

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007374.D
 Acq On : 11 Dec 2018 00:31
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Dec 11 01:38:28 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	86960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65213	77.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.72%	
35) Dibromofluoromethane	7.88	113	60680	71.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.18%	
50) Toluene-d8	10.32	98	228612	62.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.90%	
62) 4-Bromofluorobenzene	12.62	95	82946	60.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39842	44.484	ug/l	99
3) Chloromethane	2.21	50	33592	30.699	ug/l	96
4) Vinyl Chloride	2.37	62	40965	56.534	ug/l	96
5) Bromomethane	2.78	94	27624	72.831	ug/l	97
6) Chloroethane	2.93	64	23018	56.349	ug/l	100
7) Trichlorofluoromethane	3.26	101	38698	29.281	ug/l	100
8) Diethyl Ether	3.68	74	29172	70.244	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61135	68.705	ug/l	99
10) Methyl Iodide	4.26	142	101872	115.792	ug/l	98
11) Tert butyl alcohol	5.17	59	21472	231.100	ug/l	98
12) 1,1-Dichloroethene	4.03	96	59466	70.868	ug/l	96
13) Acrolein	3.89	56	13660	250.748	ug/l	99
14) Allyl chloride	4.67	41	88210	66.680	ug/l	99
15) Acrylonitrile	5.37	53	62329	364.515	ug/l	98
16) Acetone	4.12	43	56772	308.985	ug/l	95
17) Carbon Disulfide	4.37	76	181613	67.057	ug/l	98
18) Methyl Acetate	4.67	43	31432	71.294	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89881	48.744	ug/l	97
20) Methylene Chloride	4.91	84	63425	55.898	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	66224	70.693	ug/l	98
22) Diisopropyl ether	6.31	45	168658	70.480	ug/l	98
23) Vinyl Acetate	6.25	43	493288	376.090	ug/l	98
24) 1,1-Dichloroethane	6.21	63	112965	72.625	ug/l	98
25) 2-Butanone	7.17	43	77142	349.756	ug/l	97
26) 2,2-Dichloropropane	7.17	77	74440	52.709	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	73246	72.531	ug/l	99
28) Bromochloromethane	7.51	49	43226	75.932	ug/l	97
29) Tetrahydrofuran	7.53	42	49214	357.087	ug/l	97
30) Chloroform	7.67	83	123526	75.669	ug/l	99
31) Cyclohexane	7.96	56	97919	61.856	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	108629	72.004	ug/l	99
36) 1,1-Dichloropropene	8.08	75	96025	68.845	ug/l	99
37) Ethyl Acetate	7.25	43	33841	67.036	ug/l	99
38) Carbon Tetrachloride	8.07	117	105160	72.690	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007374.D
 Acq On : 11 Dec 2018 00:31
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Dec 11 01:38:28 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)
39) Methylcyclohexane	9.34	83	119531	64.723	ug/l	93
40) Benzene	8.32	78	263942	68.509	ug/l	99
41) Methacrylonitrile	7.48	41	21278	70.645	ug/l	98
42) 1,2-Dichloroethane	8.40	62	81908	74.288	ug/l	99
43) Isopropyl Acetate	8.43	43	70114	70.904	ug/l	99
44) Trichloroethene	9.09	130	75039	69.555	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58626	65.325	ug/l	96
46) Dibromomethane	9.46	93	34552	73.026	ug/l	97
47) Bromodichloromethane	9.65	83	90223	72.425	ug/l	99
48) Methyl methacrylate	9.44	41	35043	68.932	ug/l	95
49) 1,4-Dioxane	9.45	88	11761	1445.580	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	173419	360.421	ug/l	98
52) Toluene	10.39	92	171657	64.661	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	88069	71.285	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	101732	70.414	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44685	66.940	ug/l	92
56) Ethyl methacrylate	10.65	69	59077	69.112	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78514	70.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	135673	377.921	ug/l	100
59) 2-Hexanone	10.97	43	107601	313.984	ug/l	96
60) Dibromochloromethane	11.13	129	58582	71.000	ug/l	97
61) 1,2-Dibromoethane	11.24	107	47571	74.795	ug/l	92
64) Tetrachloroethene	10.86	164	62372	71.941	ug/l	95
65) Chlorobenzene	11.66	112	188014	71.215	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	63450	76.131	ug/l	100
67) Ethyl Benzene	11.73	91	310651	64.691	ug/l	90
68) m/p-Xylenes	11.84	106	237664	126.939	ug/l	93
69) o-Xylene	12.17	106	118479	67.177	ug/l	94
70) Styrene	12.18	104	193077	67.398	ug/l	96
71) Bromoform	12.35	173	32848	78.941	ug/l #	96
73) Isopropylbenzene	12.46	105	324332	70.254	ug/l	100
74) N-amyl acetate	12.27	43	60316	74.149	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	49068	79.262	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	66828	142.029	ug/l #	1
77) Bromobenzene	12.75	156	69663	68.732	ug/l	93
78) n-propylbenzene	12.81	91	376128	67.840	ug/l	100
79) 2-Chlorotoluene	12.90	91	209444	66.585	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	271076	68.575	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	15791	77.149	ug/l	95
82) 4-Chlorotoluene	12.99	91	217462	64.970	ug/l	91
83) tert-Butylbenzene	13.21	119	252752	72.428	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	277673	68.643	ug/l	98
85) sec-Butylbenzene	13.39	105	321666	65.392	ug/l	96
86) p-Isopropyltoluene	13.51	119	289077	65.345	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	142045	68.558	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147931	71.397	ug/l	93
89) n-Butylbenzene	13.83	91	274924	66.889	ug/l	97
90) Hexachloroethane	14.10	117	53195	78.074	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128352	72.106	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9705	80.990	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007374.D
Acq On : 11 Dec 2018 00:31
Operator : SY/AP
Sample : VSTDICC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

Quant Time: Dec 11 01:38:28 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

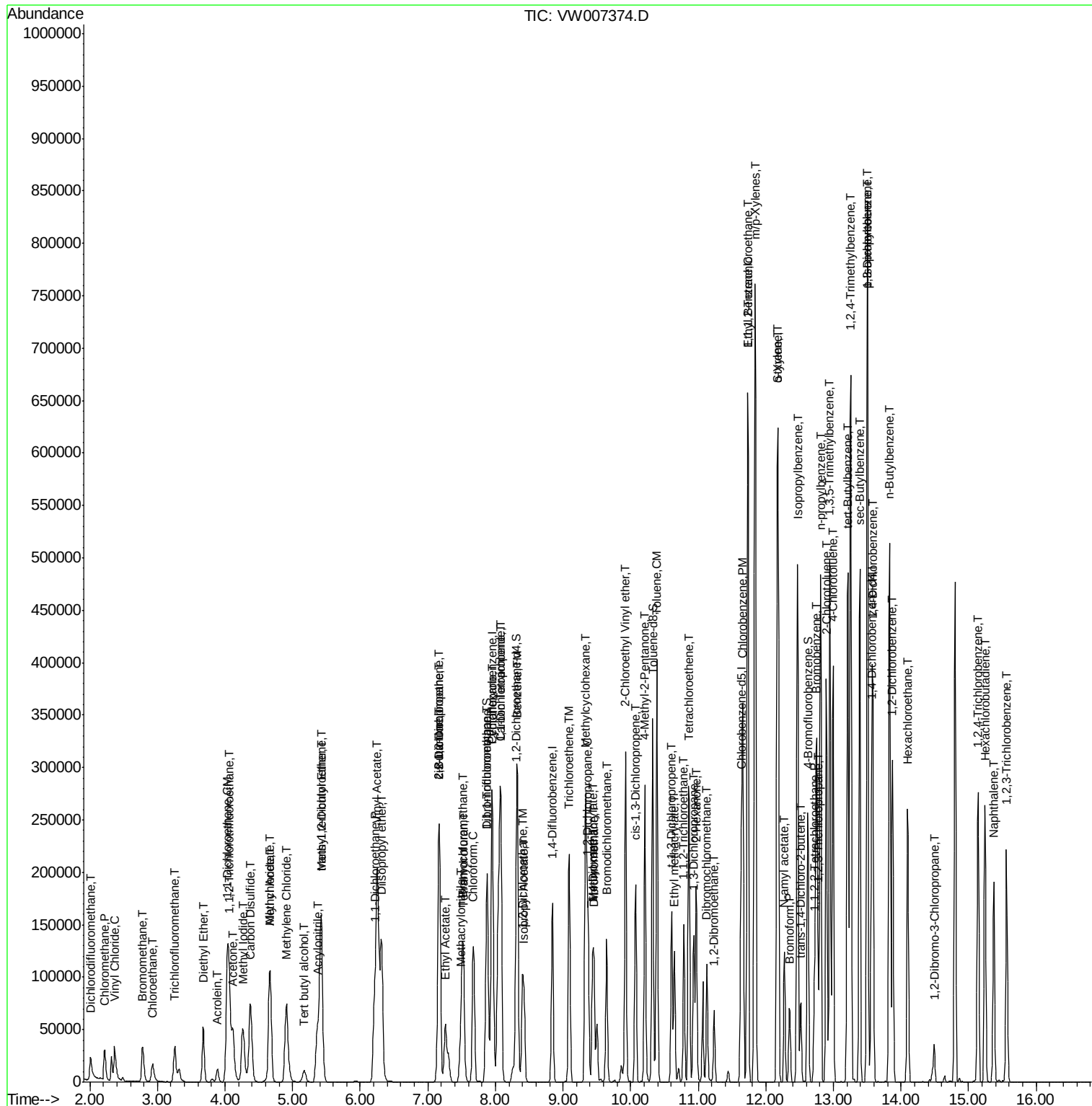
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88477	71.709	ug/l	93
94) Hexachlorobutadiene	15.24	225	47485	71.213	ug/l	96
95) Naphthalene	15.38	128	168863	75.212	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	74999	70.996	ug/l	97

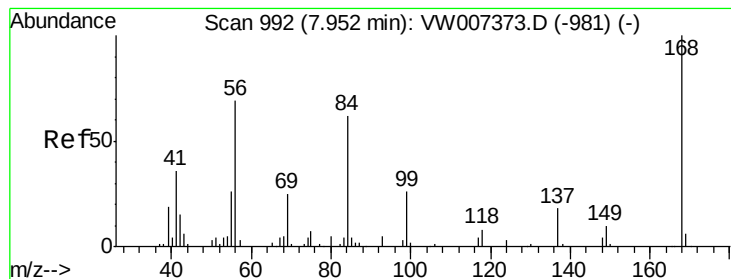
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007374.D
Acq On : 11 Dec 2018 00:31
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Dec 11 01:38:28 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

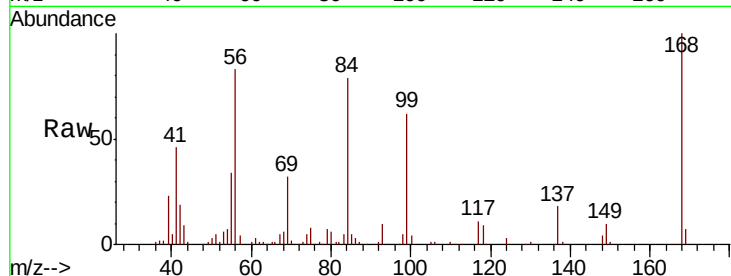
VSTDIC075

Tgt Ion: 168 Resp: 86960

Ion Ratio Lower Upper

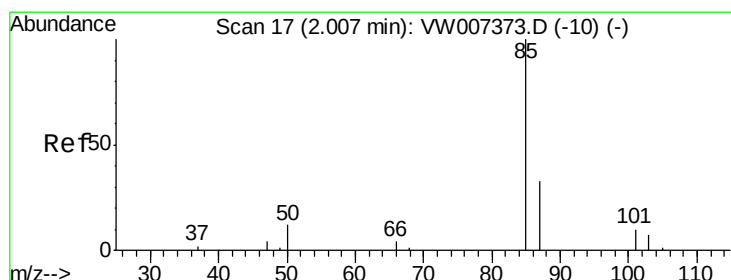
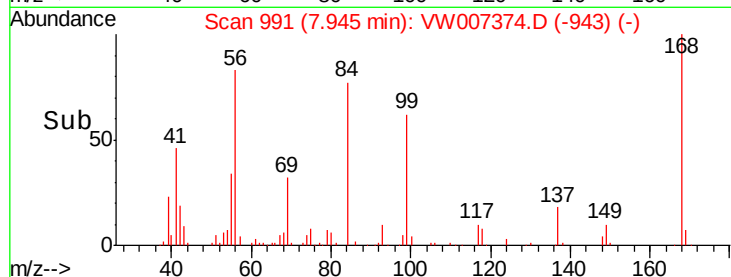
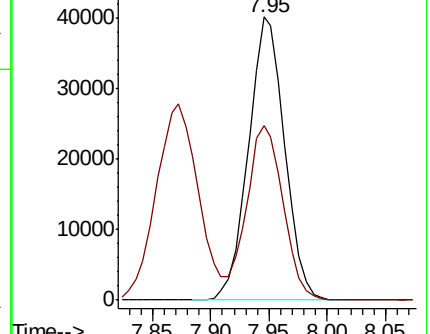
168 100

99 61.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.484 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007374.D

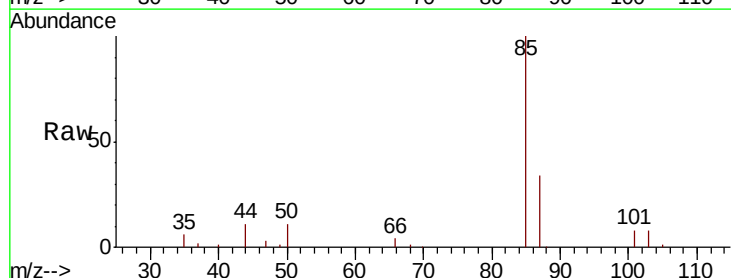
Acq: 11 Dec 2018 00:31

Tgt Ion: 85 Resp: 39842

Ion Ratio Lower Upper

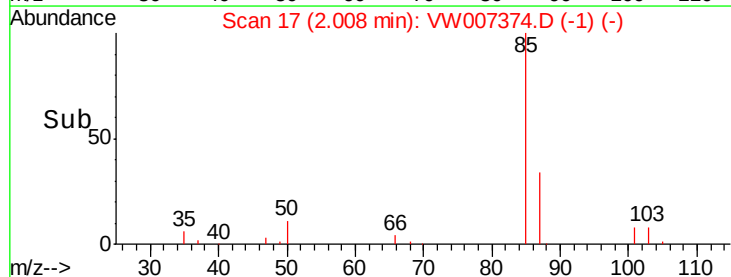
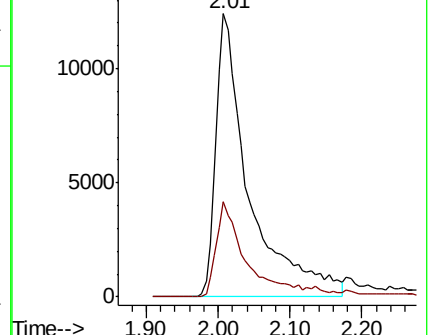
85 100

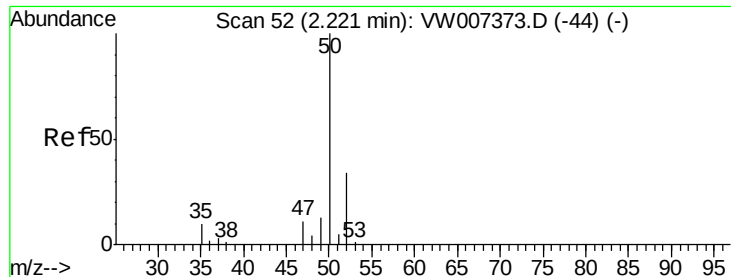
87 33.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 30.699 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

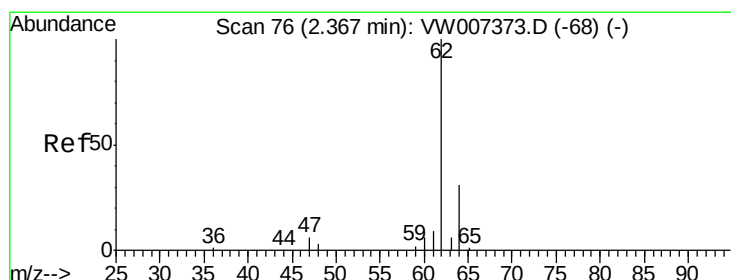
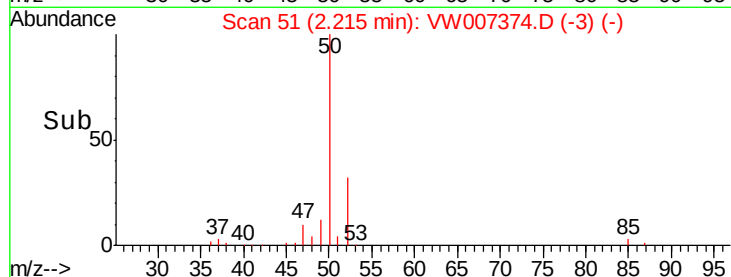
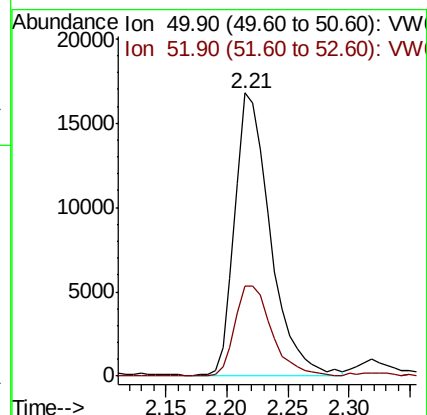
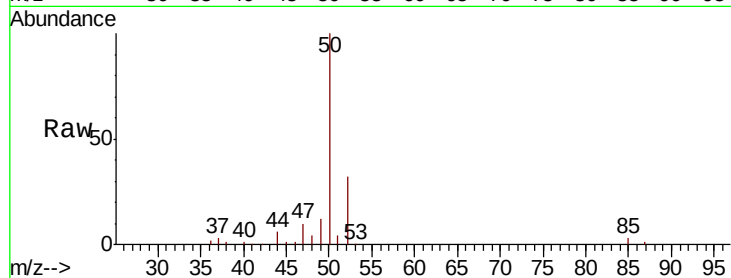
VSTDIC075

Tgt Ion: 50 Resp: 33592

Ion Ratio Lower Upper

50 100

52 32.0 27.4 41.0



#4

Vinyl Chloride

Concen: 56.534 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007374.D

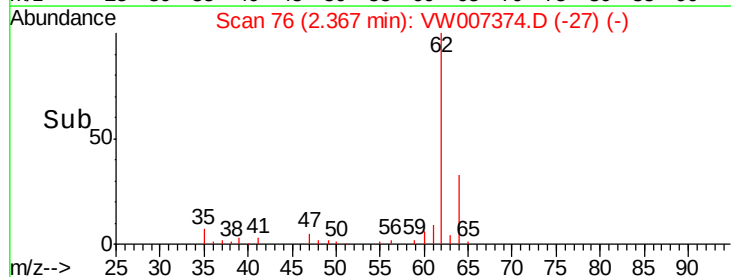
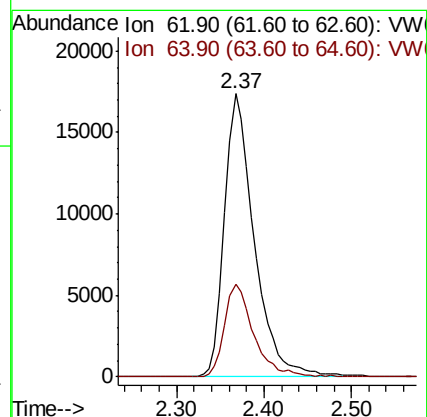
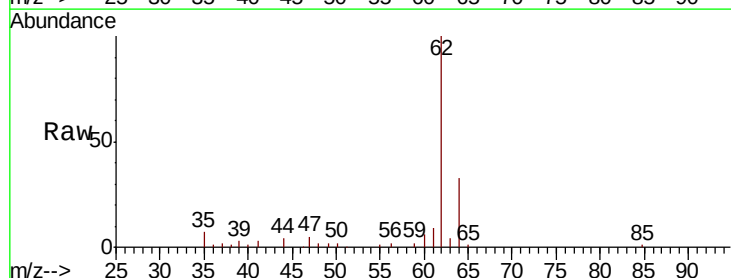
Acq: 11 Dec 2018 00:31

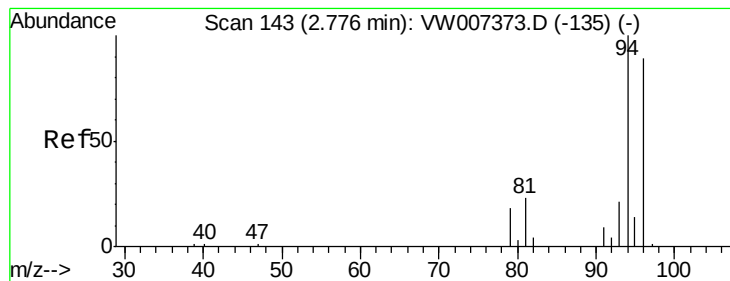
Tgt Ion: 62 Resp: 40965

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 72.831 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

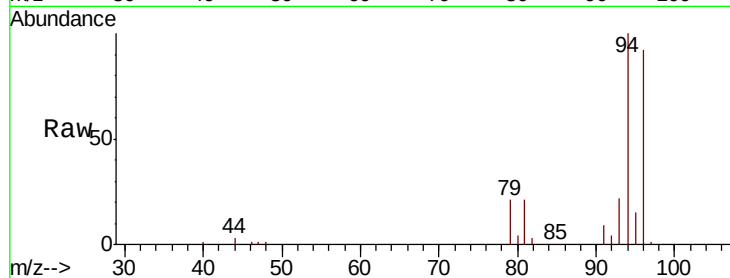
VSTDIC075

Tgt Ion: 94 Resp: 27624

Ion Ratio Lower Upper

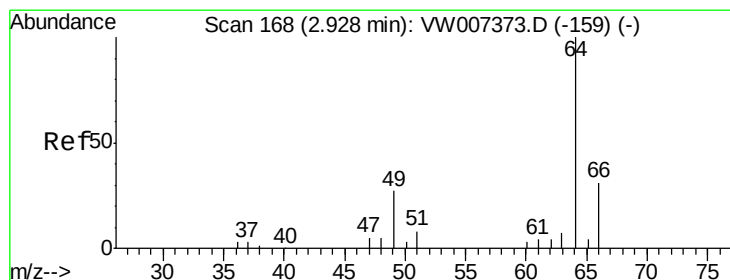
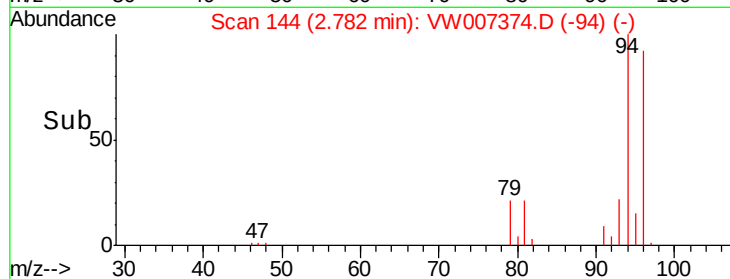
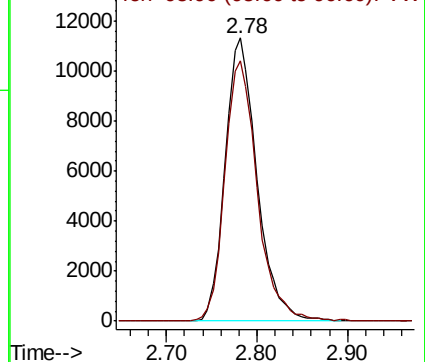
94 100

96 91.9 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 56.349 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007374.D

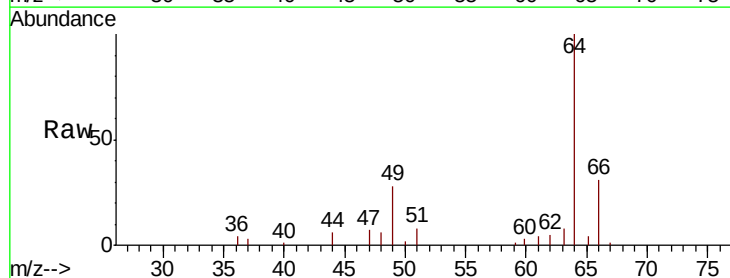
Acq: 11 Dec 2018 00:31

Tgt Ion: 64 Resp: 23018

Ion Ratio Lower Upper

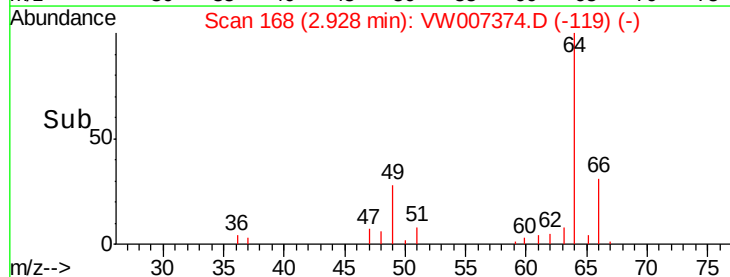
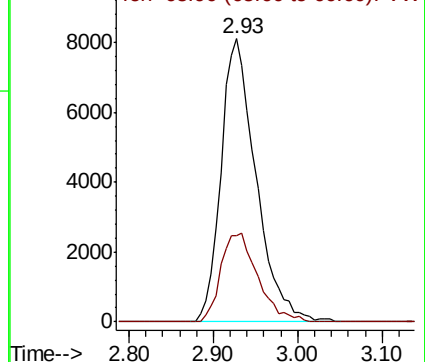
64 100

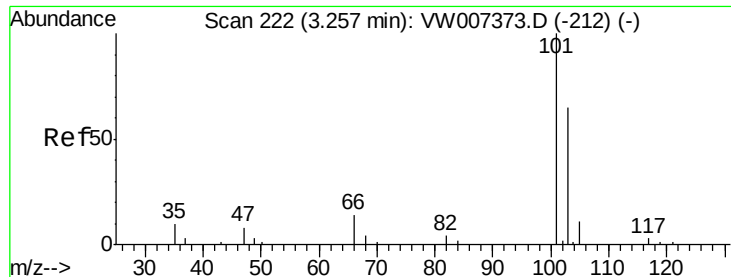
66 30.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



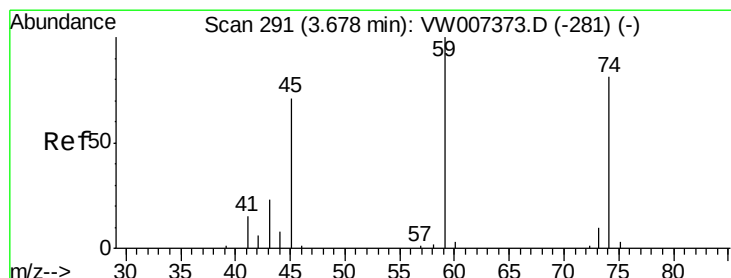
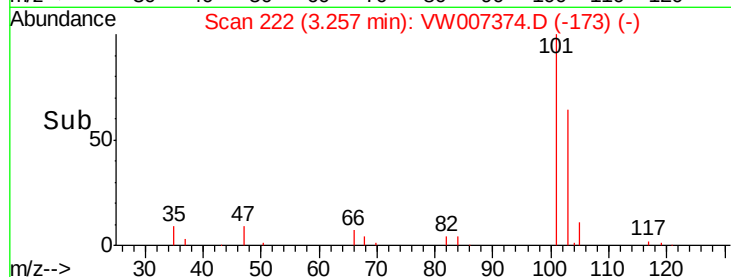
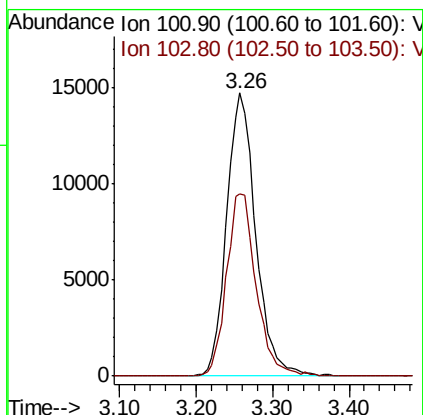
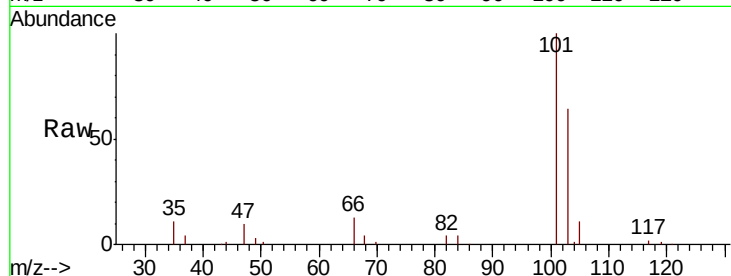


#7

Trichlorofluoromethane
 Concen: 29.281 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

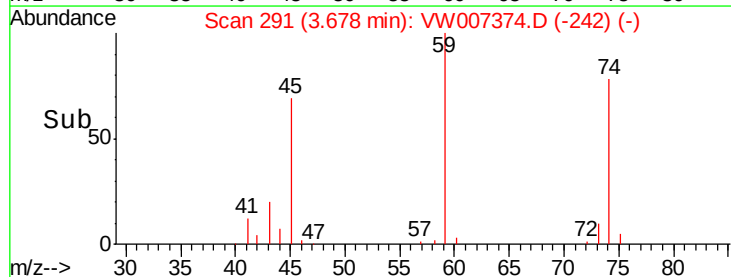
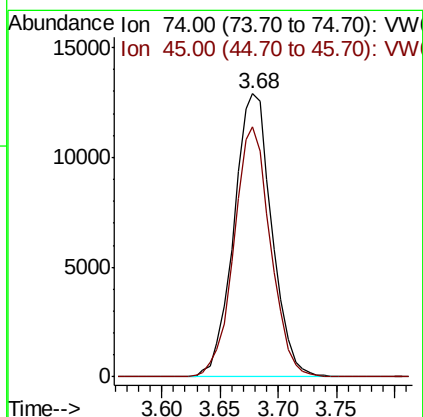
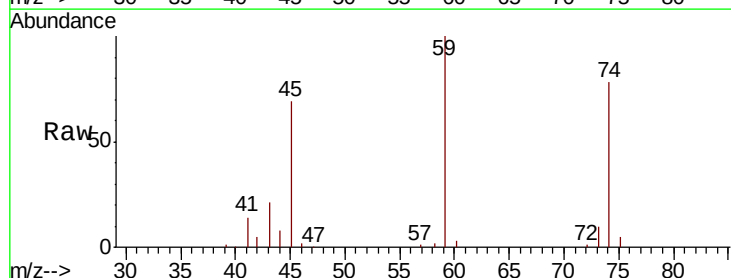
Tgt Ion: 101 Resp: 38698
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5

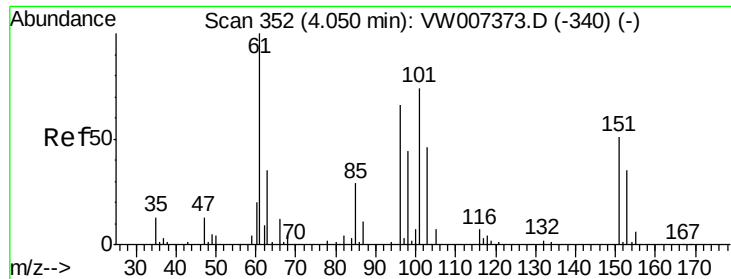


#8

Diethyl Ether
 Concen: 70.244 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 74 Resp: 29172
 Ion Ratio Lower Upper
 74 100
 45 85.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.705 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

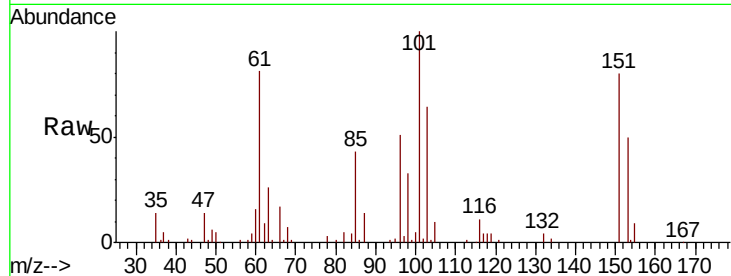
Tgt Ion:101 Resp: 61135

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

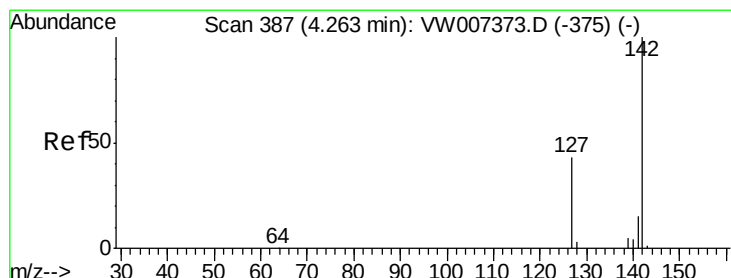
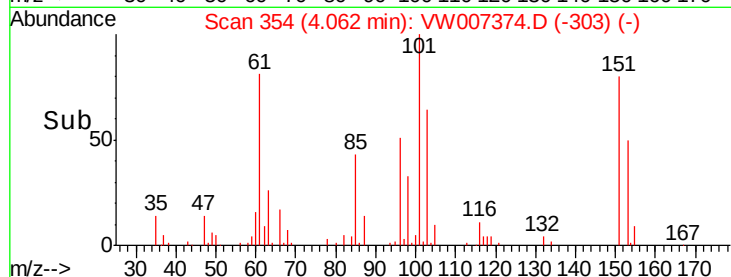
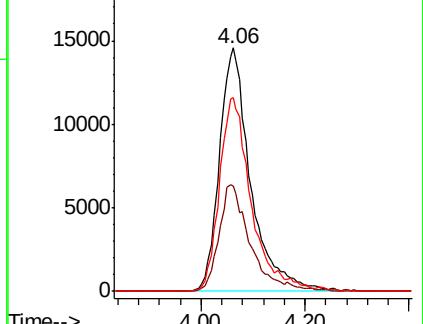
151 80.7 63.7 95.5



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: 115.792 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

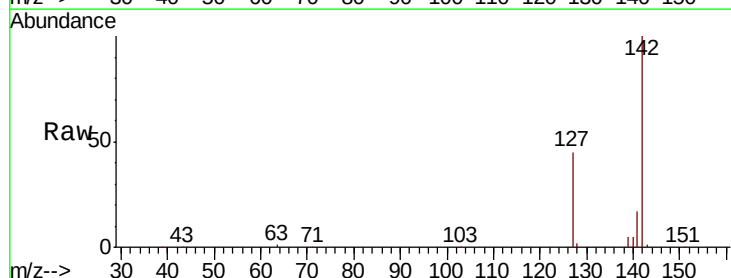
Tgt Ion:142 Resp: 101872

Ion Ratio Lower Upper

142 100

127 45.5 35.8 53.6

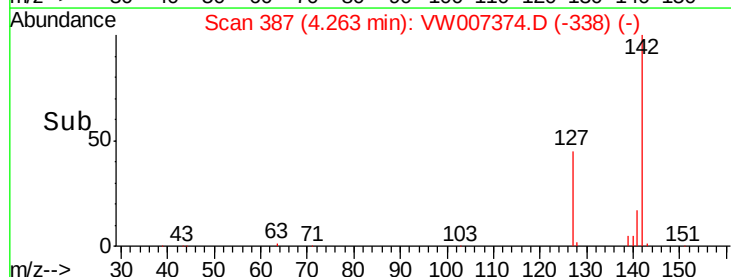
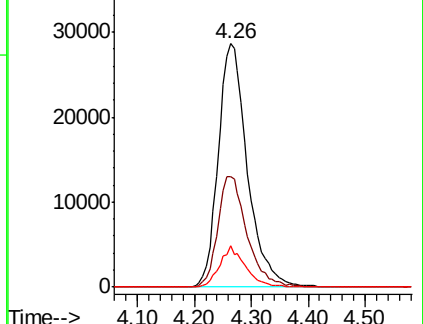
141 15.0 11.1 16.7

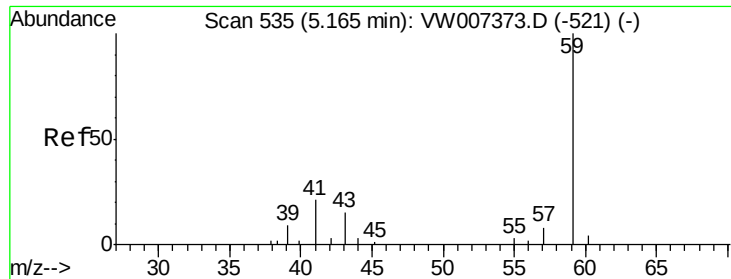


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

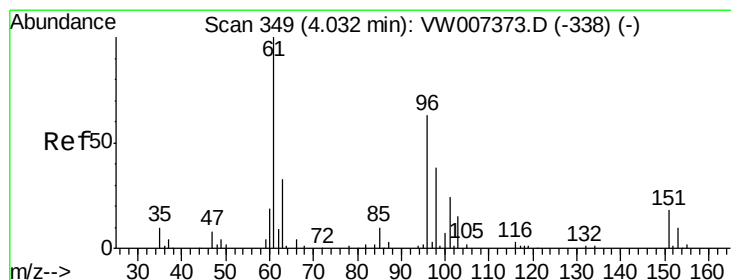
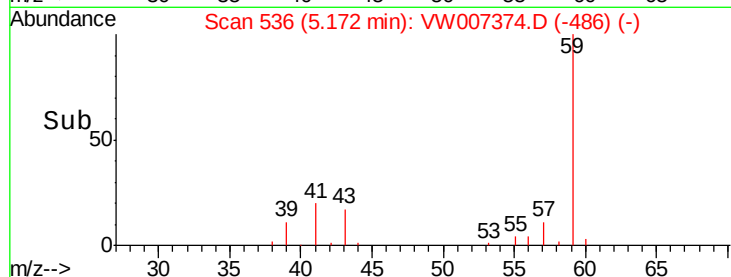
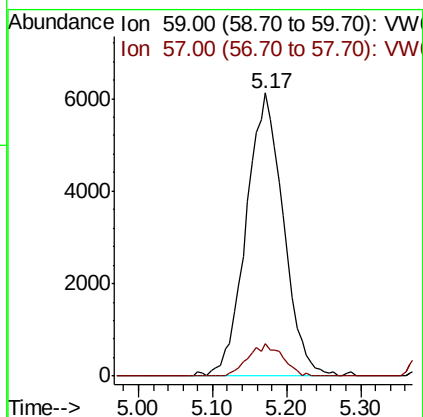
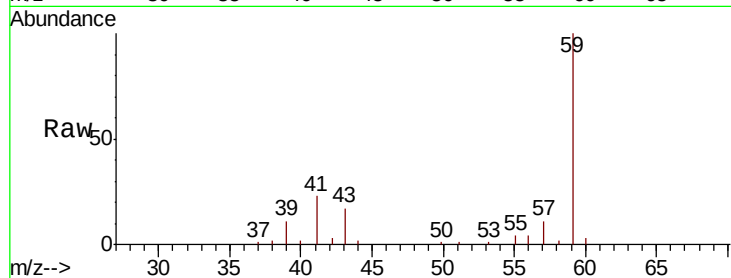




#11
Tert butyl alcohol
Concen: 231.100 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

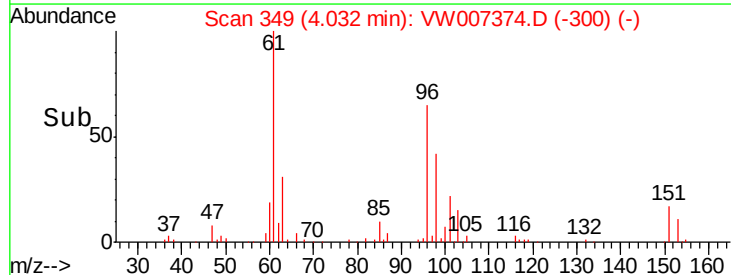
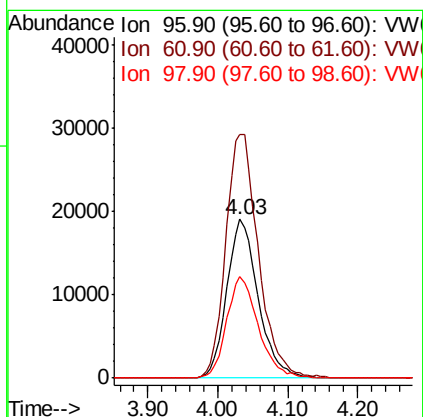
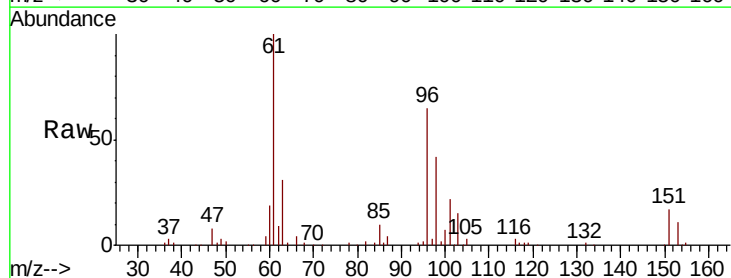
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

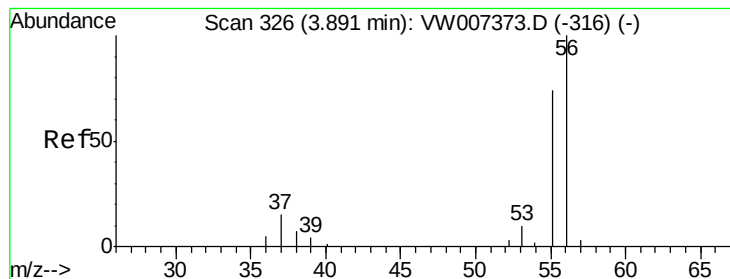
Tgt Ion: 59 Resp: 21472
Ion Ratio Lower Upper
59 100
57 10.4 7.6 11.4



#12
1,1-Dichloroethene
Concen: 70.868 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 96 Resp: 59466
Ion Ratio Lower Upper
96 100
61 153.4 126.2 189.2
98 63.7 48.3 72.5





#13

Acrolein

Concen: 250.748 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

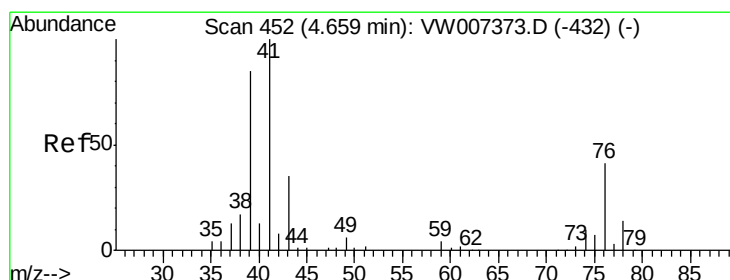
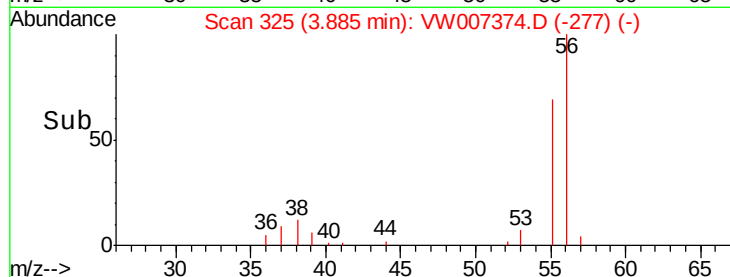
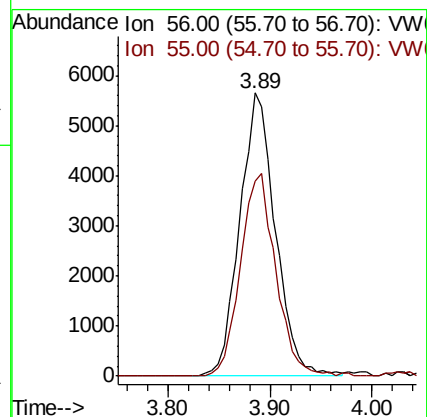
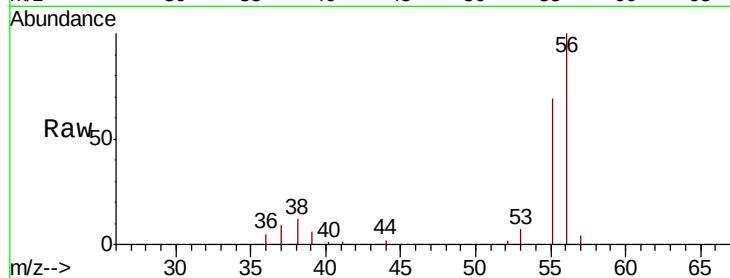
VSTDIC075

Tgt Ion: 56 Resp: 13660

Ion Ratio Lower Upper

56 100

55 70.9 57.4 86.2



#14

Allyl chloride

Concen: 66.680 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

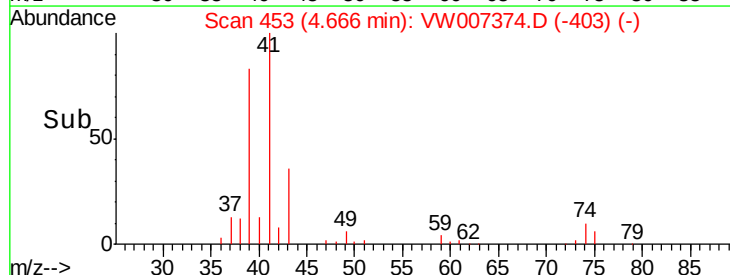
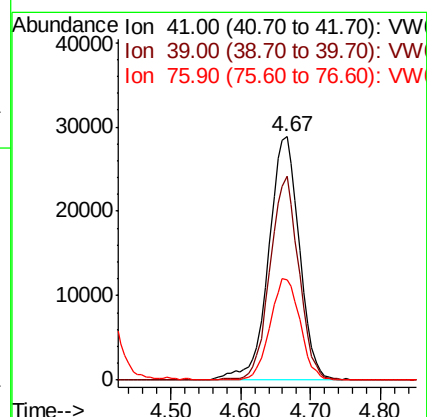
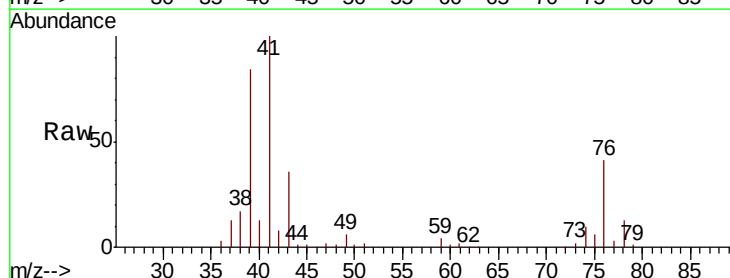
Tgt Ion: 41 Resp: 88210

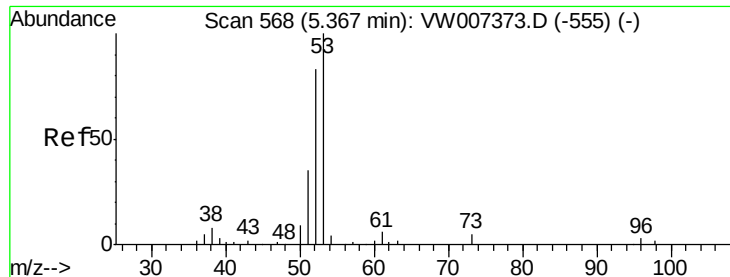
Ion Ratio Lower Upper

41 100

39 78.8 63.4 95.2

76 40.5 32.1 48.1





#15

Acrylonitrile

Concen: 364.515 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

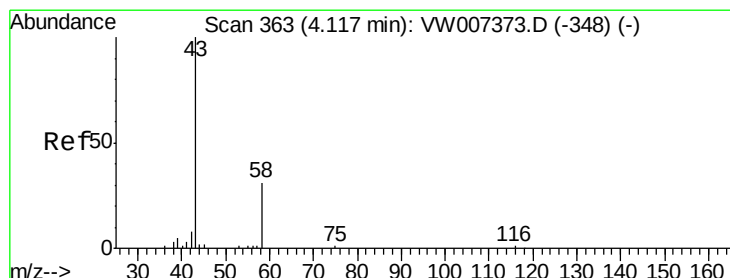
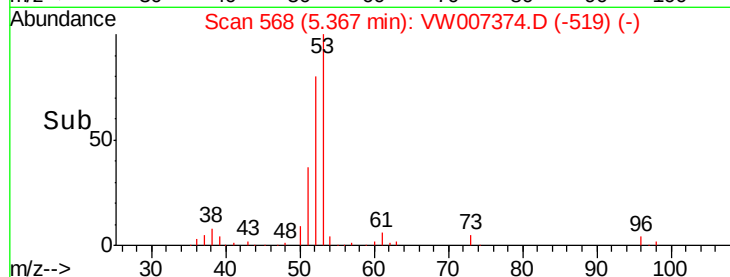
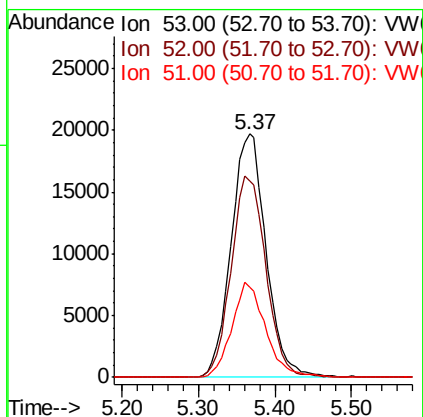
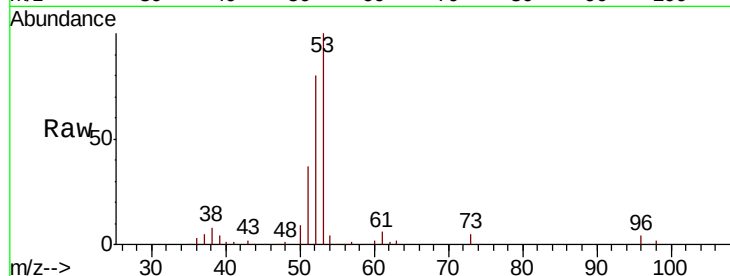
Tgt Ion: 53 Resp: 62329

Ion Ratio Lower Upper

53 100

52 82.2 67.4 101.2

51 37.6 30.2 45.2



#16

Acetone

Concen: 308.985 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007374.D

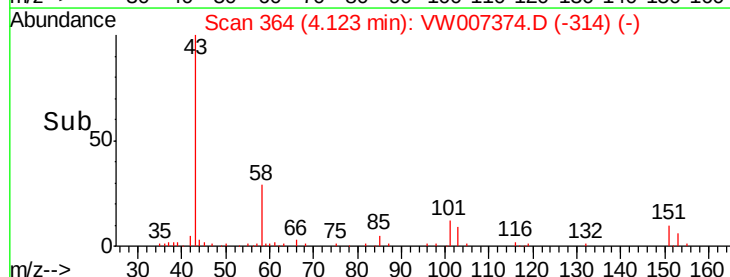
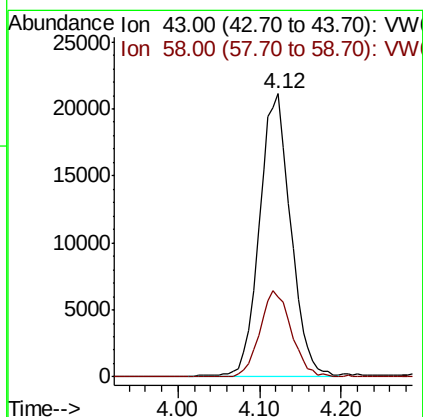
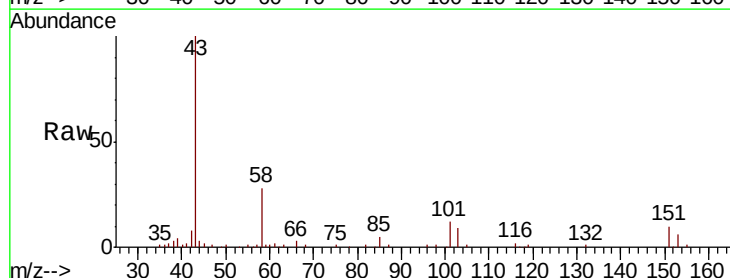
Acq: 11 Dec 2018 00:31

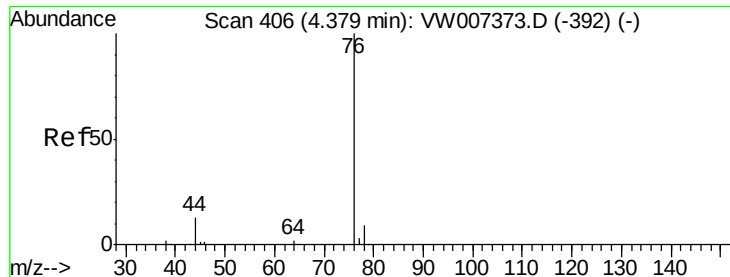
Tgt Ion: 43 Resp: 56772

Ion Ratio Lower Upper

43 100

58 28.4 24.9 37.3





#17

Carbon Disulfide

Concen: 67.057 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

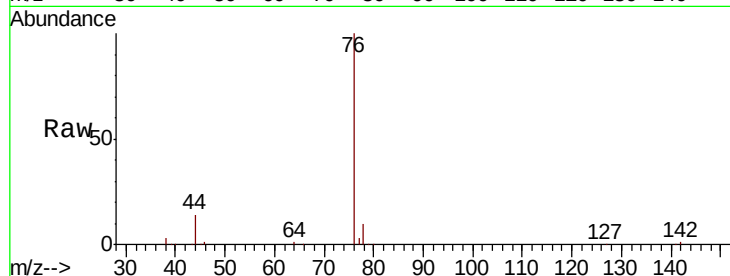
VSTDIC075

Tgt Ion: 76 Resp: 181613

Ion Ratio Lower Upper

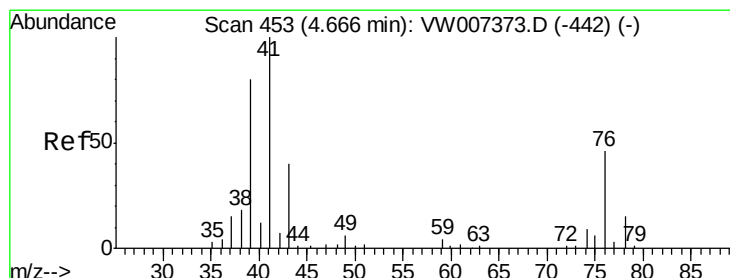
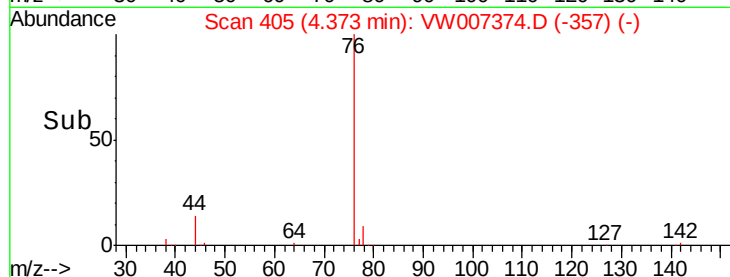
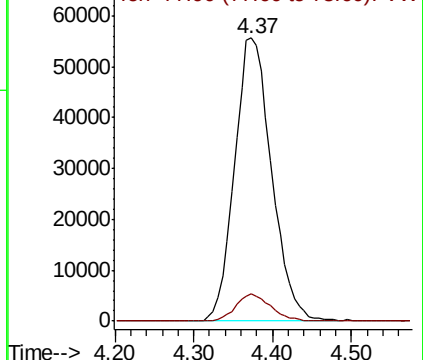
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 71.294 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007374.D

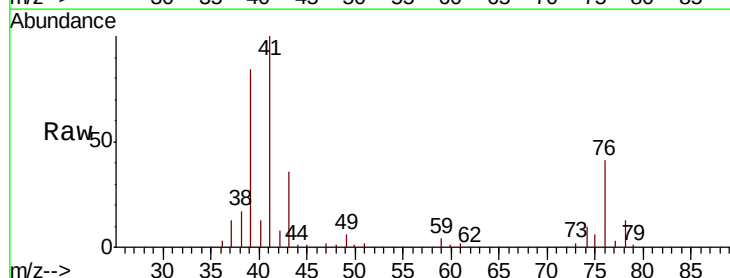
Acq: 11 Dec 2018 00:31

Tgt Ion: 43 Resp: 31432

Ion Ratio Lower Upper

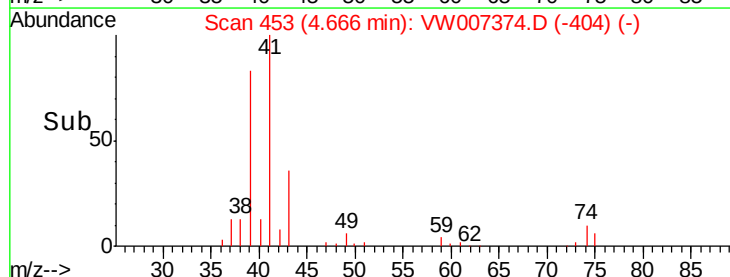
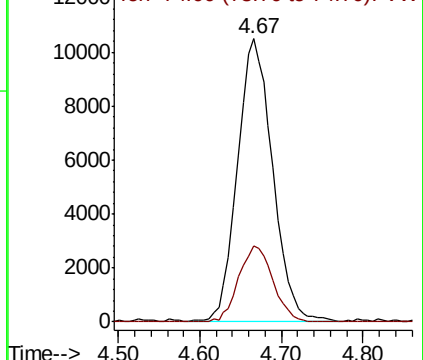
43 100

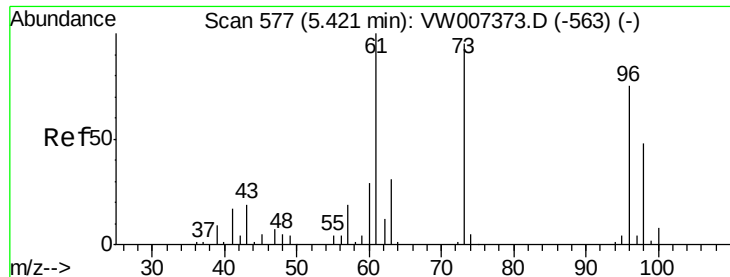
74 26.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

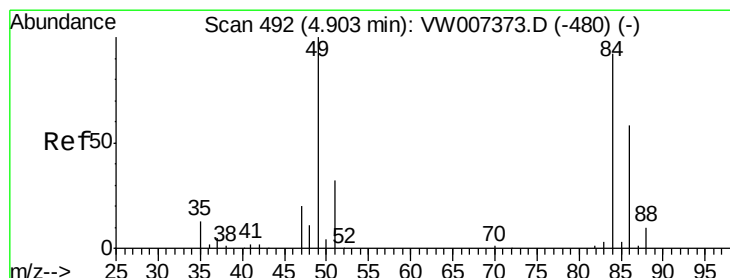
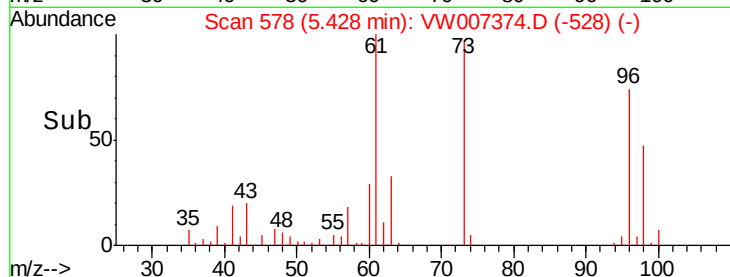
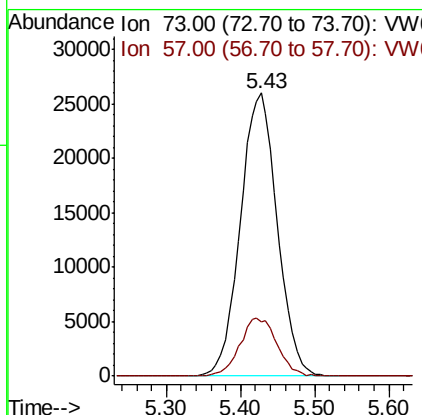
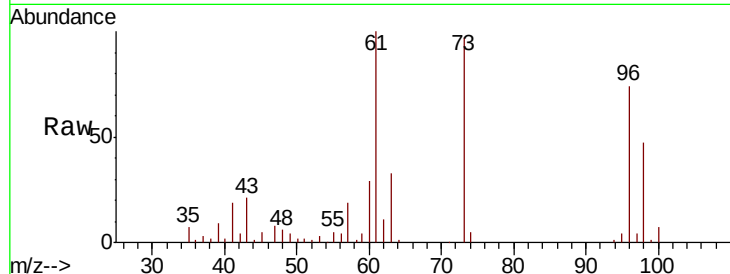




#19
Methyl tert-butyl Ether
Concen: 48.744 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

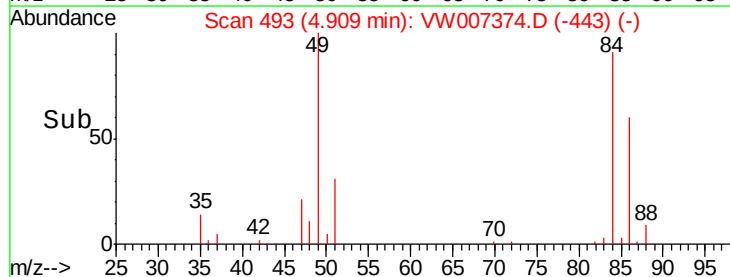
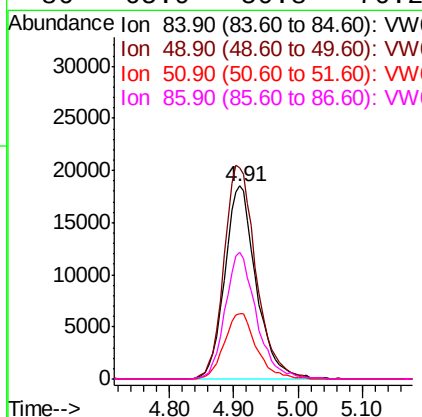
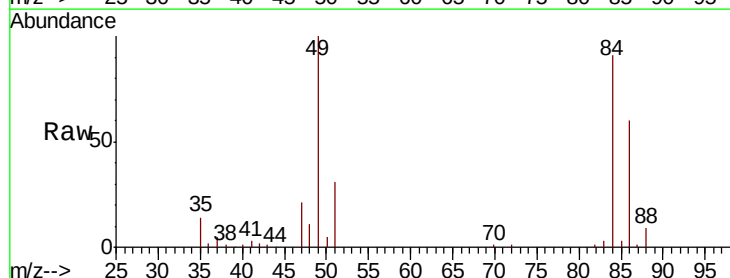
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

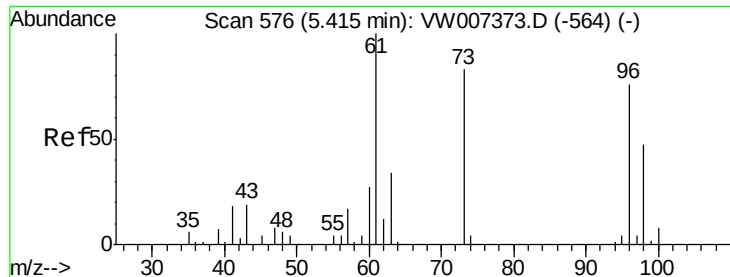
Tgt Ion: 73 Resp: 89881
Ion Ratio Lower Upper
73 100
57 19.1 16.4 24.6



#20
Methylene Chloride
Concen: 55.898 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 84 Resp: 63425
Ion Ratio Lower Upper
84 100
49 109.3 87.1 130.7
51 34.1 28.2 42.2
86 65.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 70.693 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

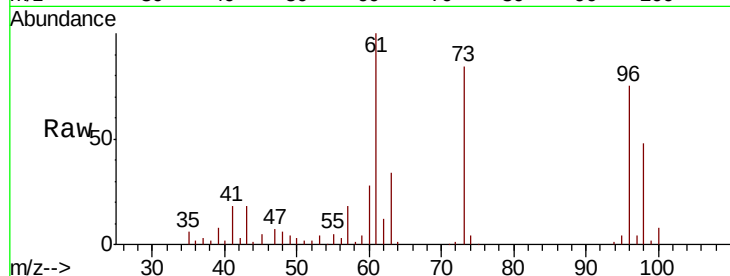
Tgt Ion: 96 Resp: 66224

Ion Ratio Lower Upper

96 100

61 133.3 105.0 157.6

98 64.5 49.7 74.5

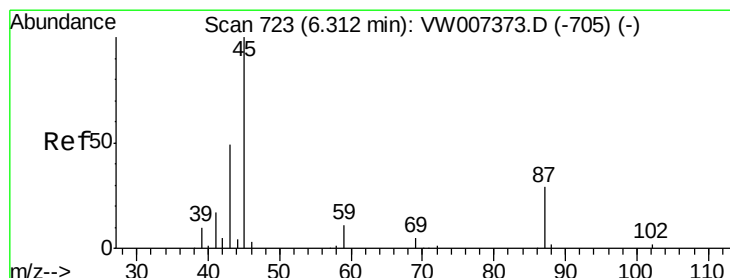
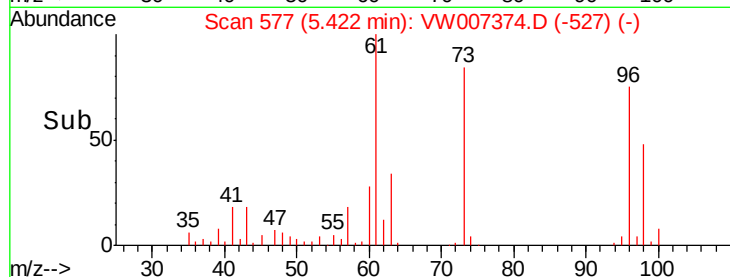
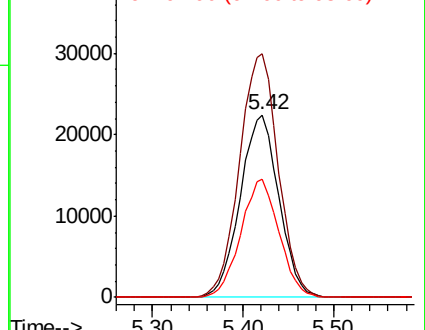


Abundance

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: 70.480 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Tgt Ion: 45 Resp: 168658

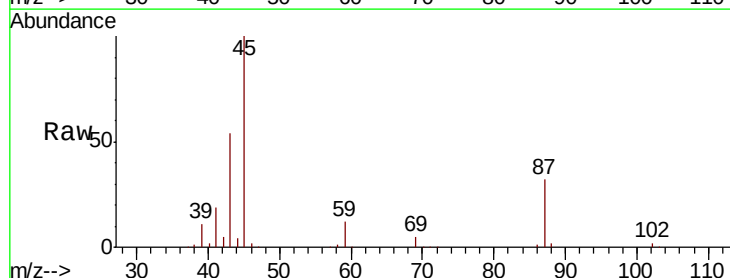
Ion Ratio Lower Upper

45 100

43 53.8 41.6 62.4

87 31.7 24.3 36.5

59 11.7 9.4 14.0



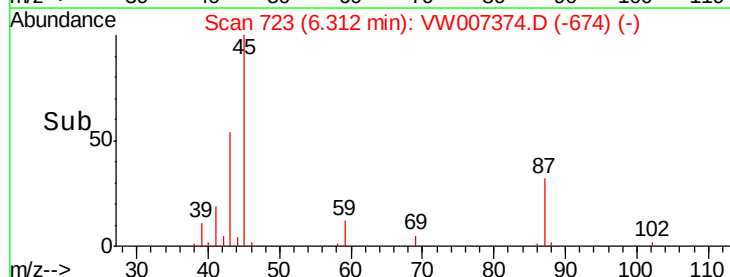
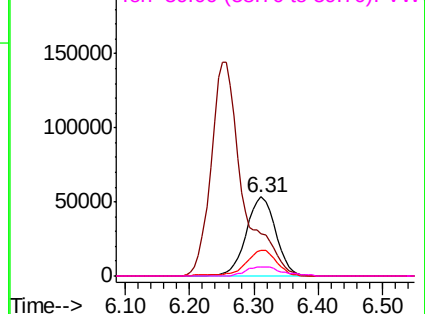
Abundance

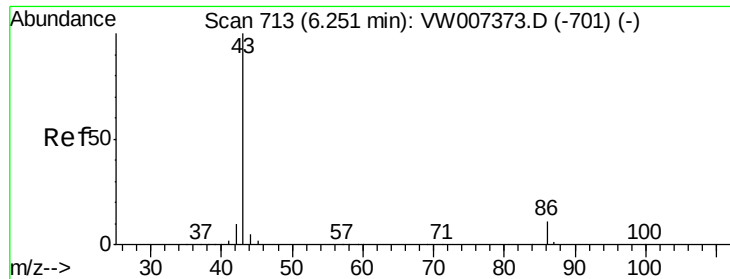
Ion 45.00 (44.70 to 45.70): VW

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: 376.090 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

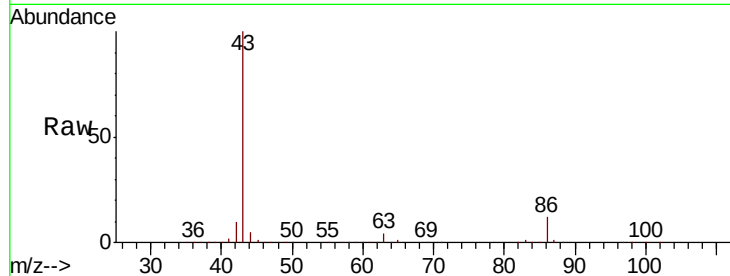
VSTDIC075

Tgt Ion: 43 Resp: 493288

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

6.25

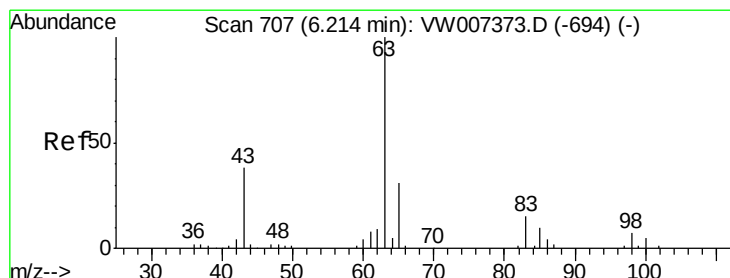
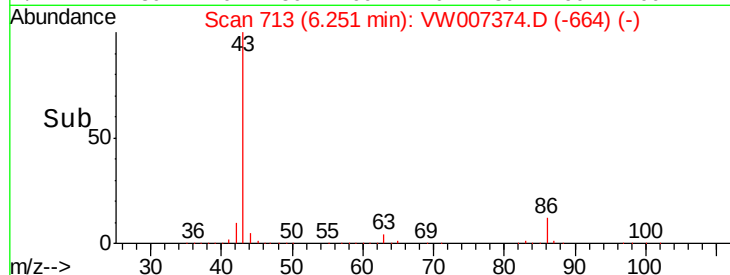
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 72.625 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

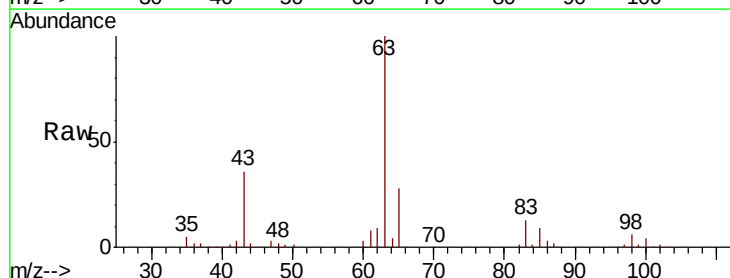
Tgt Ion: 63 Resp: 112965

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.4 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

50000

40000

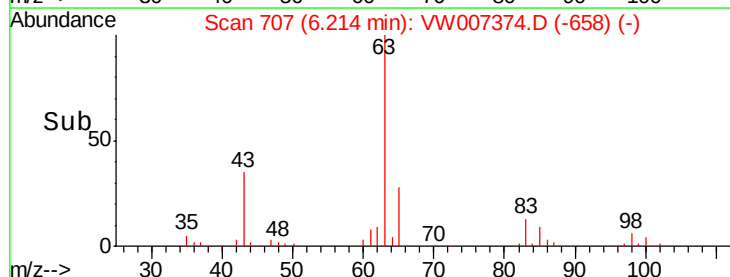
30000

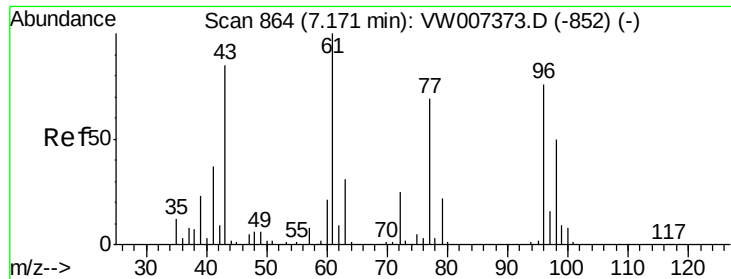
20000

10000

0

Time-->





#25

2-Butanone

Concen: 349.756 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

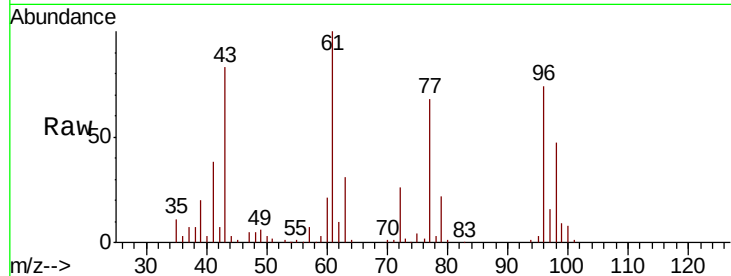
VSTDIC075

Tgt Ion: 43 Resp: 77142

Ion Ratio Lower Upper

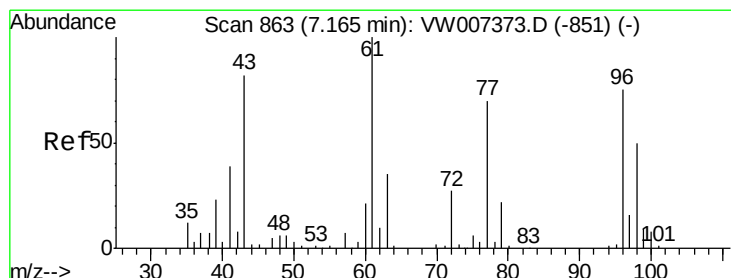
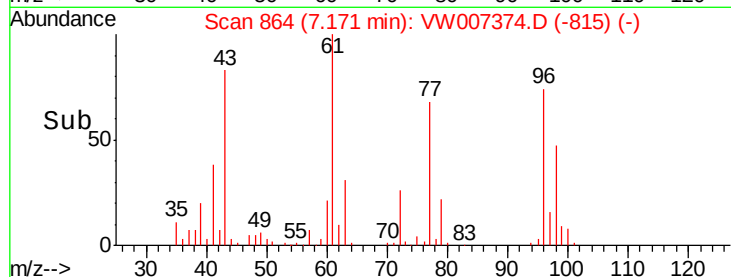
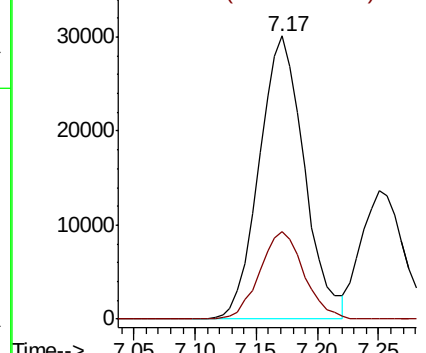
43 100

72 31.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 52.709 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007374.D

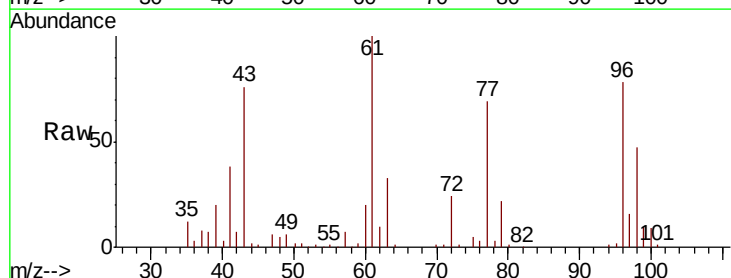
Acq: 11 Dec 2018 00:31

Tgt Ion: 77 Resp: 74440

Ion Ratio Lower Upper

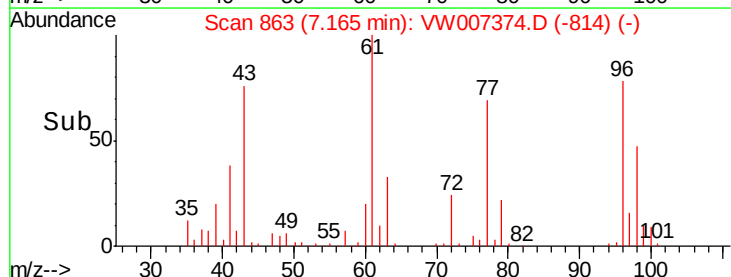
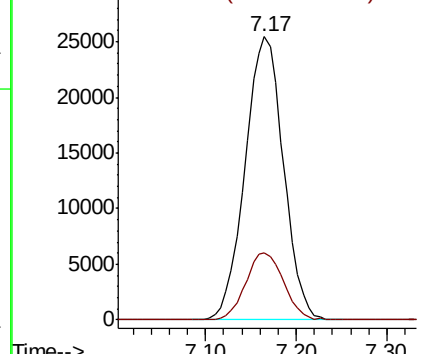
77 100

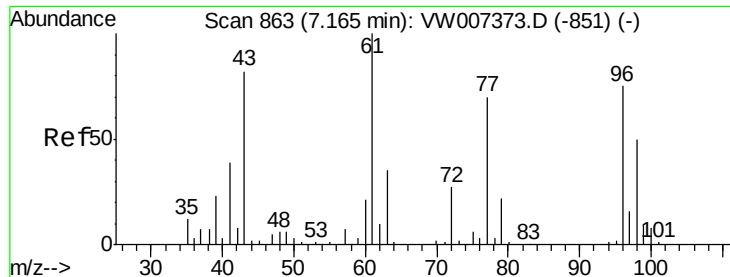
97 23.4 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



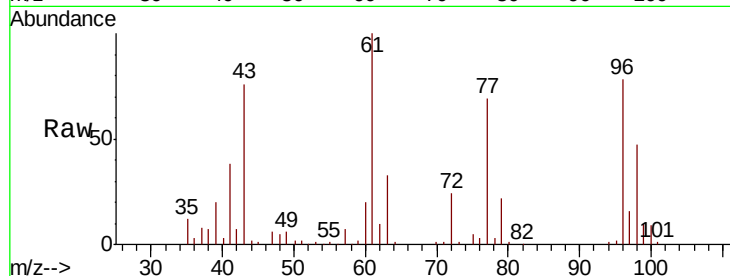


#27

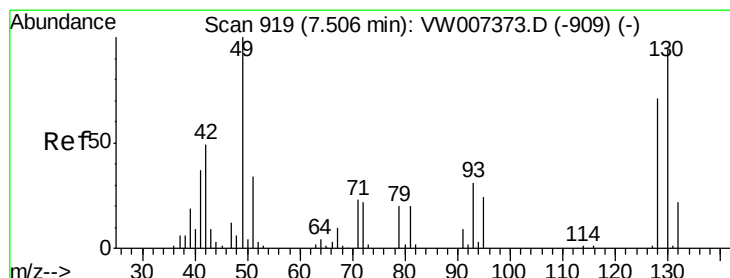
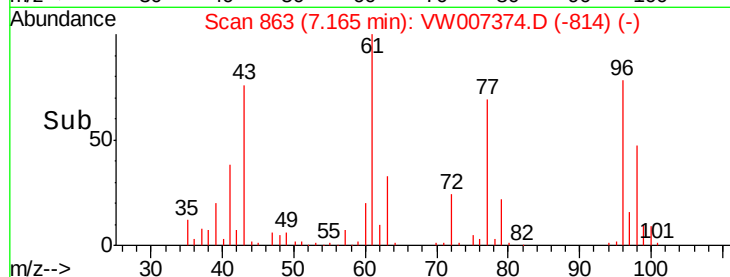
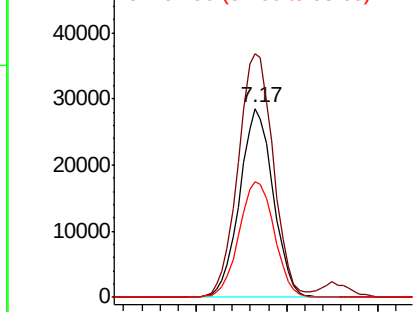
cis-1,2-Dichloroethene
 Concen: 72.531 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 96 Resp: 73246
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 268.4
 98 64.5 0.0 127.8



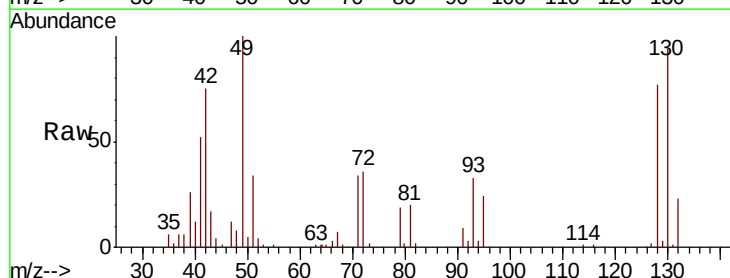
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



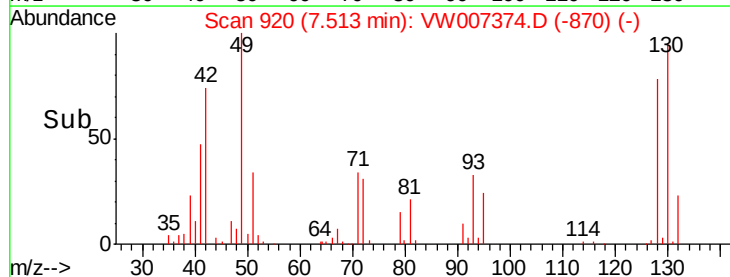
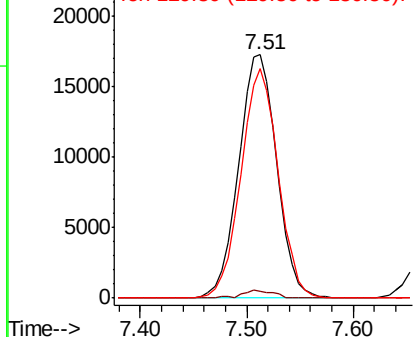
#28

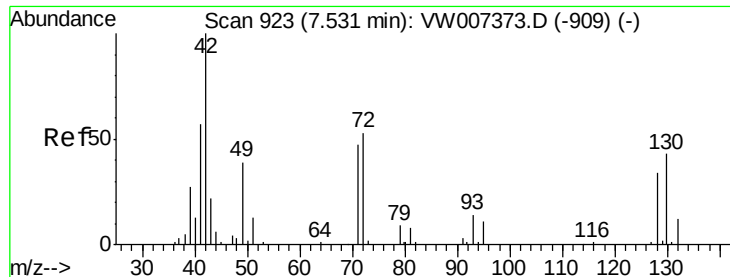
Bromochloromethane
 Concen: 75.932 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 49 Resp: 43226
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.6
 130 92.2 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

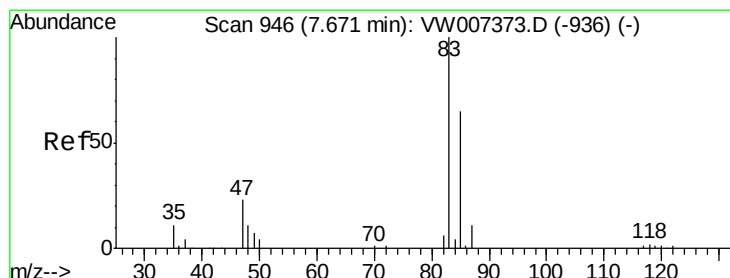
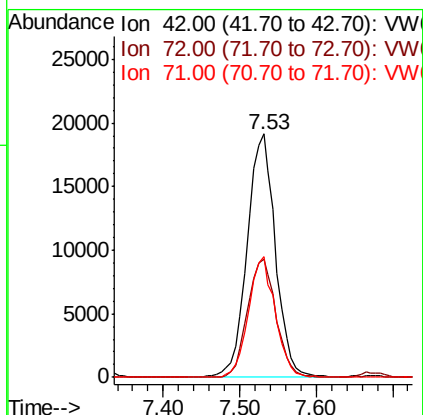
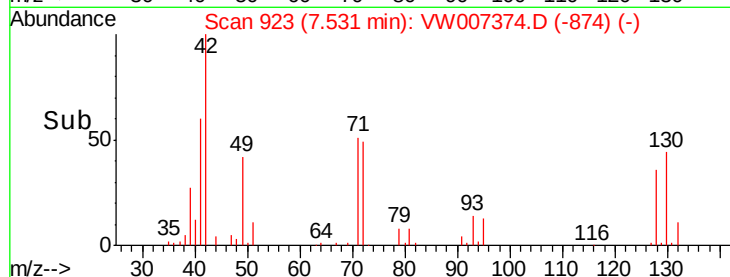
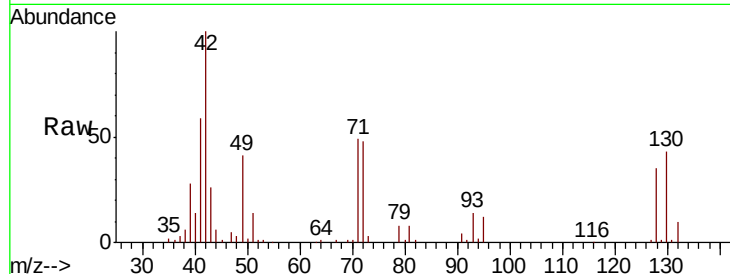




#29
Tetrahydrofuran
Concen: 357.087 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

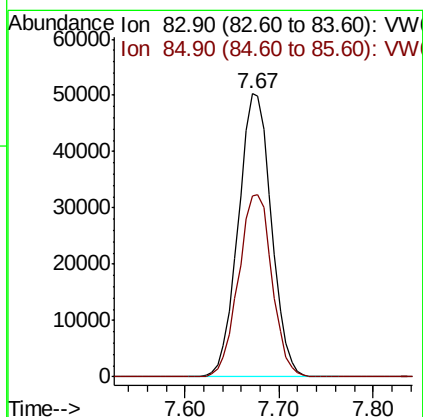
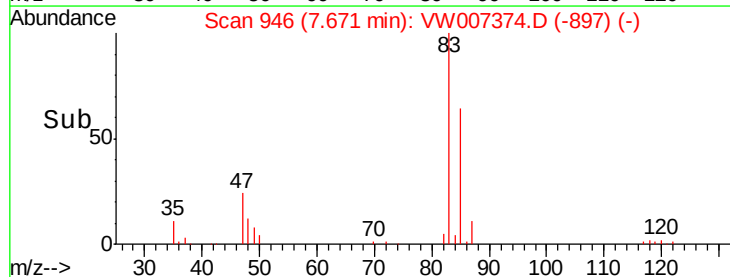
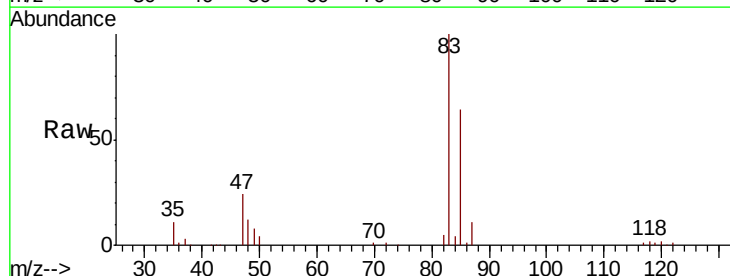
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

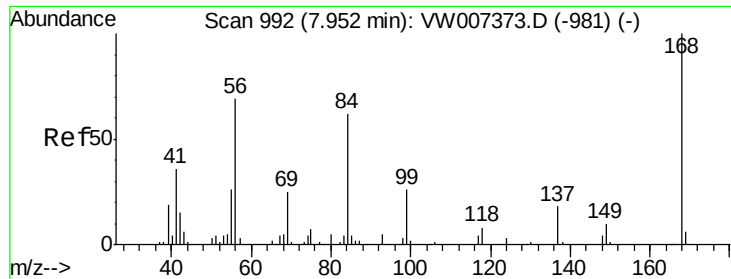
Tgt Ion: 42 Resp: 49214
Ion Ratio Lower Upper
42 100
72 48.8 38.2 57.4
71 46.8 35.5 53.3



#30
Chloroform
Concen: 75.669 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 83 Resp: 123526
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8

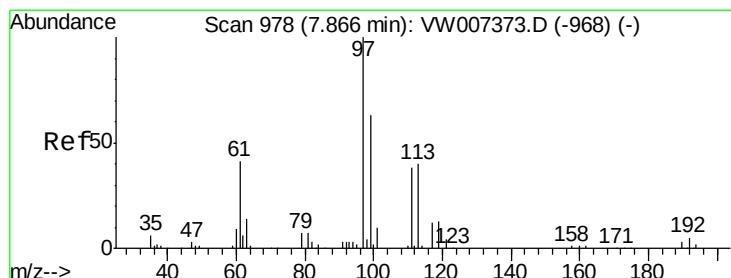
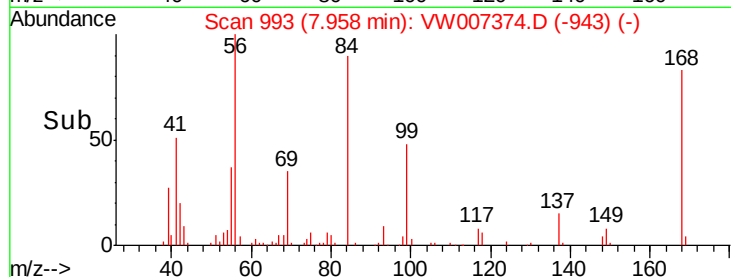
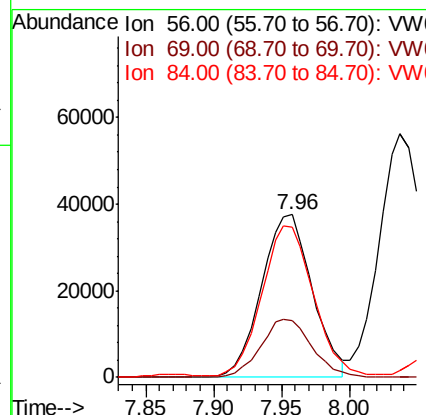
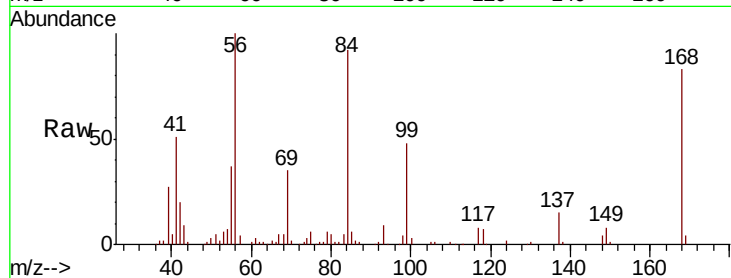




#31
Cyclohexane
Concen: 61.856 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

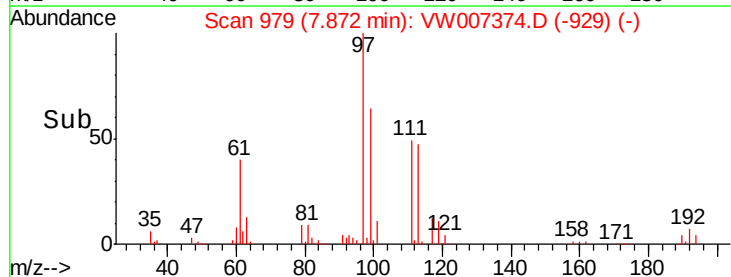
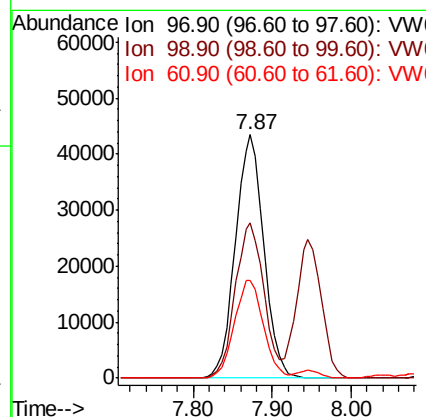
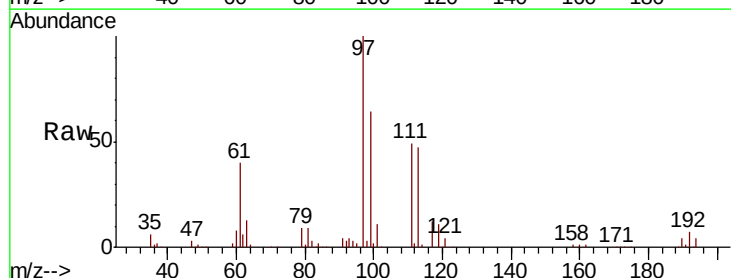
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

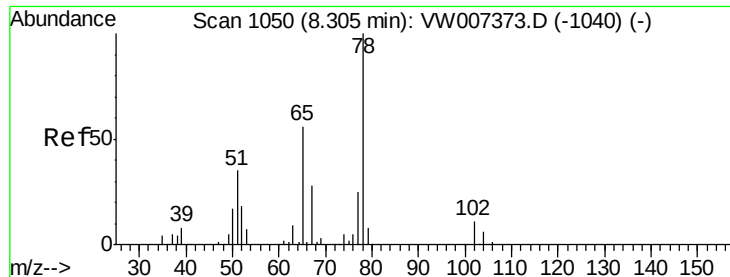
Tgt Ion: 56 Resp: 97919
Ion Ratio Lower Upper
56 100
69 34.6 28.9 43.3
84 91.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 72.004 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 97 Resp: 108629
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.1 33.2 49.8

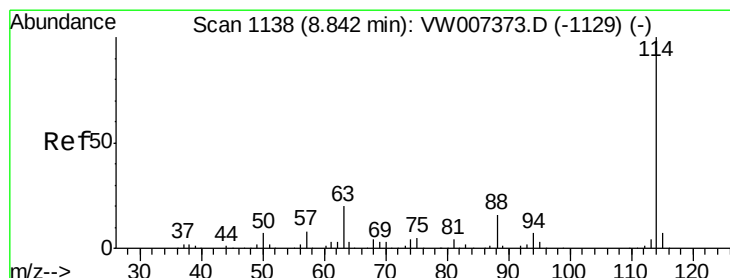
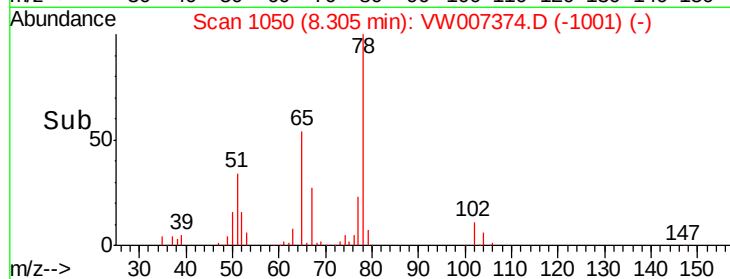
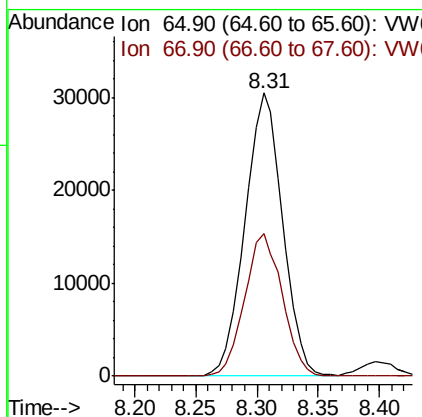
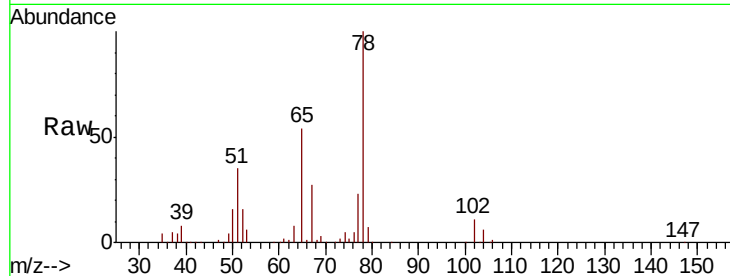




#33
 1,2-Dichloroethane-d4
 Concen: 77.357 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

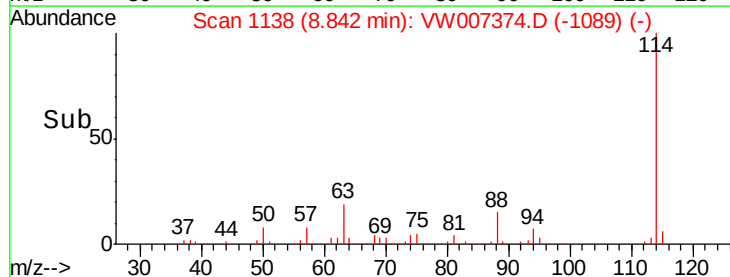
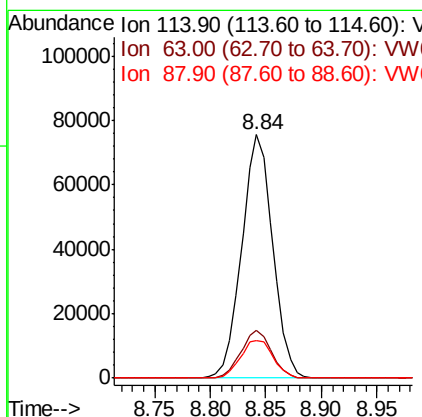
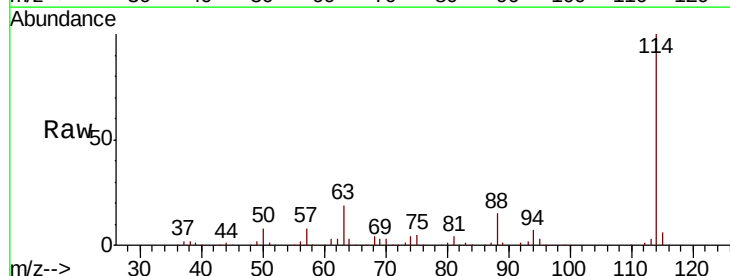
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

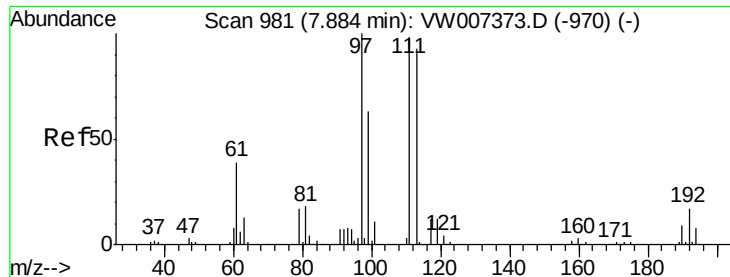
Tgt Ion: 65 Resp: 65213
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 114 Resp: 145649
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.2 0.0 31.4

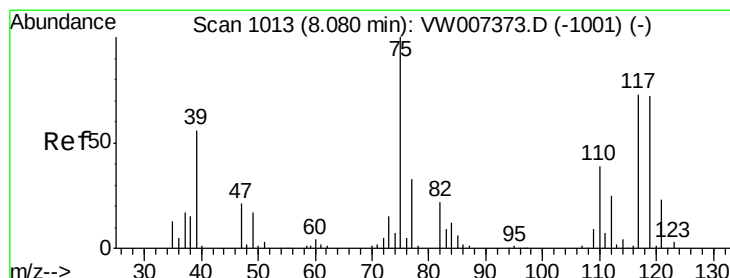
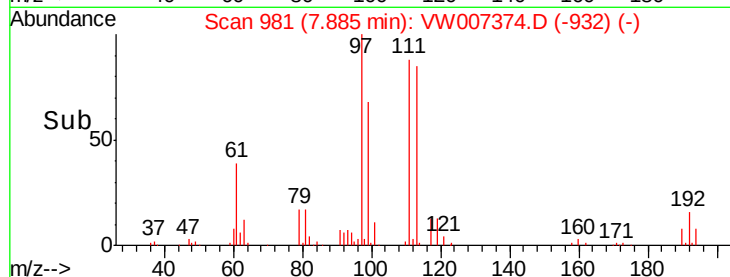
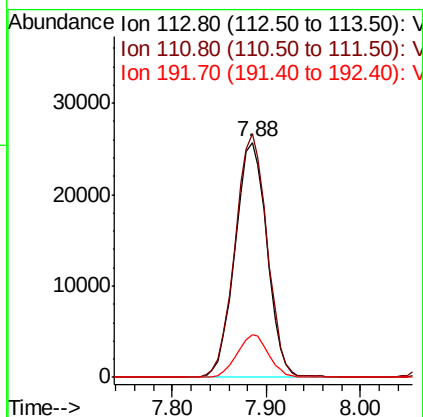
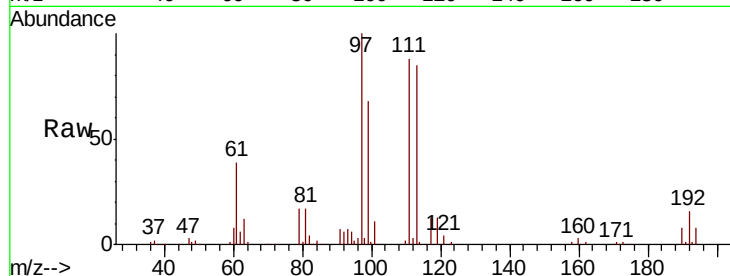




#35
 Dibromofluoromethane
 Concen: 71.589 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

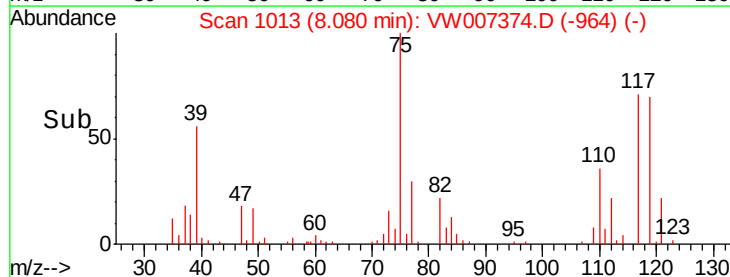
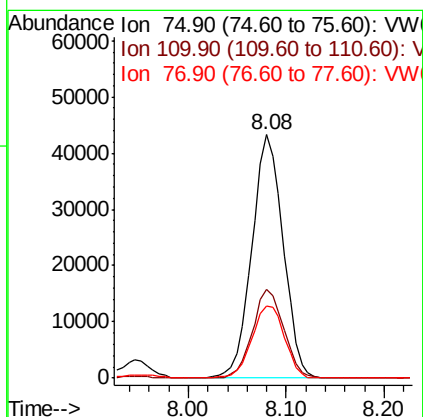
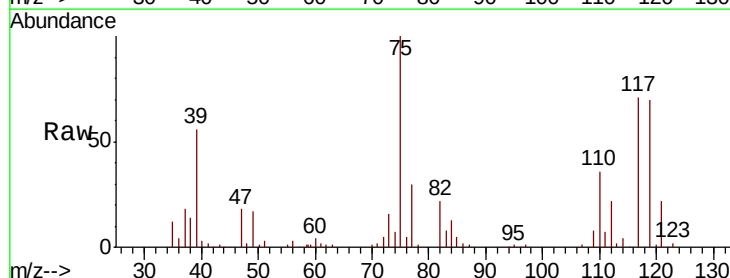
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

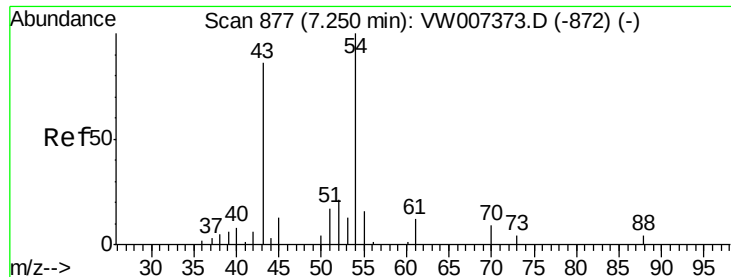
Tgt Ion: 113 Resp: 60680
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 17.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 68.845 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 75 Resp: 96025
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.5 55.5
 77 31.1 25.6 38.4

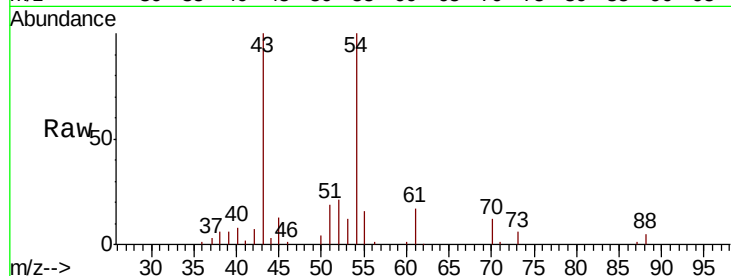




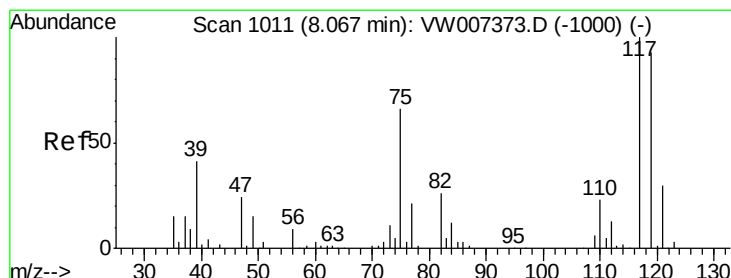
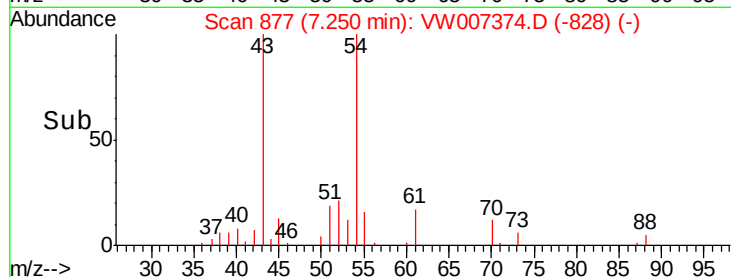
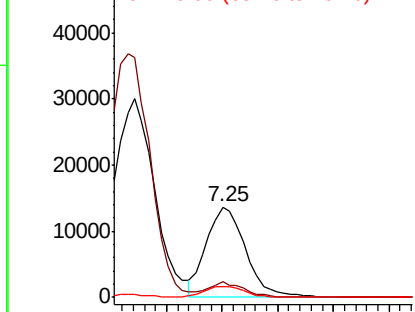
#37
 Ethyl Acetate
 Concen: 67.036 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 33841
 Ion Ratio Lower Upper
 43 100
 61 14.5 12.1 18.1
 70 12.3 10.0 15.0

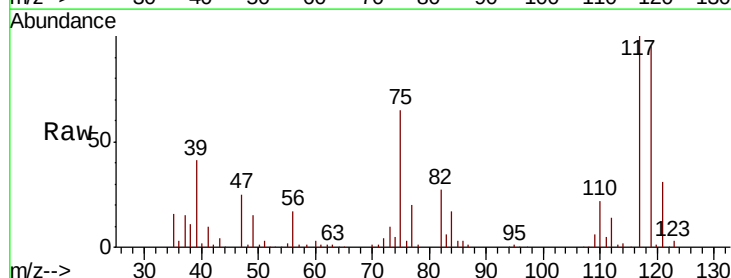


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

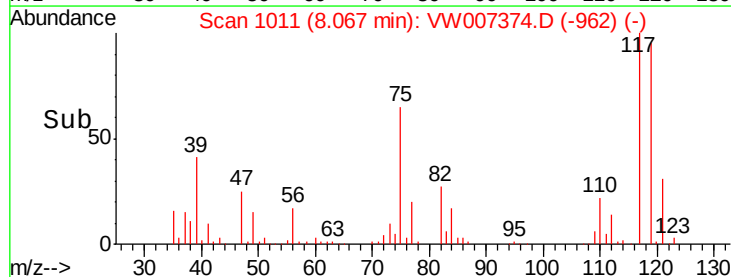
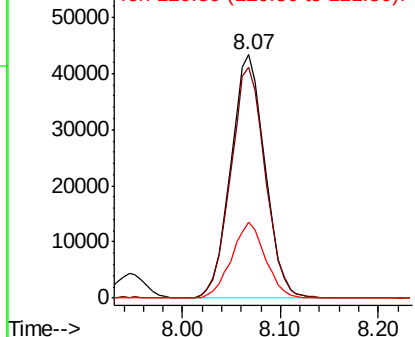


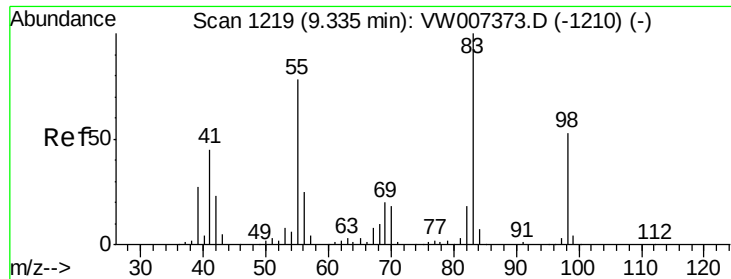
#38
 Carbon Tetrachloride
 Concen: 72.690 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 117 Resp: 105160
 Ion Ratio Lower Upper
 117 100
 119 94.9 74.3 111.5
 121 31.2 24.3 36.5



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

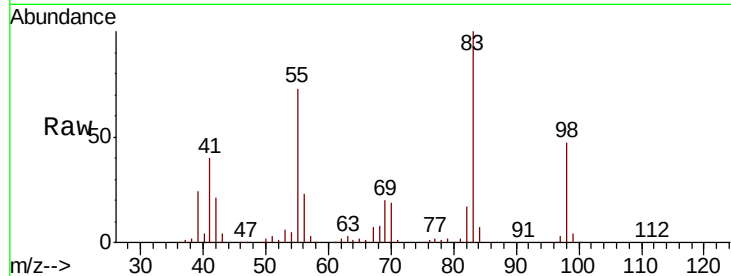




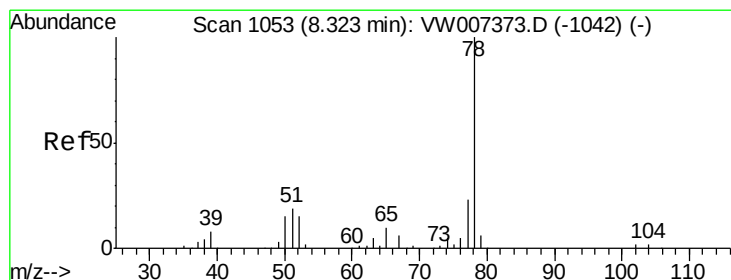
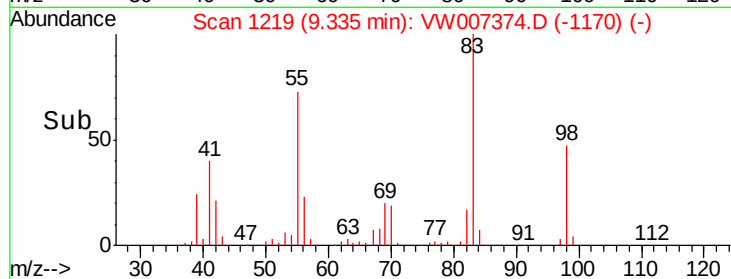
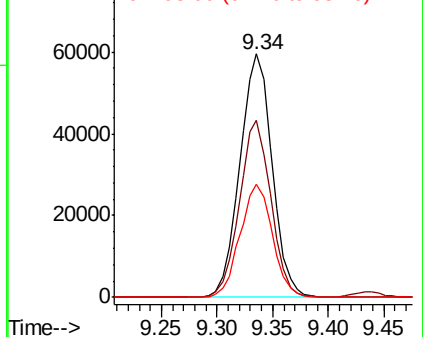
#39
Methylcyclohexane
Concen: 64.723 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 119531
Ion Ratio Lower Upper
83 100
55 72.8 62.8 94.2
98 46.6 42.2 63.2

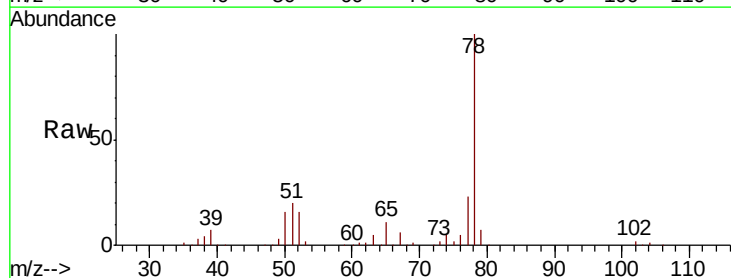


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

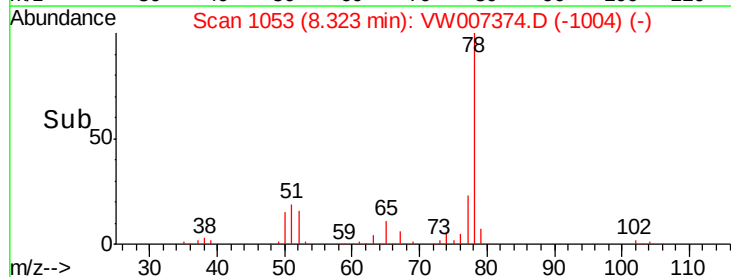
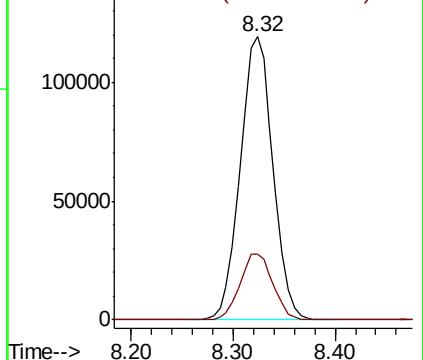


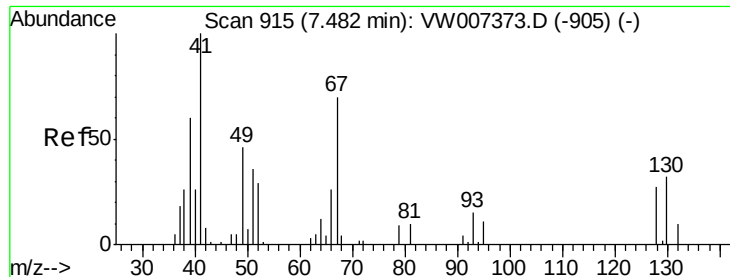
#40
Benzene
Concen: 68.509 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 78 Resp: 263942
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



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

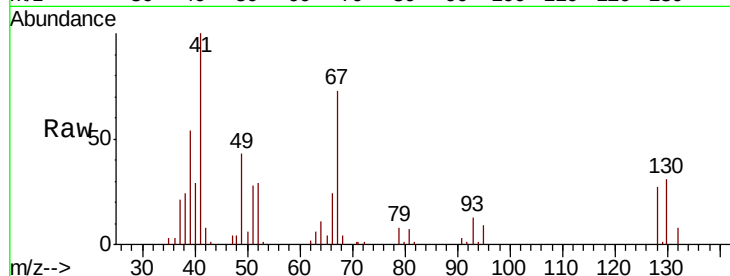




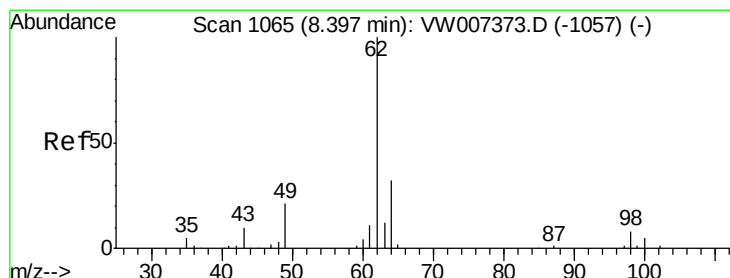
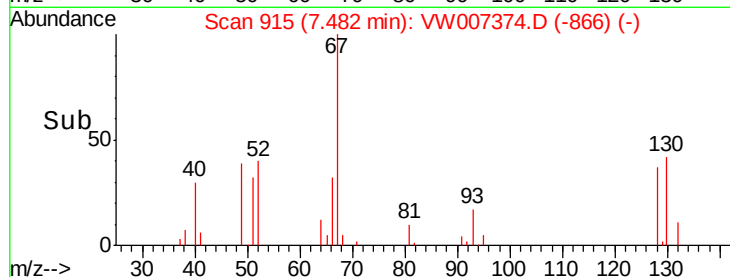
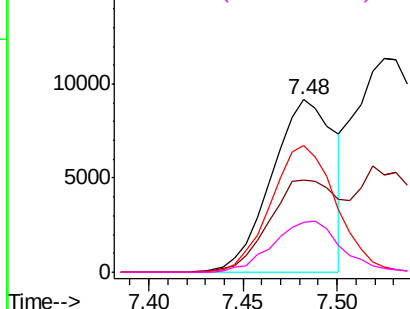
#41
Methacrylonitrile
Concen: 70.645 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 41 Resp: 21278
Ion Ratio Lower Upper
41 100
39 62.5 52.2 78.2
67 76.3 60.5 90.7
52 32.1 25.3 37.9

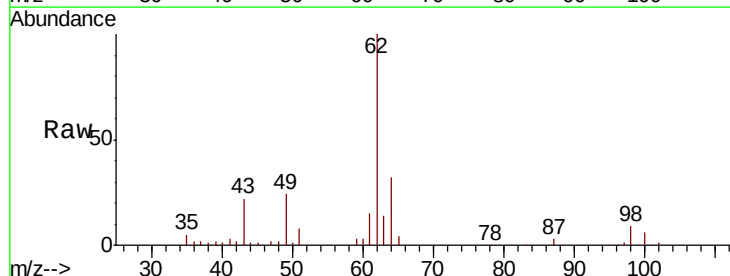


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

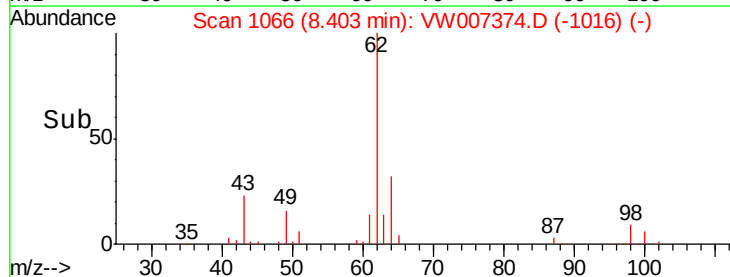
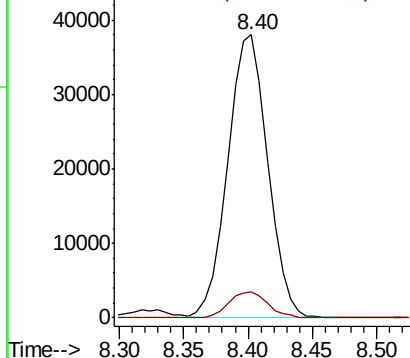


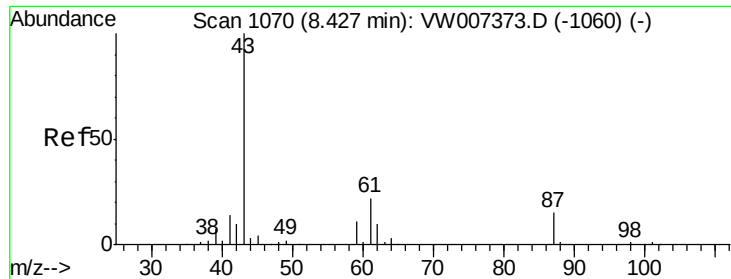
#42
1,2-Dichloroethane
Concen: 74.288 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 62 Resp: 81908
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 70.904 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

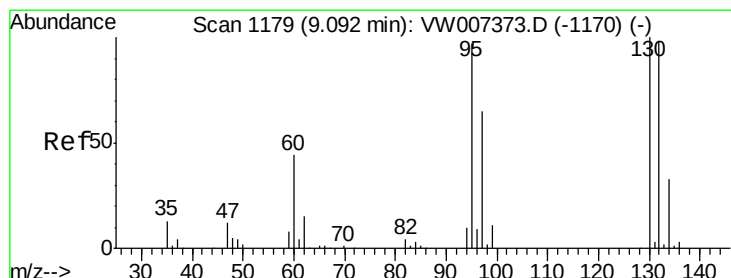
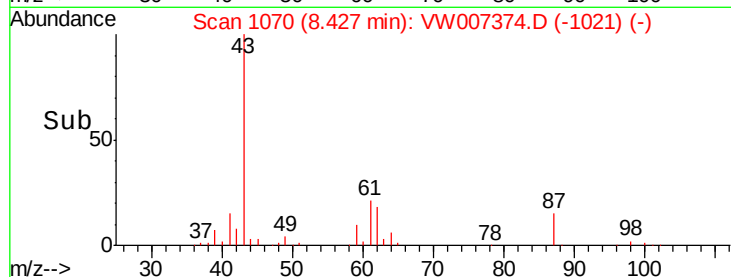
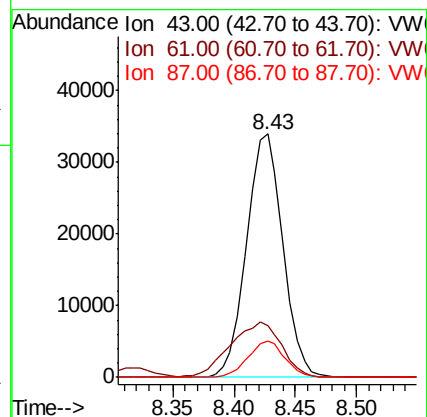
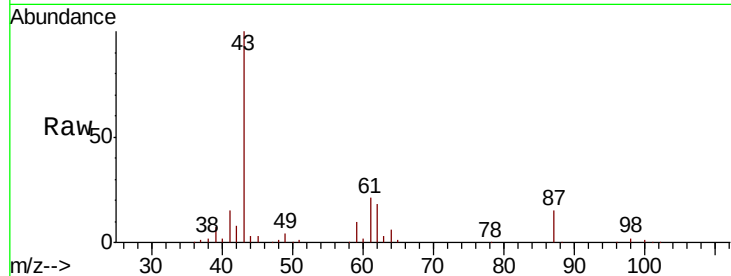
Tgt Ion: 43 Resp: 70114

Ion Ratio Lower Upper

43 100

61 31.9 25.3 37.9

87 15.0 11.8 17.8



#44

Trichloroethene

Concen: 69.555 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007374.D

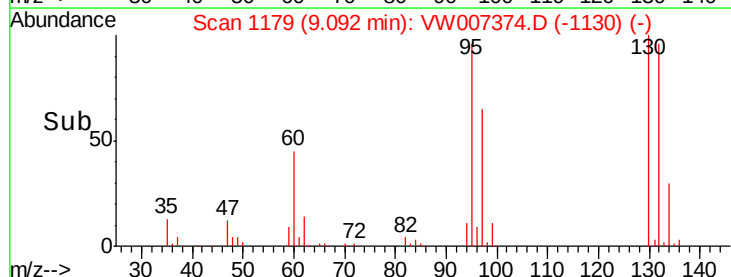
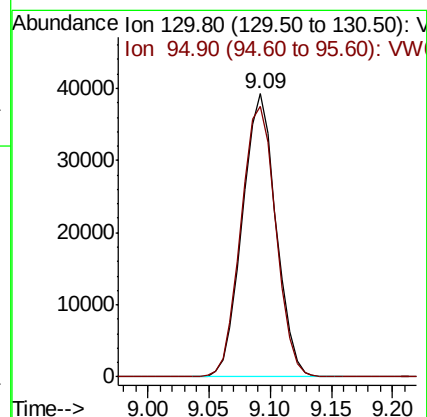
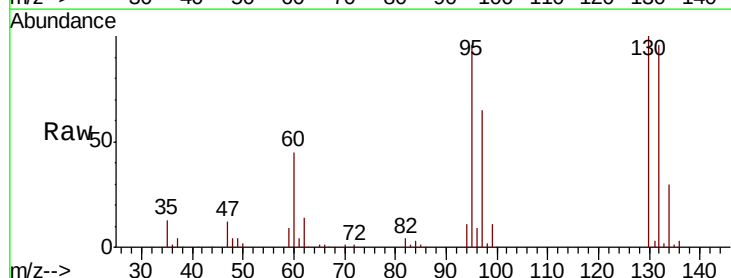
Acq: 11 Dec 2018 00:31

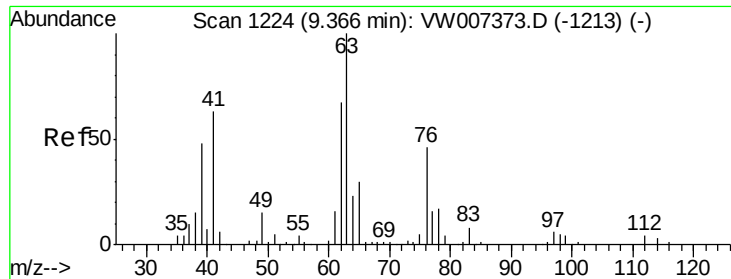
Tgt Ion: 130 Resp: 75039

Ion Ratio Lower Upper

130 100

95 95.7 0.0 193.2

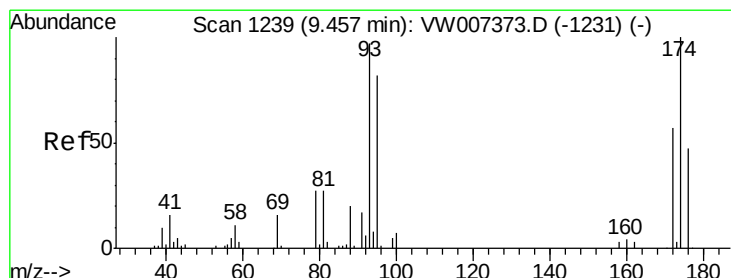
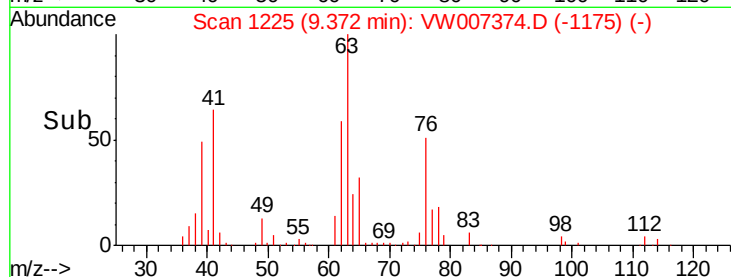
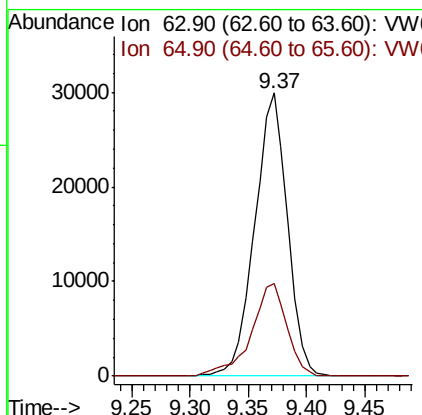
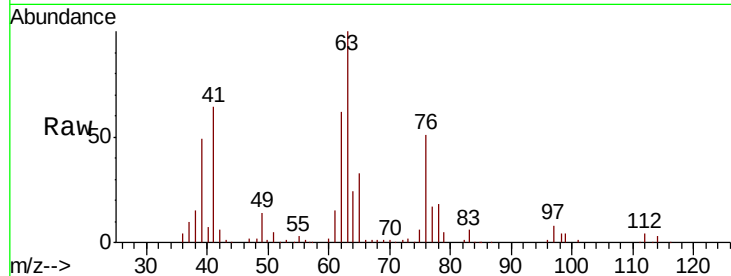




#45
 1,2-Dichloropropane
 Concen: 65.325 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

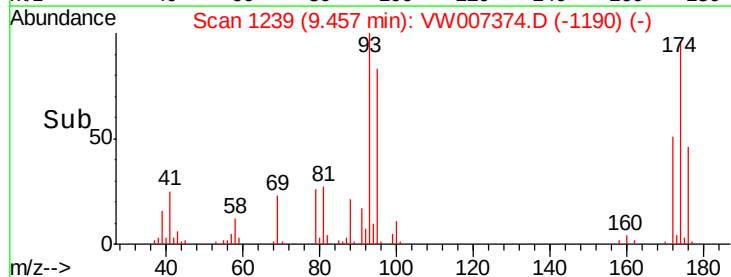
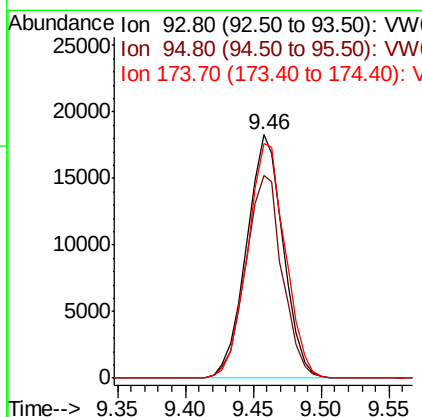
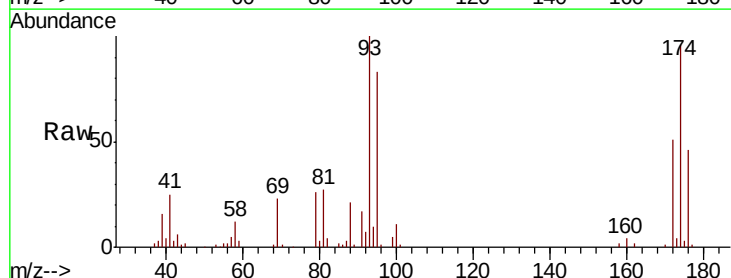
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

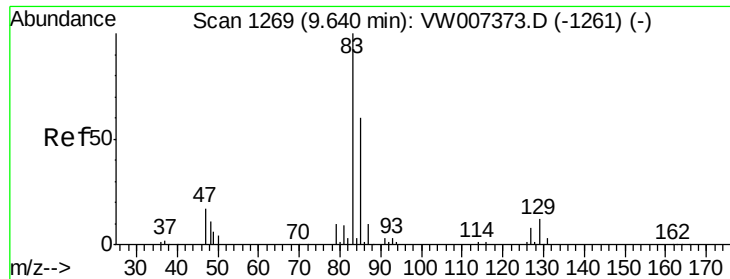
Tgt Ion: 63 Resp: 58626
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.4 36.6



#46
 Dibromomethane
 Concen: 73.026 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 93 Resp: 34552
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.0 102.0
 174 99.4 83.2 124.8





#47

Bromodichloromethane

Concen: 72.425 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

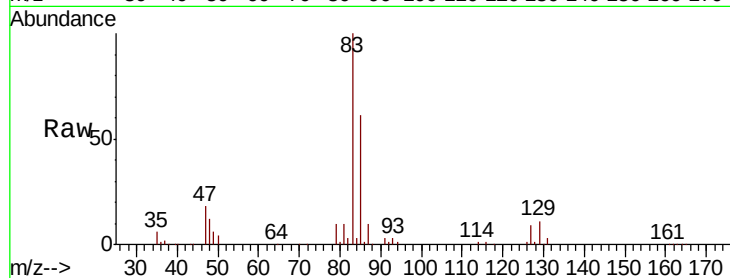
Tgt Ion: 83 Resp: 90223

Ion Ratio Lower Upper

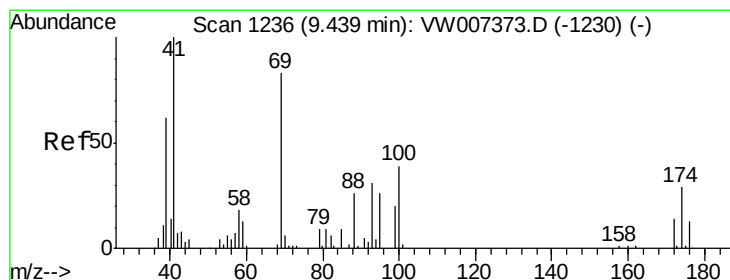
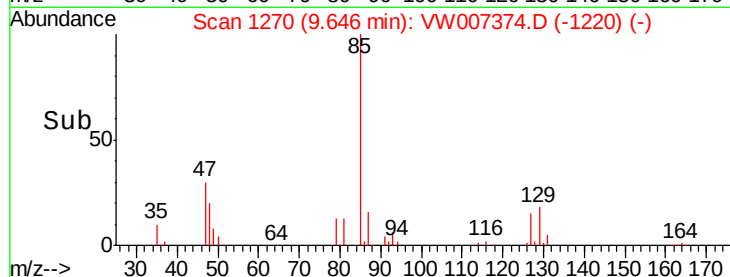
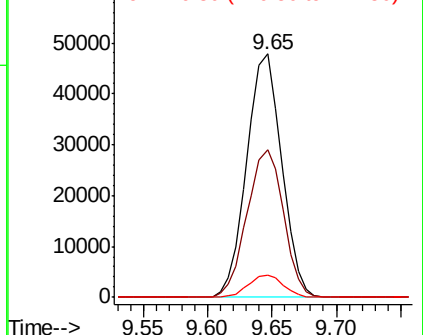
83 100

85 60.6 47.6 71.4

127 8.9 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: 68.932 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

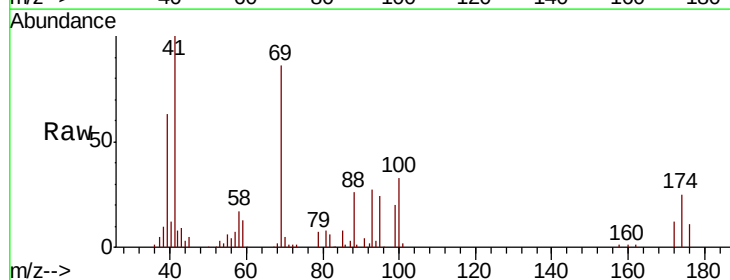
Tgt Ion: 41 Resp: 35043

Ion Ratio Lower Upper

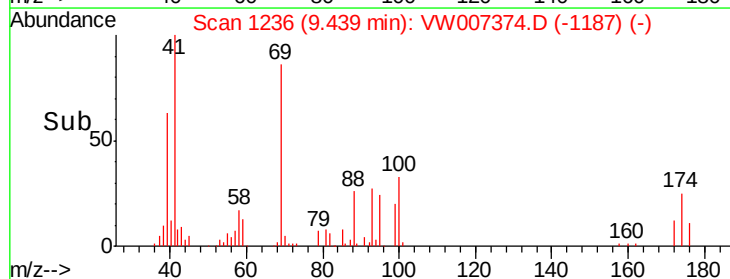
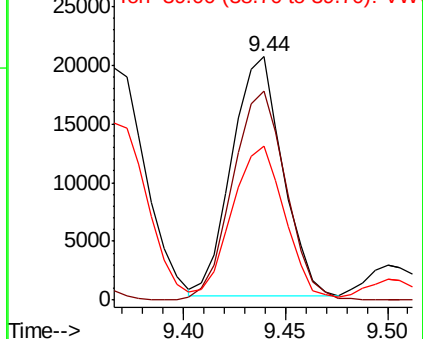
41 100

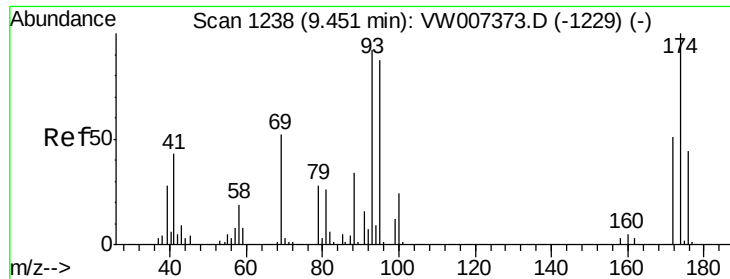
69 92.4 69.8 104.8

39 67.8 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

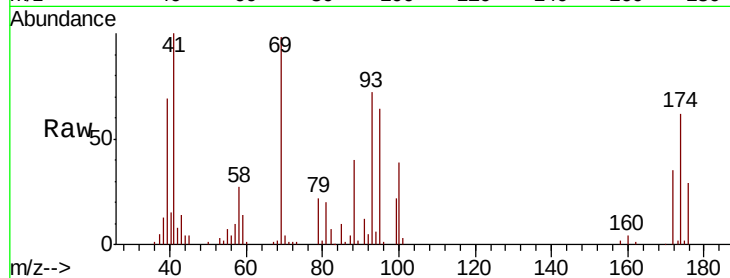




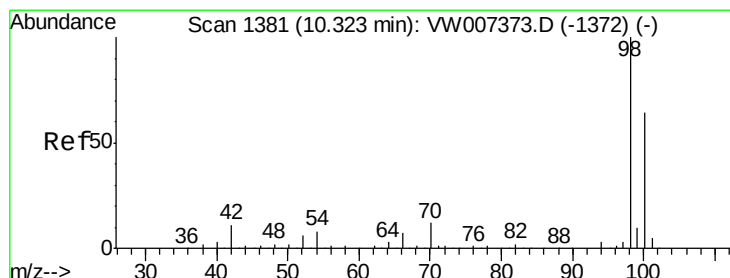
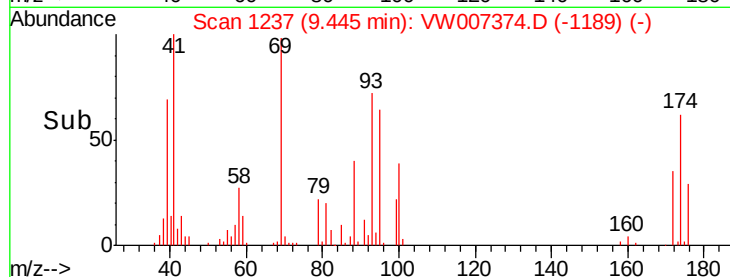
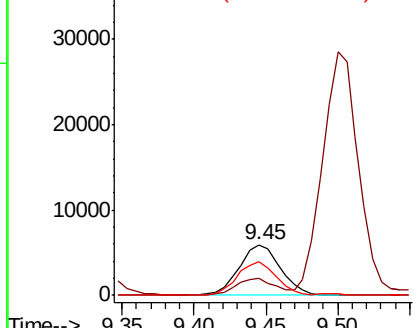
#49
 1,4-Dioxane
 Concen: 1445.580 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 88 Resp: 11761
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.0 37.4
 58 63.3 51.4 77.2

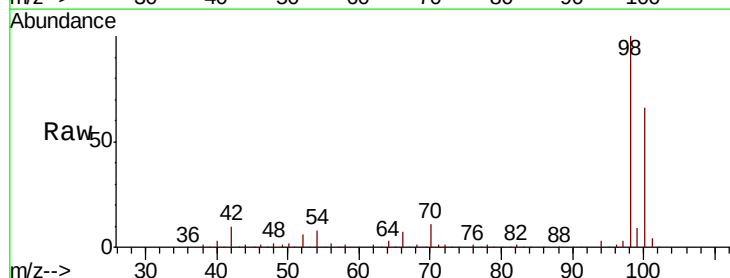


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

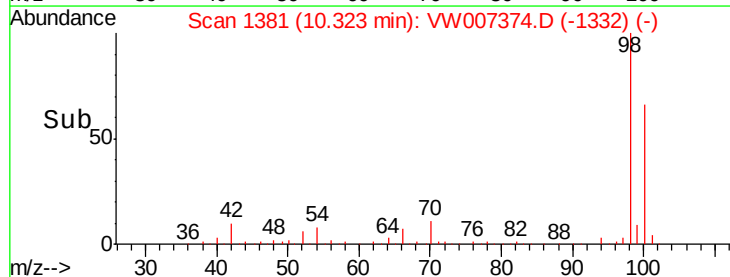
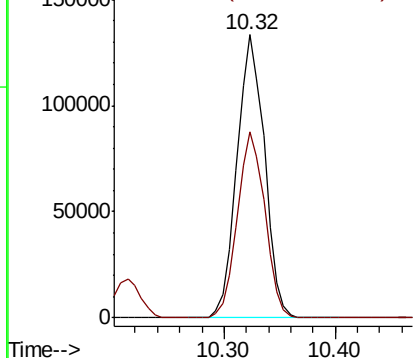


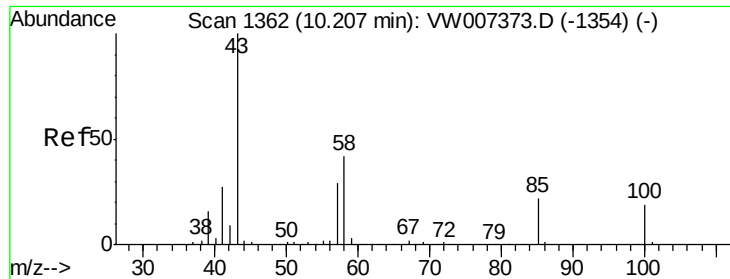
#50
 Toluene-d8
 Concen: 62.952 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 98 Resp: 228612
 Ion Ratio Lower Upper
 98 100
 100 65.7 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: 360.421 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

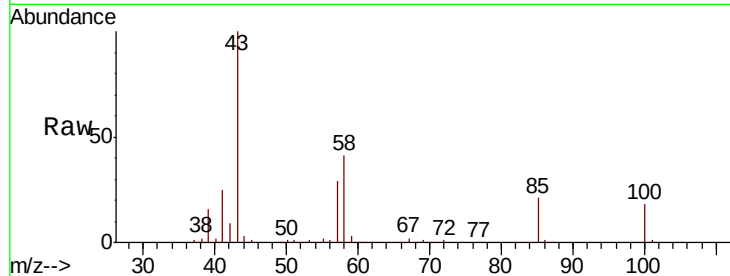
VSTDIC075

Tgt Ion: 43 Resp: 173419

Ion Ratio Lower Upper

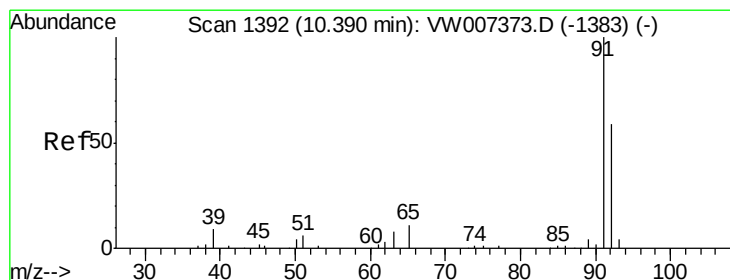
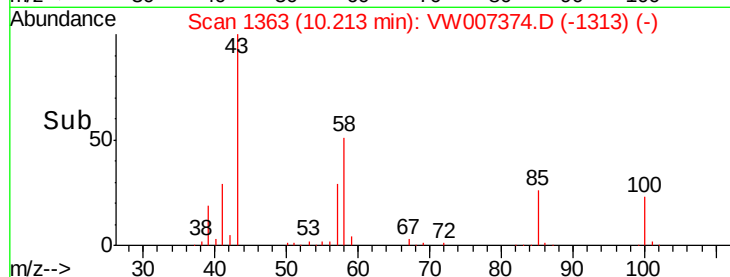
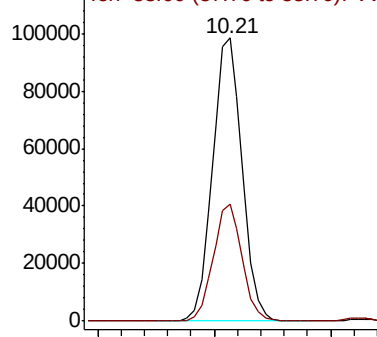
43 100

58 40.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 64.661 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007374.D

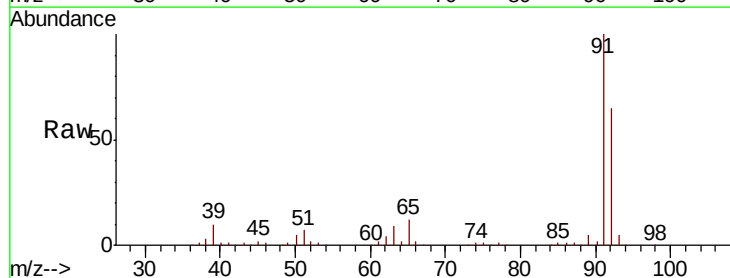
Acq: 11 Dec 2018 00:31

Tgt Ion: 92 Resp: 171657

Ion Ratio Lower Upper

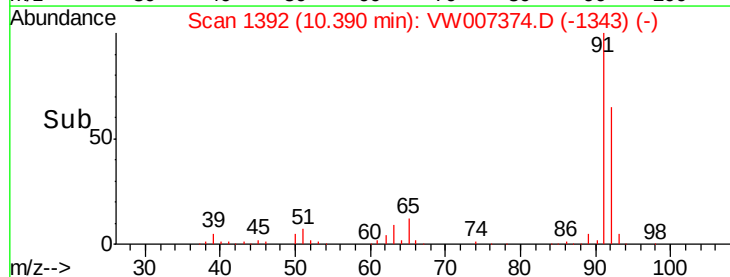
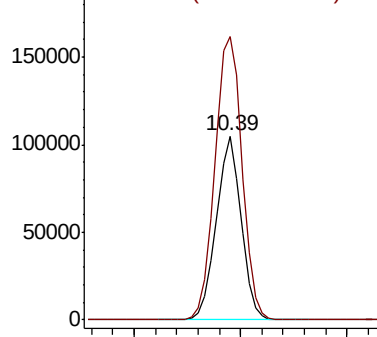
92 100

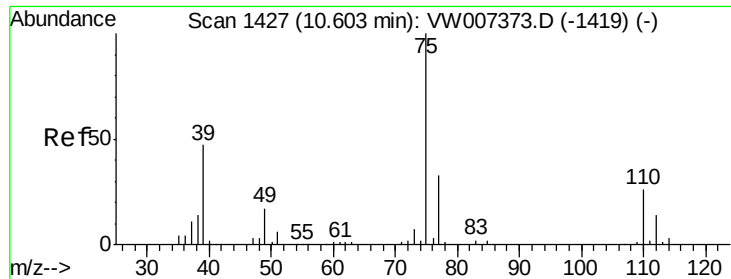
91 168.0 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 71.285 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

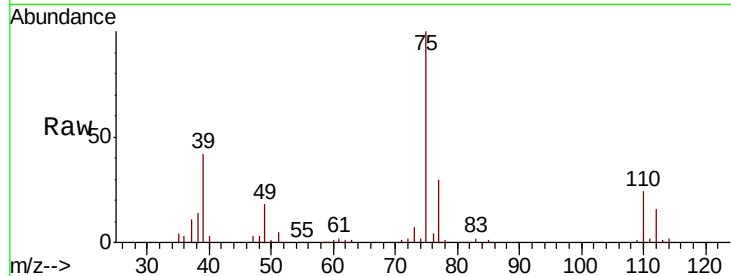
VSTDIC075

Tgt Ion: 75 Resp: 88069

Ion Ratio Lower Upper

75 100

77 29.5 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

60000

50000

40000

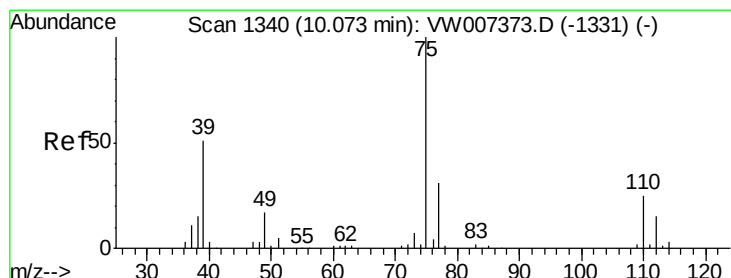
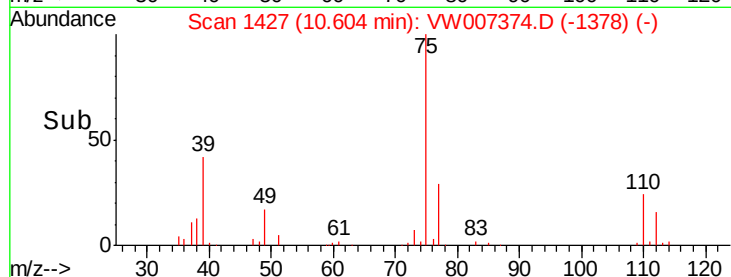
30000

20000

10000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 70.414 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

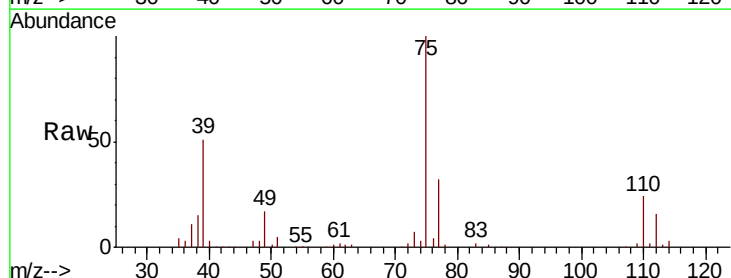
Tgt Ion: 75 Resp: 101732

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 51.2 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

80000

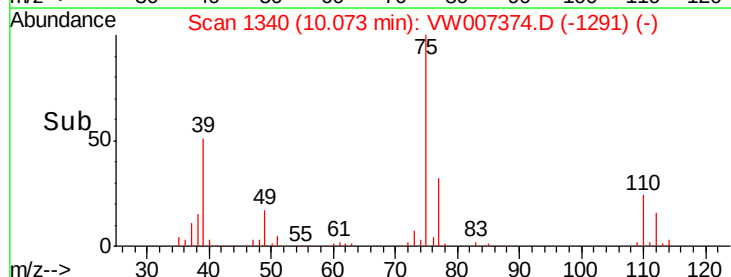
60000

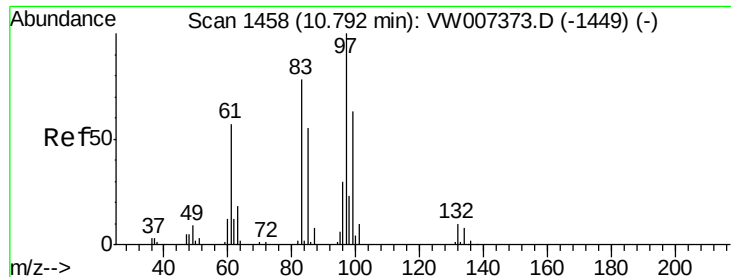
40000

20000

0

Time--> 10.00 10.10

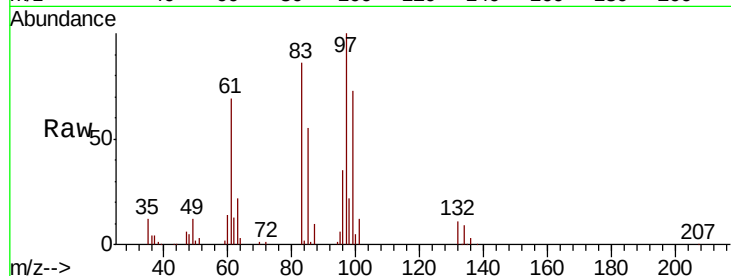




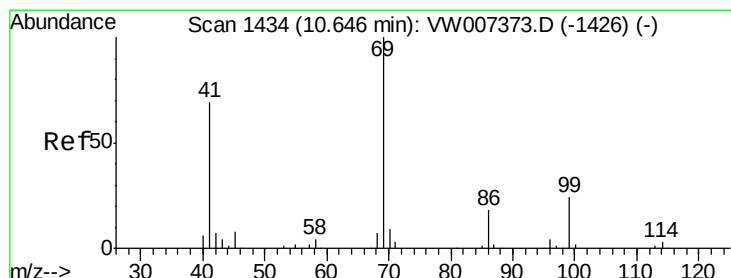
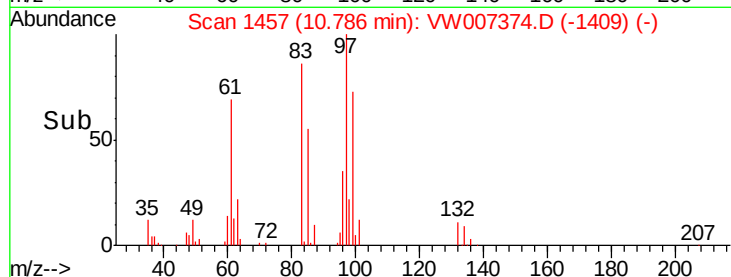
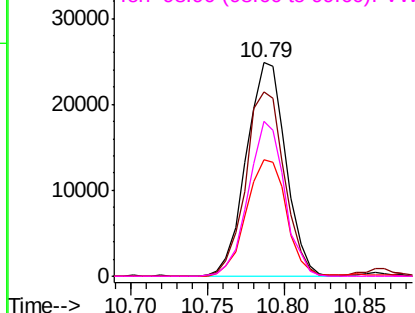
#55
 1,1,2-Trichloroethane
 Concen: 66.940 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	44685
Ion	Ratio	Lower	Upper
97	100		
83	86.1	62.1	93.1
85	54.5	44.2	66.4
99	72.7	50.2	75.4

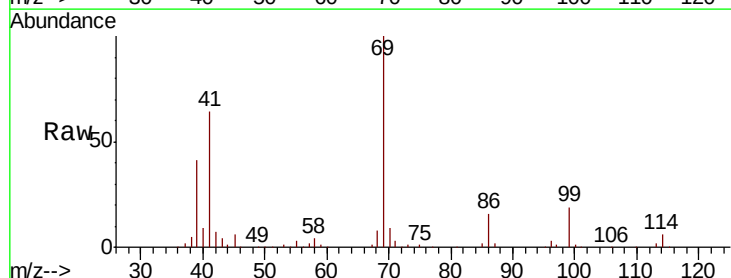


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

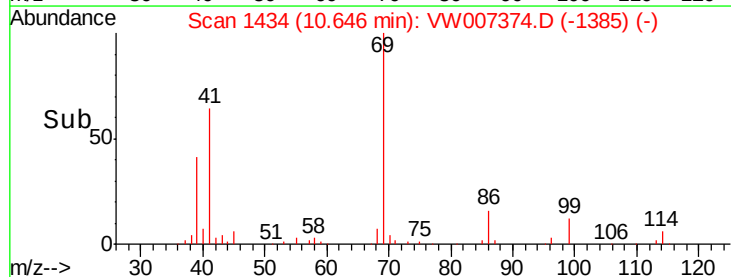
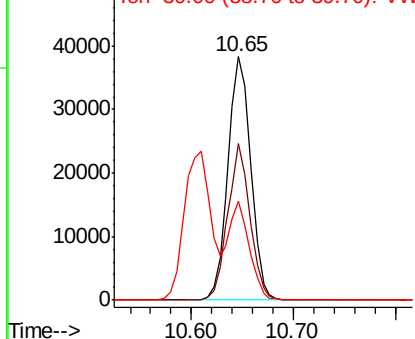


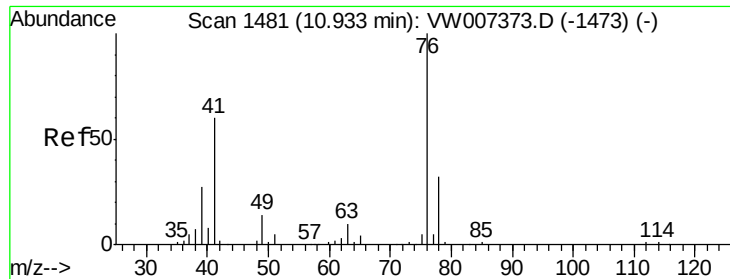
#56
 Ethyl methacrylate
 Concen: 69.112 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion:	69	Resp:	59077
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.6
39	37.3	30.8	46.2



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

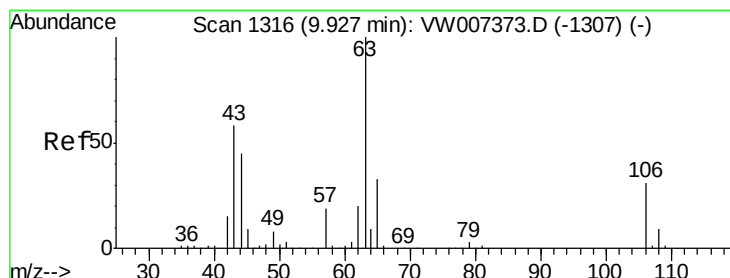
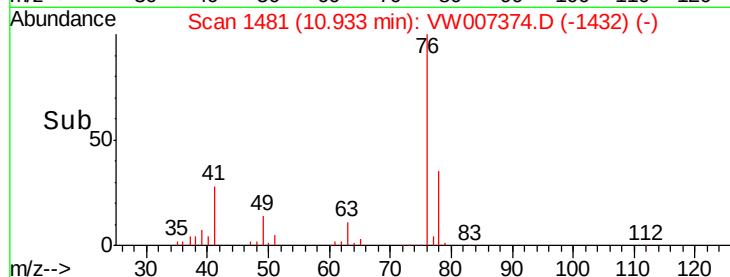
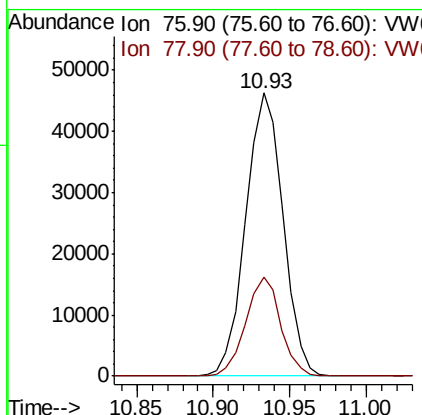
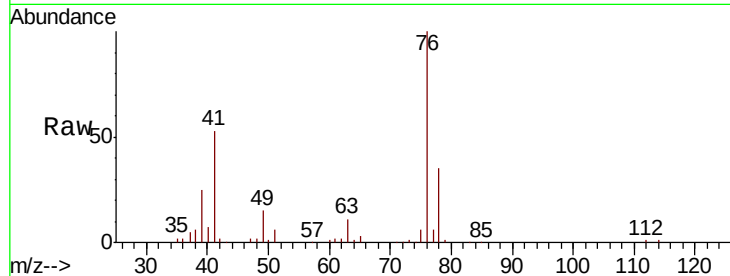




#57
 1,3-Dichloropropane
 Concen: 70.144 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

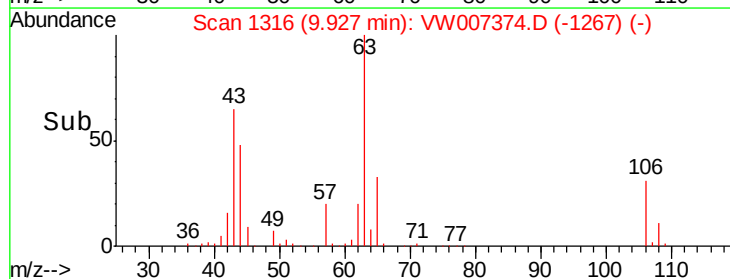
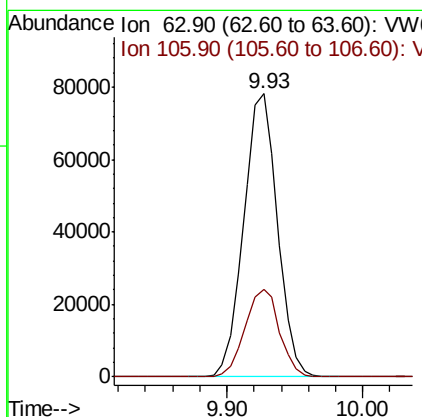
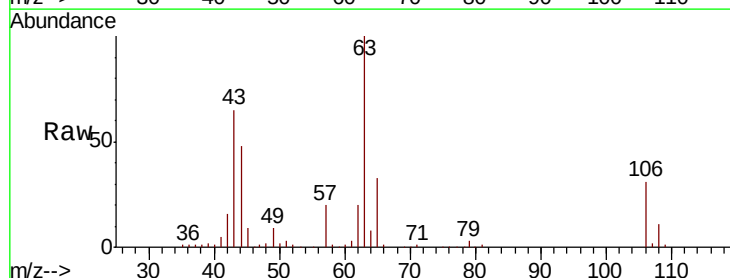
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

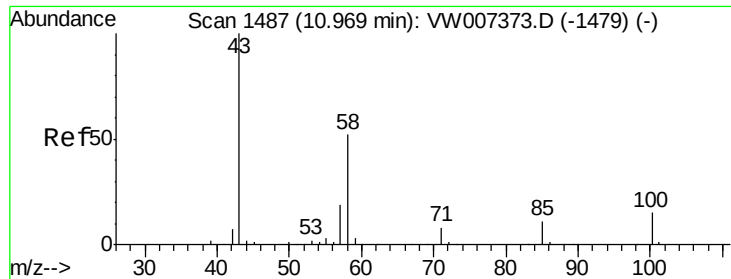
Tgt Ion: 76 Resp: 78514
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 377.921 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 63 Resp: 135673
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6

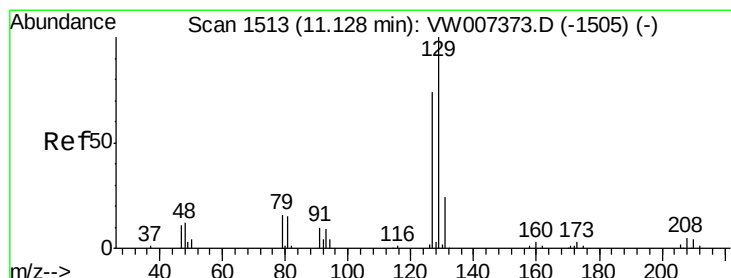
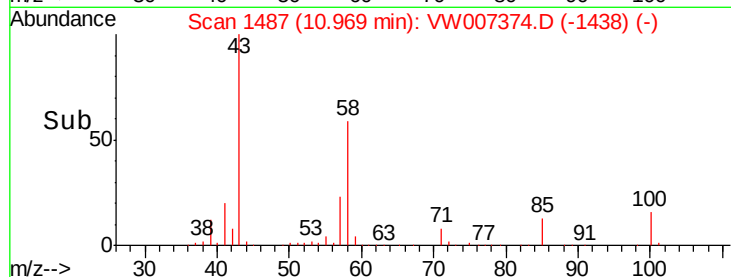
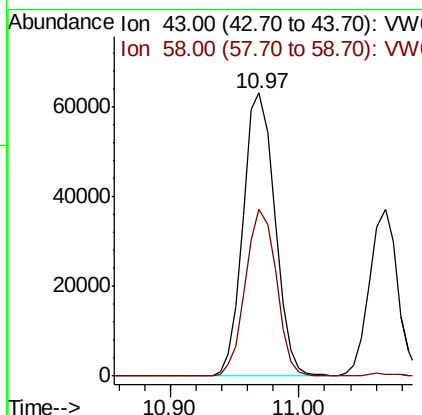
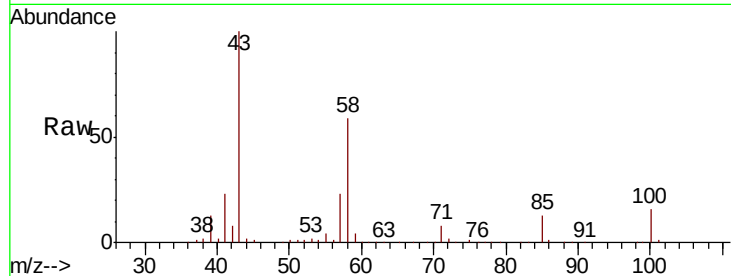




#59
2-Hexanone
Concen: 313.984 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

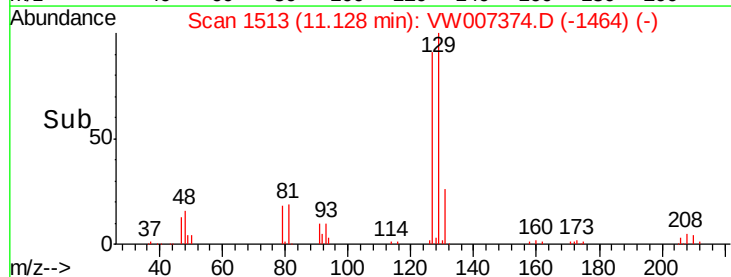
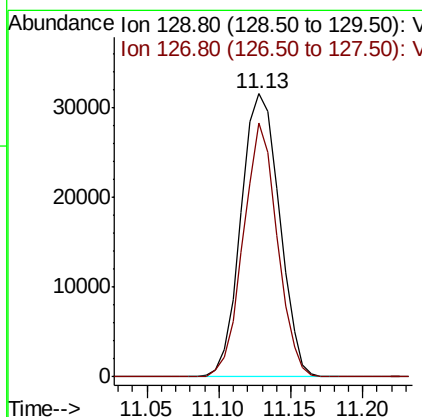
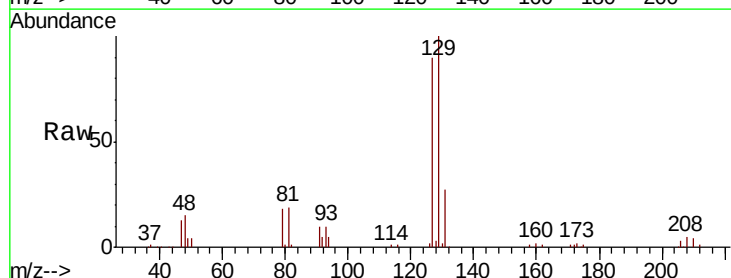
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

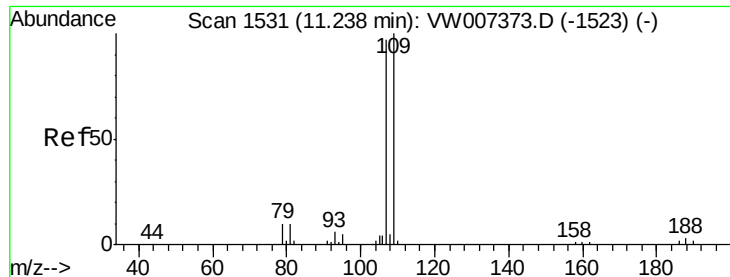
Tgt Ion: 43 Resp: 107601
Ion Ratio Lower Upper
43 100
58 57.0 27.1 81.3



#60
Dibromochloromethane
Concen: 71.000 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 129 Resp: 58582
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.3

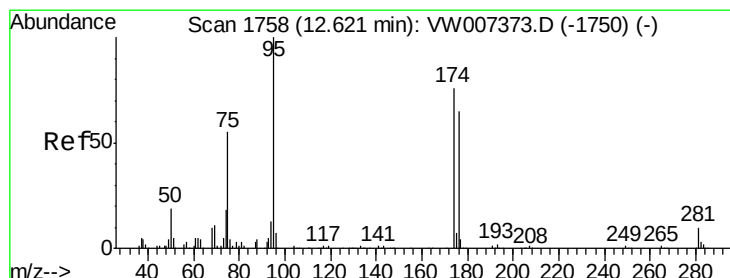
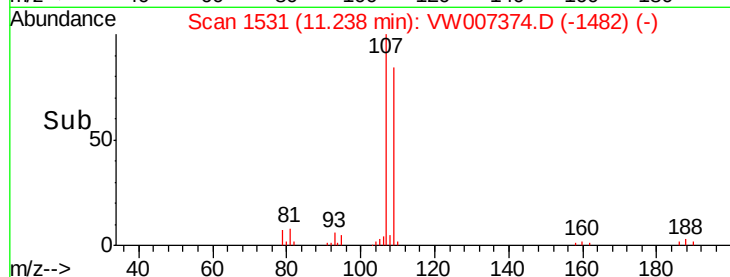
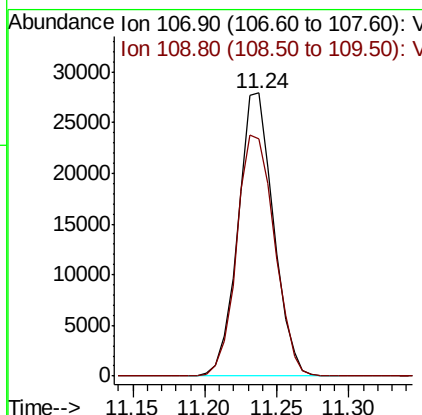
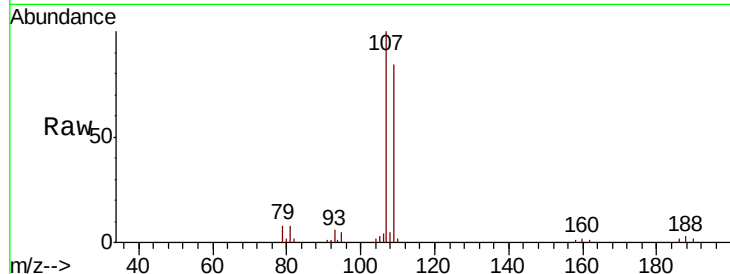




#61
 1,2-Dibromoethane
 Concen: 74.795 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

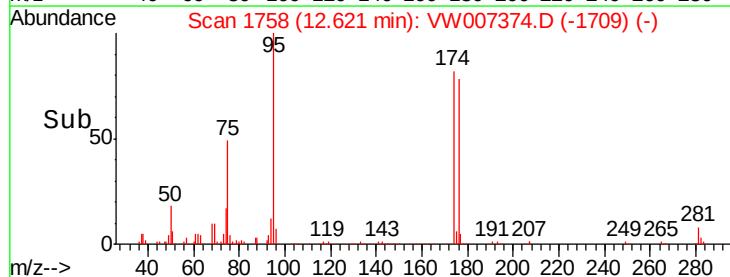
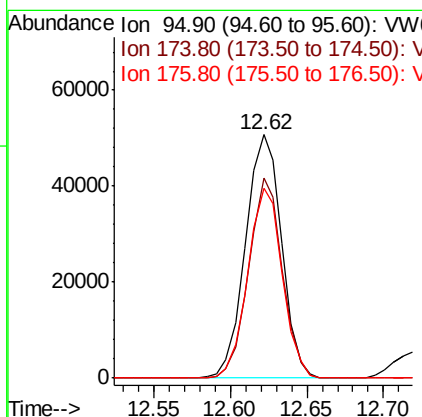
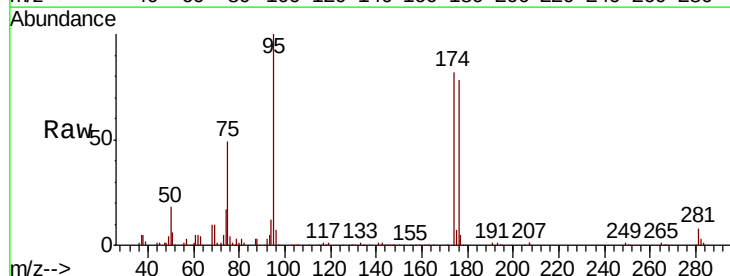
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

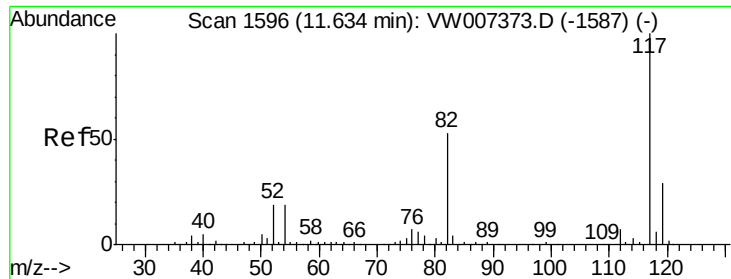
Tgt Ion: 107 Resp: 47571
 Ion Ratio Lower Upper
 107 100
 109 90.9 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 60.942 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 95 Resp: 82946
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 147.2
 176 75.1 0.0 138.8

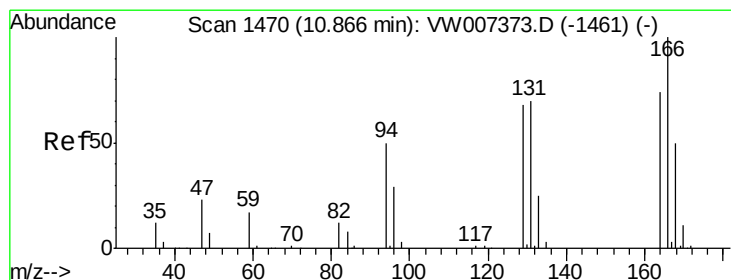
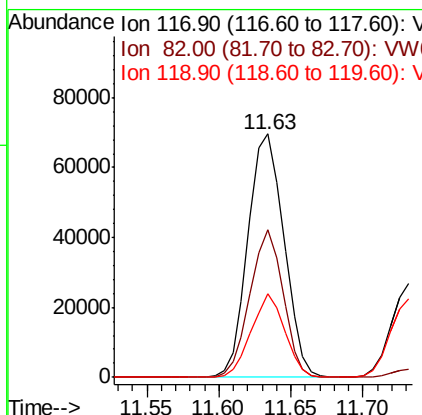
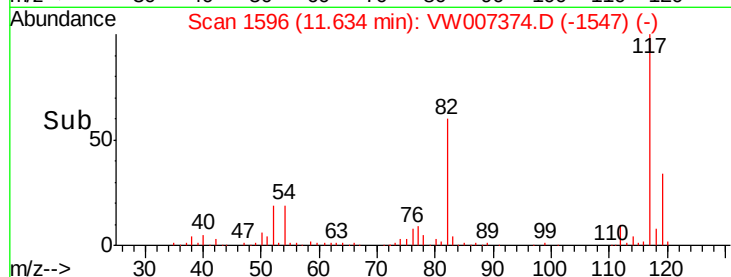
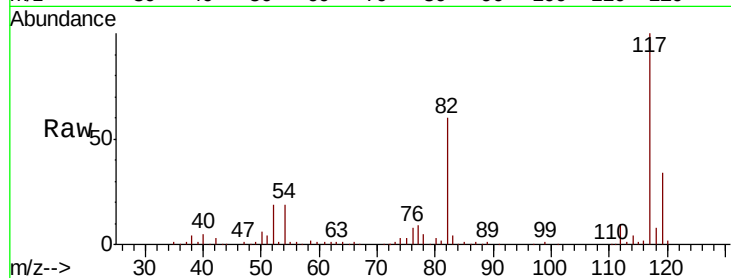




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

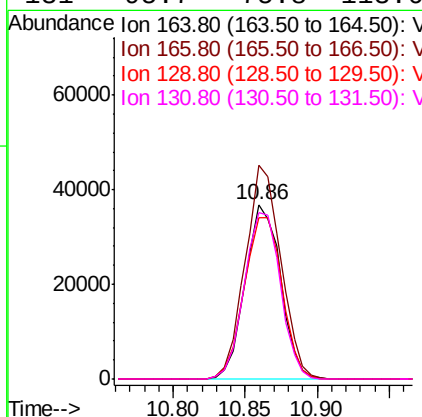
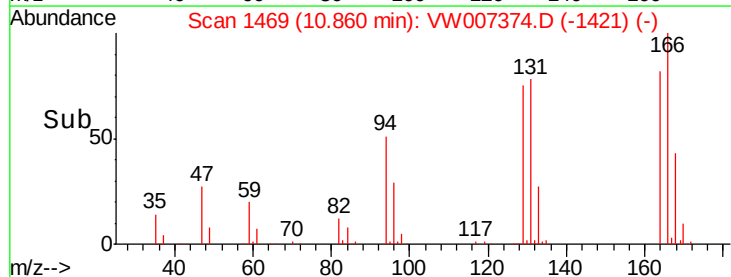
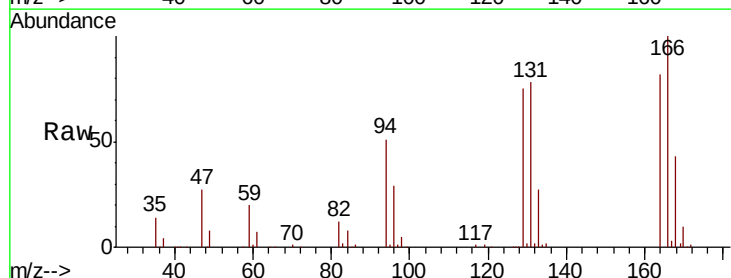
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

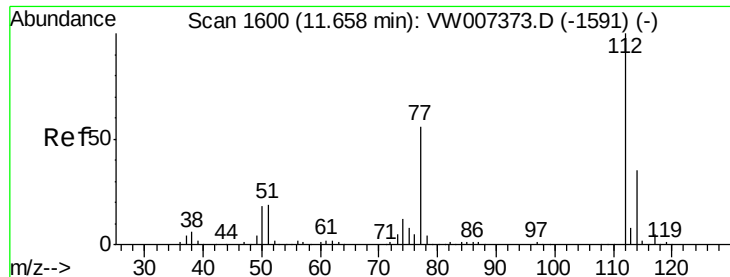
Tgt Ion:117 Resp: 120701
Ion Ratio Lower Upper
117 100
82 60.4 42.3 63.5
119 34.3 23.0 34.6



#64
Tetrachloroethene
Concen: 71.941 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion:164 Resp: 62372
Ion Ratio Lower Upper
164 100
166 122.4 107.9 161.9
129 92.3 73.4 110.2
131 95.7 75.8 113.6

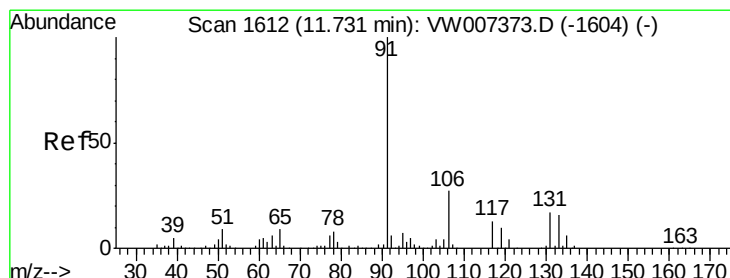
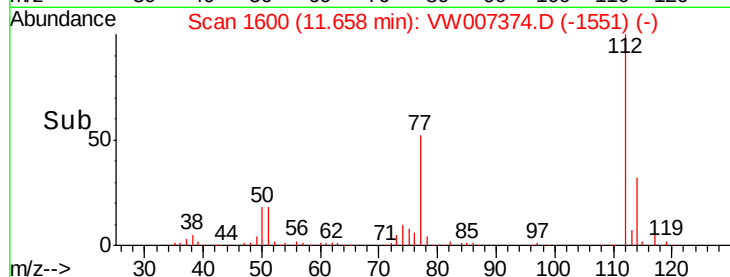
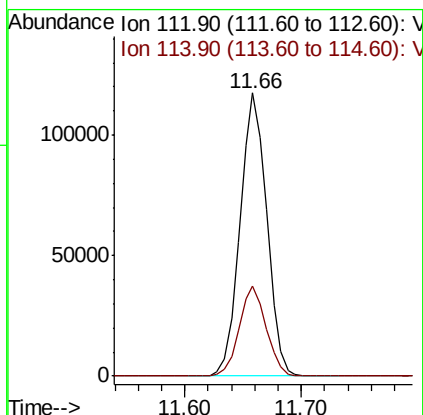
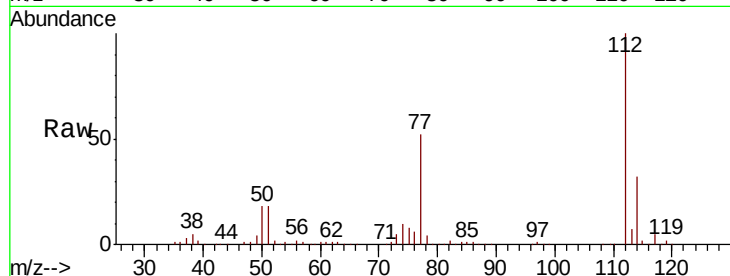




#65
Chlorobenzene
Concen: 71.215 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

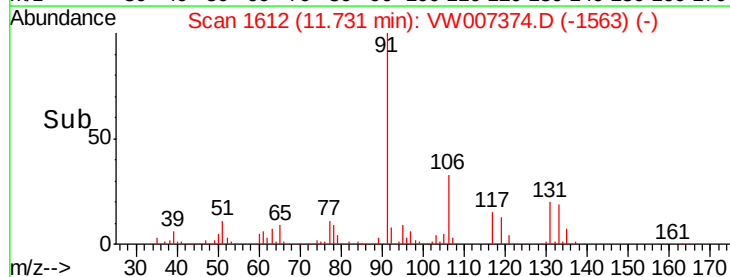
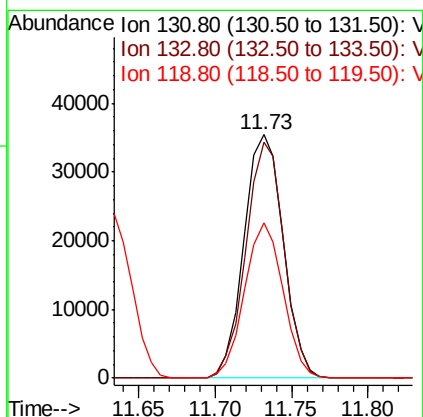
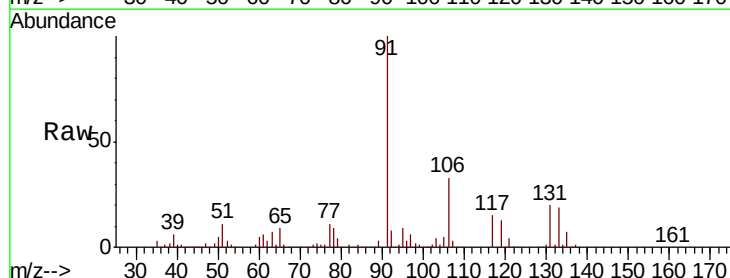
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

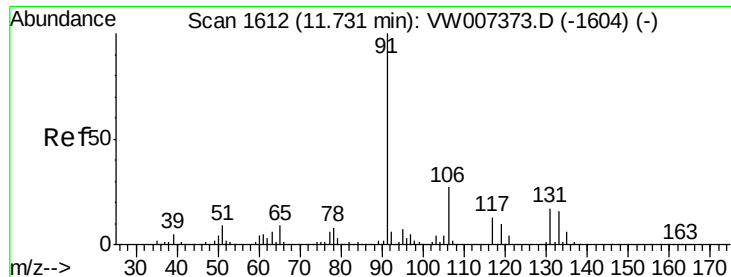
Tgt Ion:112 Resp: 188014
Ion Ratio Lower Upper
112 100
114 31.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 76.131 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion:131 Resp: 63450
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 62.3 31.3 93.9

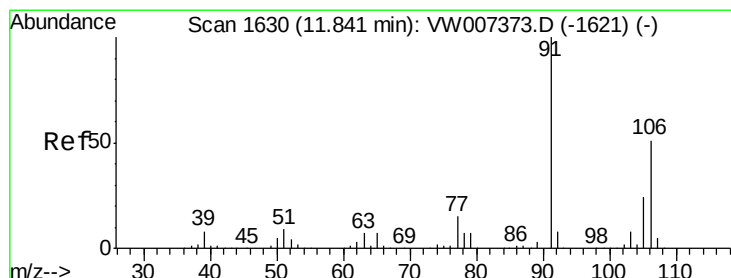
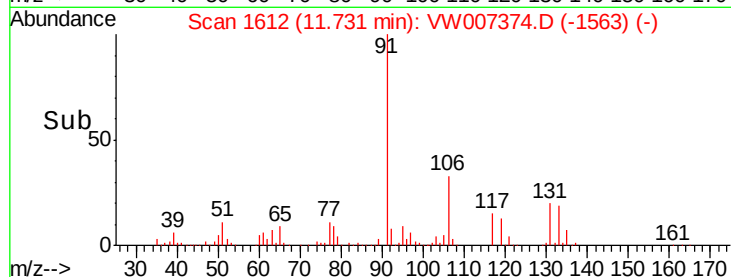
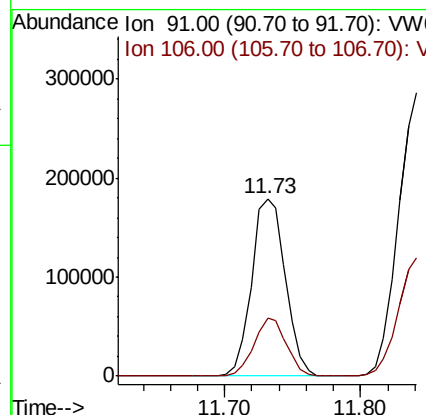
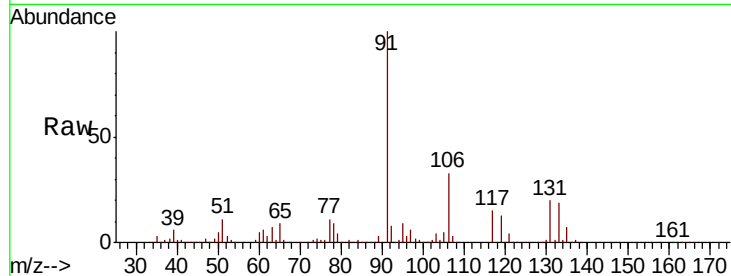




#67
Ethyl Benzene
Concen: 64.691 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

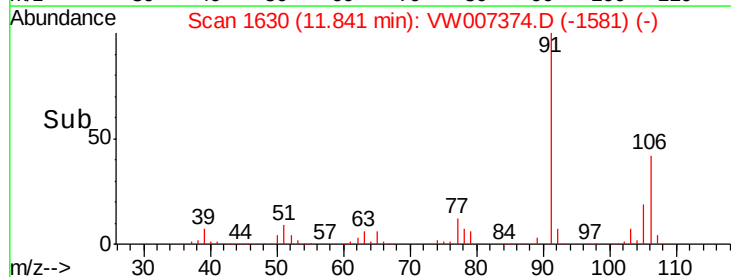
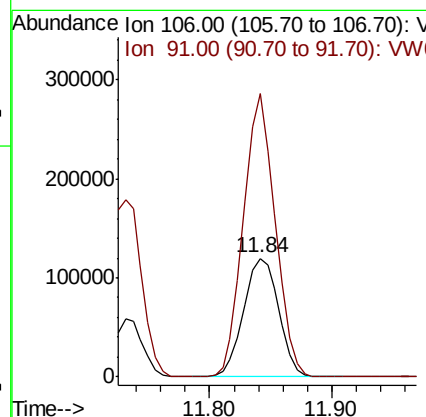
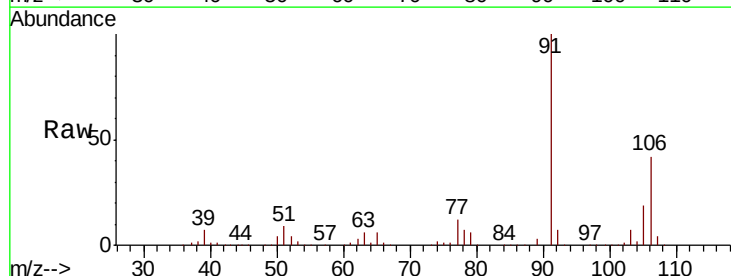
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

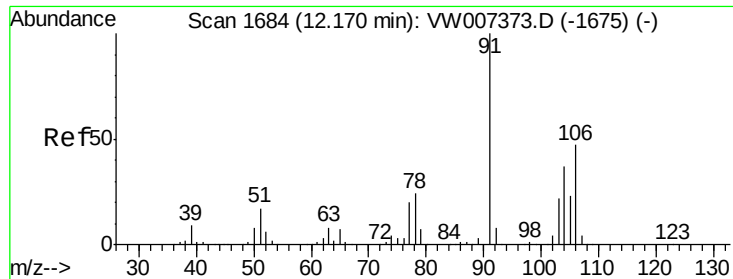
Tgt Ion: 91 Resp: 310651
Ion Ratio Lower Upper
91 100
106 32.7 21.8 32.8



#68
m/p-Xylenes
Concen: 126.939 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 106 Resp: 237664
Ion Ratio Lower Upper
106 100
91 216.7 165.3 247.9

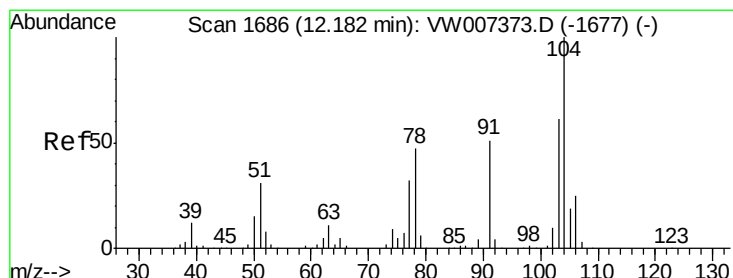
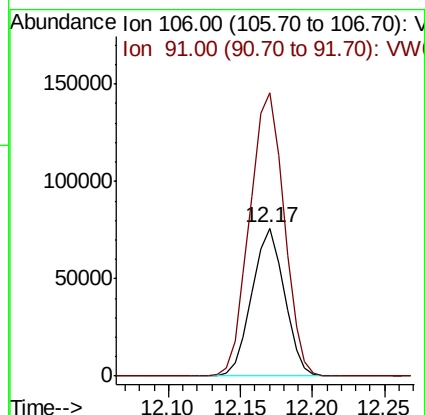
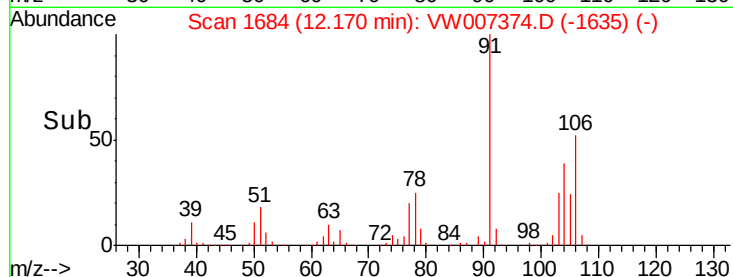
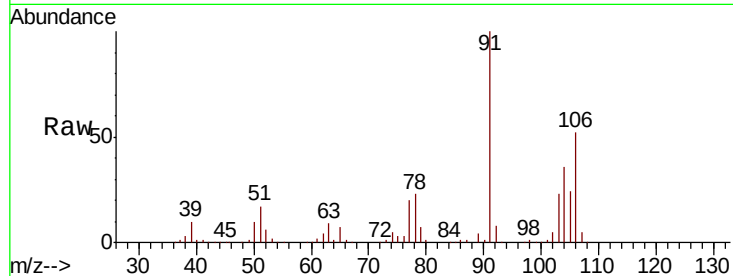




#69
o-Xylene
Concen: 67.177 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

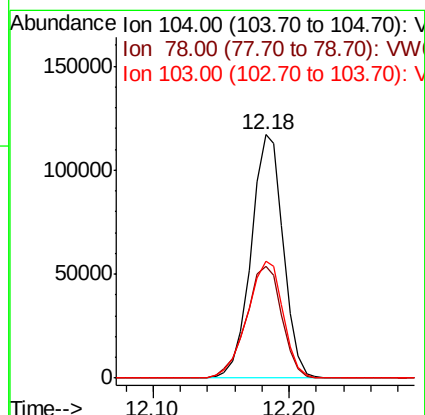
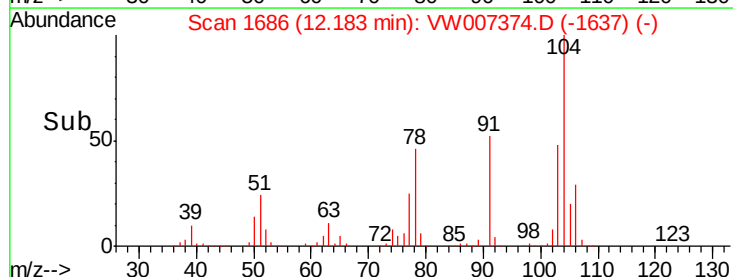
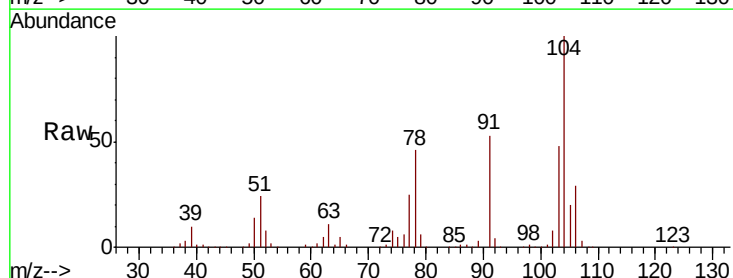
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

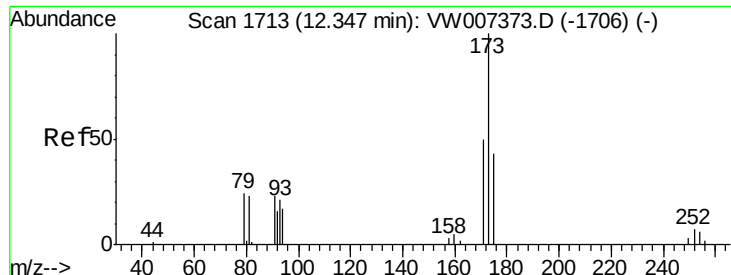
Tgt Ion:106 Resp: 118479
Ion Ratio Lower Upper
106 100
91 203.6 106.6 319.8



#70
Styrene
Concen: 67.398 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion:104 Resp: 193077
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 53.5 46.6 69.8





#71

Bromoform

Concen: 78.941 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

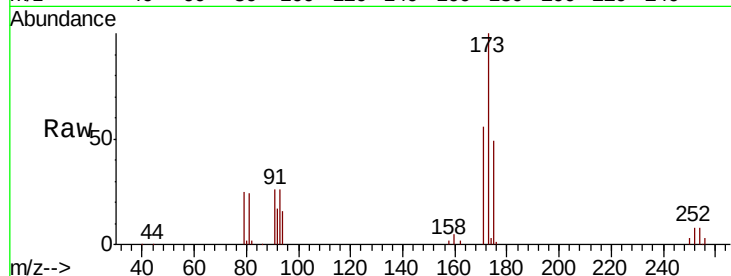
Tgt Ion:173 Resp: 32848

Ion Ratio Lower Upper

173 100

175 49.9 23.6 70.8

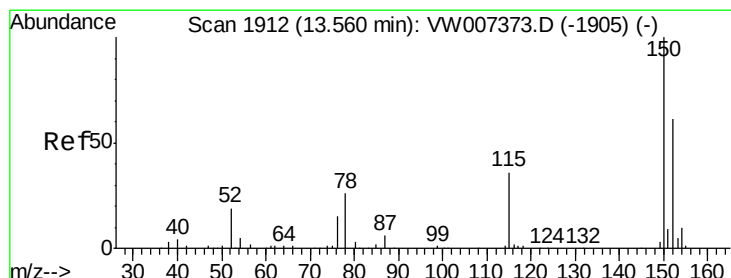
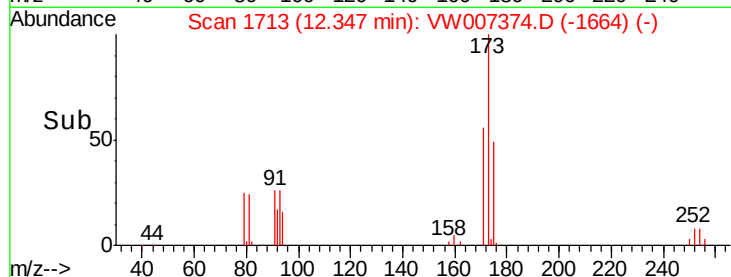
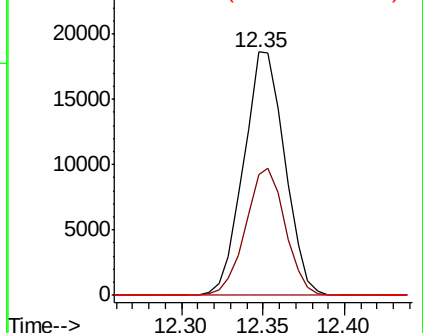
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

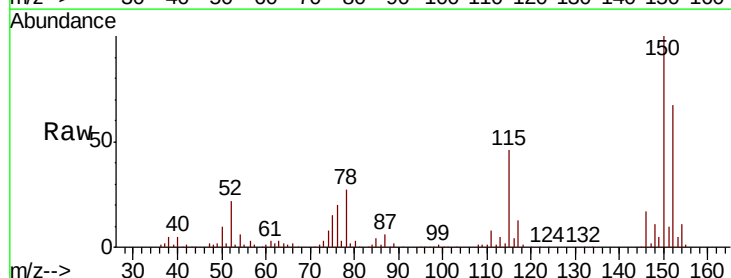
Tgt Ion:152 Resp: 57719

Ion Ratio Lower Upper

152 100

115 65.1 31.4 94.2

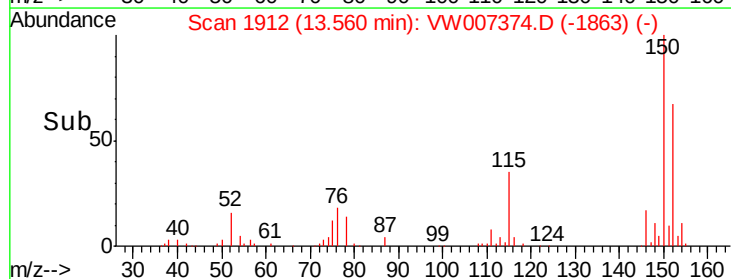
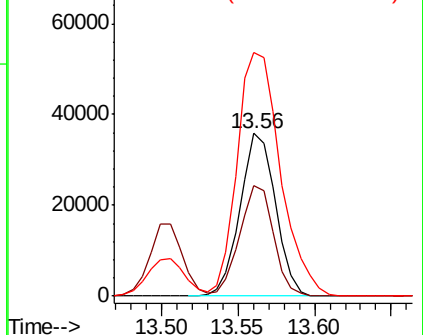
150 182.3 0.0 358.4

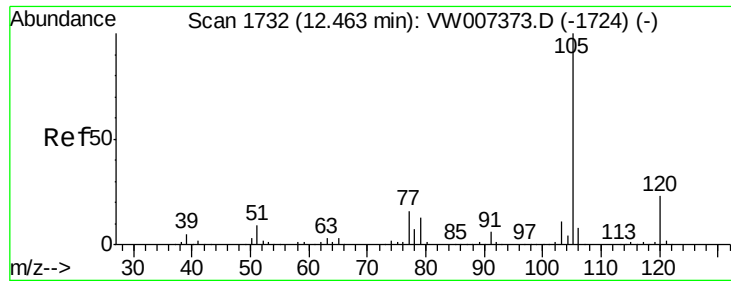


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 70.254 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

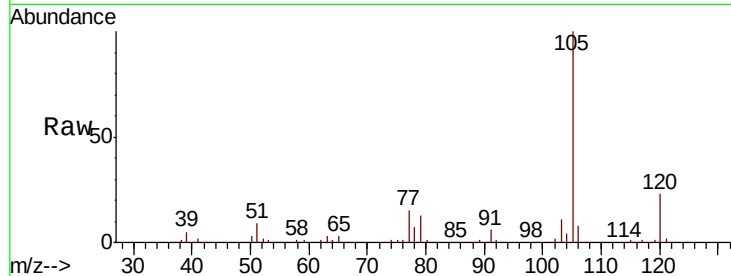
VSTDIC075

Tgt Ion: 105 Resp: 324332

Ion Ratio Lower Upper

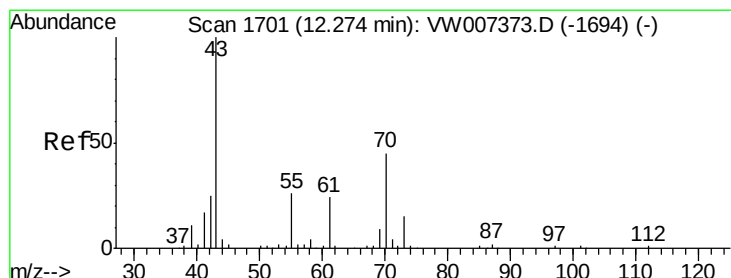
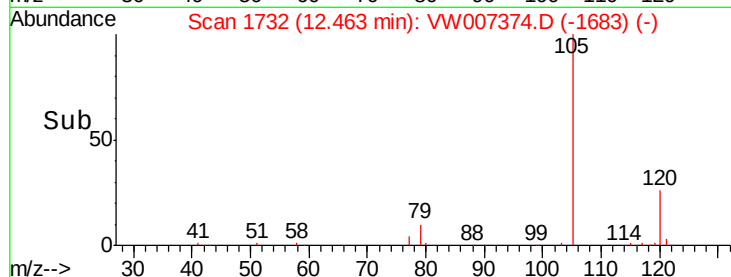
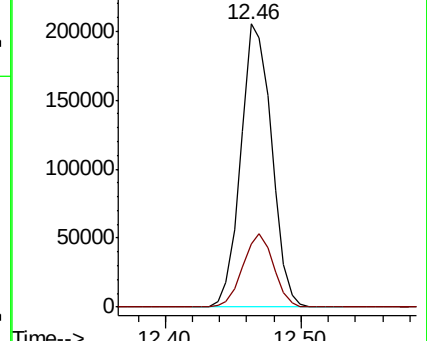
105 100

120 25.8 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: 74.149 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Tgt Ion: 43 Resp: 60316

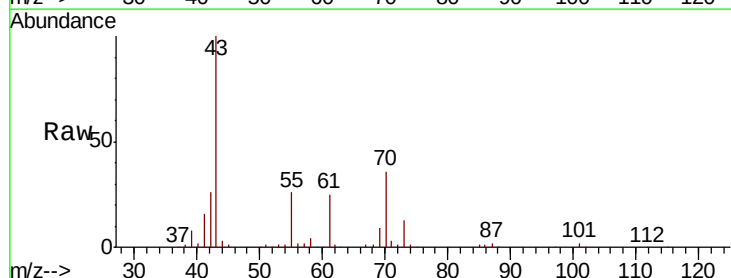
Ion Ratio Lower Upper

43 100

70 43.0 36.5 54.7

55 26.2 20.1 30.1

61 25.0 19.3 28.9

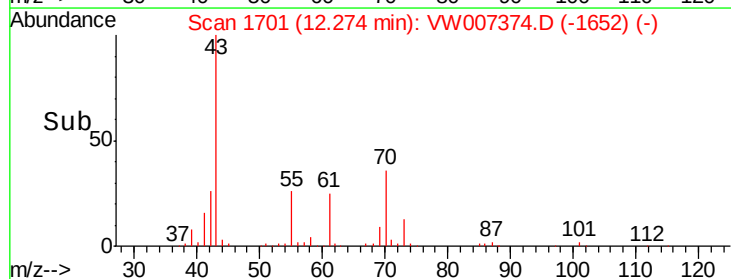
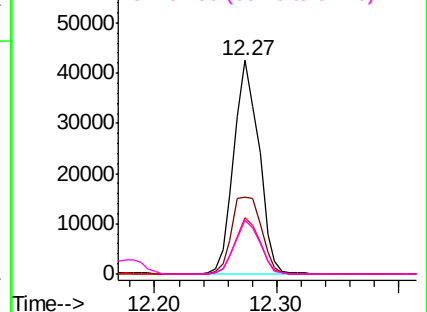


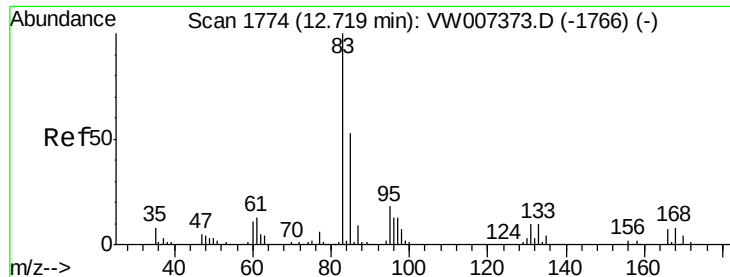
Abundance Ion 43.00 (42.70 to 43.70): VW

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

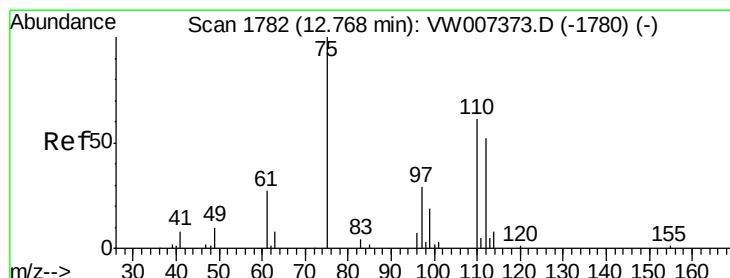
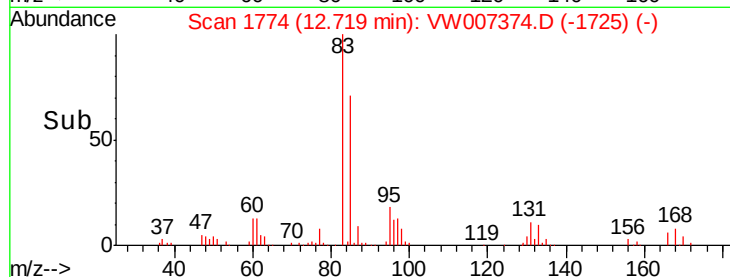
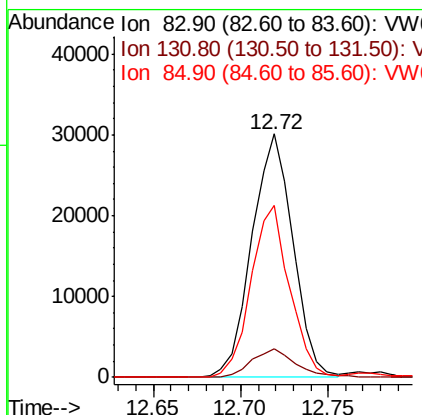
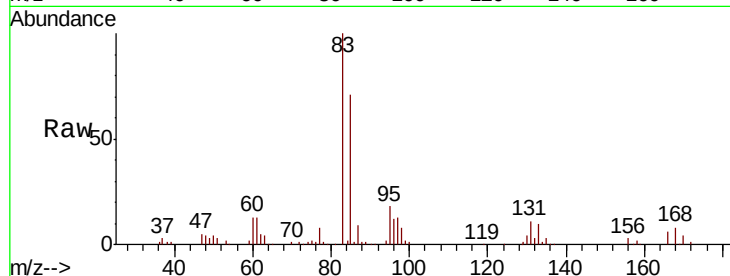




#75
 1,1,2,2-Tetrachloroethane
 Concen: 79.262 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

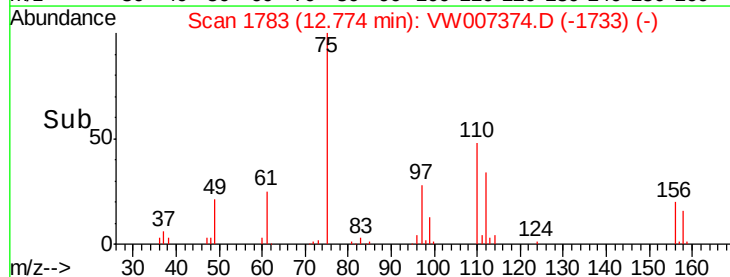
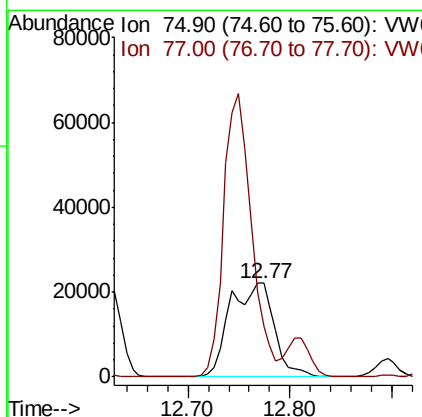
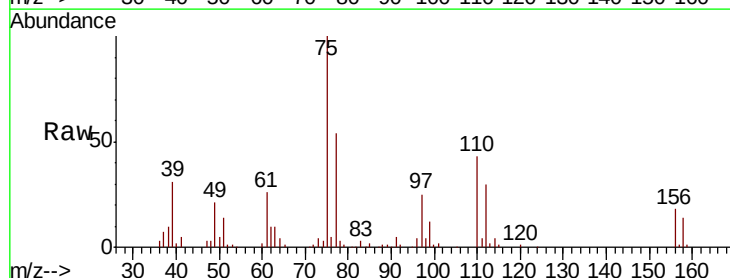
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

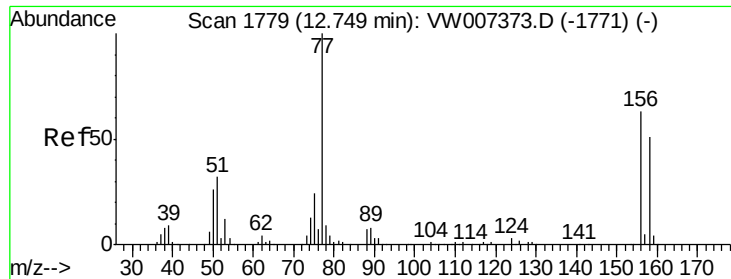
Tgt Ion: 83 Resp: 49068
 Ion Ratio Lower Upper
 83 100
 131 12.5 5.9 17.8
 85 66.5 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 142.029 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 75 Resp: 66828
 Ion Ratio Lower Upper
 75 100
 77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 68.732 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

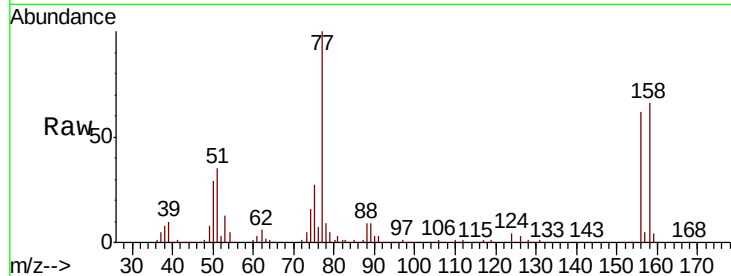
Tgt Ion:156 Resp: 69663

Ion Ratio Lower Upper

156 100

77 182.7 88.1 264.4

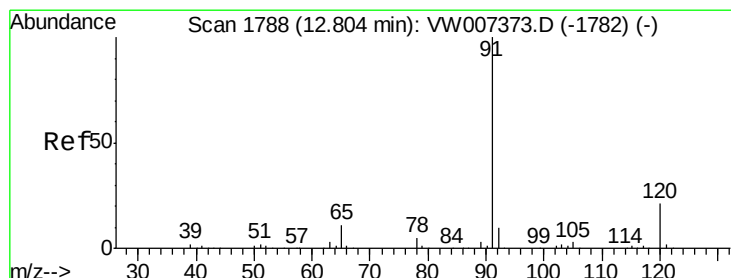
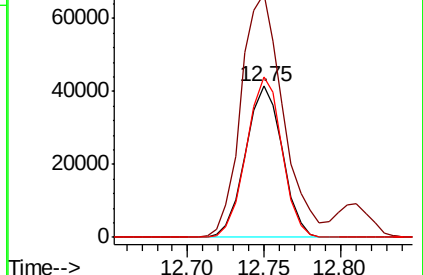
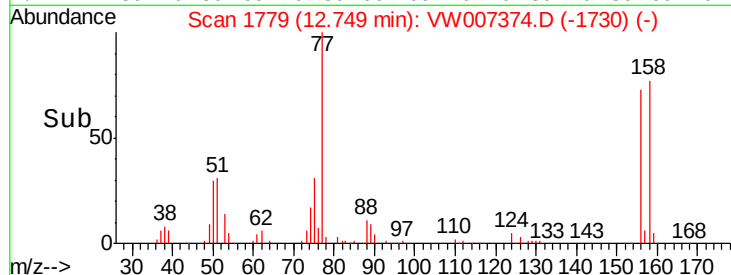
158 101.9 45.6 136.7



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: 67.840 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007374.D

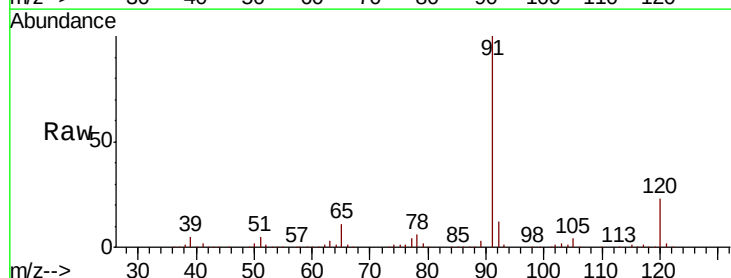
Acq: 11 Dec 2018 00:31

Tgt Ion: 91 Resp: 376128

Ion Ratio Lower Upper

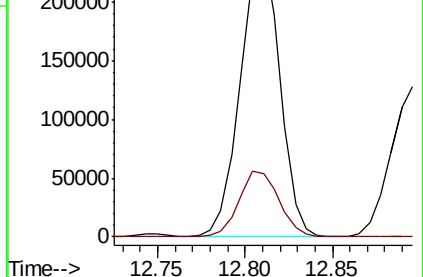
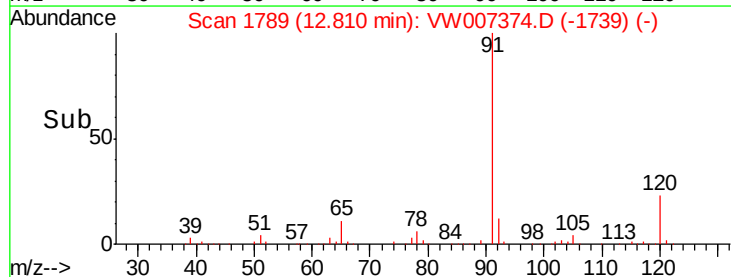
91 100

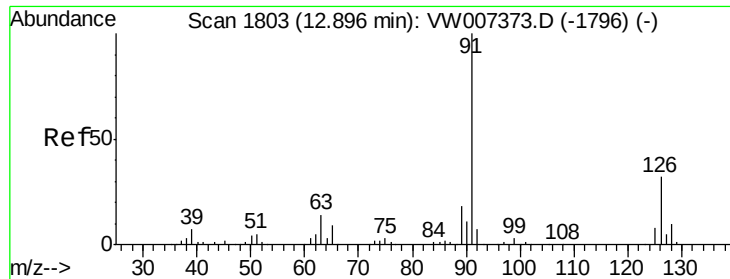
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 66.585 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

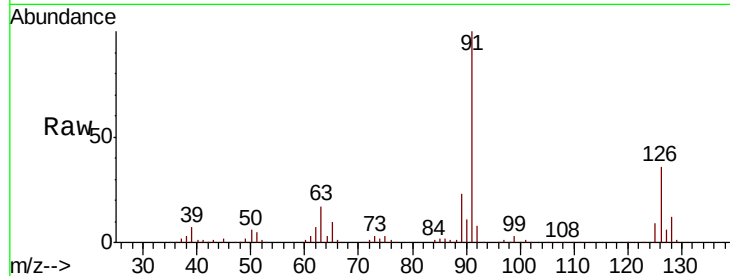
VSTDIC075

Tgt Ion: 91 Resp: 209444

Ion Ratio Lower Upper

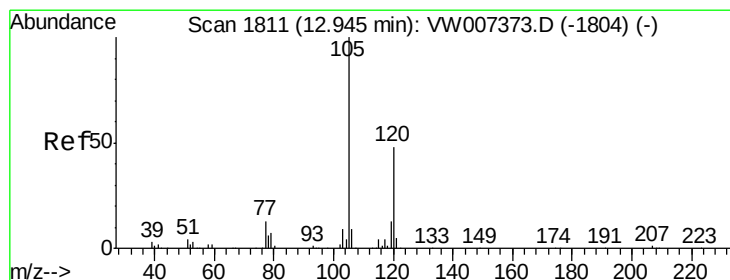
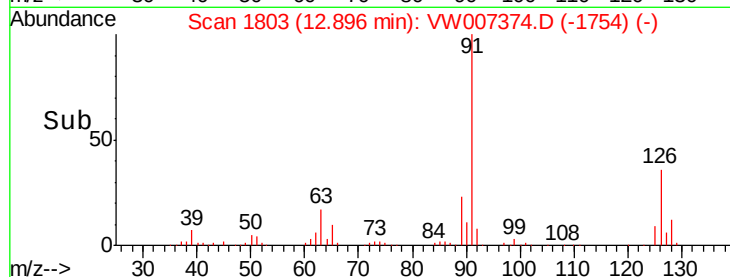
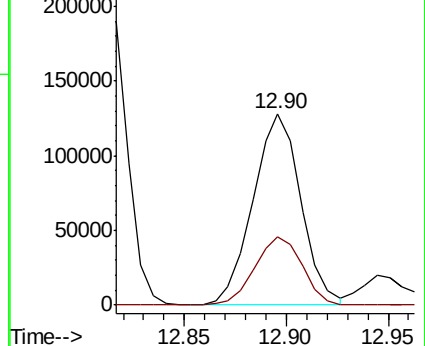
91 100

126 35.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 68.575 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007374.D

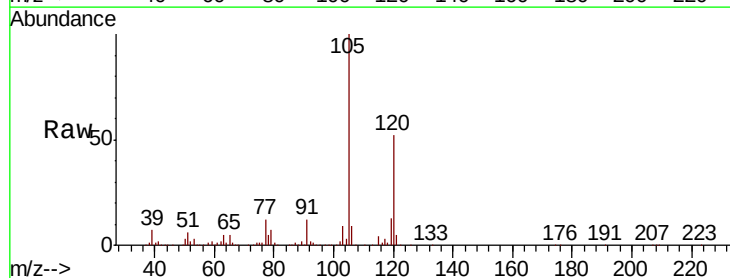
Acq: 11 Dec 2018 00:31

Tgt Ion: 105 Resp: 271076

Ion Ratio Lower Upper

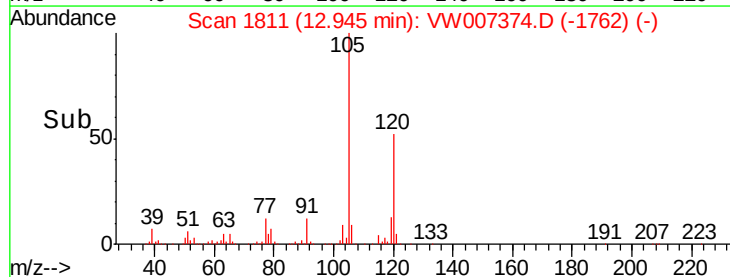
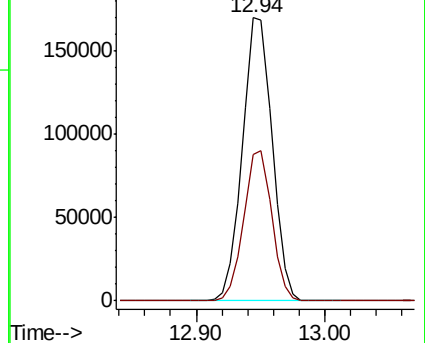
105 100

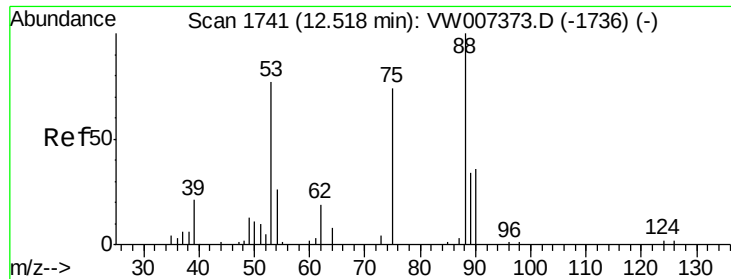
120 50.2 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

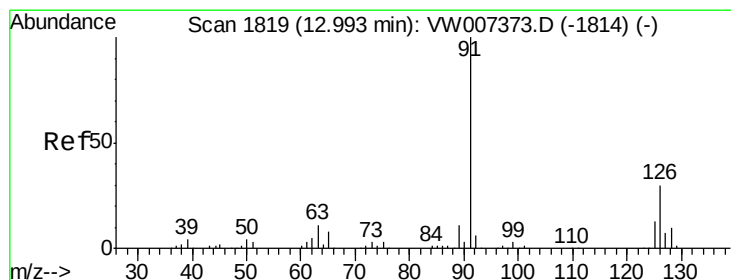
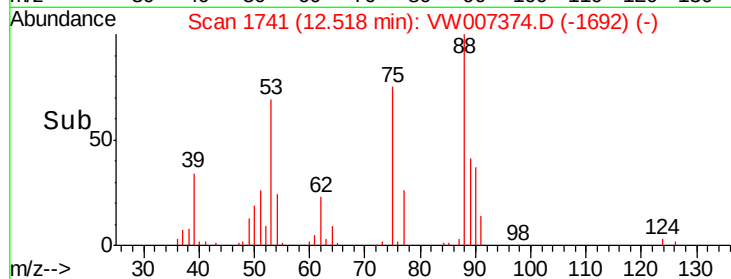
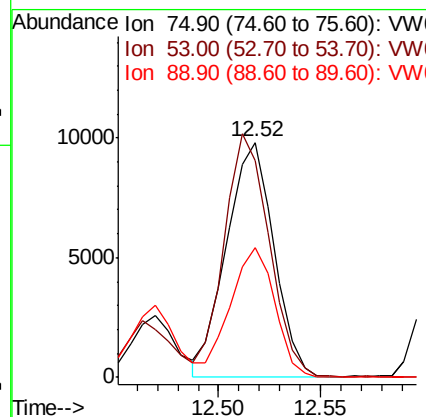
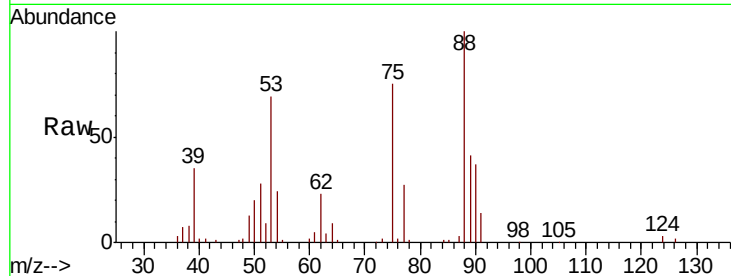




#81
trans-1,4-Dichloro-2-butene
Concen: 77.149 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

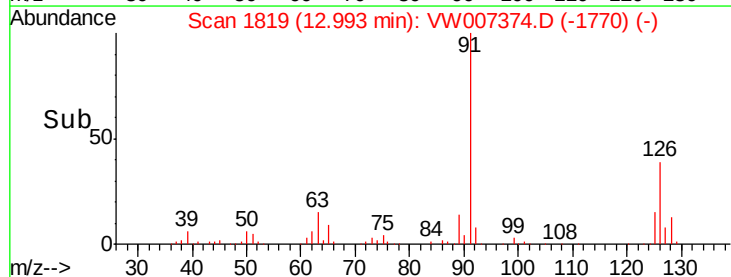
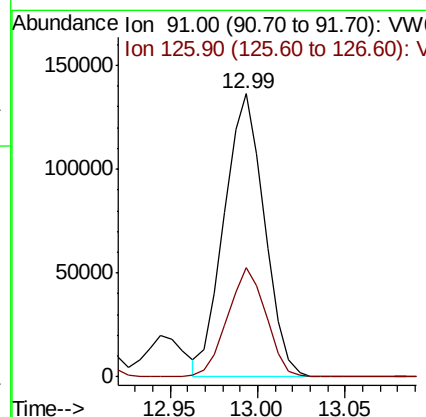
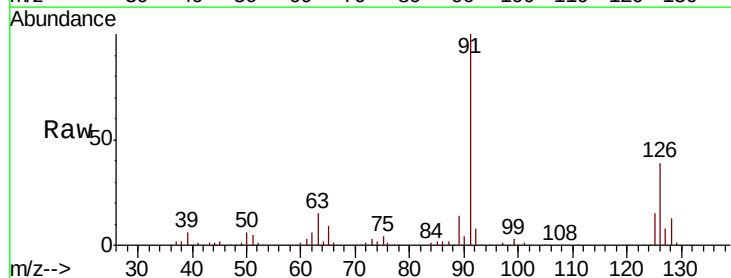
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

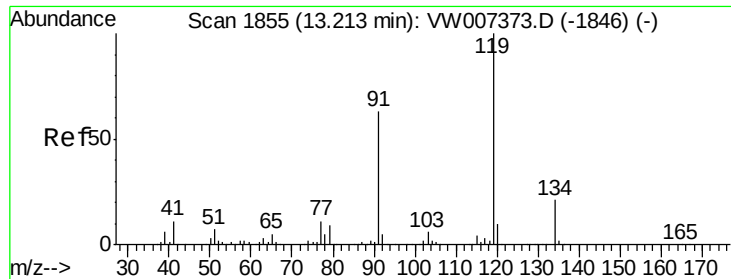
Tgt Ion: 75 Resp: 15791
Ion Ratio Lower Upper
75 100
53 99.0 84.9 127.3
89 51.1 40.3 60.5



#82
4-Chlorotoluene
Concen: 64.970 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion: 91 Resp: 217462
Ion Ratio Lower Upper
91 100
126 37.0 16.0 48.0





#83

tert-Butylbenzene

Concen: 72.428 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

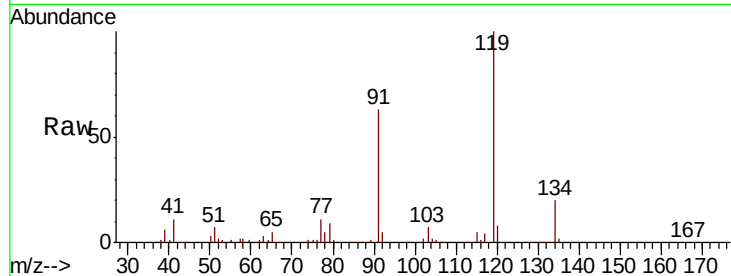
Tgt Ion:119 Resp: 252752

Ion Ratio Lower Upper

119 100

91 64.1 33.1 99.2

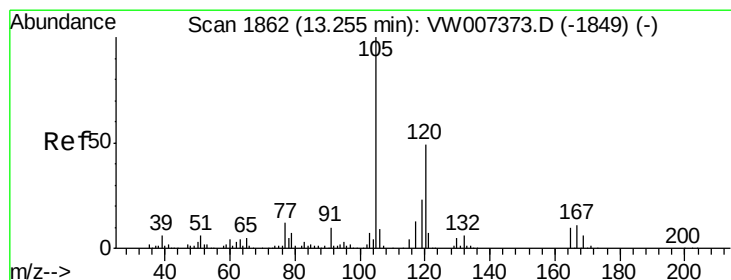
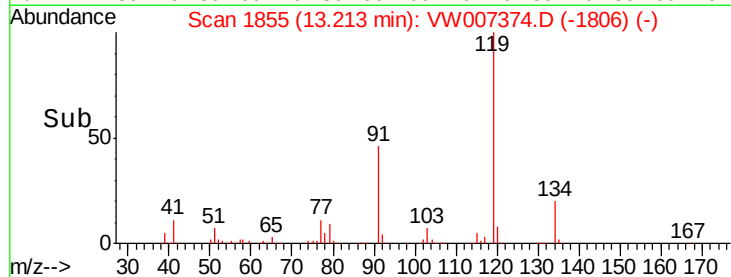
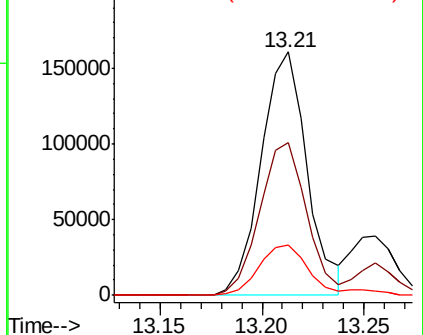
134 23.7 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 68.643 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007374.D

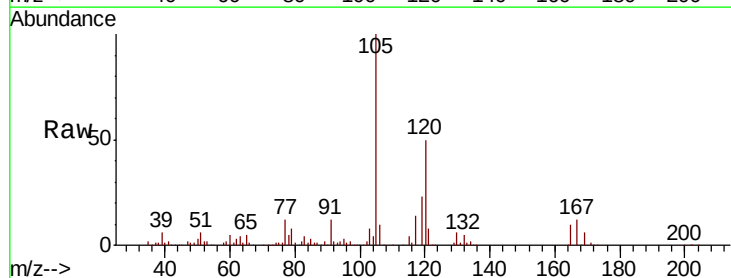
Acq: 11 Dec 2018 00:31

Tgt Ion:105 Resp: 277673

Ion Ratio Lower Upper

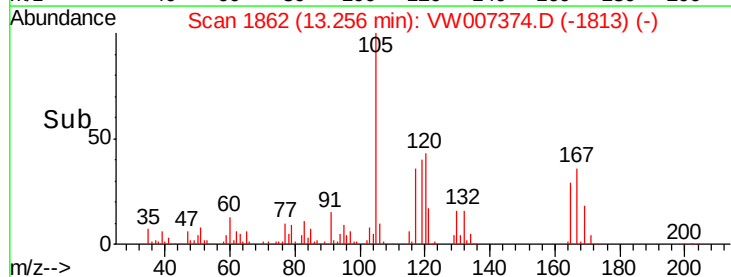
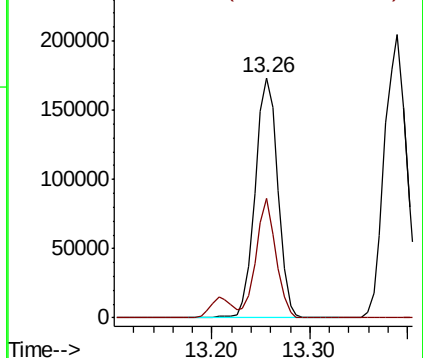
105 100

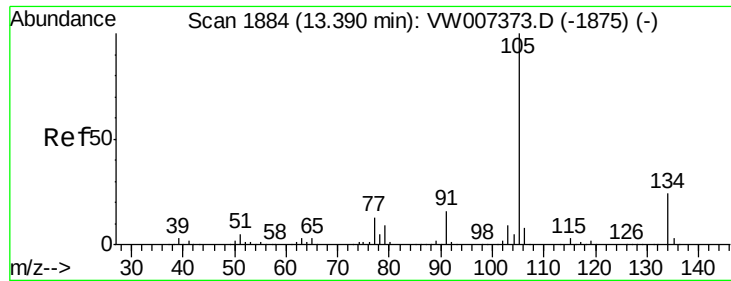
120 44.0 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

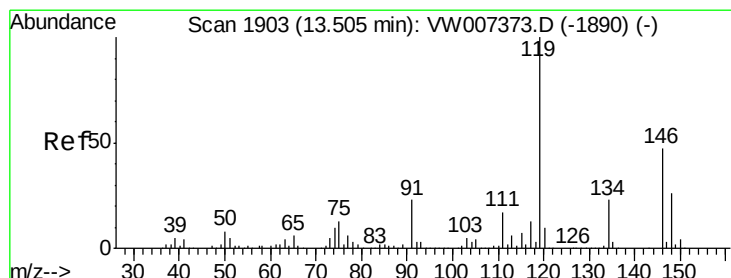
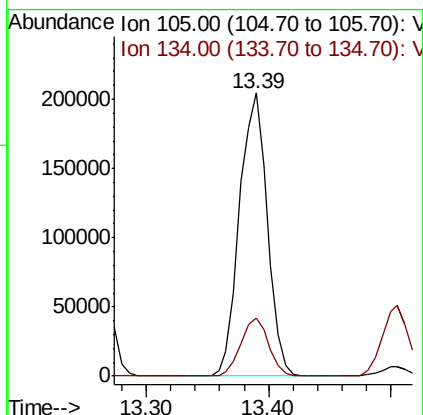
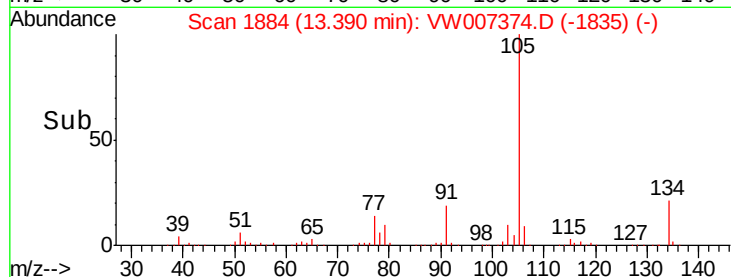
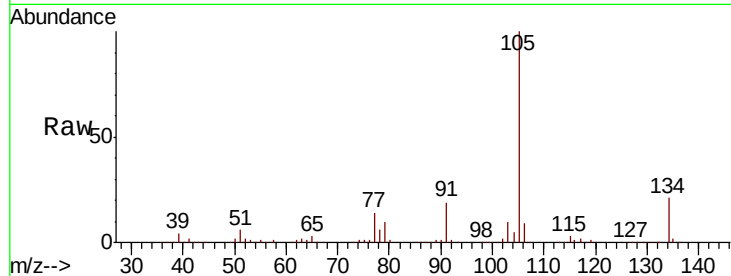




#85
 sec-Butylbenzene
 Concen: 65.392 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

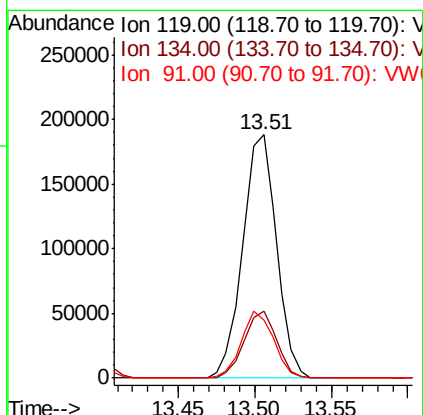
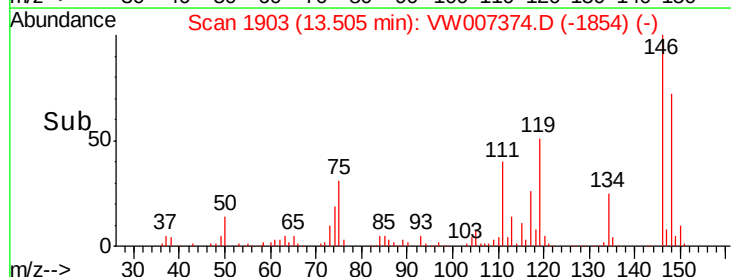
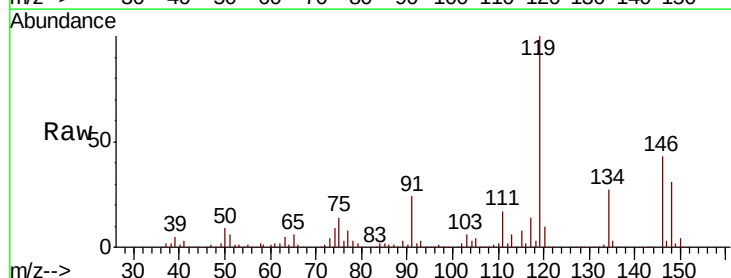
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

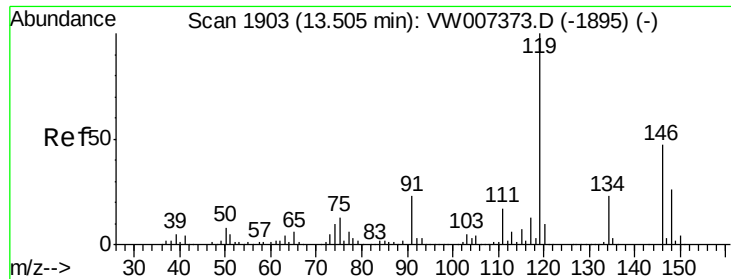
Tgt Ion:105 Resp: 321666
 Ion Ratio Lower Upper
 105 100
 134 20.4 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 65.345 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion:119 Resp: 289077
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 26.2 11.9 35.9

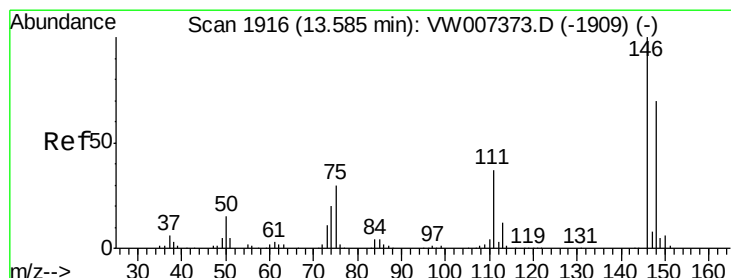
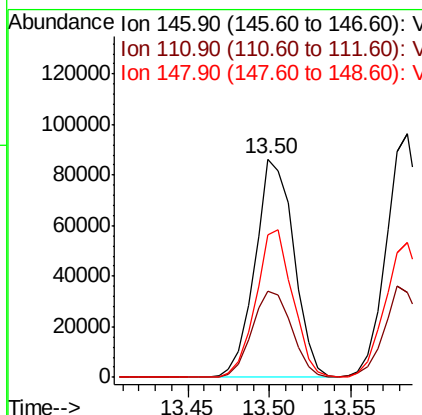
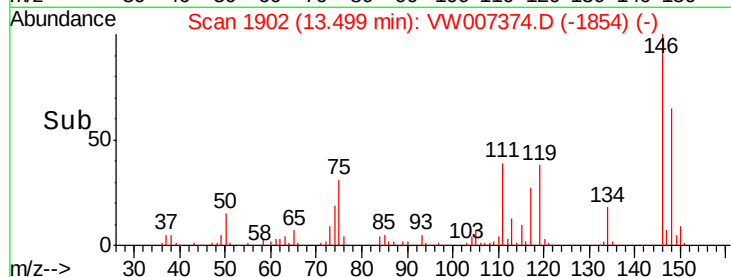
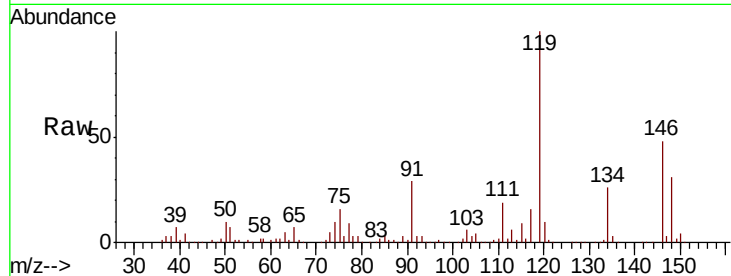




#87
 1,3-Dichlorobenzene
 Concen: 68.558 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

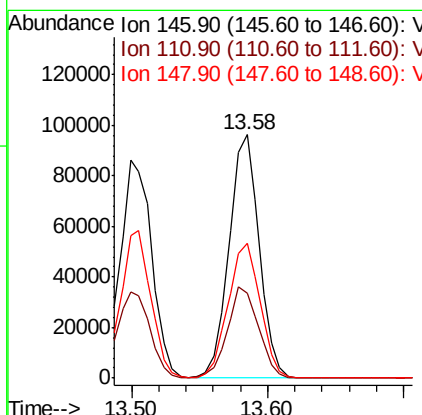
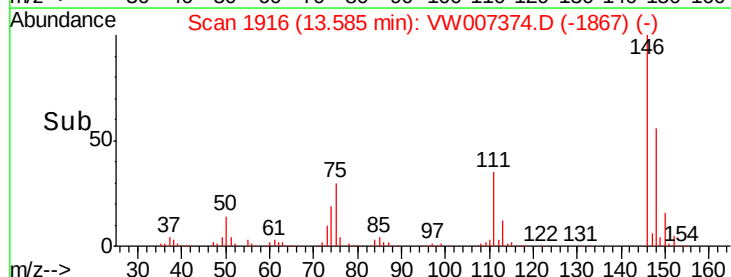
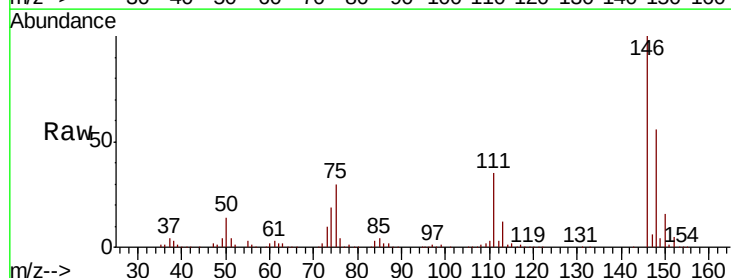
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

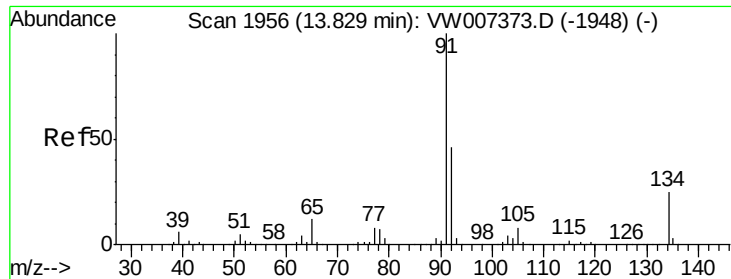
Tgt Ion:146 Resp: 142045
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.3
 148 64.0 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 71.397 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion:146 Resp: 147931
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.3 61.0
 148 59.0 33.5 100.5





#89

n-Butylbenzene

Concen: 66.889 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007374.D

Acq: 11 Dec 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

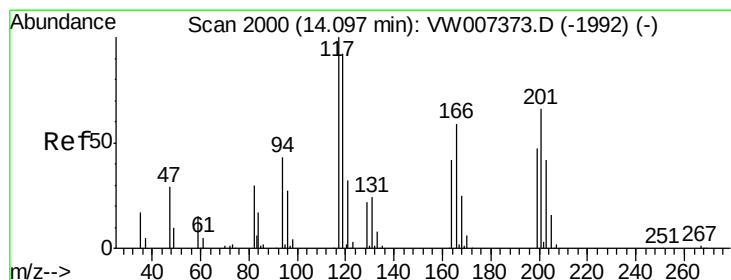
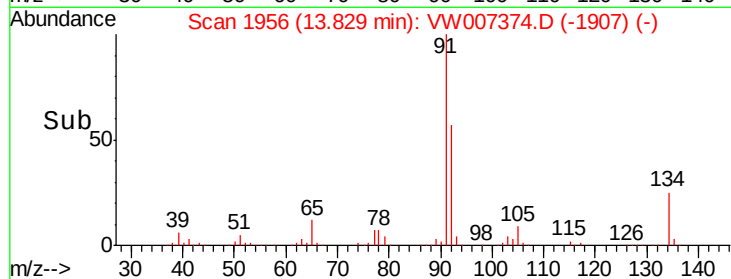
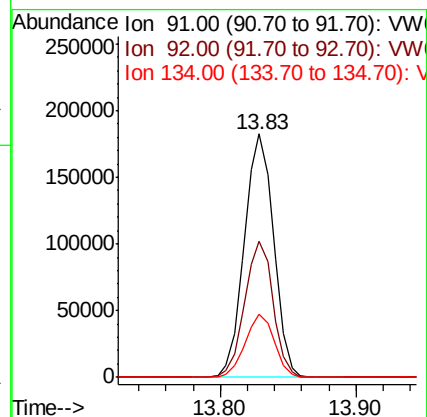
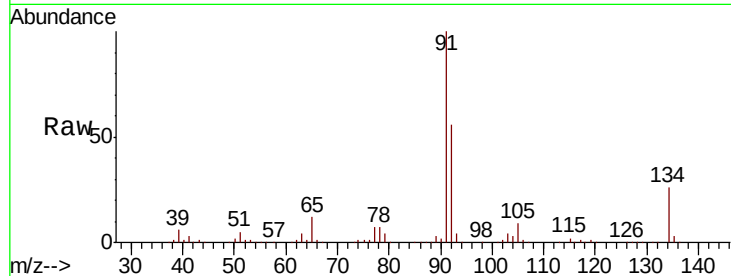
Tgt Ion: 91 Resp: 274924

Ion Ratio Lower Upper

91 100

92 54.3 25.7 77.1

134 25.8 13.4 40.2



#90

Hexachloroethane

Concen: 78.074 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007374.D

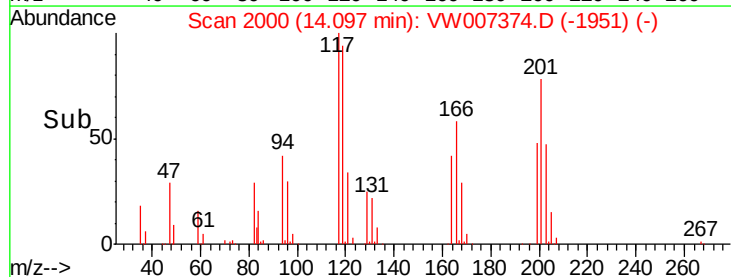
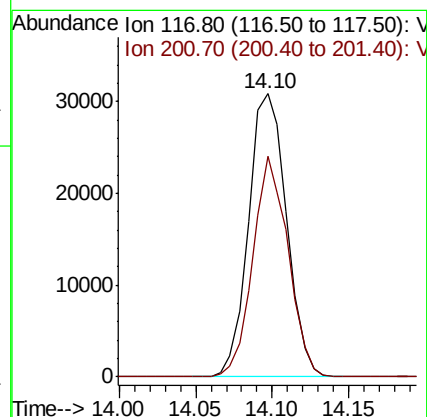
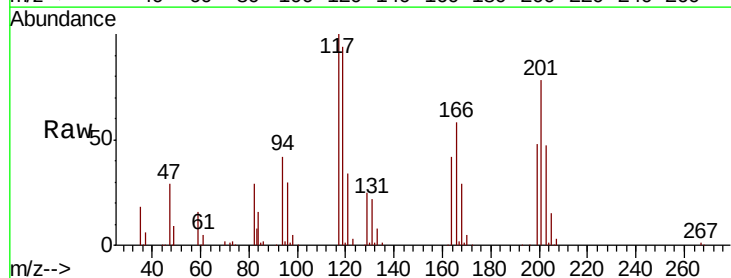
Acq: 11 Dec 2018 00:31

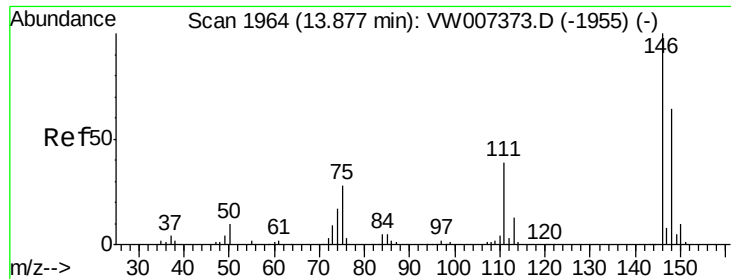
Tgt Ion: 117 Resp: 53195

Ion Ratio Lower Upper

117 100

201 72.4 35.3 105.9

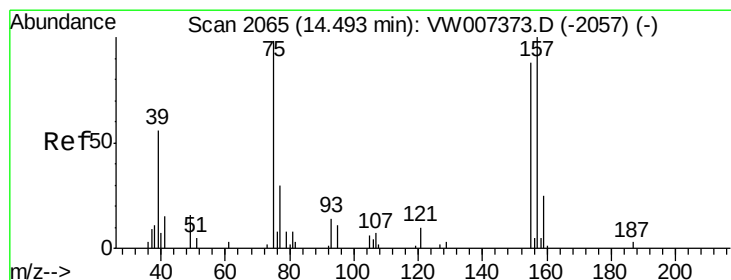
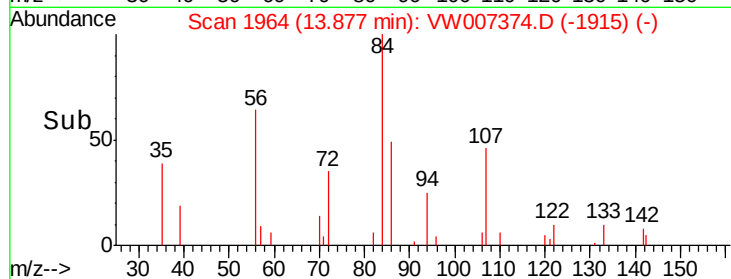
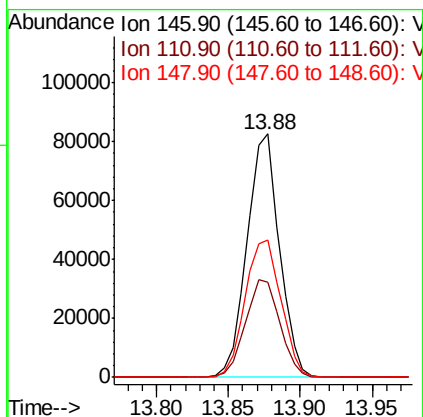
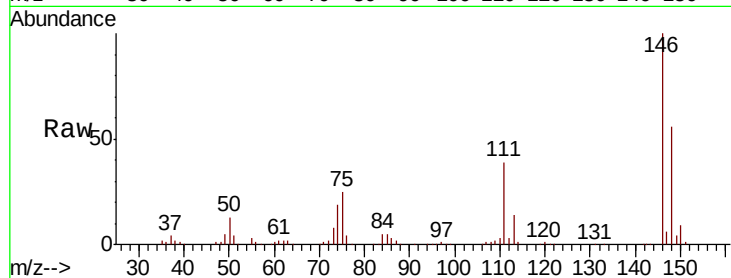




#91
 1,2-Dichlorobenzene
 Concen: 72.106 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

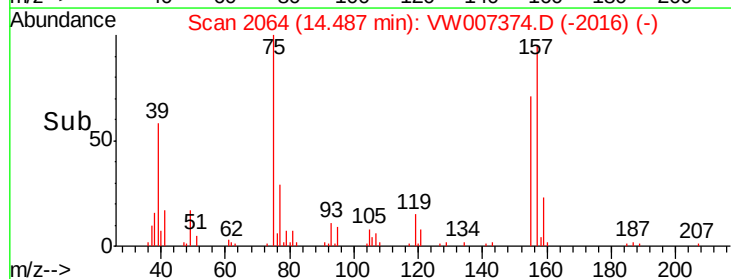
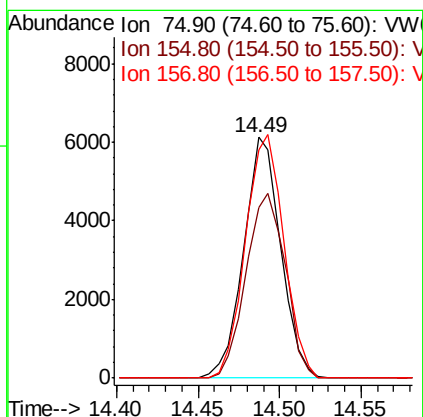
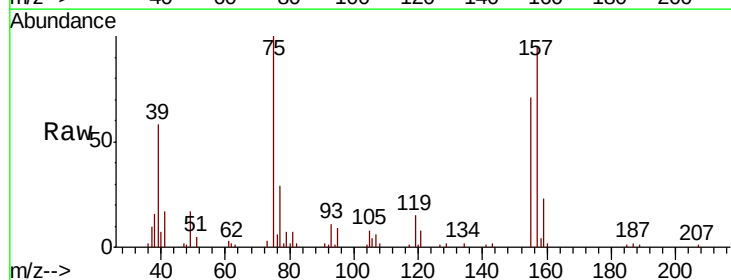
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

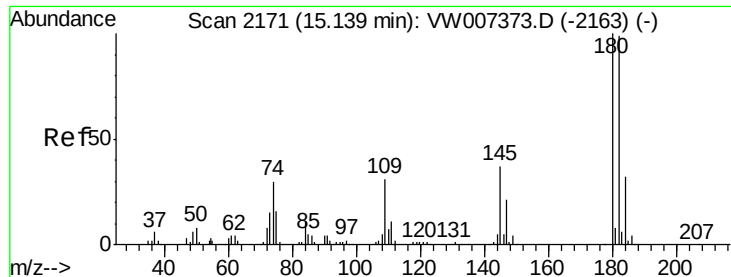
Tgt Ion:146 Resp: 128352
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.4 67.2
 148 62.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 80.990 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007374.D
 Acq: 11 Dec 2018 00:31

Tgt Ion: 75 Resp: 9705
 Ion Ratio Lower Upper
 75 100
 155 81.1 40.8 122.2
 157 104.3 51.1 153.4

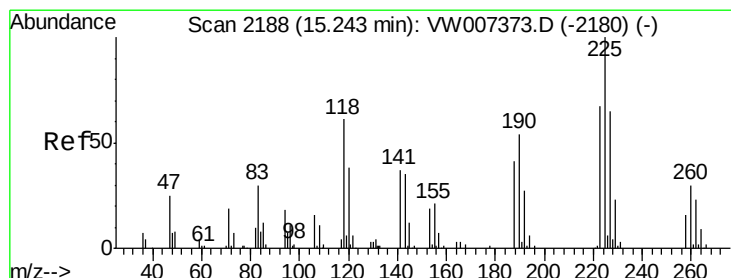
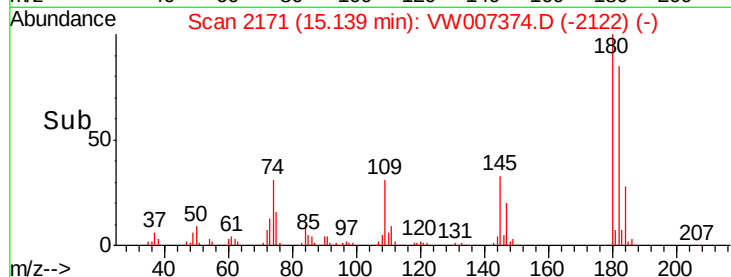
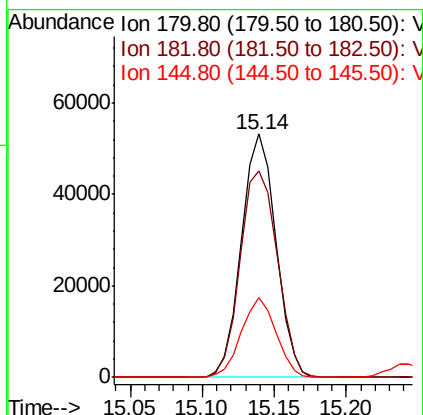
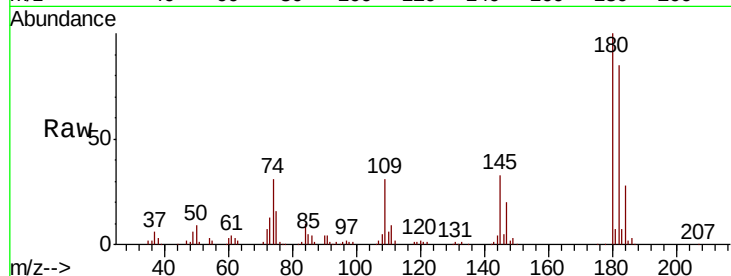




#93
1,2,4-Trichlorobenzene
Concen: 71.709 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

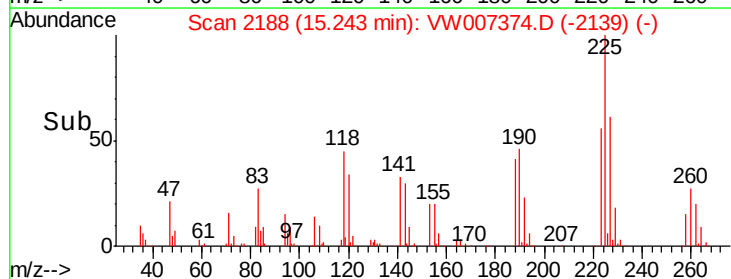
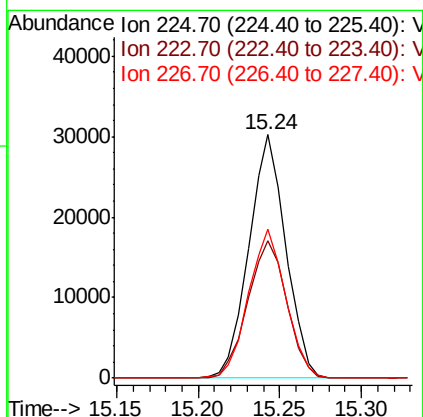
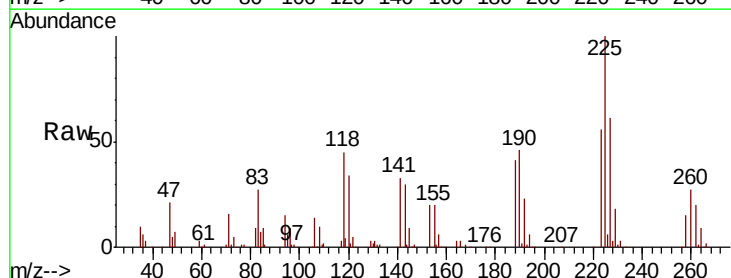
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

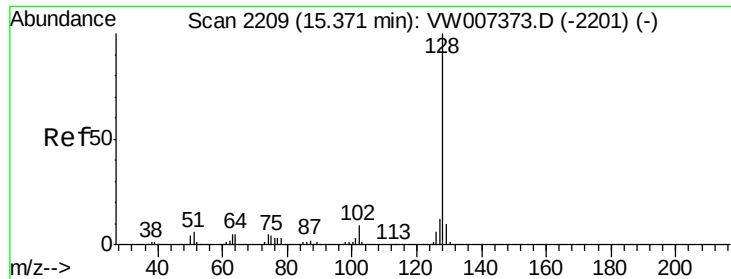
Tgt Ion:180 Resp: 88477
Ion Ratio Lower Upper
180 100
182 91.7 49.9 149.6
145 32.9 17.8 53.4



#94
Hexachlorobutadiene
Concen: 71.213 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion:225 Resp: 47485
Ion Ratio Lower Upper
225 100
223 59.6 32.1 96.3
227 61.7 31.9 95.9

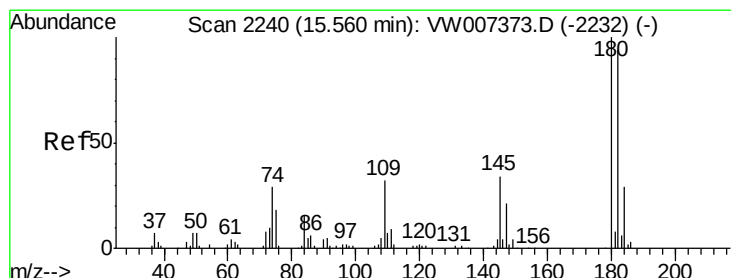
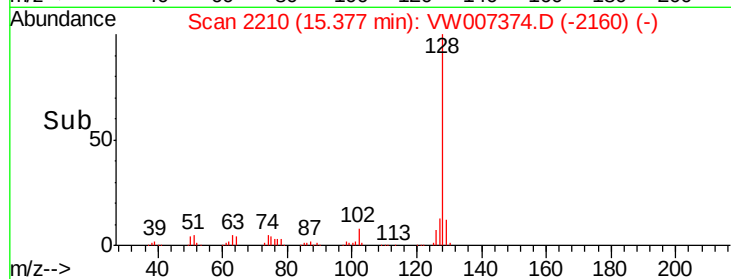
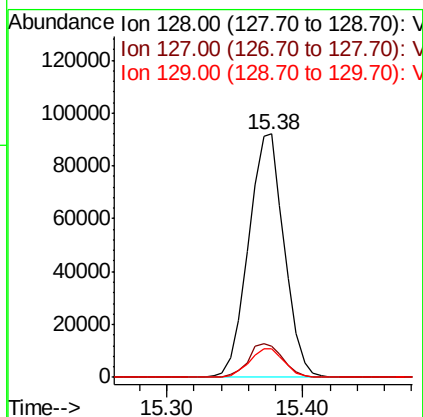
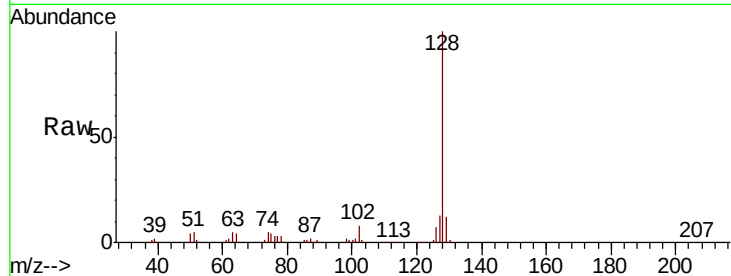




#95
Naphthalene
Concen: 75.212 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 168863
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 70.996 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007374.D
Acq: 11 Dec 2018 00:31

Tgt Ion:180 Resp: 74999
Ion Ratio Lower Upper
180 100
182 94.7 45.6 136.7
145 35.7 17.5 52.5

