

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007370.D
 Acq On : 10 Dec 2018 22:22
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 11 01:36:36 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	89190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	134805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61676	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5368	6.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.42%	
35) Dibromofluoromethane	7.88	113	4850	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
50) Toluene-d8	10.32	98	17168	4.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.90%	
62) 4-Bromofluorobenzene	12.62	95	6915	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	3556	3.871 ug/l	85
3) Chloromethane	2.21	50	2725	2.428 ug/l	96
4) Vinyl Chloride	2.37	62	3026	4.072 ug/l	98
5) Bromomethane	2.78	94	2092	5.378 ug/l	94
6) Chloroethane	2.92	64	1647	3.931 ug/l	96
7) Trichlorofluoromethane	3.26	101	2572	1.897 ug/l	95
8) Diethyl Ether	3.68	74	2418	5.677 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	4705	5.155 ug/l	96
10) Methyl Iodide	4.27	142	7483	8.293 ug/l	97
11) Tert butyl alcohol	5.15	59	818	8.584 ug/l #	74
12) 1,1-Dichloroethene	4.03	96	4529	5.262 ug/l	91
13) Acrolein	3.89	56	1232	22.050 ug/l	95
14) Allyl chloride	4.67	41	6530	4.813 ug/l	99
15) Acrylonitrile	5.37	53	4630	26.400 ug/l	97
16) Acetone	4.12	43	4862	25.800 ug/l	89
17) Carbon Disulfide	4.37	76	13481	4.853 ug/l	100
18) Methyl Acetate	4.66	43	2352	5.201 ug/l	97
19) Methyl tert-butyl Ether	5.42	73	6564	3.471 ug/l	93
20) Methylene Chloride	4.90	84	7509	6.452 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	4980	5.183 ug/l	94
22) Diisopropyl ether	6.32	45	12476	5.083 ug/l	96
23) Vinyl Acetate	6.26	43	33567	24.952 ug/l #	93
24) 1,1-Dichloroethane	6.21	63	8596	5.388 ug/l	98
25) 2-Butanone	7.17	43	5706	25.224 ug/l #	88
26) 2,2-Dichloropropane	7.17	77	5872	4.054 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	5371	5.186 ug/l	96
28) Bromochloromethane	7.52	49	3196	5.474 ug/l #	100
29) Tetrahydrofuran	7.53	42	3405	24.088 ug/l	93
30) Chloroform	7.67	83	9238	5.518 ug/l	94
31) Cyclohexane	7.95	56	9009	5.549 ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	8296	5.361 ug/l	98
36) 1,1-Dichloropropene	8.08	75	7181	4.850 ug/l	99
37) Ethyl Acetate	7.26	43	2711	5.059 ug/l #	92
38) Carbon Tetrachloride	8.07	117	7551	4.917 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007370.D
 Acq On : 10 Dec 2018 22:22
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 11 01:36:36 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	8549	4.361	ug/l #	90
40) Benzene	8.32	78	19949	4.878	ug/l	96
41) Methacrylonitrile	7.48	41	1761	5.508	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	6176	5.277	ug/l	99
43) Isopropyl Acetate	8.42	43	5068	4.828	ug/l	96
44) Trichloroethene	9.10	130	5603	4.892	ug/l	89
45) 1,2-Dichloropropane	9.37	63	4504	4.728	ug/l	98
46) Dibromomethane	9.46	93	2587	5.151	ug/l	99
47) Bromodichloromethane	9.65	83	6635	5.017	ug/l	95
48) Methyl methacrylate	9.43	41	2883	5.342	ug/l	93
49) 1,4-Dioxane	9.45	88	763	88.345	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	12380	24.238	ug/l	96
52) Toluene	10.39	92	12893	4.575	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	6412	4.889	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	7409	4.831	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	3504	4.945	ug/l	92
56) Ethyl methacrylate	10.65	69	4218	4.648	ug/l	98
57) 1,3-Dichloropropane	10.93	76	5548	4.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	8592	22.546	ug/l	96
59) 2-Hexanone	10.97	43	7940	21.826	ug/l	100
60) Dibromochloromethane	11.12	129	4442	5.071	ug/l	99
61) 1,2-Dibromoethane	11.23	107	3684	5.456	ug/l	90
64) Tetrachloroethene	10.86	164	4739	4.894	ug/l	82
65) Chlorobenzene	11.66	112	14000	4.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	4905	5.270	ug/l	96
67) Ethyl Benzene	11.73	91	23440	4.371	ug/l #	88
68) m/p-Xylenes	11.84	106	18490	8.842	ug/l	92
69) o-Xylene	12.17	106	8407	4.268	ug/l	96
70) Styrene	12.18	104	13311	4.160	ug/l	97
71) Bromoform	12.35	173	2552	5.491	ug/l #	94
73) Isopropylbenzene	12.47	105	23057	4.674	ug/l	94
74) N-amyl acetate	12.27	43	4076	4.689	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	3891	5.882	ug/l	92
76) 1,2,3-Trichloropropane	12.75	75	2253	4.481	ug/l	54
77) Bromobenzene	12.75	156	5395	4.981	ug/l	94
78) n-propylbenzene	12.81	91	26962	4.551	ug/l	96
79) 2-Chlorotoluene	12.90	91	15701	4.671	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	19563	4.631	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	1153	5.272	ug/l	94
82) 4-Chlorotoluene	12.99	91	18360	5.133	ug/l	99
83) tert-Butylbenzene	13.21	119	18287	4.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	21038	4.867	ug/l	100
85) sec-Butylbenzene	13.38	105	24563	4.673	ug/l	93
86) p-Isopropyltoluene	13.51	119	21502	4.549	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	11008	4.972	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	11760	5.312	ug/l	95
89) n-Butylbenzene	13.83	91	20929	4.765	ug/l	97
90) Hexachloroethane	14.10	117	3759	5.163	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	10227	5.377	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.49	75	679	5.303	ug/l	98

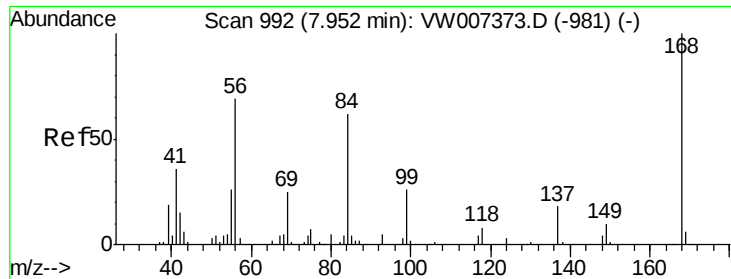
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007370.D
Acq On : 10 Dec 2018 22:22
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Dec 11 01:36:36 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	6799	5.157	ug/l	92
94) Hexachlorobutadiene	15.24	225	3445	4.835	ug/l	99
95) Naphthalene	15.38	128	11999	5.002	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	5689	5.040	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

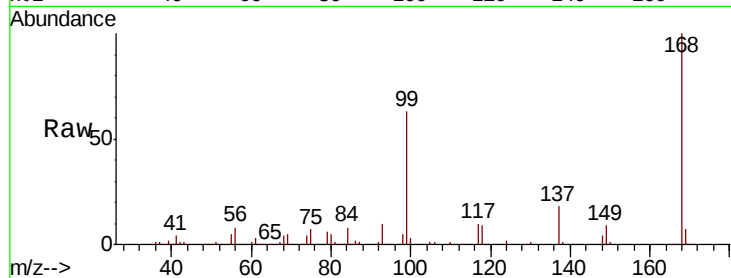
VSTDIC005

Tgt Ion:168 Resp: 89190

Ion Ratio Lower Upper

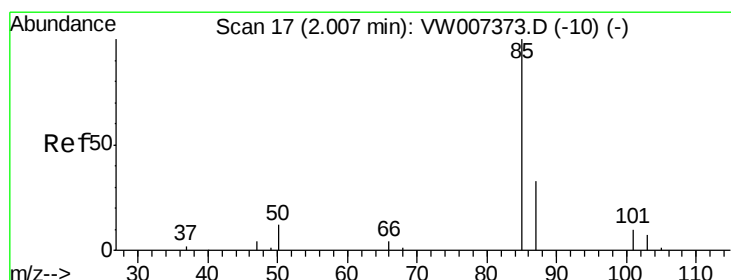
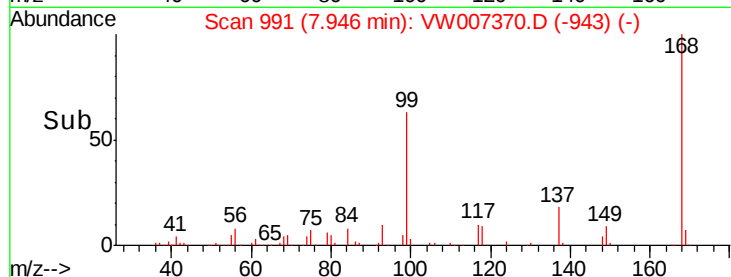
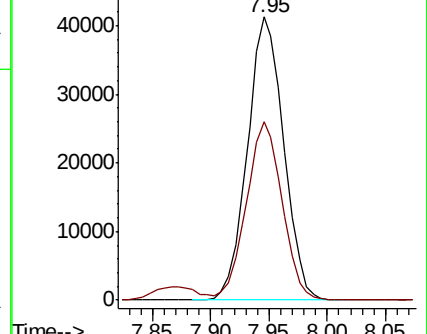
168 100

99 62.9 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: 3.871 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007370.D

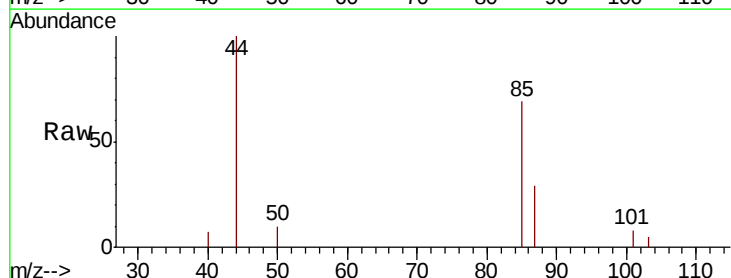
Acq: 10 Dec 2018 22:22

Tgt Ion: 85 Resp: 3556

Ion Ratio Lower Upper

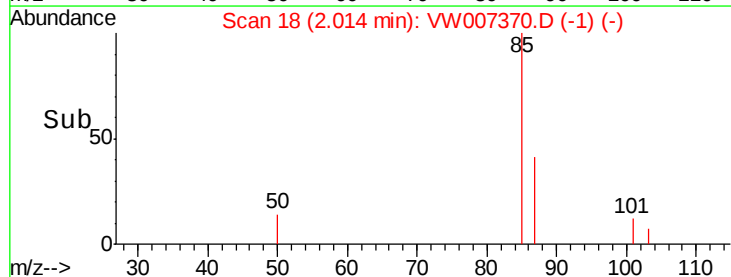
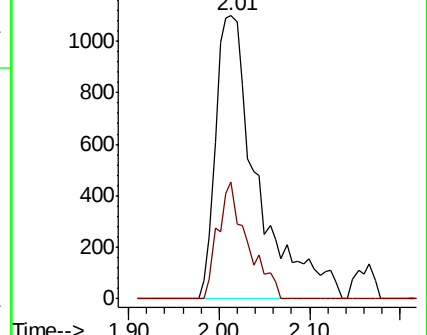
85 100

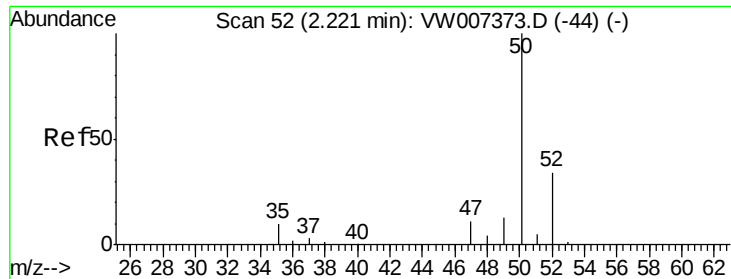
87 41.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 2.428 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

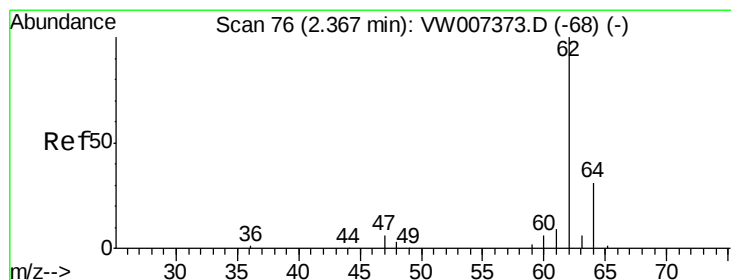
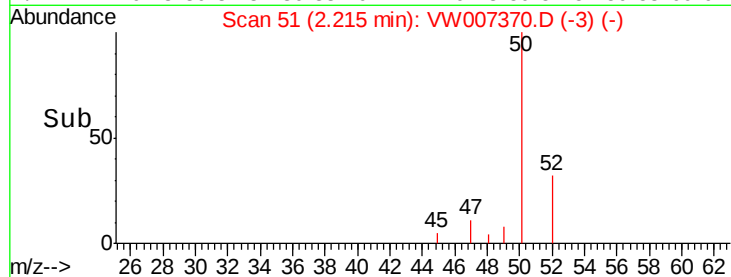
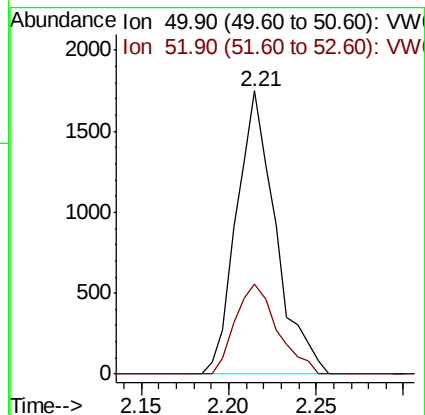
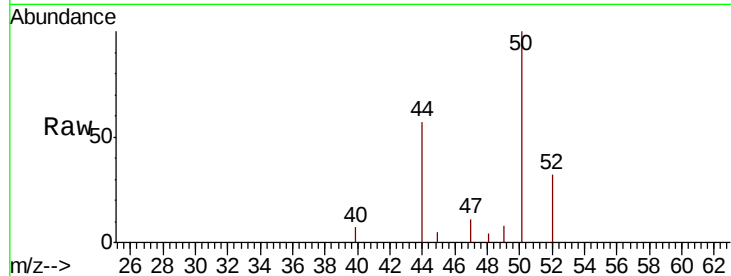
VSTDIC005

Tgt Ion: 50 Resp: 2725

Ion Ratio Lower Upper

50 100

52 31.9 27.4 41.0



#4

Vinyl Chloride

Concen: 4.072 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007370.D

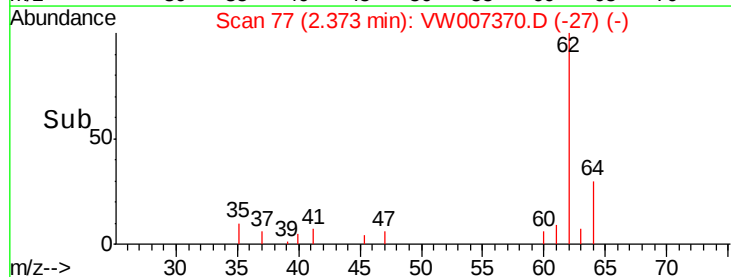
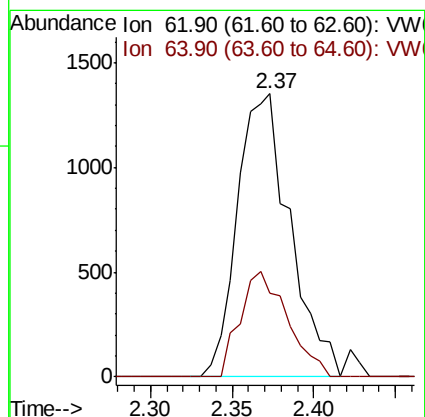
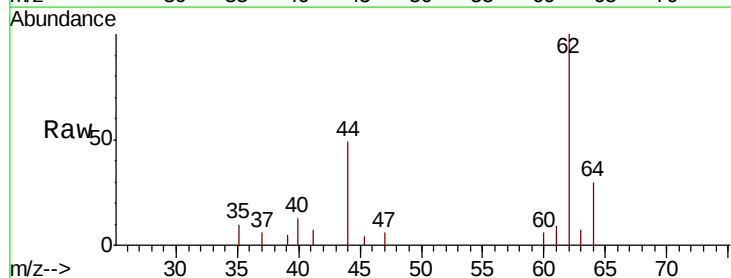
Acq: 10 Dec 2018 22:22

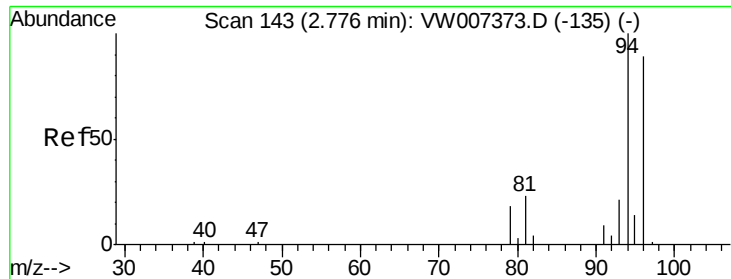
Tgt Ion: 62 Resp: 3026

Ion Ratio Lower Upper

62 100

64 29.6 24.6 37.0

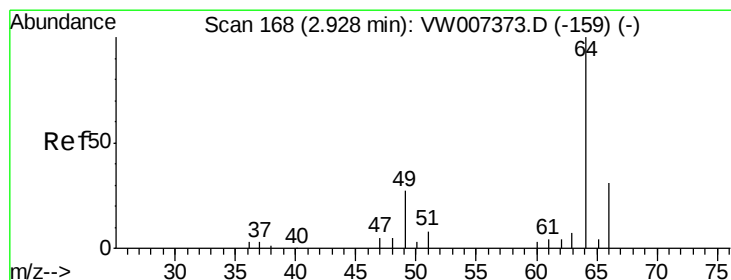
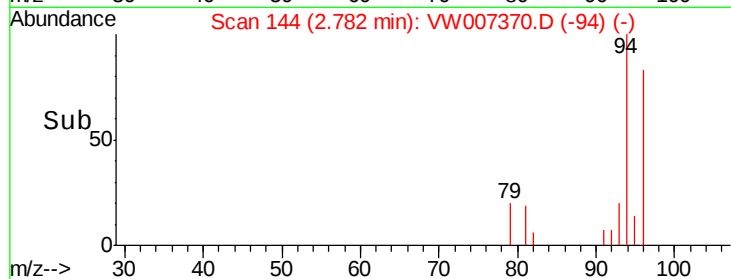
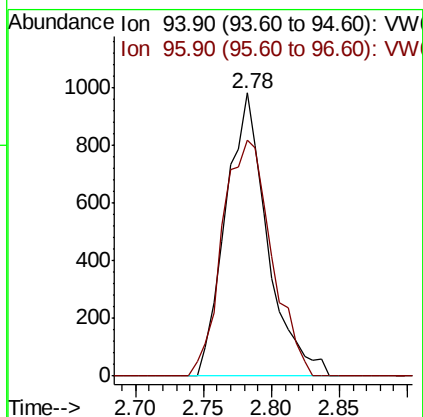
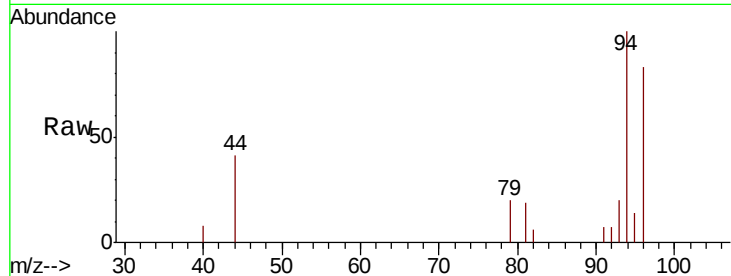




#5
Bromomethane
Concen: 5.378 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

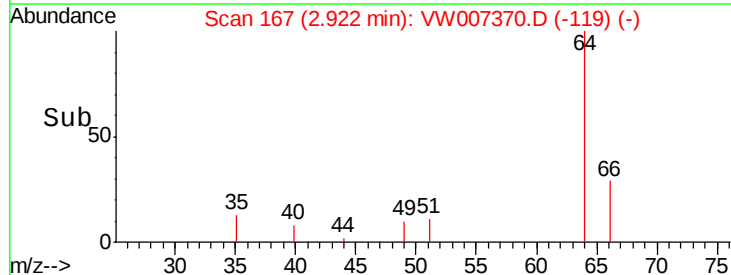
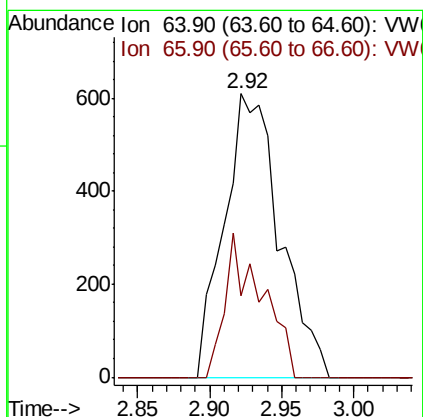
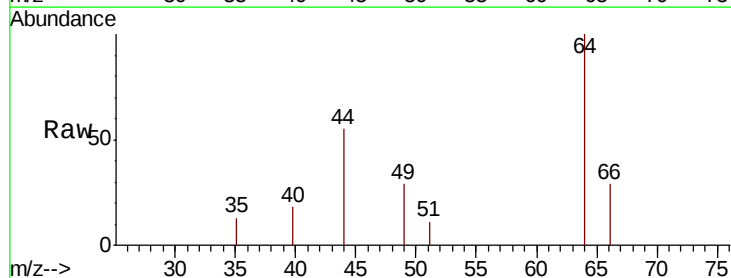
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

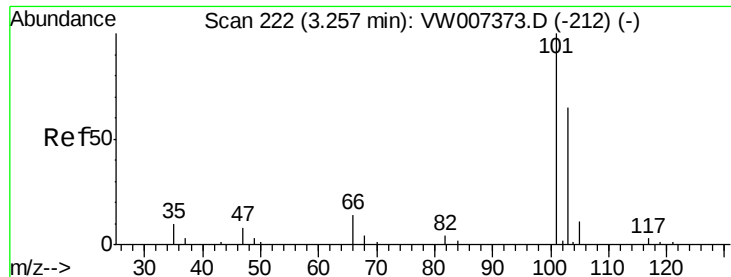
Tgt Ion: 94 Resp: 2092
Ion Ratio Lower Upper
94 100
96 83.5 71.0 106.4



#6
Chloroethane
Concen: 3.931 ug/l
RT: 2.92 min Scan# 167
Delta R.T. -0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 64 Resp: 1647
Ion Ratio Lower Upper
64 100
66 28.7 24.6 37.0



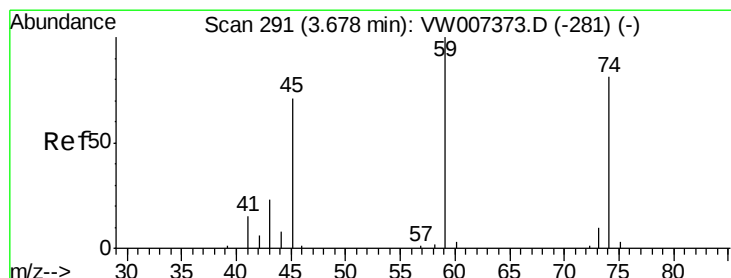
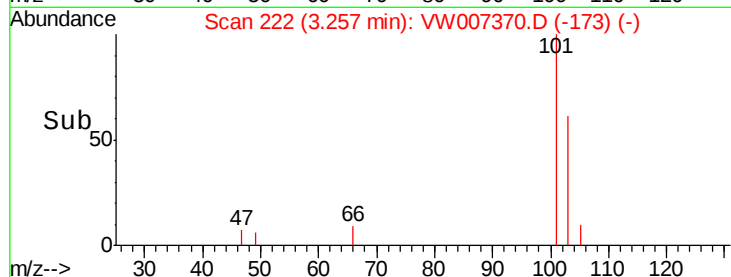
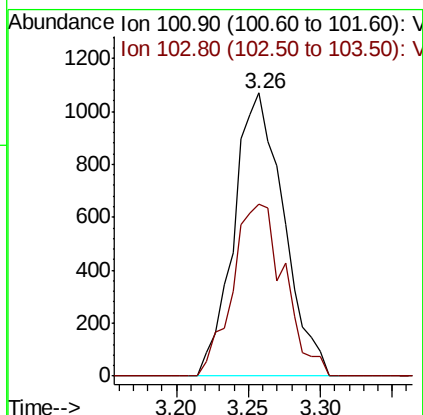
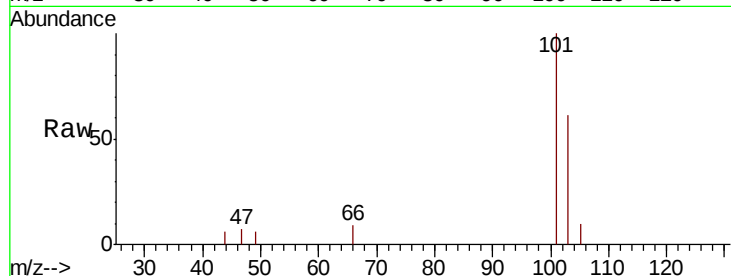


#7

Trichlorofluoromethane
 Concen: 1.897 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

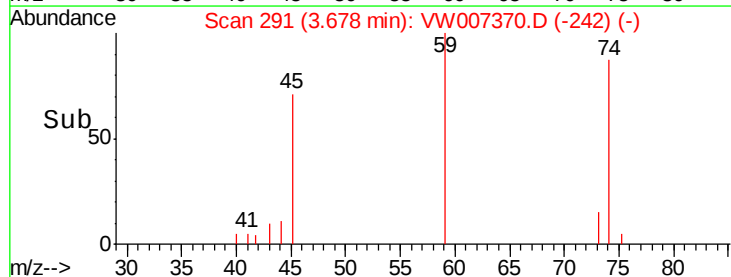
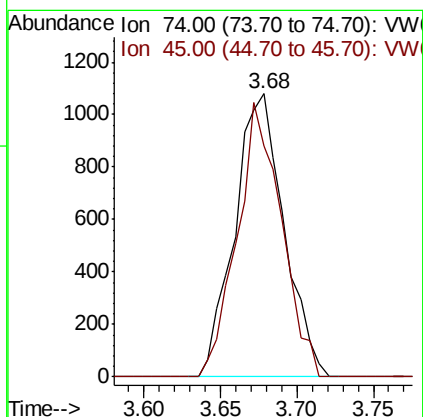
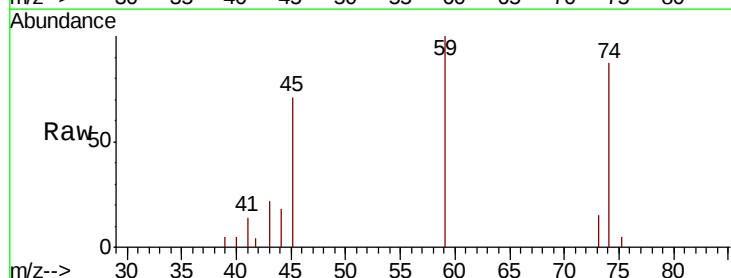
Tgt Ion: 101 Resp: 2572
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.7 77.5

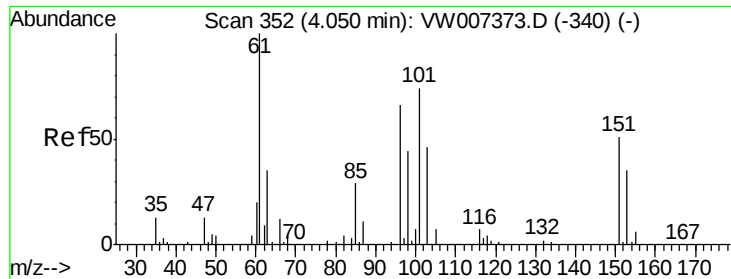


#8

Diethyl Ether
 Concen: 5.677 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 74 Resp: 2418
 Ion Ratio Lower Upper
 74 100
 45 86.8 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.155 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

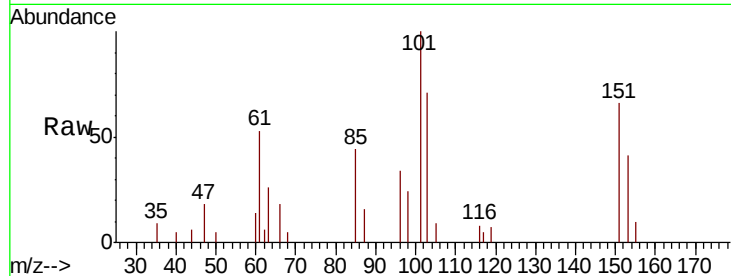
Tgt Ion:101 Resp: 4705

Ion Ratio Lower Upper

101 100

85 44.7 33.9 50.9

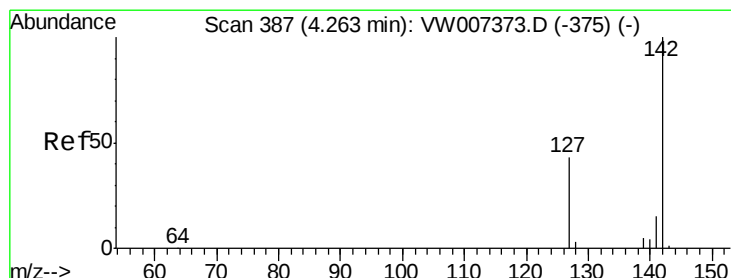
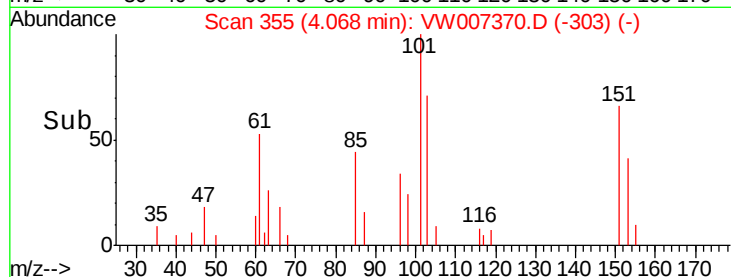
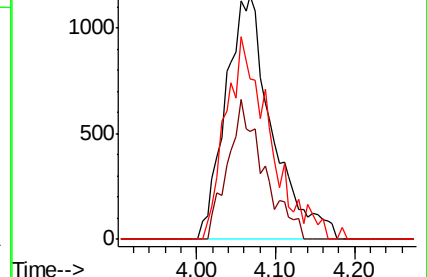
151 75.7 63.7 95.5



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: 8.293 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

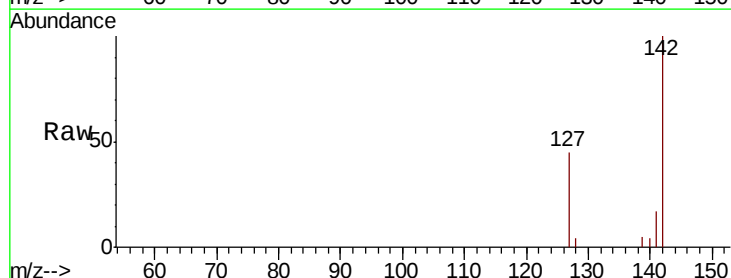
Tgt Ion:142 Resp: 7483

Ion Ratio Lower Upper

142 100

127 47.4 35.8 53.6

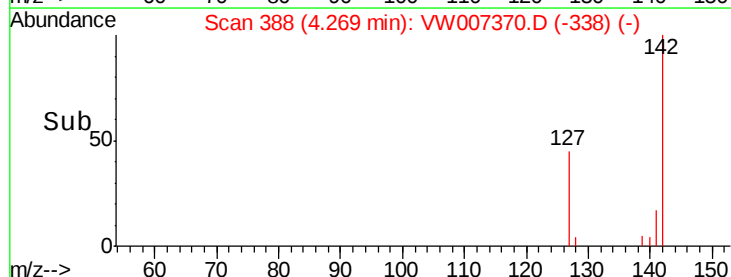
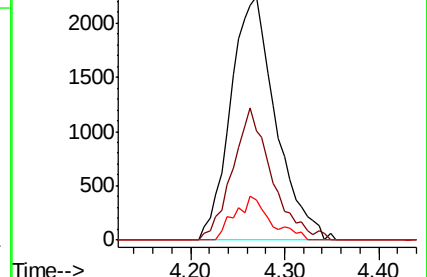
141 14.2 11.1 16.7

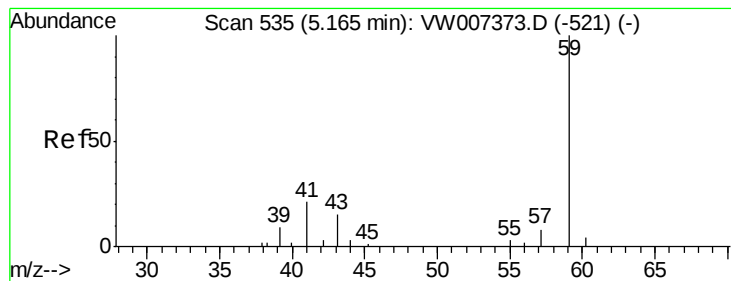


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 8.584 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampled :

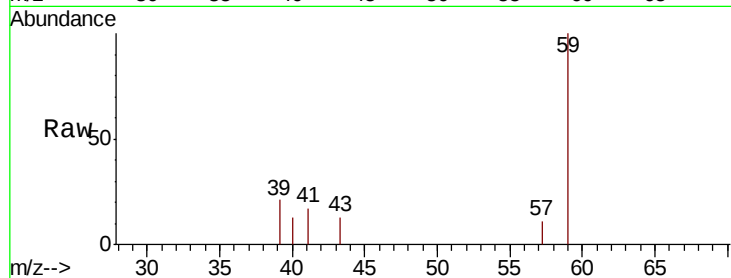
VSTDIC005

Tgt Ion: 59 Resp: 818

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

400

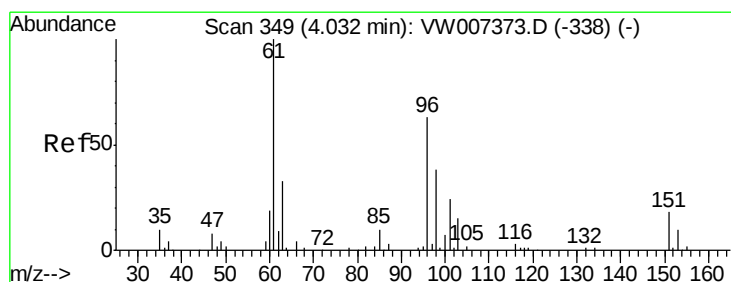
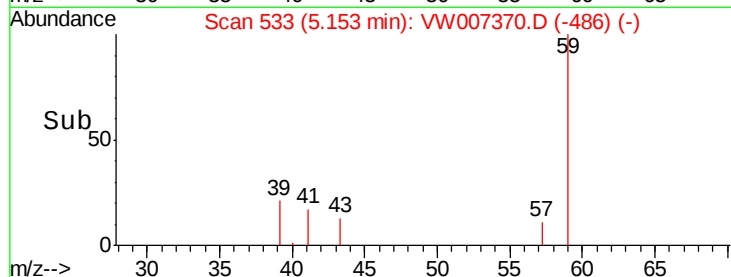
300

200

100

0

Time--> 5.05 5.10 5.15



#12

1,1-Dichloroethene

Concen: 5.262 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

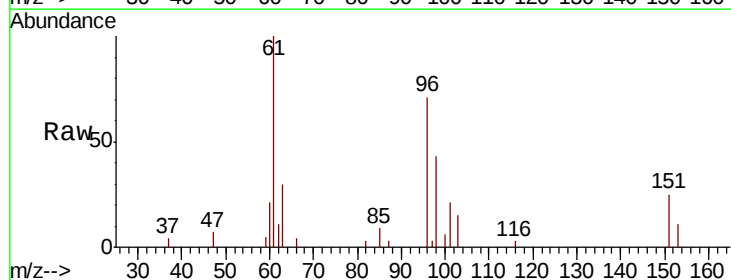
Tgt Ion: 96 Resp: 4529

Ion Ratio Lower Upper

96 100

61 141.7 126.2 189.2

98 61.4 48.3 72.5



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

3000

2500

2000

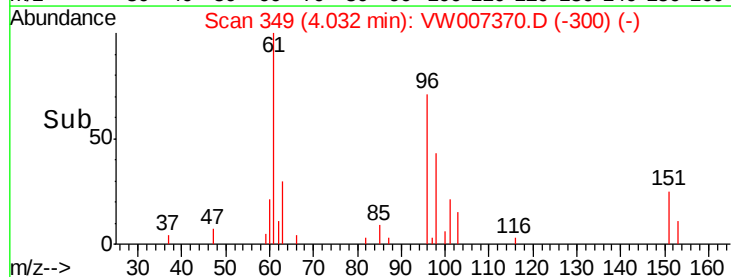
1500

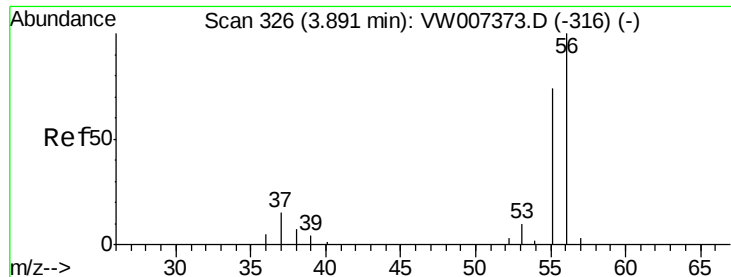
1000

500

0

Time--> 4.00 4.10





#13

Acrolein

Concen: 22.050 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

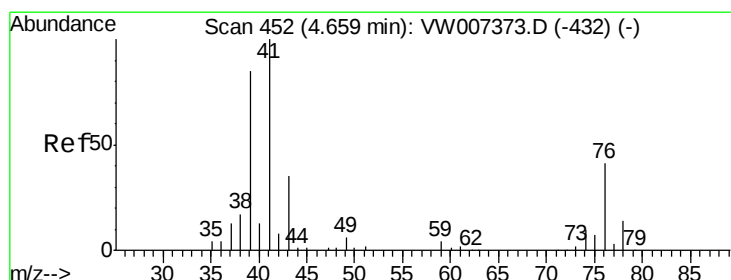
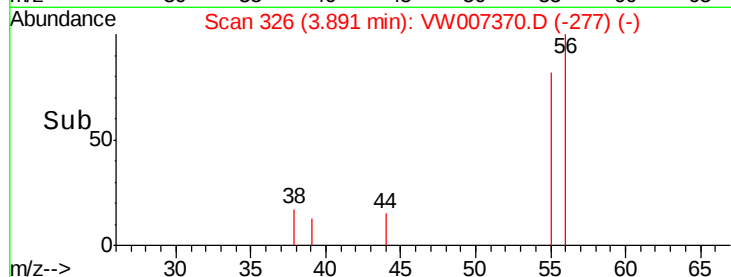
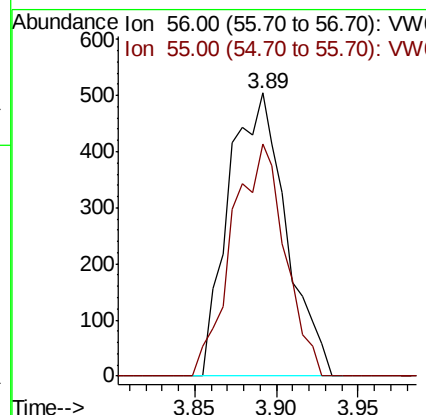
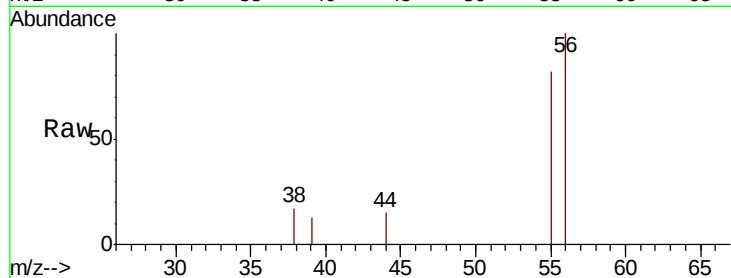
VSTDIC005

Tgt Ion: 56 Resp: 1232

Ion Ratio Lower Upper

56 100

55 75.8 57.4 86.2



#14

Allyl chloride

Concen: 4.813 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

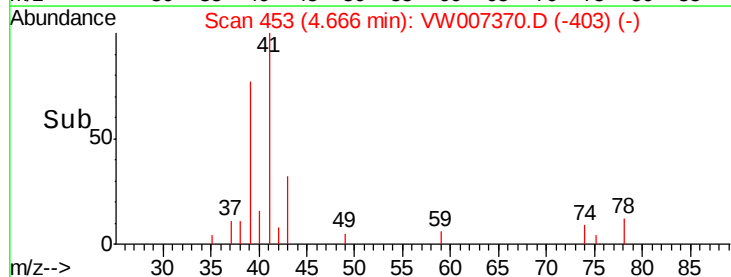
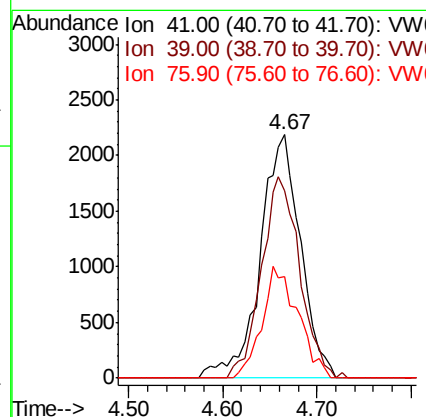
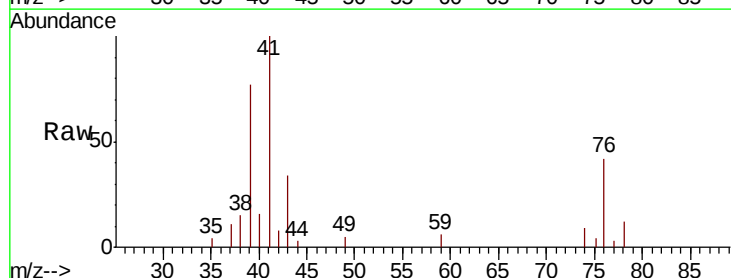
Tgt Ion: 41 Resp: 6530

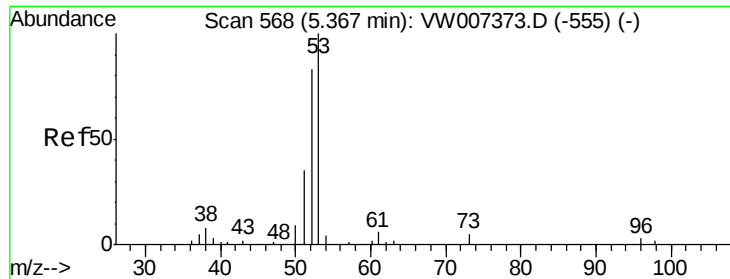
Ion Ratio Lower Upper

41 100

39 78.7 63.4 95.2

76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 26.400 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

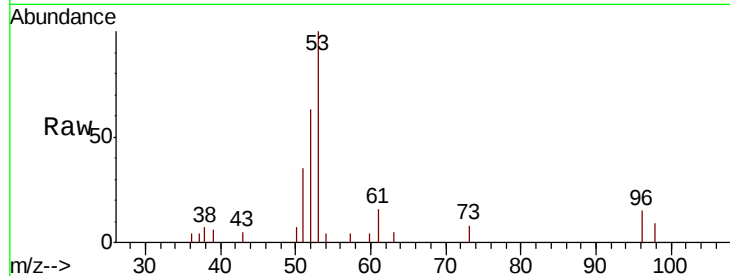
Tgt Ion: 53 Resp: 4630

Ion Ratio Lower Upper

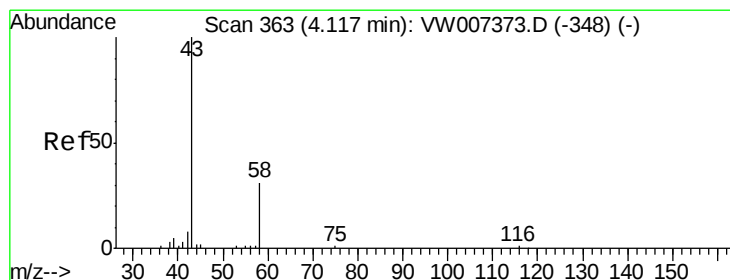
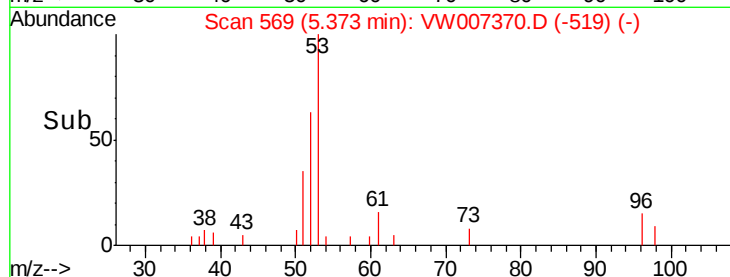
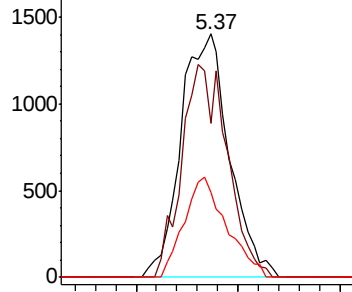
53 100

52 81.8 67.4 101.2

51 36.0 30.2 45.2



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



#16

Acetone

Concen: 25.800 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007370.D

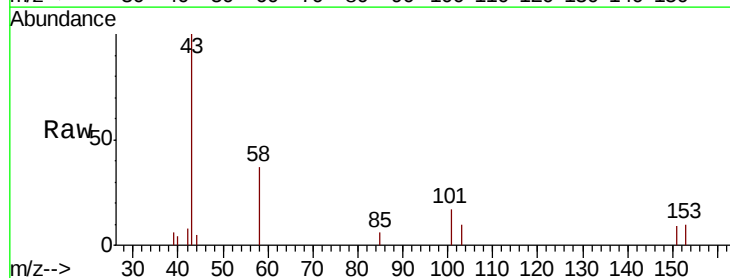
Acq: 10 Dec 2018 22:22

Tgt Ion: 43 Resp: 4862

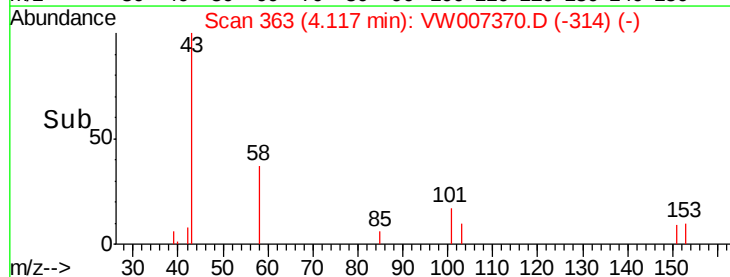
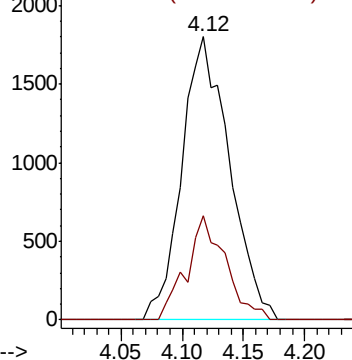
Ion Ratio Lower Upper

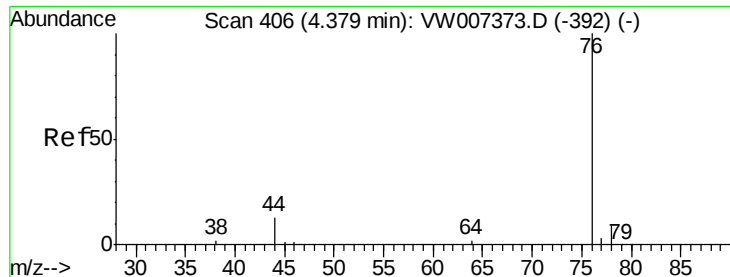
43 100

58 37.0 24.9 37.3



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

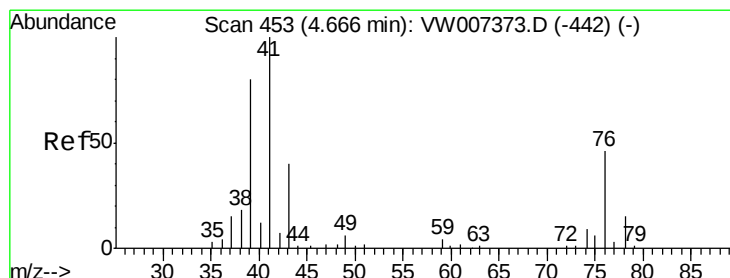
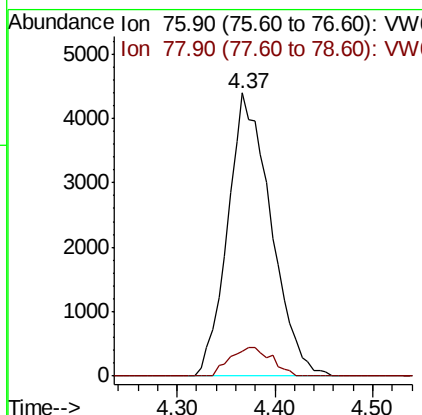
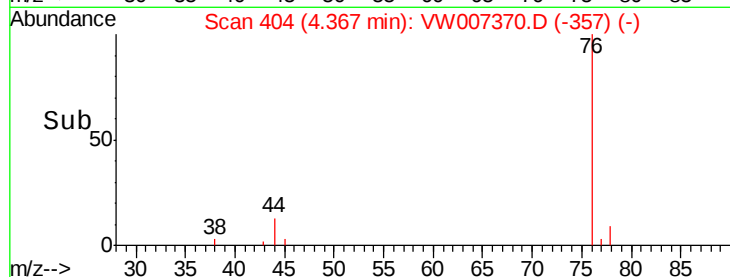
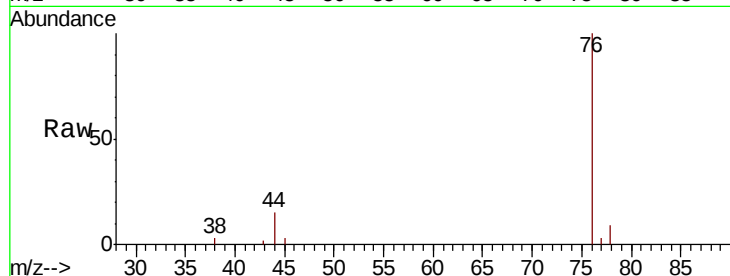




#17
Carbon Disulfide
Concen: 4.853 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

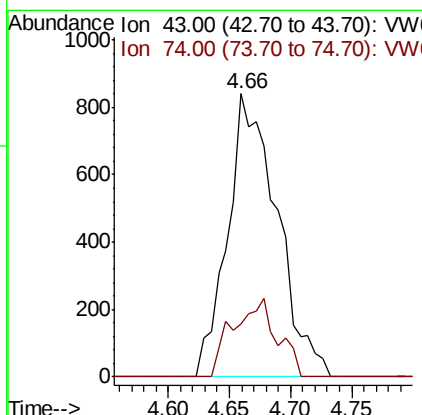
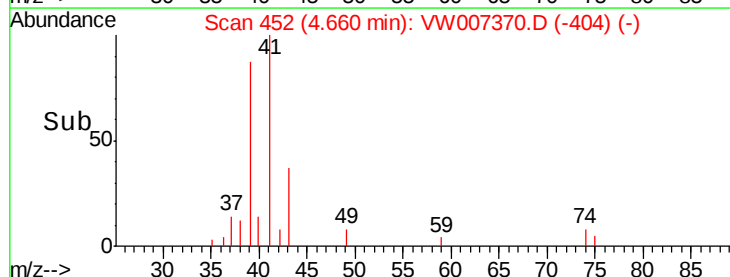
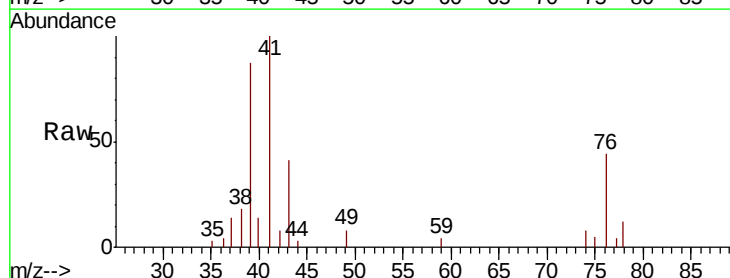
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

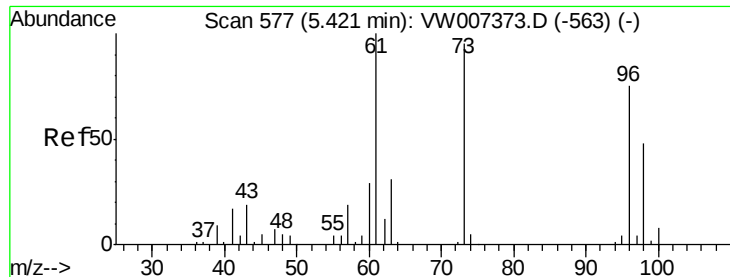
Tgt Ion: 76 Resp: 13481
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 5.201 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
74 24.8 21.1 31.7

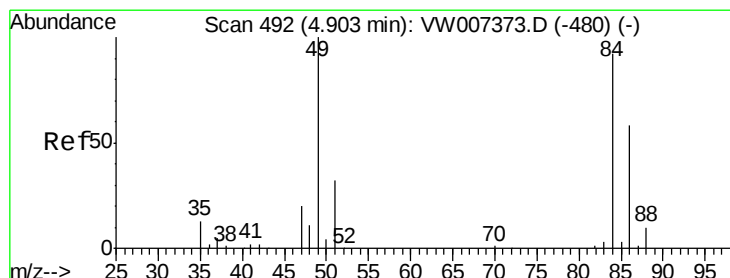
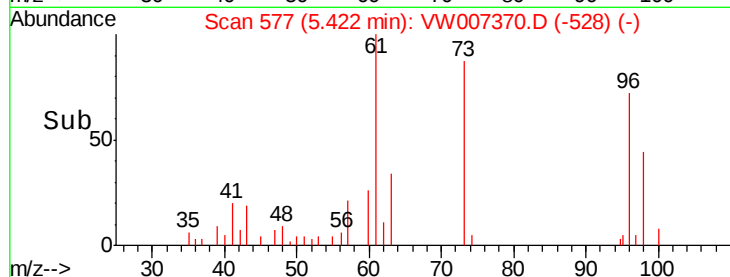
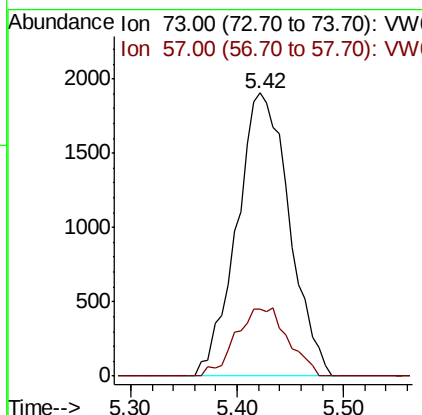
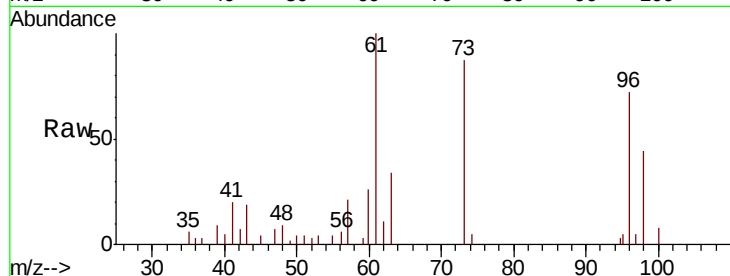




#19
Methyl tert-butyl Ether
Concen: 3.471 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

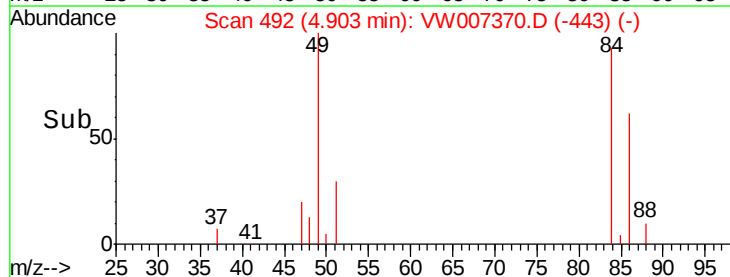
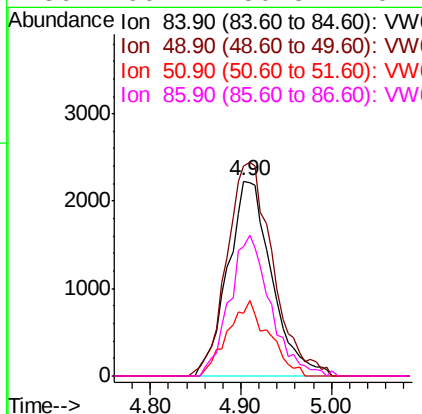
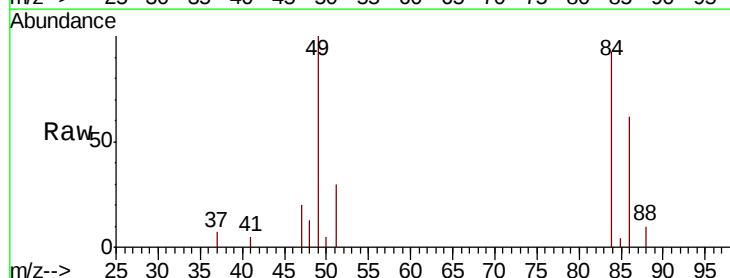
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

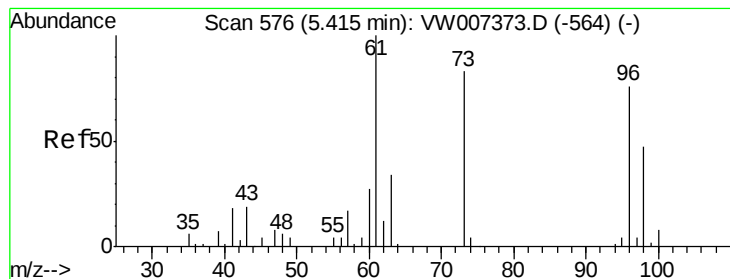
Tgt Ion: 73 Resp: 6564
Ion Ratio Lower Upper
73 100
57 23.5 16.4 24.6



#20
Methylene Chloride
Concen: 6.452 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 84 Resp: 7509
Ion Ratio Lower Upper
84 100
49 107.5 87.1 130.7
51 32.4 28.2 42.2
86 66.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 5.183 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

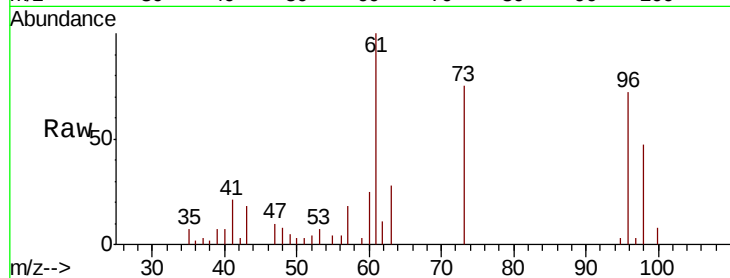
Tgt Ion: 96 Resp: 4980

Ion Ratio Lower Upper

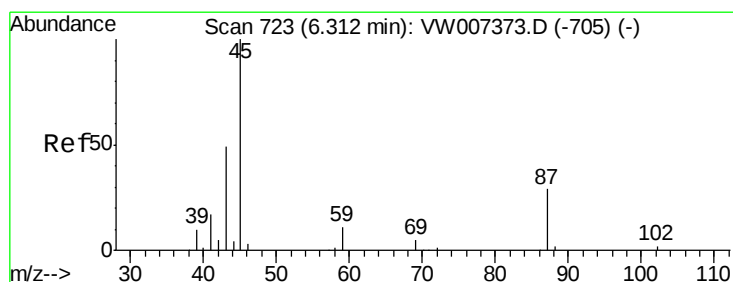
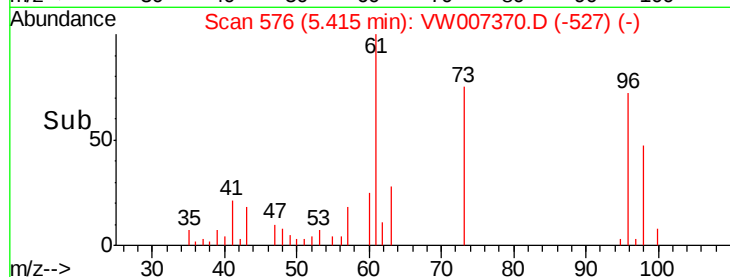
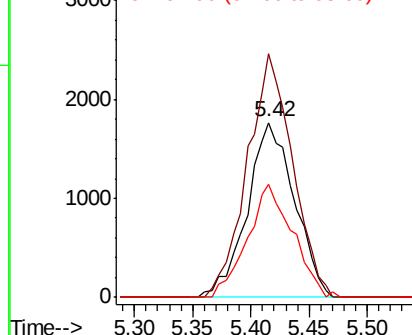
96 100

61 139.3 105.0 157.6

98 64.8 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: 5.083 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Tgt Ion: 45 Resp: 12476

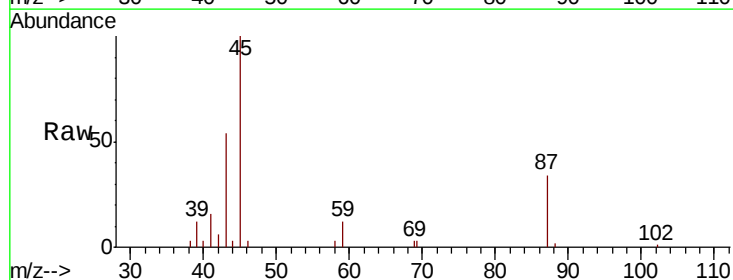
Ion Ratio Lower Upper

45 100

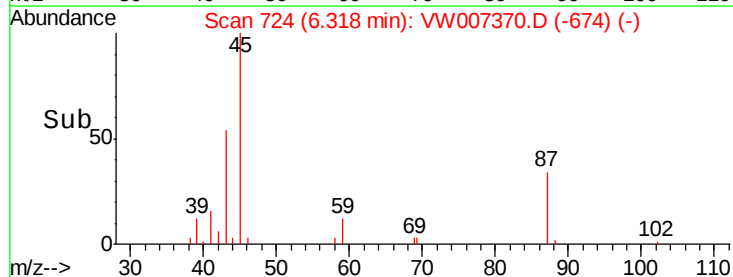
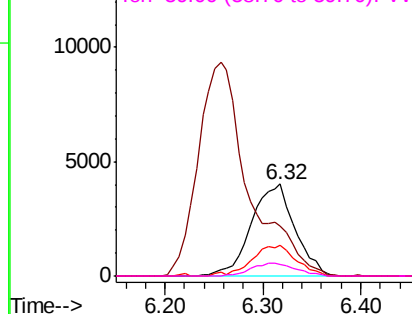
43 54.0 41.6 62.4

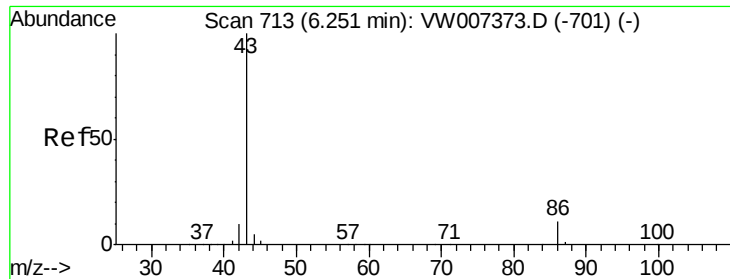
87 33.9 24.3 36.5

59 12.2 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

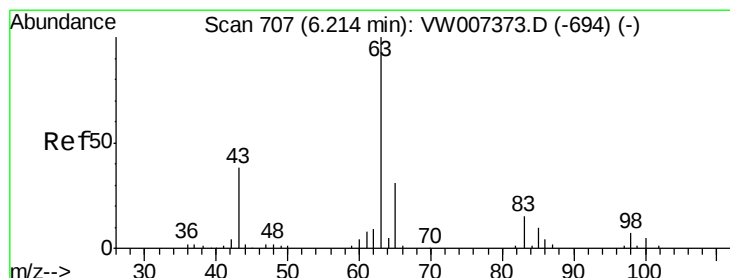
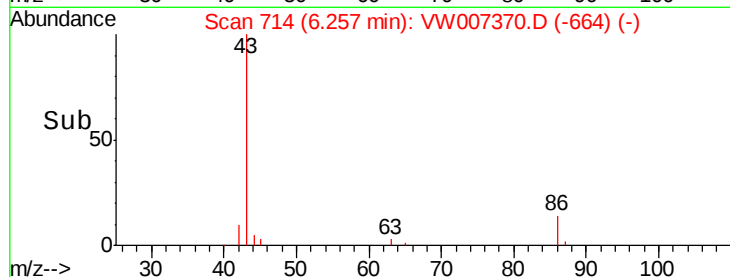
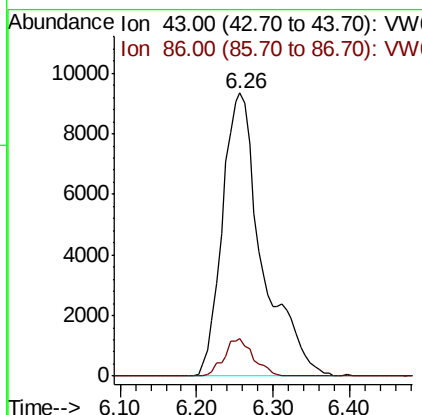
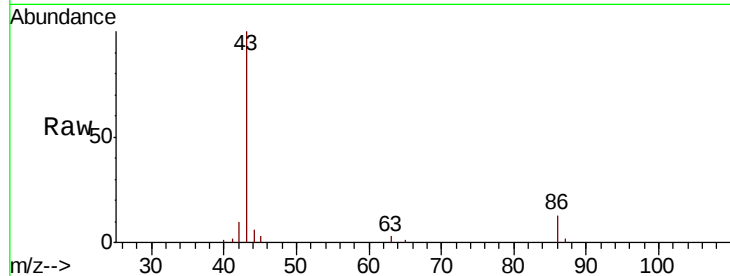




#23
 Vinyl Acetate
 Concen: 24.952 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

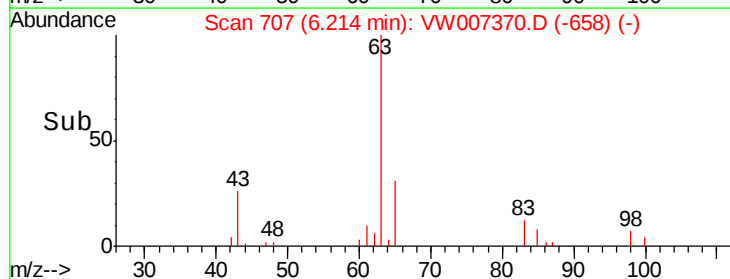
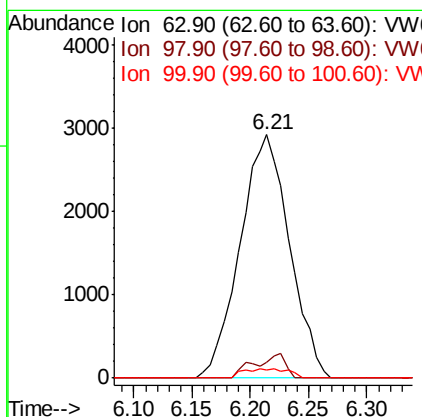
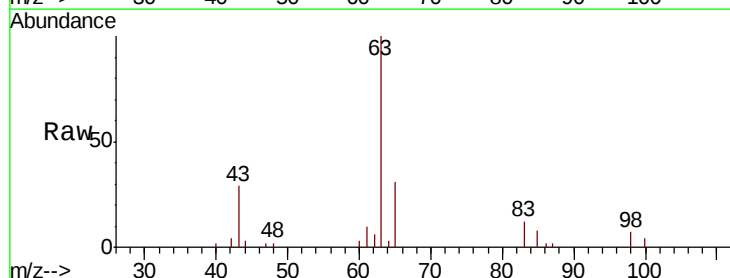
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

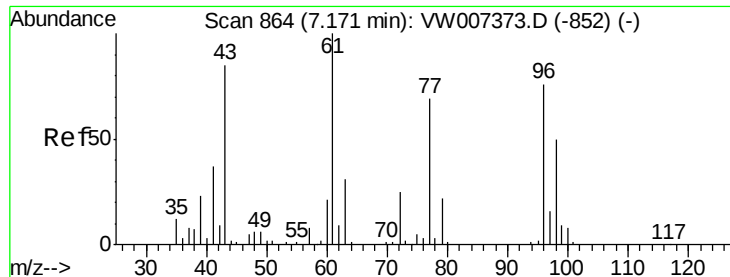
Tgt Ion: 43 Resp: 33567
 Ion Ratio Lower Upper
 43 100
 86 13.3 8.6 12.8#



#24
 1,1-Dichloroethane
 Concen: 5.388 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 63 Resp: 8596
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.6 2.5 7.5





#25

2-Butanone

Concen: 25.224 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

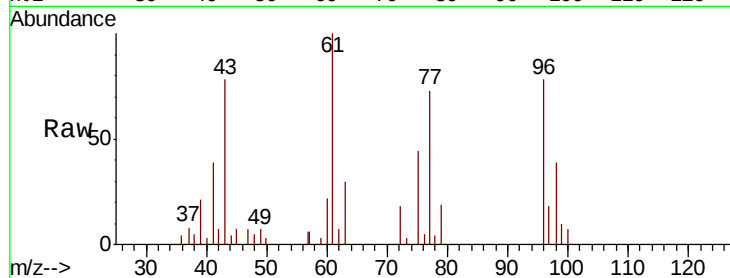
VSTDIC005

Tgt Ion: 43 Resp: 5706

Ion Ratio Lower Upper

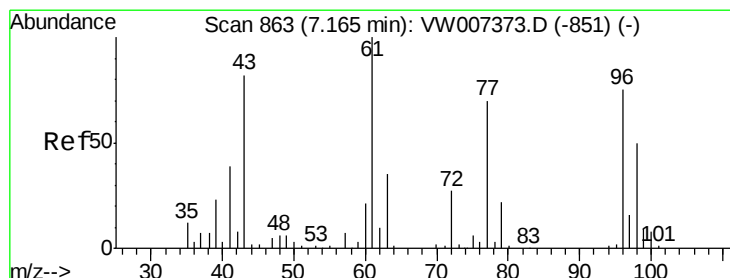
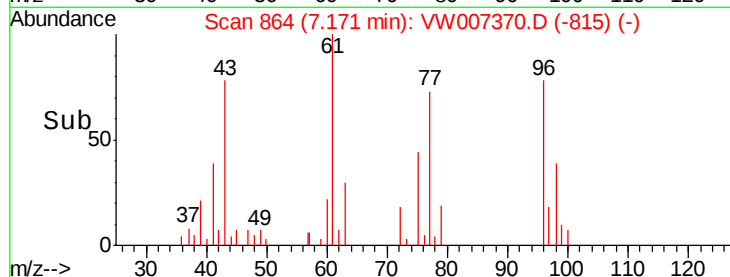
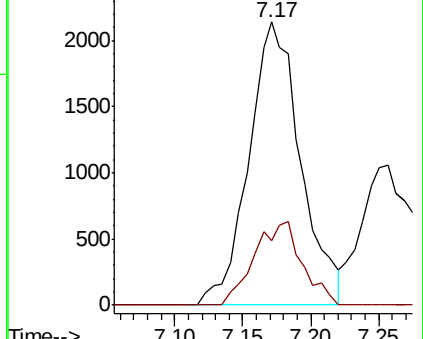
43 100

72 22.7 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: 4.054 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007370.D

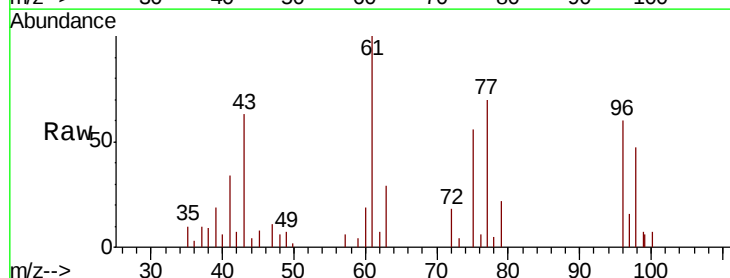
Acq: 10 Dec 2018 22:22

Tgt Ion: 77 Resp: 5872

Ion Ratio Lower Upper

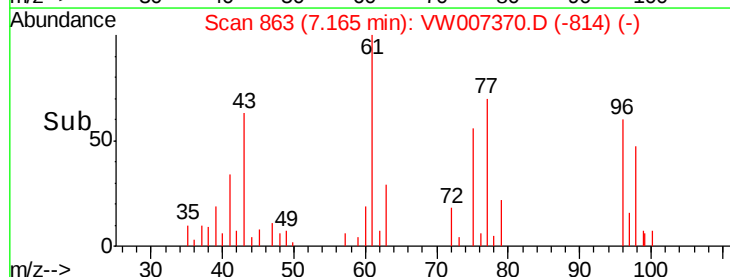
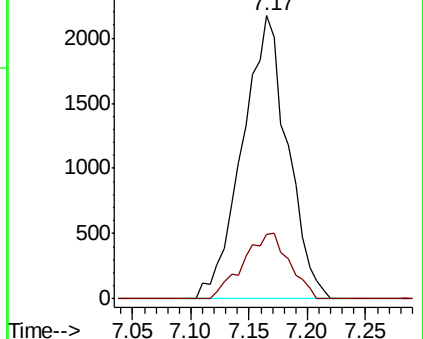
77 100

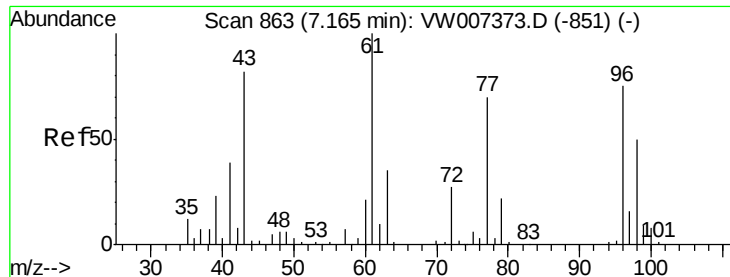
97 23.5 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

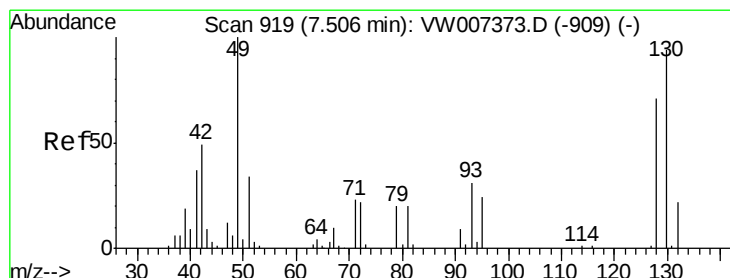
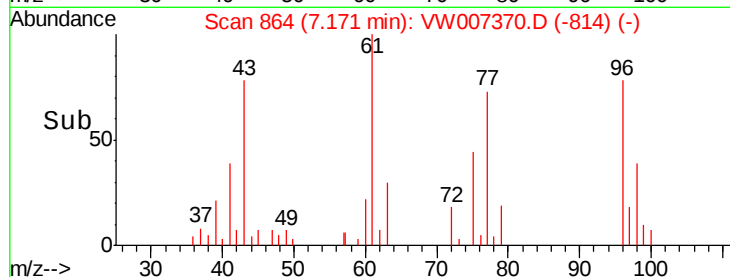
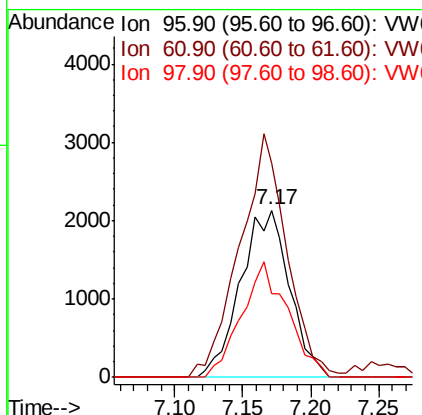
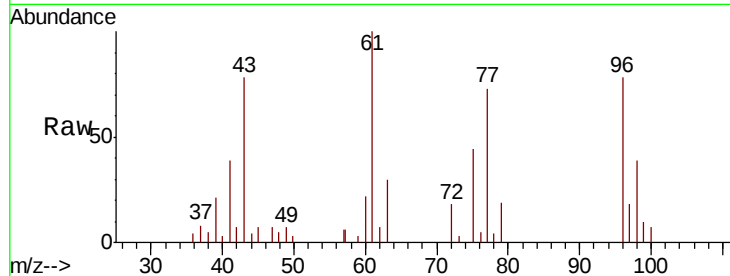




#27
 cis-1,2-Dichloroethene
 Concen: 5.186 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

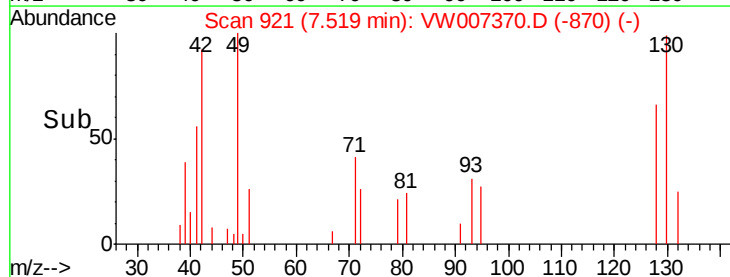
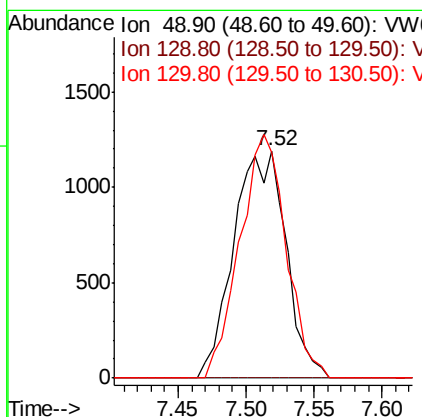
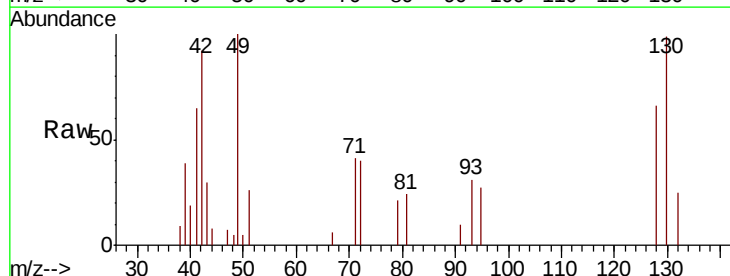
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

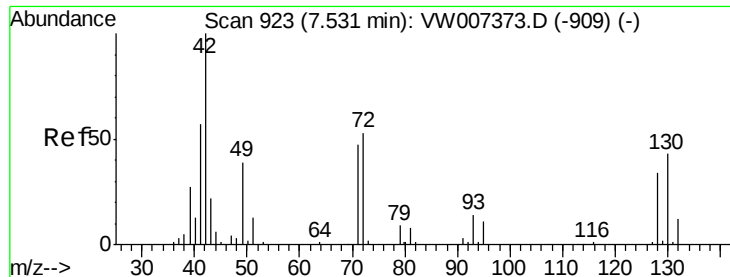
Tgt Ion: 96 Resp: 5371
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 268.4
 98 64.6 0.0 127.8



#28
 Bromochloromethane
 Concen: 5.474 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 49 Resp: 3196
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.6
 130 95.1 75.9 113.9





#29

Tetrahydrofuran

Concen: 24.088 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

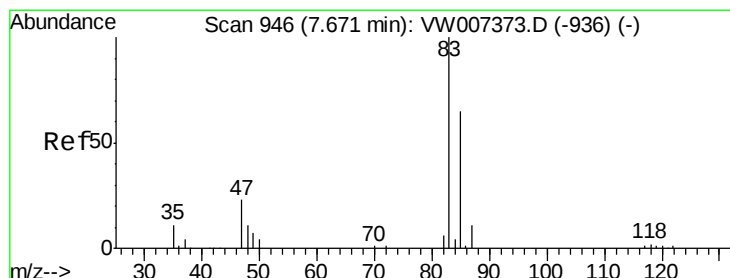
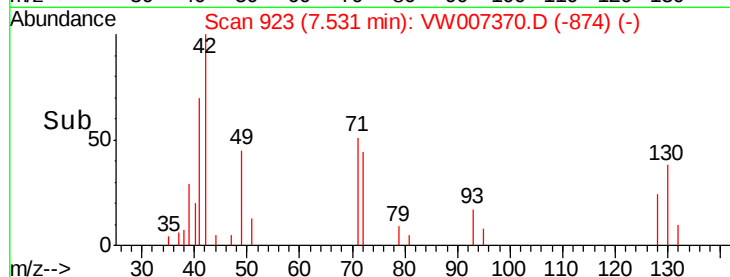
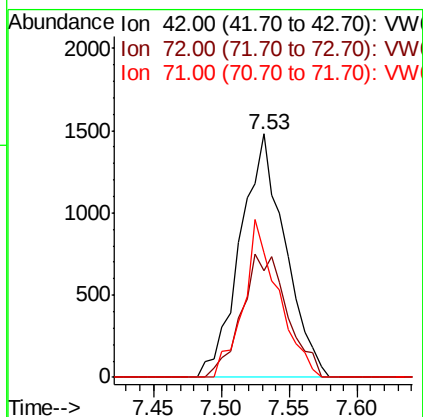
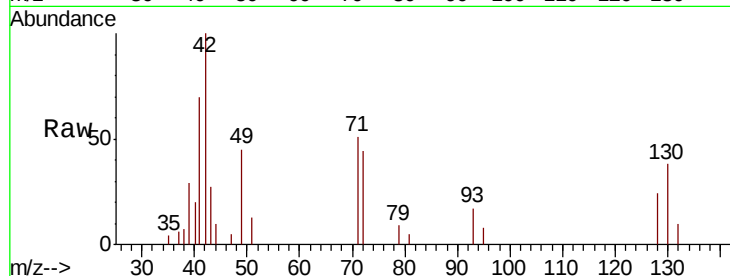
Tgt Ion: 42 Resp: 3405

Ion Ratio Lower Upper

42 100

72 51.5 38.2 57.4

71 50.4 35.5 53.3



#30

Chloroform

Concen: 5.518 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW007370.D

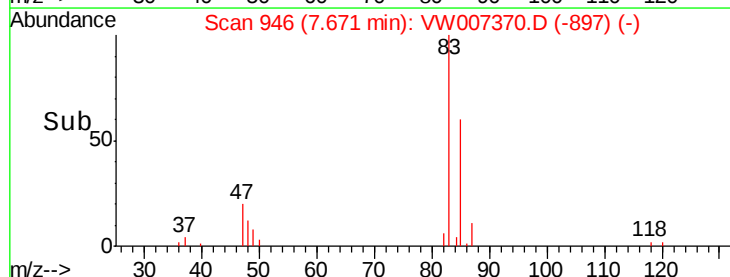
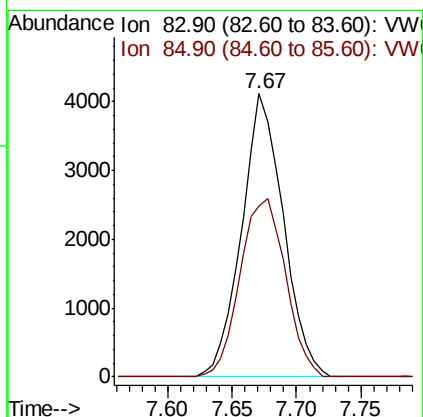
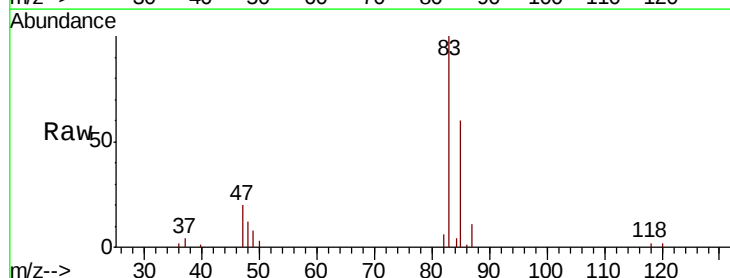
Acq: 10 Dec 2018 22:22

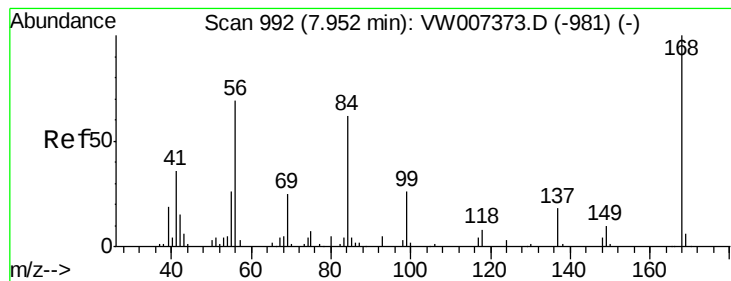
Tgt Ion: 83 Resp: 9238

Ion Ratio Lower Upper

83 100

85 60.1 51.8 77.8





#31

Cyclohexane

Concen: 5.549 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

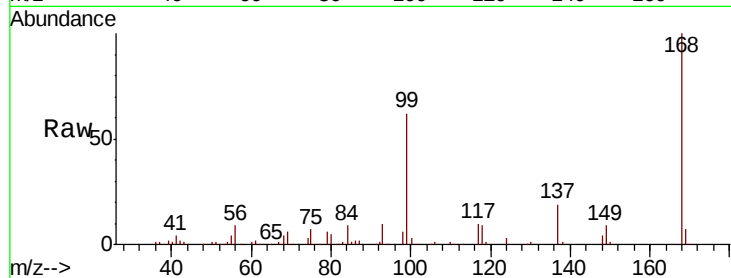
Tgt Ion: 56 Resp: 9009

Ion Ratio Lower Upper

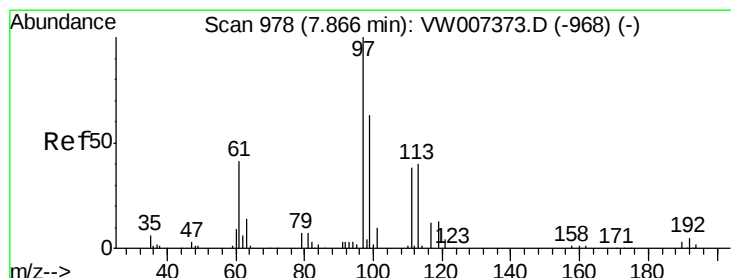
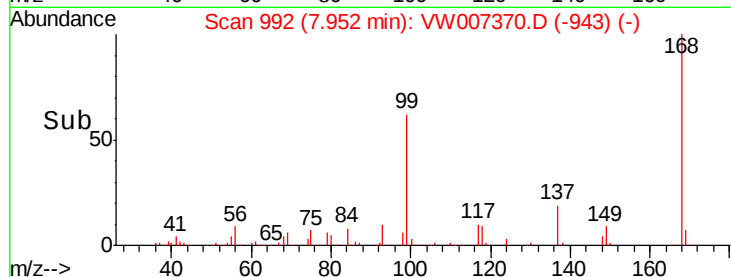
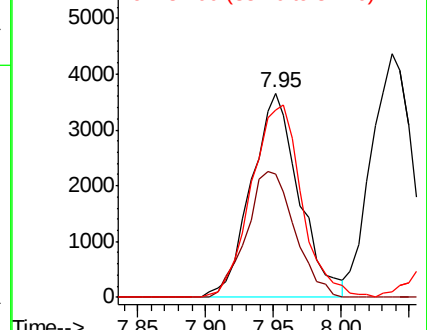
56 100

69 60.6 28.9 43.3#

84 91.7 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 5.361 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

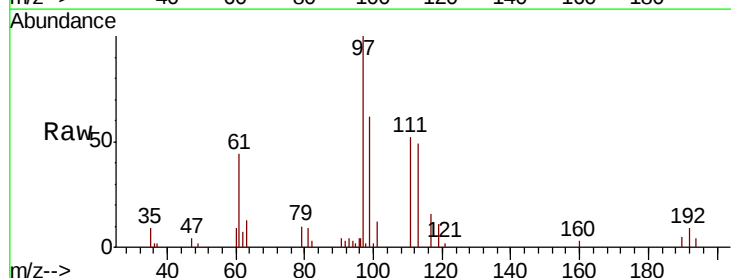
Tgt Ion: 97 Resp: 8296

Ion Ratio Lower Upper

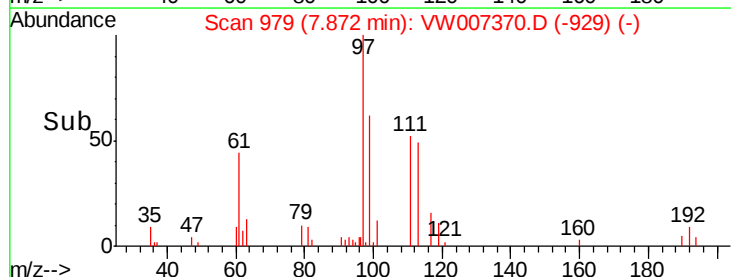
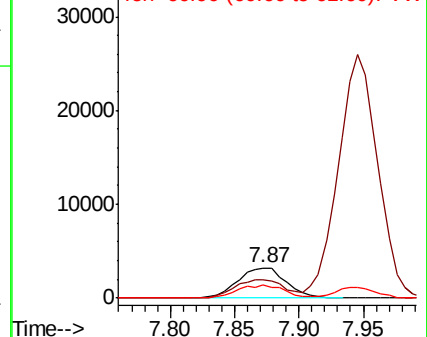
97 100

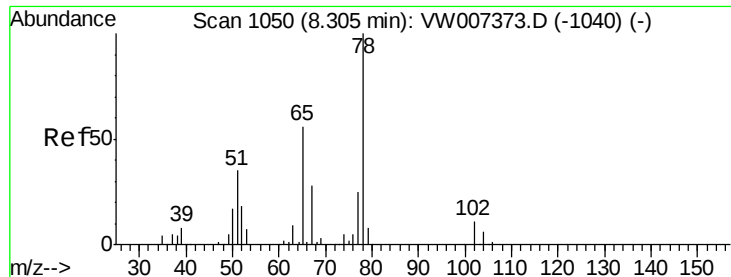
99 64.5 51.1 76.7

61 43.7 33.2 49.8



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

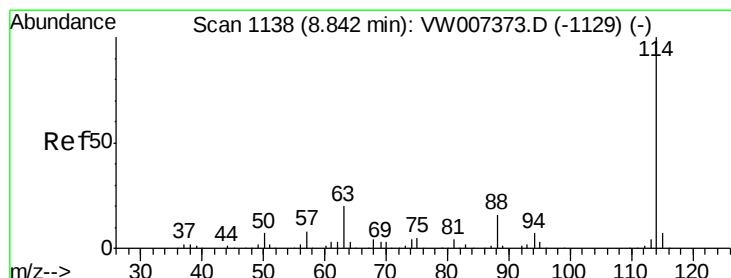
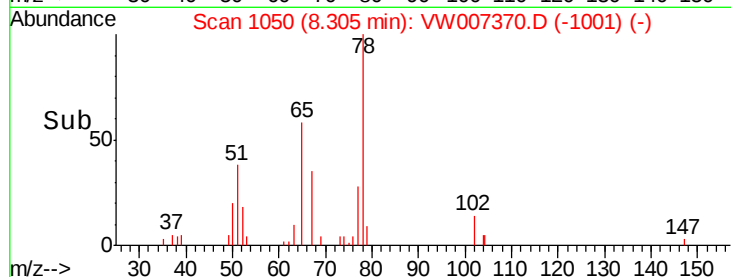
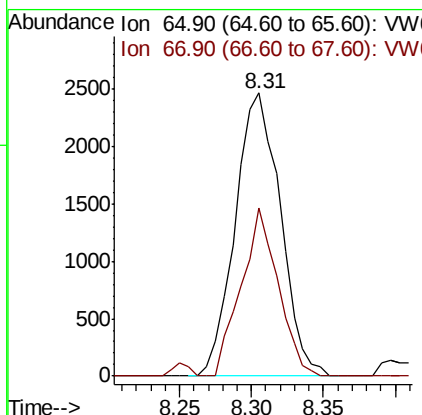
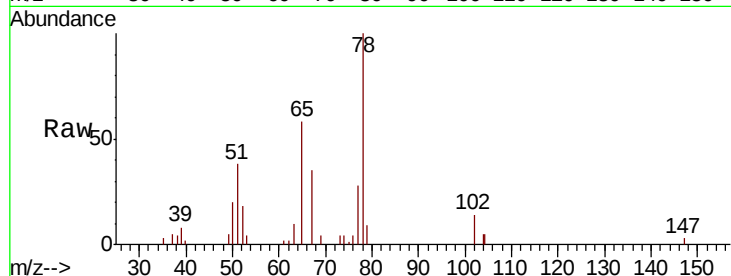




#33
 1,2-Dichloroethane-d4
 Concen: 6.208 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

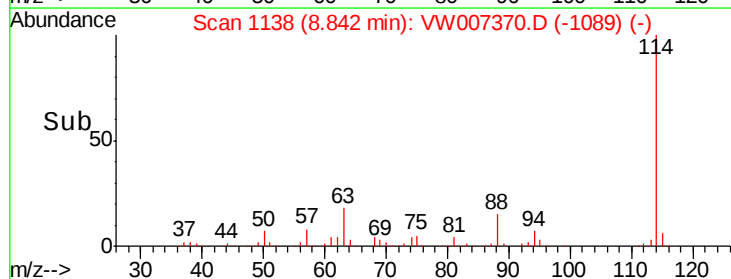
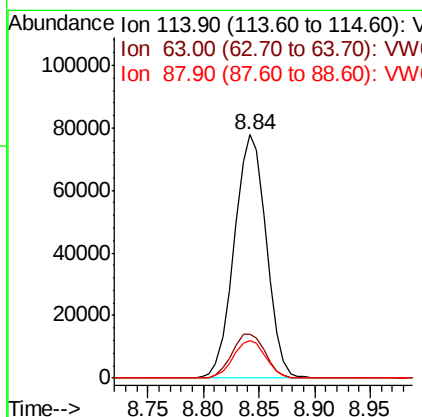
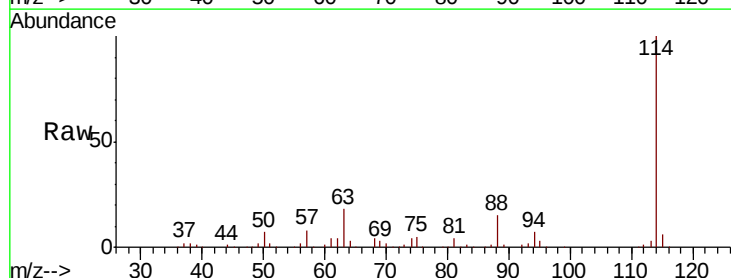
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

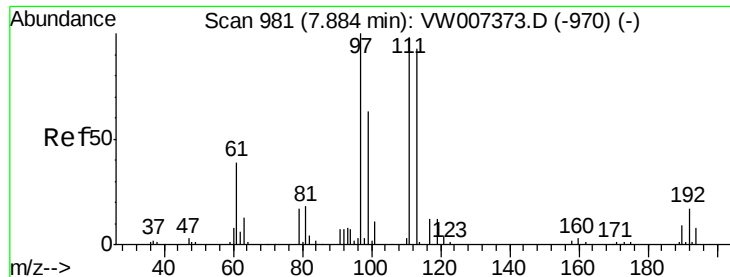
Tgt Ion: 65 Resp: 5368
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 114 Resp: 154613
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.6
 88 15.5 0.0 31.4

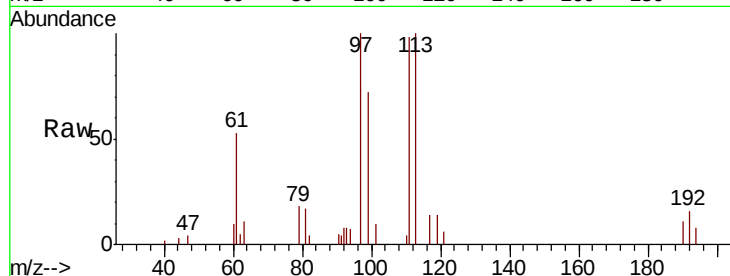




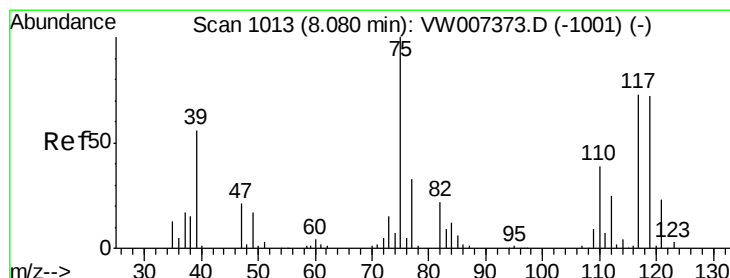
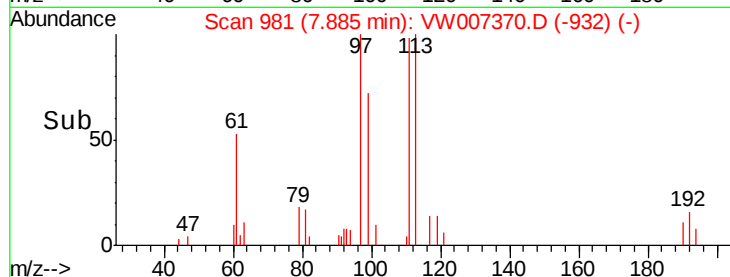
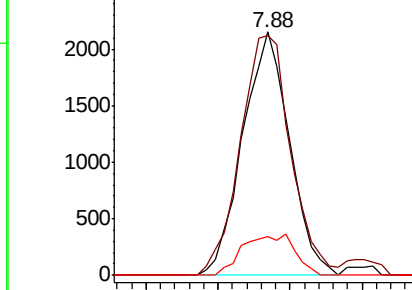
#35
 Dibromofluoromethane
 Concen: 5.390 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 4850
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.1 121.7
 192 18.6 14.6 21.8

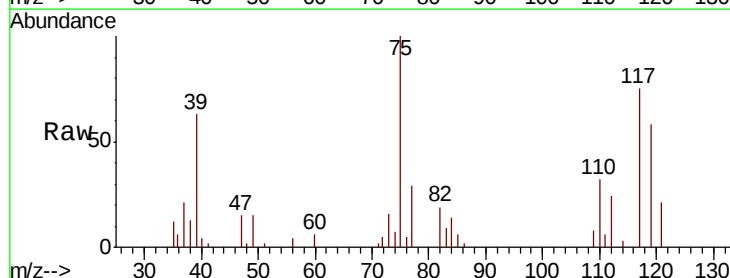


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

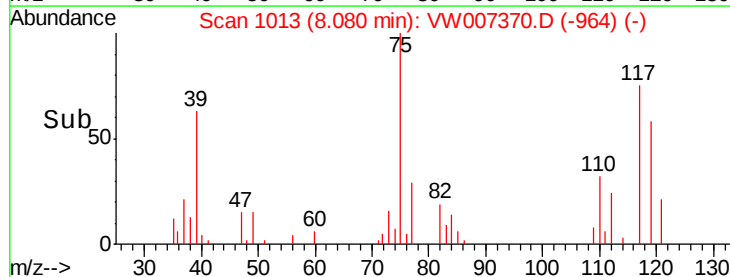
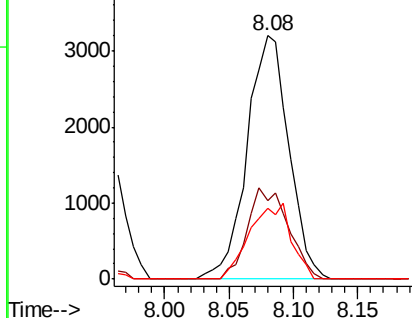


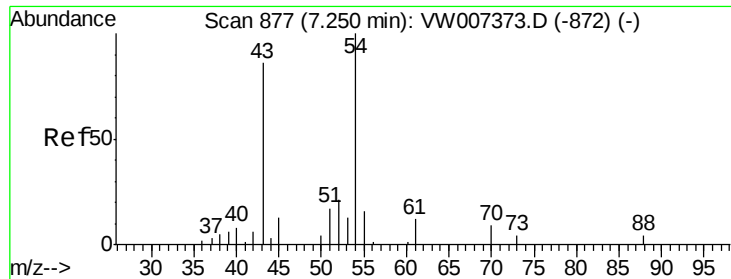
#36
 1,1-Dichloropropene
 Concen: 4.850 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 75 Resp: 7181
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.5 55.5
 77 30.9 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

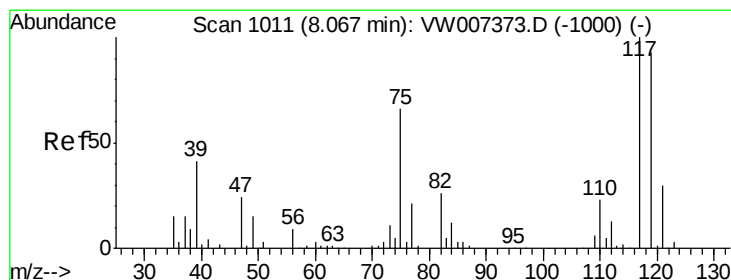
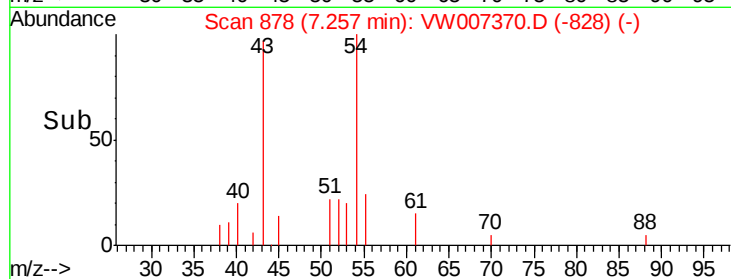
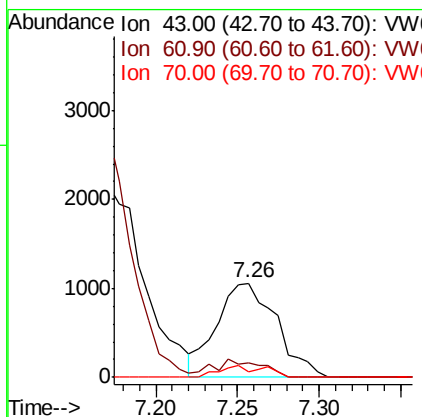
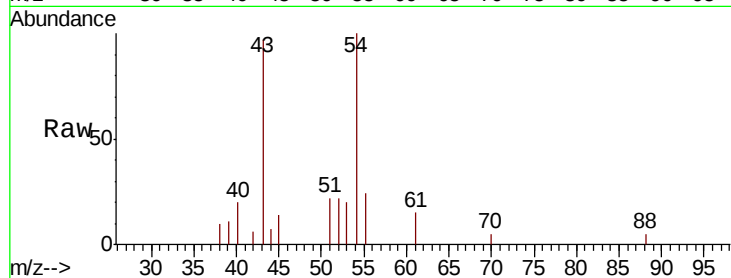




#37
Ethyl Acetate
Concen: 5.059 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

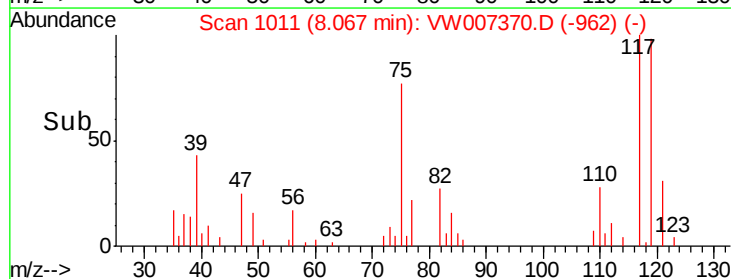
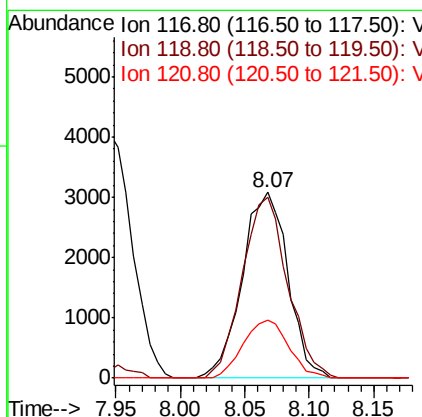
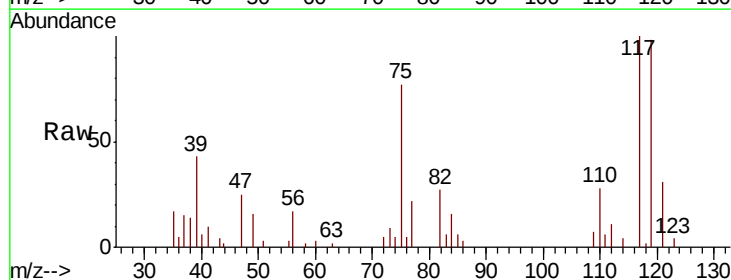
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

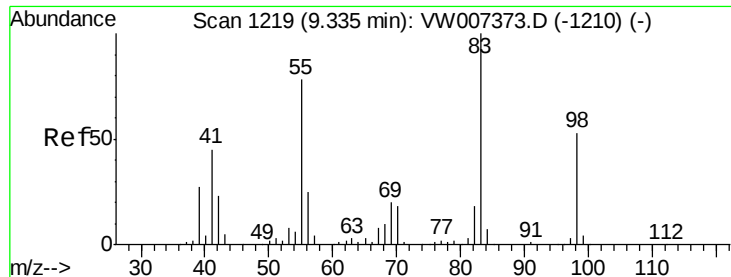
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 5.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 117 Resp: 7551
Ion Ratio Lower Upper
117 100
119 97.7 74.3 111.5
121 31.2 24.3 36.5

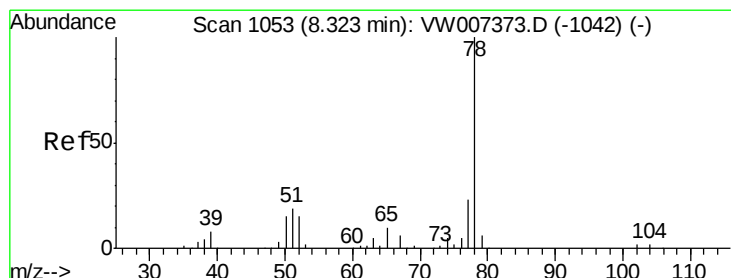
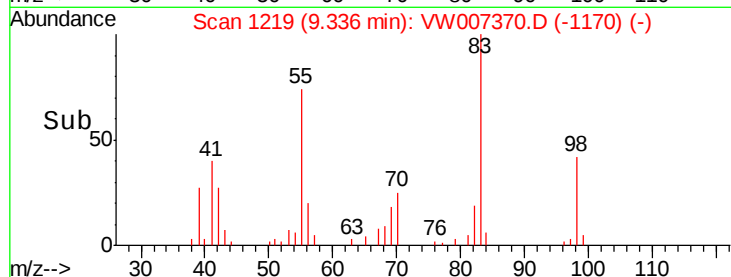
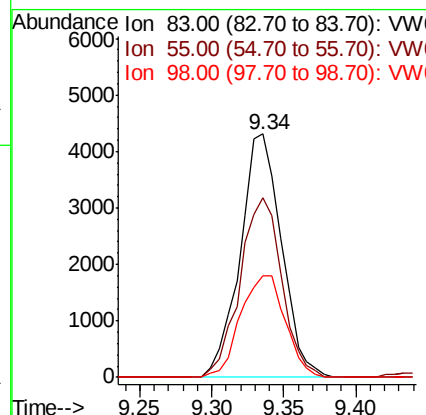
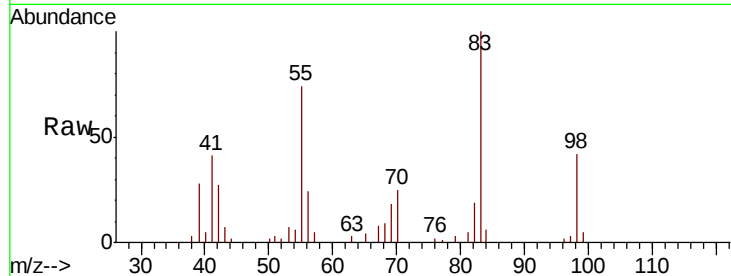




#39
Methylcyclohexane
Concen: 4.361 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

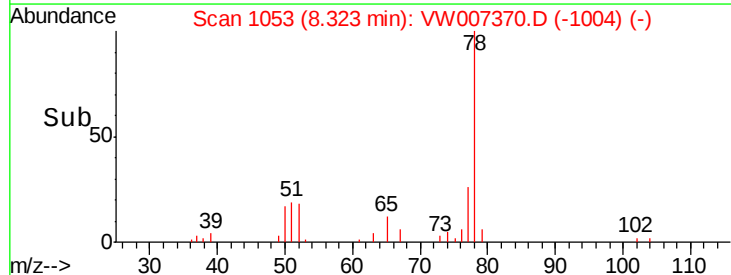
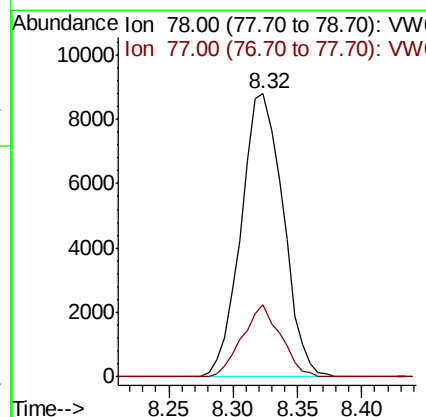
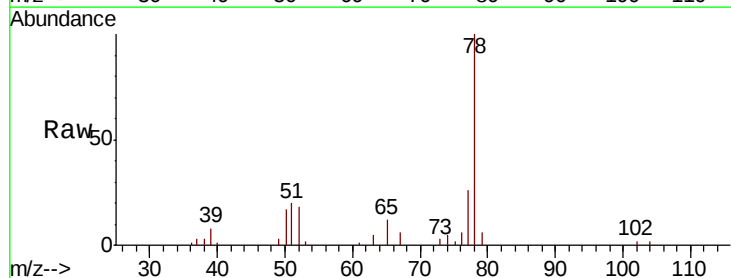
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

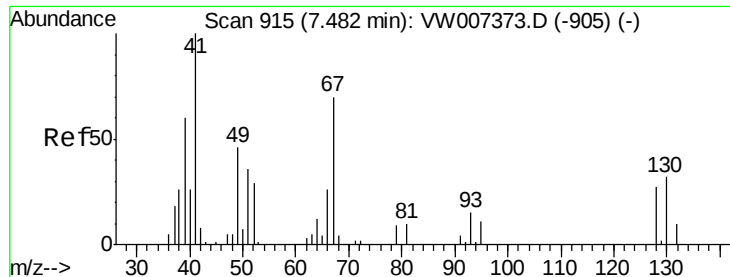
Tgt Ion: 83 Resp: 8549
Ion Ratio Lower Upper
83 100
55 73.6 62.8 94.2
98 41.5 42.2 63.2#



#40
Benzene
Concen: 4.878 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 78 Resp: 19949
Ion Ratio Lower Upper
78 100
77 25.6 18.8 28.2

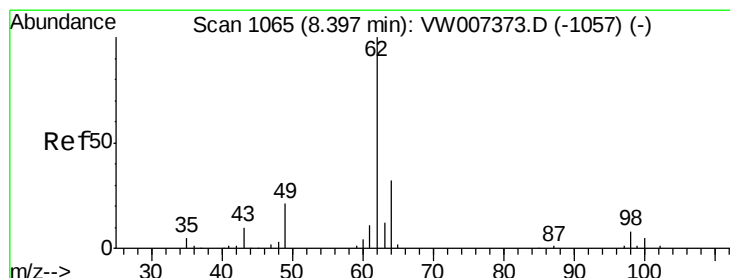
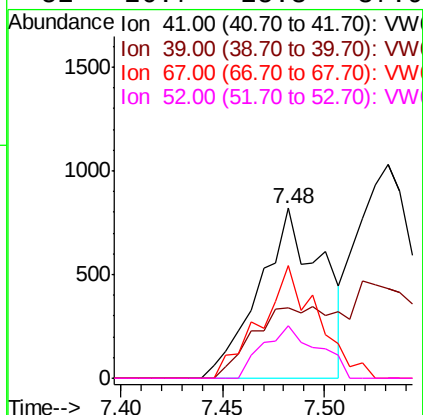
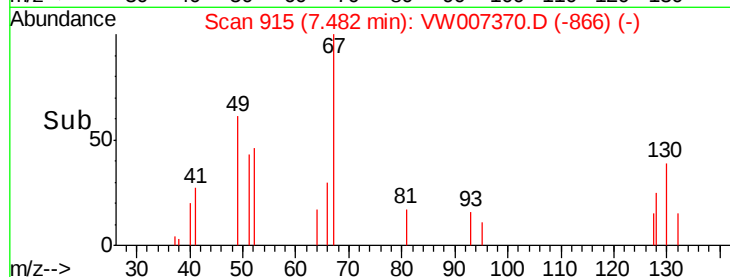
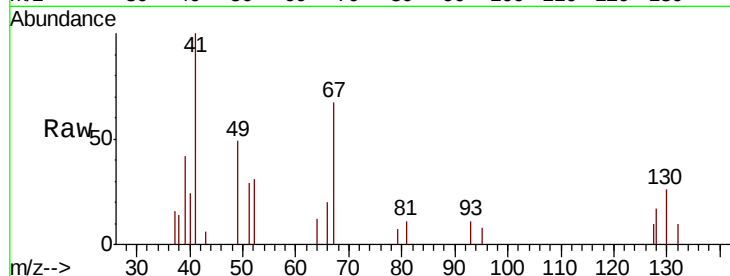




#41
Methacrylonitrile
Concen: 5.508 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

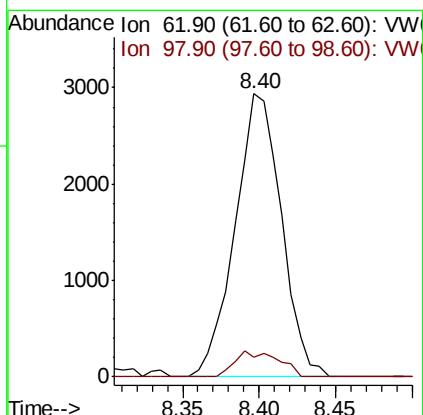
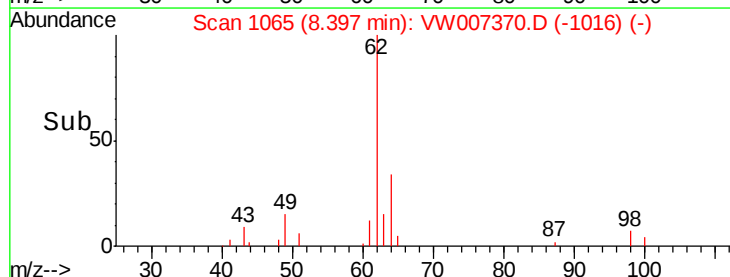
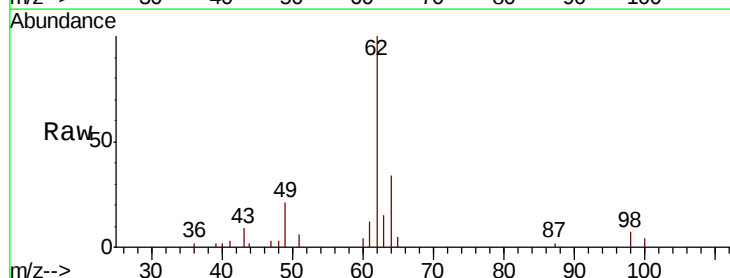
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

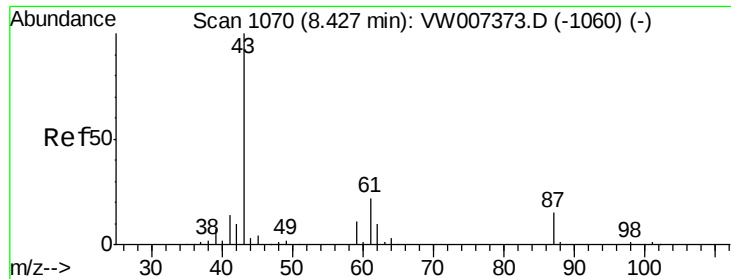
Tgt Ion: 41 Resp: 1761
Ion Ratio Lower Upper
41 100
39 47.0 52.2 78.2#
67 60.0 60.5 90.7#
52 26.7 25.3 37.9



#42
1,2-Dichloroethane
Concen: 5.277 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 62 Resp: 6176
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 4.828 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

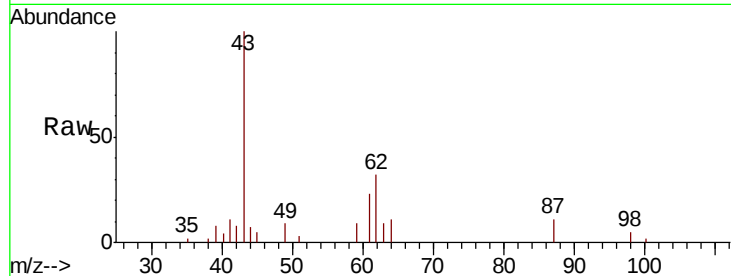
Tgt Ion: 43 Resp: 5068

Ion Ratio Lower Upper

43 100

61 34.4 25.3 37.9

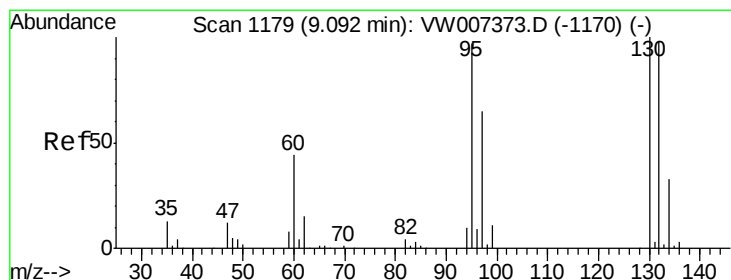
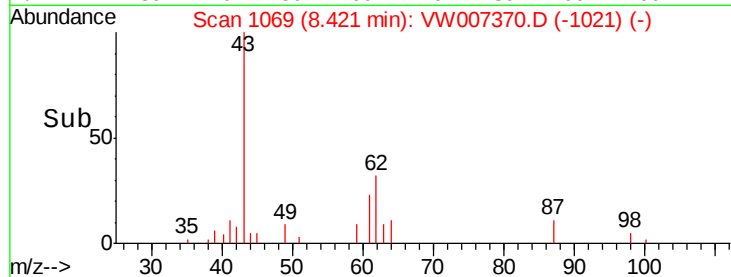
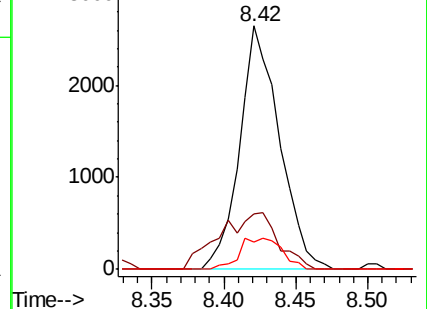
87 13.8 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.892 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007370.D

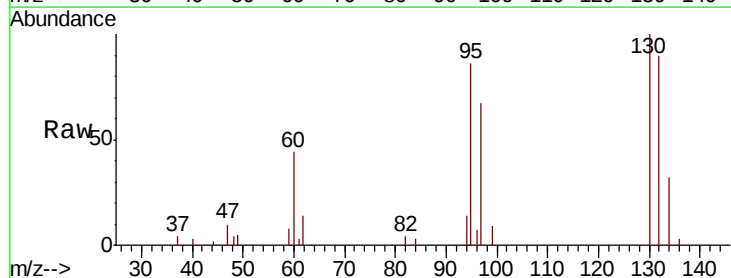
Acq: 10 Dec 2018 22:22

Tgt Ion: 130 Resp: 5603

Ion Ratio Lower Upper

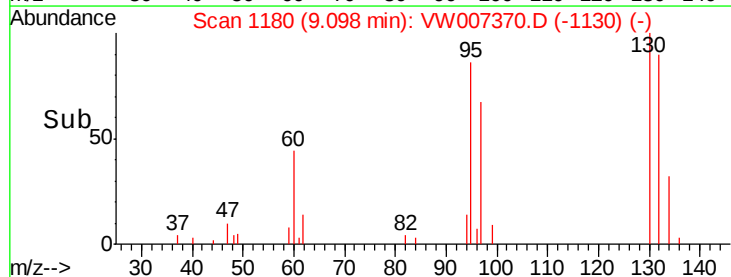
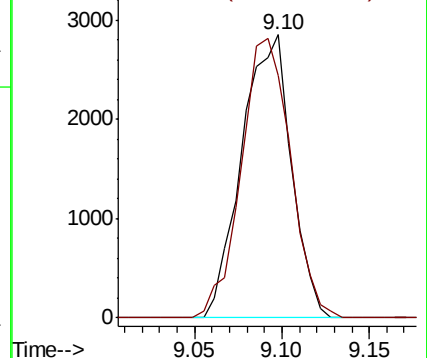
130 100

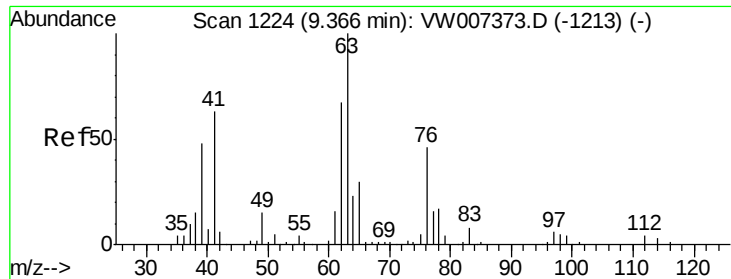
95 85.6 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

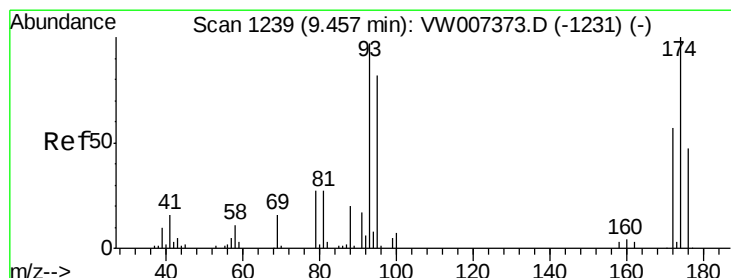
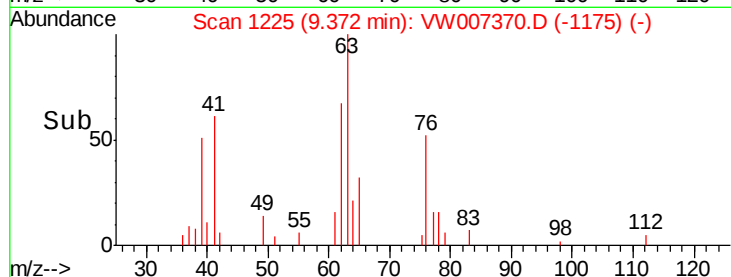
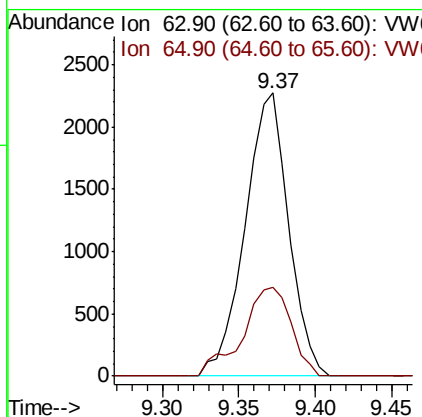
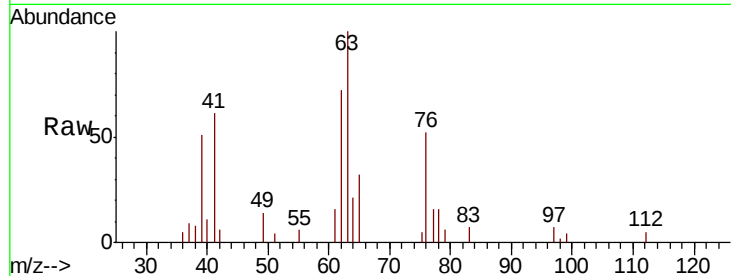




#45
 1,2-Dichloropropane
 Concen: 4.728 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

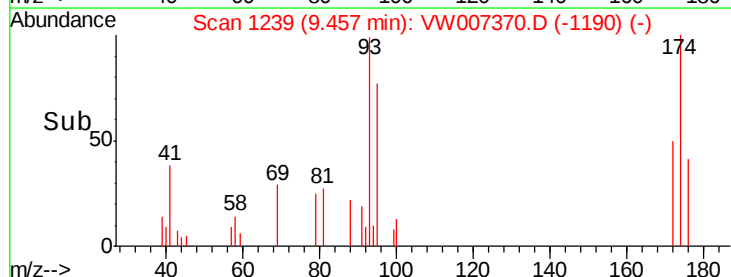
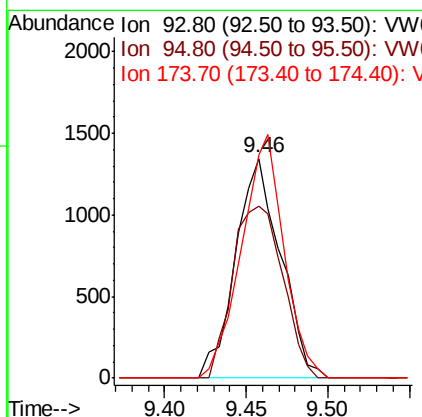
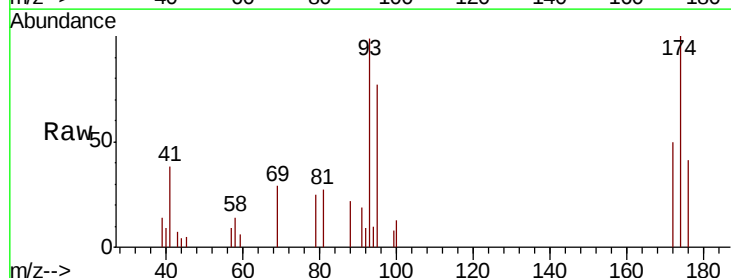
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

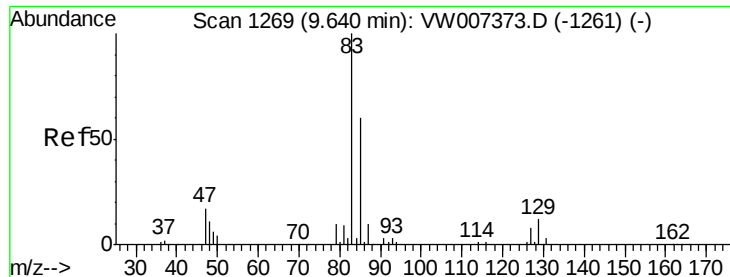
Tgt Ion: 63 Resp: 4504
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6



#46
 Dibromomethane
 Concen: 5.151 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 93 Resp: 2587
 Ion Ratio Lower Upper
 93 100
 95 87.2 68.0 102.0
 174 104.5 83.2 124.8





#47

Bromodichloromethane

Concen: 5.017 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

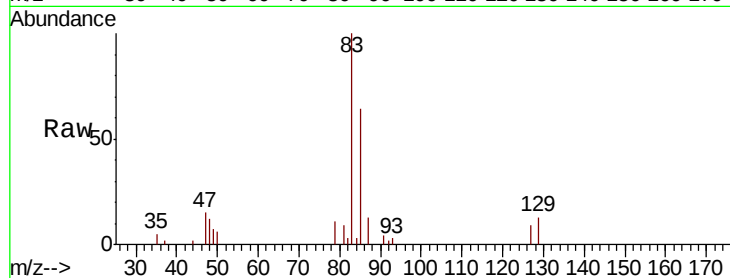
Tgt Ion: 83 Resp: 6635

Ion Ratio Lower Upper

83 100

85 63.7 47.6 71.4

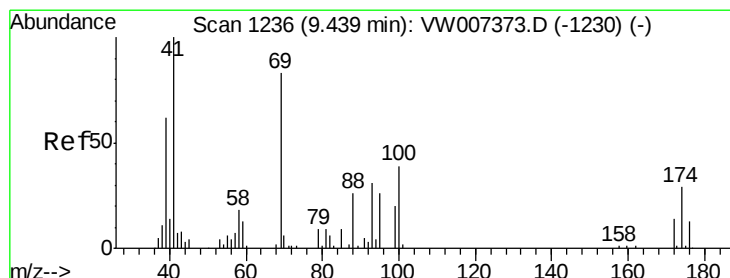
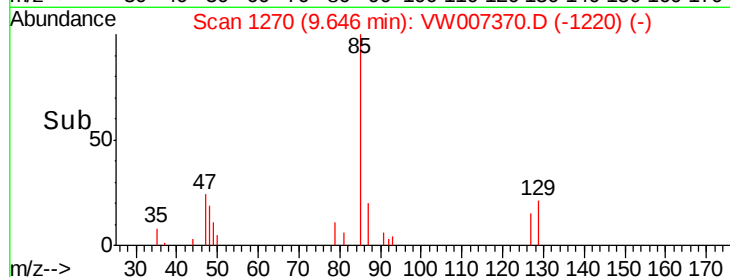
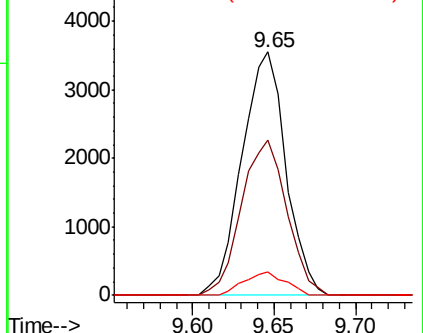
127 9.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 5.342 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

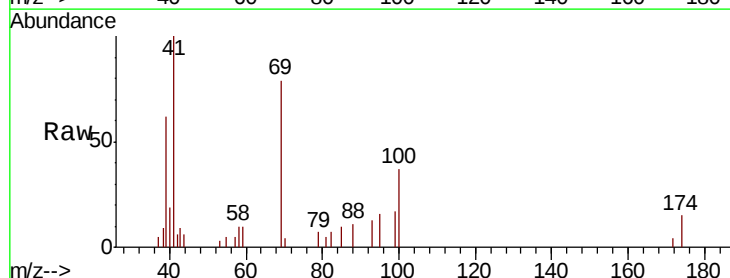
Tgt Ion: 41 Resp: 2883

Ion Ratio Lower Upper

41 100

69 76.6 69.8 104.8

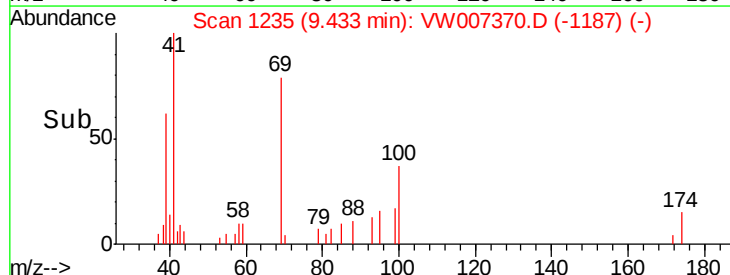
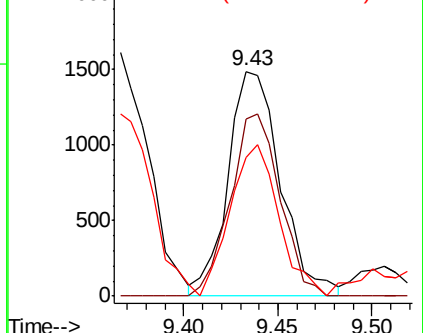
39 62.3 50.9 76.3

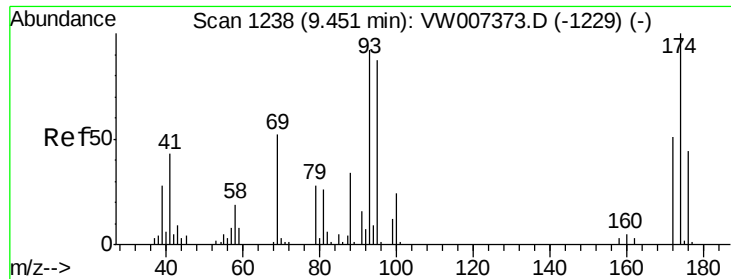


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

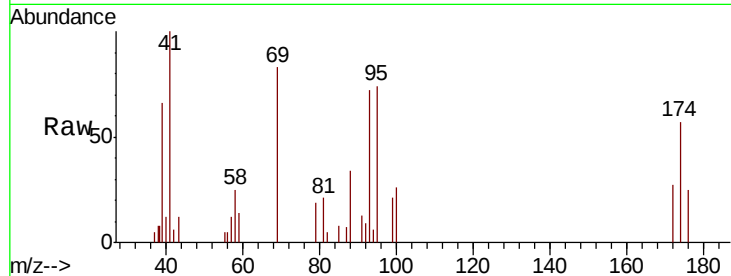




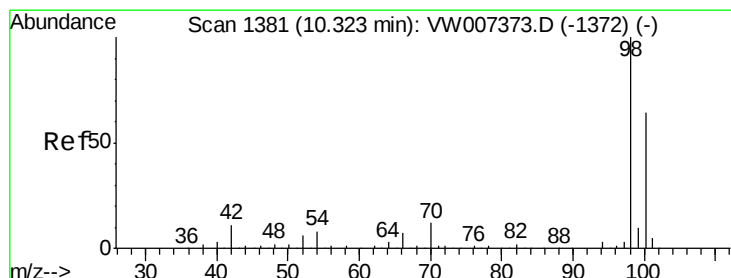
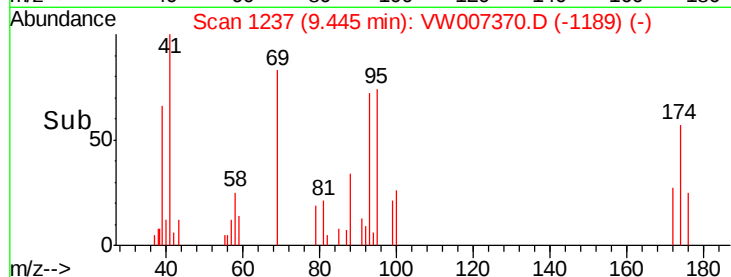
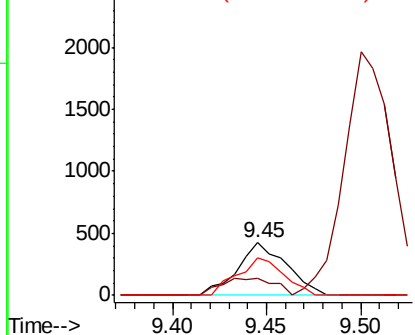
#49
 1,4-Dioxane
 Concen: 88.345 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 763
 Ion Ratio Lower Upper
 88 100
 43 35.8 25.0 37.4
 58 67.0 51.4 77.2

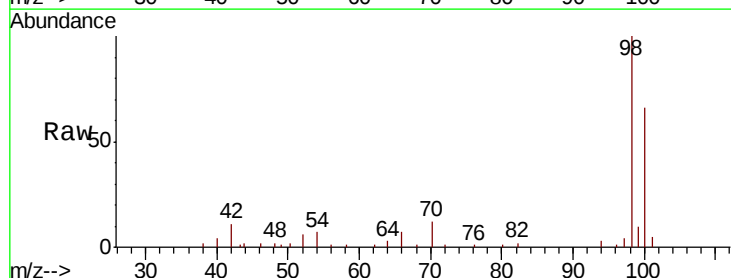


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

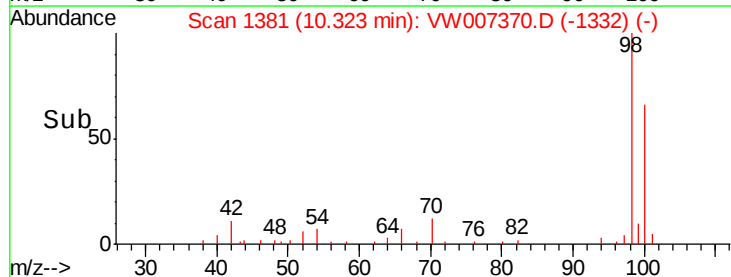
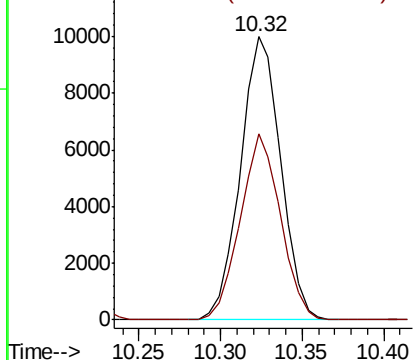


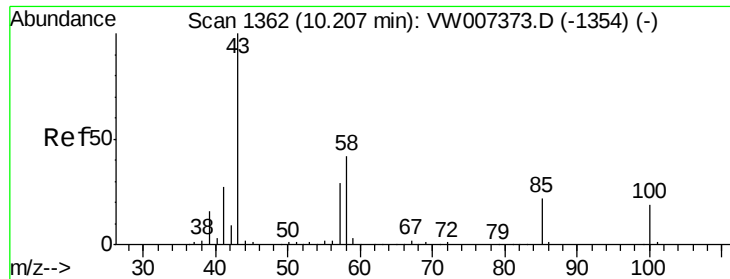
#50
 Toluene-d8
 Concen: 4.453 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 98 Resp: 17168
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.8 77.8



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

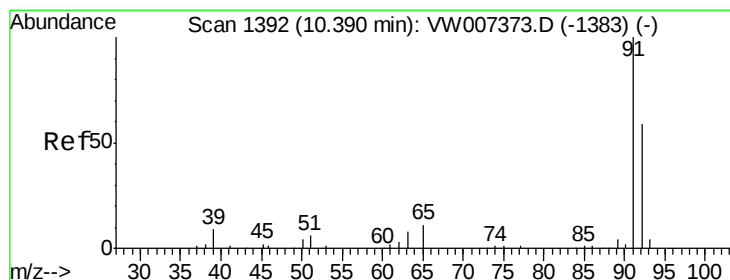
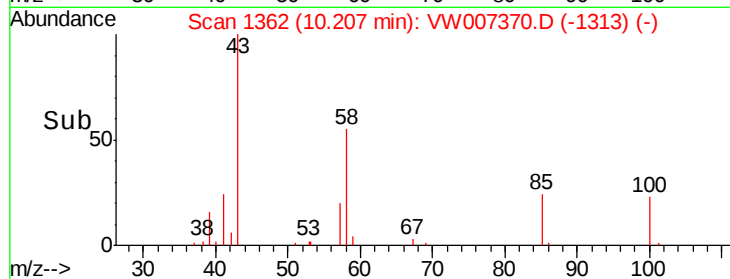
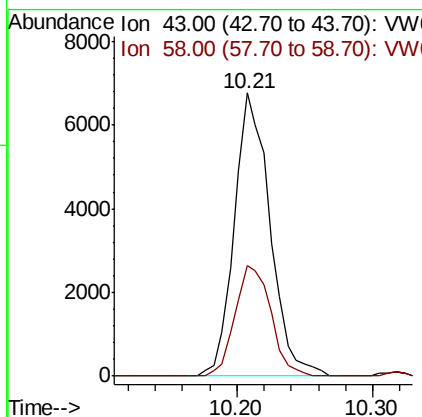
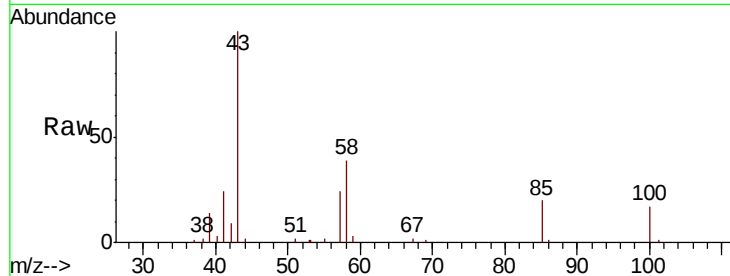




#51
4-Methyl-2-Pentanone
Concen: 24.238 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

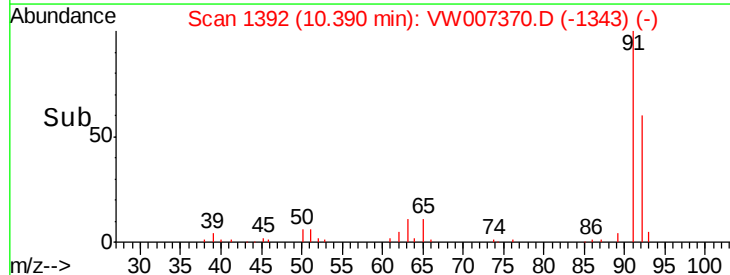
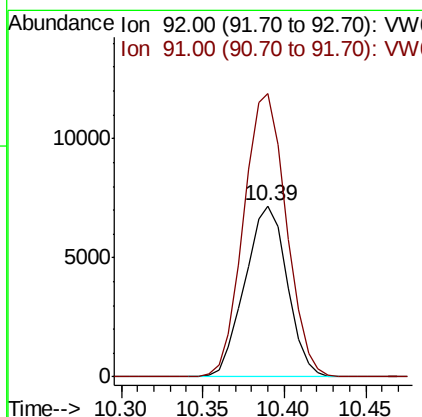
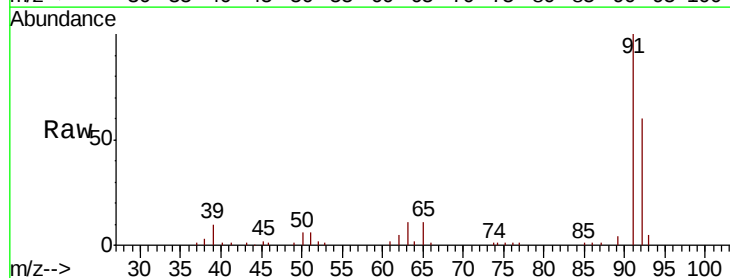
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

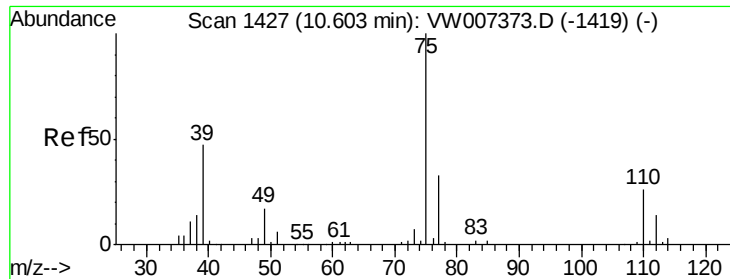
Tgt Ion: 43 Resp: 12380
Ion Ratio Lower Upper
43 100
58 39.1 33.1 49.7



#52
Toluene
Concen: 4.575 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 92 Resp: 12893
Ion Ratio Lower Upper
92 100
91 167.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 4.889 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

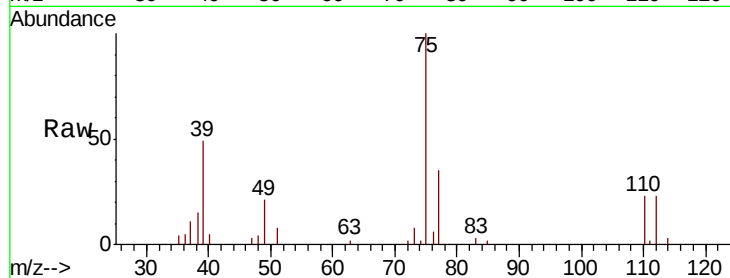
VSTDIC005

Tgt Ion: 75 Resp: 6412

Ion Ratio Lower Upper

75 100

77 35.3 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

4000

3000

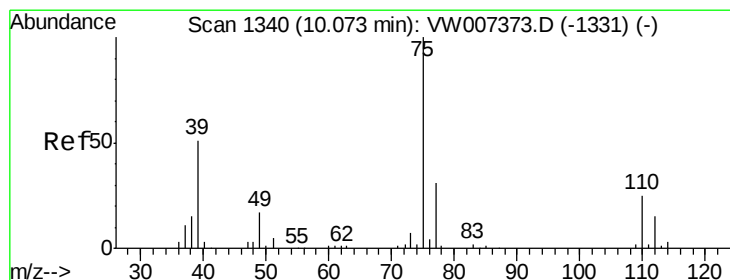
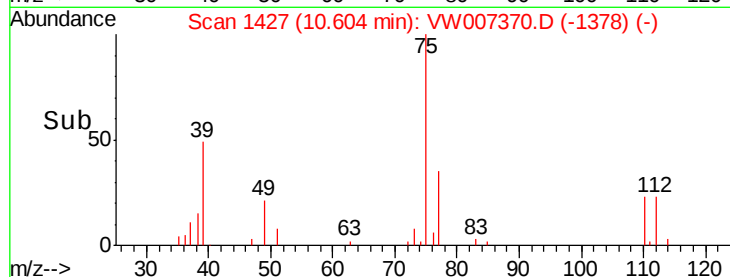
2000

1000

0

Time-->

10.55 10.60 10.65



#54

cis-1,3-Dichloropropene

Concen: 4.831 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

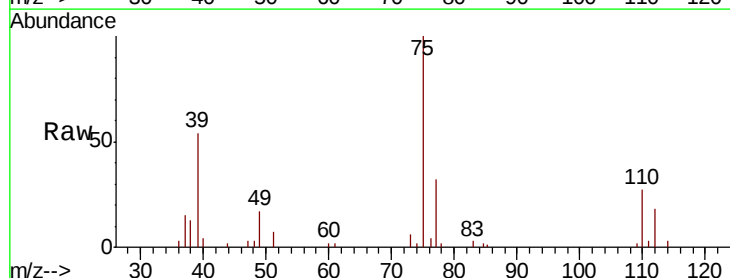
Tgt Ion: 75 Resp: 7409

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 54.0 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

10.07

5000

4000

3000

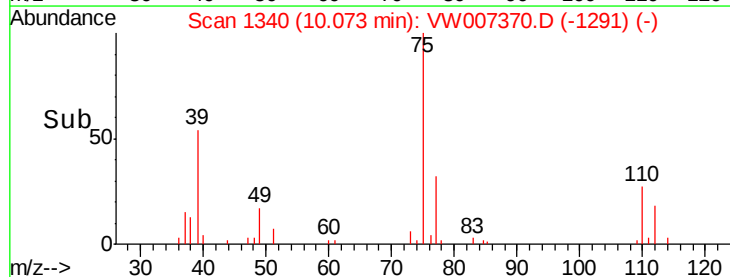
2000

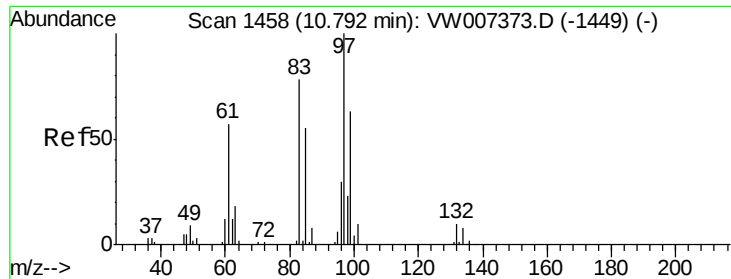
1000

0

Time-->

10.00 10.05 10.10 10.15

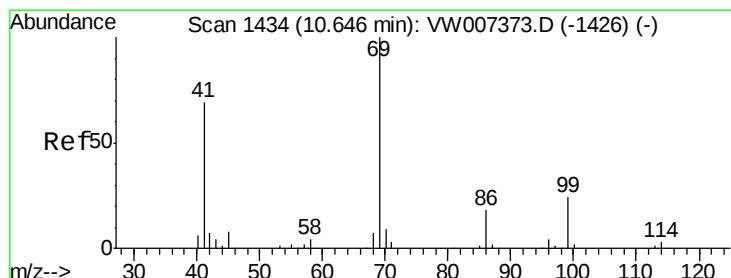
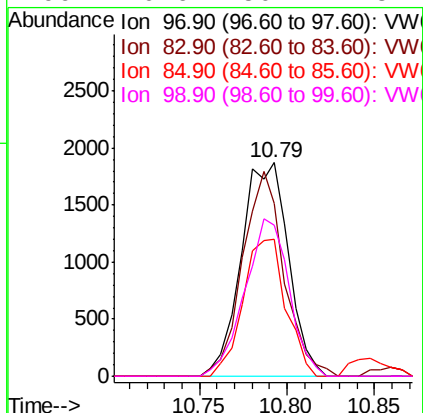
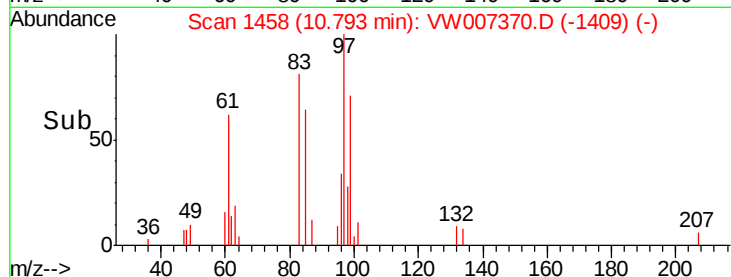
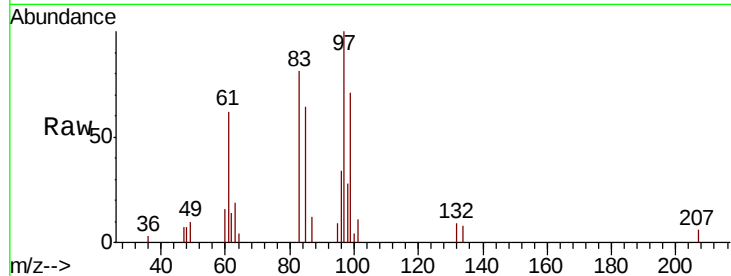




#55
 1,1,2-Trichloroethane
 Concen: 4.945 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

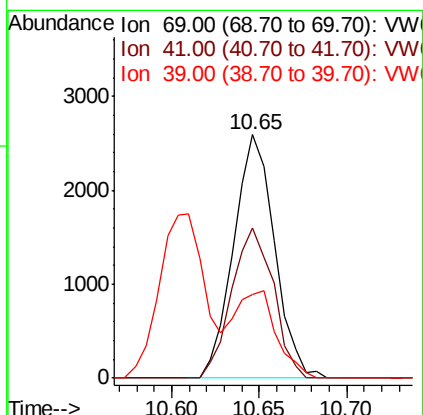
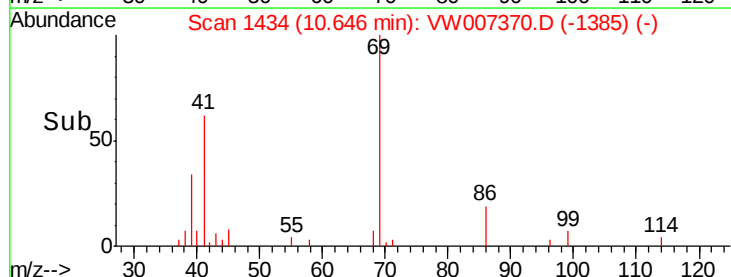
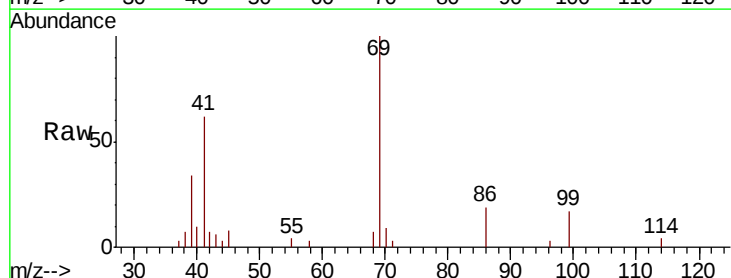
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

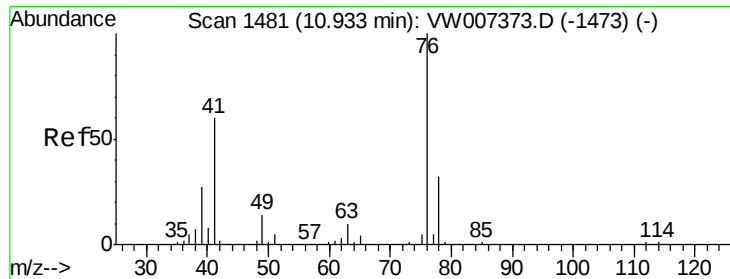
Tgt Ion:	97	Resp:	3504
Ion	Ratio	Lower	Upper
97	100		
83	80.7	62.1	93.1
85	64.0	44.2	66.4
99	70.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 4.648 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion:	69	Resp:	4218
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.6
39	37.1	30.8	46.2

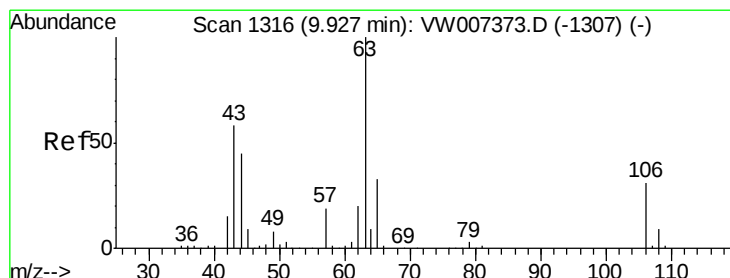
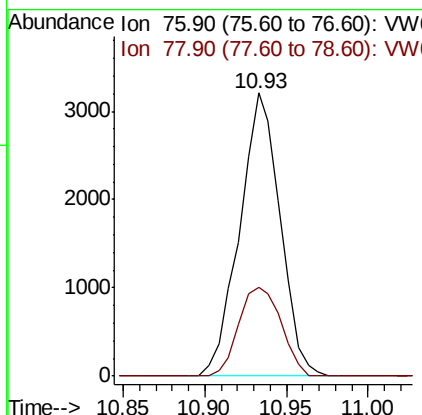
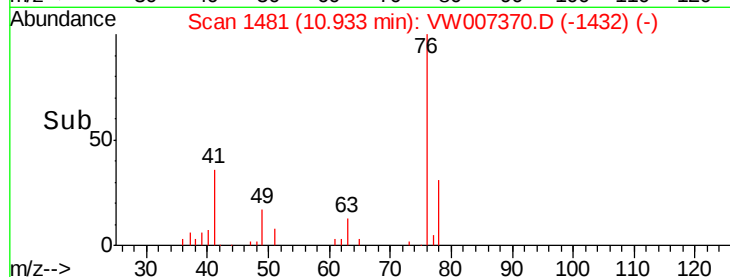
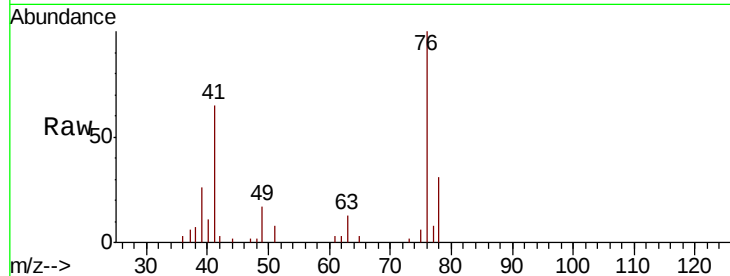




#57
 1,3-Dichloropropane
 Concen: 4.669 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

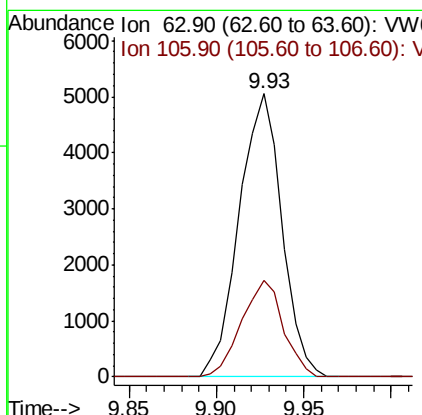
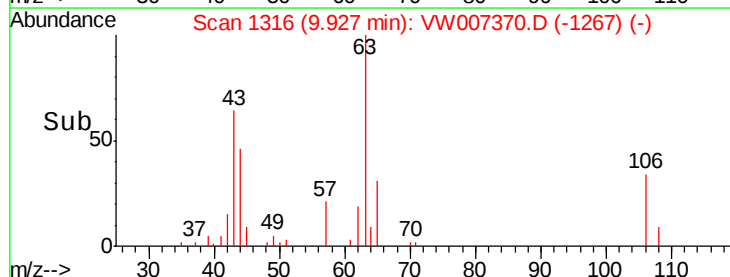
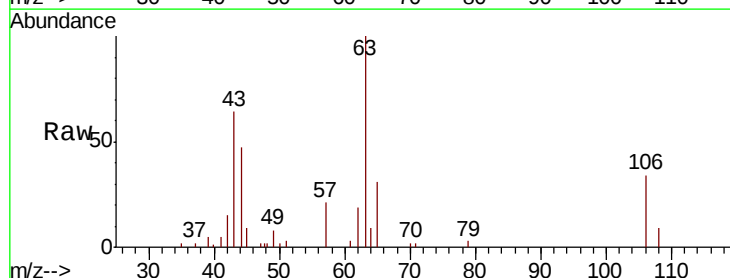
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

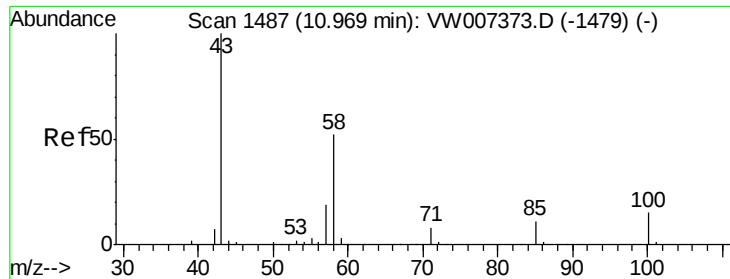
Tgt Ion: 76 Resp: 5548
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.546 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 63 Resp: 8592
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.0 37.6

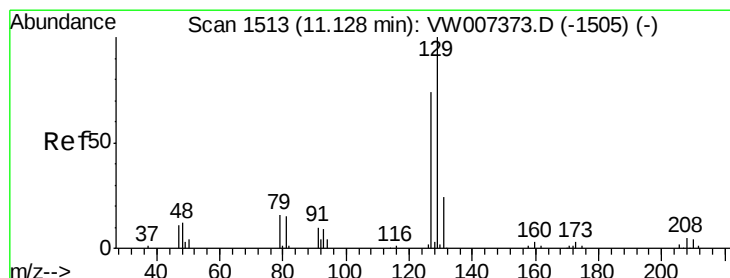
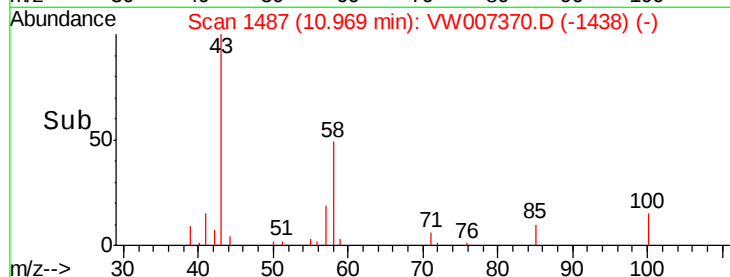
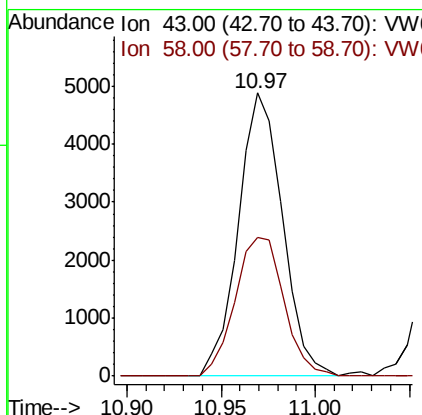
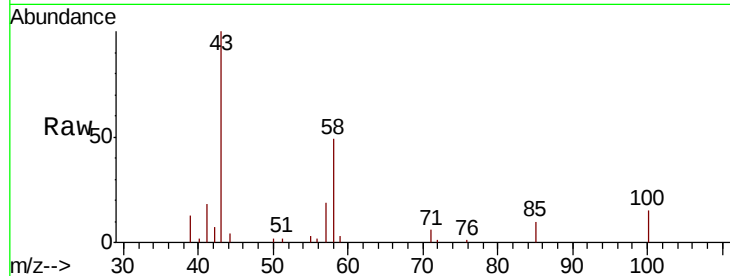




#59
2-Hexanone
Concen: 21.826 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

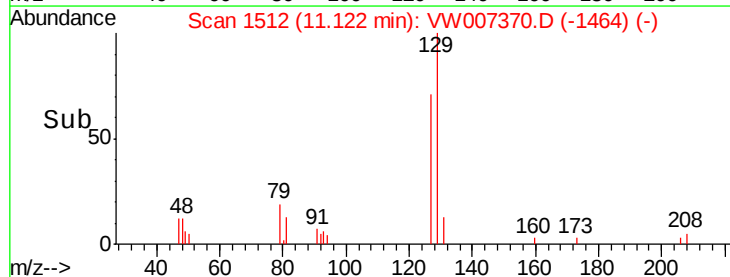
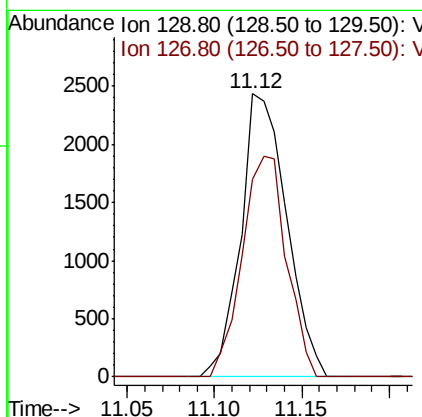
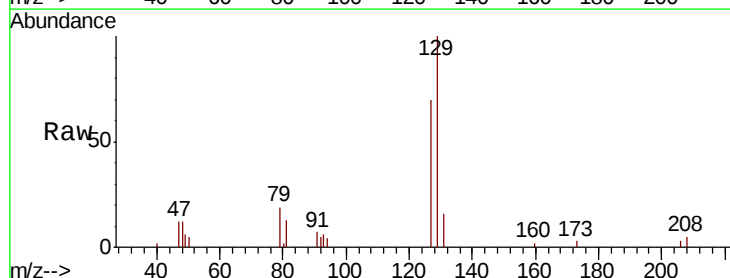
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

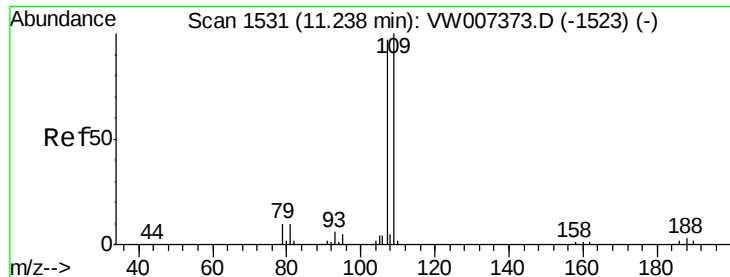
Tgt Ion: 43 Resp: 7940
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 5.071 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 129 Resp: 4442
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.3

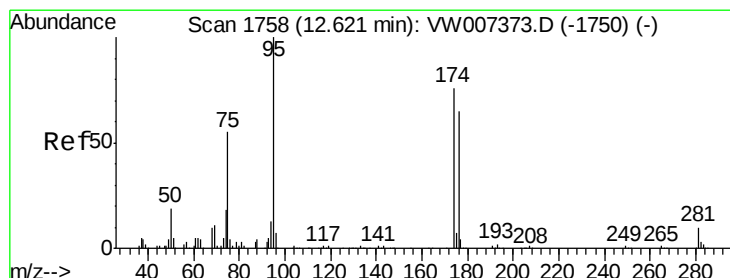
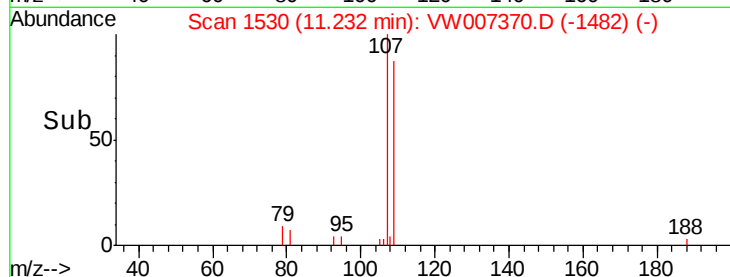
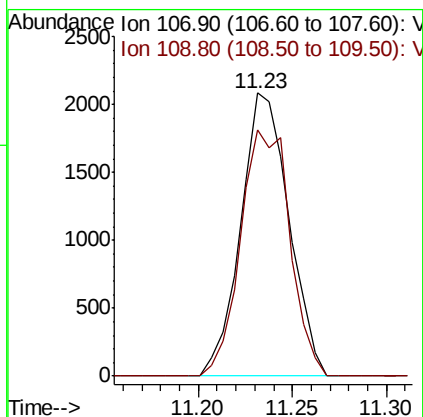
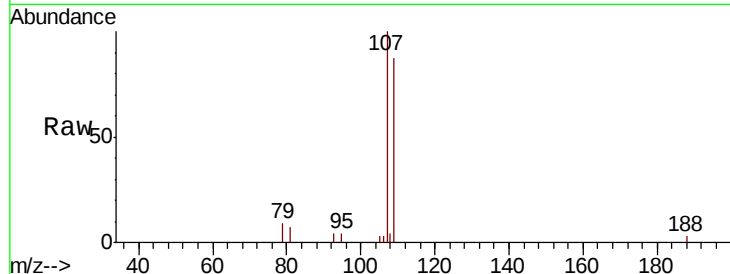




#61
 1,2-Dibromoethane
 Concen: 5.456 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

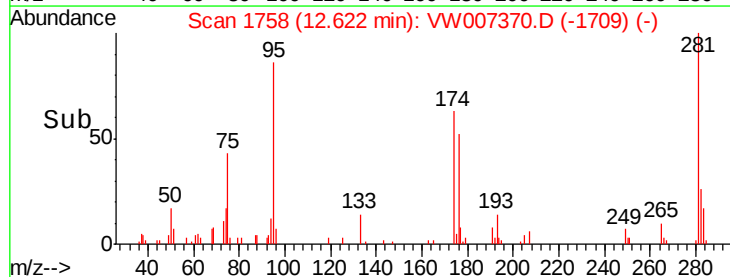
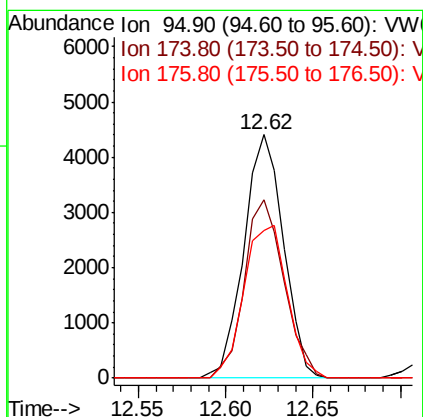
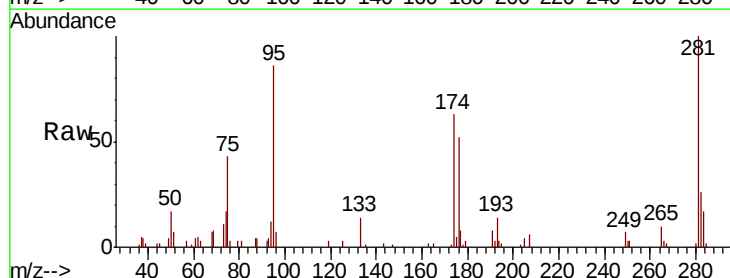
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

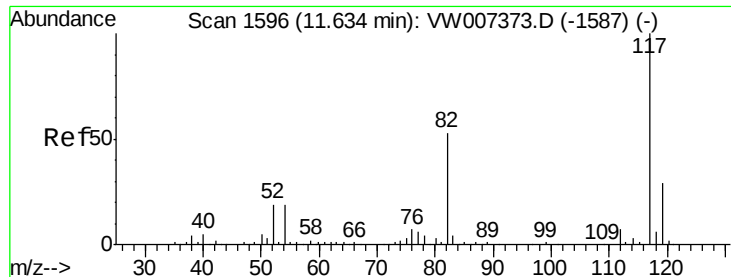
Tgt Ion: 107 Resp: 3684
 Ion Ratio Lower Upper
 107 100
 109 89.1 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 4.786 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 95 Resp: 6915
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 147.2
 176 69.1 0.0 138.8

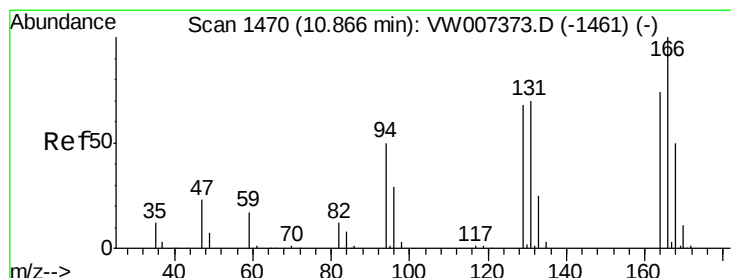
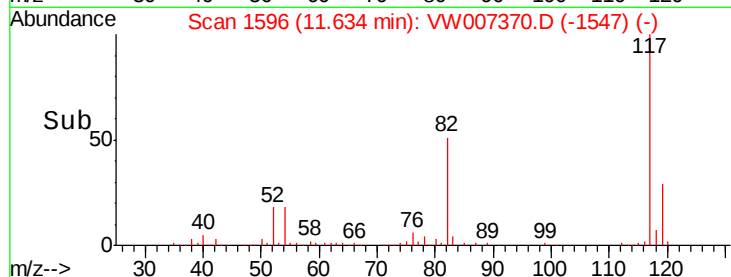
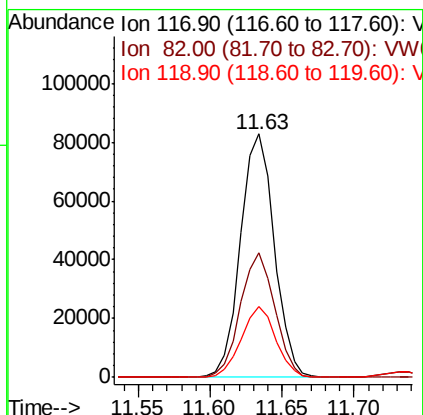
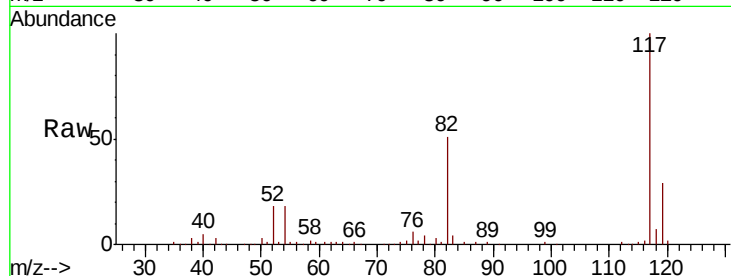




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

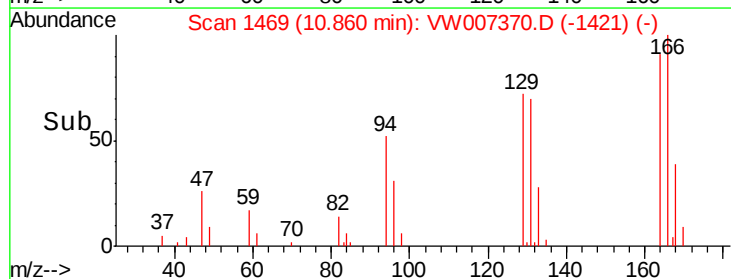
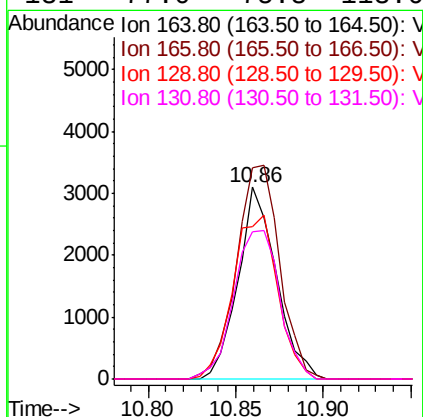
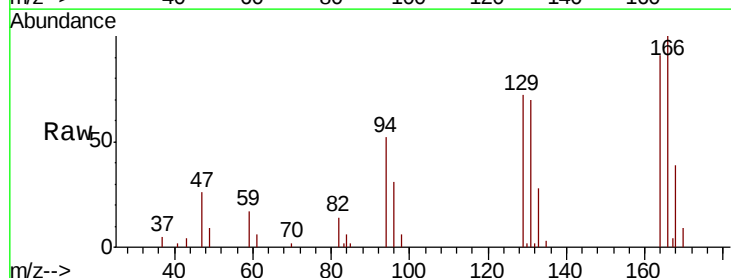
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

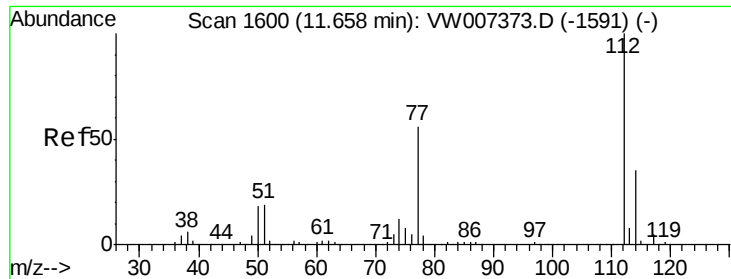
Tgt Ion:117 Resp: 134805
Ion Ratio Lower Upper
117 100
82 51.0 42.3 63.5
119 28.9 23.0 34.6



#64
Tetrachloroethene
Concen: 4.894 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion:164 Resp: 4739
Ion Ratio Lower Upper
164 100
166 110.1 107.9 161.9
129 79.3 73.4 110.2
131 77.0 75.8 113.6

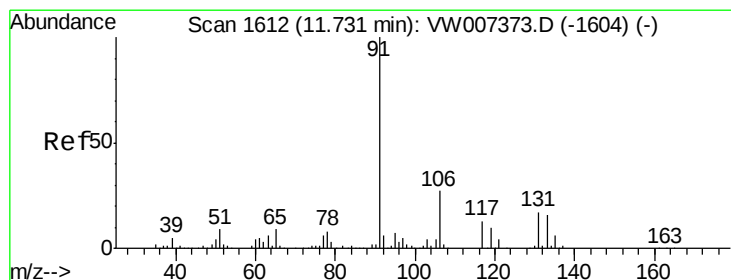
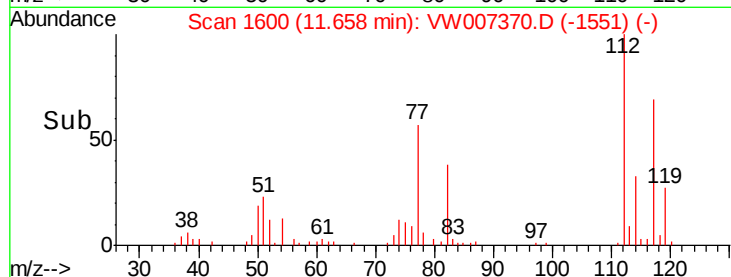
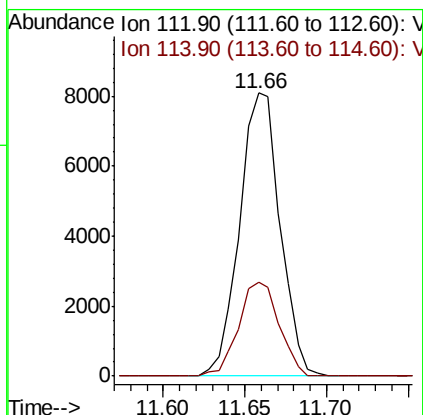
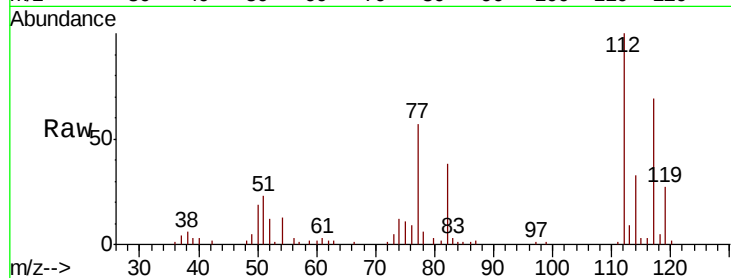




#65
Chlorobenzene
Concen: 4.748 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

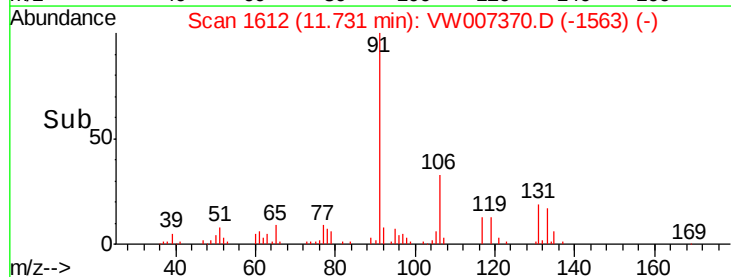
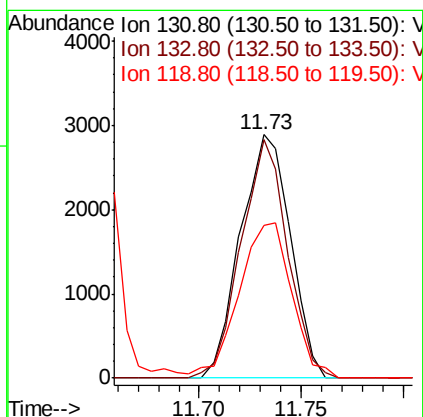
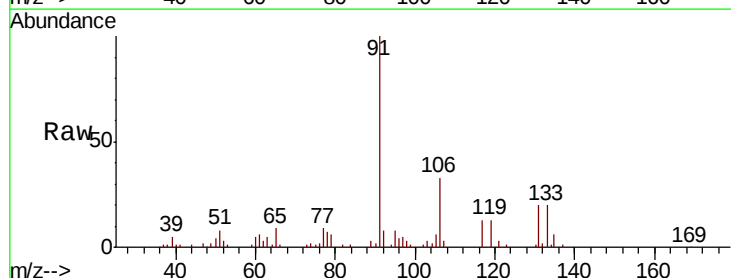
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

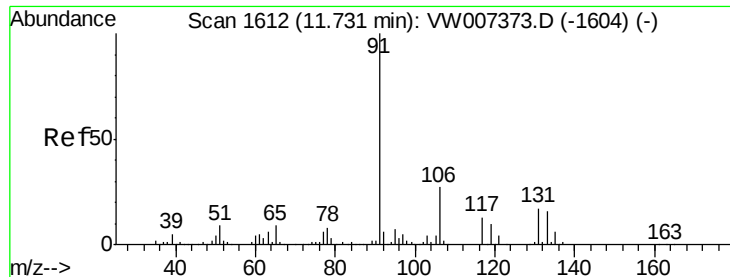
Tgt Ion:112 Resp: 14000
Ion Ratio Lower Upper
112 100
114 33.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion:131 Resp: 4905
Ion Ratio Lower Upper
131 100
133 91.2 47.1 141.4
119 67.3 31.3 93.9

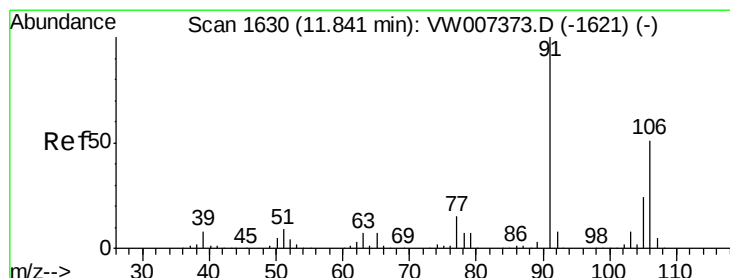
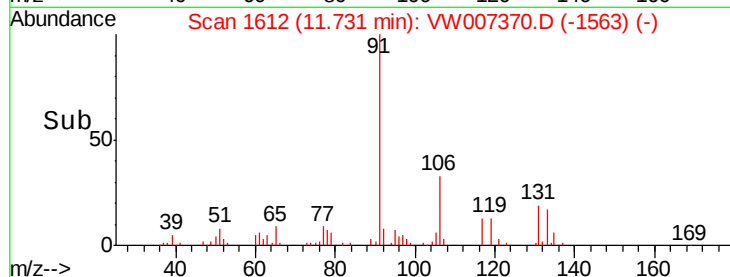
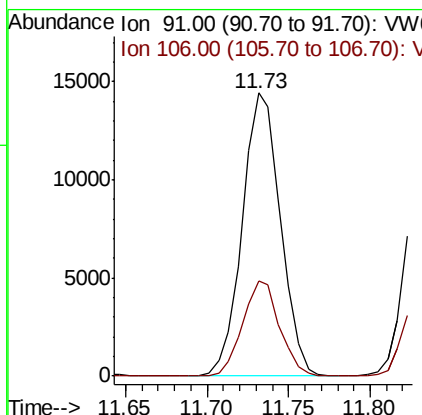
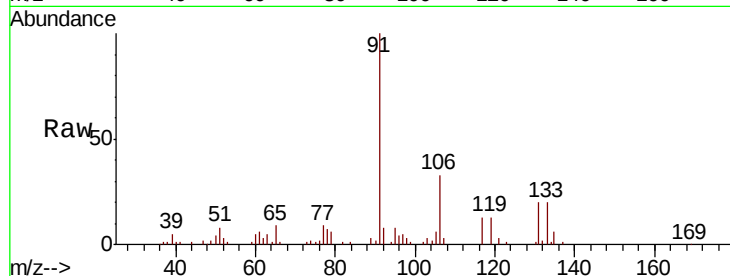




#67
Ethyl Benzene
Concen: 4.371 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

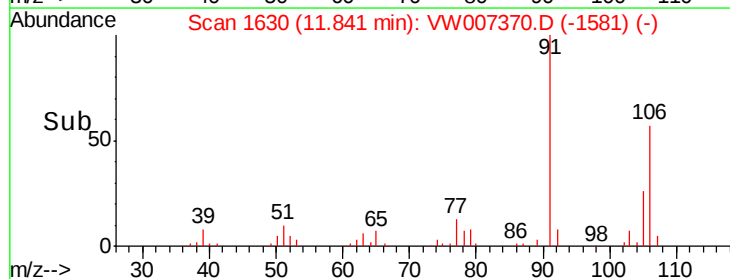
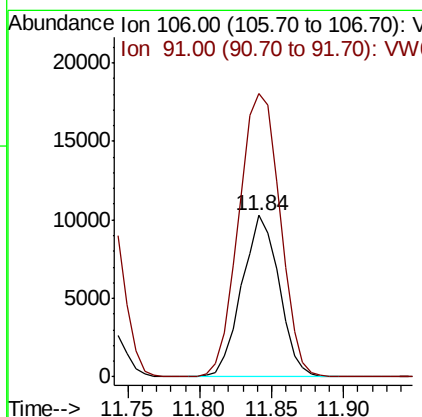
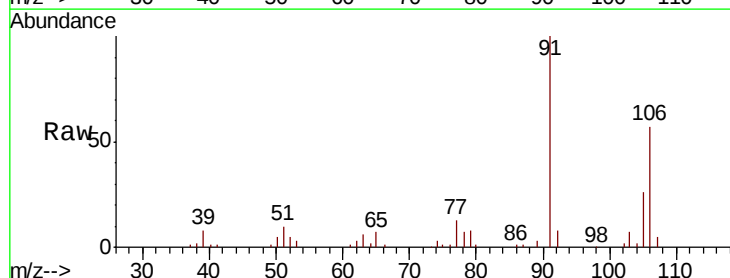
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

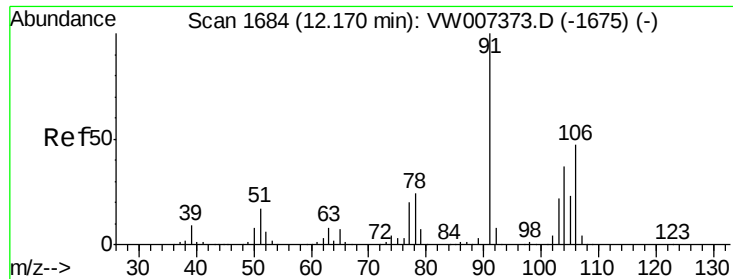
Tgt Ion: 91 Resp: 23440
Ion Ratio Lower Upper
91 100
106 33.4 21.8 32.8#



#68
m/p-Xylenes
Concen: 8.842 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 106 Resp: 18490
Ion Ratio Lower Upper
106 100
91 194.2 165.3 247.9

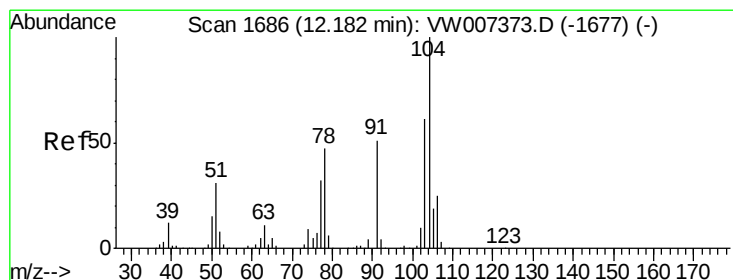
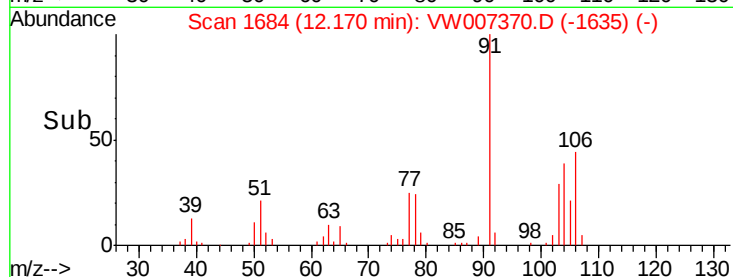
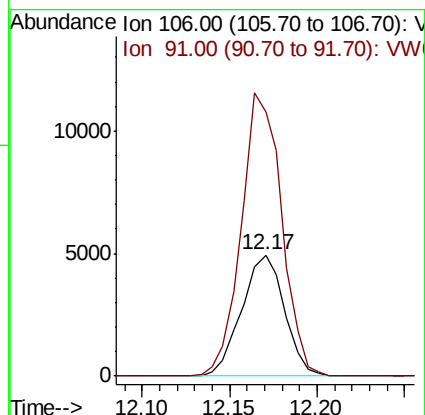
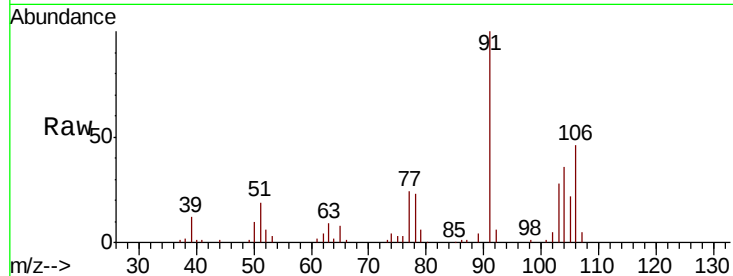




#69
o-Xylene
Concen: 4.268 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

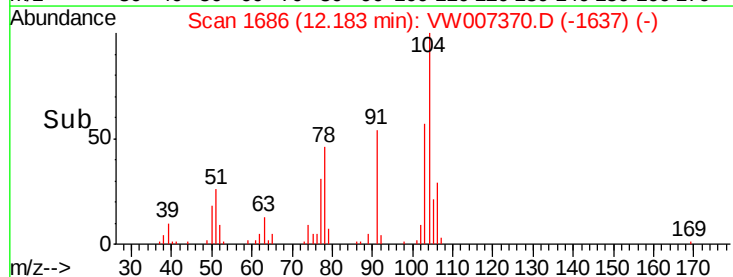
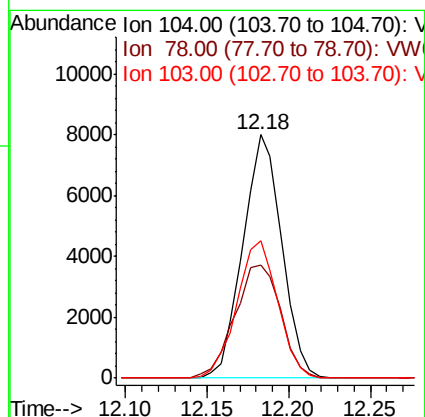
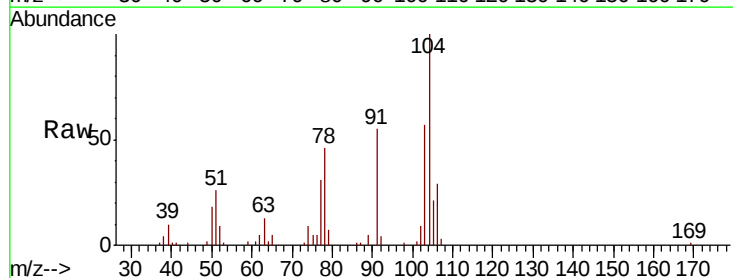
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

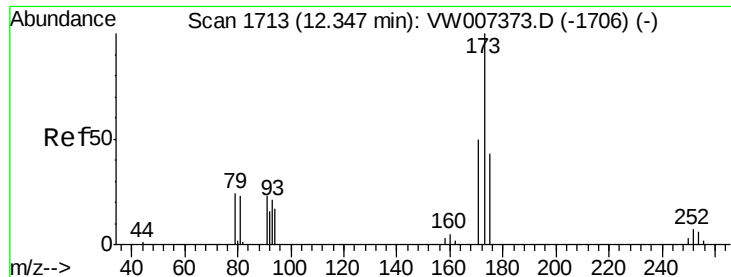
Tgt Ion:106 Resp: 8407
Ion Ratio Lower Upper
106 100
91 220.1 106.6 319.8



#70
Styrene
Concen: 4.160 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion:104 Resp: 13311
Ion Ratio Lower Upper
104 100
78 54.9 41.8 62.8
103 59.5 46.6 69.8





#71

Bromoform

Concen: 5.491 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

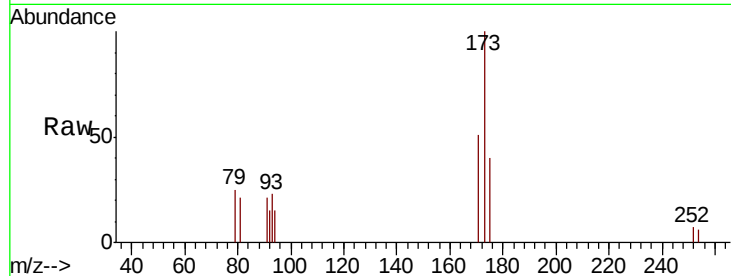
Tgt Ion:173 Resp: 2552

Ion Ratio Lower Upper

173 100

175 43.1 23.6 70.8

254 0.0 0.0 0.0

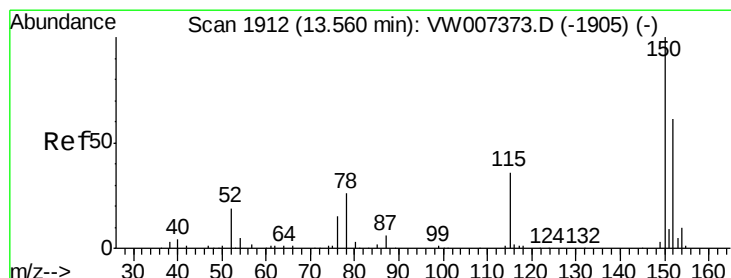
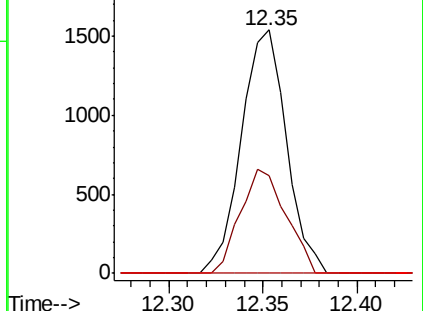
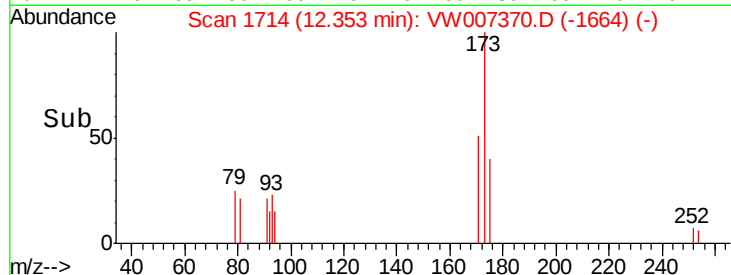


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

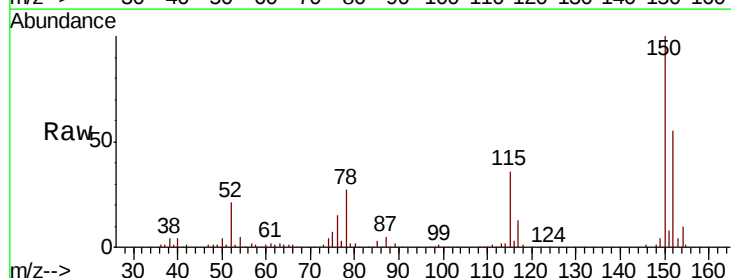
Tgt Ion:152 Resp: 61676

Ion Ratio Lower Upper

152 100

115 65.3 31.4 94.2

150 172.2 0.0 358.4

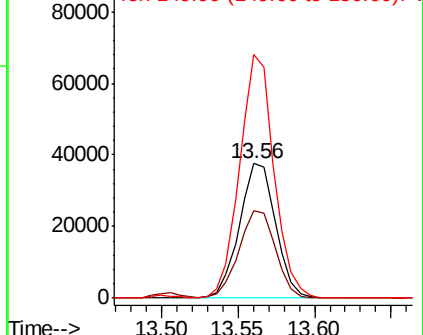
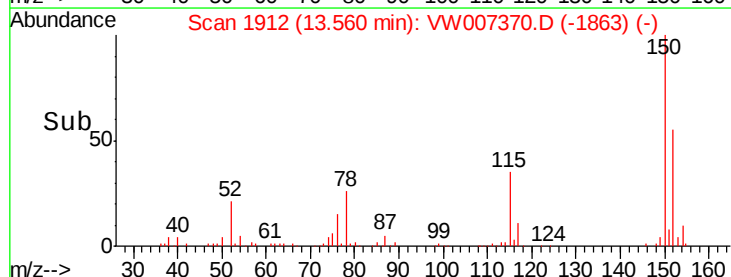


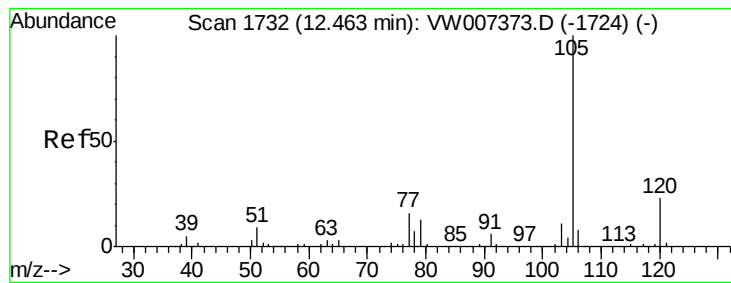
Abundance

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: 4.674 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

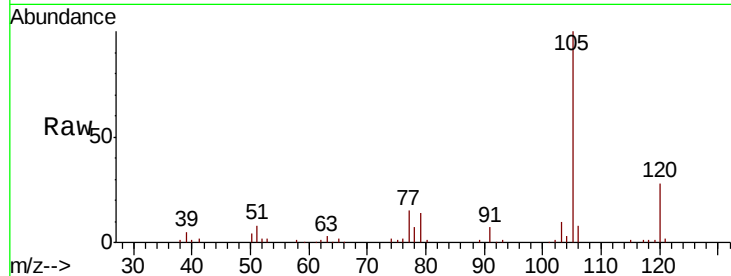
VSTDIC005

Tgt Ion: 105 Resp: 23057

Ion Ratio Lower Upper

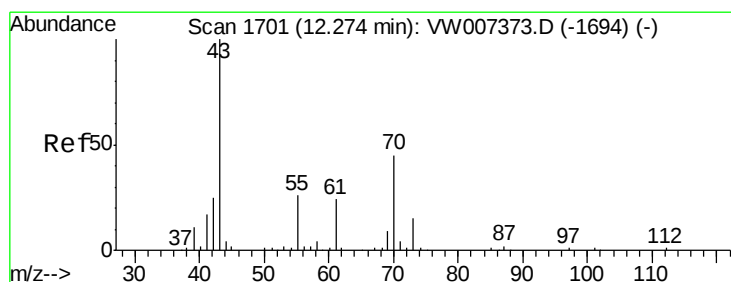
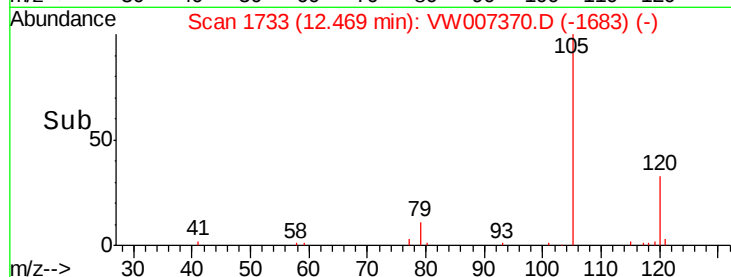
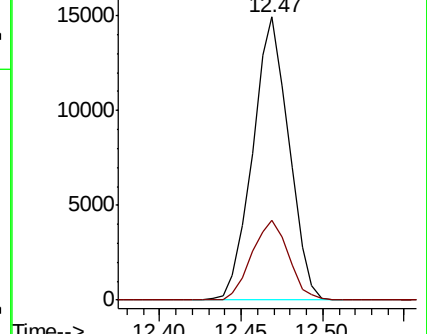
105 100

120 28.7 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: 4.689 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Tgt Ion: 43 Resp: 4076

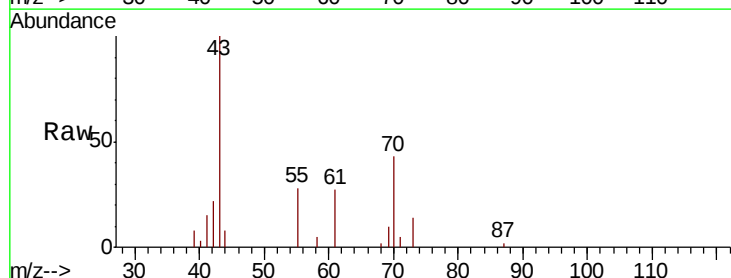
Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 27.9 20.1 30.1

61 25.9 19.3 28.9

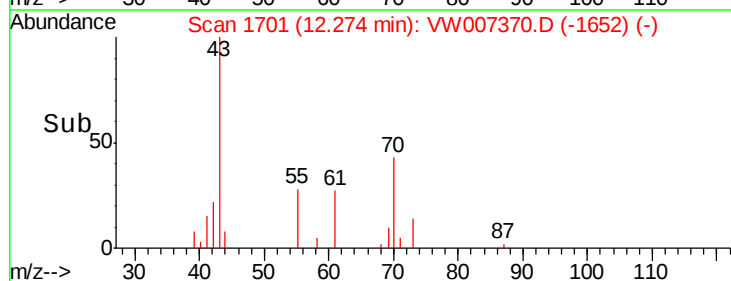
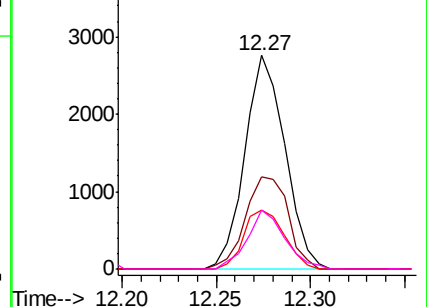


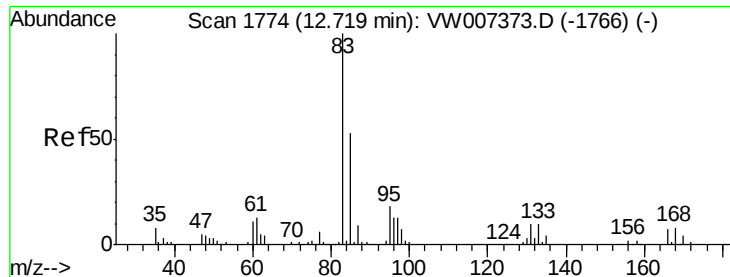
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 5.882 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

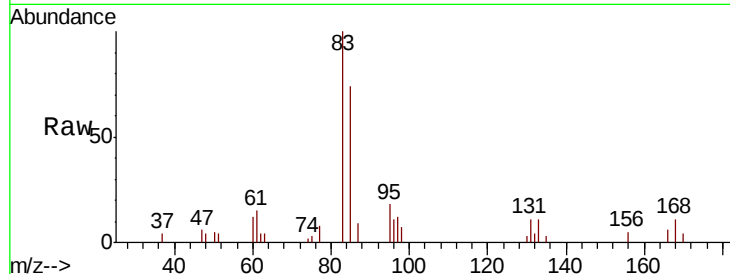
Tgt Ion: 83 Resp: 3891

Ion Ratio Lower Upper

83 100

131 9.9 5.9 17.8

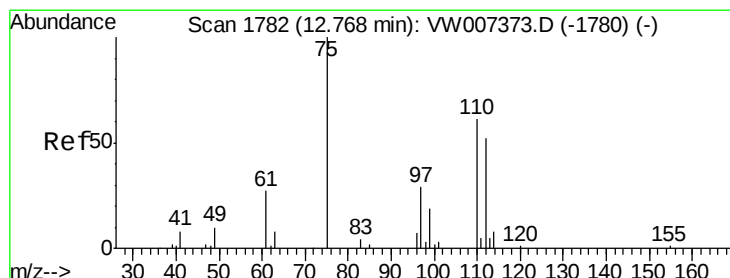
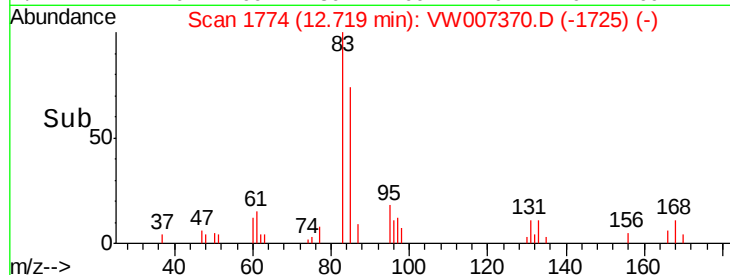
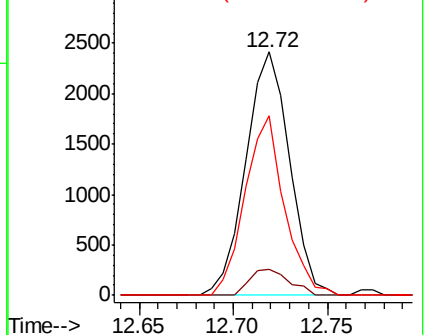
85 66.4 30.0 90.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 4.481 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VW007370.D

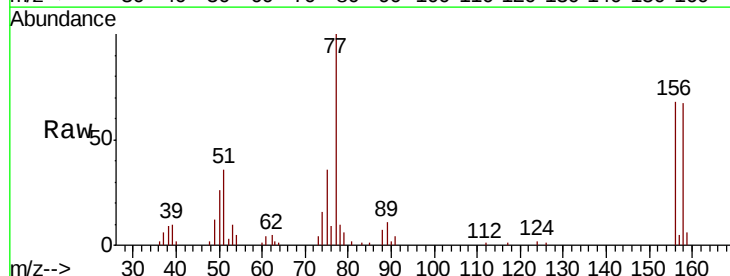
Acq: 10 Dec 2018 22:22

Tgt Ion: 75 Resp: 2253

Ion Ratio Lower Upper

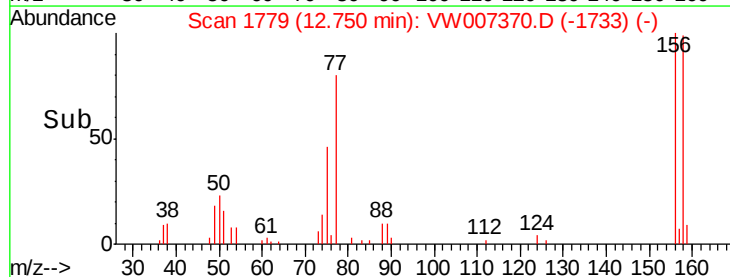
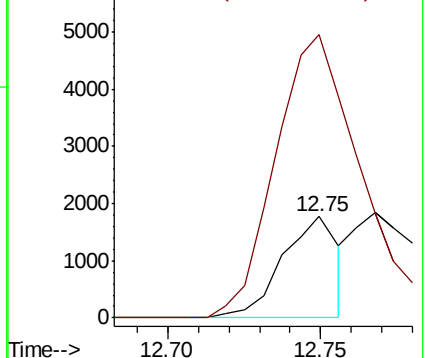
75 100

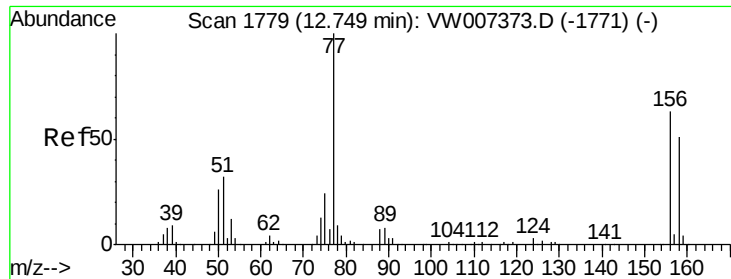
77 430.6 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.981 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

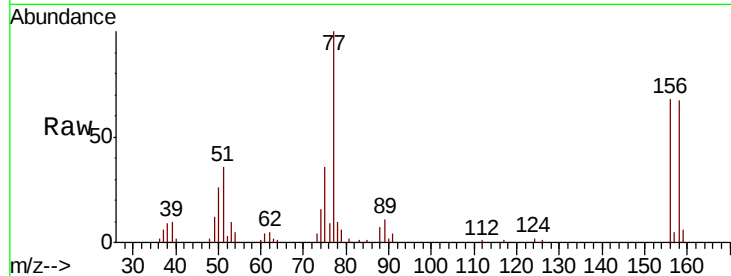
Tgt Ion: 156 Resp: 5395

Ion Ratio Lower Upper

156 100

77 179.8 88.1 264.4

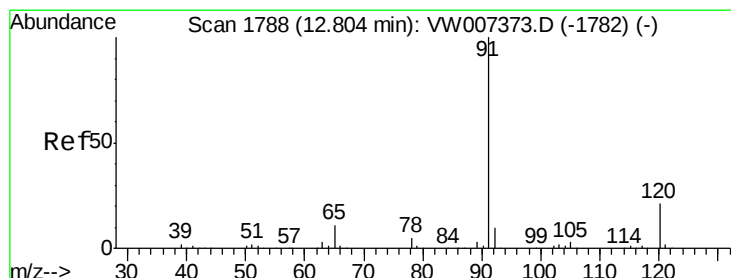
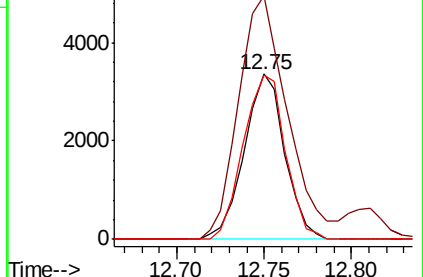
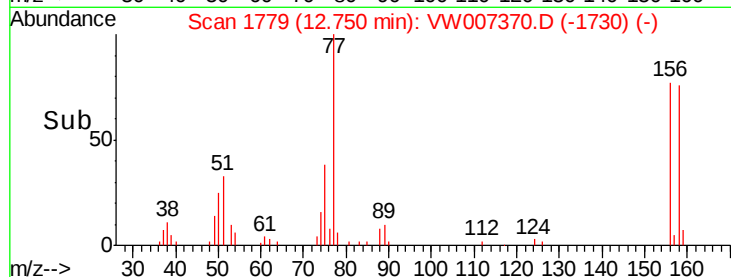
158 103.5 45.6 136.7



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: 4.551 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007370.D

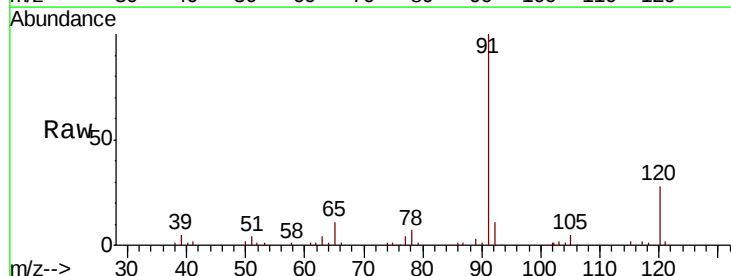
Acq: 10 Dec 2018 22:22

Tgt Ion: 91 Resp: 26962

Ion Ratio Lower Upper

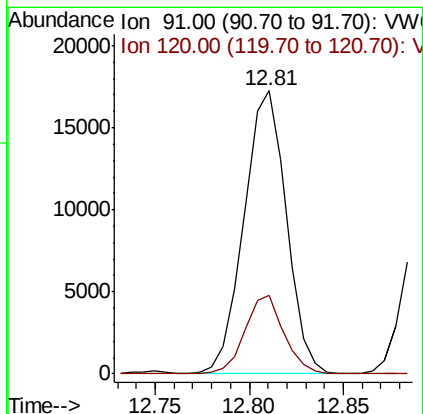
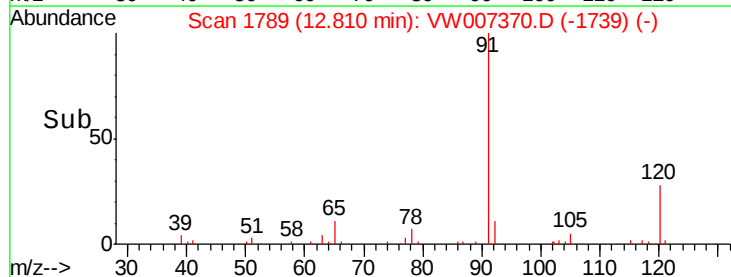
91 100

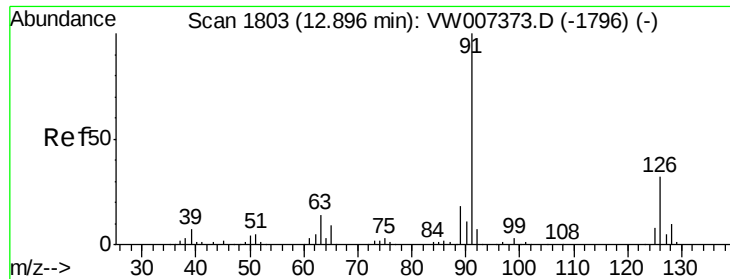
120 25.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

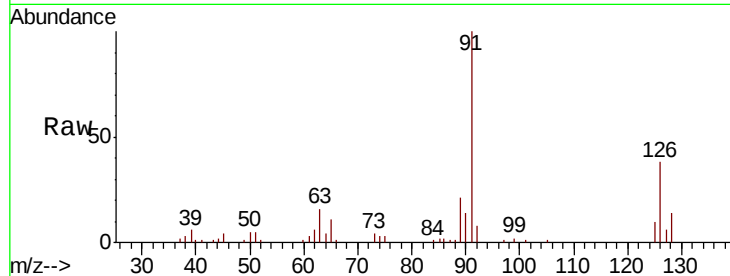




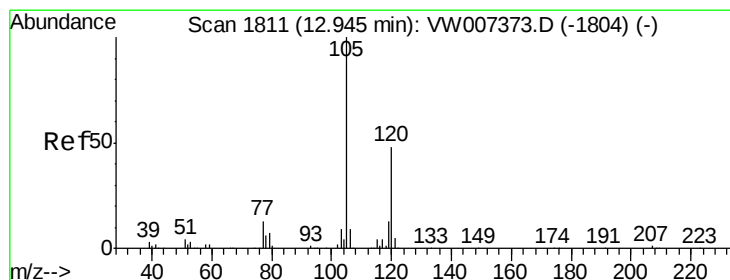
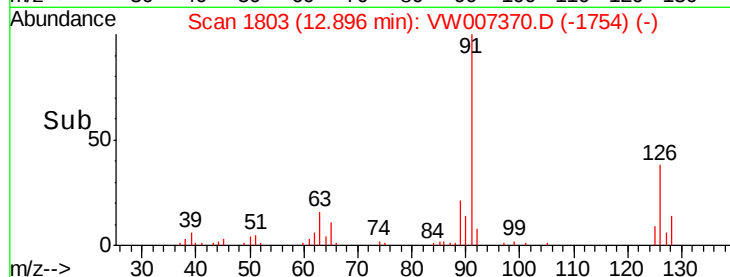
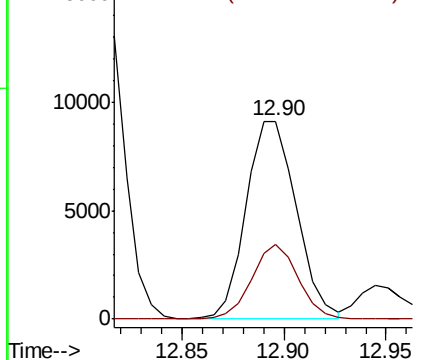
#79
2-Chlorotoluene
Concen: 4.671 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion: 91 Resp: 15701
Ion Ratio Lower Upper
91 100
126 34.7 15.9 47.6

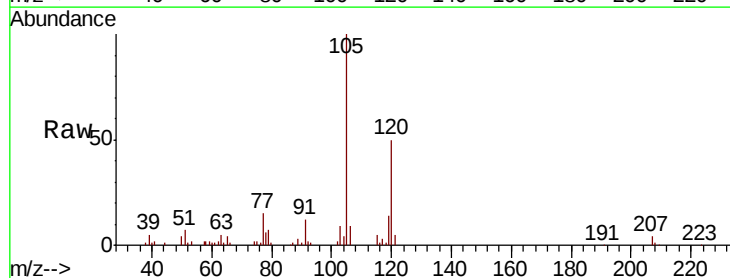


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

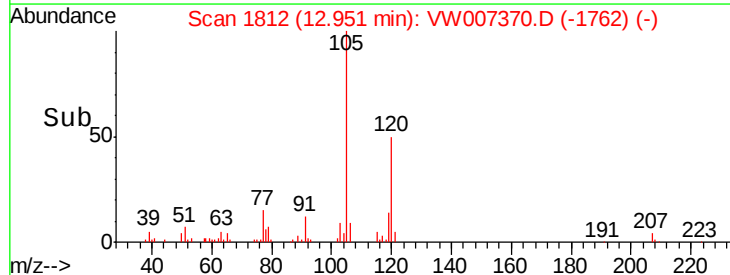
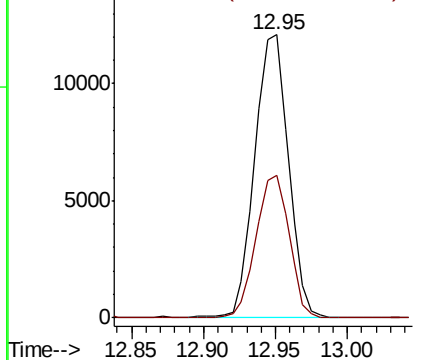


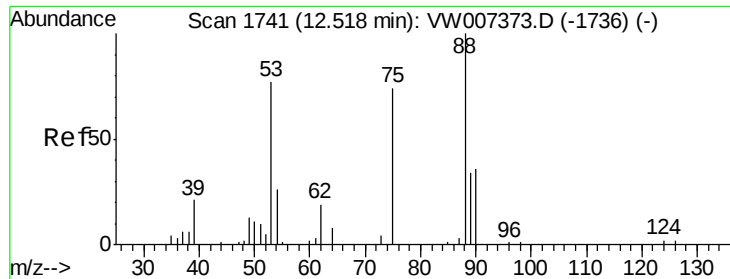
#80
1,3,5-Trimethylbenzene
Concen: 4.631 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion: 105 Resp: 19563
Ion Ratio Lower Upper
105 100
120 49.6 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: 5.272 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

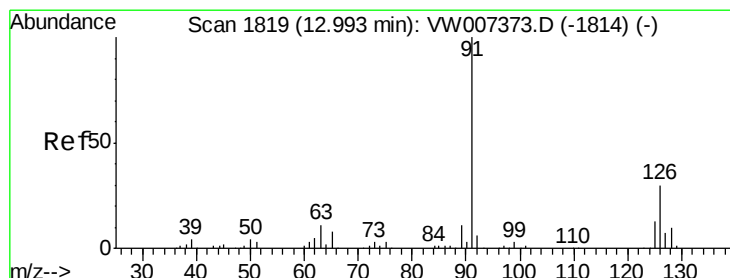
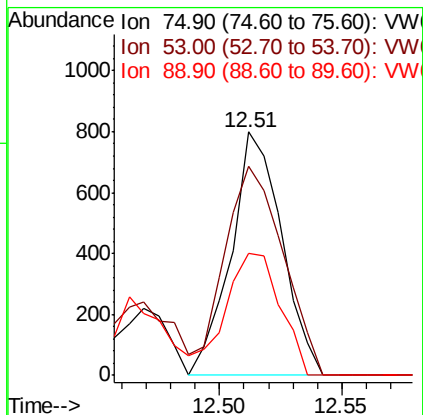
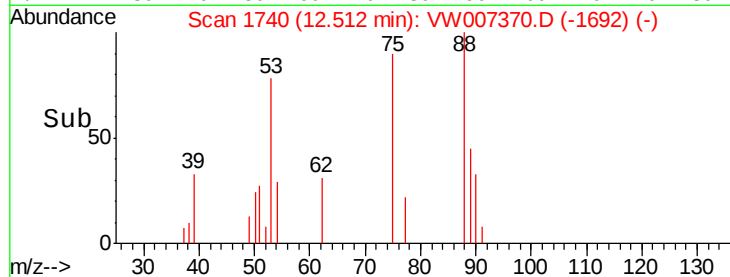
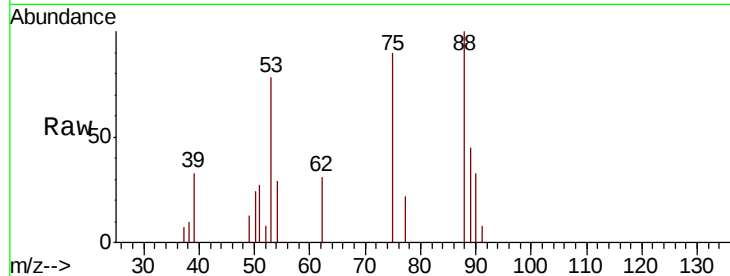
Tgt Ion: 75 Resp: 1153

Ion Ratio Lower Upper

75 100

53 99.2 84.9 127.3

89 54.1 40.3 60.5



#82

4-Chlorotoluene

Concen: 5.133 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007370.D

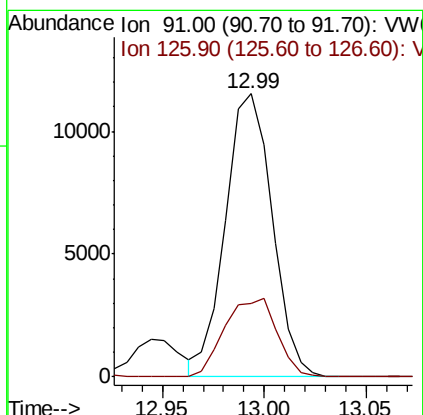
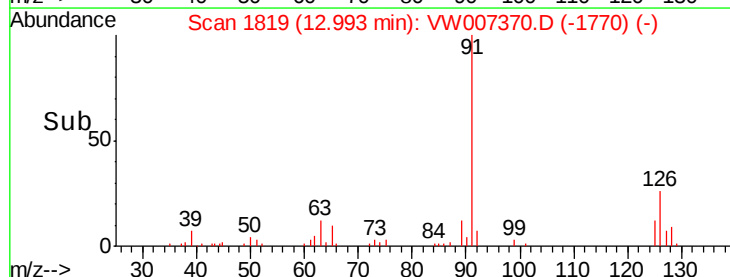
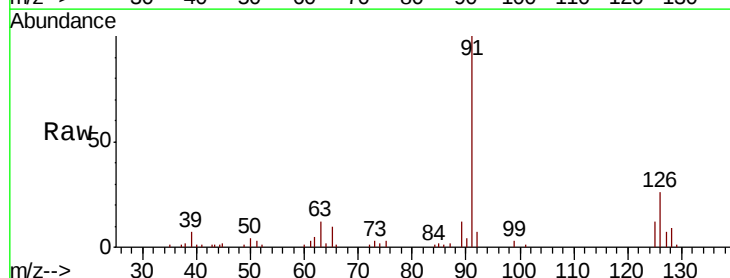
Acq: 10 Dec 2018 22:22

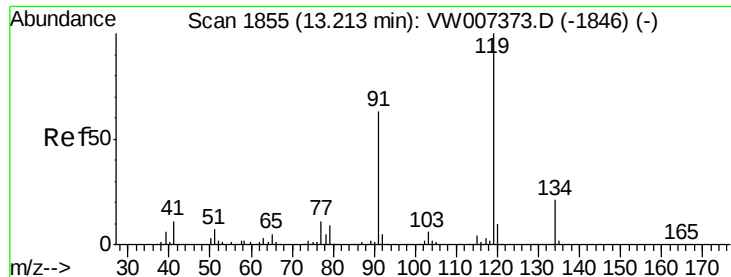
Tgt Ion: 91 Resp: 18360

Ion Ratio Lower Upper

91 100

126 31.2 16.0 48.0





#83

tert-Butylbenzene

Concen: 4.904 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

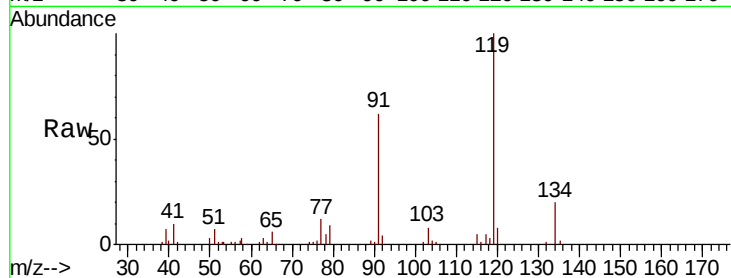
Tgt Ion:119 Resp: 18287

Ion Ratio Lower Upper

119 100

91 64.8 33.1 99.2

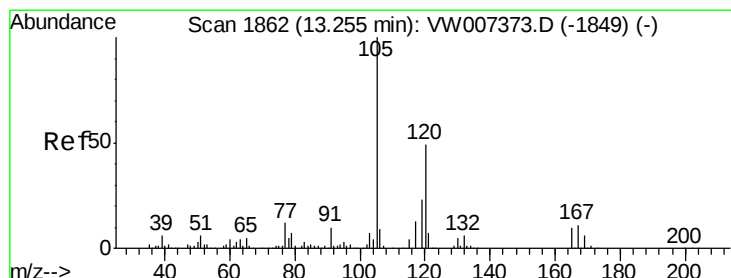
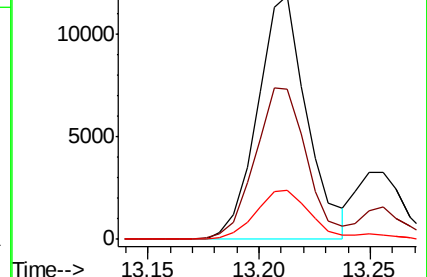
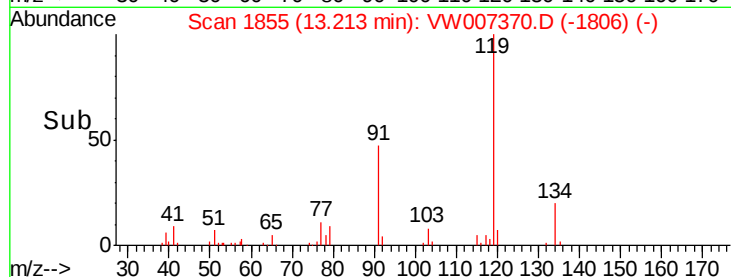
134 23.5 12.5 37.5



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: 4.867 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007370.D

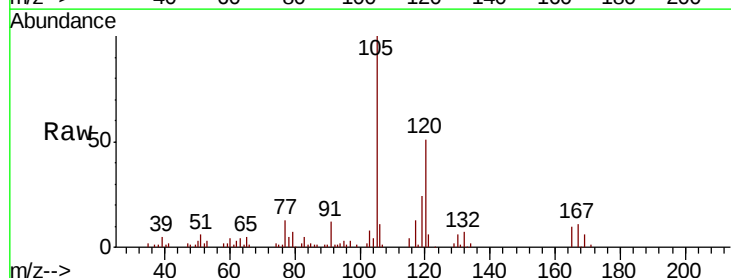
Acq: 10 Dec 2018 22:22

Tgt Ion:105 Resp: 21038

Ion Ratio Lower Upper

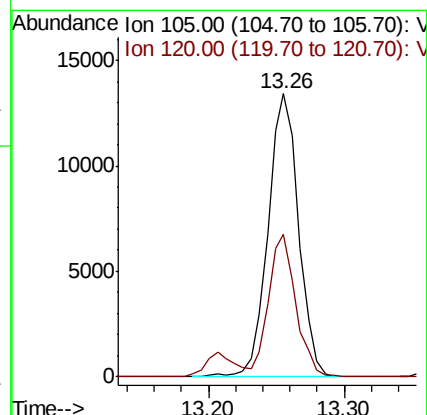
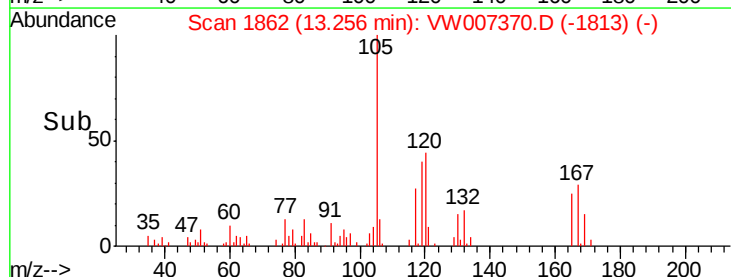
105 100

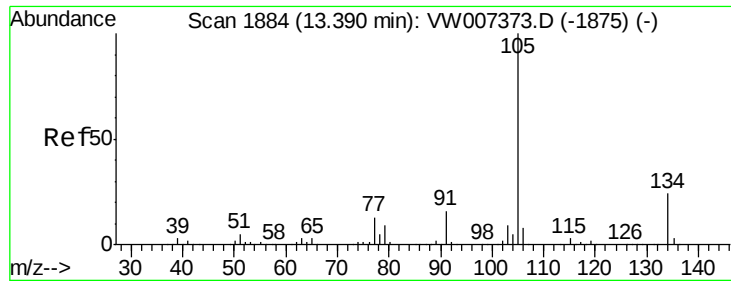
120 45.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

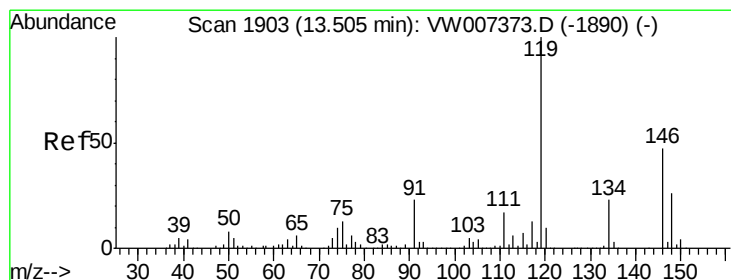
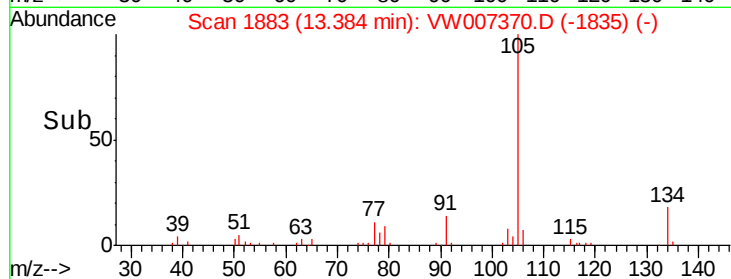
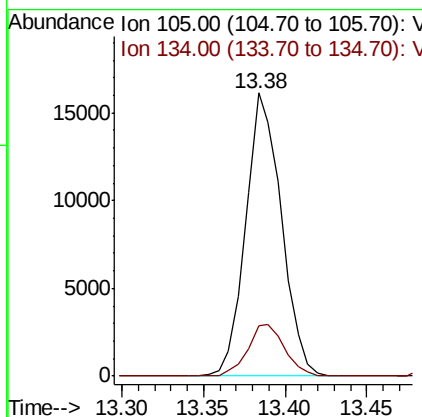
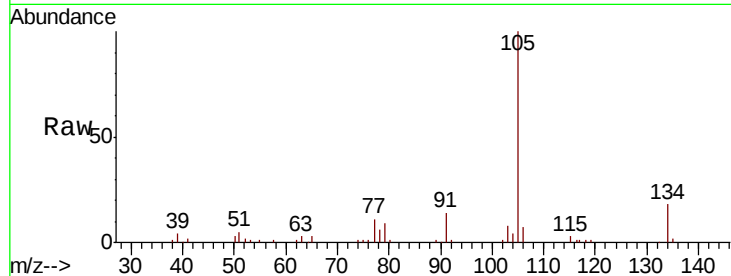




#85
 sec-Butylbenzene
 Concen: 4.673 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

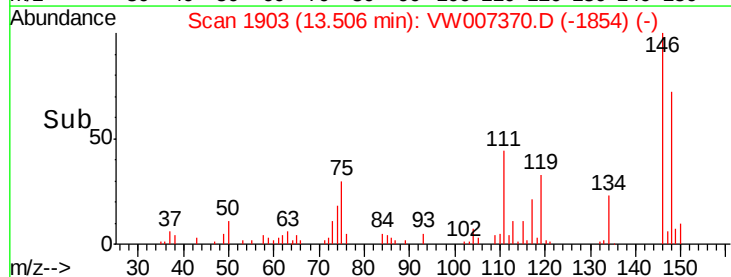
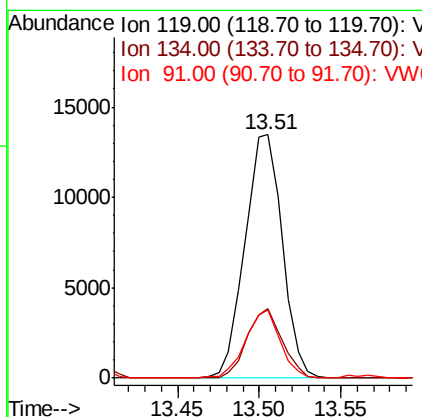
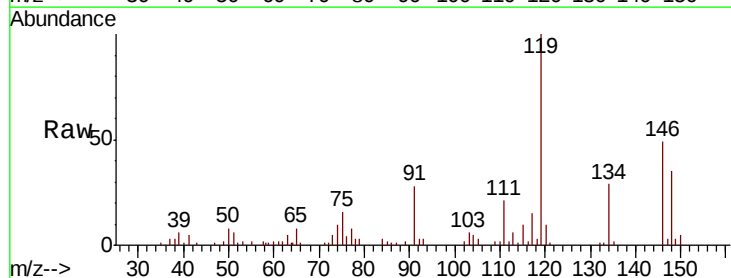
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

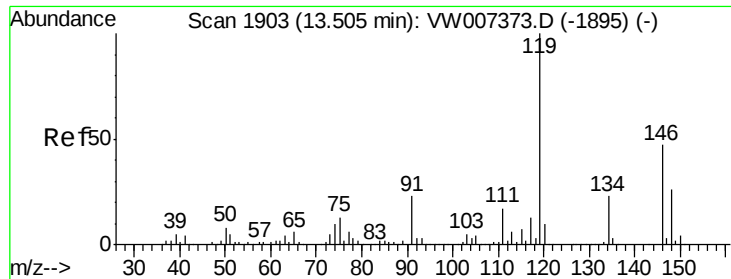
Tgt Ion:105 Resp: 24563
 Ion Ratio Lower Upper
 105 100
 134 18.8 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 4.549 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion:119 Resp: 21502
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 25.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 4.972 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

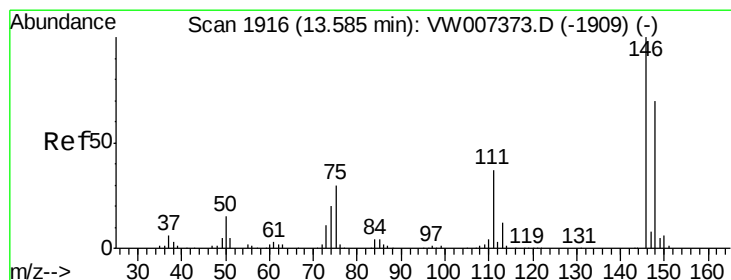
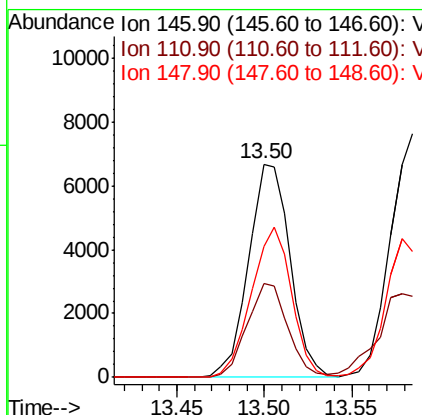
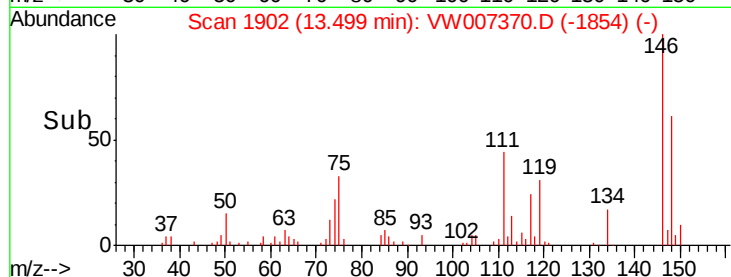
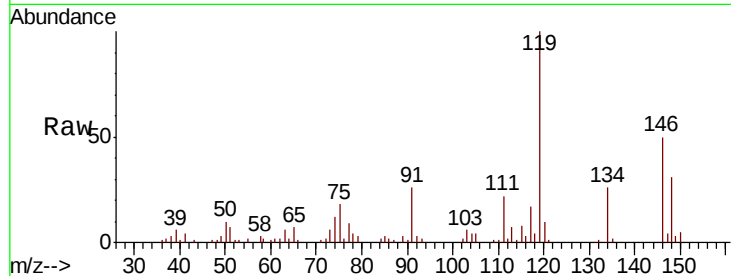
Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 11008

Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.1	60.3
148	68.5	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 5.312 ug/l

RT: 13.58 min Scan# 1916

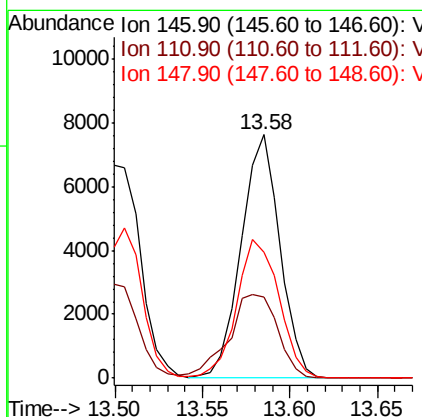
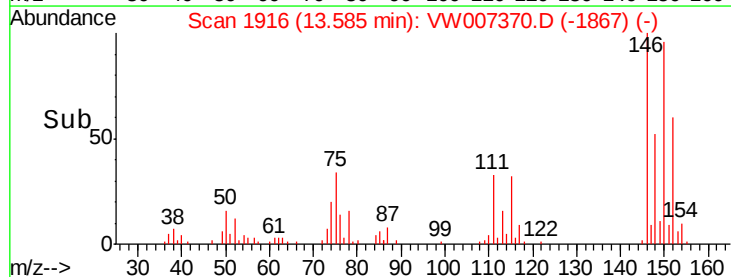
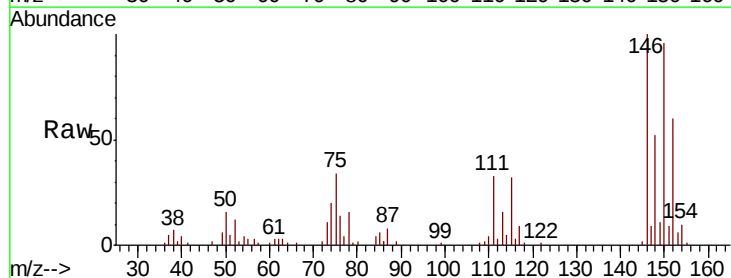
Delta R.T. 0.00 min

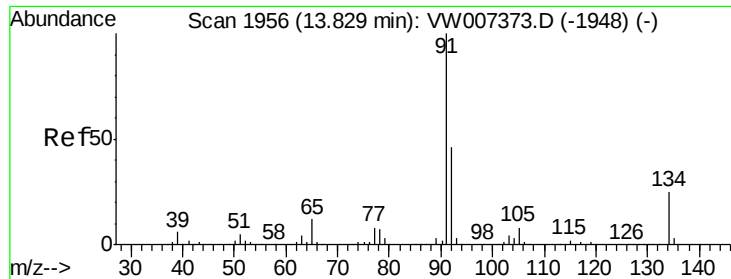
Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Tgt Ion:146 Resp: 11760

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.3	61.0
148	62.1	33.5	100.5





#89

n-Butylbenzene

Concen: 4.765 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007370.D

Acq: 10 Dec 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

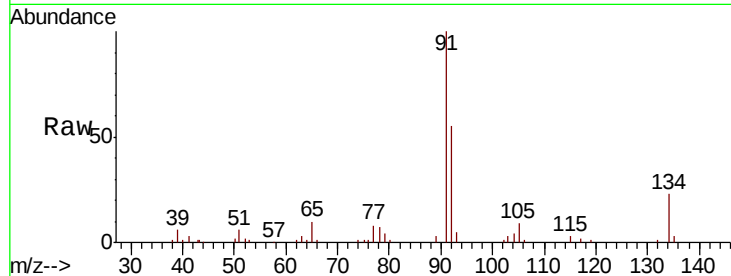
Tgt Ion: 91 Resp: 20929

Ion Ratio Lower Upper

91 100

92 53.2 25.7 77.1

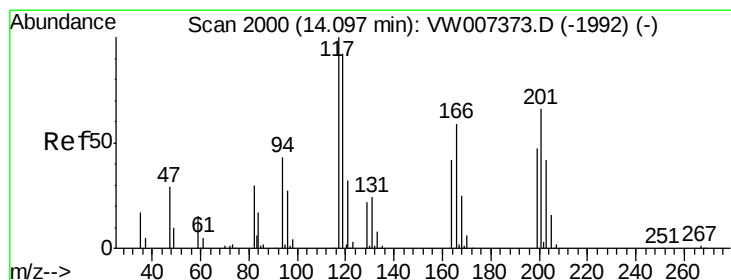
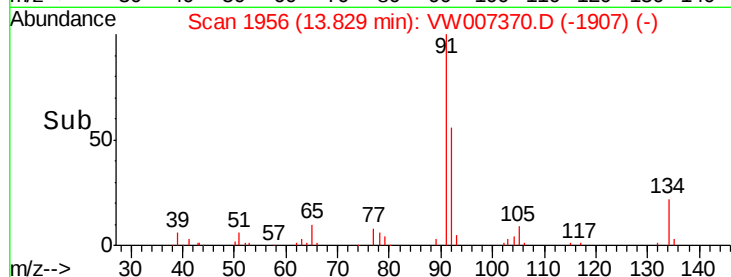
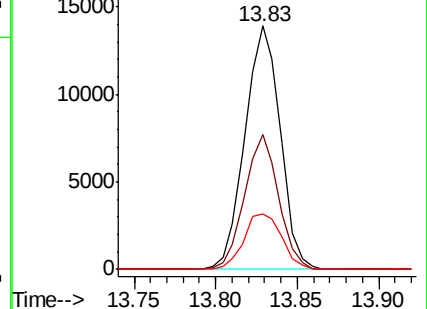
134 24.5 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 5.163 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007370.D

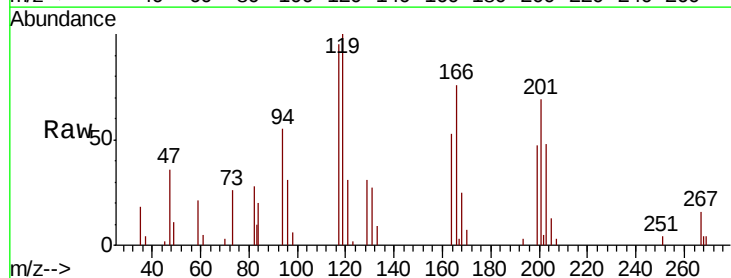
Acq: 10 Dec 2018 22:22

Tgt Ion: 117 Resp: 3759

Ion Ratio Lower Upper

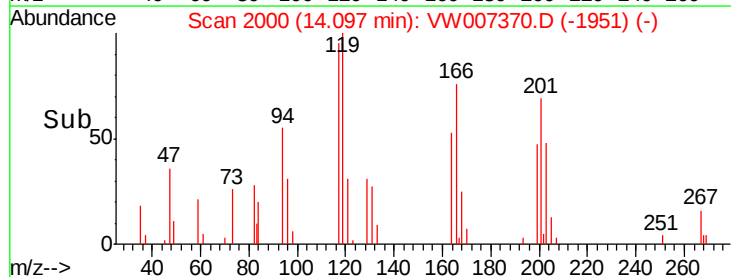
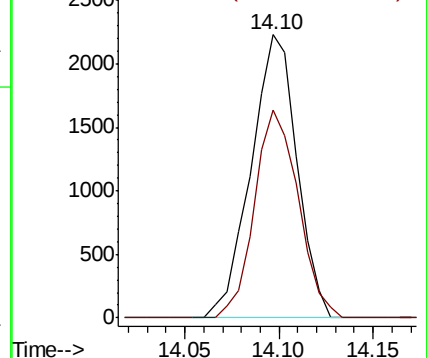
117 100

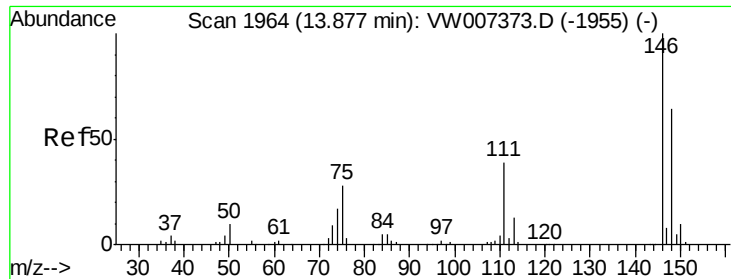
201 70.1 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

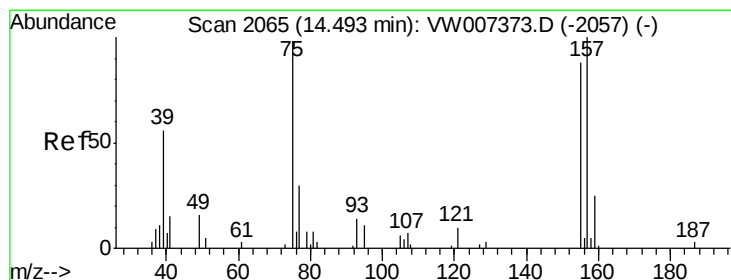
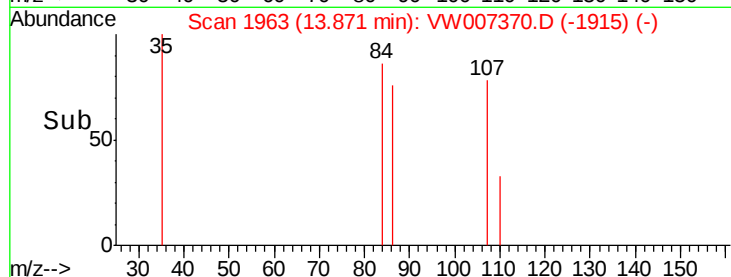
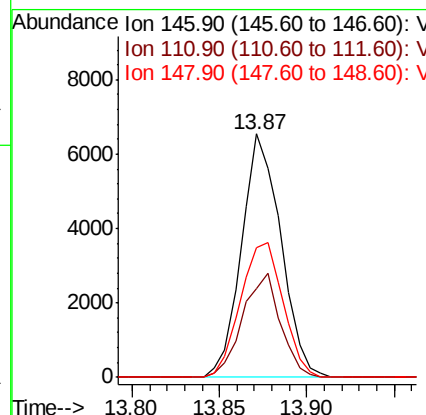
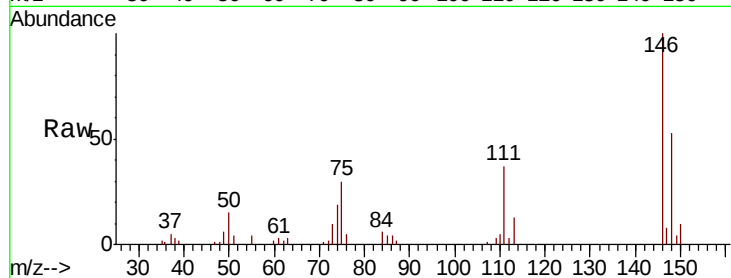




#91
 1,2-Dichlorobenzene
 Concen: 5.377 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

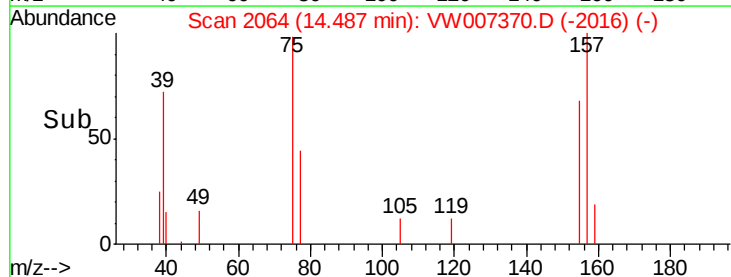
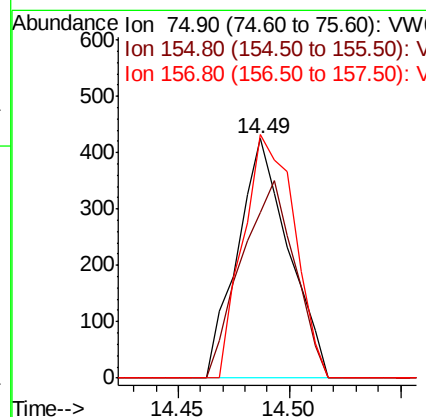
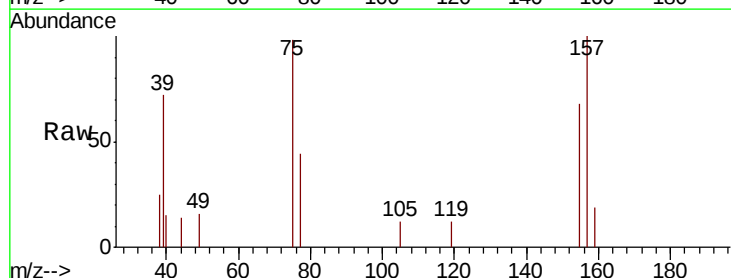
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

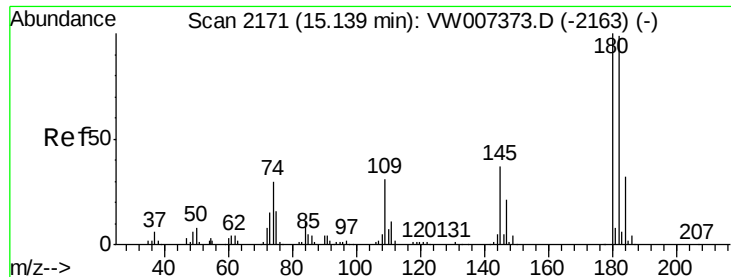
Tgt Ion: 146 Resp: 10227
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.4 67.2
 148 60.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.303 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion: 75 Resp: 679
 Ion Ratio Lower Upper
 75 100
 155 86.2 40.8 122.2
 157 102.1 51.1 153.4

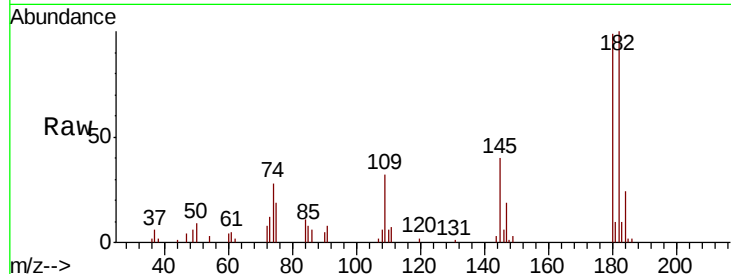




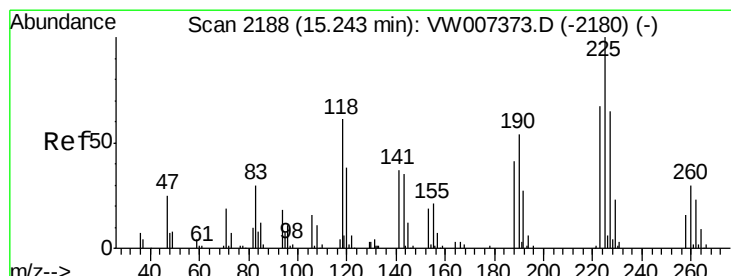
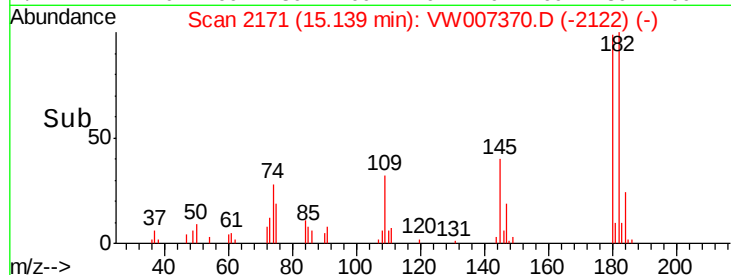
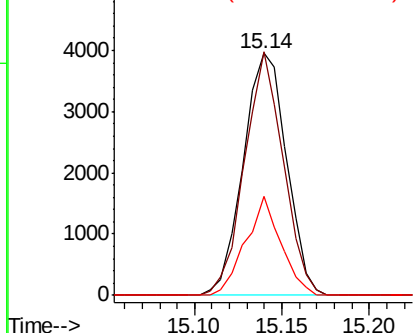
#93
 1,2,4-Trichlorobenzene
 Concen: 5.157 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 6799
 Ion Ratio Lower Upper
 180 100
 182 89.9 49.9 149.6
 145 33.3 17.8 53.4

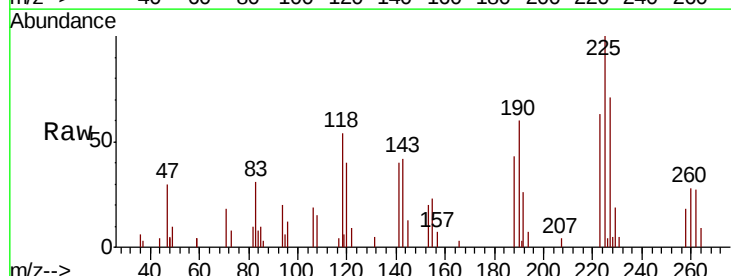


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

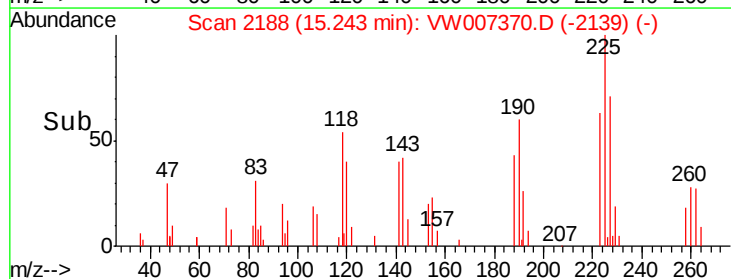
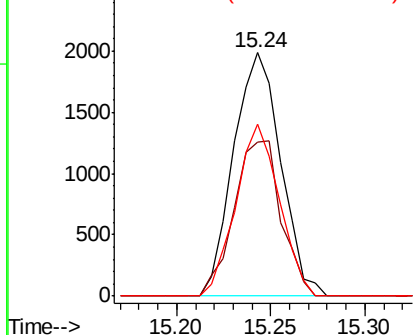


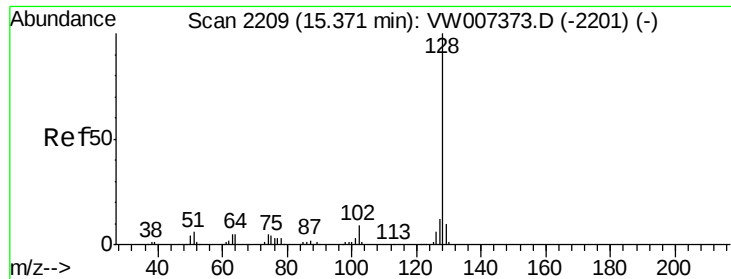
#94
 Hexachlorobutadiene
 Concen: 4.835 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007370.D
 Acq: 10 Dec 2018 22:22

Tgt Ion:225 Resp: 3445
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.1 96.3
 227 65.1 31.9 95.9



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

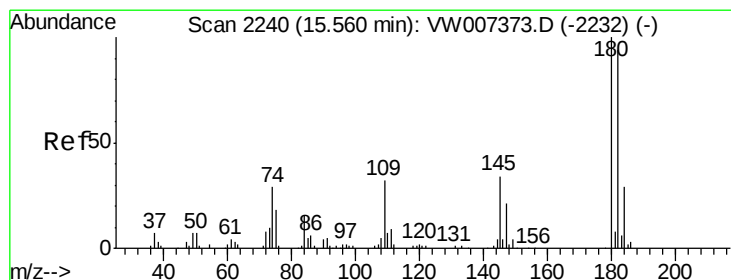
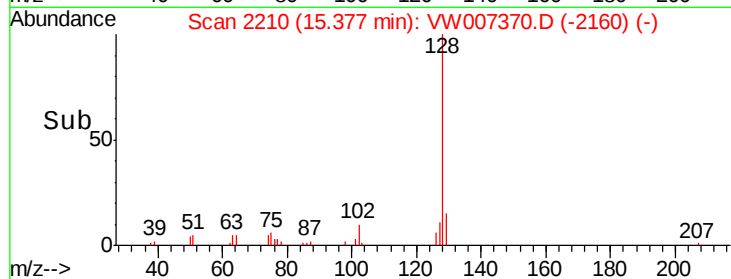
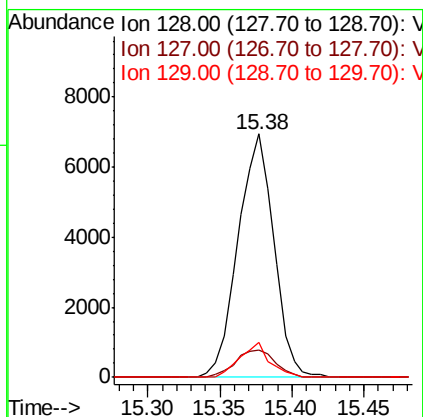
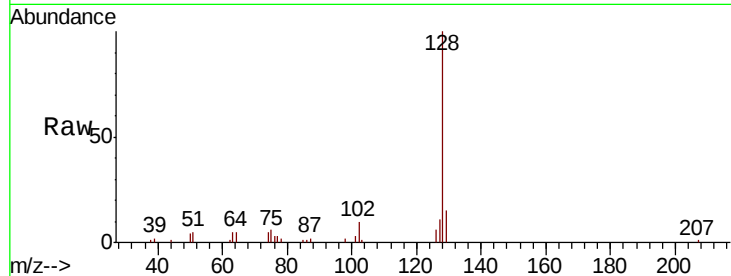




#95
Naphthalene
Concen: 5.002 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 11999
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 12.0 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 5.040 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007370.D
Acq: 10 Dec 2018 22:22

Tgt Ion:180 Resp: 5689
Ion Ratio Lower Upper
180 100
182 97.8 45.6 136.7
145 36.3 17.5 52.5

