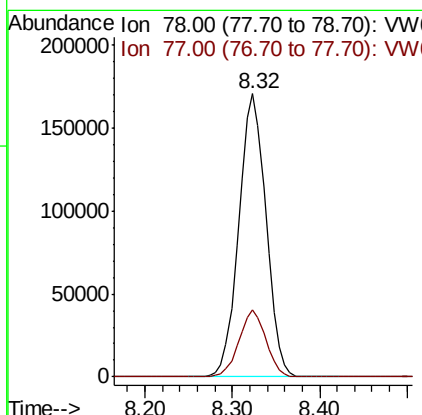
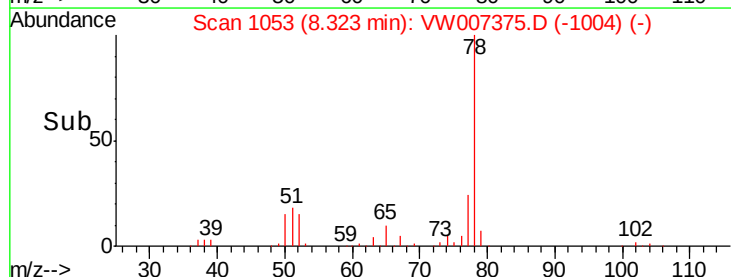
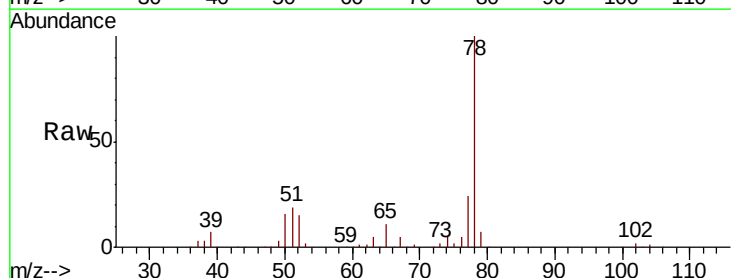
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

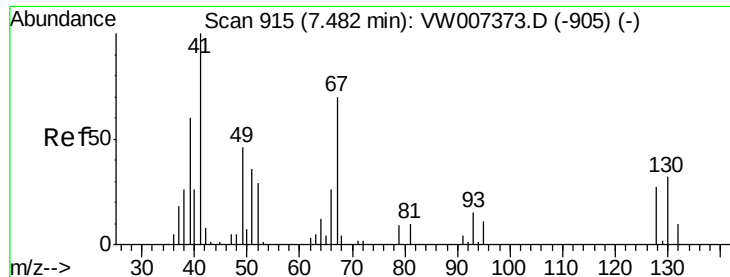
Tgt Ion: 83 Resp: 163151
Ion Ratio Lower Upper
83 100
55 72.8 62.8 94.2
98 46.9 42.2 63.2



#40
Benzene
Concen: 93.971 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 78 Resp: 368093
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

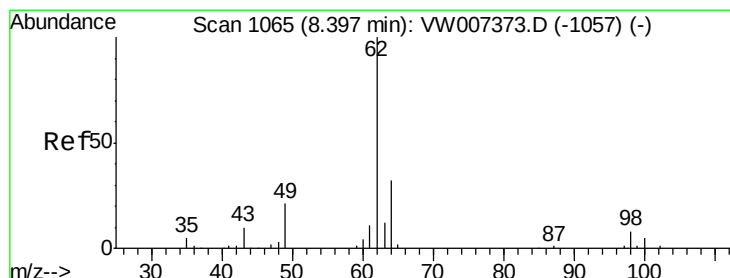
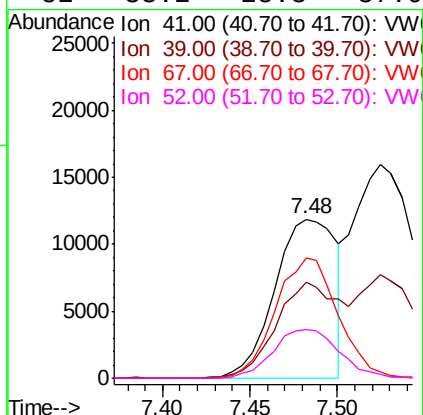
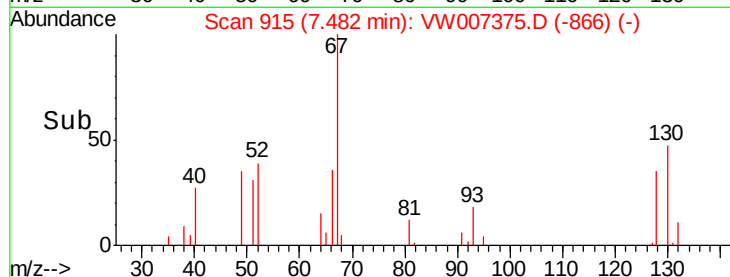
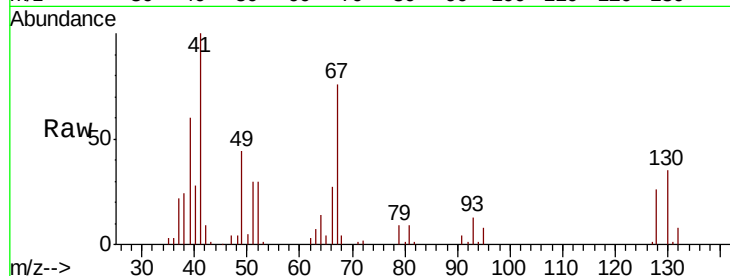




#41
Methacrylonitrile
Concen: 94.947 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

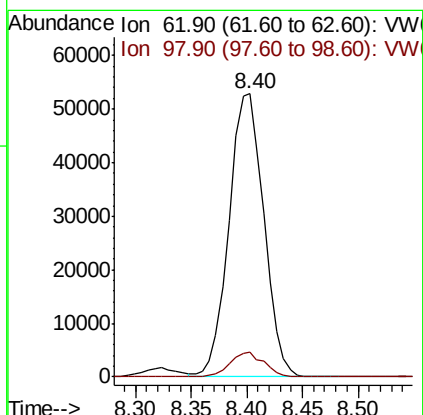
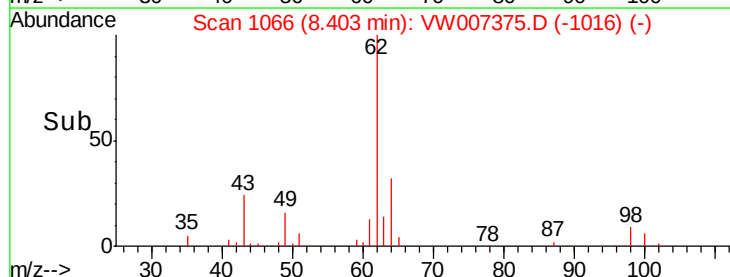
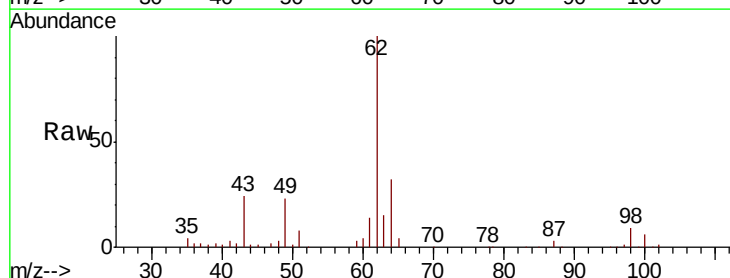
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

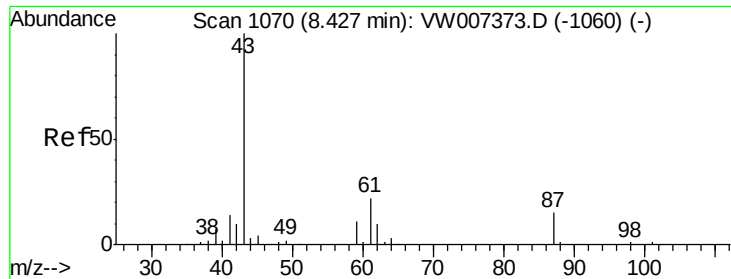
Tgt Ion: 41 Resp: 29076
Ion Ratio Lower Upper
41 100
39 64.1 52.2 78.2
67 77.1 60.5 90.7
52 33.2 25.3 37.9



#42
1,2-Dichloroethane
Concen: 102.416 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 62 Resp: 114811
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 96.632 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

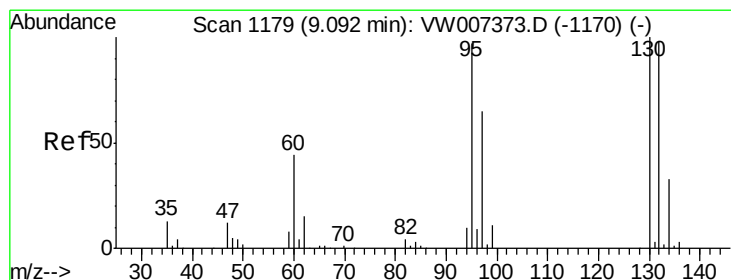
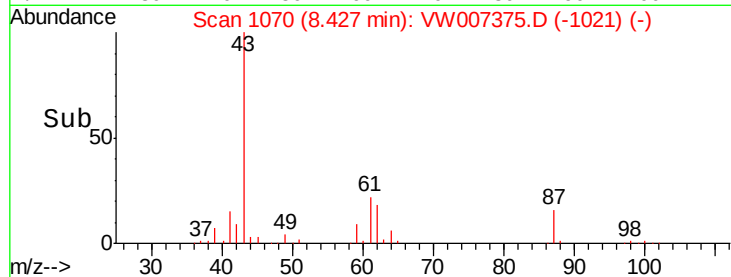
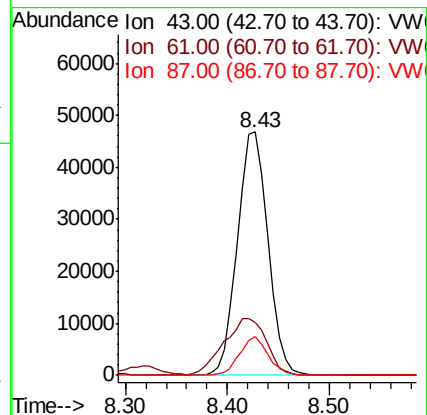
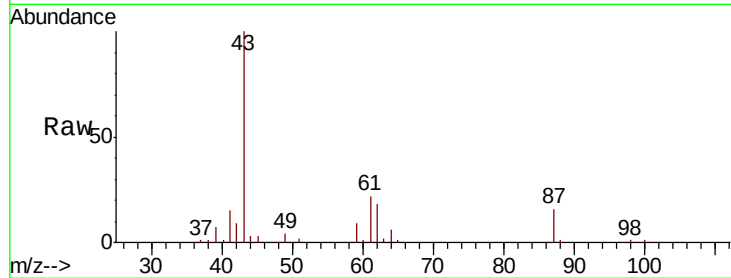
Tgt Ion: 43 Resp: 97154

Ion Ratio Lower Upper

43 100

61 32.6 25.3 37.9

87 14.8 11.8 17.8



#44

Trichloroethene

Concen: 95.933 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007375.D

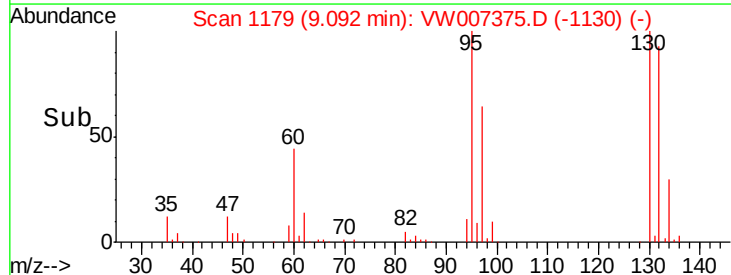
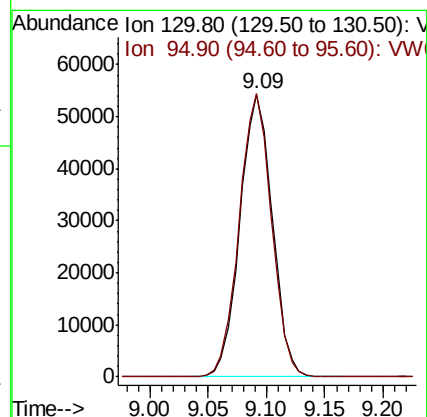
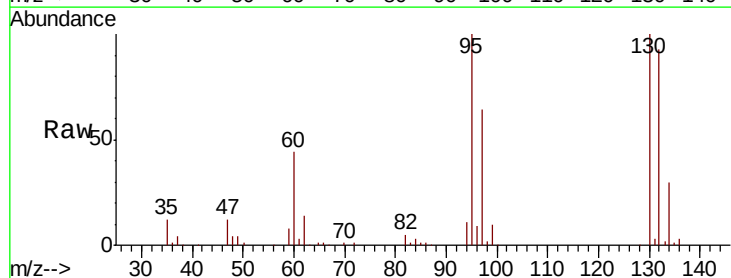
Acq: 11 Dec 2018 00:57

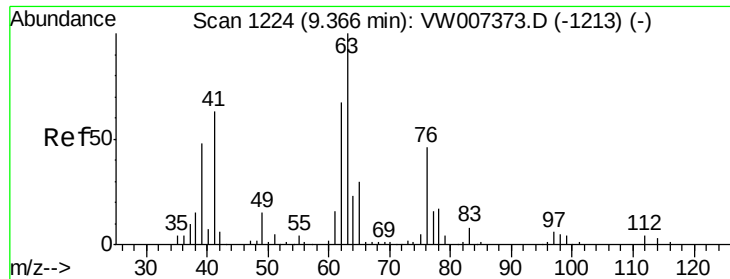
Tgt Ion: 130 Resp: 105228

Ion Ratio Lower Upper

130 100

95 100.3 0.0 193.2

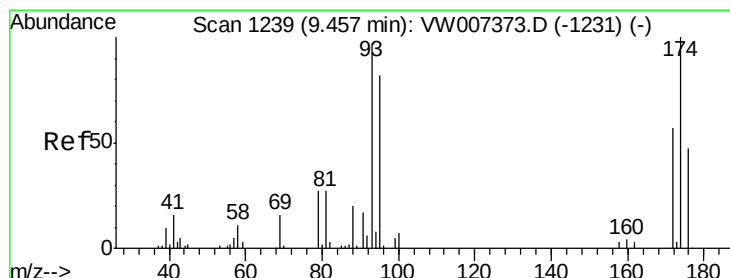
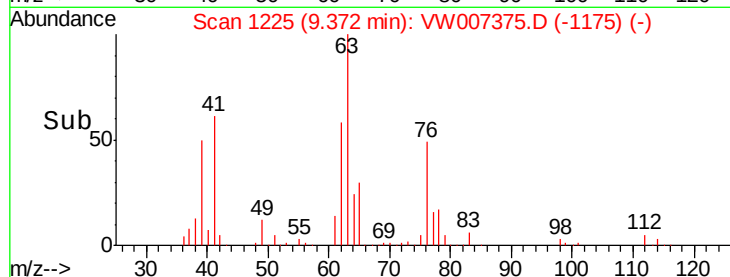
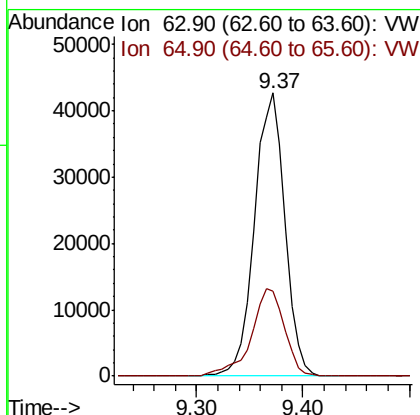
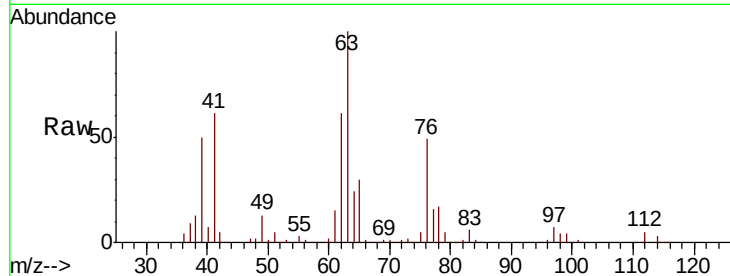




#45
 1,2-Dichloropropane
 Concen: 93.769 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

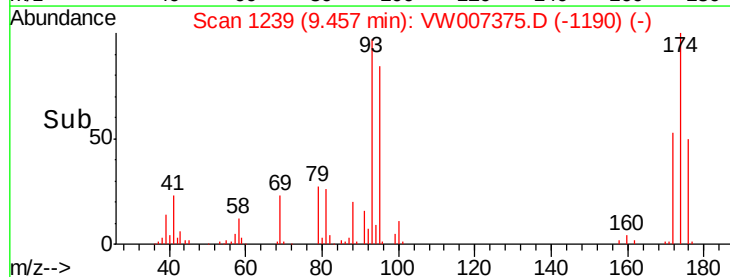
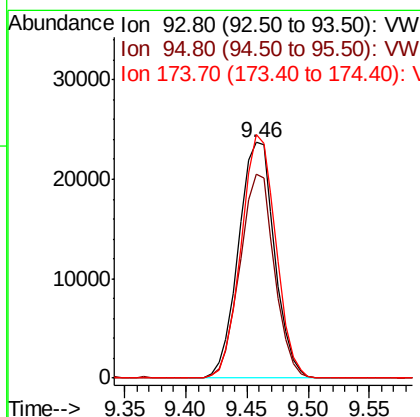
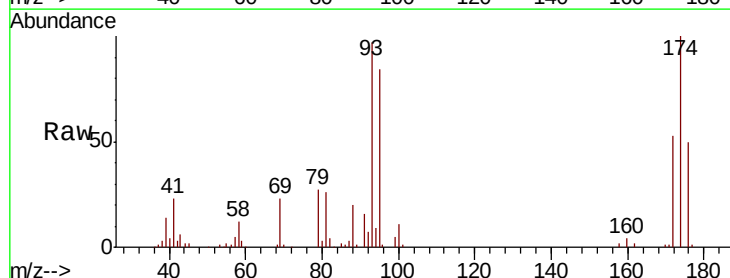
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

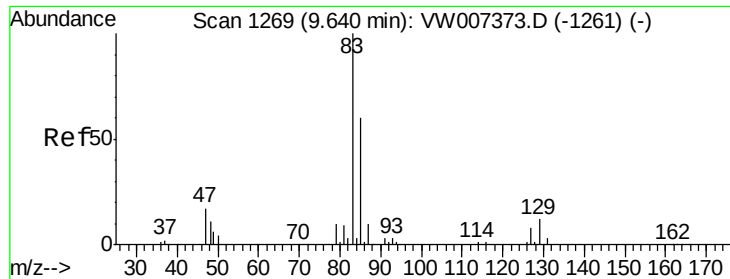
Tgt Ion: 63 Resp: 85562
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.4 36.6



#46
 Dibromomethane
 Concen: 101.226 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 93 Resp: 48696
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.0 102.0
 174 99.1 83.2 124.8





#47

Bromodichloromethane

Concen: 101.761 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

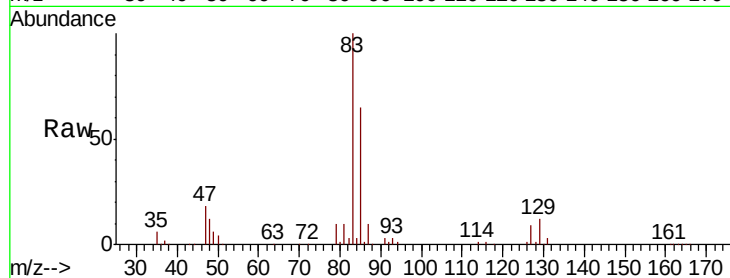
Tgt Ion: 83 Resp: 128889

Ion Ratio Lower Upper

83 100

85 64.5 47.6 71.4

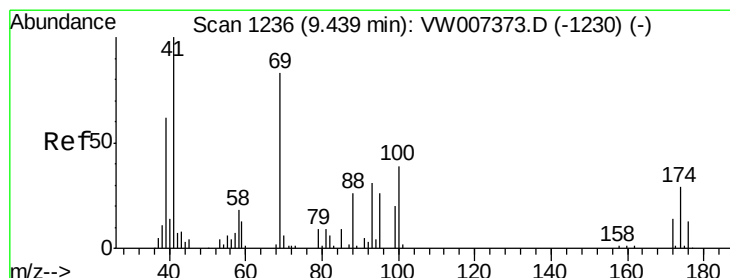
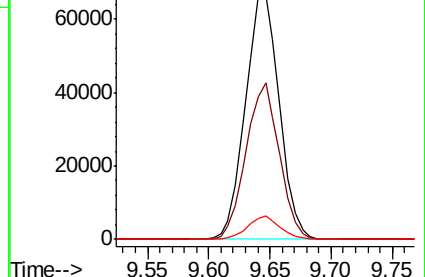
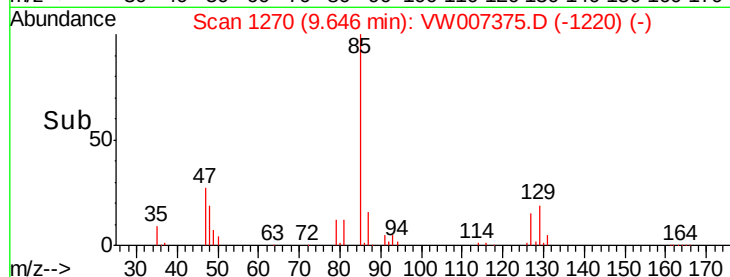
127 9.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 93.120 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

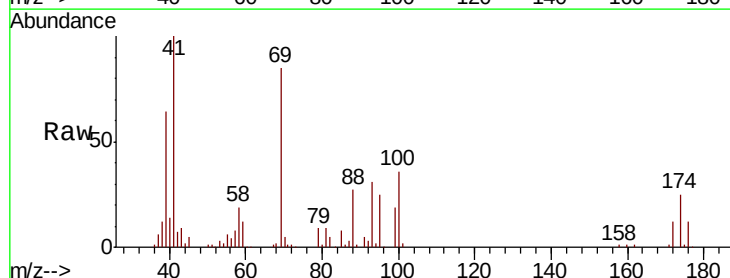
Tgt Ion: 41 Resp: 48131

Ion Ratio Lower Upper

41 100

69 91.3 69.8 104.8

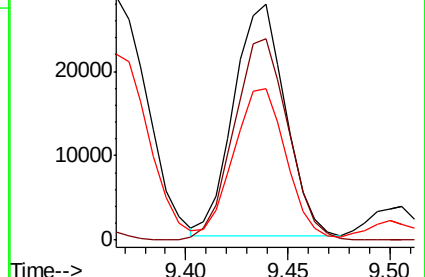
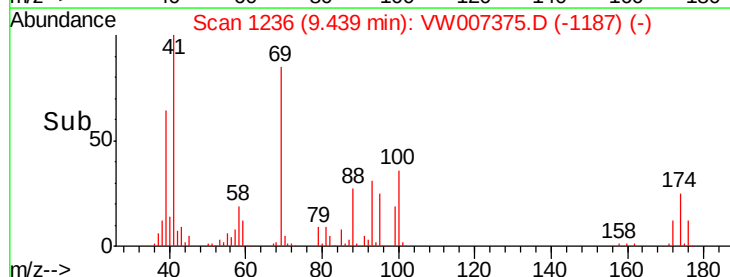
39 67.9 50.9 76.3

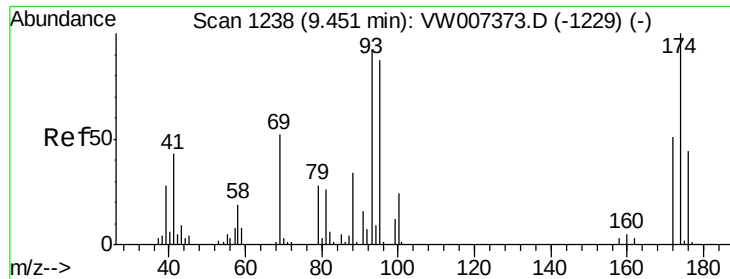


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

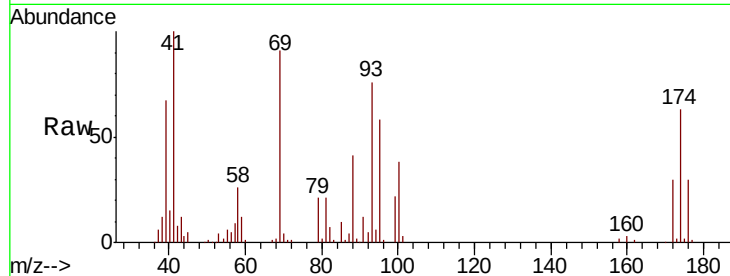




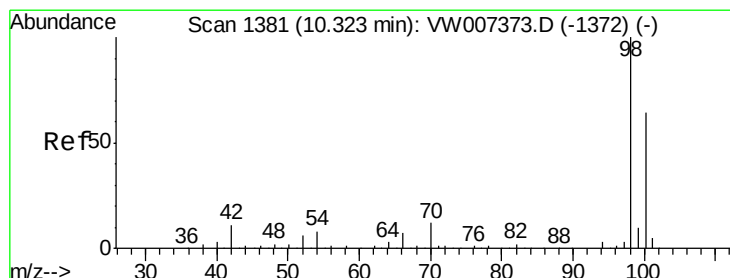
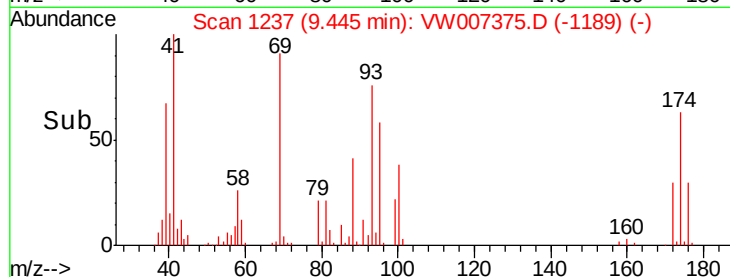
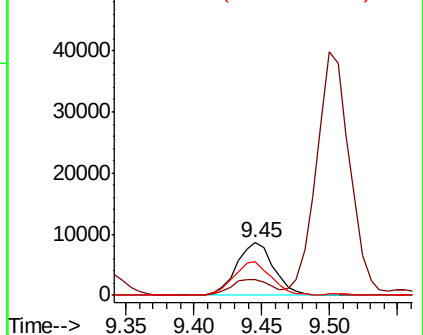
#49
 1,4-Dioxane
 Concen: 1988.040 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 16445
 Ion Ratio Lower Upper
 88 100
 43 32.1 25.0 37.4
 58 65.3 51.4 77.2

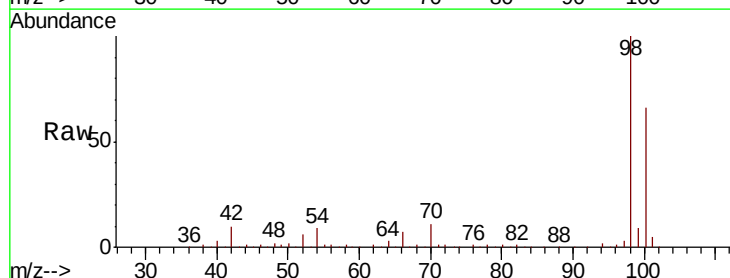


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

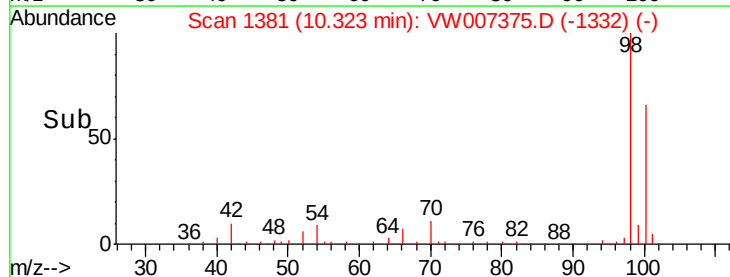
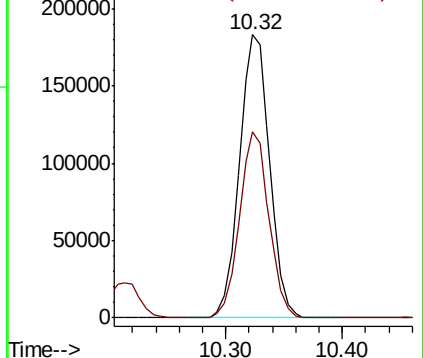


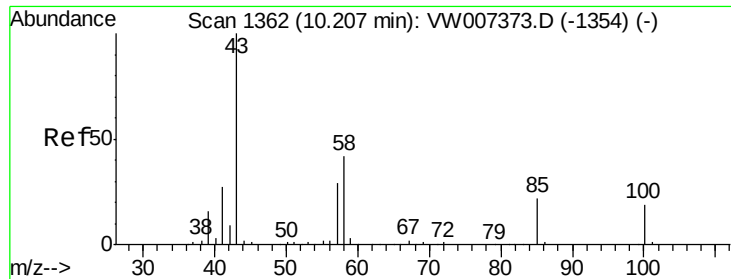
#50
 Toluene-d8
 Concen: 89.068 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 98 Resp: 328865
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 482.687 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

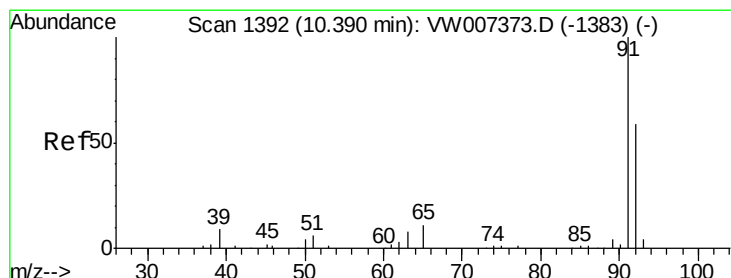
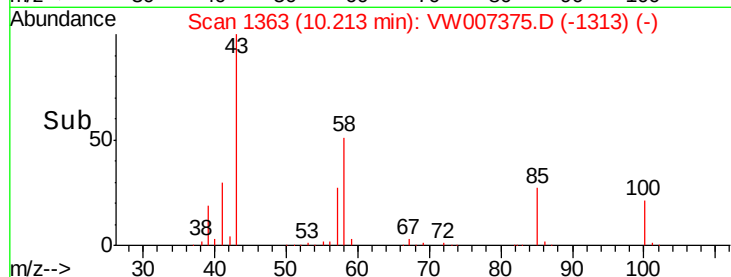
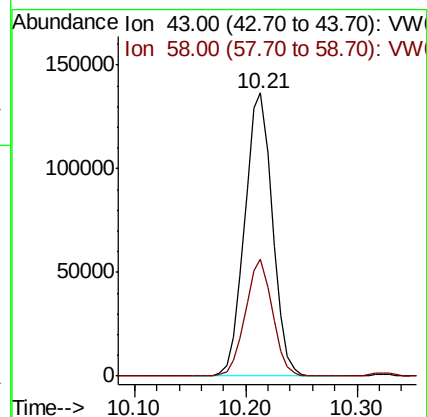
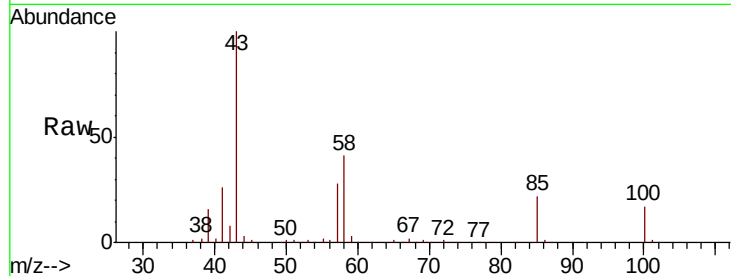
VSTDIC100

Tgt Ion: 43 Resp: 236134

Ion Ratio Lower Upper

43 100

58 40.2 33.1 49.7



#52

Toluene

Concen: 87.645 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007375.D

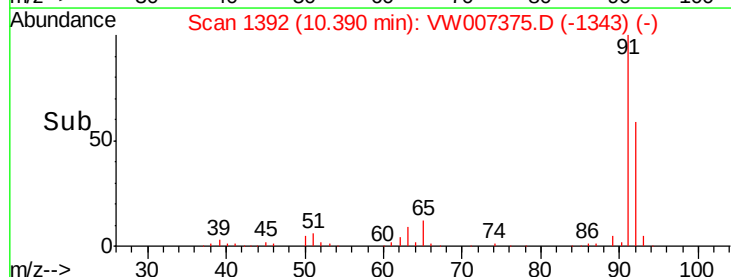
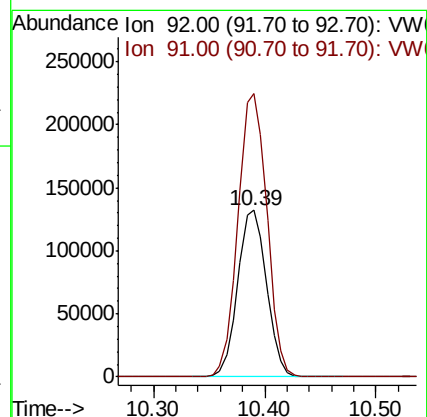
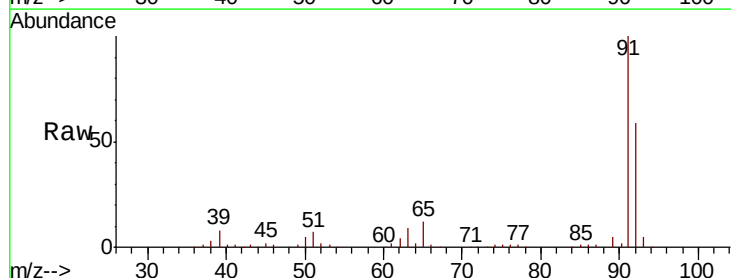
Acq: 11 Dec 2018 00:57

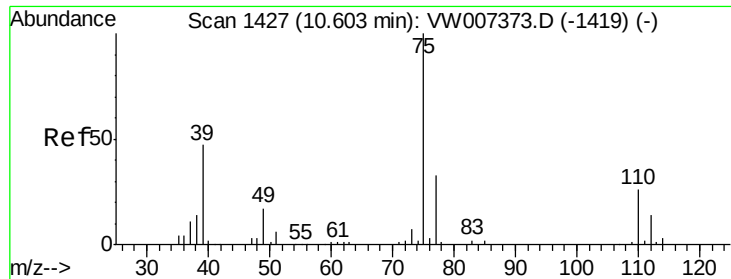
Tgt Ion: 92 Resp: 236567

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 99.792 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

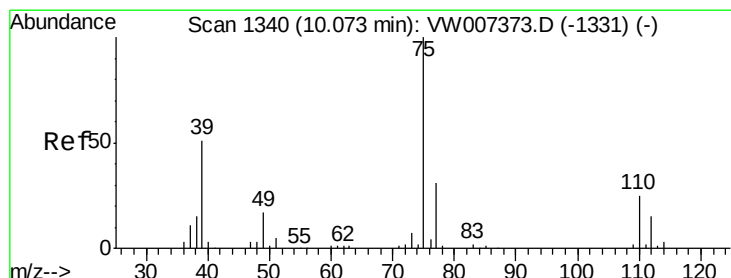
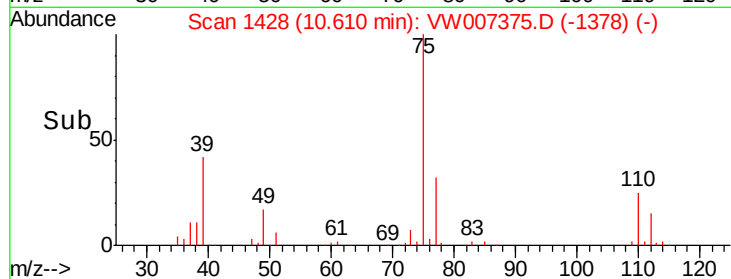
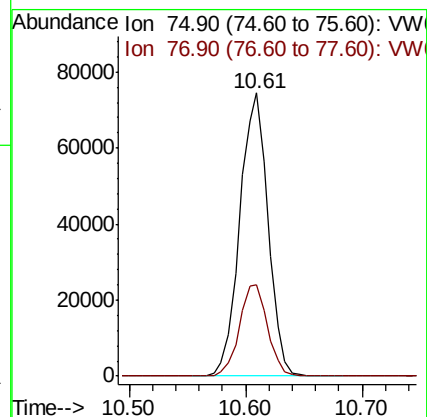
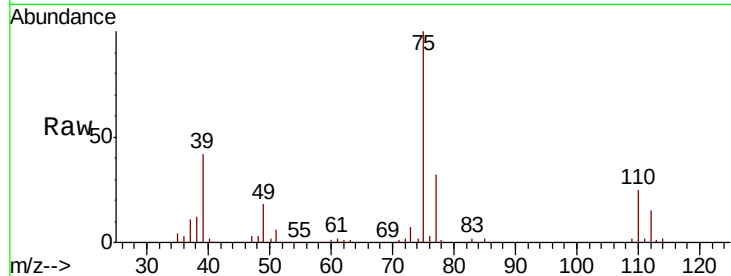
VSTDIC100

Tgt Ion: 75 Resp: 125352

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 100.326 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

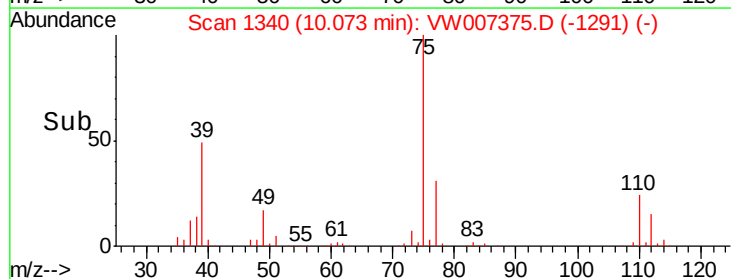
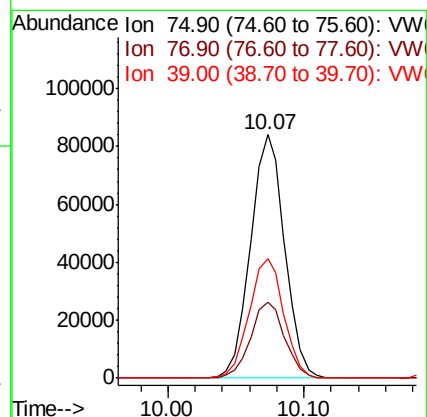
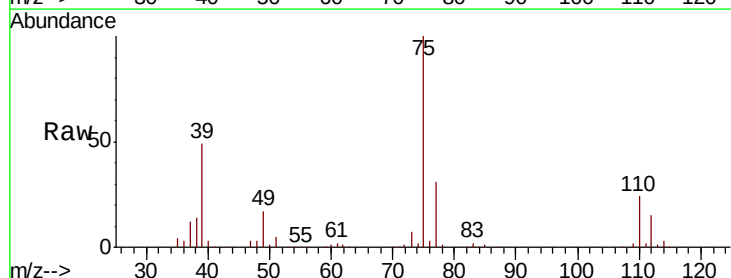
Tgt Ion: 75 Resp: 147373

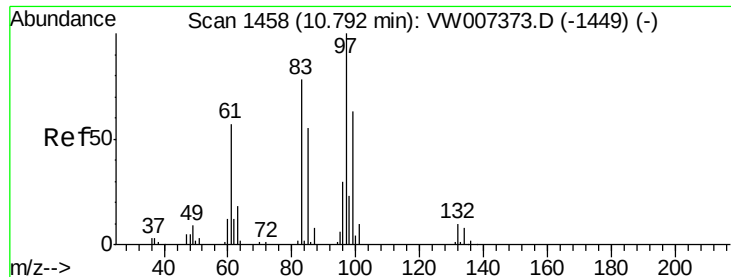
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 48.9 40.9 61.3

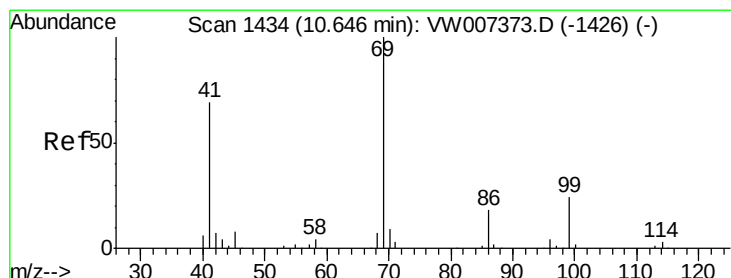
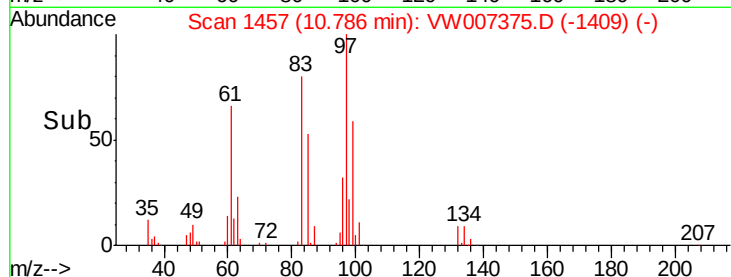
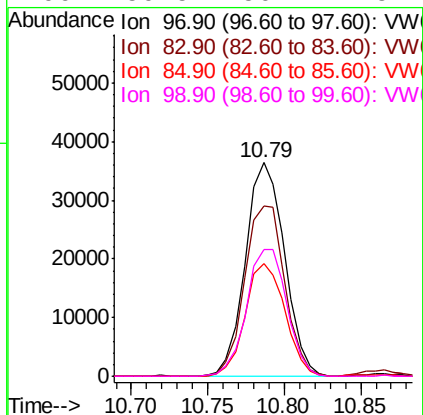
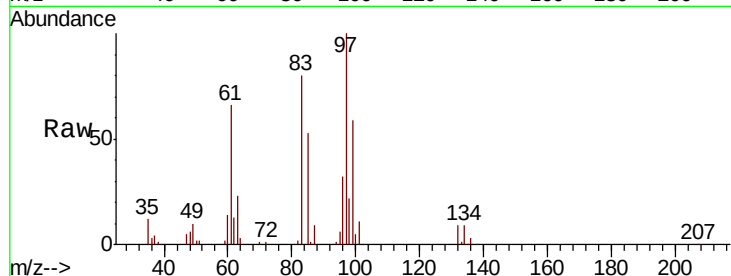




#55
 1,1,2-Trichloroethane
 Concen: 95.398 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

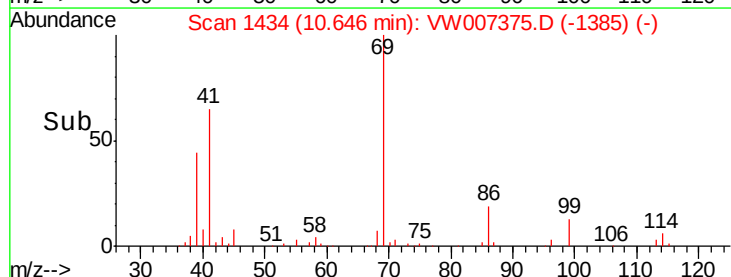
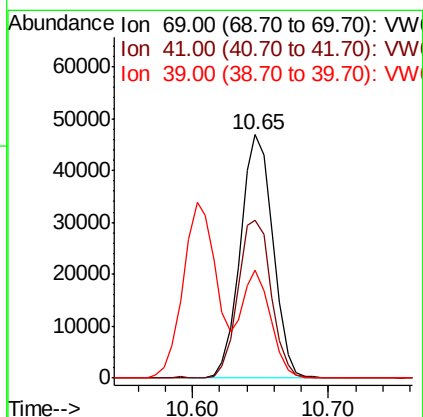
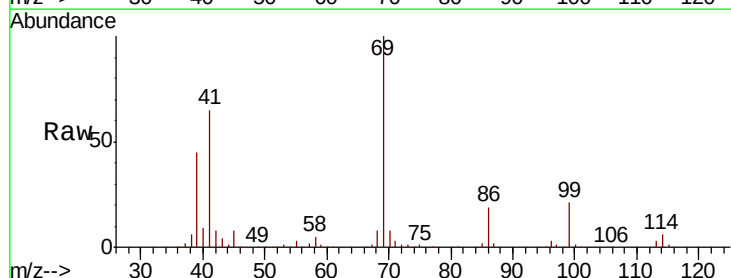
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

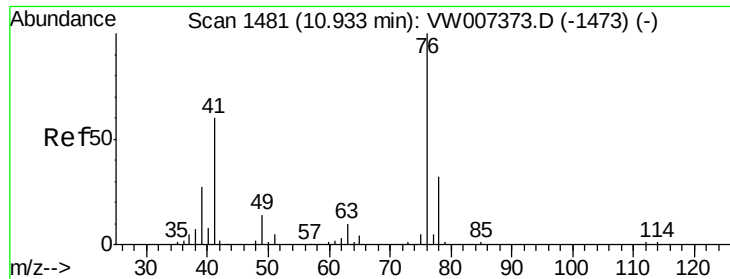
Tgt Ion:	97	Resp:	64747
Ion	Ratio	Lower	Upper
97	100		
83	79.9	62.1	93.1
85	52.6	44.2	66.4
99	59.5	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 90.275 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:	69	Resp:	78458
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.0	76.6
39	39.7	30.8	46.2

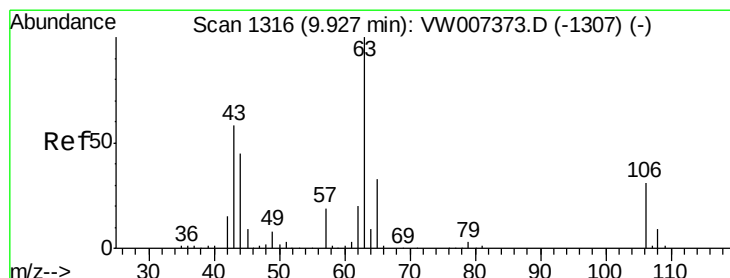
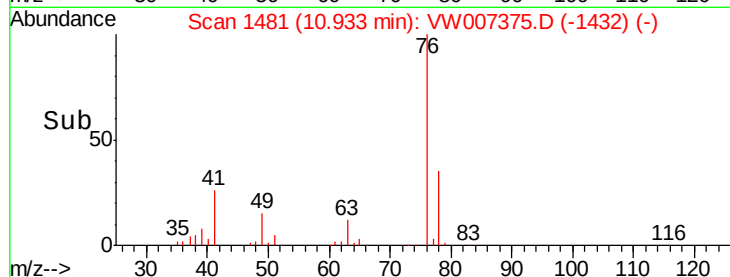
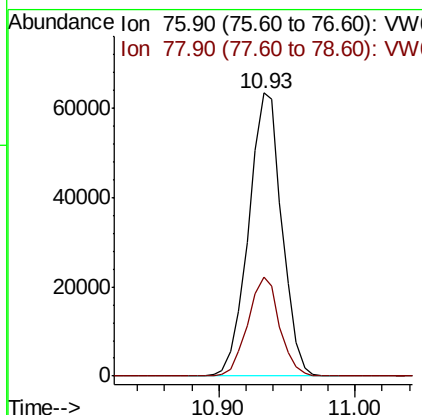
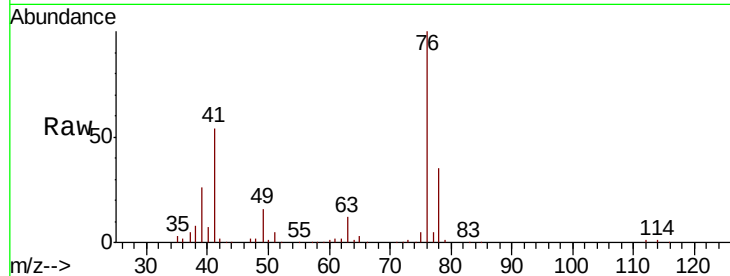




#57
 1,3-Dichloropropane
 Concen: 95.502 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

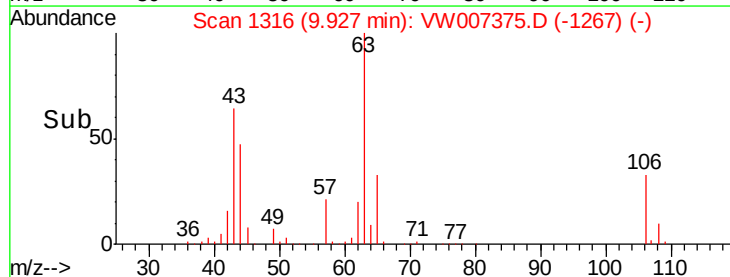
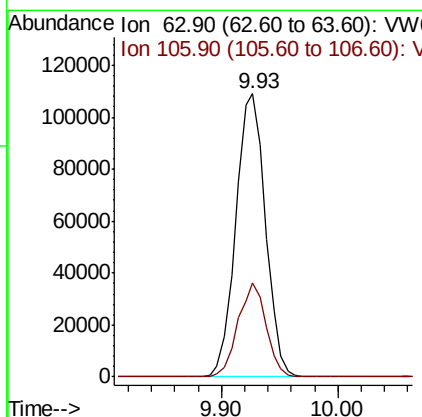
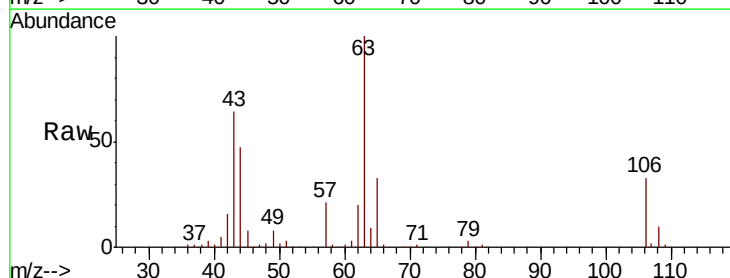
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

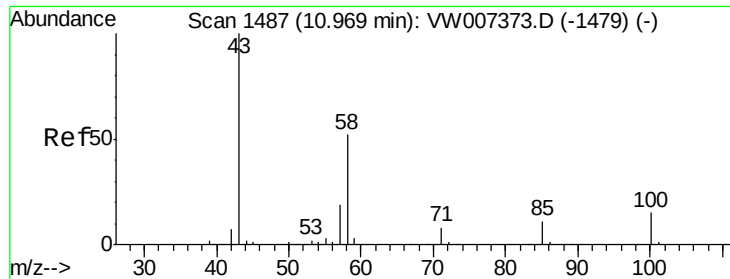
Tgt Ion: 76 Resp: 108687
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 529.061 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 63 Resp: 193110
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6

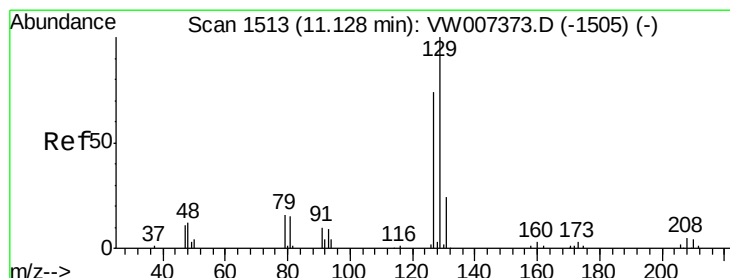
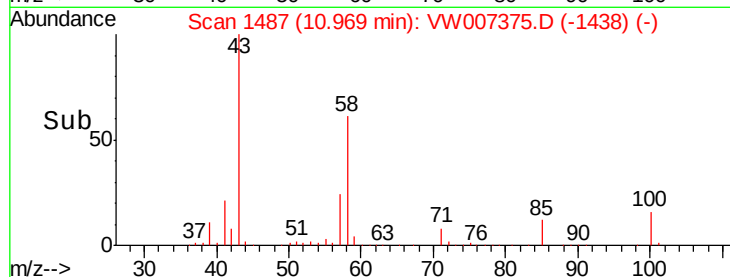
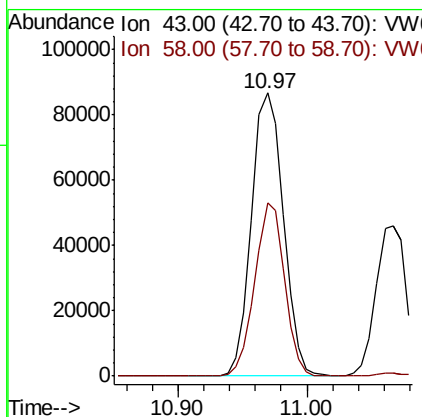
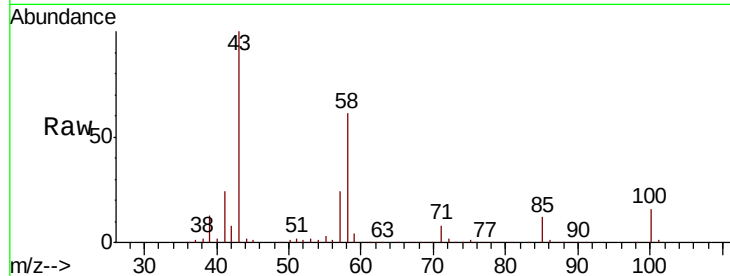




#59
2-Hexanone
Concen: 425.696 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

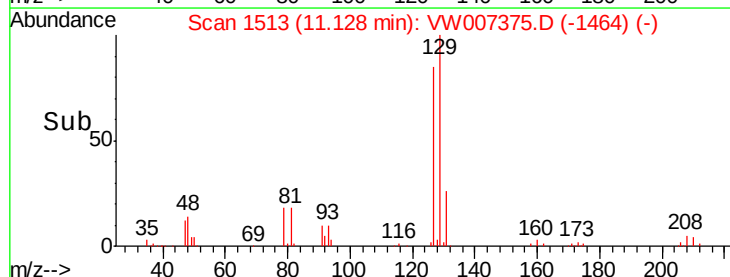
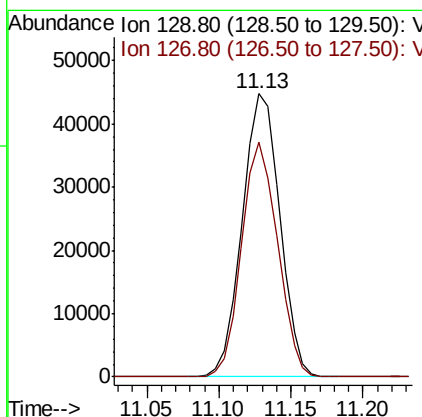
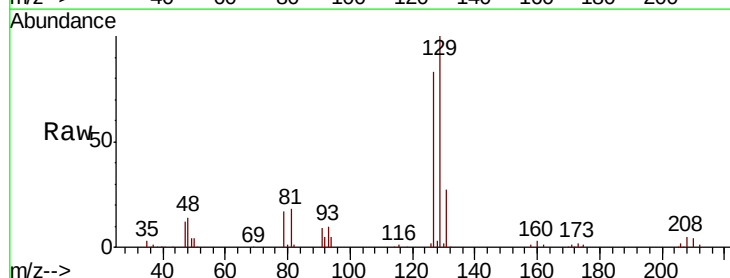
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

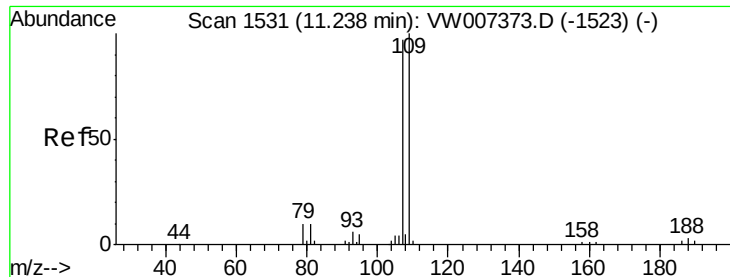
Tgt Ion: 43 Resp: 148325
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3



#60
Dibromochloromethane
Concen: 96.622 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 129 Resp: 81057
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3

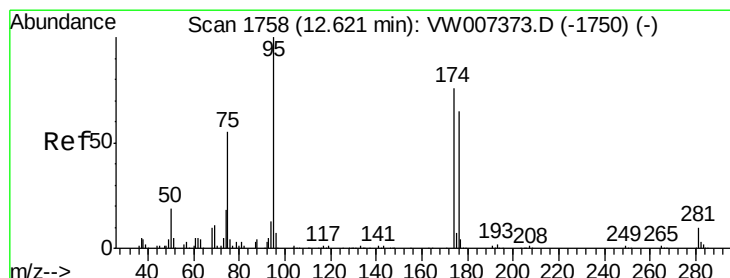
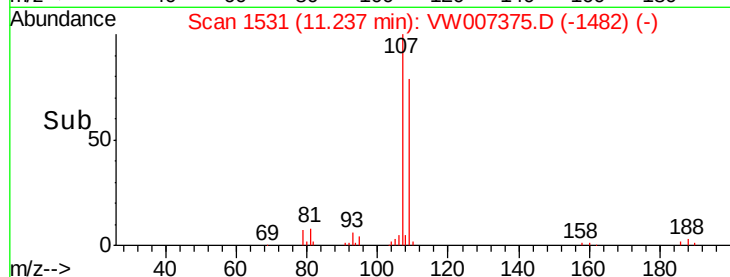
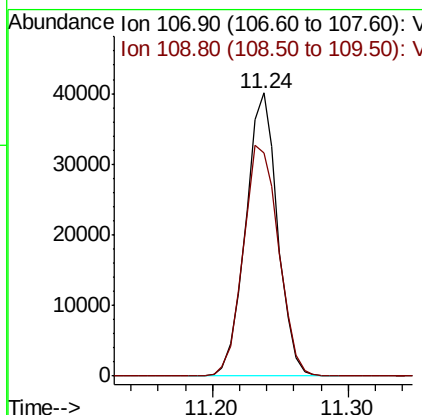
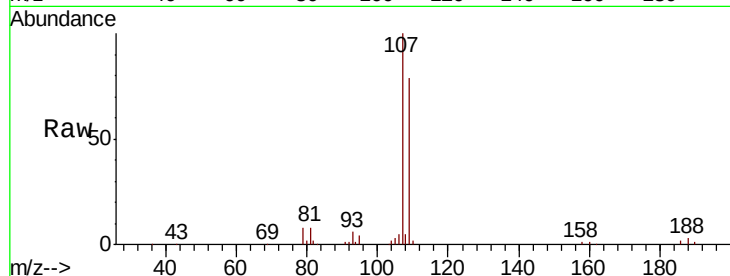




#61
 1,2-Dibromoethane
 Concen: 101.504 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

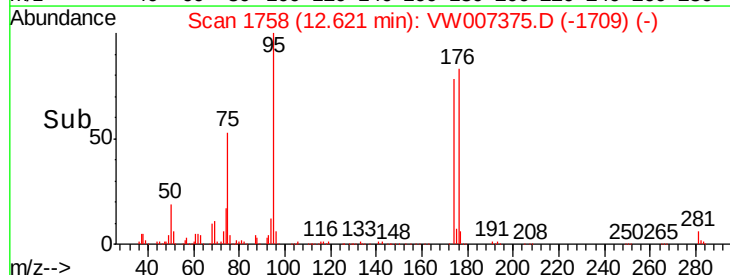
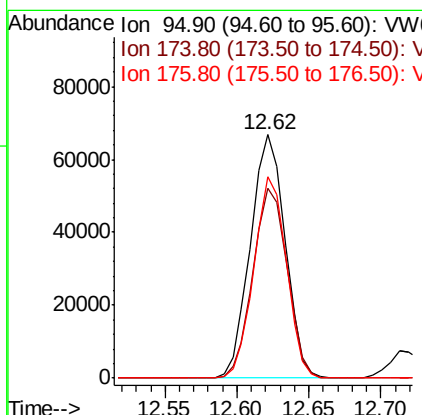
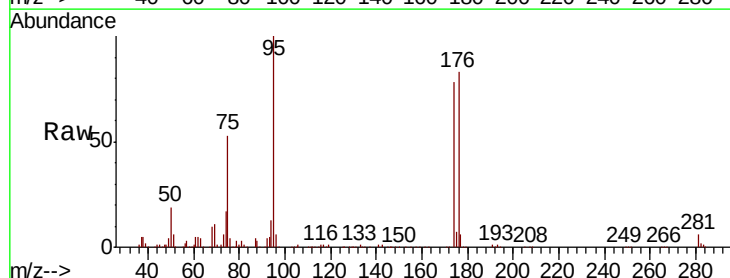
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

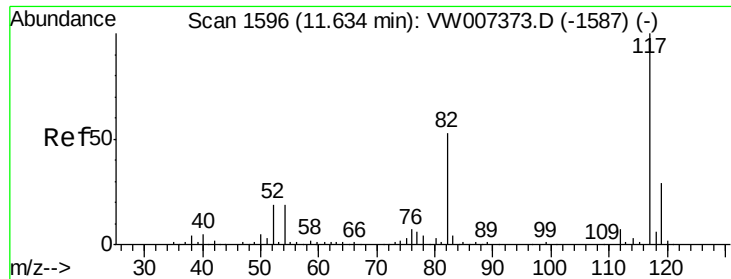
Tgt Ion: 107 Resp: 65638
 Ion Ratio Lower Upper
 107 100
 109 90.3 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 80.435 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 95 Resp: 111309
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 147.2
 176 77.4 0.0 138.8

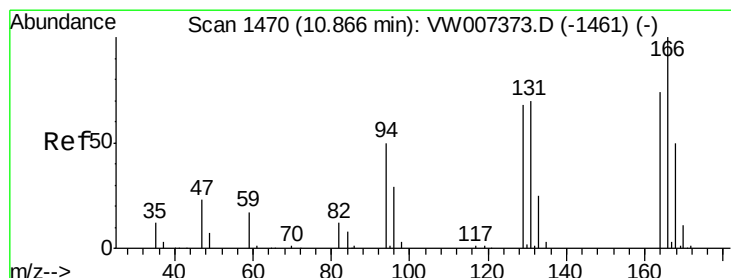
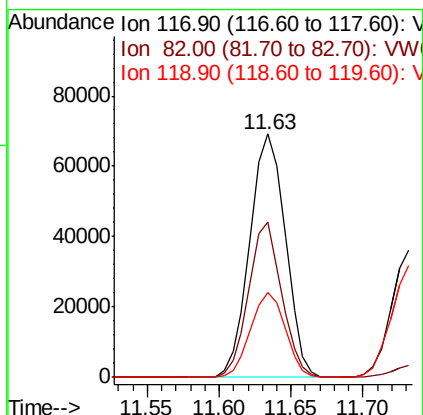
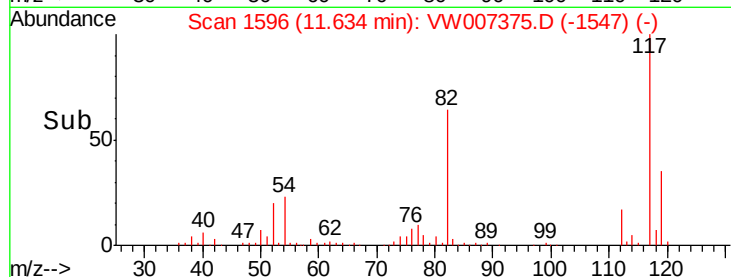
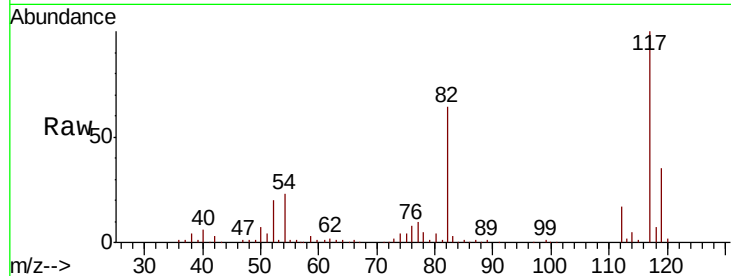




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

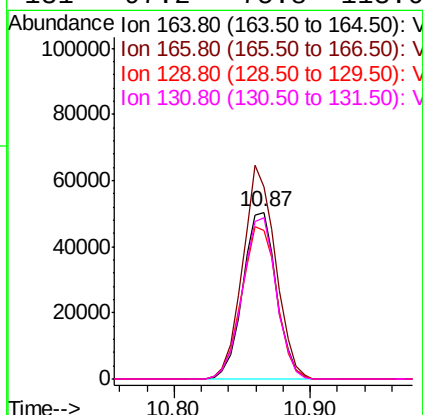
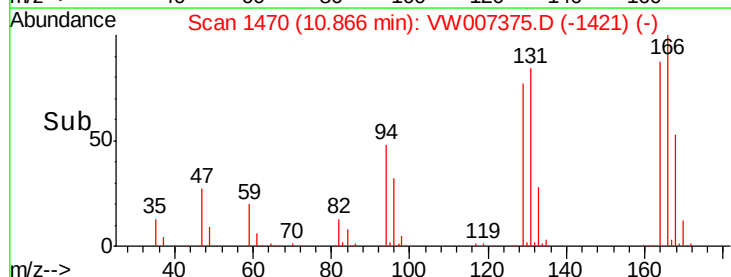
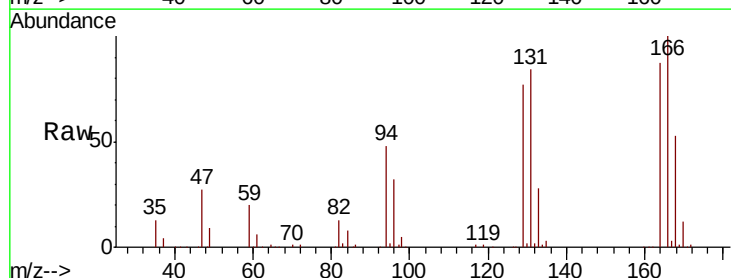
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

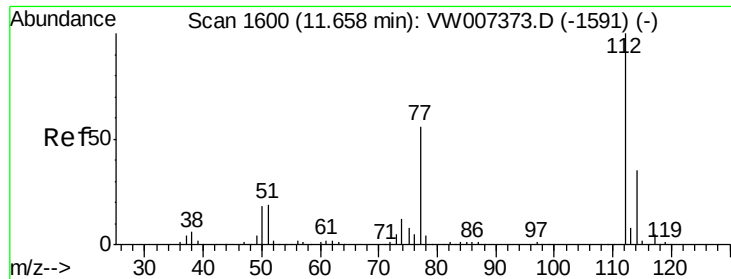
Tgt Ion:117 Resp: 118597
Ion Ratio Lower Upper
117 100
82 64.0 42.3 63.5#
119 35.1 23.0 34.6#



#64
Tetrachloroethene
Concen: 101.909 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:164 Resp: 86814
Ion Ratio Lower Upper
164 100
166 115.3 107.9 161.9
129 89.2 73.4 110.2
131 97.2 75.8 113.6

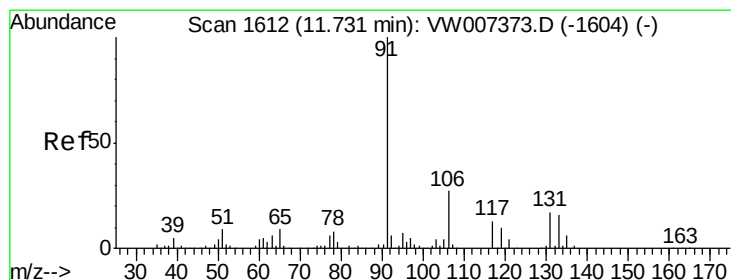
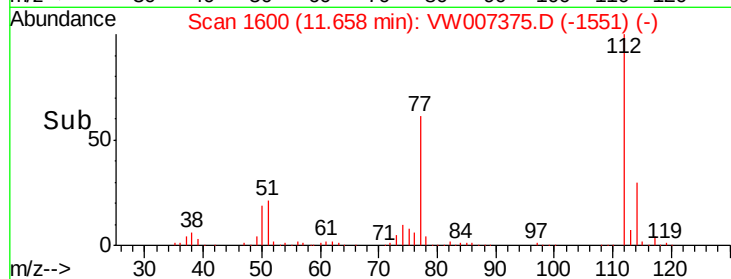
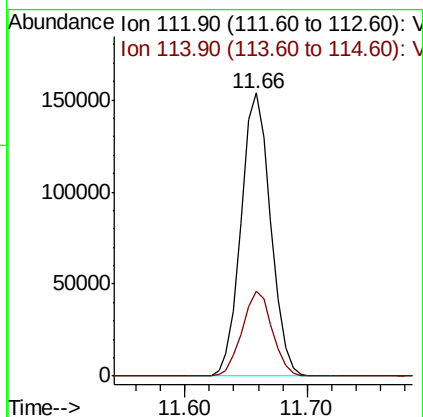
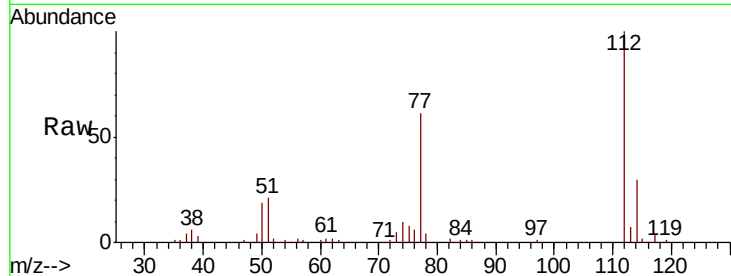




#65
Chlorobenzene
Concen: 99.157 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

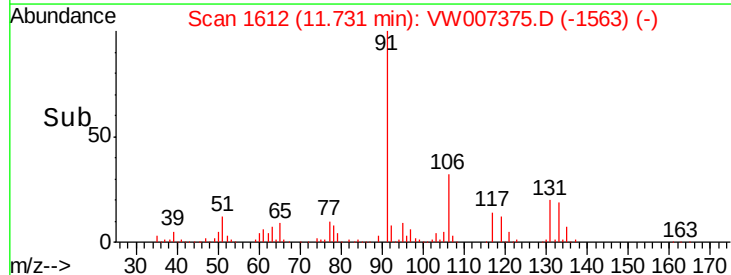
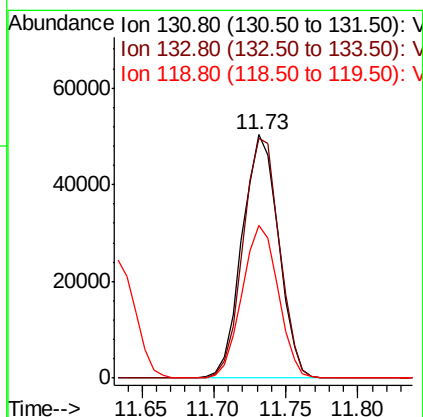
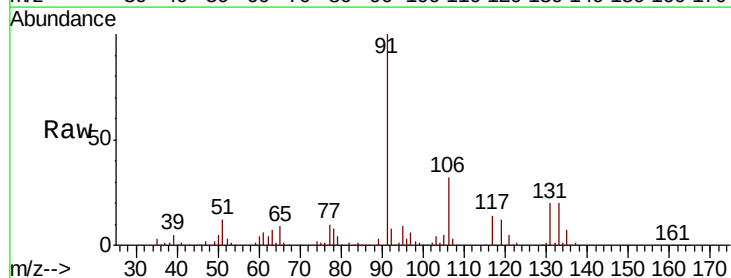
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

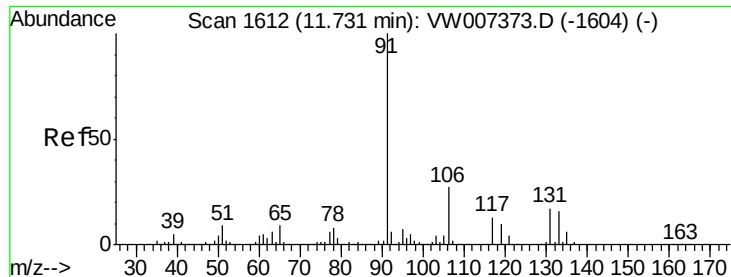
Tgt Ion:112 Resp: 257220
Ion Ratio Lower Upper
112 100
114 30.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 107.652 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:131 Resp: 88157
Ion Ratio Lower Upper
131 100
133 98.0 47.1 141.4
119 62.3 31.3 93.9

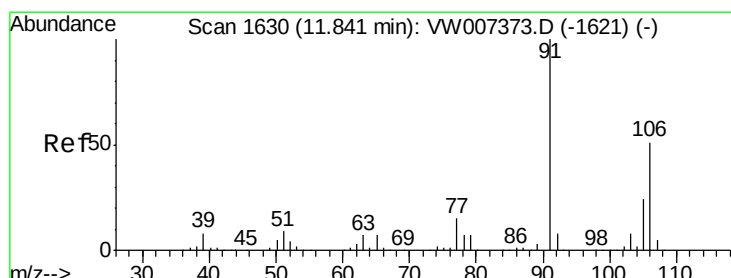
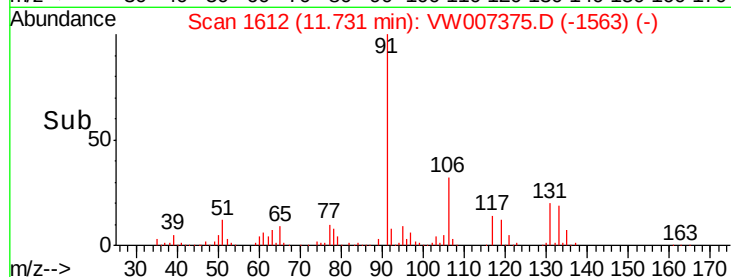
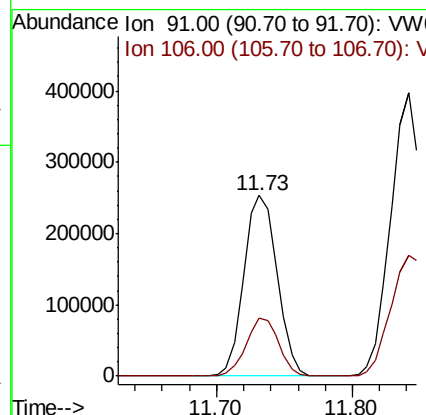
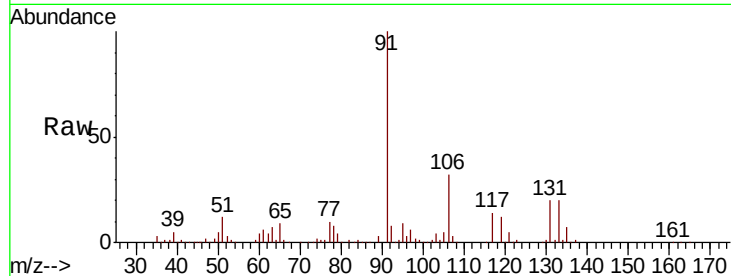




#67
Ethyl Benzene
Concen: 91.848 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

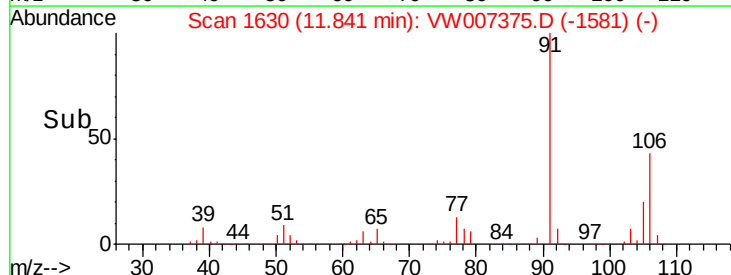
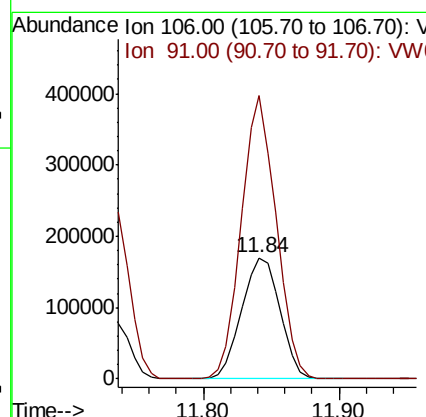
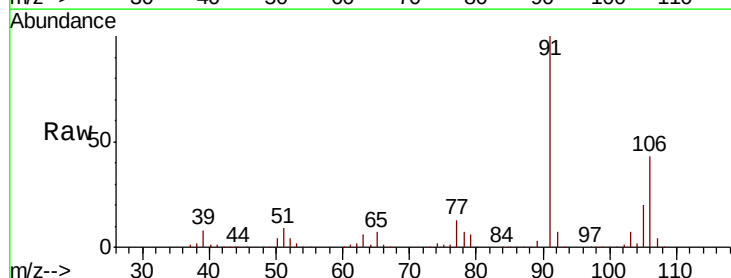
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

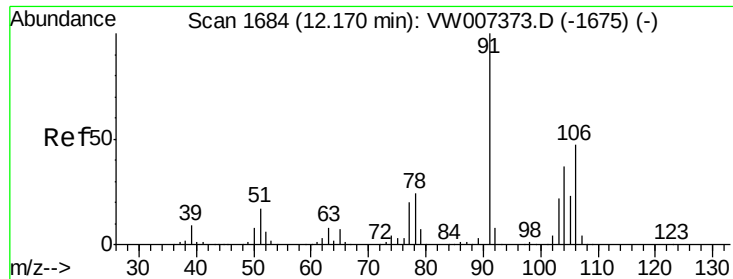
Tgt Ion: 91 Resp: 433372
Ion Ratio Lower Upper
91 100
106 32.1 21.8 32.8



#68
m/p-Xylenes
Concen: 181.839 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 106 Resp: 334516
Ion Ratio Lower Upper
106 100
91 212.5 165.3 247.9

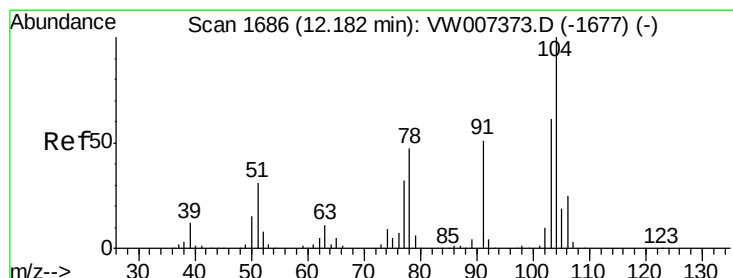
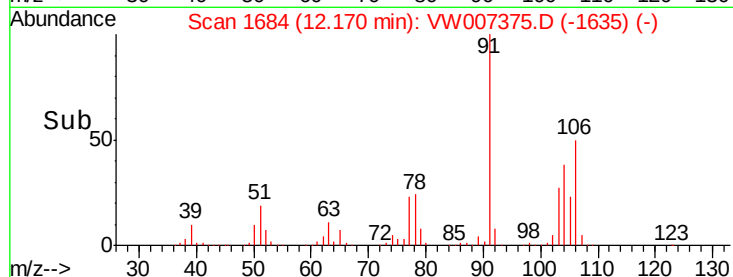
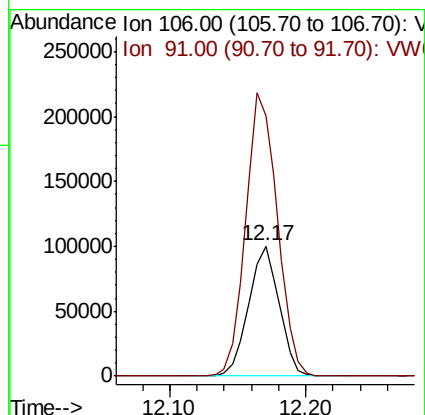
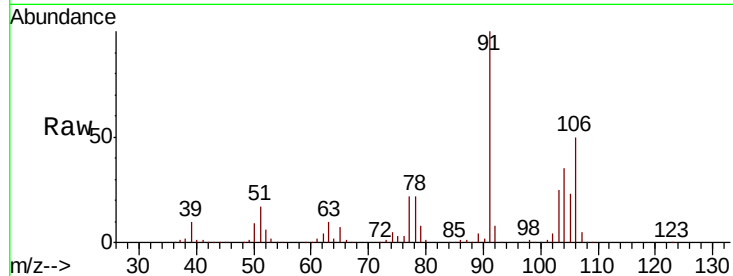




#69
o-Xylene
Concen: 91.044 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

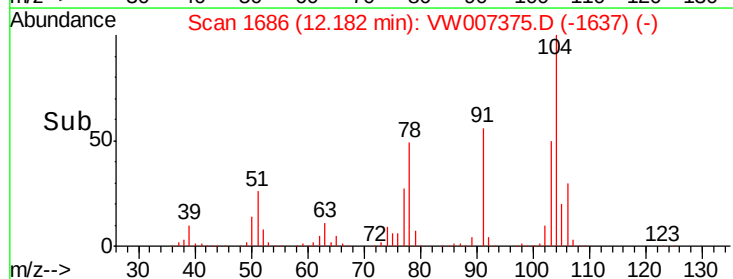
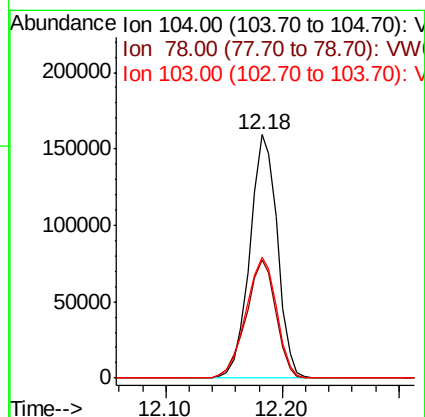
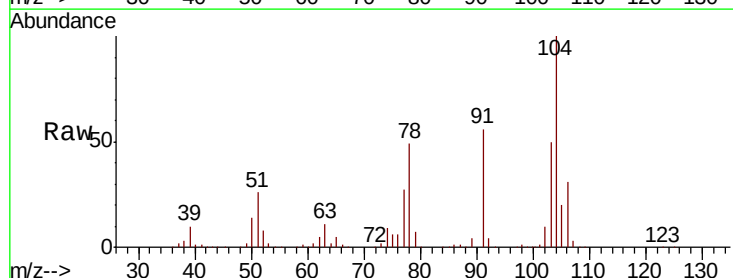
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

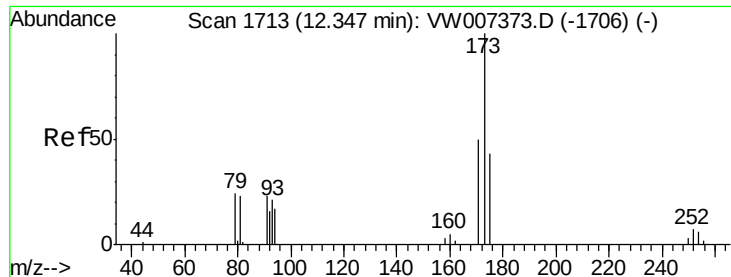
Tgt Ion:106 Resp: 157774
Ion Ratio Lower Upper
106 100
91 225.5 106.6 319.8



#70
Styrene
Concen: 93.237 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:104 Resp: 262445
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 55.4 46.6 69.8

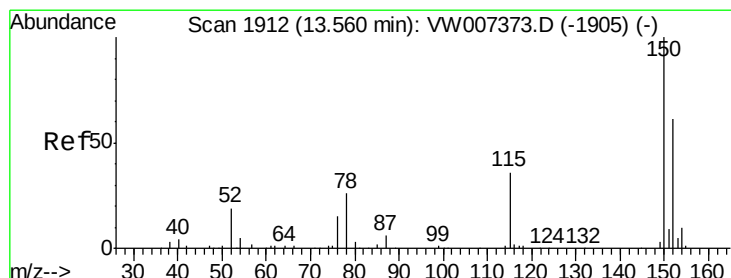
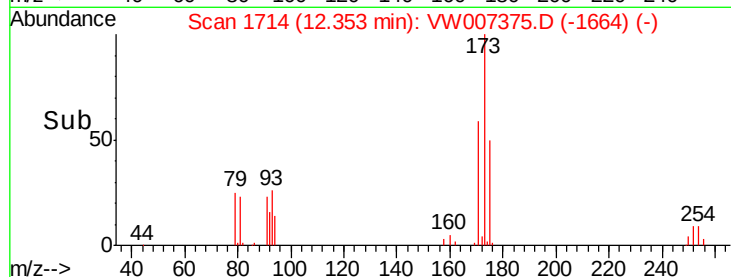
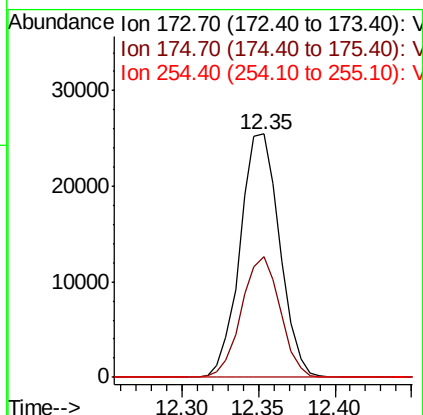
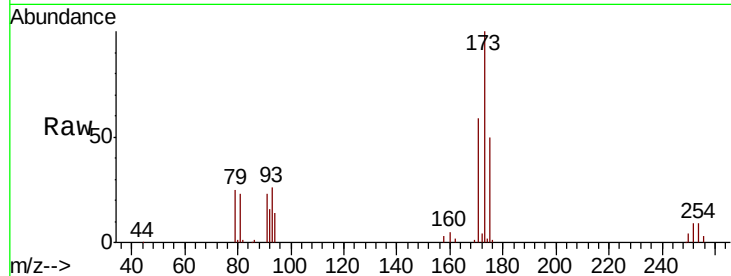




#71
Bromoform
Concen: 111.788 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

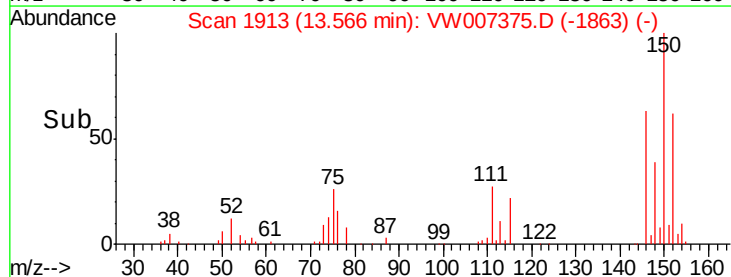
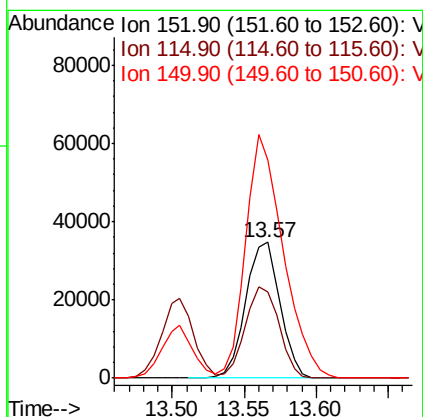
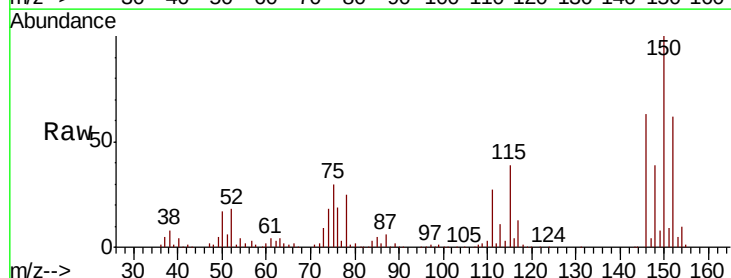
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

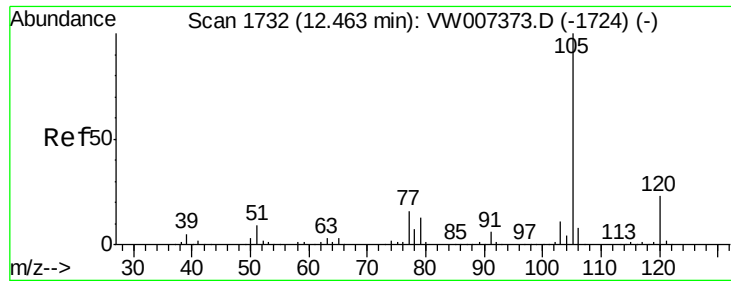
Tgt Ion:173 Resp: 45705
Ion Ratio Lower Upper
173 100
175 48.7 23.6 70.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:152 Resp: 57146
Ion Ratio Lower Upper
152 100
115 66.3 31.4 94.2
150 196.8 0.0 358.4





#73

Isopropylbenzene

Concen: 102.169 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

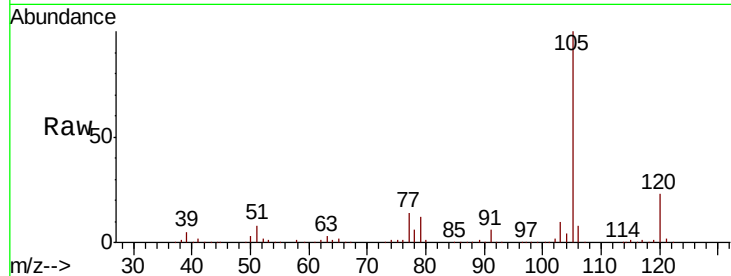
VSTDIC100

Tgt Ion:105 Resp: 466986

Ion Ratio Lower Upper

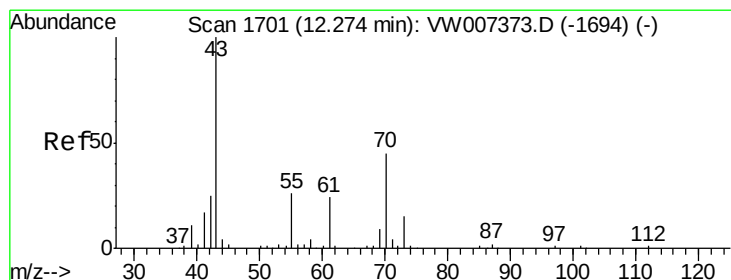
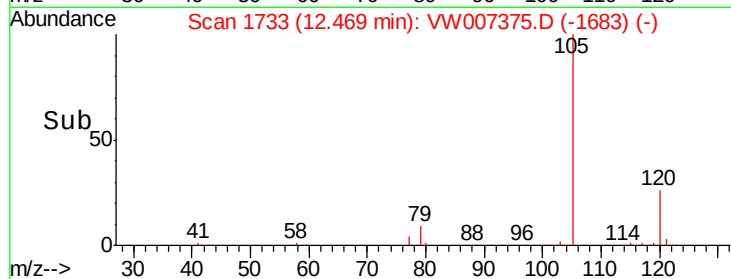
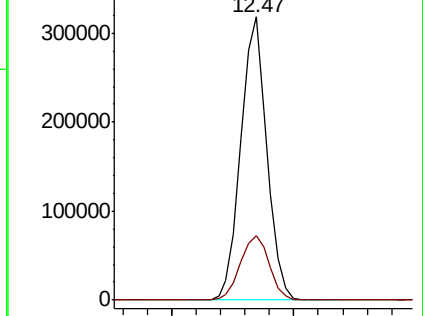
105 100

120 25.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 108.842 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 87658

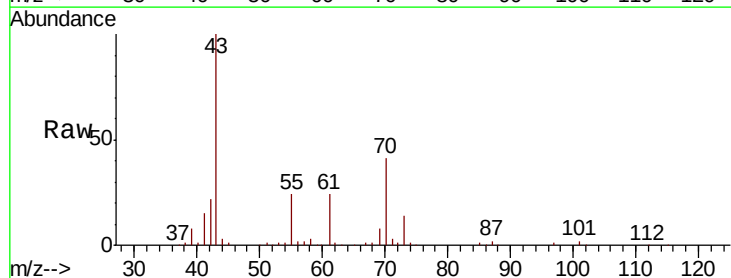
Ion Ratio Lower Upper

43 100

70 43.3 36.5 54.7

55 25.5 20.1 30.1

61 24.4 19.3 28.9

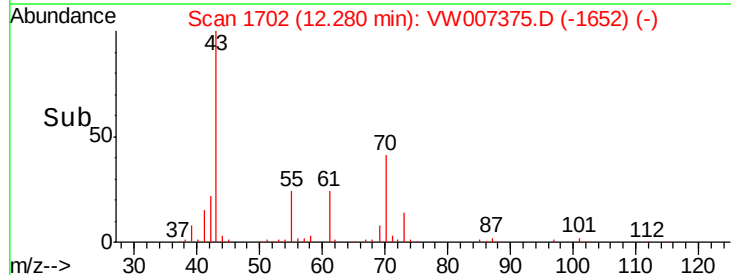
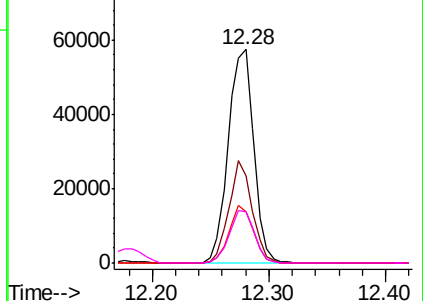


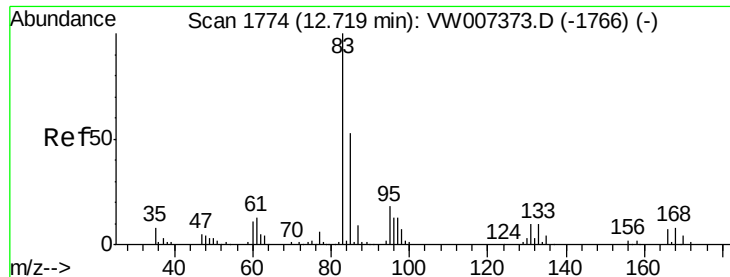
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 104.324 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

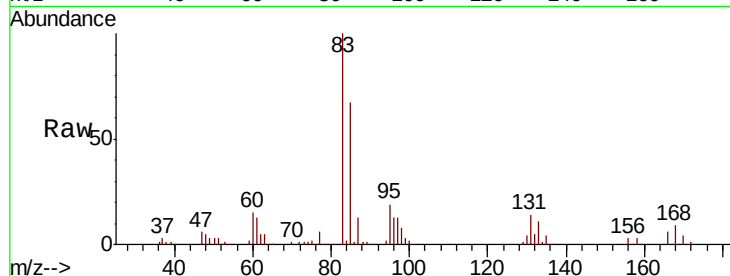
Tgt Ion: 83 Resp: 63942

Ion Ratio Lower Upper

83 100

131 13.2 5.9 17.8

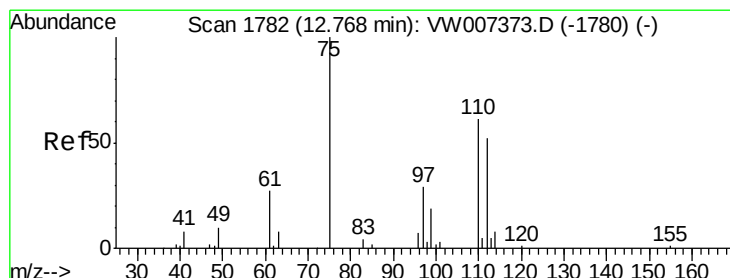
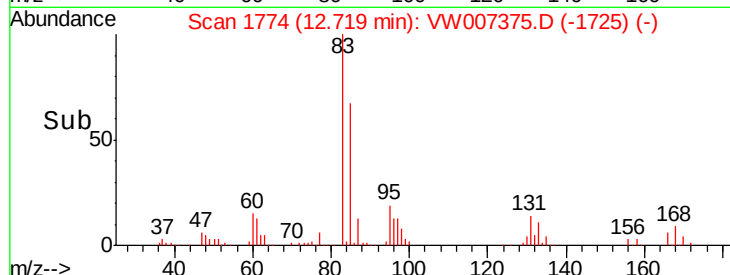
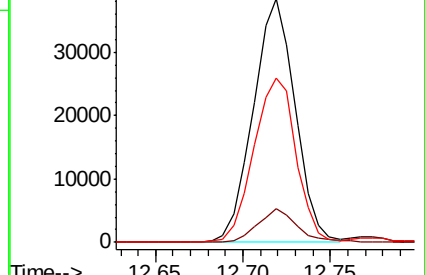
85 68.2 30.0 90.0



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: 204.361 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007375.D

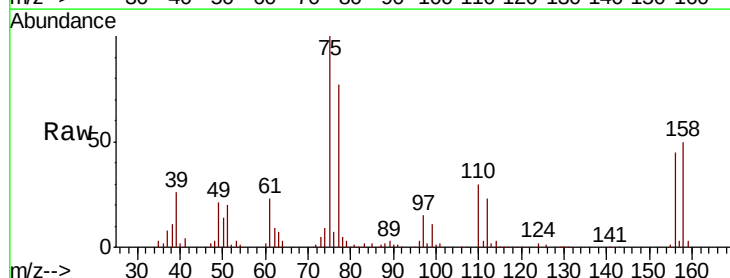
Acq: 11 Dec 2018 00:57

Tgt Ion: 75 Resp: 95202

Ion Ratio Lower Upper

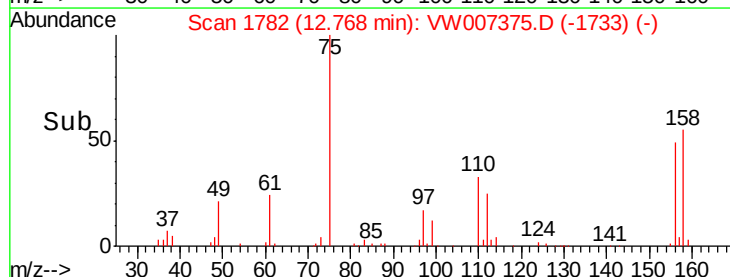
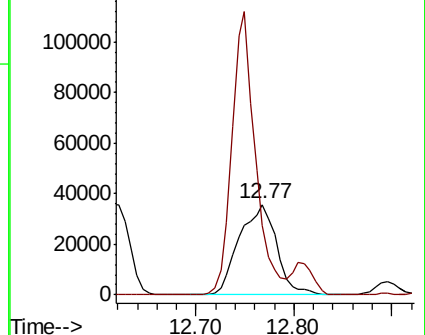
75 100

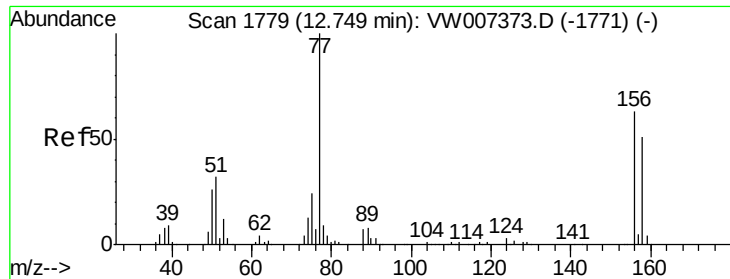
77 197.1 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

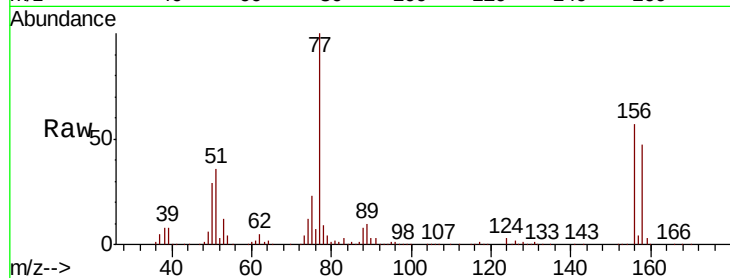




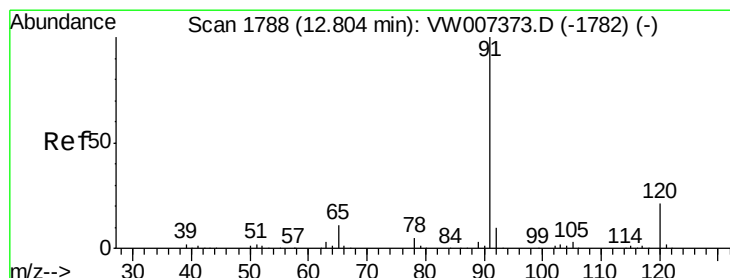
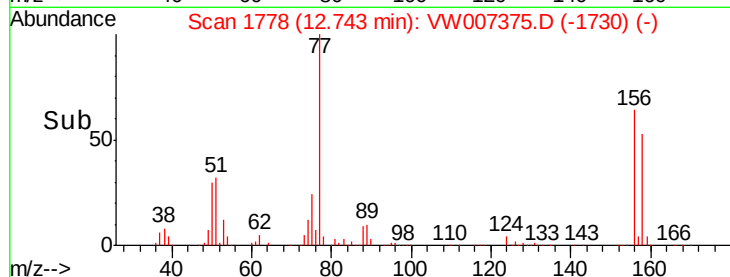
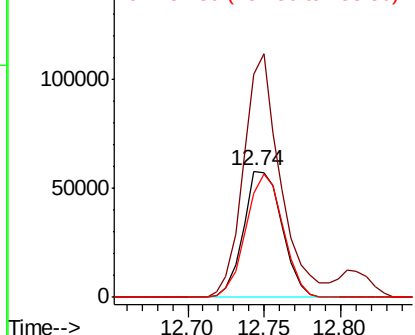
#77
Bromobenzene
Concen: 100.993 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 156 Resp: 101345
Ion Ratio Lower Upper
156 100
77 185.2 88.1 264.4
158 94.8 45.6 136.7

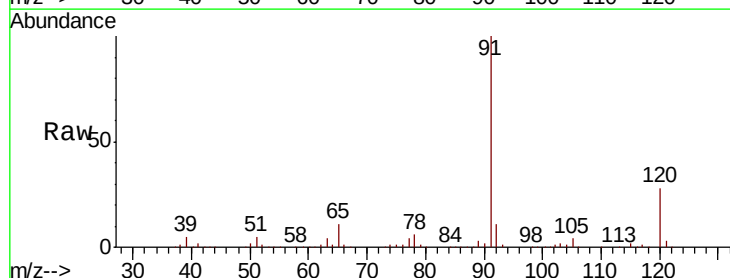


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

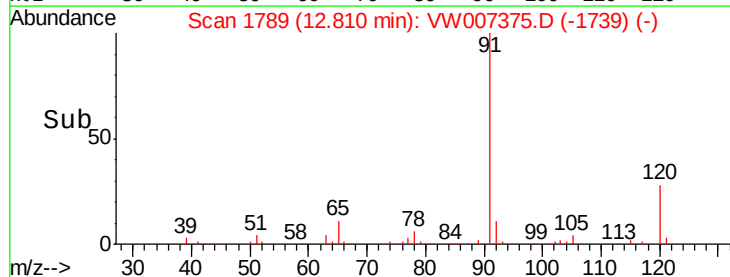
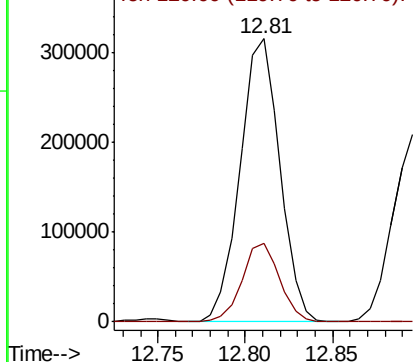


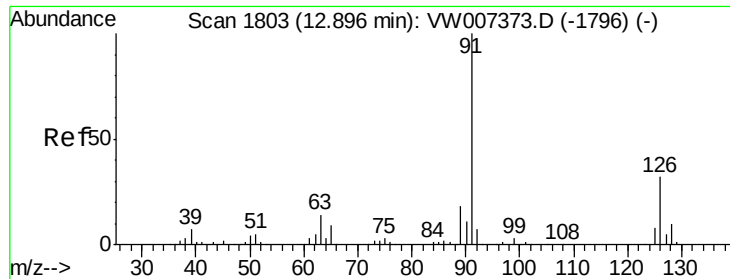
#78
n-propylbenzene
Concen: 90.783 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 91 Resp: 498340
Ion Ratio Lower Upper
91 100
120 26.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

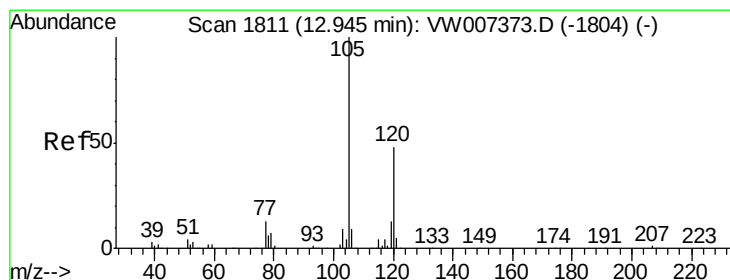
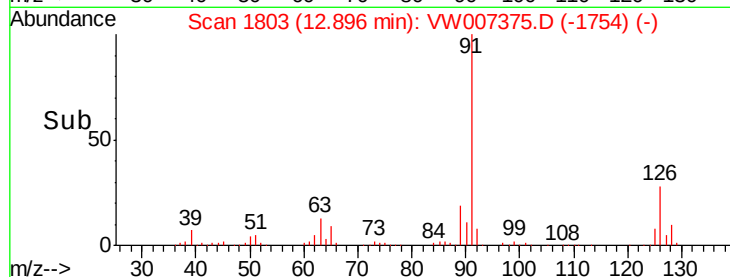
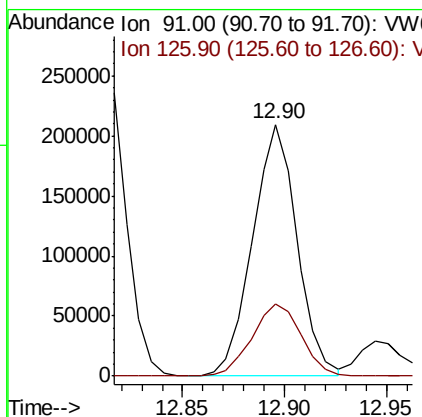
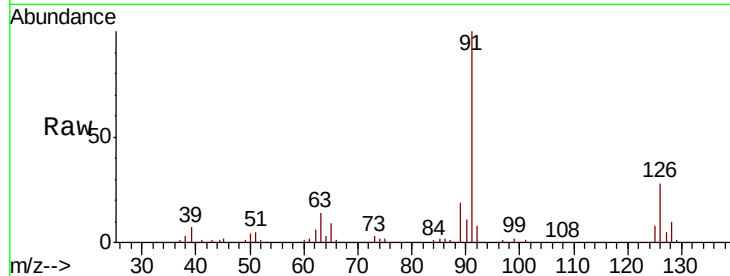




#79
 2-Chlorotoluene
 Concen: 101.914 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

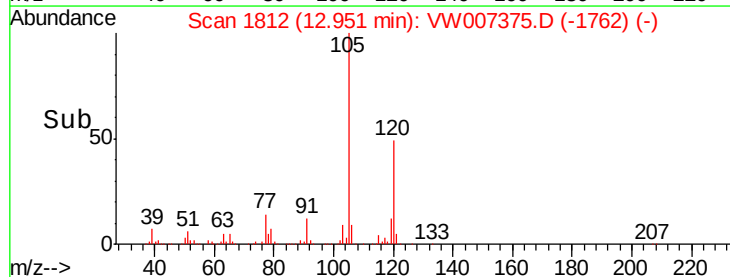
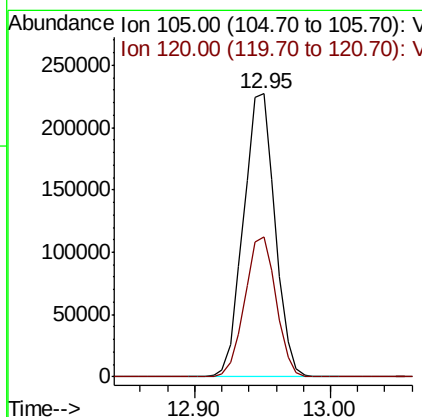
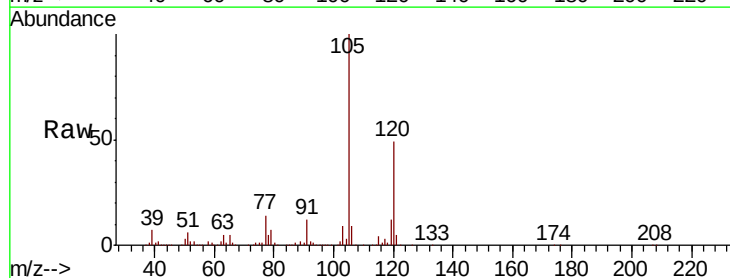
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

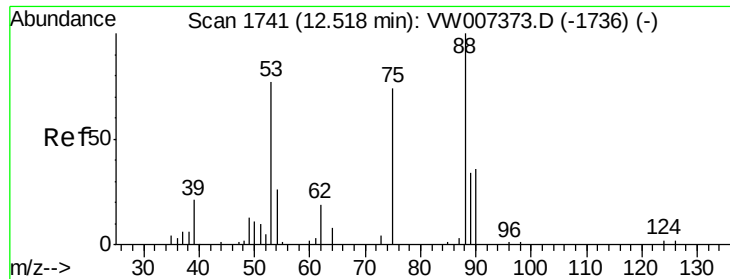
Tgt Ion: 91 Resp: 317388
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 94.024 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 105 Resp: 367986
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.8 71.4

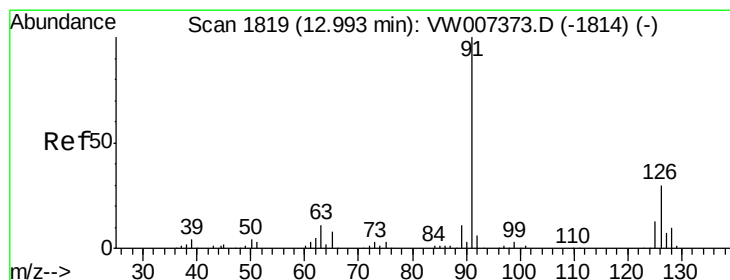
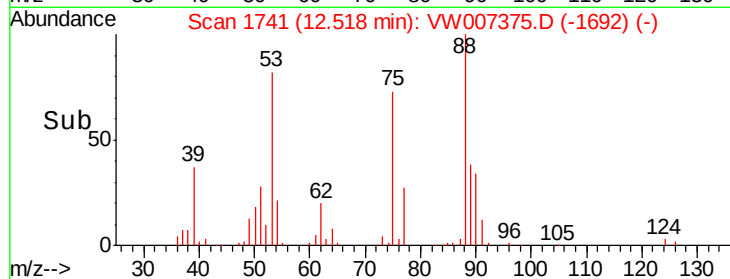
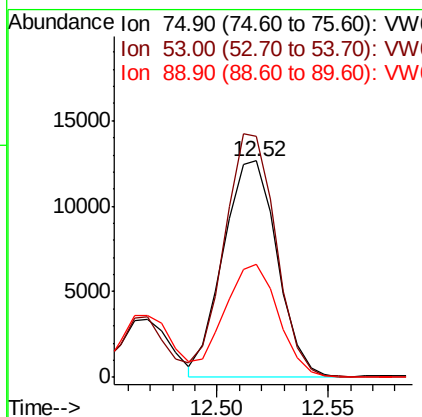
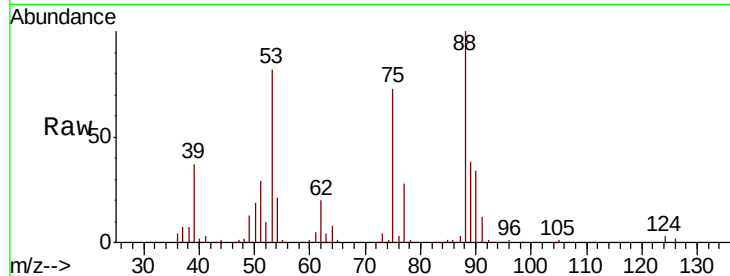




#81
trans-1,4-Dichloro-2-butene
Concen: 105.567 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

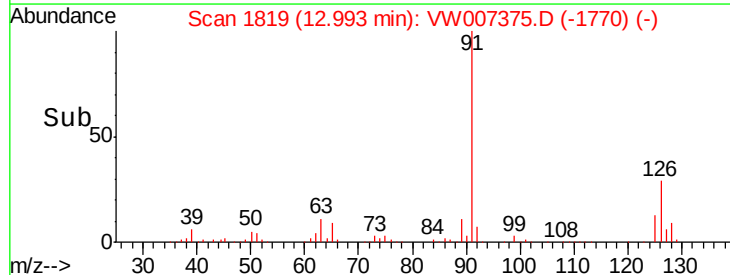
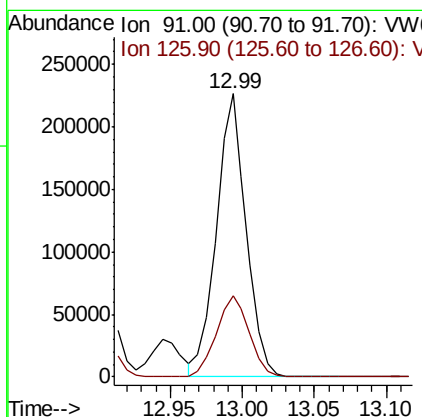
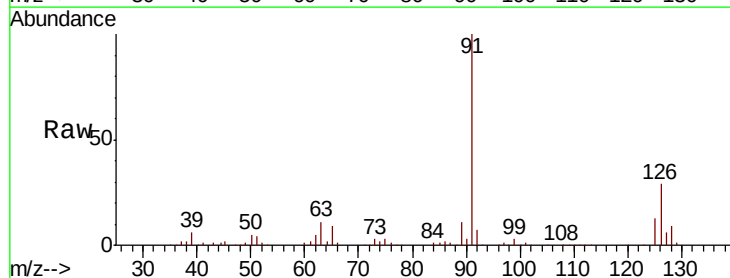
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

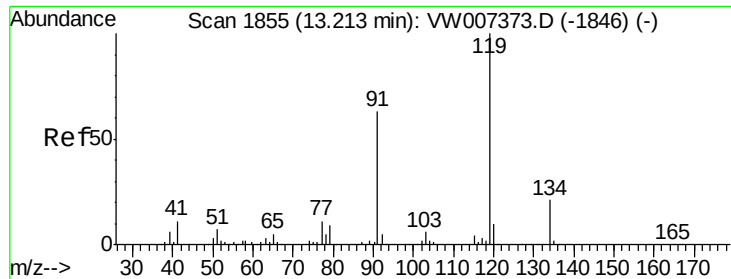
Tgt Ion: 75 Resp: 21393
Ion Ratio Lower Upper
75 100
53 107.2 84.9 127.3
89 52.6 40.3 60.5



#82
4-Chlorotoluene
Concen: 98.285 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 91 Resp: 325706
Ion Ratio Lower Upper
91 100
126 31.7 16.0 48.0

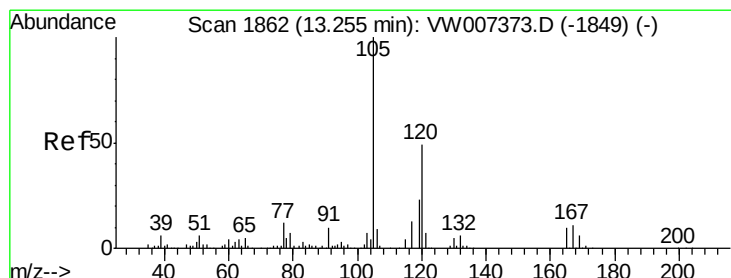
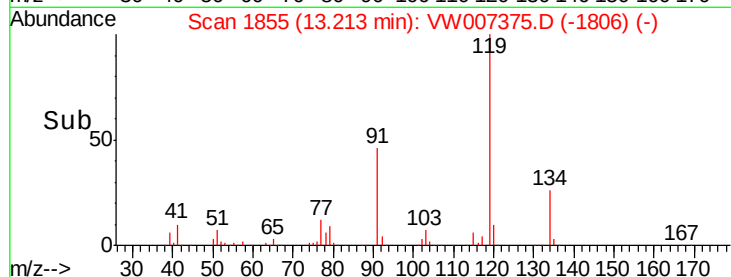
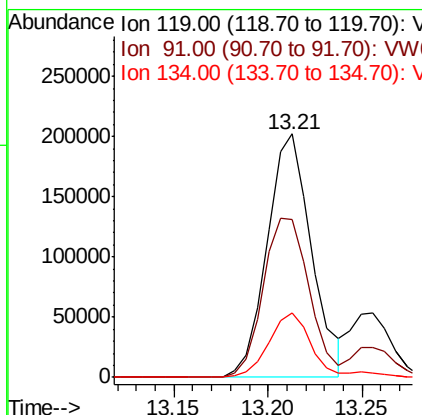
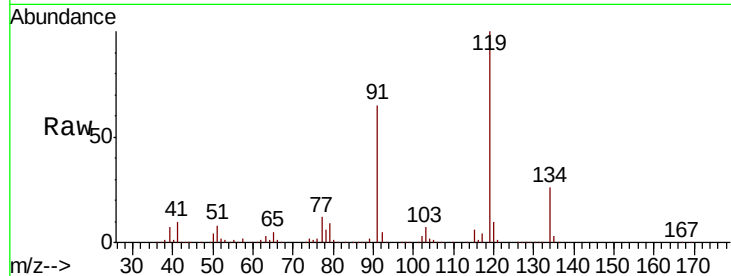




#83
 tert-Butylbenzene
 Concen: 95.597 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

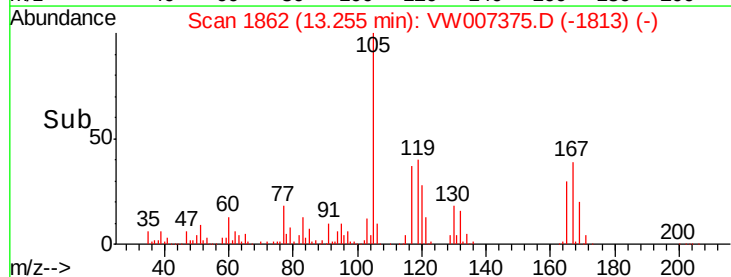
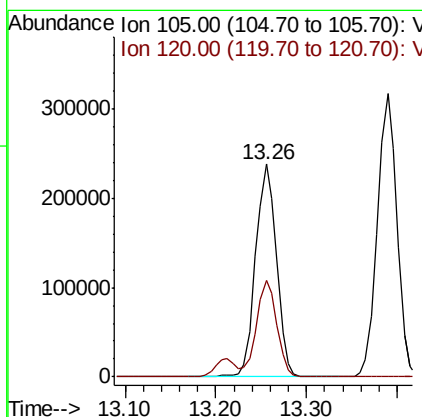
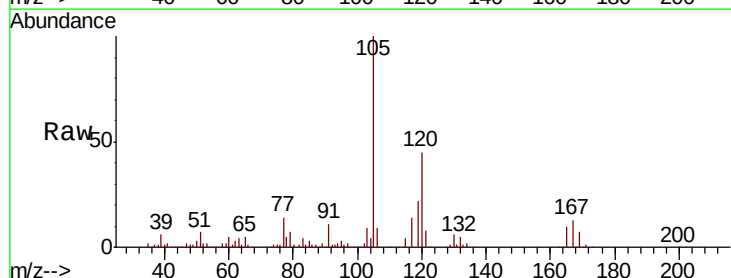
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

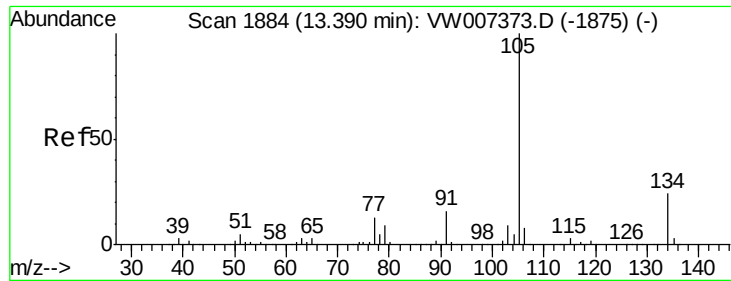
Tgt Ion:119 Resp: 330292
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.1 99.2
 134 24.9 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 94.721 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:105 Resp: 379358
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 97.313 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

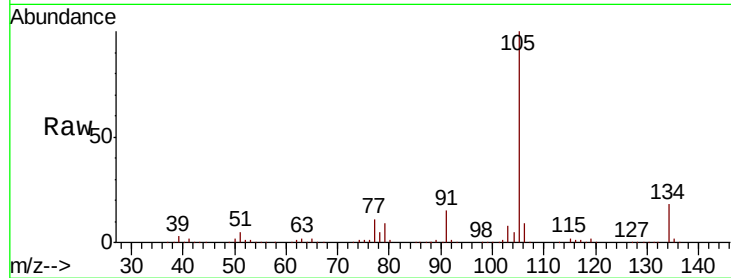
VSTDIC100

Tgt Ion:105 Resp: 473933

Ion Ratio Lower Upper

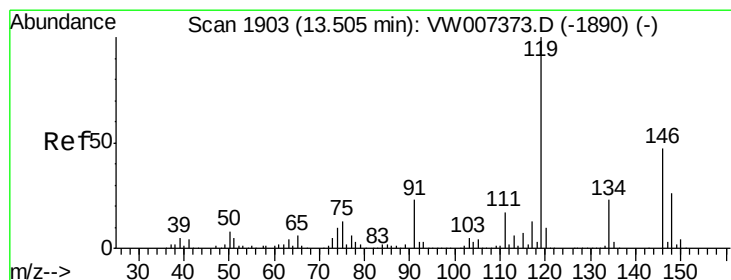
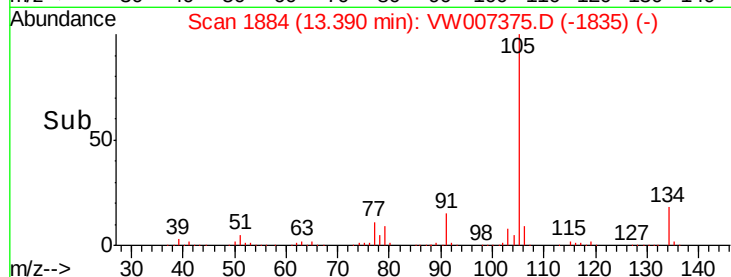
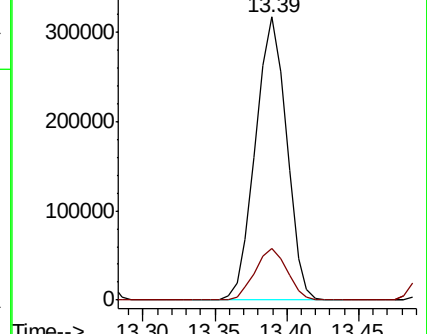
105 100

134 18.8 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 92.467 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

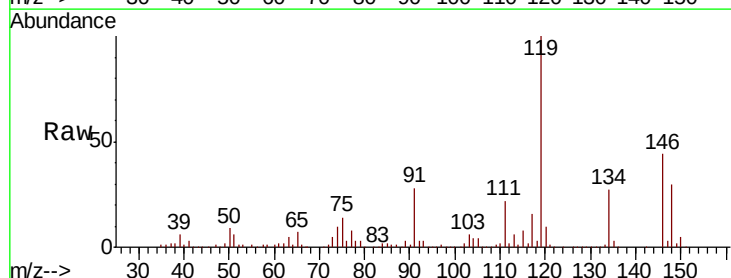
Tgt Ion:119 Resp: 404998

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

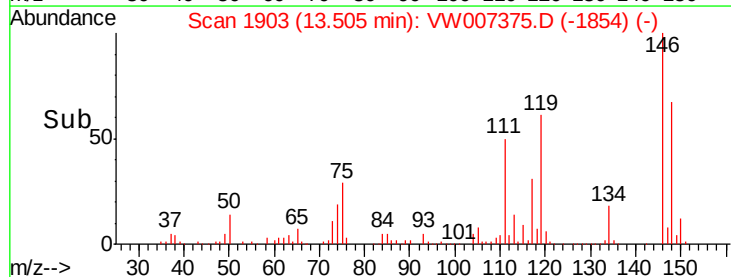
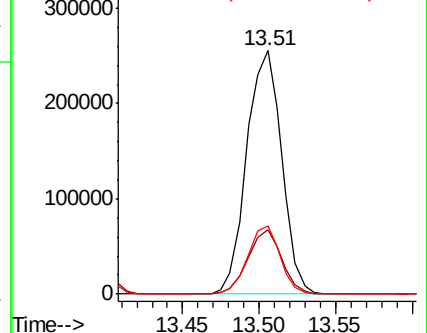
91 26.2 11.9 35.9

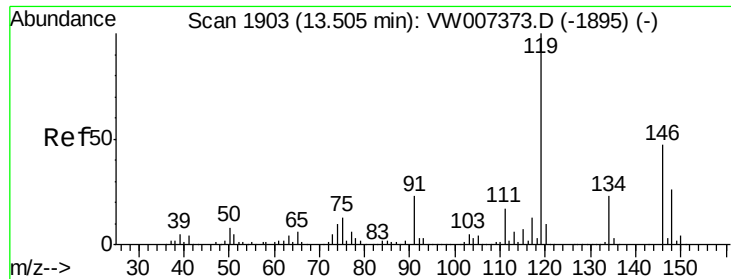


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

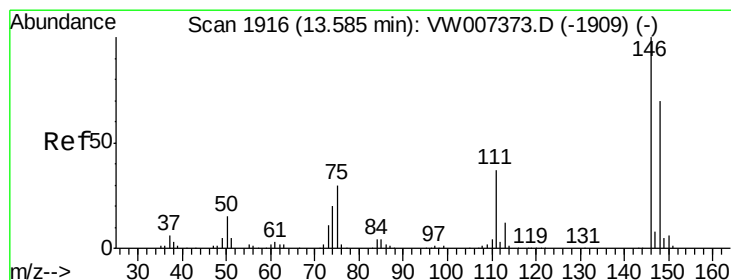
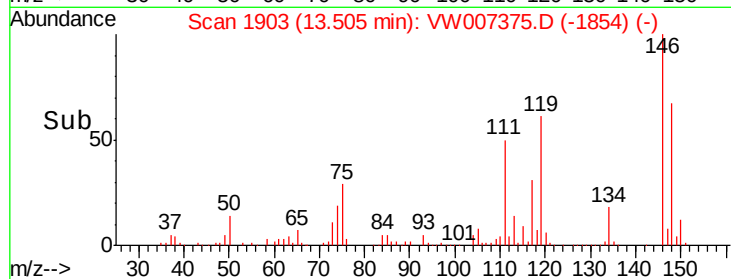
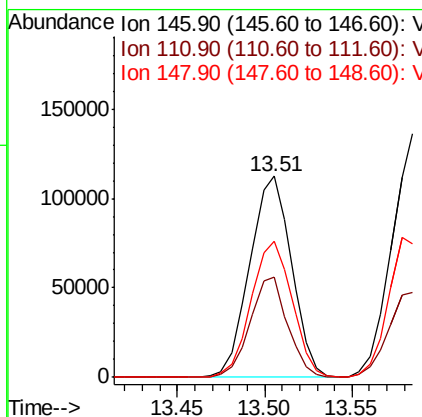
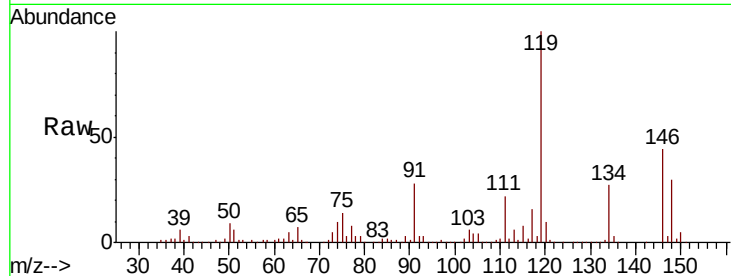




#87
 1,3-Dichlorobenzene
 Concen: 91.192 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

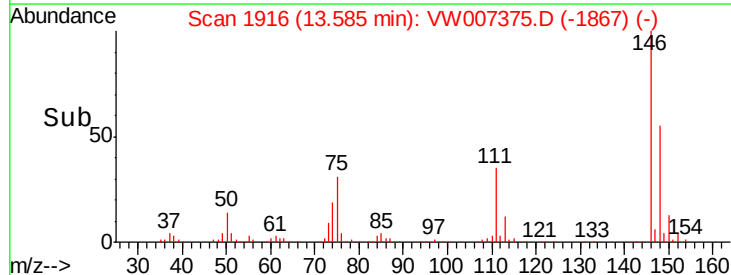
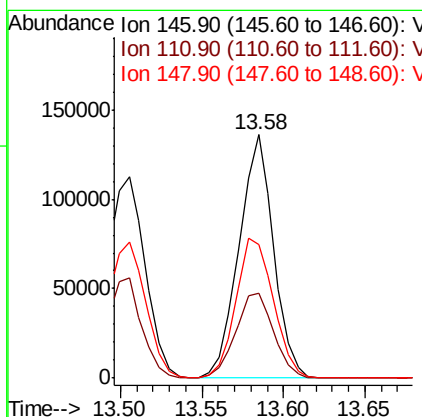
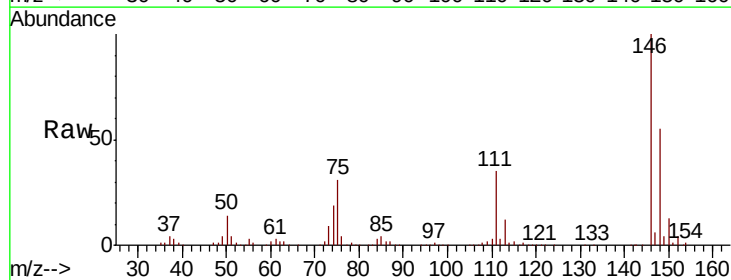
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

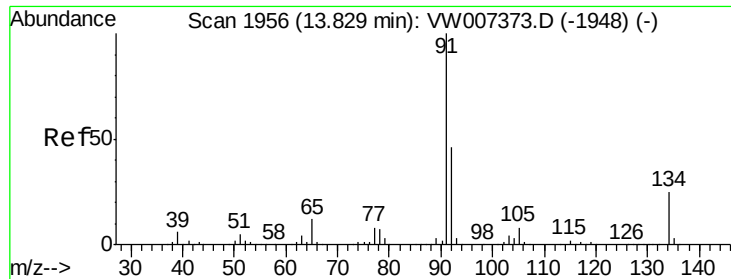
Tgt Ion:146 Resp: 187065
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.1 60.3
 148 65.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 97.869 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:146 Resp: 200766
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.3 61.0
 148 62.4 33.5 100.5





#89

n-Butylbenzene

Concen: 94.687 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

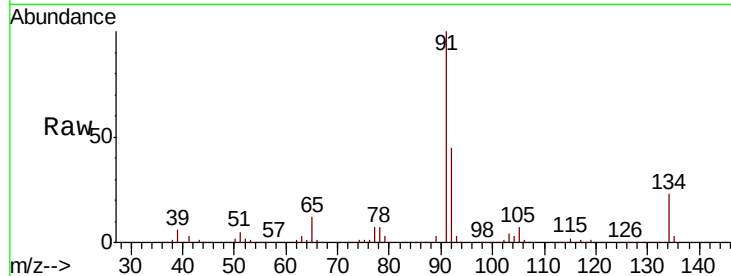
Tgt Ion: 91 Resp: 385317

Ion Ratio Lower Upper

91 100

92 51.8 25.7 77.1

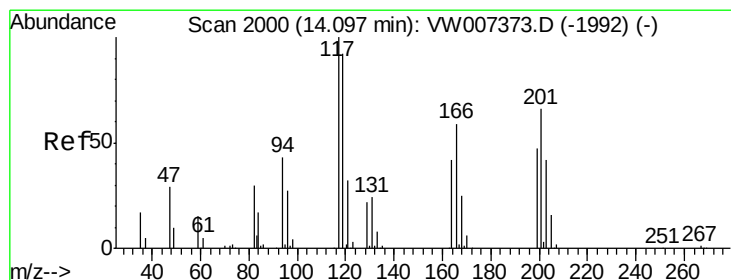
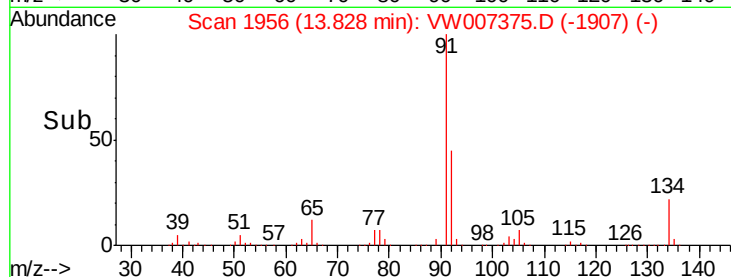
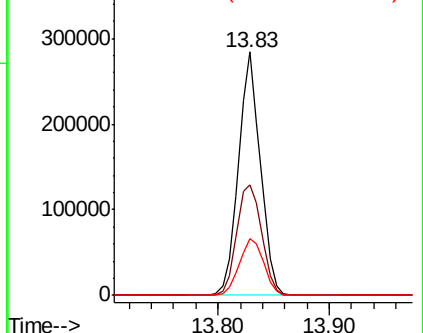
134 25.9 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 113.341 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007375.D

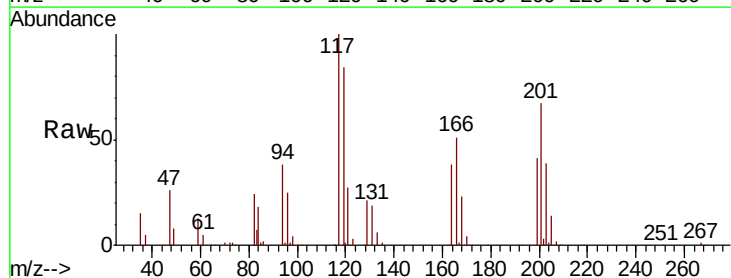
Acq: 11 Dec 2018 00:57

Tgt Ion: 117 Resp: 76457

Ion Ratio Lower Upper

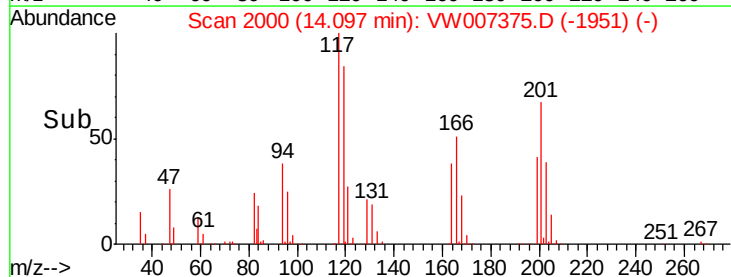
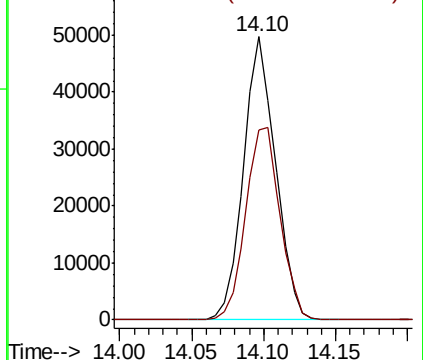
117 100

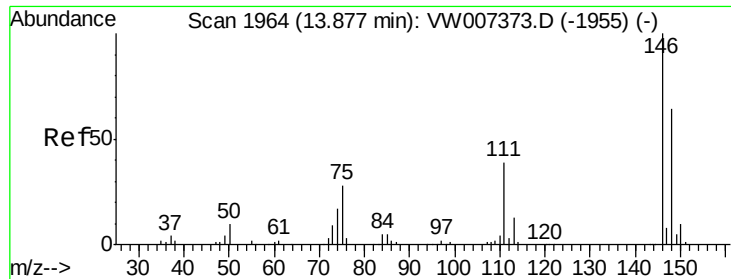
201 73.0 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

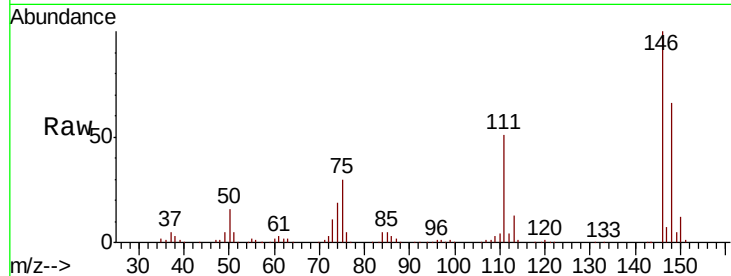




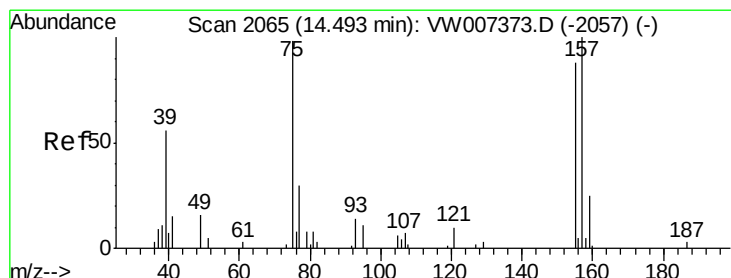
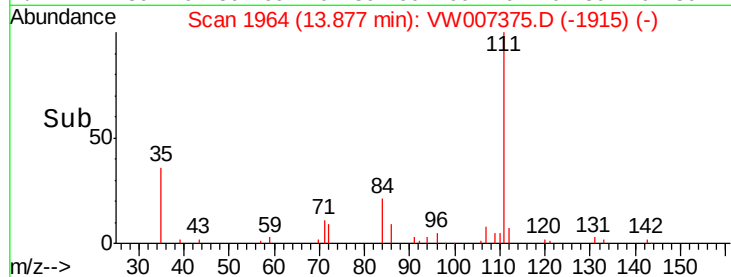
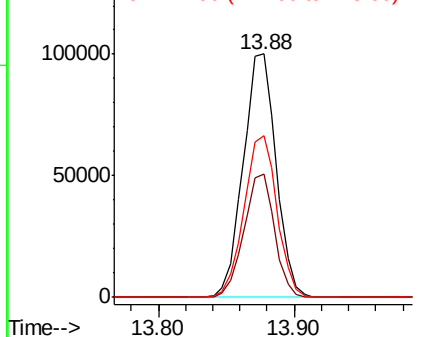
#91
 1,2-Dichlorobenzene
 Concen: 96.215 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 169566
 Ion Ratio Lower Upper
 146 100
 111 47.1 22.4 67.2
 148 66.5 32.4 97.2

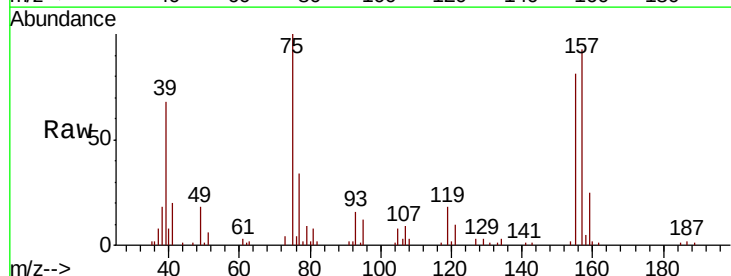


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

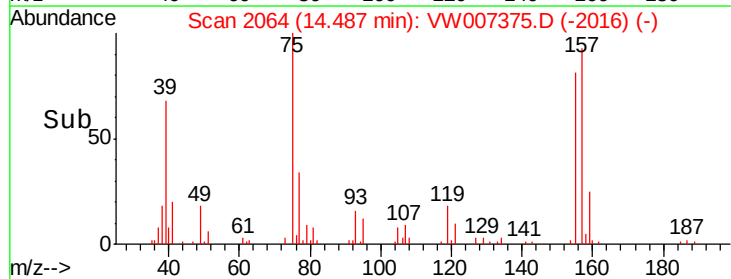
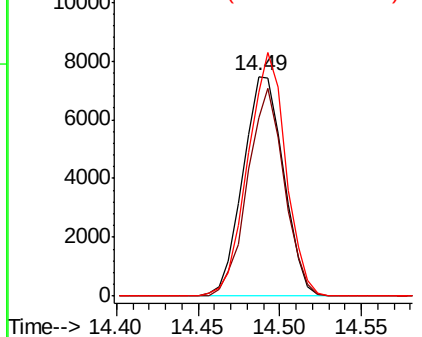


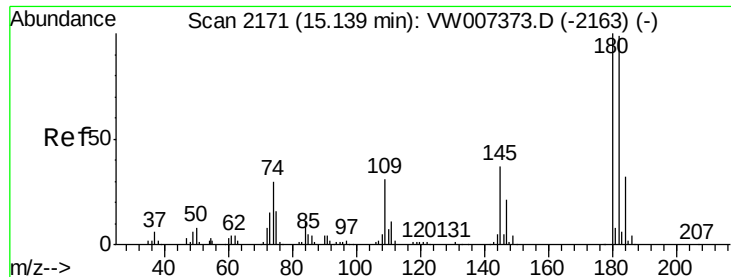
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.171 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 75 Resp: 12952
 Ion Ratio Lower Upper
 75 100
 155 85.8 40.8 122.2
 157 103.5 51.1 153.4



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

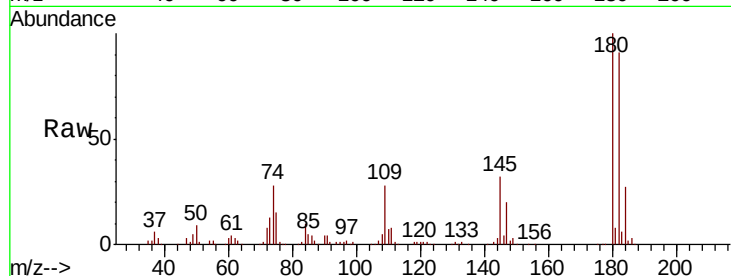




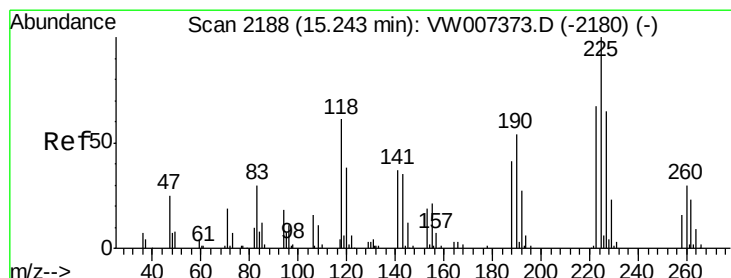
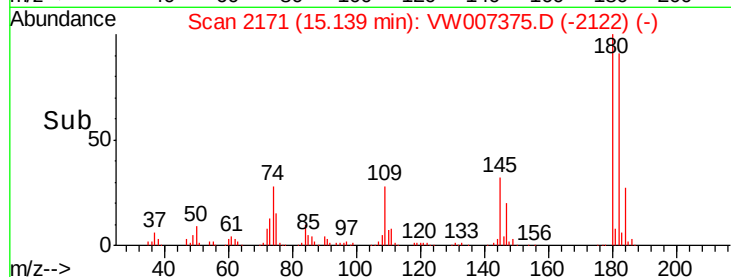
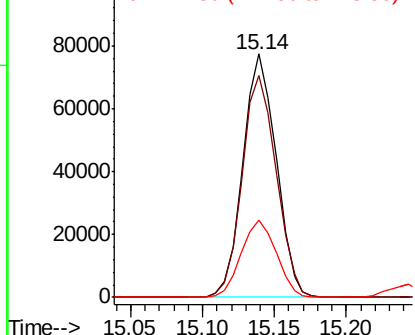
#93
1,2,4-Trichlorobenzene
Concen: 101.422 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	49.9	149.6
145	33.5	17.8	53.4

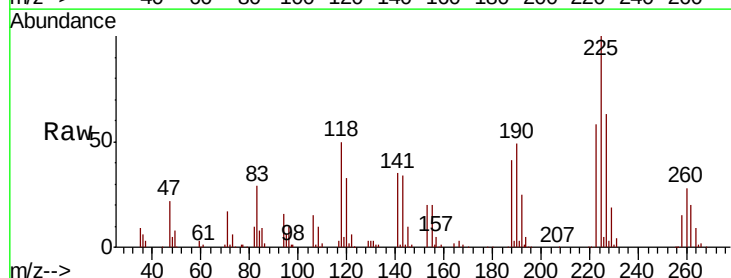


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

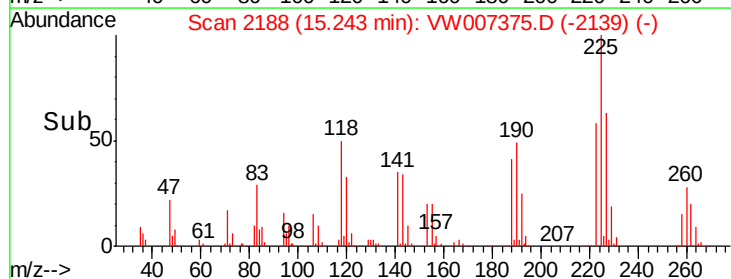
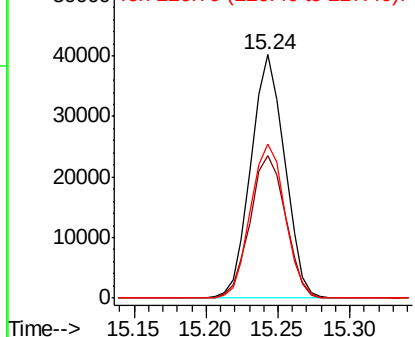


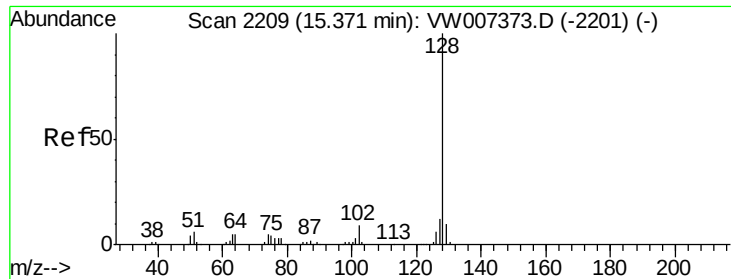
#94
Hexachlorobutadiene
Concen: 98.734 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.1	96.3
227	64.6	31.9	95.9



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

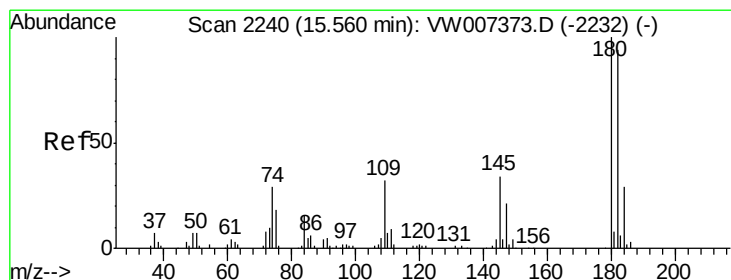
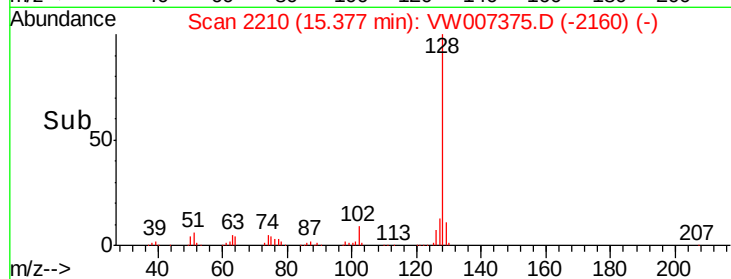
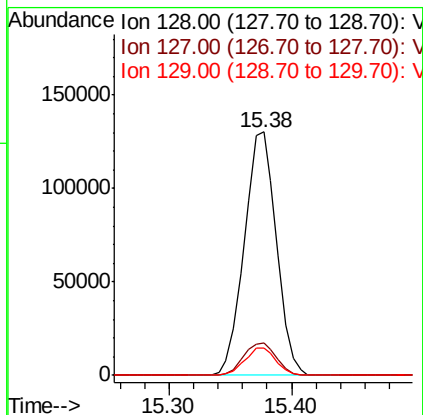
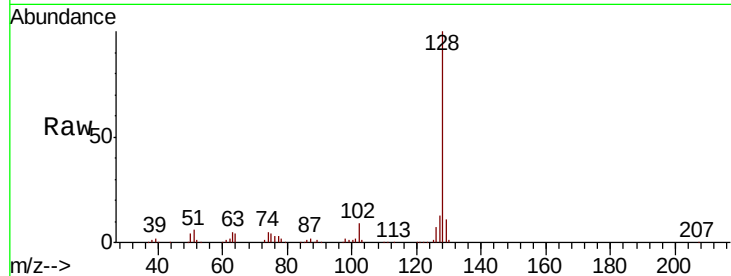




#95
Naphthalene
Concen: 106.871 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 237560
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.0 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 101.041 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:180 Resp: 105678
Ion Ratio Lower Upper
180 100
182 94.0 45.6 136.7
145 36.8 17.5 52.5

