

Data File : VW007182.D
Acq On : 04 Dec 2018 12:29
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Dec 05 00:47:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	185176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55072	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.89	113	53785	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.33	98	238382	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	90919	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	58735	45.449	ug/l 100
3) Chloromethane	2.21	50	77194	47.168	ug/l 100
4) Vinyl Chloride	2.36	62	50671	49.451	ug/l 100
5) Bromomethane	2.76	94	25743	50.135	ug/l 100
6) Chloroethane	2.92	64	28504	49.578	ug/l 100
7) Trichlorofluoromethane	3.26	101	95864	47.986	ug/l 100
8) Diethyl Ether	3.69	74	28176	50.598	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	58957	48.854	ug/l 100
10) Methyl Iodide	4.28	142	50303	48.931	ug/l 100
11) Tert butyl alcohol	5.17	59	24700	192.437	ug/l 100
12) 1,1-Dichloroethene	4.04	96	54671	48.341	ug/l 100
13) Acrolein	3.90	56	19138	248.359	ug/l 100
14) Allyl chloride	4.68	41	89887	49.584	ug/l 100
15) Acrylonitrile	5.37	53	62142	266.940	ug/l 100
16) Acetone	4.12	43	75352	289.431	ug/l 100
17) Carbon Disulfide	4.39	76	186600	50.054	ug/l 100
18) Methyl Acetate	4.68	43	30077	50.612	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	137772	51.740	ug/l 100
20) Methylene Chloride	4.92	84	66808	43.152	ug/l 100
21) trans-1,2-Dichloroethene	5.43	96	62445	49.449	ug/l 100
22) Diisopropyl ether	6.32	45	170295	52.329	ug/l 100
23) Vinyl Acetate	6.26	43	472466	266.074	ug/l 100
24) 1,1-Dichloroethane	6.22	63	103910	49.818	ug/l 100
25) 2-Butanone	7.17	43	81746	270.868	ug/l 100
26) 2,2-Dichloropropane	7.17	77	98874	49.328	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	67488	49.853	ug/l 100
28) Bromochloromethane	7.51	49	36359	48.343	ug/l 100
29) Tetrahydrofuran	7.53	42	48990	262.688	ug/l 100
30) Chloroform	7.68	83	107189	49.448	ug/l 100
31) Cyclohexane	7.96	56	105627	48.400	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	102656	50.321	ug/l 100
36) 1,1-Dichloropropene	8.09	75	92381	51.272	ug/l 100
37) Ethyl Acetate	7.26	43	33590	51.538	ug/l 100
38) Carbon Tetrachloride	8.07	117	92337	50.209	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120993	50.163	ug/l	100
40) Benzene	8.33	78	252776	51.161	ug/l	100
41) Methacrylonitrile	7.49	41	21337	54.656	ug/l	100
42) 1,2-Dichloroethane	8.40	62	69144	50.074	ug/l	100
43) Isopropyl Acetate	8.43	43	66892	52.844	ug/l	100
44) Trichloroethene	9.09	130	71889	51.763	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58443	50.831	ug/l	100
46) Dibromomethane	9.46	93	29595	49.536	ug/l	100
47) Bromodichloromethane	9.65	83	79956	50.878	ug/l	100
48) Methyl methacrylate	9.44	41	36358	55.341	ug/l	100
49) 1,4-Dioxane	9.45	88	10826	1037.299	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	171347	274.679	ug/l	100
52) Toluene	10.39	92	174899	50.889	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	82879	52.455	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	97539	52.677	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42988	50.585	ug/l	100
56) Ethyl methacrylate	10.65	69	59540	53.711	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73949	51.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	114435	257.009	ug/l	100
59) 2-Hexanone	10.97	43	126220	279.119	ug/l	100
60) Dibromochloromethane	11.13	129	53266	50.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42870	52.595	ug/l	100
64) Tetrachloroethene	10.87	164	62276	51.962	ug/l	100
65) Chlorobenzene	11.66	112	191884	52.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59060	52.199	ug/l	100
67) Ethyl Benzene	11.74	91	340906	51.055	ug/l	100
68) m/p-Xylenes	11.85	106	268433	102.475	ug/l	100
69) o-Xylene	12.17	106	126900	51.851	ug/l	100
70) Styrene	12.18	104	208427	52.025	ug/l	100
71) Bromoform	12.35	173	30728	54.252	ug/l #	100
73) Isopropylbenzene	12.47	105	356399	52.982	ug/l	100
74) N-amyl acetate	12.27	43	68189	57.174	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	48030	54.977	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68777	61.871	ug/l #	100
77) Bromobenzene	12.75	156	74803	51.517	ug/l	100
78) n-propylbenzene	12.81	91	400536	49.978	ug/l	100
79) 2-Chlorotoluene	12.90	91	236904	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	302402	52.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17162	57.760	ug/l	100
82) 4-Chlorotoluene	12.99	91	242655	50.401	ug/l	100
83) tert-Butylbenzene	13.21	119	255334	50.773	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	305434	51.995	ug/l	100
85) sec-Butylbenzene	13.39	105	358429	49.925	ug/l	100
86) p-Isopropyltoluene	13.51	119	320195	50.100	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149652	50.206	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154671	51.370	ug/l	100
89) n-Butylbenzene	13.83	91	302616	50.670	ug/l	100
90) Hexachloroethane	14.10	117	51847	53.235	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136022	52.712	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9304	54.976	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94207	52.680	ug/l	100
94) Hexachlorobutadiene	15.24	225	49633	51.468	ug/l	100
95) Naphthalene	15.38	128	176429	55.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78549	52.091	ug/l	100

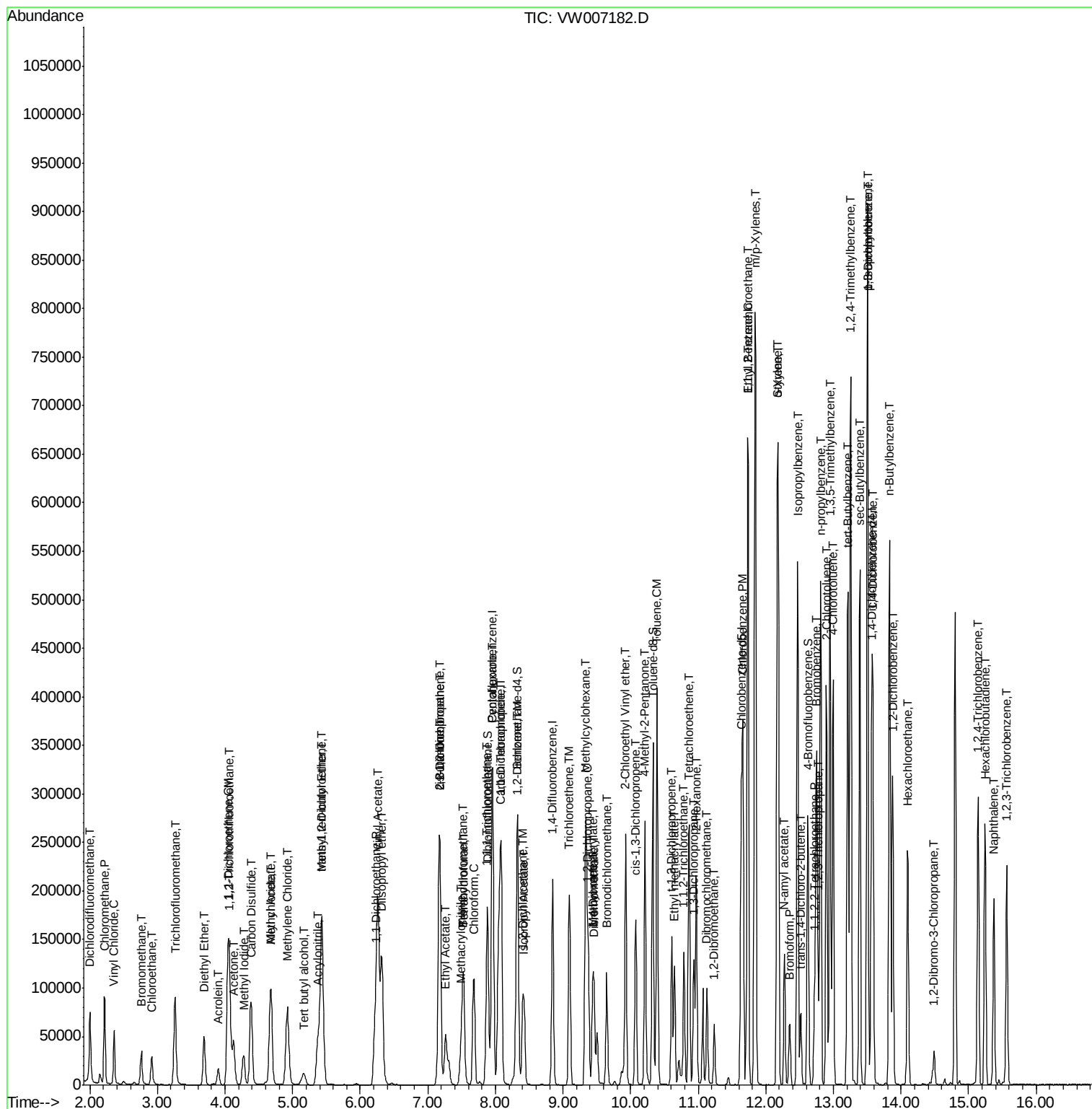
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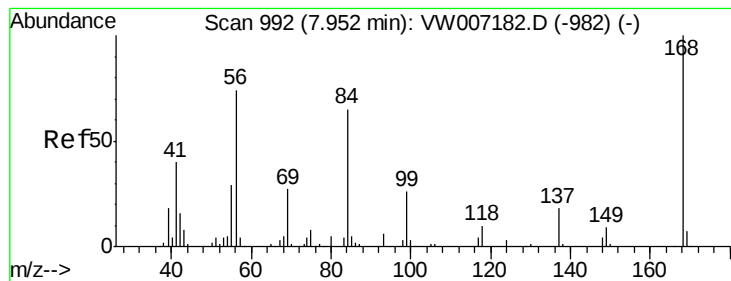
Data File : VW007182.D

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Operator     : SY/AP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

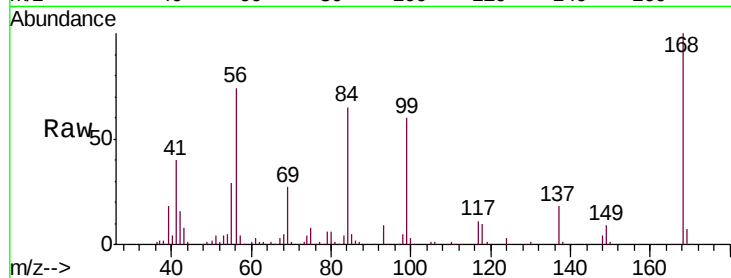
VSTDICCC050

Tgt Ion: 168 Resp: 118119

Ion Ratio Lower Upper

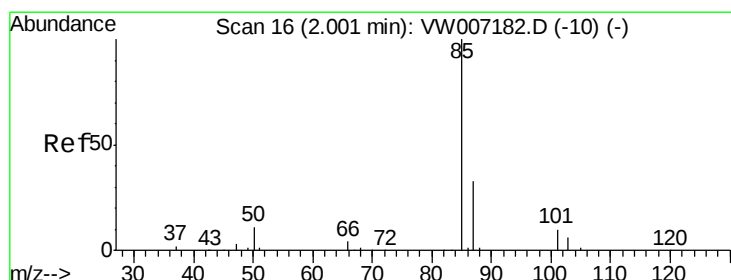
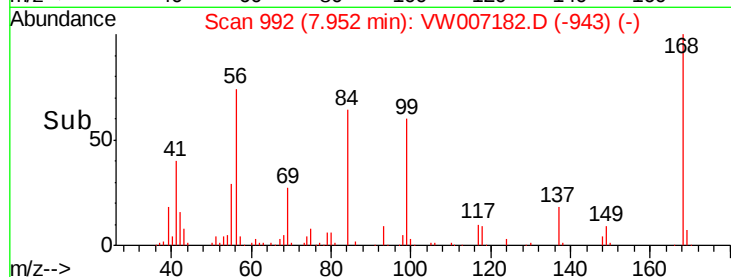
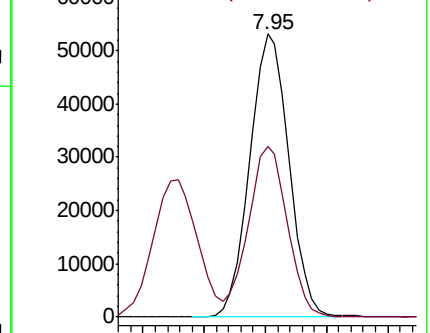
168 100

99 59.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.449 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007182.D

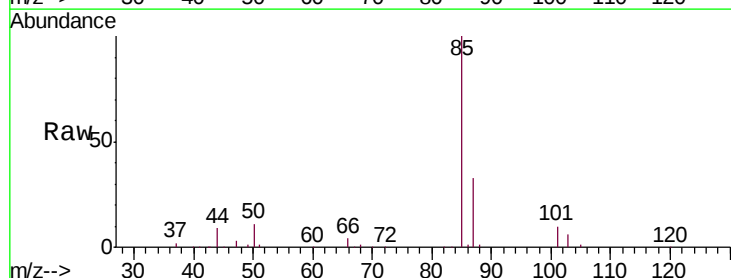
Acq: 04 Dec 2018 12:29

Tgt Ion: 85 Resp: 58735

Ion Ratio Lower Upper

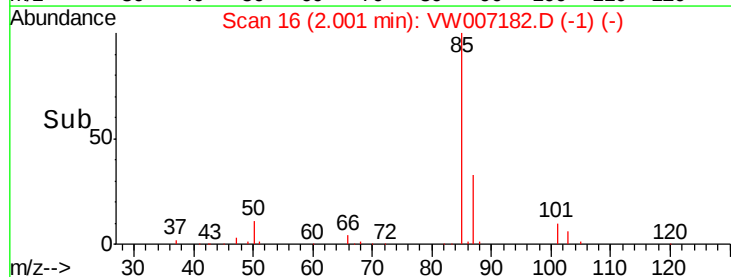
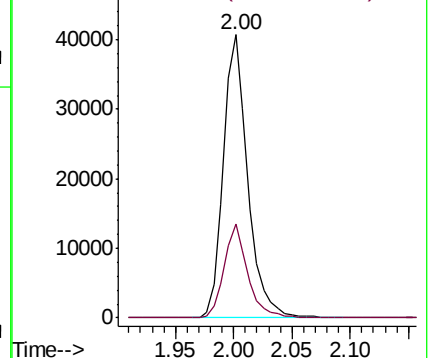
85 100

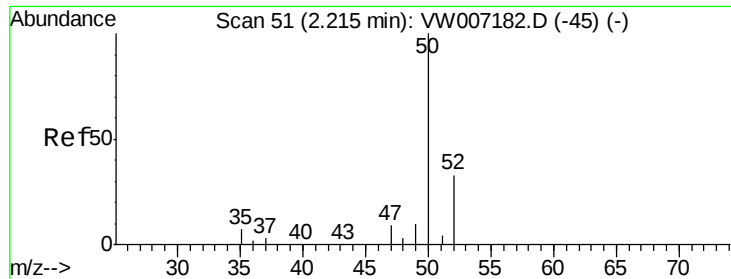
87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.168 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

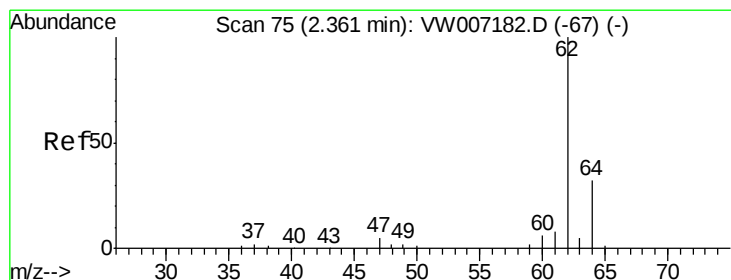
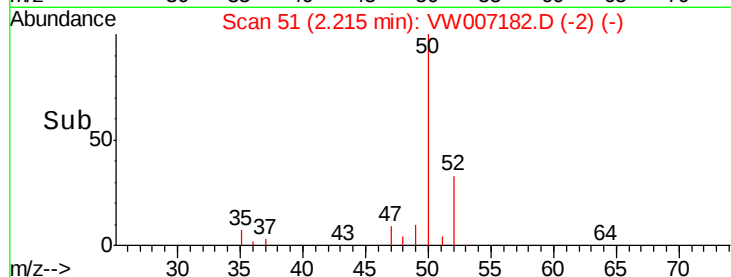
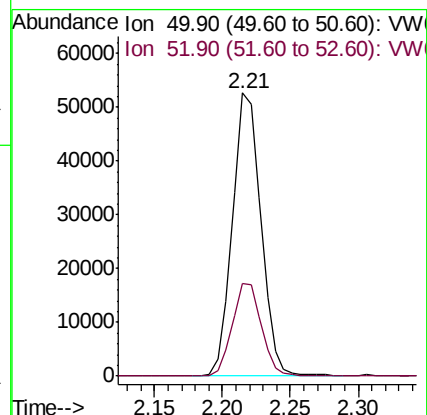
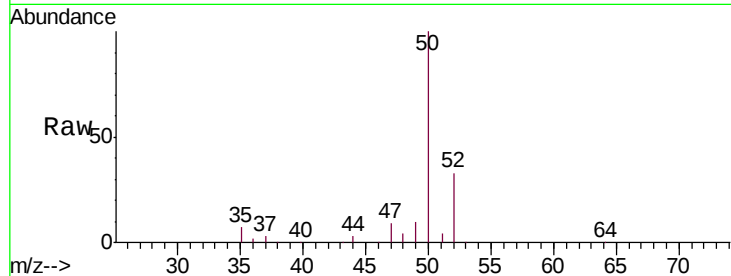
VSTDICCC050

Tgt Ion: 50 Resp: 77194

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 49.451 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007182.D

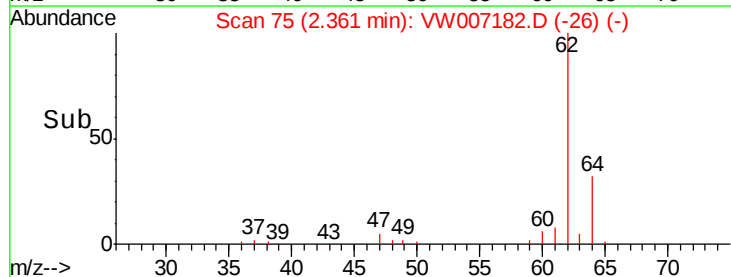
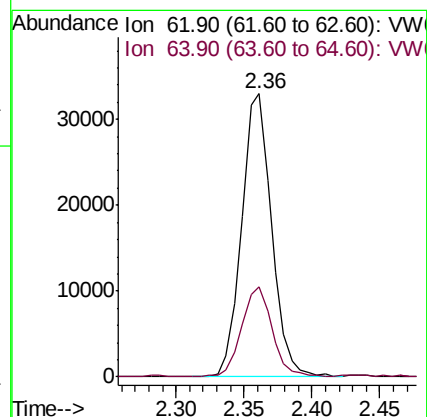
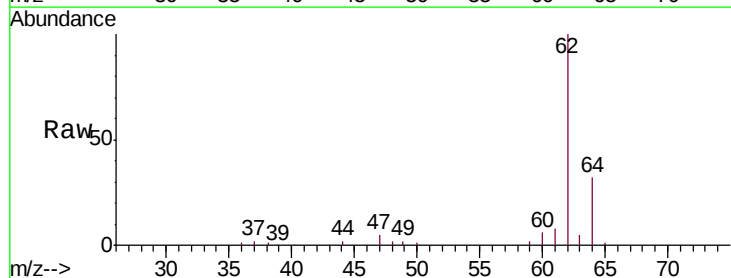
Acq: 04 Dec 2018 12:29

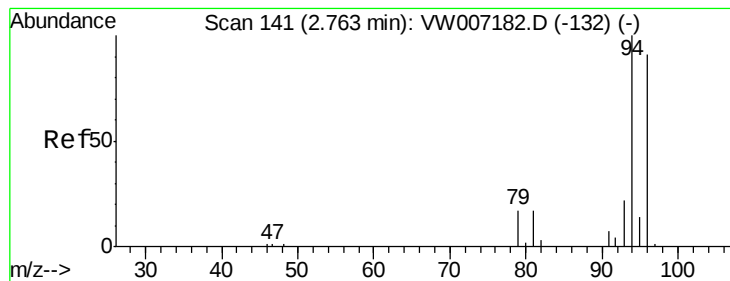
Tgt Ion: 62 Resp: 50671

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 50.135 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

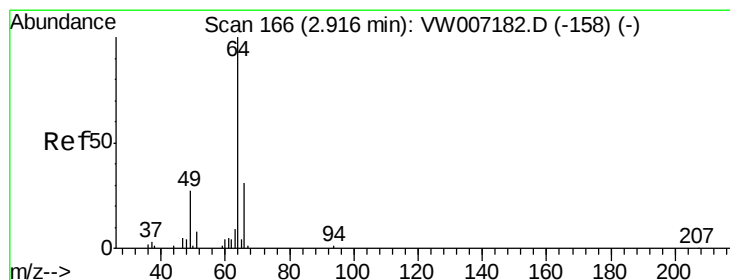
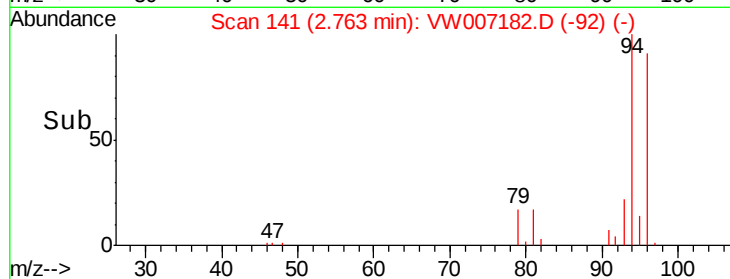
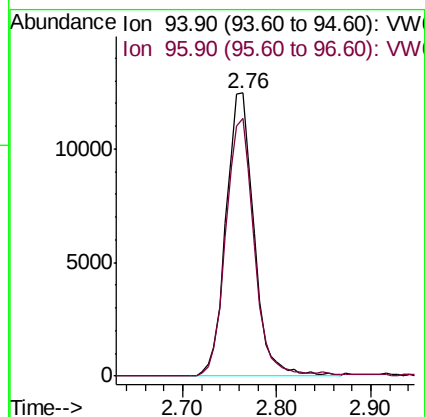
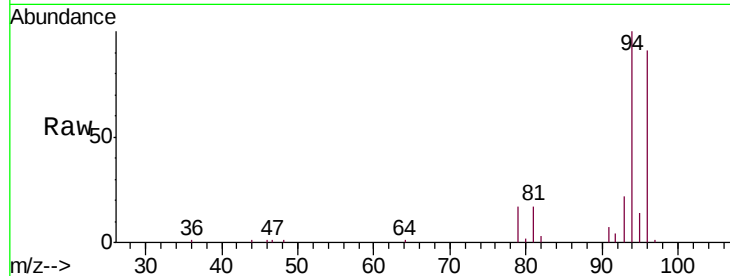
VSTDICCC050

Tgt Ion: 94 Resp: 25743

Ion Ratio Lower Upper

94 100

96 91.0 72.8 109.2



#6

Chloroethane

Concen: 49.578 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007182.D

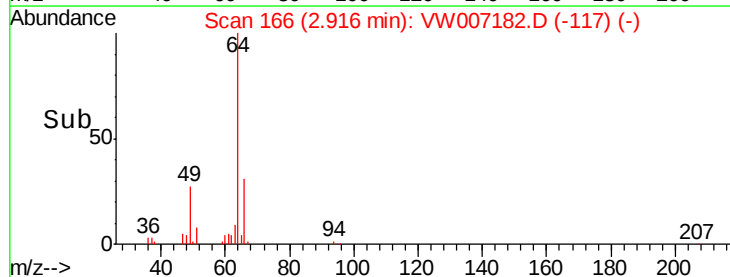
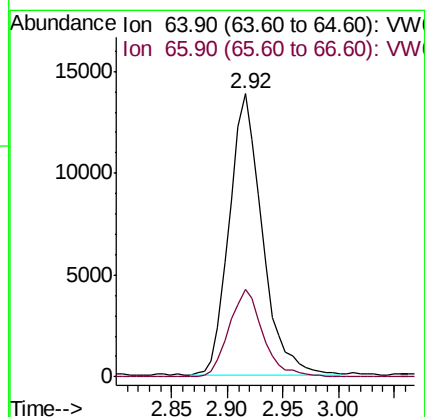
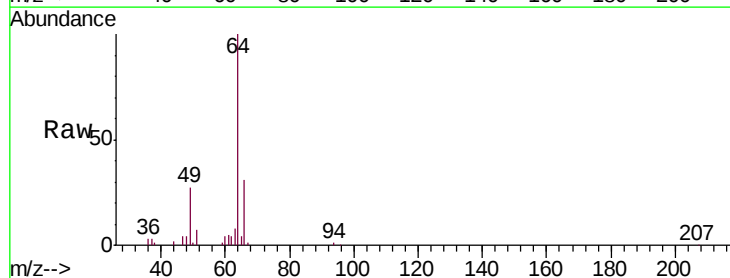
Acq: 04 Dec 2018 12:29

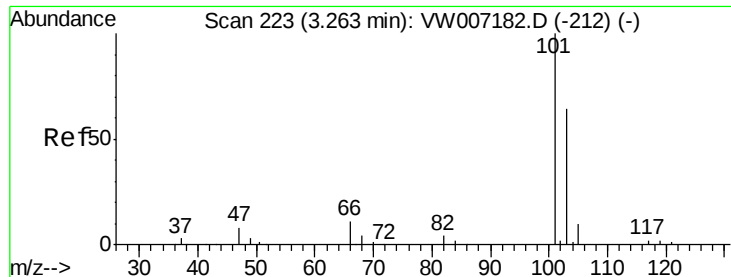
Tgt Ion: 64 Resp: 28504

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



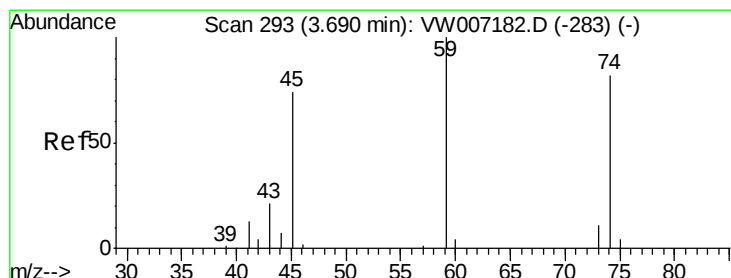
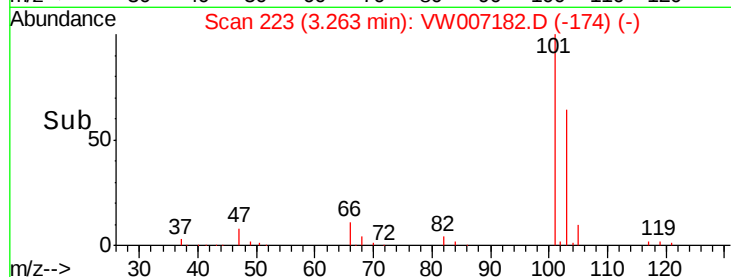
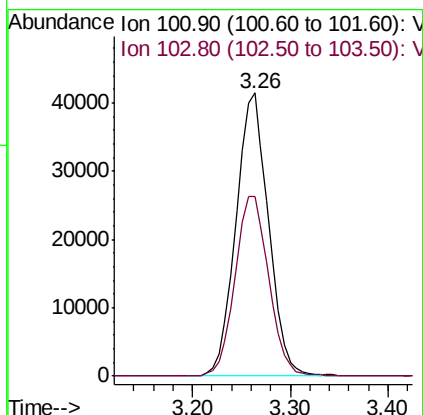
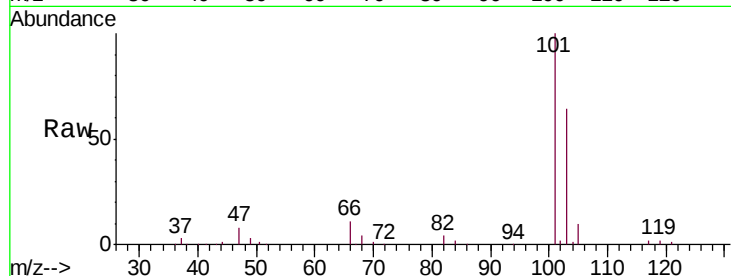


#7

Trichlorofluoromethane
 Concen: 47.986 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
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 VSTDICCC050

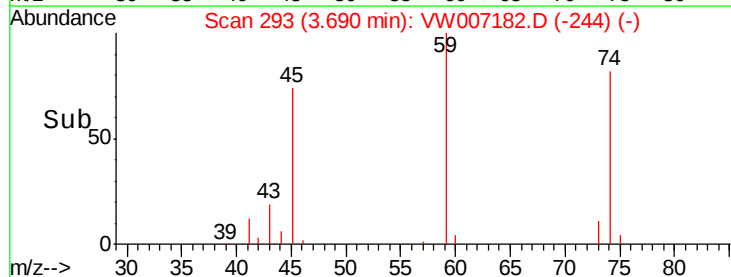
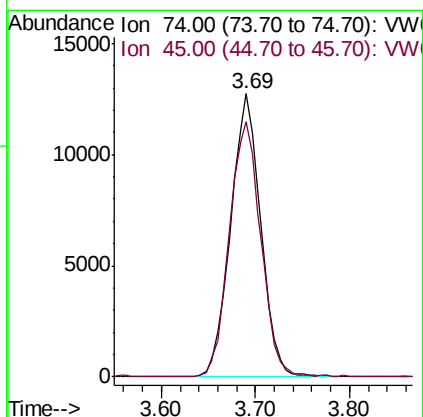
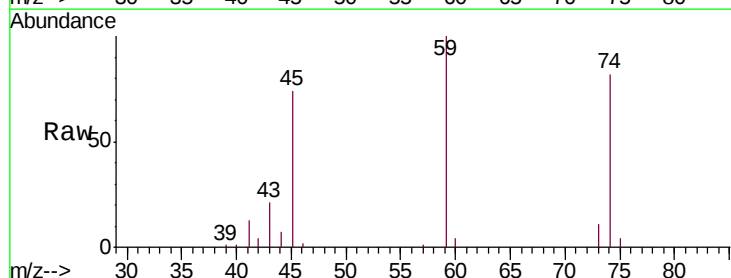
Tgt Ion:101 Resp: 95864
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

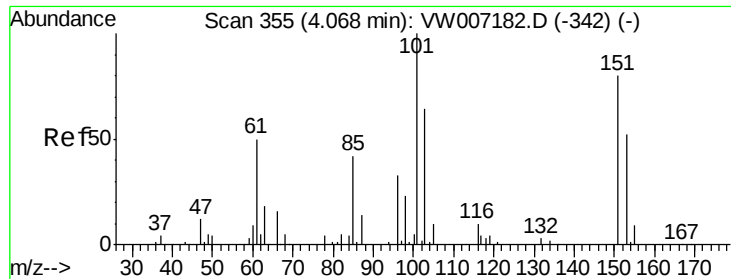


#8

Diethyl Ether
 Concen: 50.598 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 74 Resp: 28176
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.854 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

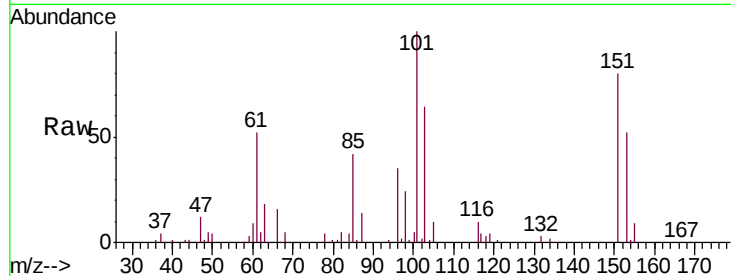
Tgt Ion:101 Resp: 58957

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

151 79.9 63.9 95.9

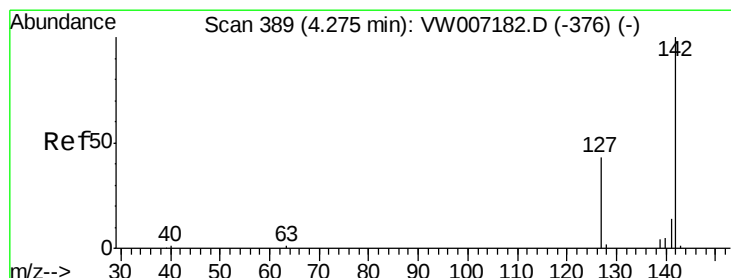
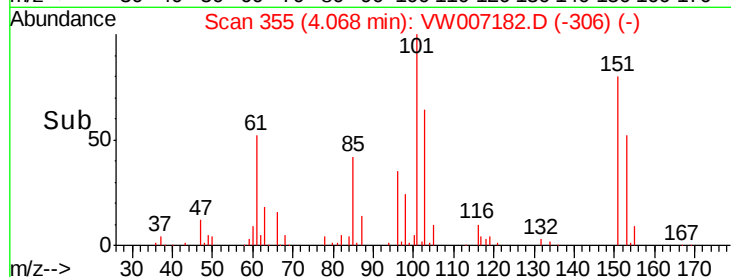
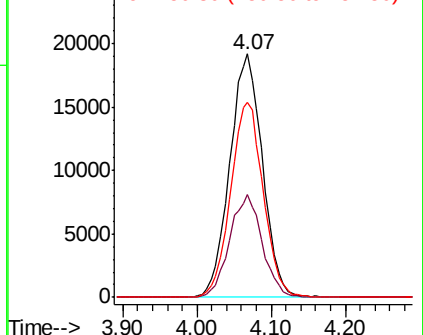


Abundance

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: 48.931 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

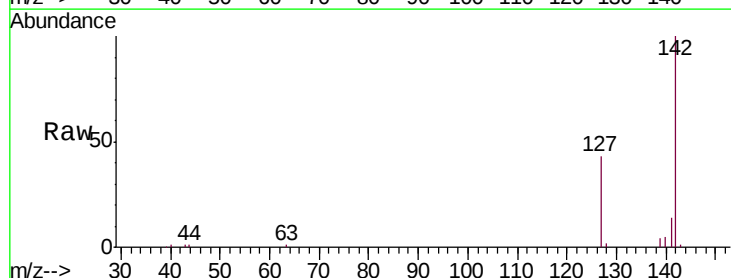
Tgt Ion:142 Resp: 50303

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

141 14.6 11.7 17.5

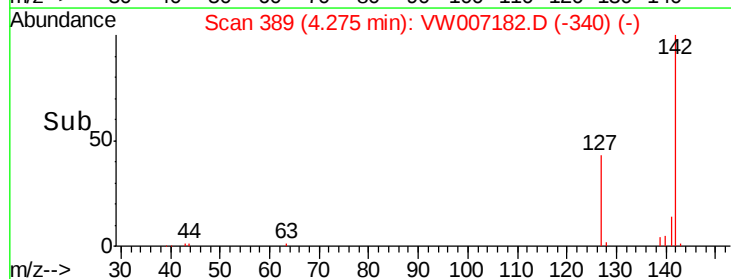
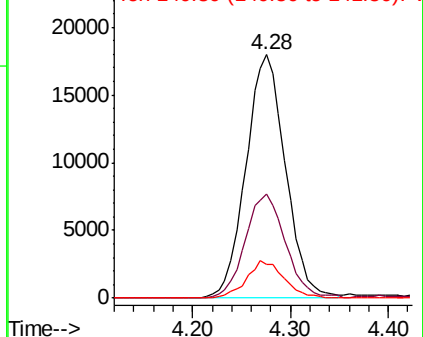


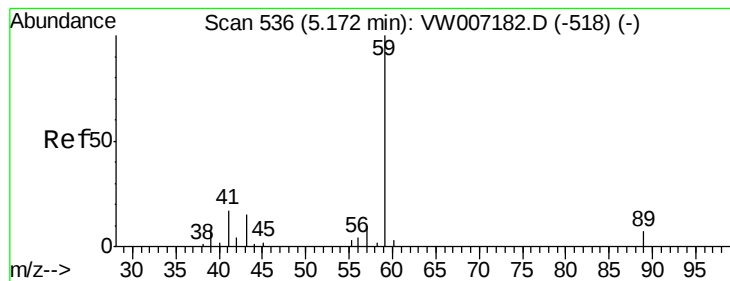
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



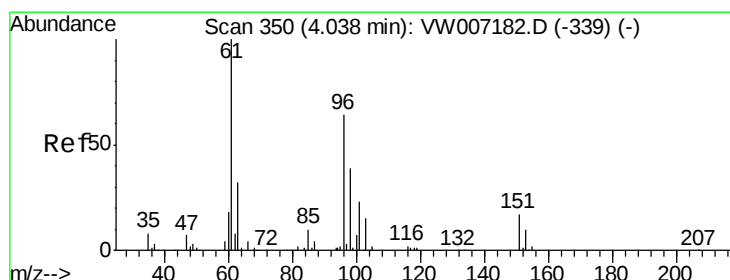
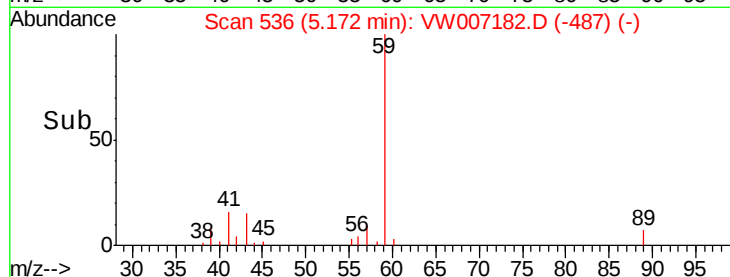
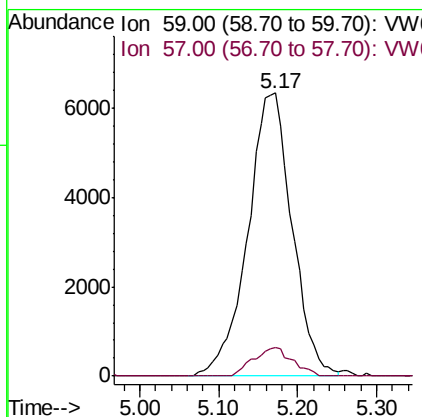
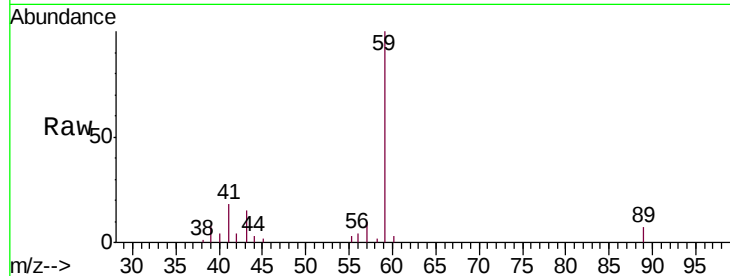


#11

Tert butyl alcohol
 Concen: 192.437 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

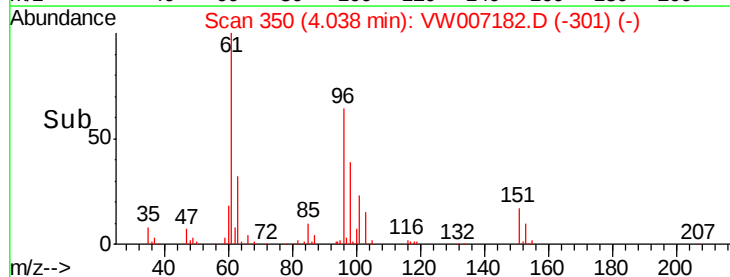
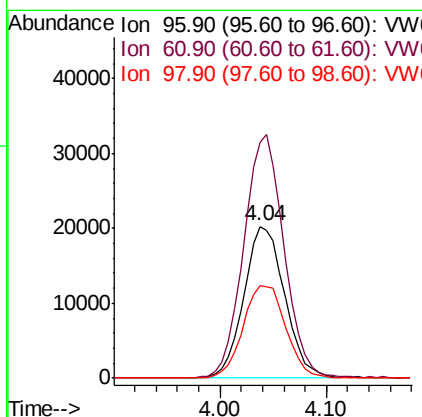
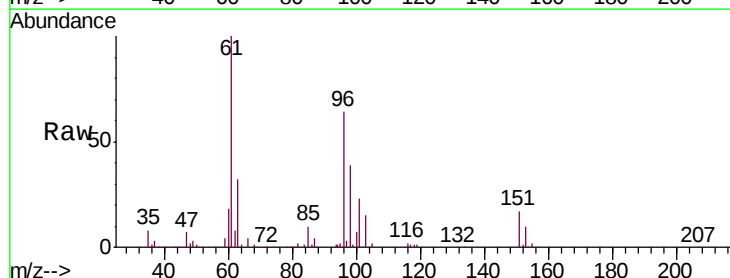
Tgt Ion: 59 Resp: 24700
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.1 10.7

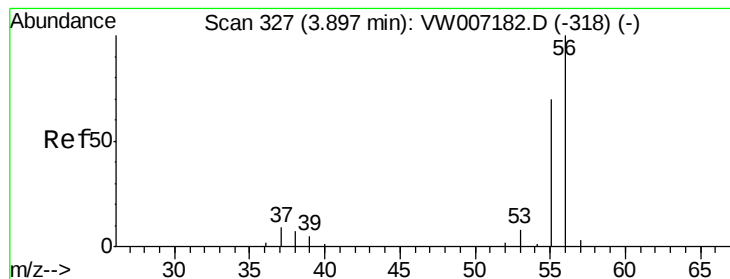


#12

1,1-Dichloroethene
 Concen: 48.341 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 96 Resp: 54671
 Ion Ratio Lower Upper
 96 100
 61 155.1 124.1 186.1
 98 60.7 48.6 72.8





#13

Acrolein

Concen: 248.359 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

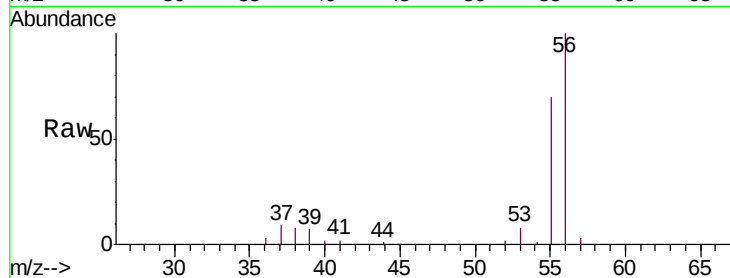
VSTDICCC050

Tgt Ion: 56 Resp: 19138

Ion Ratio Lower Upper

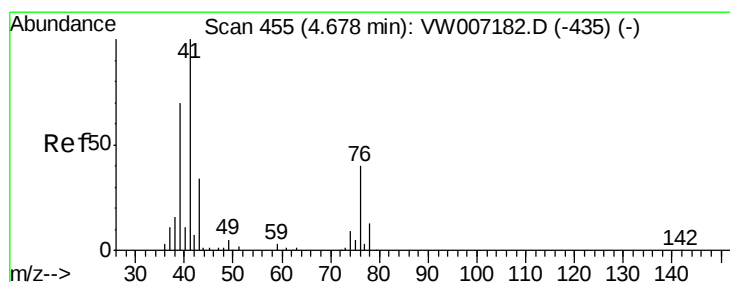
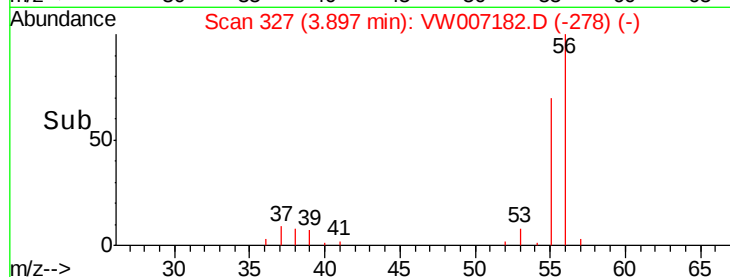
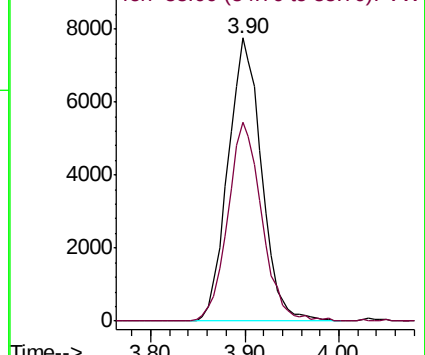
56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.584 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

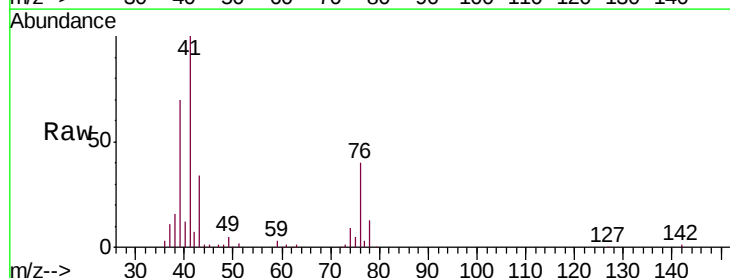
Tgt Ion: 41 Resp: 89887

Ion Ratio Lower Upper

41 100

39 69.9 55.9 83.9

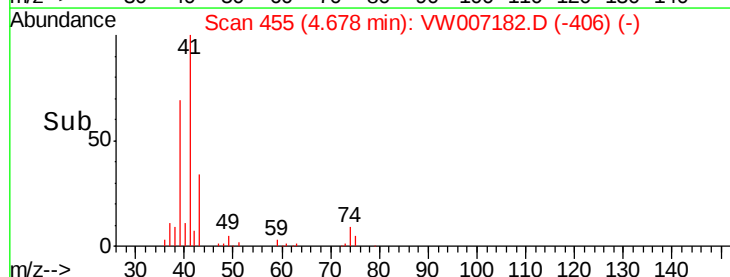
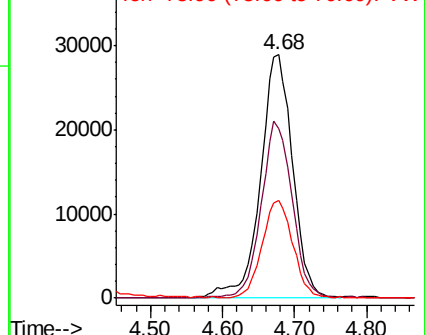
76 38.5 30.8 46.2

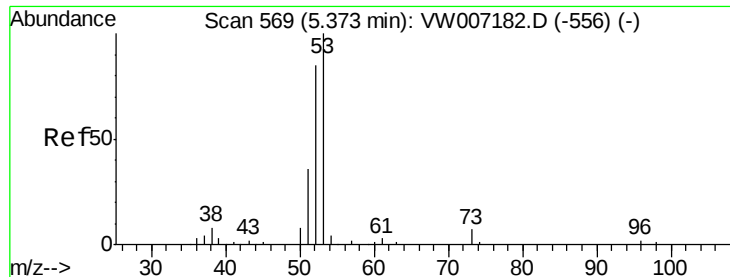


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 266.940 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

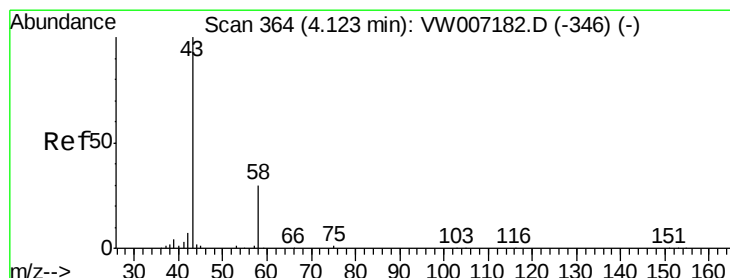
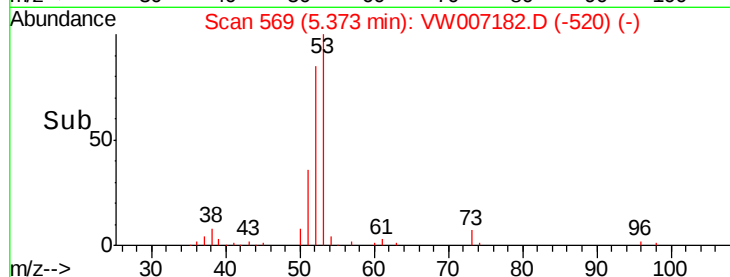
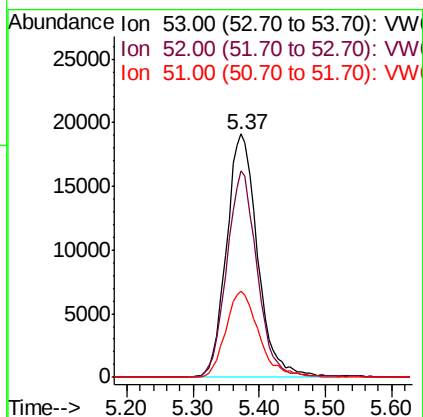
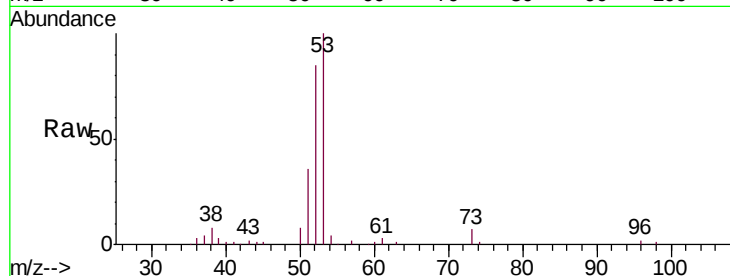
Tgt Ion: 53 Resp: 62142

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

51 37.9 30.3 45.5



#16

Acetone

Concen: 289.431 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007182.D

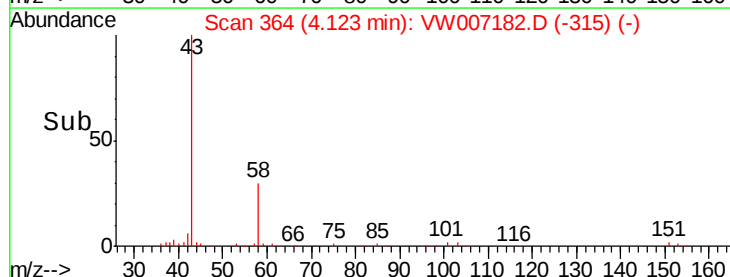
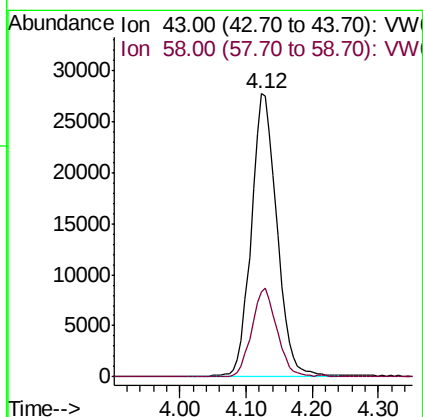
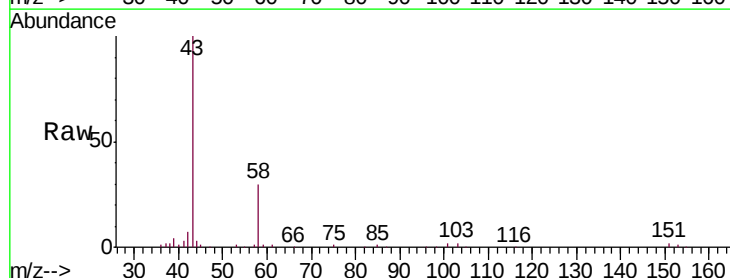
Acq: 04 Dec 2018 12:29

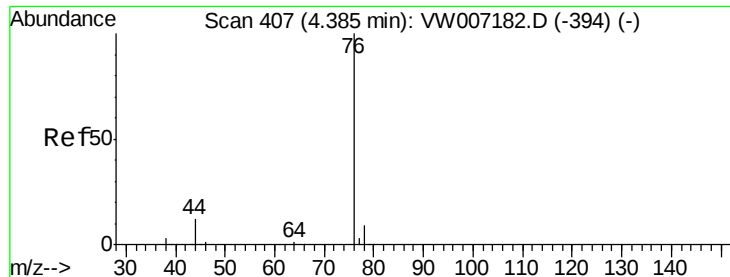
Tgt Ion: 43 Resp: 75352

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8

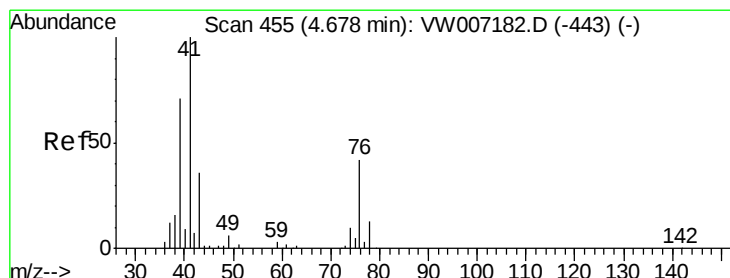
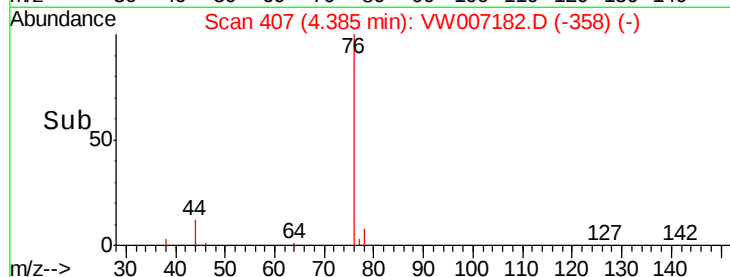
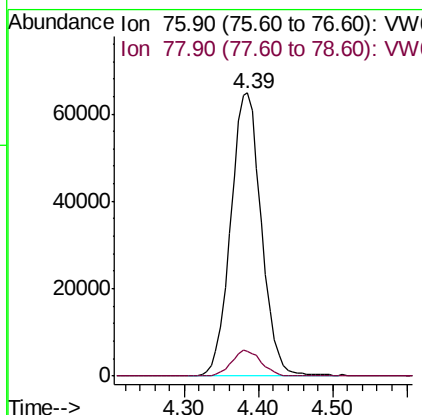
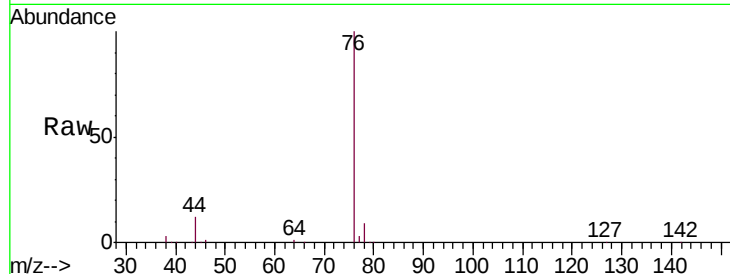




#17
Carbon Disulfide
Concen: 50.054 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

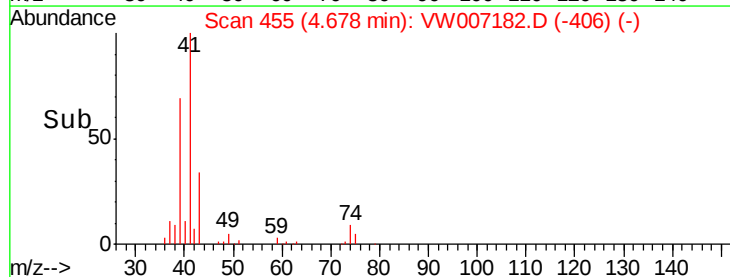
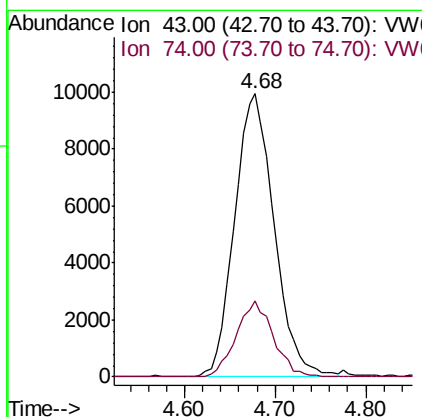
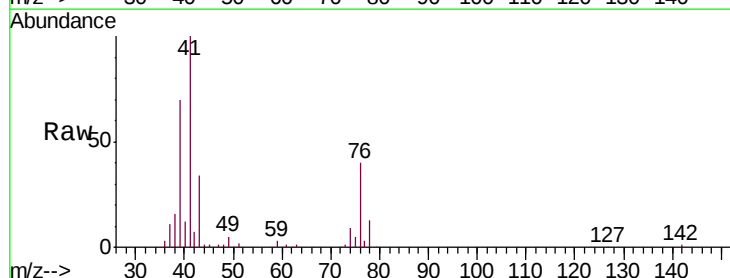
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

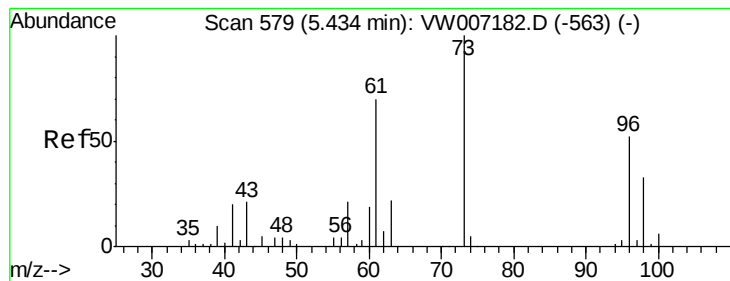
Tgt Ion: 76 Resp: 186600
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.612 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 43 Resp: 30077
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 51.740 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

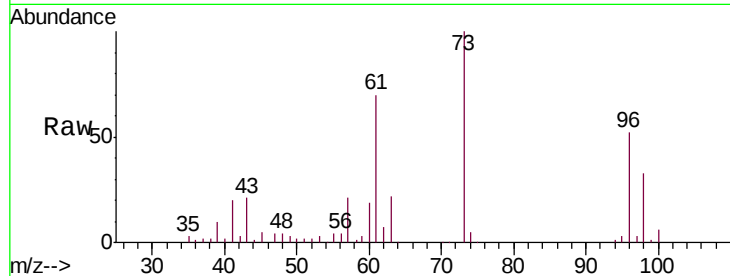
VSTDICCC050

Tgt Ion: 73 Resp: 137772

Ion Ratio Lower Upper

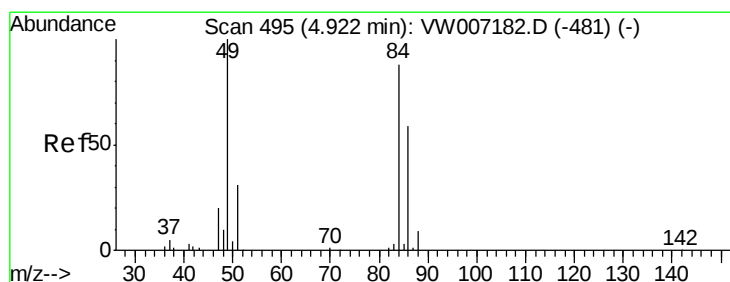
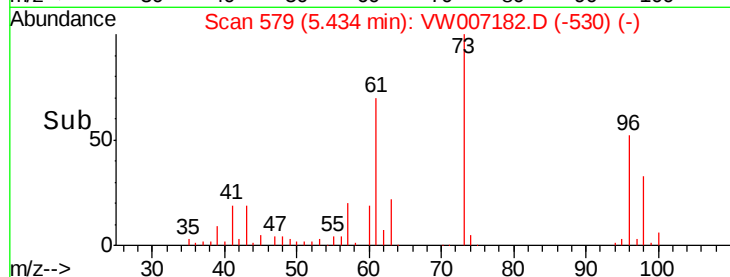
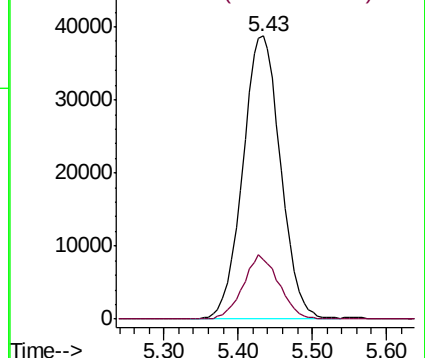
73 100

57 20.8 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 43.152 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion: 84 Resp: 66808

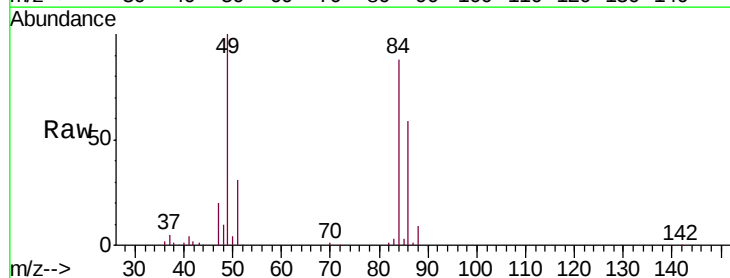
Ion Ratio Lower Upper

84 100

49 113.2 90.6 135.8

51 34.5 27.6 41.4

86 67.1 53.7 80.5

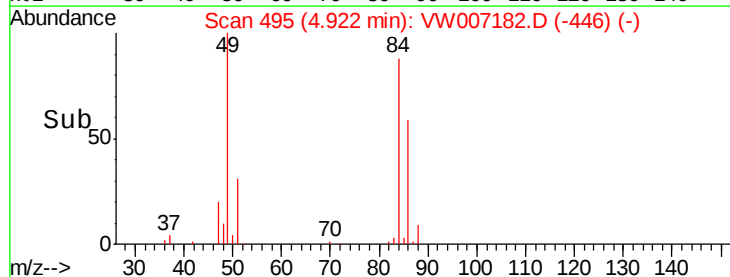
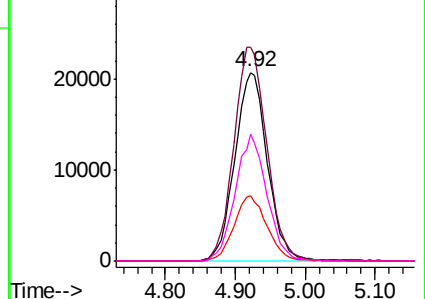


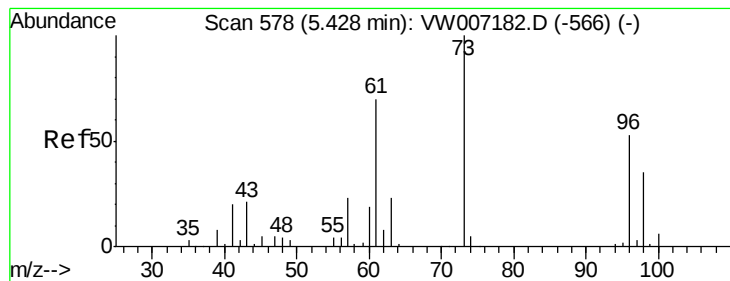
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 49.449 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

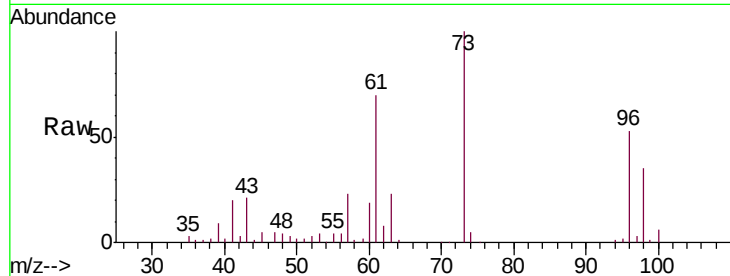
Tgt Ion: 96 Resp: 62445

Ion Ratio Lower Upper

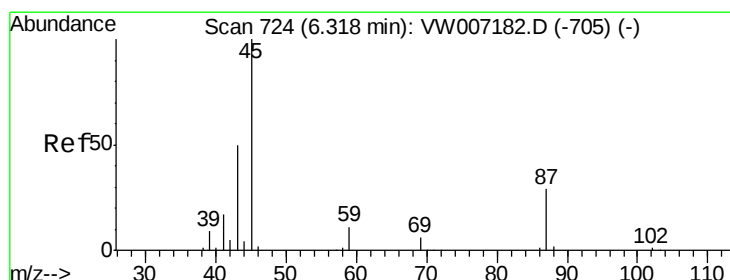
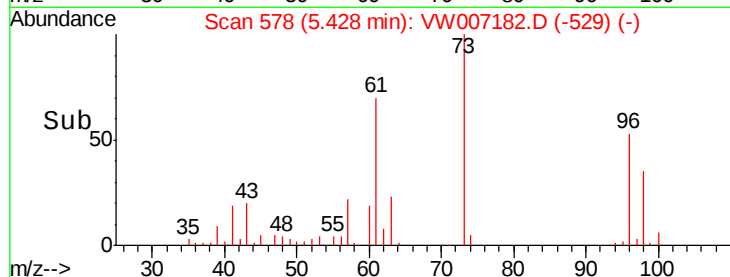
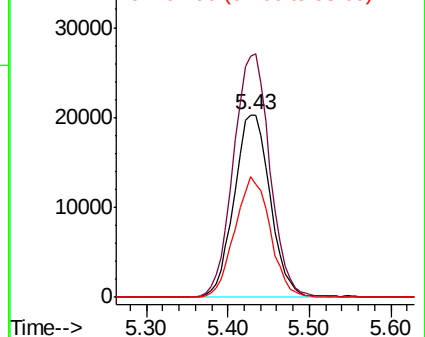
96 100

61 131.9 105.5 158.3

98 65.8 52.6 79.0



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



#22

Diisopropyl ether

Concen: 52.329 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Tgt Ion: 45 Resp: 170295

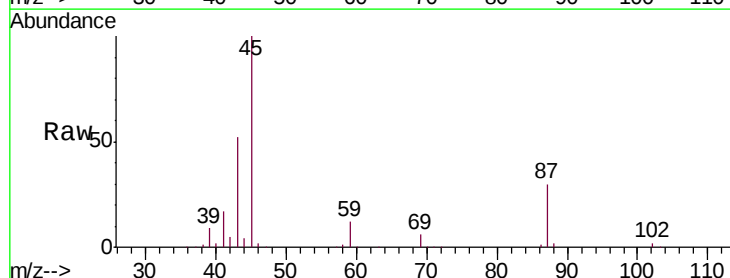
Ion Ratio Lower Upper

45 100

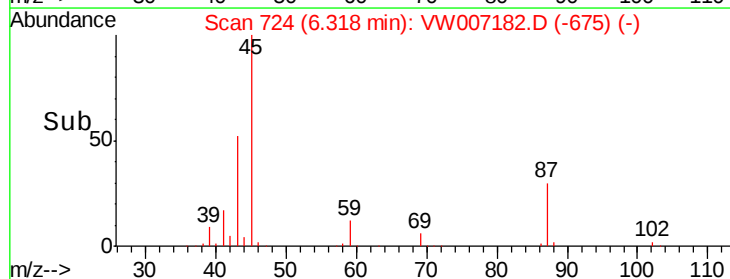
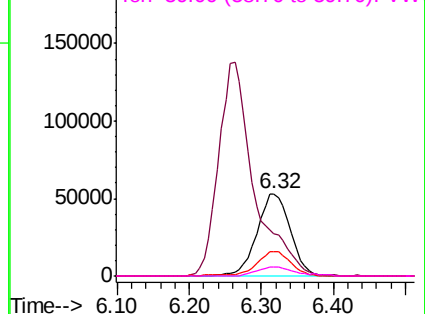
43 51.0 40.8 61.2

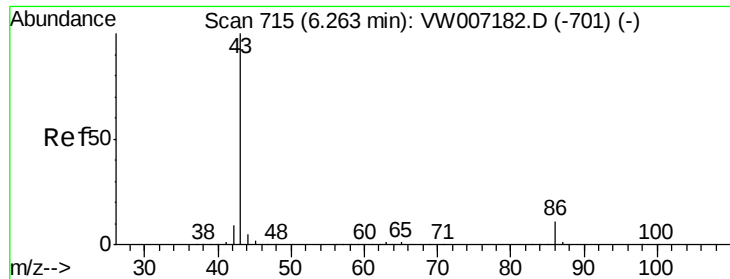
87 30.0 24.0 36.0

59 11.4 9.1 13.7



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

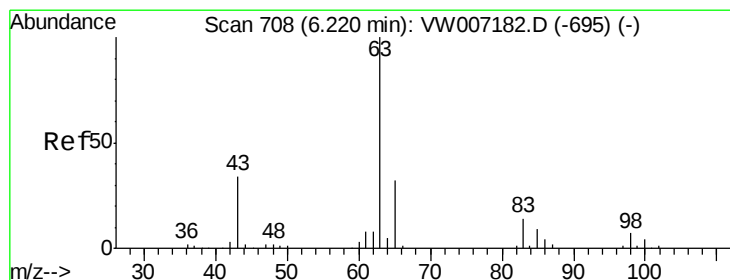
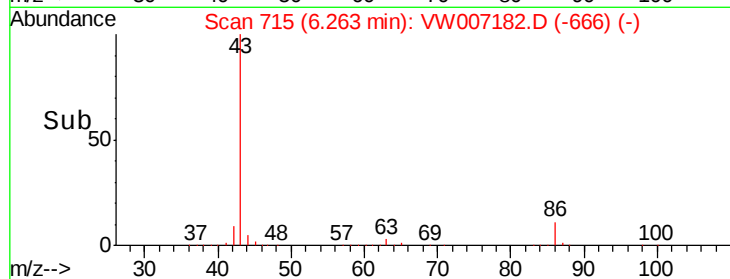
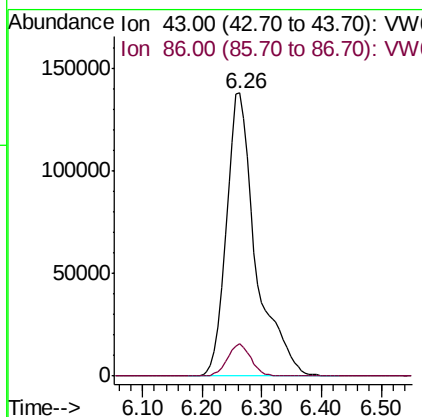
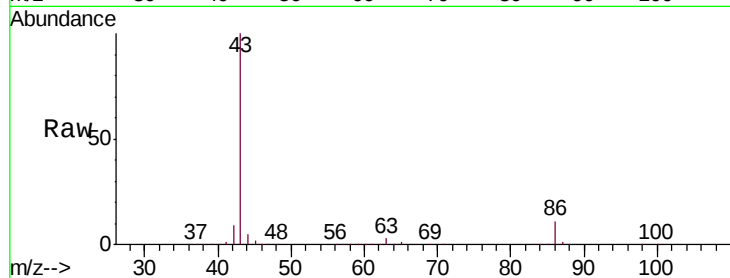




#23
 Vinyl Acetate
 Concen: 266.074 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

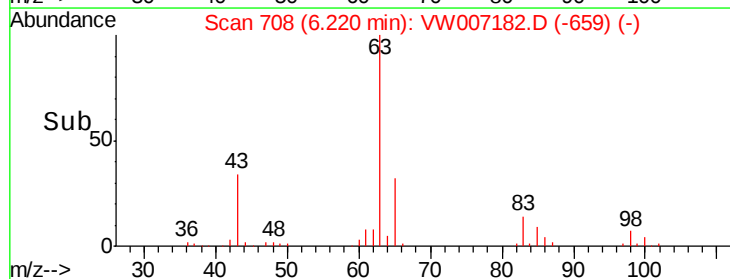
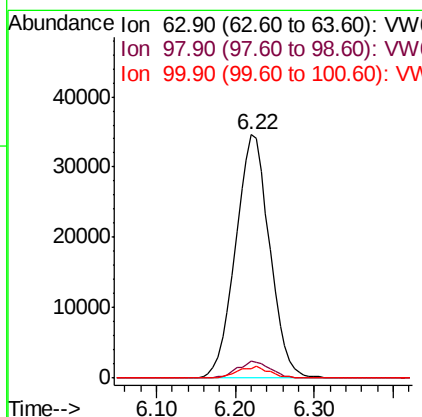
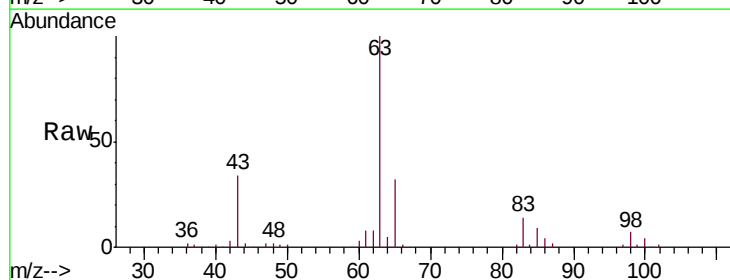
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

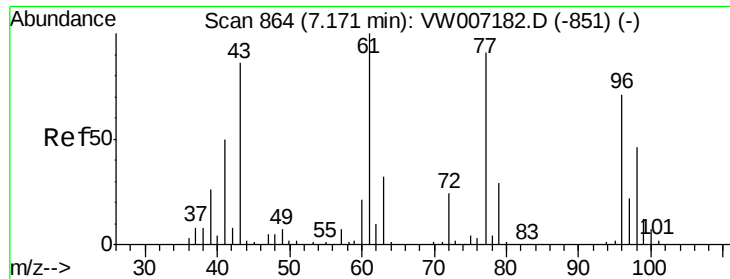
Tgt Ion: 43 Resp: 472466
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 49.818 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 63 Resp: 103910
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.1 2.1 6.2

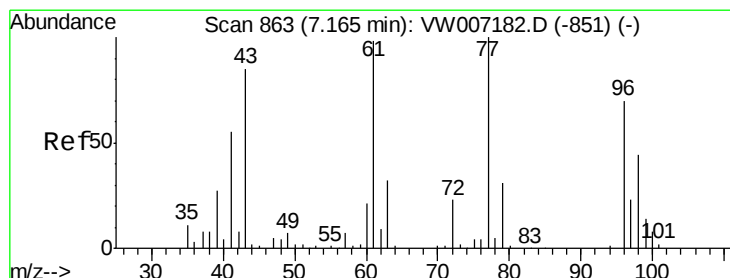
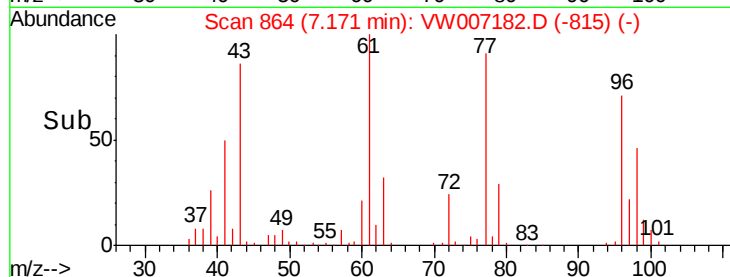
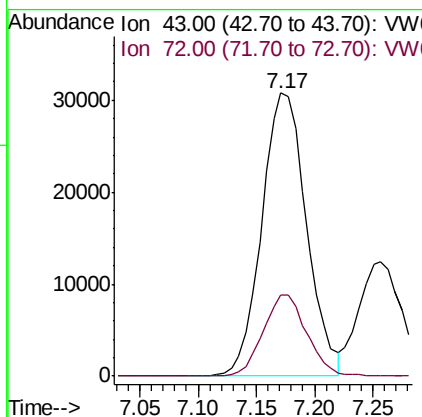
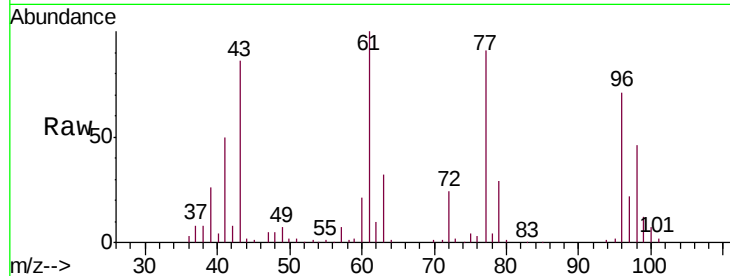




#25
2-Butanone
Concen: 270.868 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

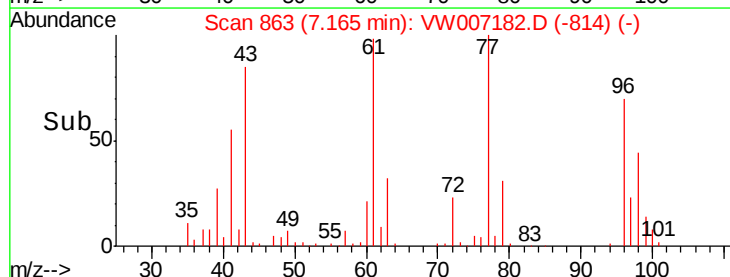
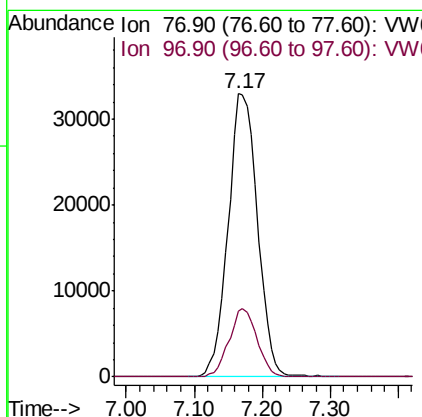
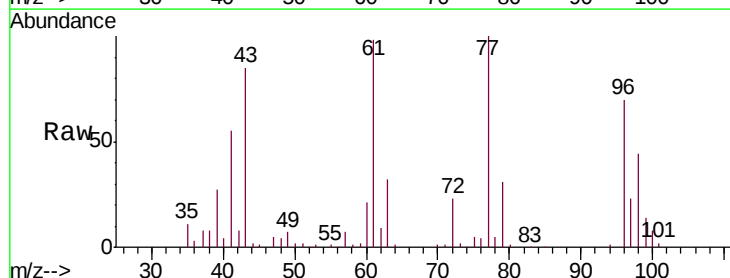
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

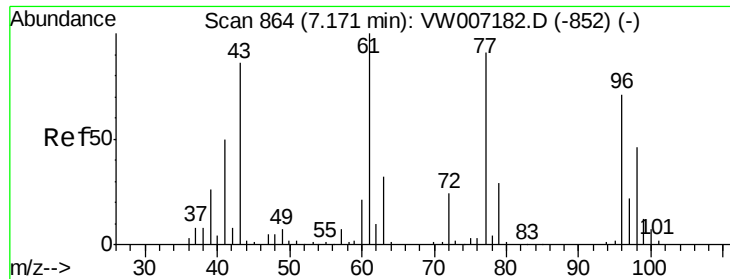
Tgt Ion: 43 Resp: 81746
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.328 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 77 Resp: 98874
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.853 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

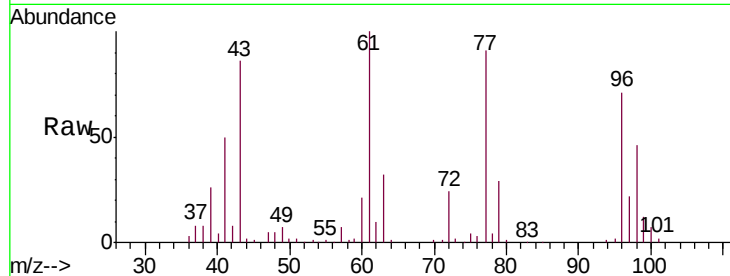
Tgt Ion: 96 Resp: 67488

Ion Ratio Lower Upper

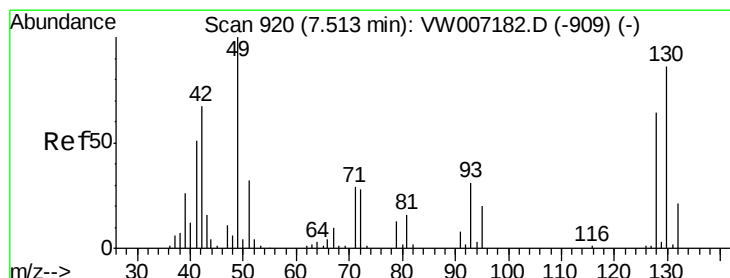
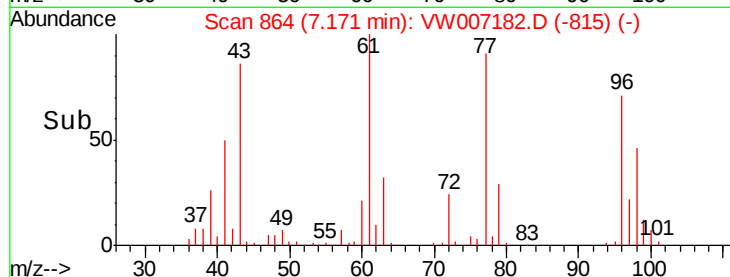
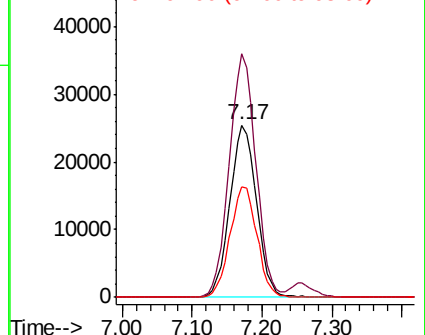
96 100

61 141.2 0.0 282.4

98 64.9 0.0 129.8



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



#28

Bromochloromethane

Concen: 48.343 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

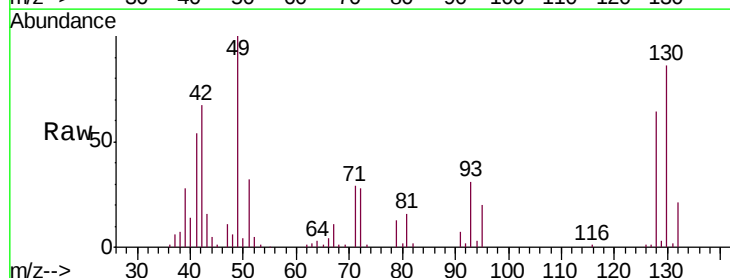
Tgt Ion: 49 Resp: 36359

Ion Ratio Lower Upper

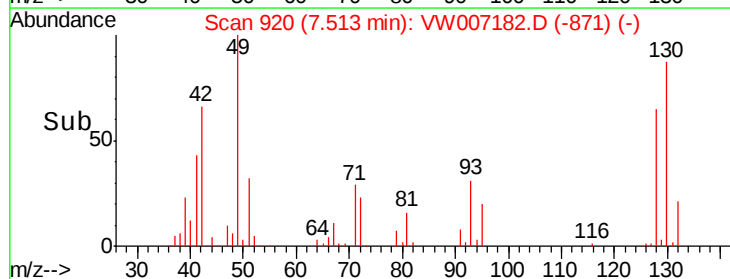
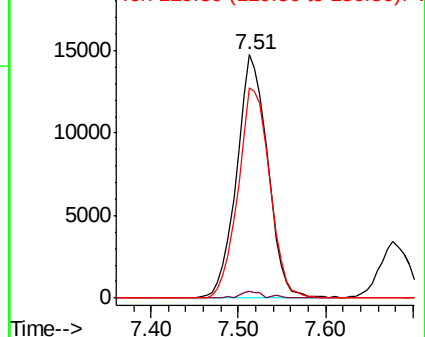
49 100

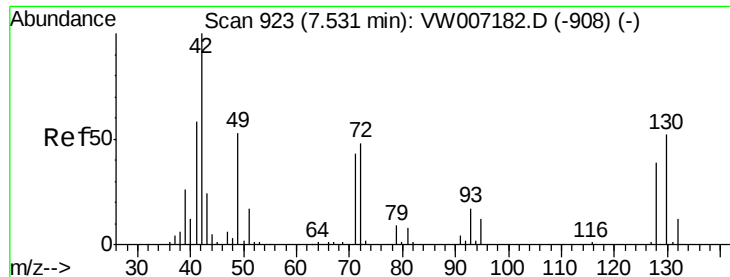
129 1.9 0.0 3.8

130 87.9 70.3 105.5



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

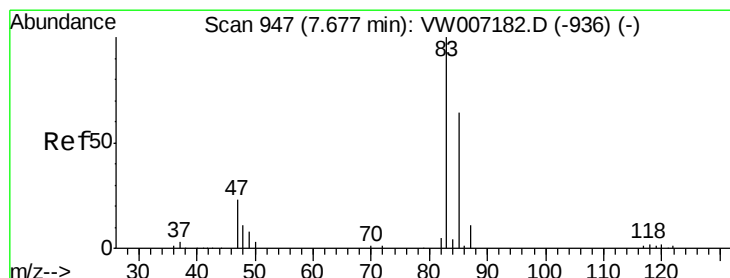
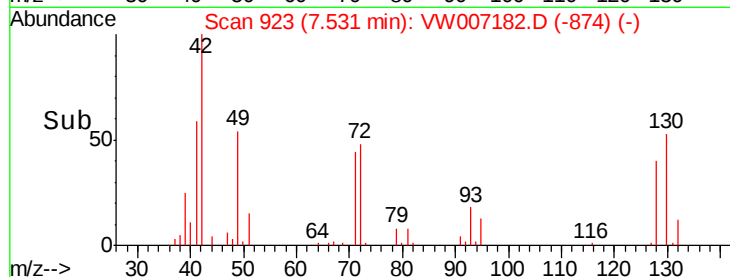
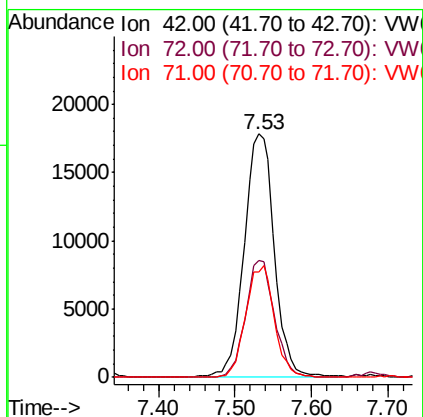
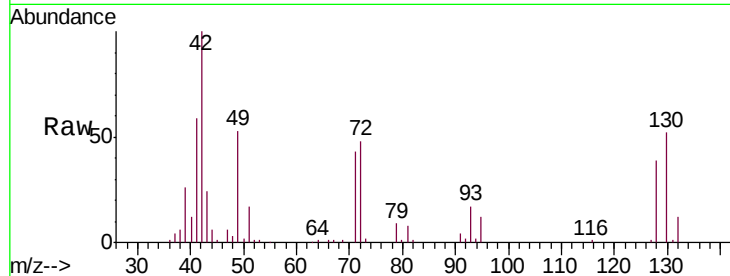




#29
Tetrahydrofuran
Concen: 262.688 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

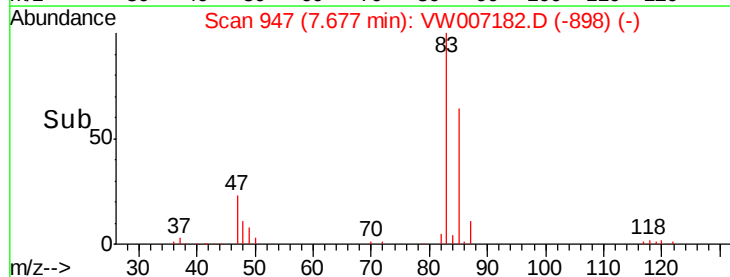
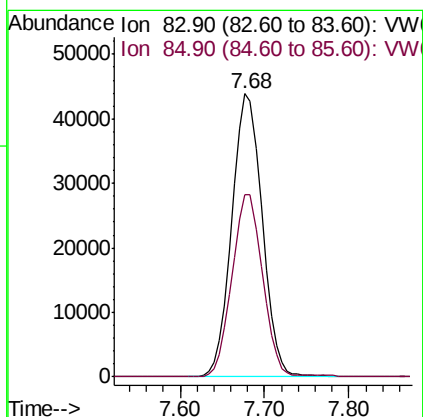
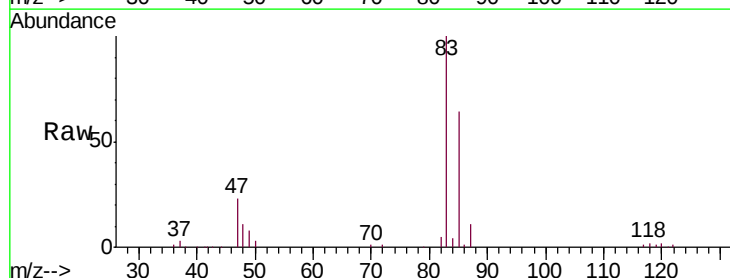
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

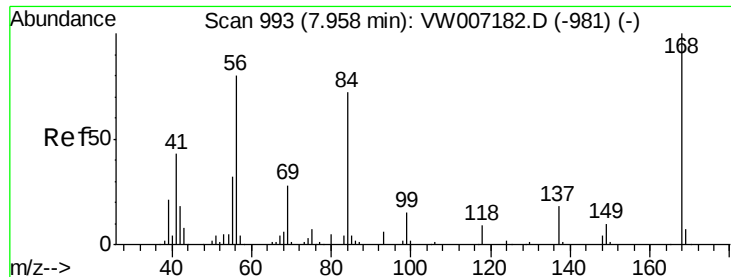
Tgt Ion: 42 Resp: 48990
Ion Ratio Lower Upper
42 100
72 45.8 36.6 55.0
71 43.5 34.8 52.2



#30
Chloroform
Concen: 49.448 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 83 Resp: 107189
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

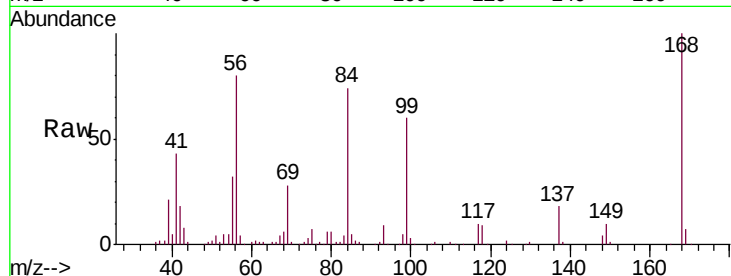




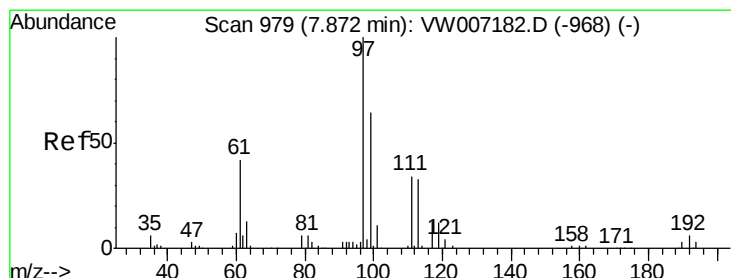
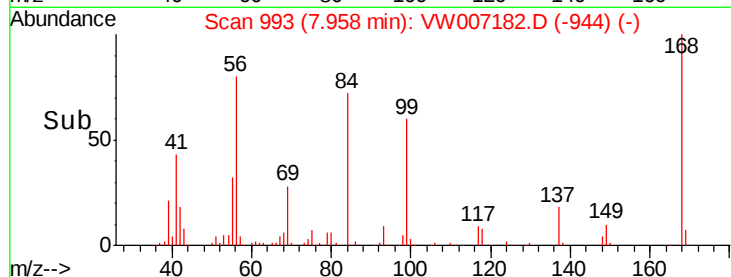
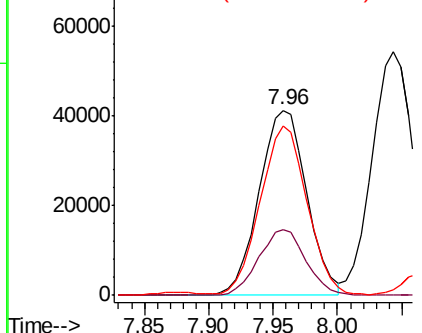
#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 105627
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 90.1 72.1 108.1

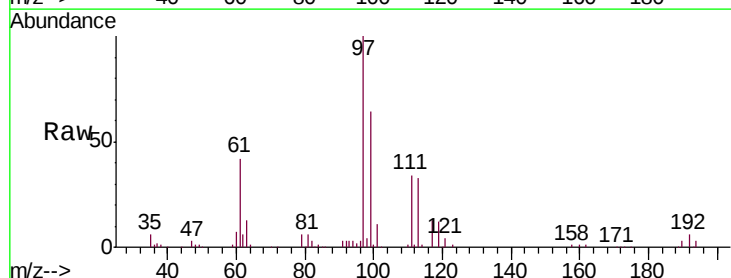


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

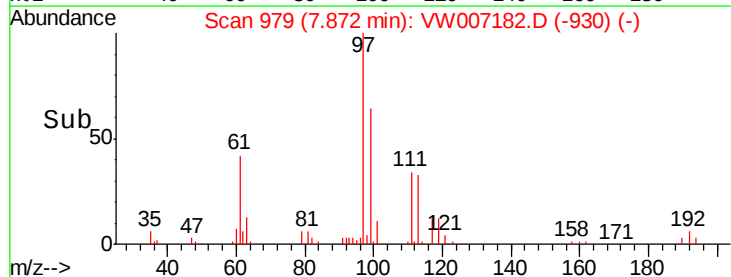
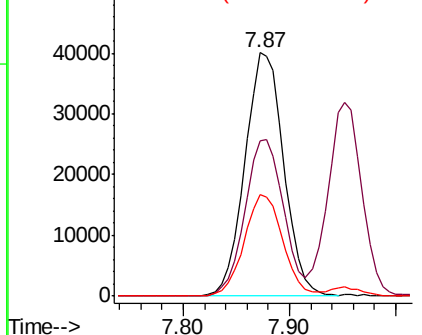


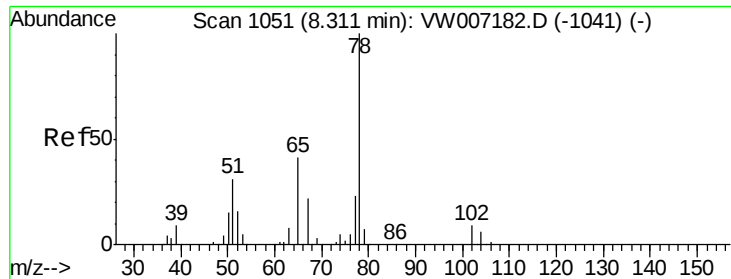
#32
1,1,1-Trichloroethane
Concen: 50.321 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 97 Resp: 102656
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.5 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

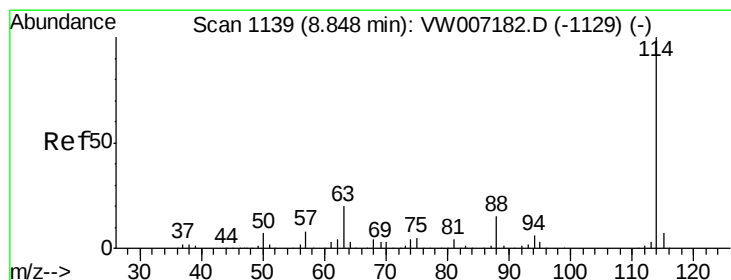
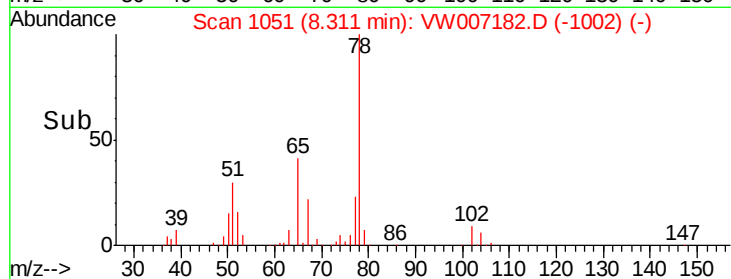
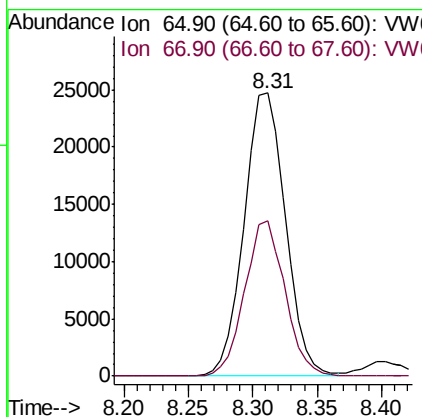
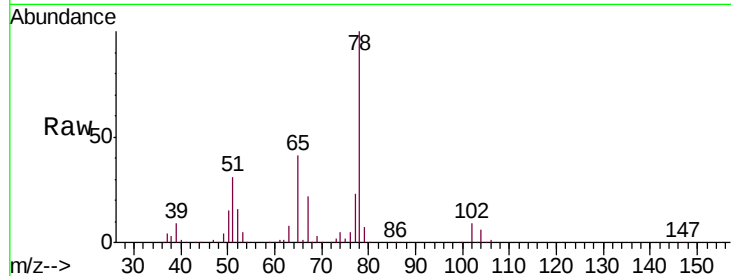




#33
 1,2-Dichloroethane-d4
 Concen: 50.077 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

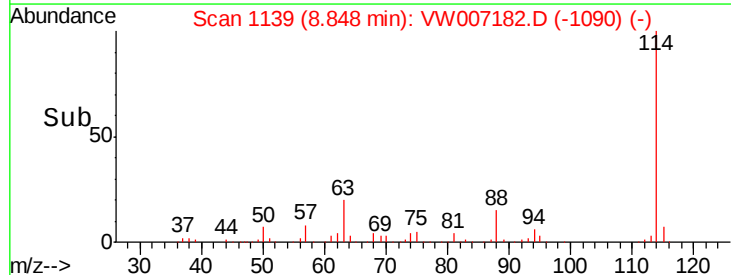
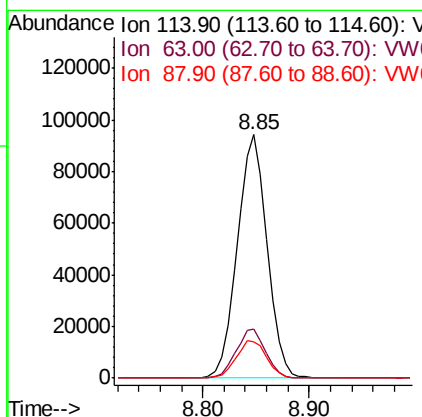
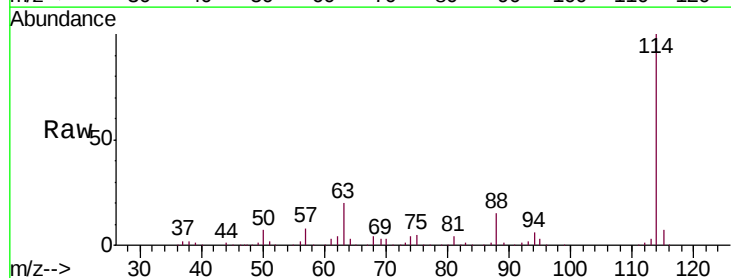
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

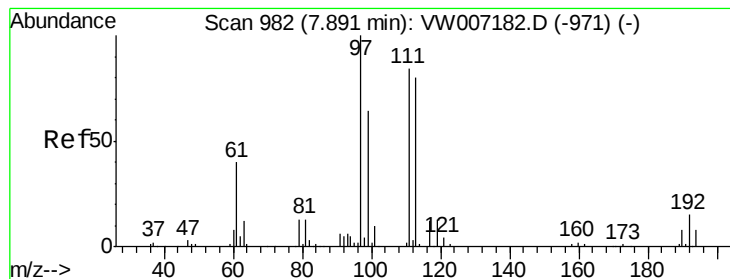
Tgt Ion: 65 Resp: 55072
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 114 Resp: 185176
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.726 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

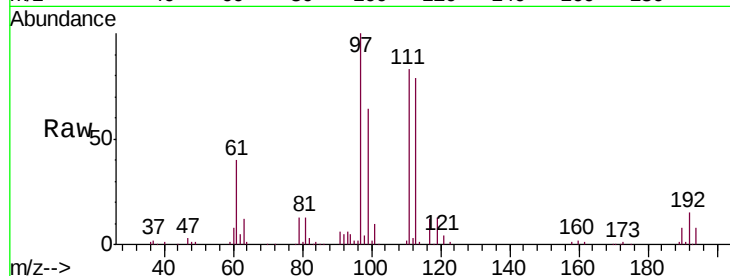
Tgt Ion:113 Resp: 53785

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

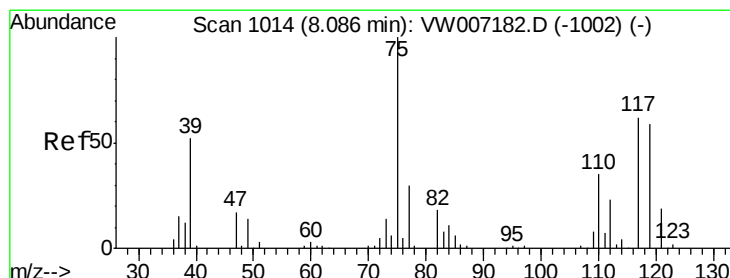
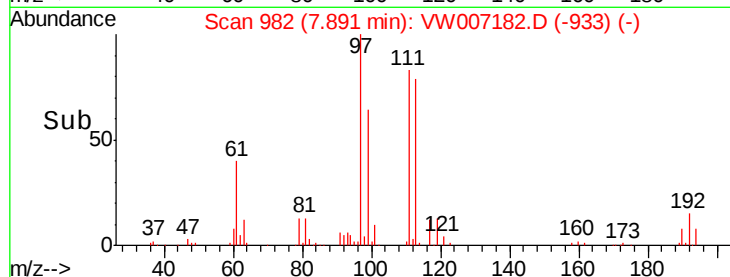
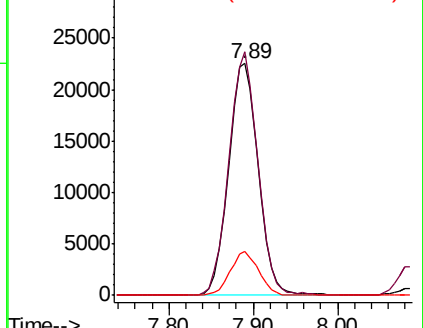
192 18.0 14.4 21.6



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: 51.272 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

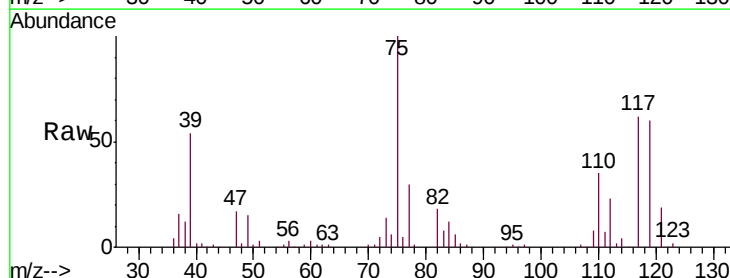
Tgt Ion: 75 Resp: 92381

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.9

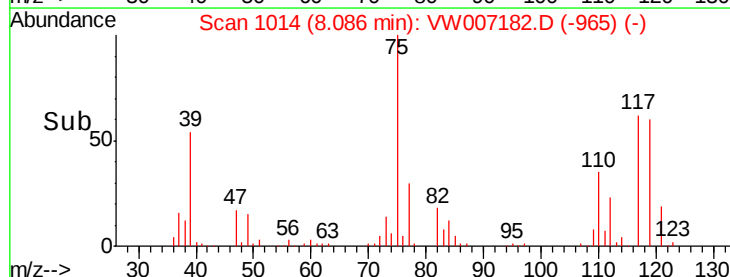
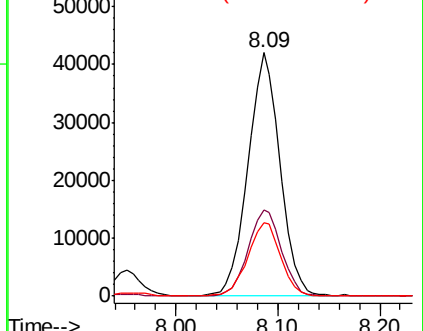
77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

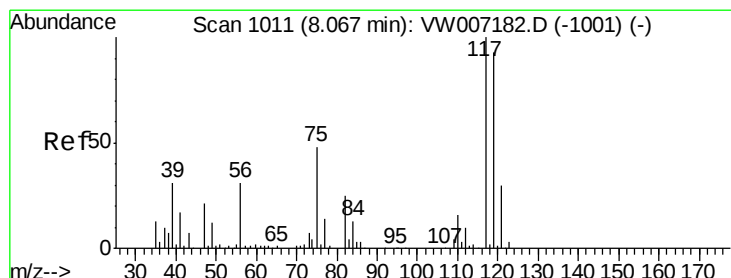
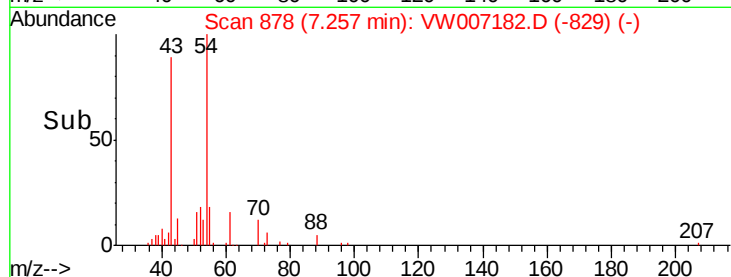
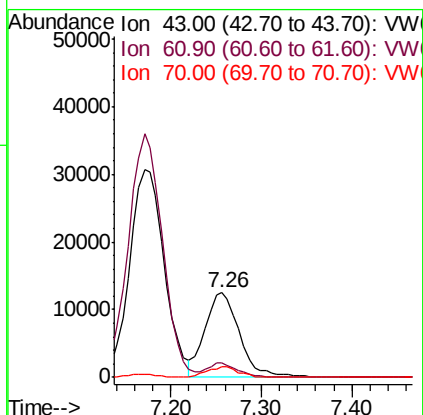
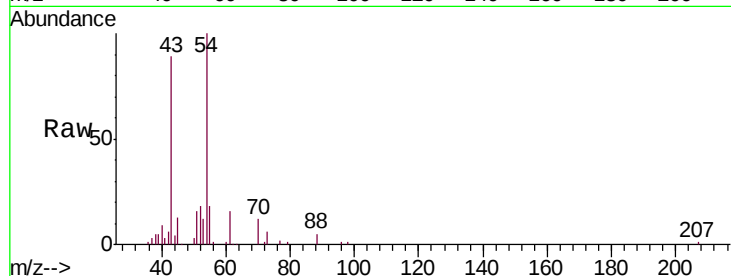




#37
Ethyl Acetate
Concen: 51.538 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

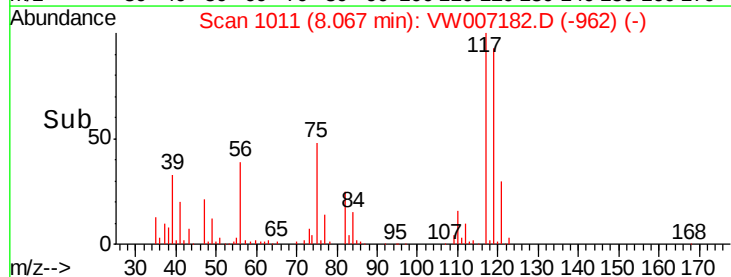
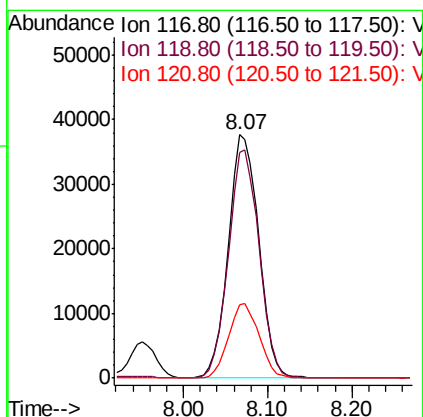
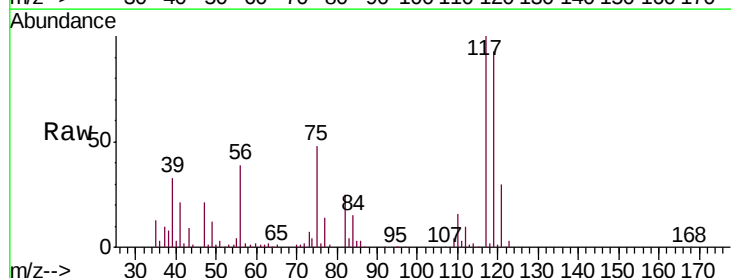
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

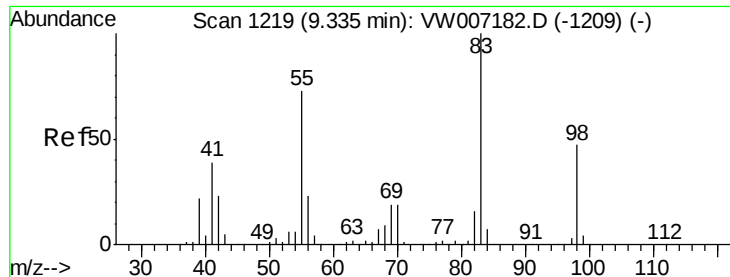
Tgt Ion: 43 Resp: 33590
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.209 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 117 Resp: 92337
Ion Ratio Lower Upper
117 100
119 92.6 74.1 111.1
121 29.9 23.9 35.9

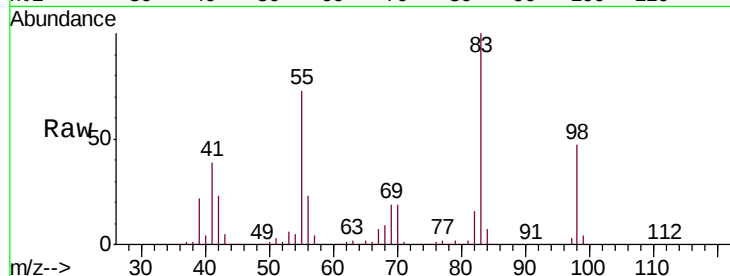




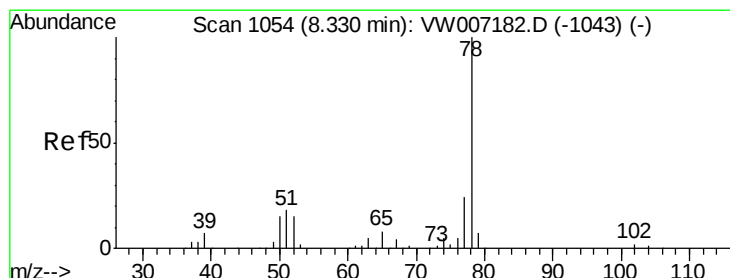
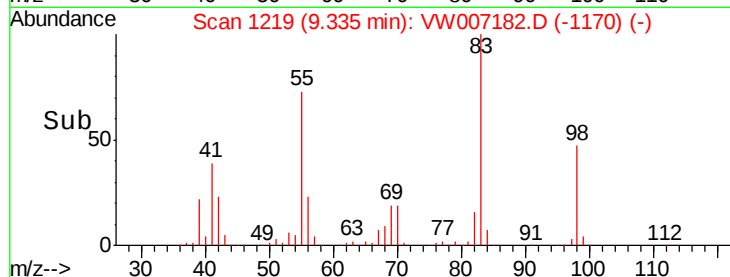
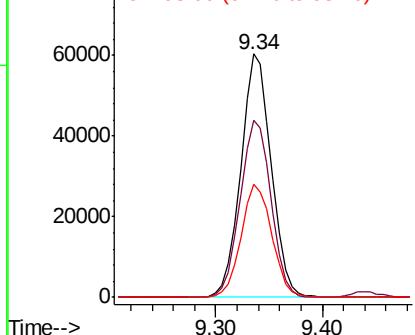
#39
Methylcyclohexane
Concen: 50.163 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 120993
Ion Ratio Lower Upper
83 100
55 72.6 58.1 87.1
98 46.6 37.3 55.9

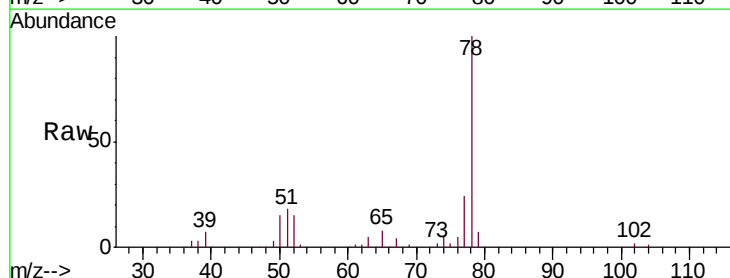


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

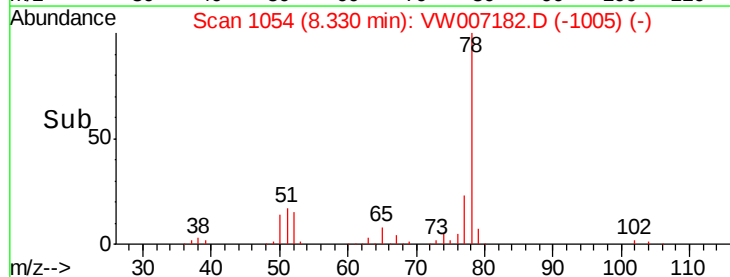
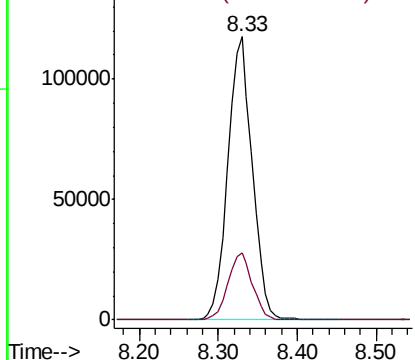


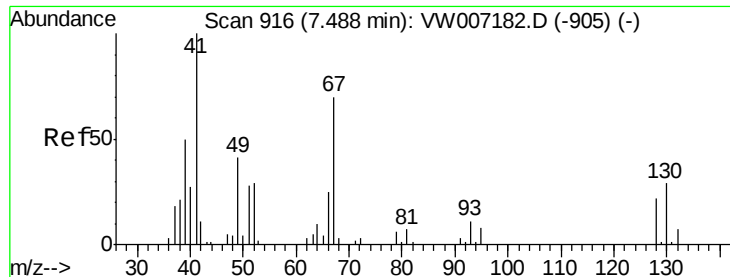
#40
Benzene
Concen: 51.161 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 78 Resp: 252776
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



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

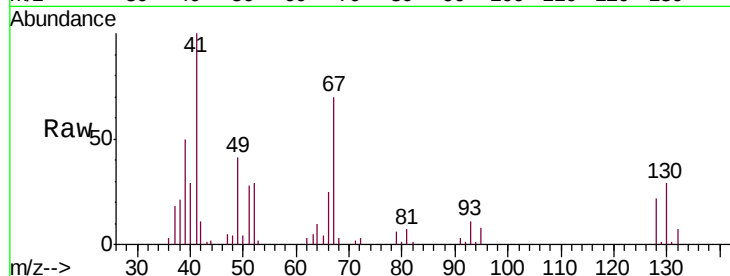




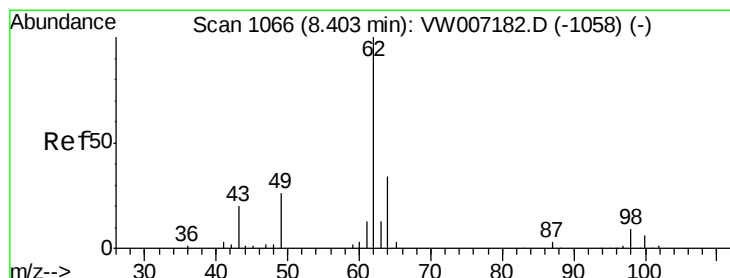
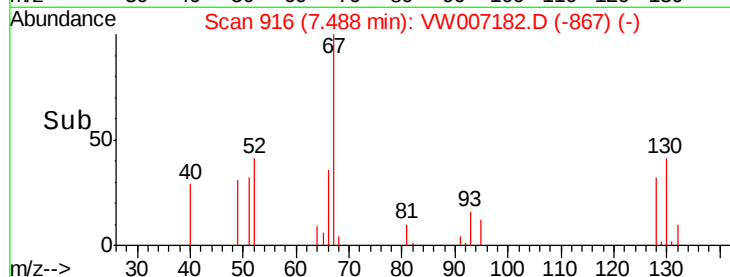
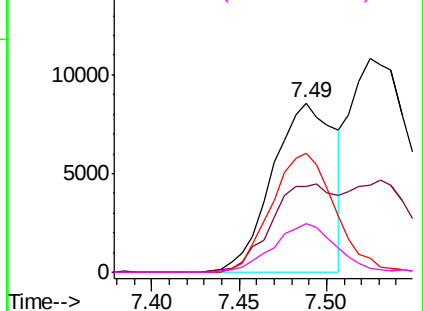
#41
Methacrylonitrile
Concen: 54.656 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	21337
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.4	65.0
67	71.7	57.4	86.0
52	29.1	23.3	34.9

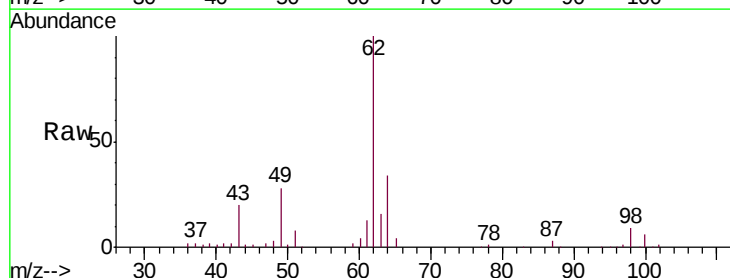


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

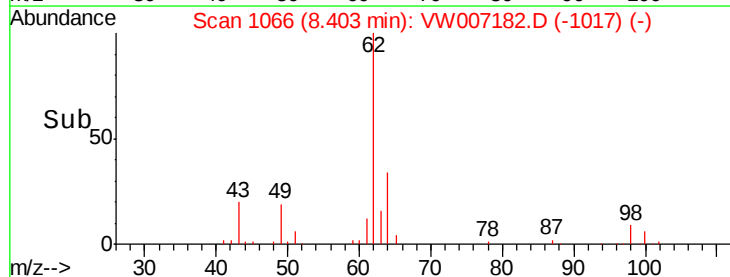
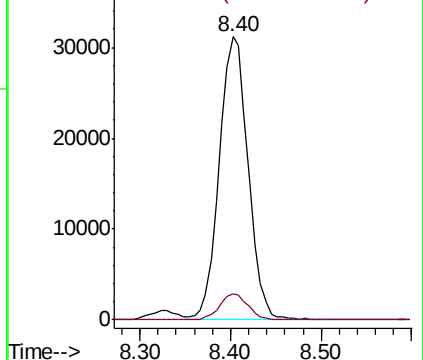


#42
1,2-Dichloroethane
Concen: 50.074 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:	62	Resp:	69144
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 52.844 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

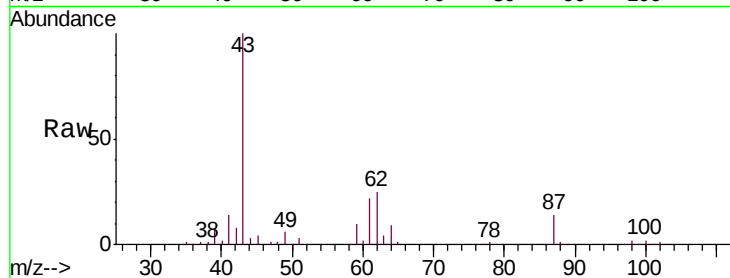
Tgt Ion: 43 Resp: 66892

Ion Ratio Lower Upper

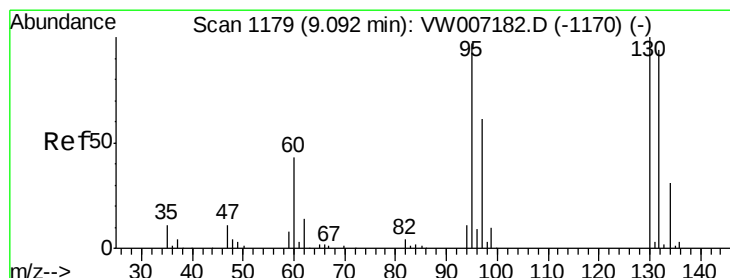
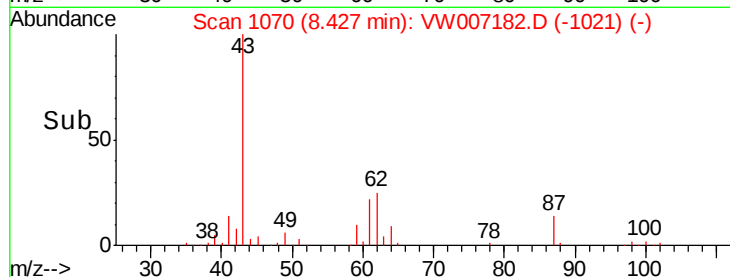
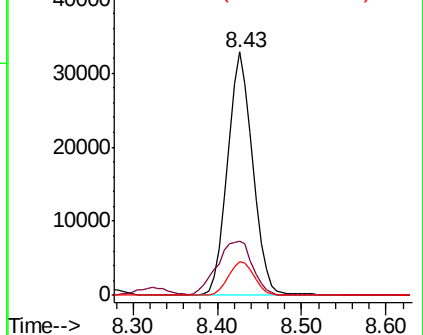
43 100

61 31.7 25.4 38.0

87 14.2 11.4 17.0



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: 51.763 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007182.D

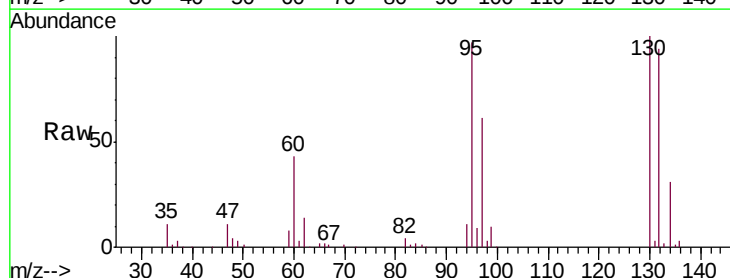
Acq: 04 Dec 2018 12:29

Tgt Ion: 130 Resp: 71889

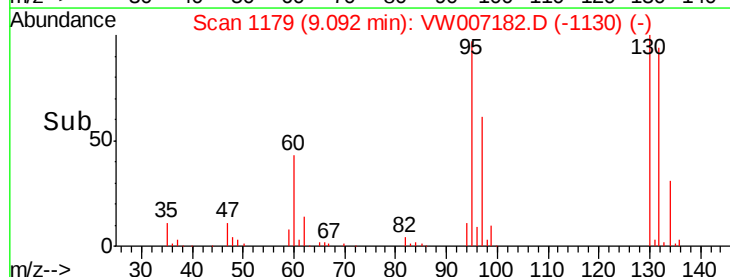
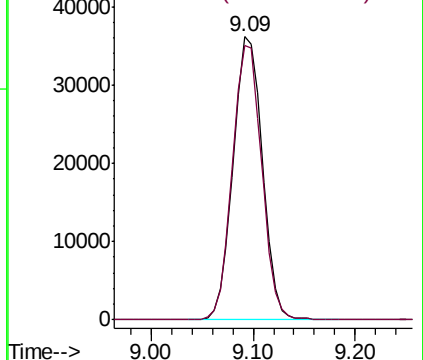
Ion Ratio Lower Upper

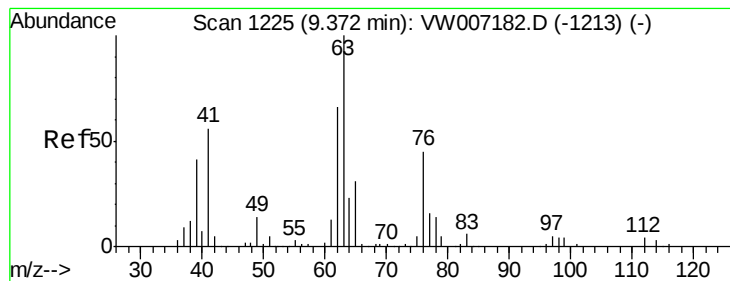
130 100

95 97.0 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.831 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

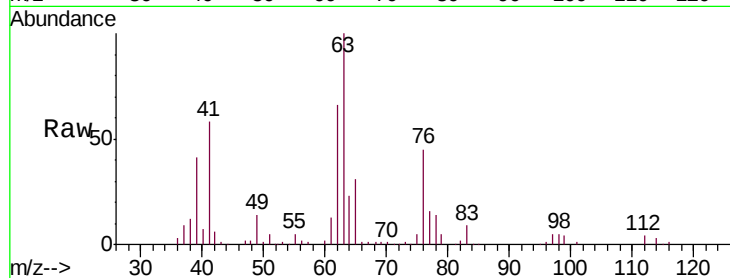
VSTDICCC050

Tgt Ion: 63 Resp: 58443

Ion Ratio Lower Upper

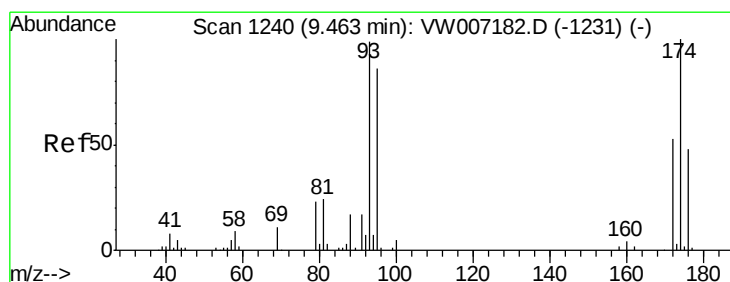
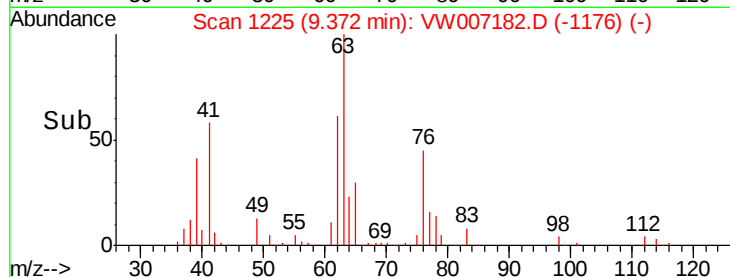
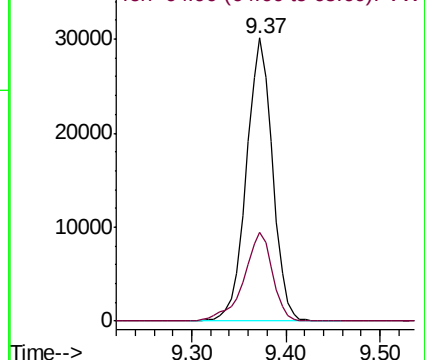
63 100

65 31.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.536 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

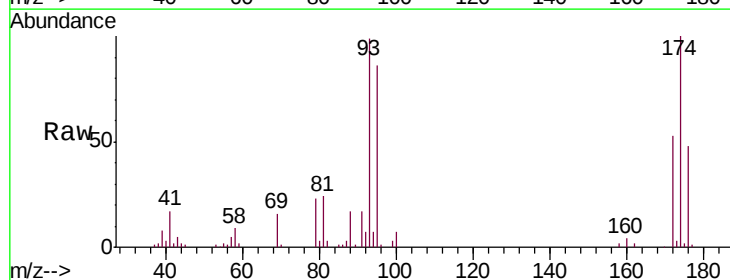
Tgt Ion: 93 Resp: 29595

Ion Ratio Lower Upper

93 100

95 85.9 68.7 103.1

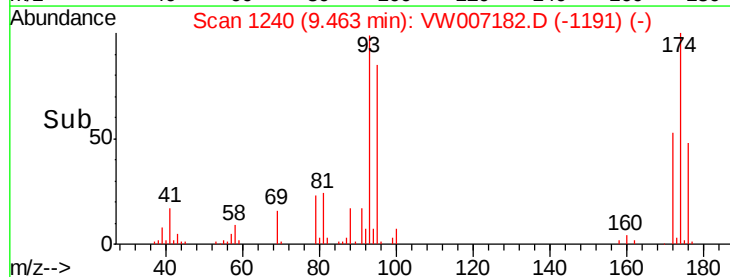
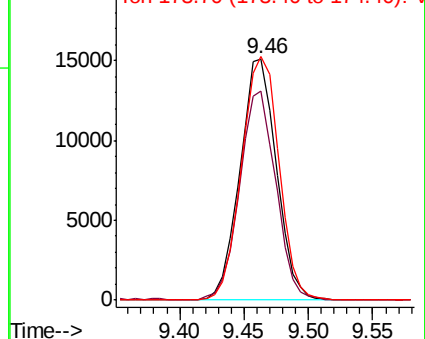
174 103.6 82.9 124.3

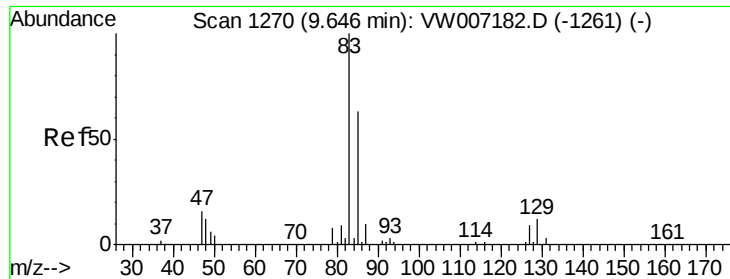


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.878 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

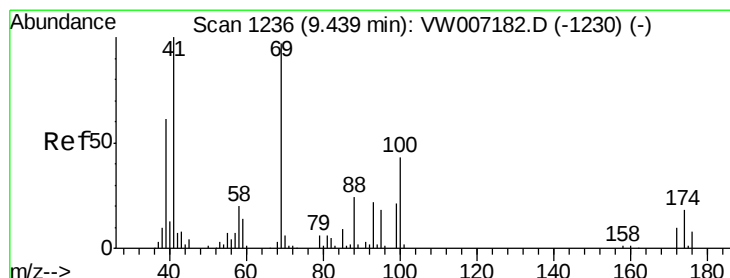
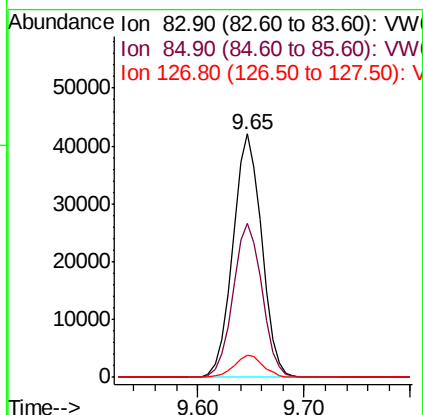
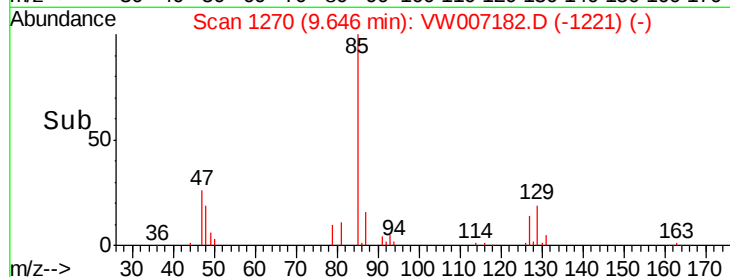
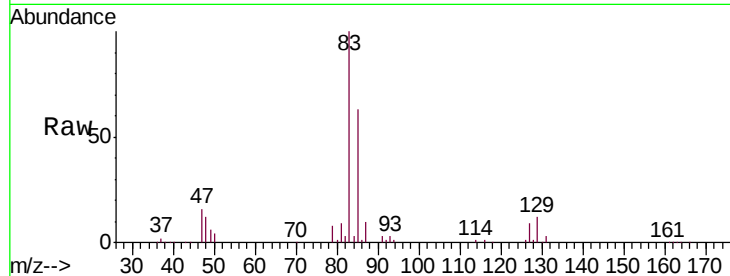
Tgt Ion: 83 Resp: 79956

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

127 9.1 7.3 10.9



#48

Methyl methacrylate

Concen: 55.341 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

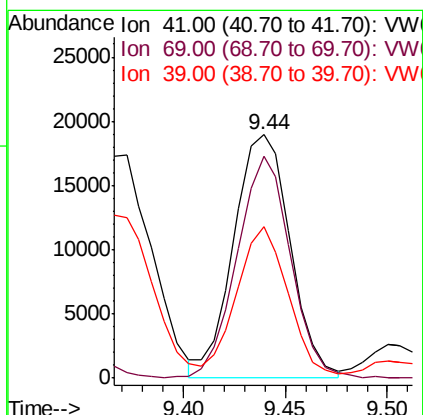
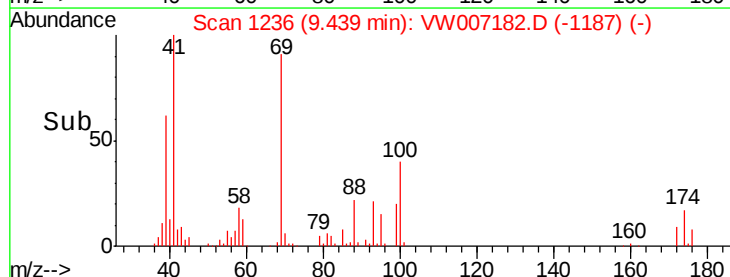
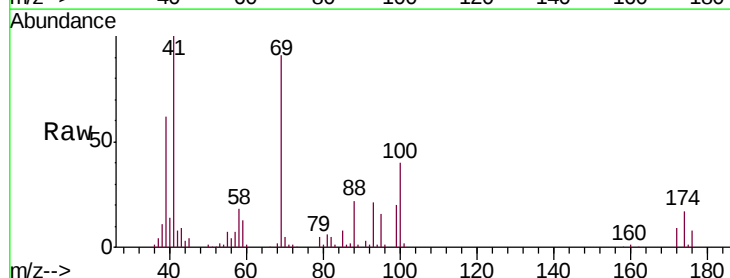
Tgt Ion: 41 Resp: 36358

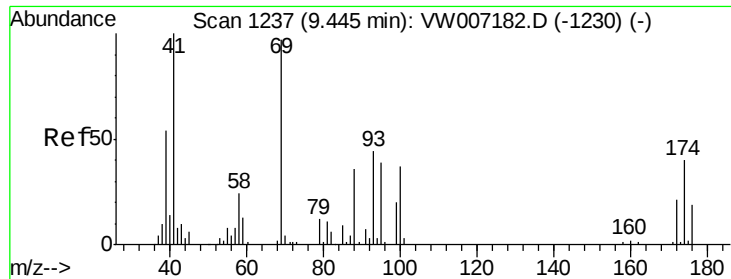
Ion Ratio Lower Upper

41 100

69 87.0 69.6 104.4

39 53.0 42.4 63.6

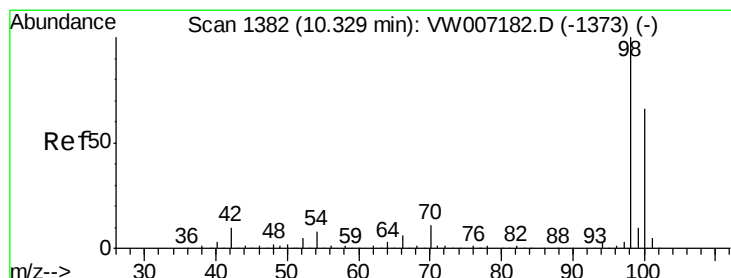
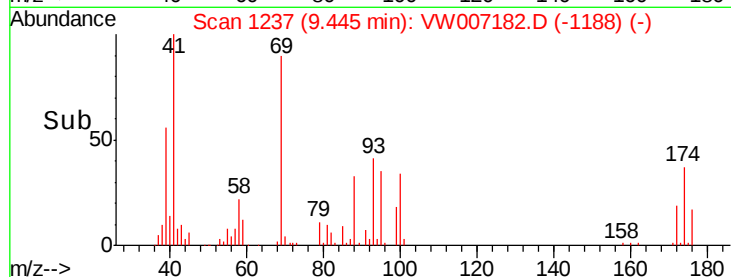
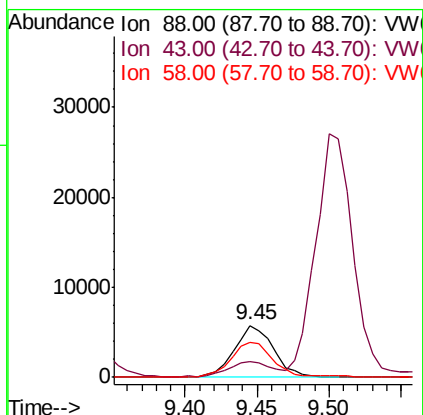
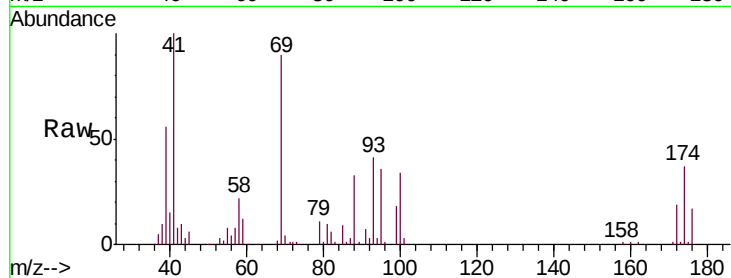




#49
1,4-Dioxane
Concen: 1037.299 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

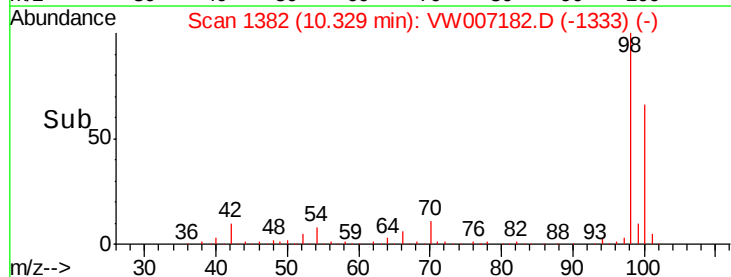
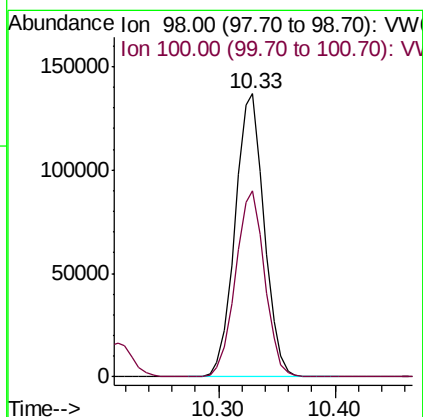
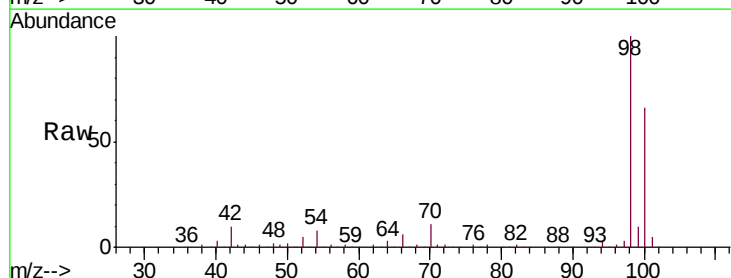
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

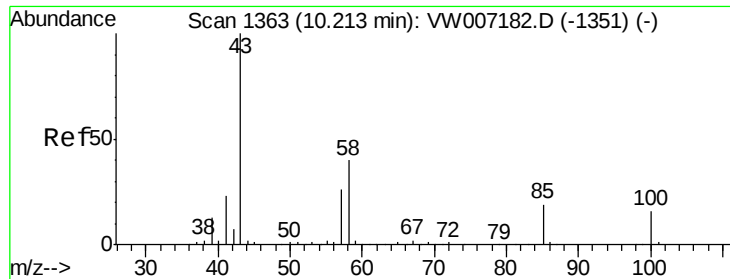
Tgt Ion: 88 Resp: 10826
Ion Ratio Lower Upper
88 100
43 32.3 25.8 38.8
58 73.6 58.9 88.3



#50
Toluene-d8
Concen: 51.038 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 98 Resp: 238382
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

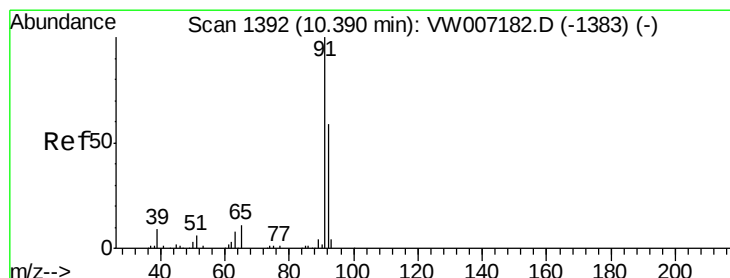
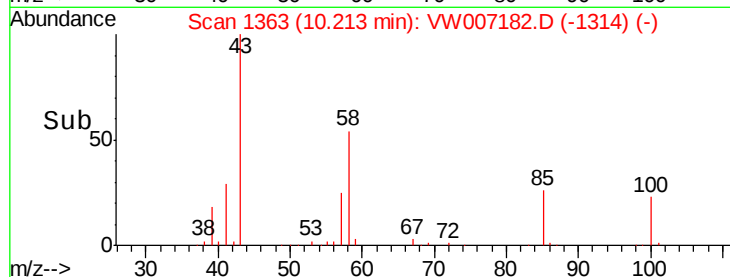
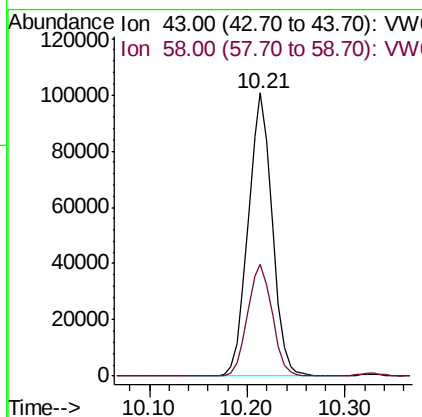
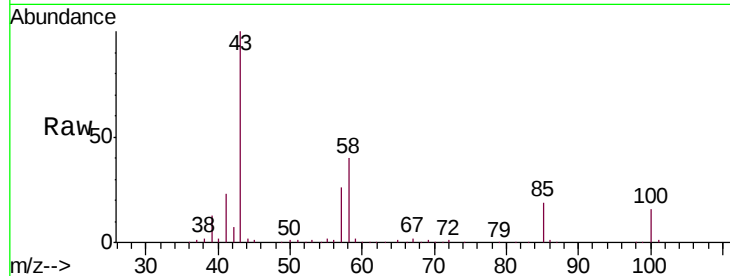




#51
 4-Methyl-2-Pentanone
 Concen: 274.679 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

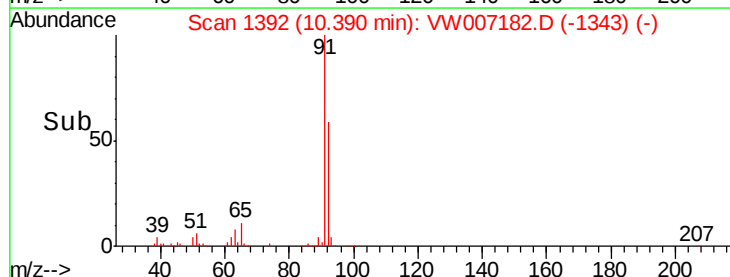
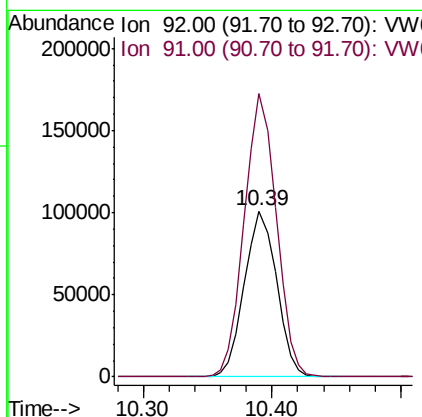
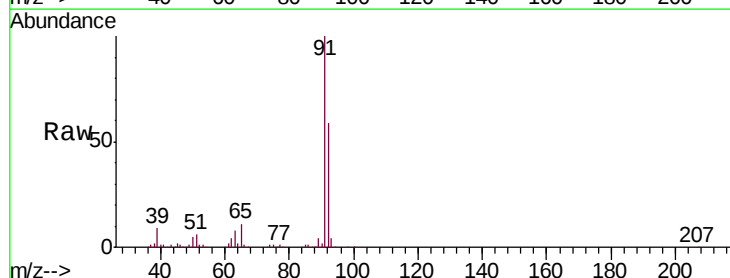
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

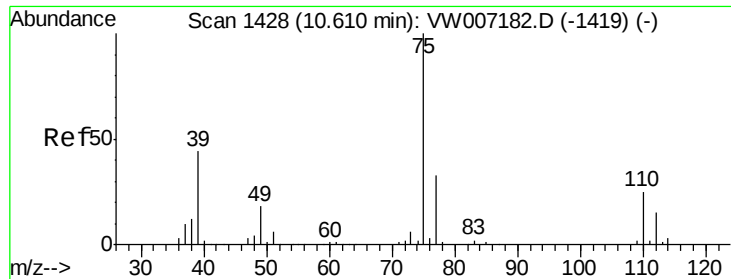
Tgt Ion: 43 Resp: 171347
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.3 48.5



#52
 Toluene
 Concen: 50.889 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 92 Resp: 174899
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.0 204.0

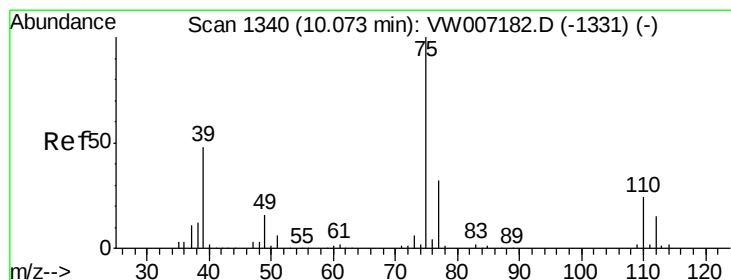
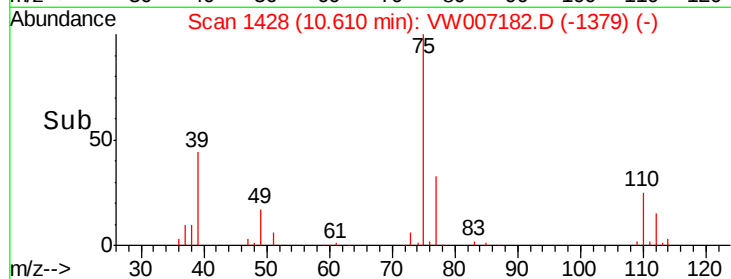
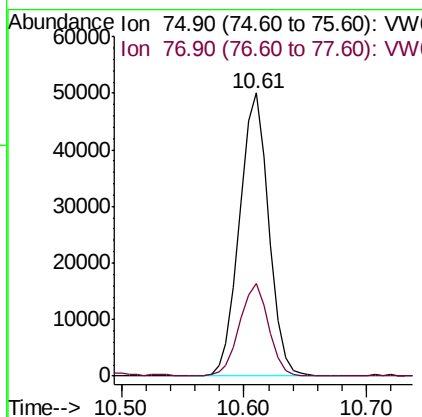
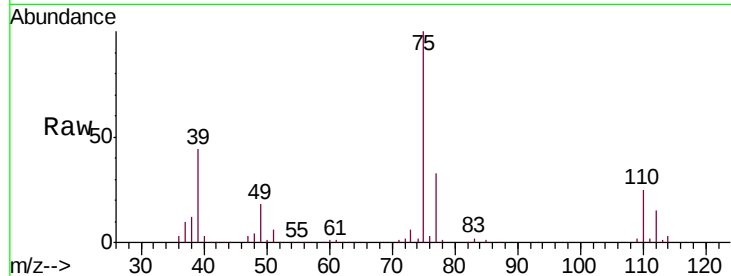




#53
t-1,3-Dichloropropene
Concen: 52.455 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

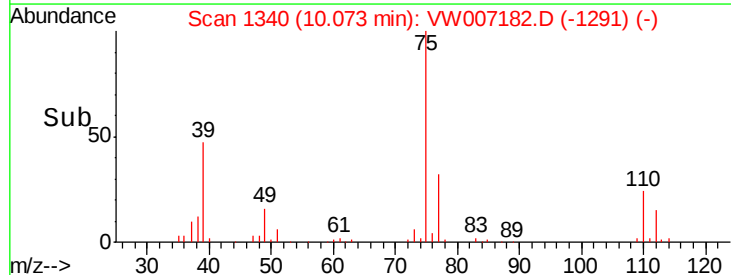
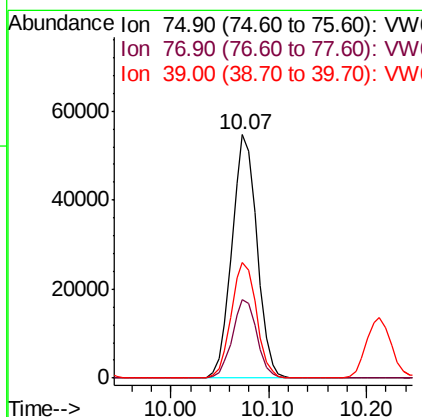
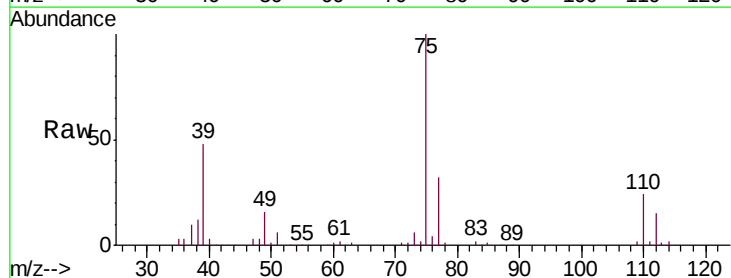
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

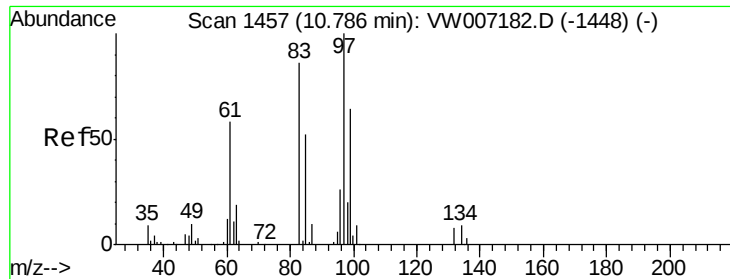
Tgt Ion: 75 Resp: 82879
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 52.677 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 75 Resp: 97539
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 47.5 38.0 57.0

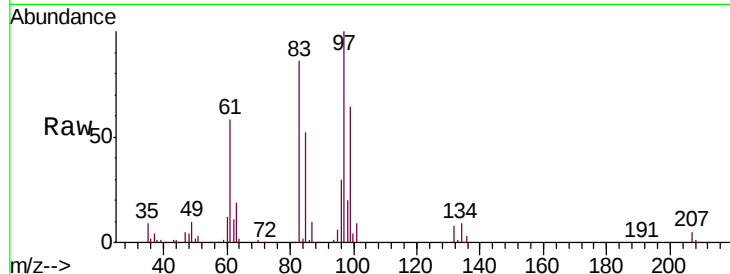




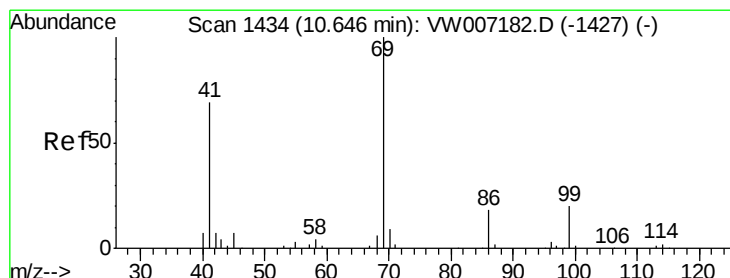
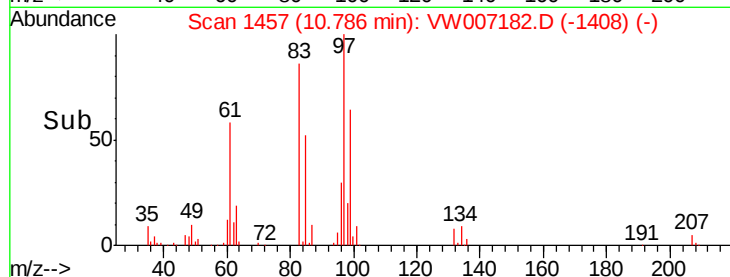
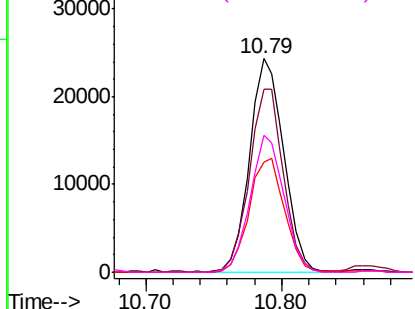
#55
 1,1,2-Trichloroethane
 Concen: 50.585 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 42988
 Ion Ratio Lower Upper
 97 100
 83 85.7 68.6 102.8
 85 51.8 41.4 62.2
 99 64.0 51.2 76.8

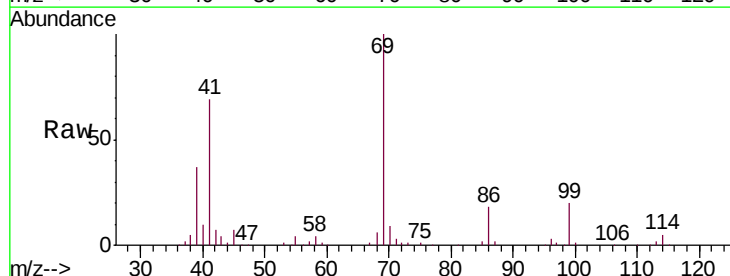


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

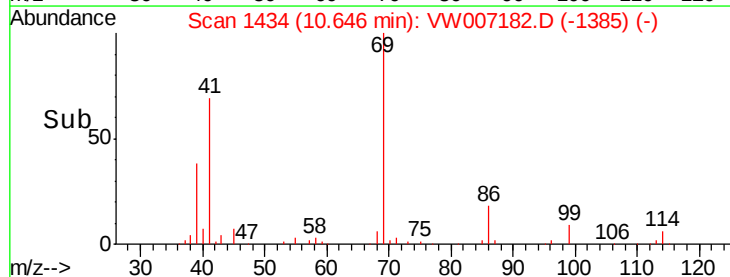
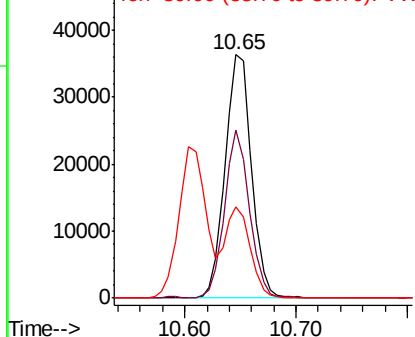


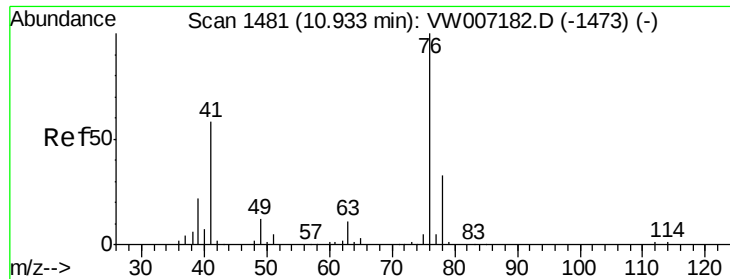
#56
 Ethyl methacrylate
 Concen: 53.711 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 69 Resp: 59540
 Ion Ratio Lower Upper
 69 100
 41 64.7 51.8 77.6
 39 35.9 28.7 43.1



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

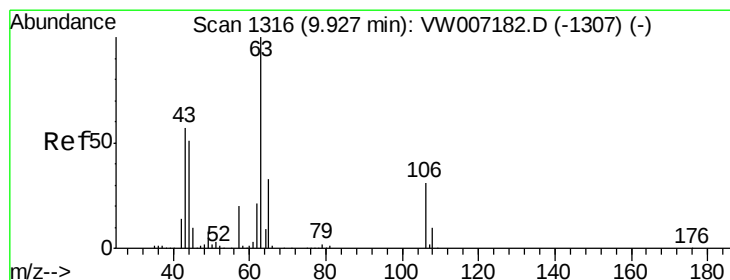
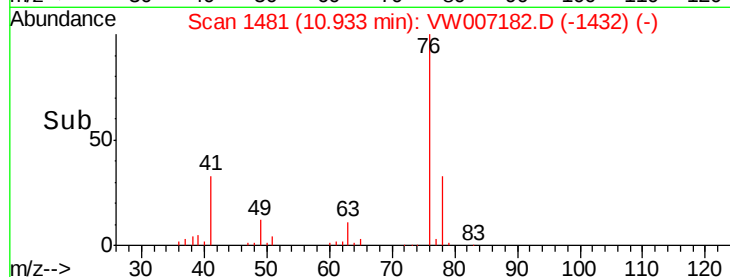
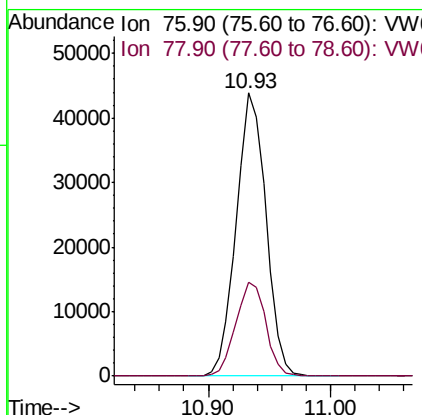
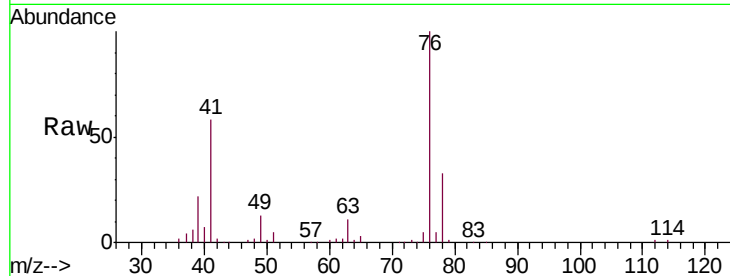




#57
 1,3-Dichloropropane
 Concen: 51.542 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

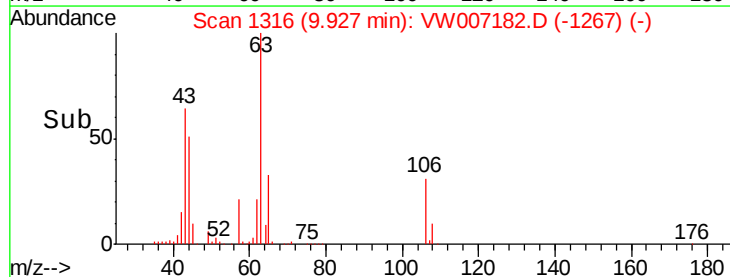
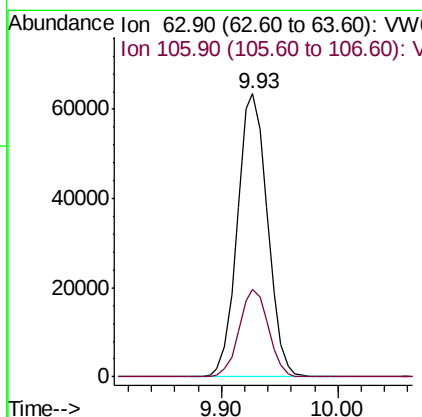
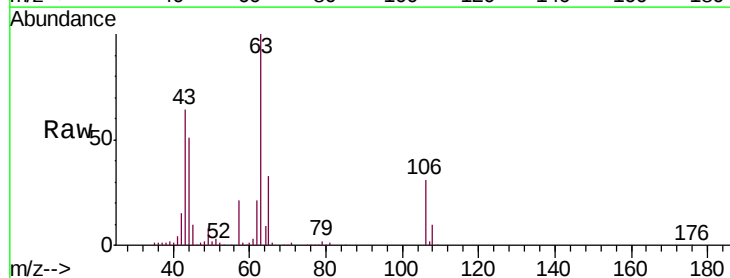
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

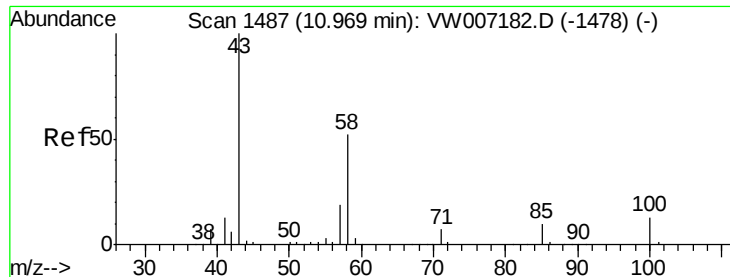
Tgt Ion: 76 Resp: 73949
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.009 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 63 Resp: 114435
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.1 36.1

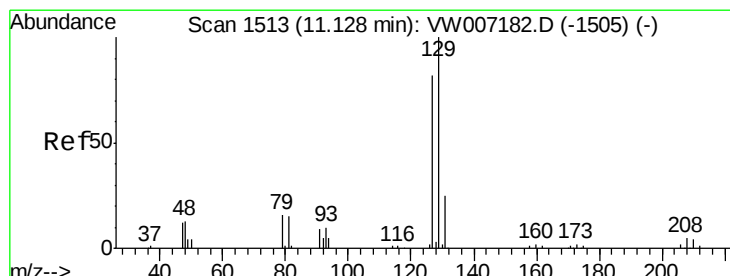
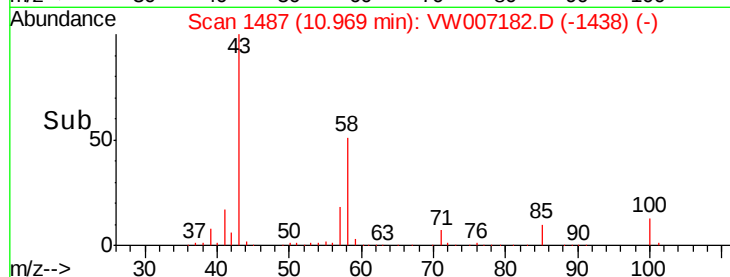
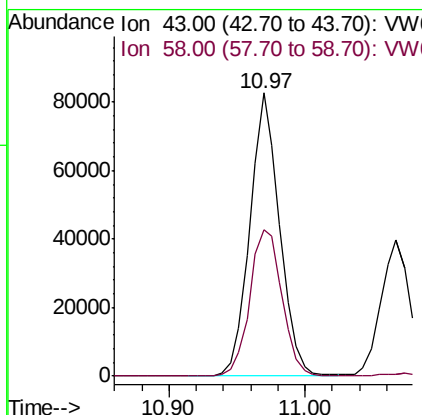
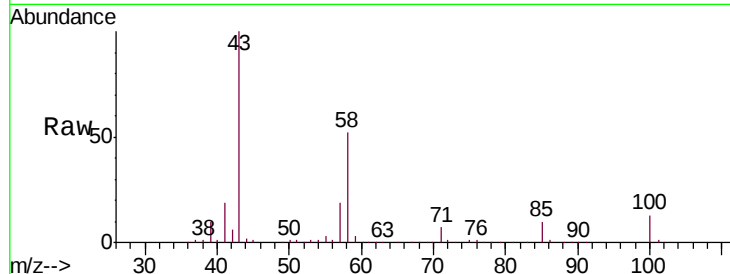




#59
2-Hexanone
Concen: 279.119 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

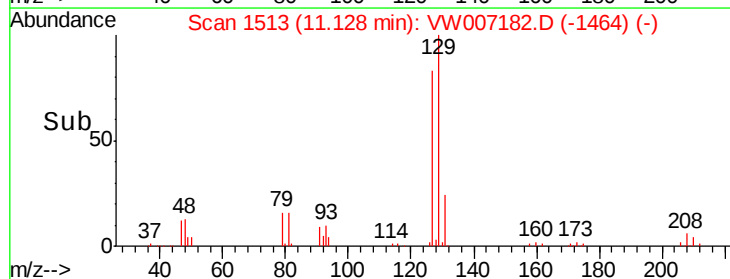
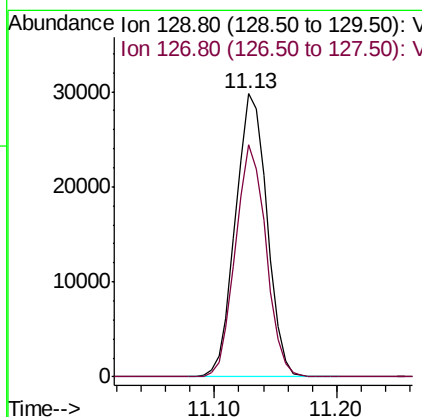
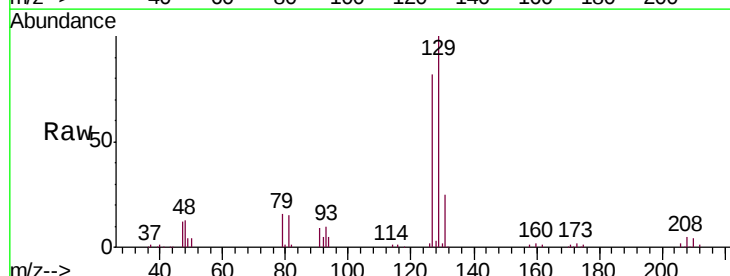
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

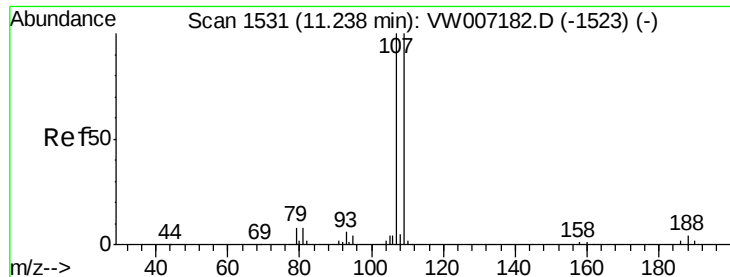
Tgt Ion: 43 Resp: 126220
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4



#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 129 Resp: 53266
Ion Ratio Lower Upper
129 100
127 79.6 39.8 119.4





#61

1,2-Dibromoethane

Concen: 52.595 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

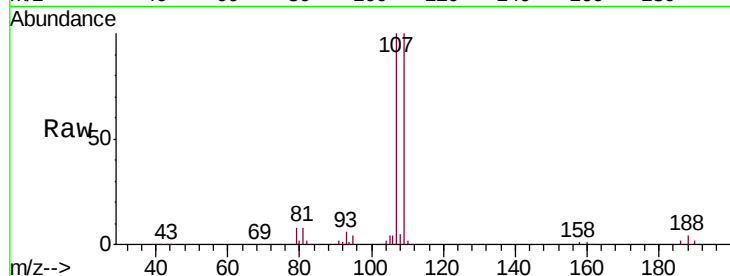
VSTDICCC050

Tgt Ion: 107 Resp: 42870

Ion Ratio Lower Upper

107 100

109 96.6 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

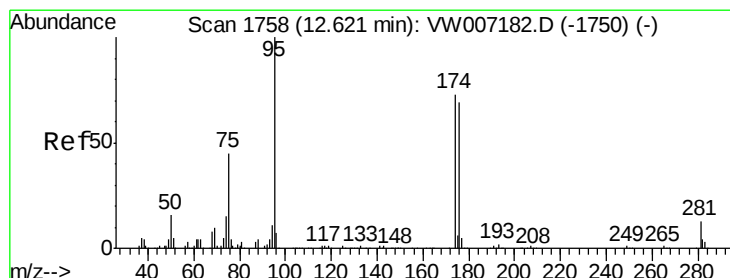
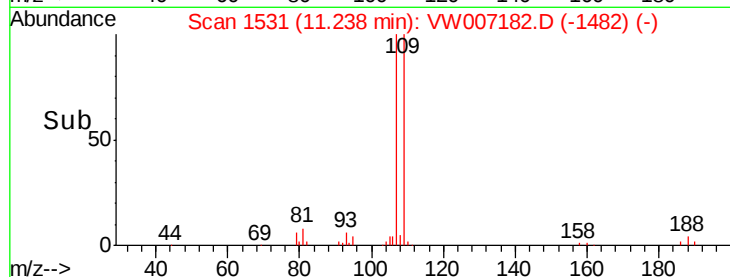
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 51.573 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

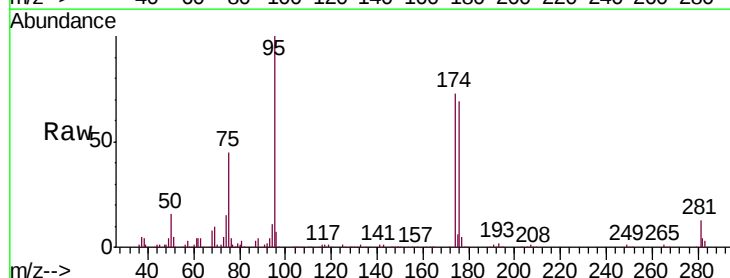
Tgt Ion: 95 Resp: 90919

Ion Ratio Lower Upper

95 100

174 74.0 0.0 148.0

176 69.7 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

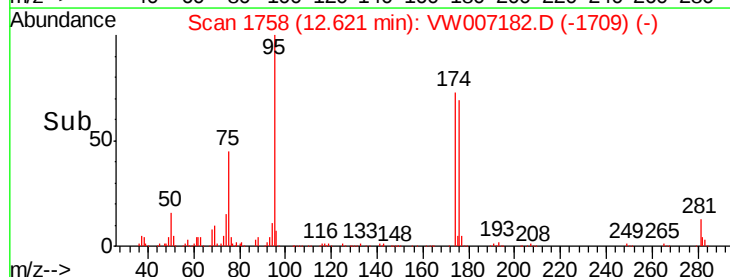
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70

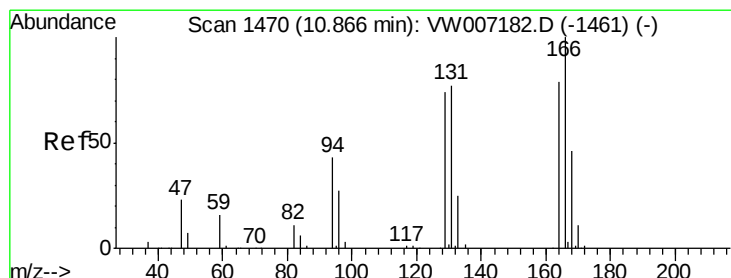
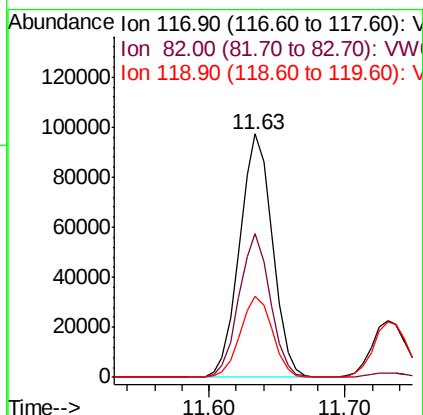
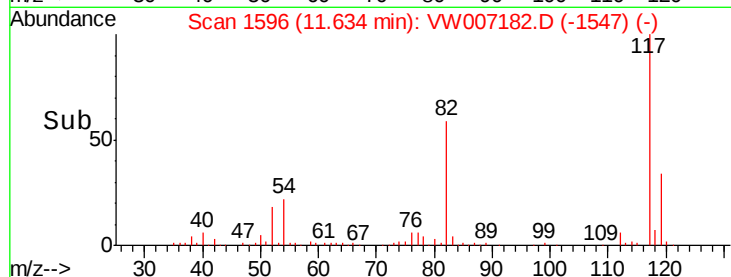
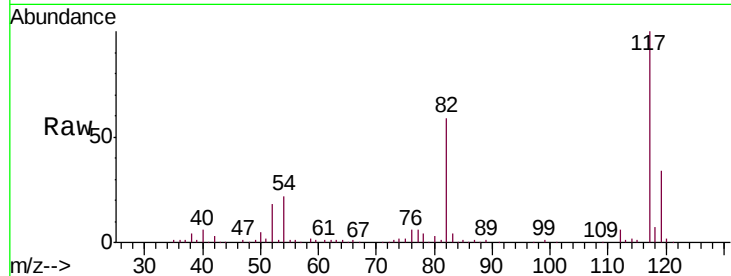




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

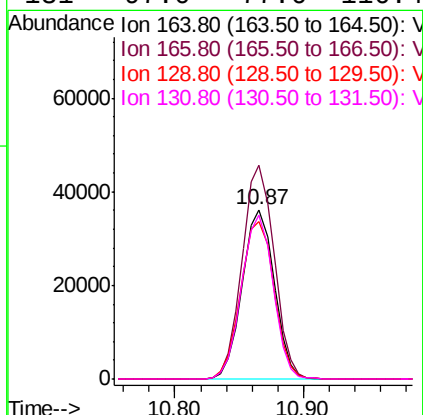
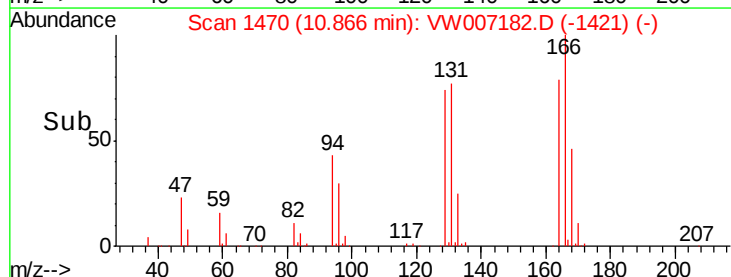
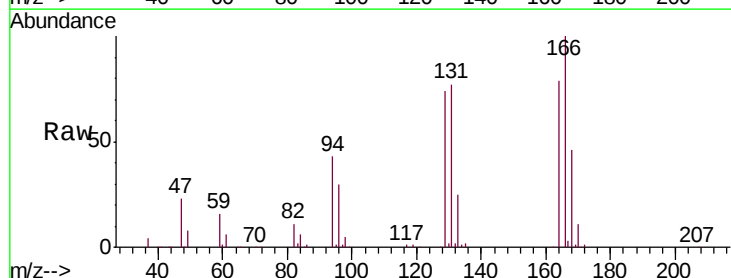
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

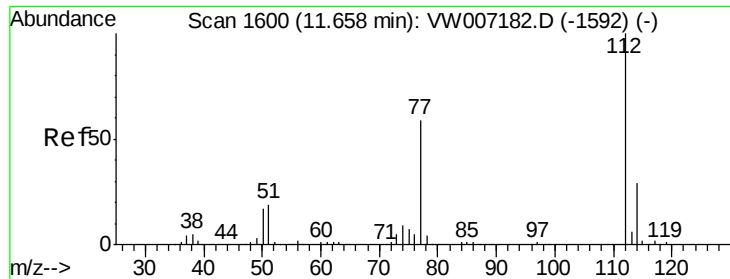
Tgt Ion:117 Resp: 164038
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 33.5 26.8 40.2



#64
Tetrachloroethene
Concen: 51.962 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:164 Resp: 62276
Ion Ratio Lower Upper
164 100
166 126.2 101.0 151.4
129 93.2 74.6 111.8
131 97.0 77.6 116.4

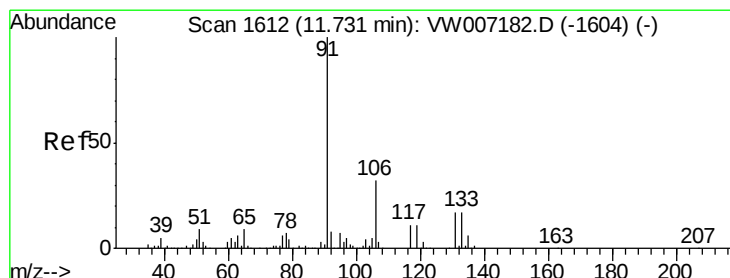
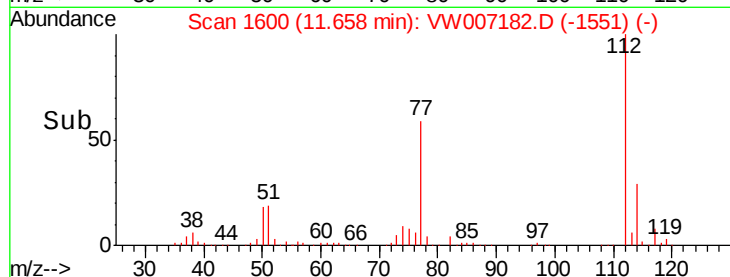
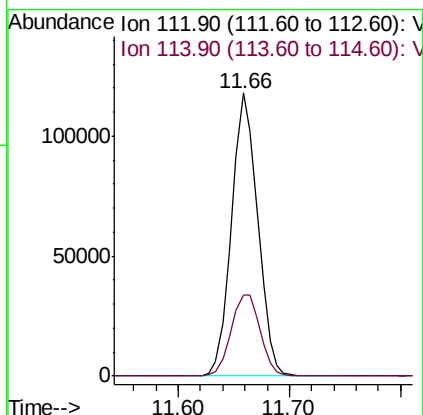
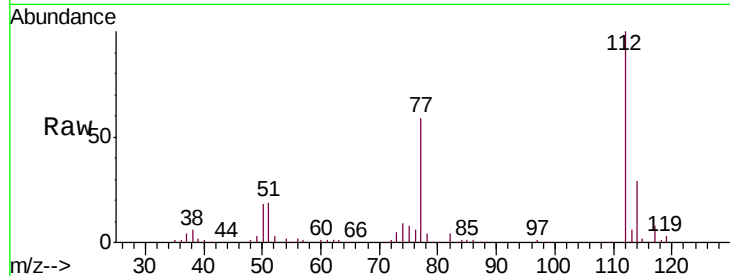




#65
Chlorobenzene
Concen: 52.376 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

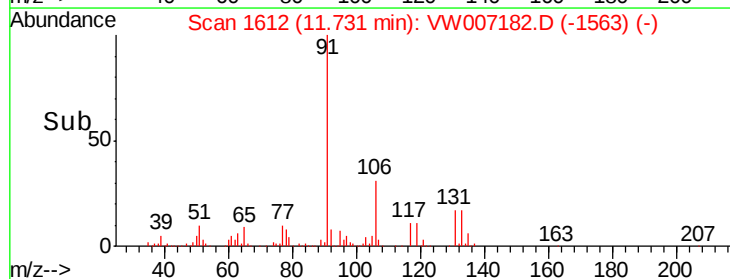
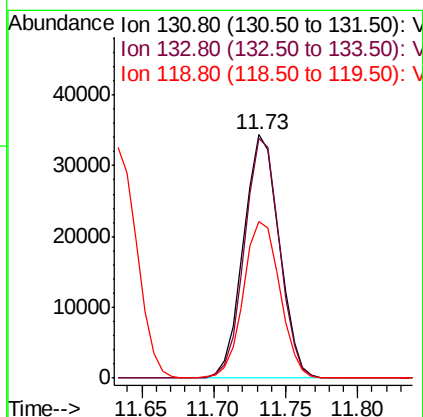
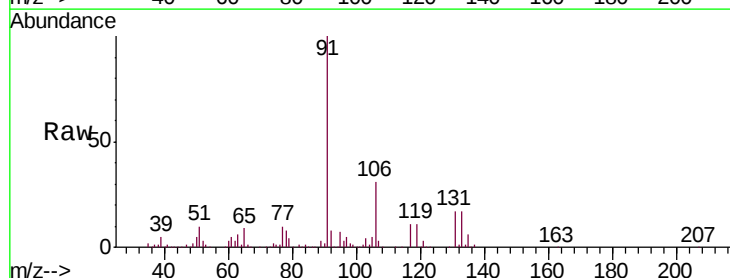
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 191884
Ion Ratio Lower Upper
112 100
114 28.7 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.199 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:131 Resp: 59060
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.6 32.8 98.4

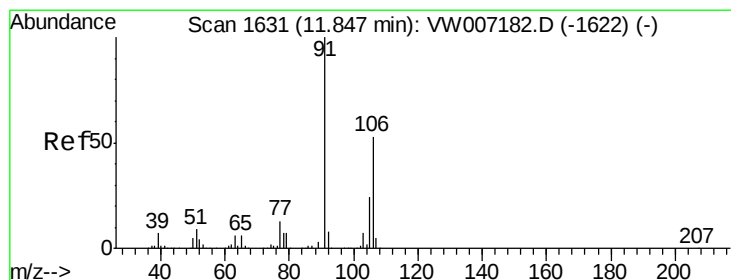
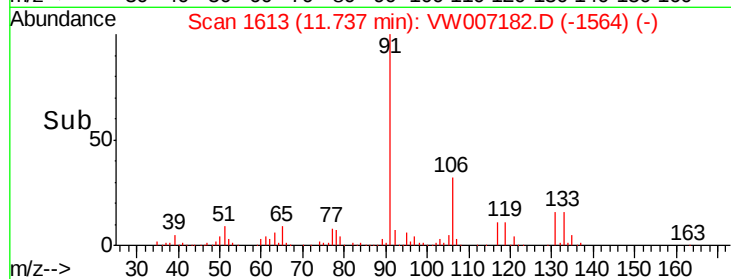
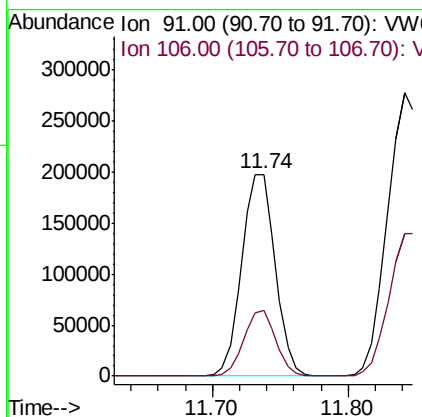
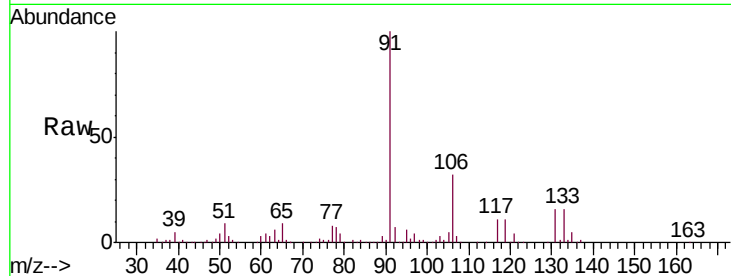




#67
Ethyl Benzene
Concen: 51.055 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

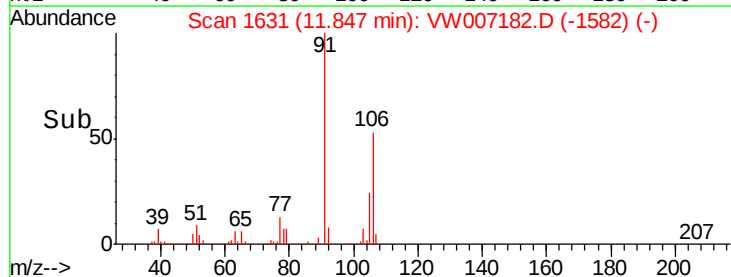
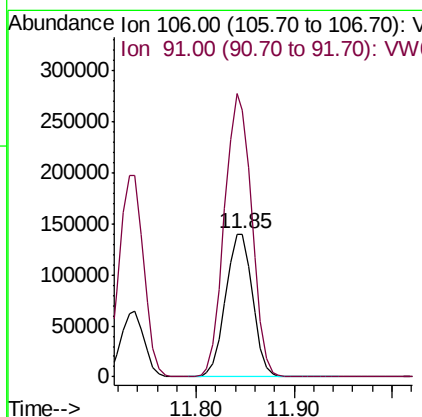
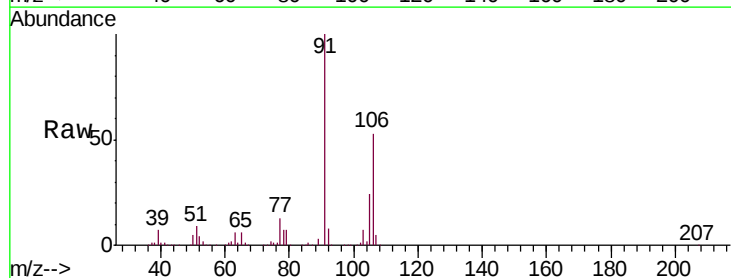
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 340906
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0



#68
m/p-Xylenes
Concen: 102.475 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 106 Resp: 268433
Ion Ratio Lower Upper
106 100
91 200.3 160.2 240.4

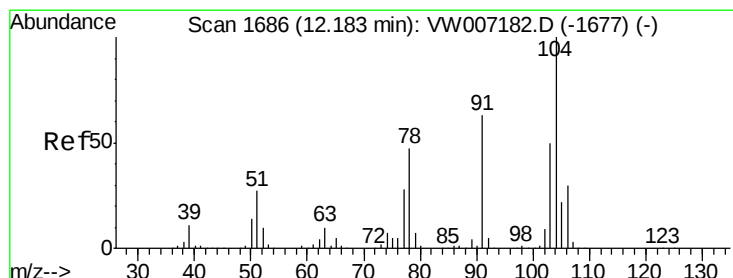
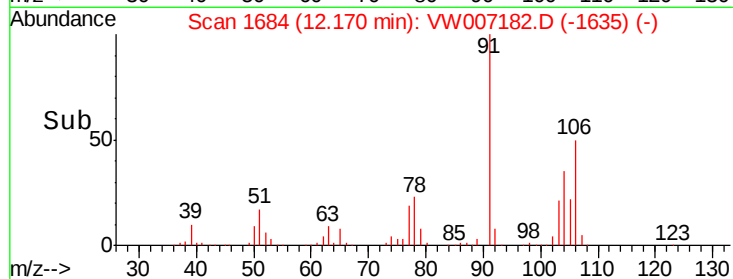
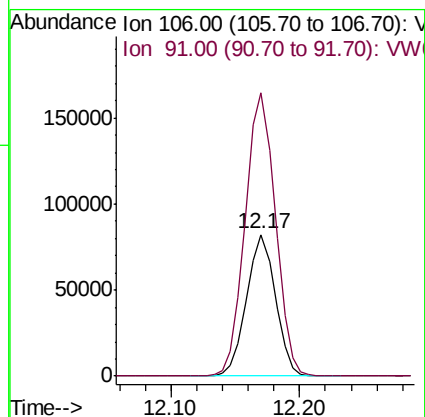
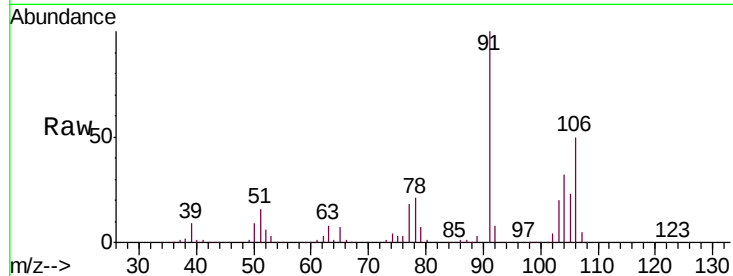




#69
o-Xylene
Concen: 51.851 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

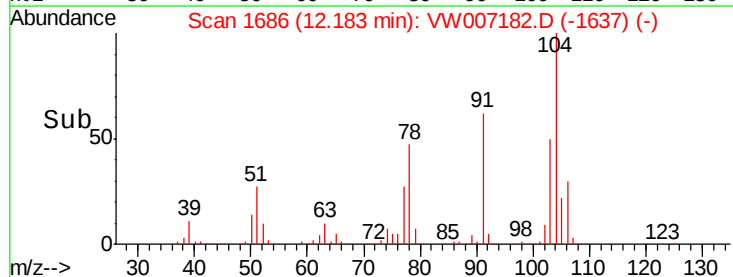
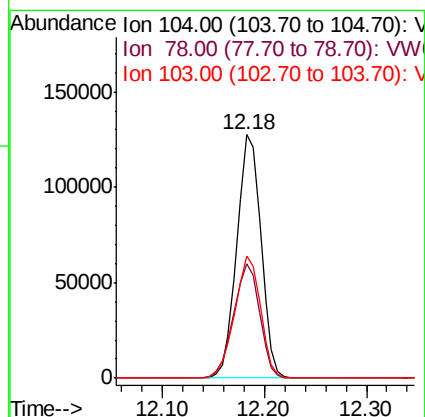
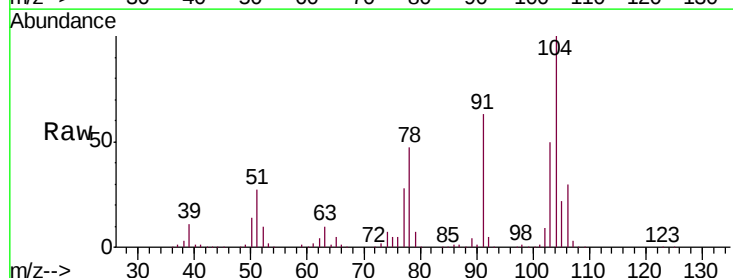
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

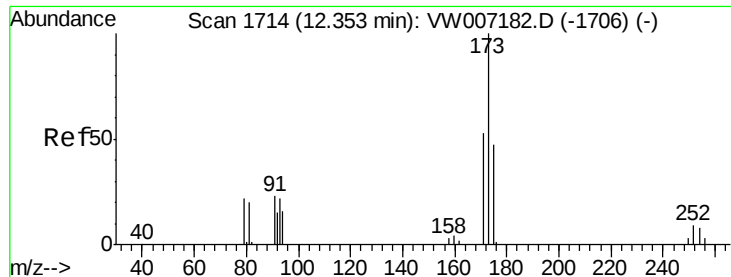
Tgt Ion:106 Resp: 126900
Ion Ratio Lower Upper
106 100
91 209.8 104.9 314.7



#70
Styrene
Concen: 52.025 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:104 Resp: 208427
Ion Ratio Lower Upper
104 100
78 50.7 40.6 60.8
103 53.7 43.0 64.4

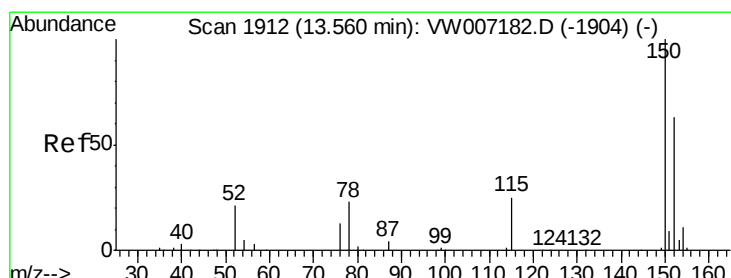
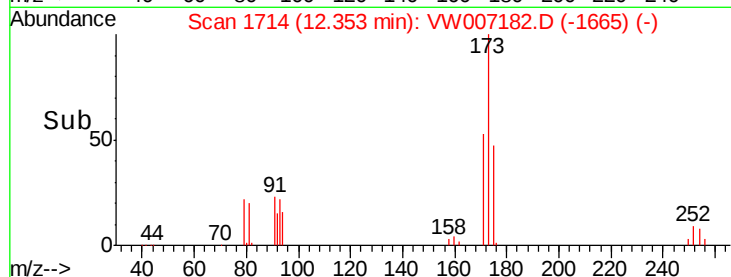
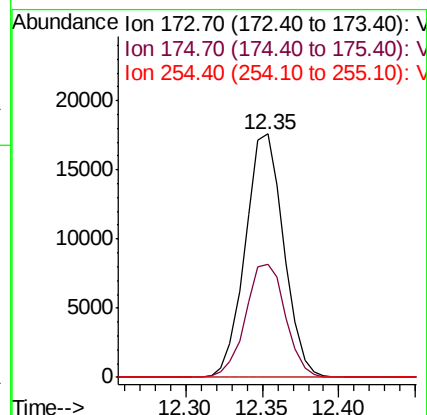
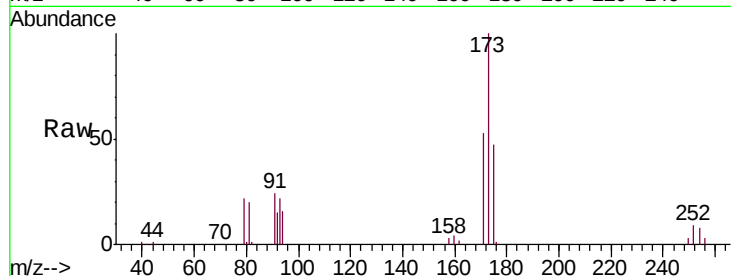




#71
Bromoform
Concen: 54.252 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

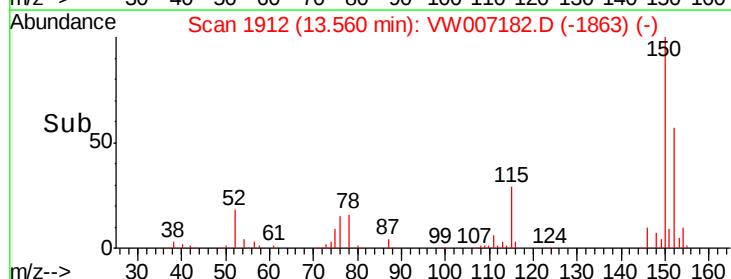
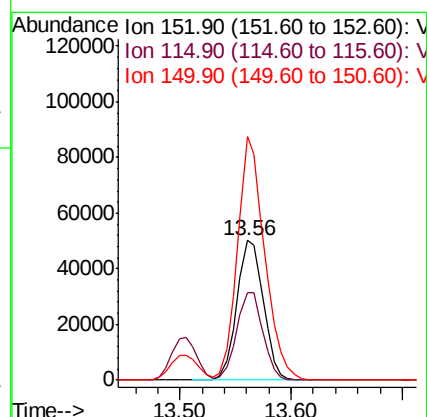
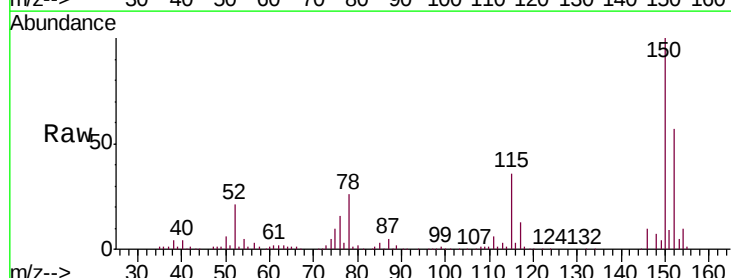
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

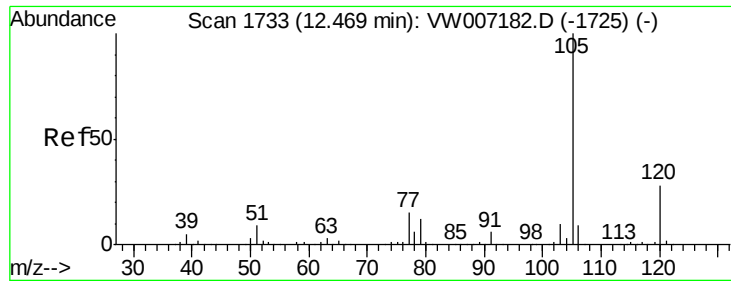
Tgt Ion:173 Resp: 30728
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:152 Resp: 82707
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 179.0 0.0 358.0

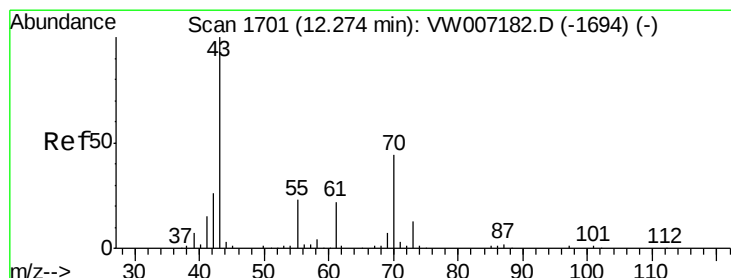
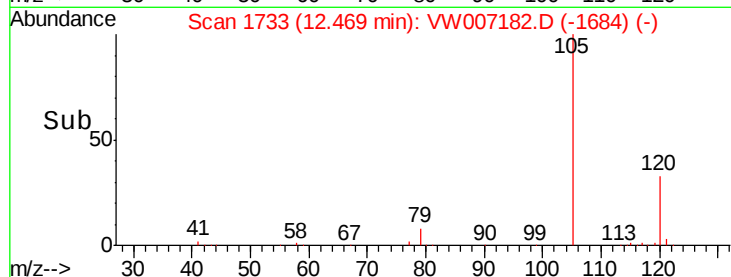
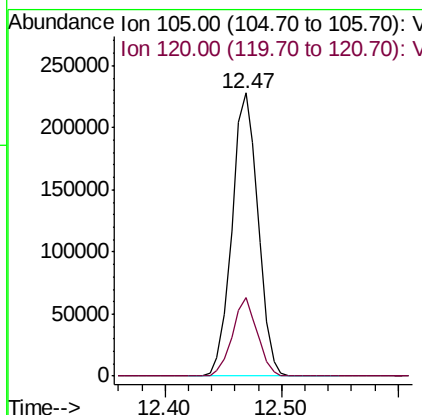
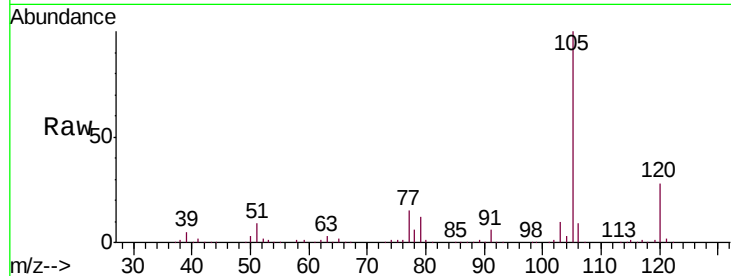




#73
Isopropylbenzene
Concen: 52.982 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

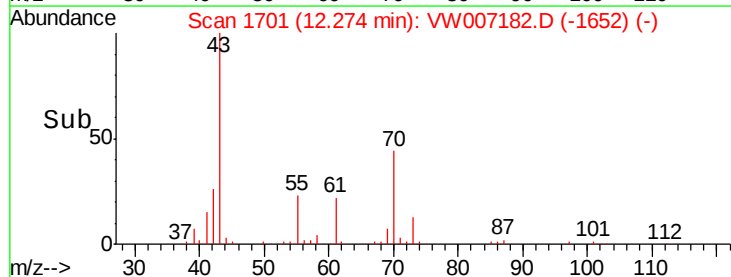
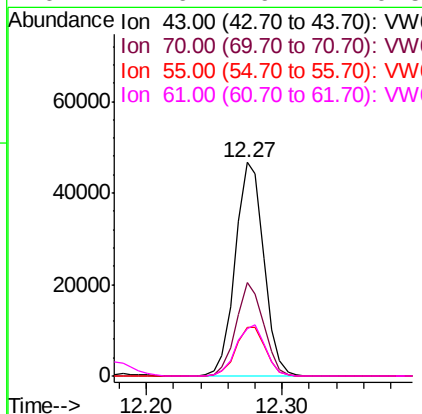
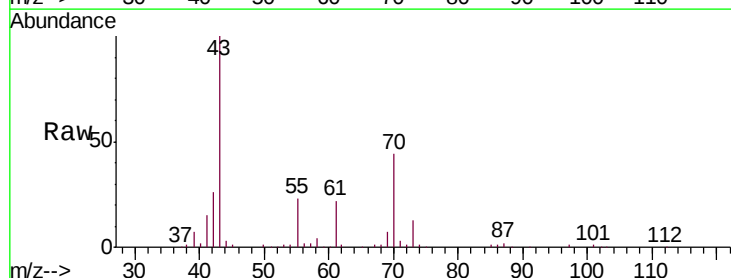
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

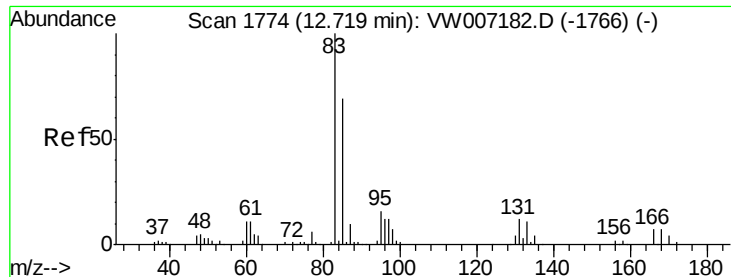
Tgt Ion: 105 Resp: 356399
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 57.174 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 43 Resp: 68189
Ion Ratio Lower Upper
43 100
70 42.5 34.0 51.0
55 23.8 19.0 28.6
61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.977 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

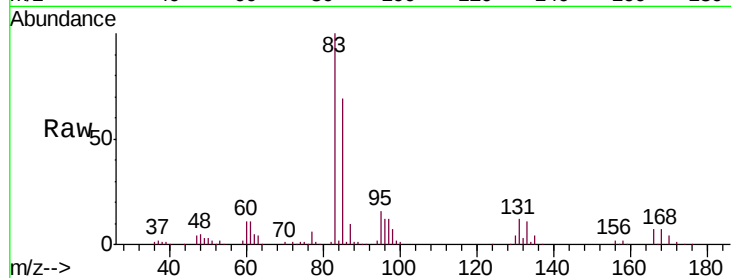
Tgt Ion: 83 Resp: 48030

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.1

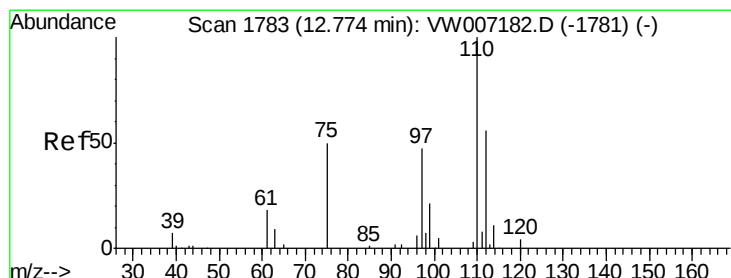
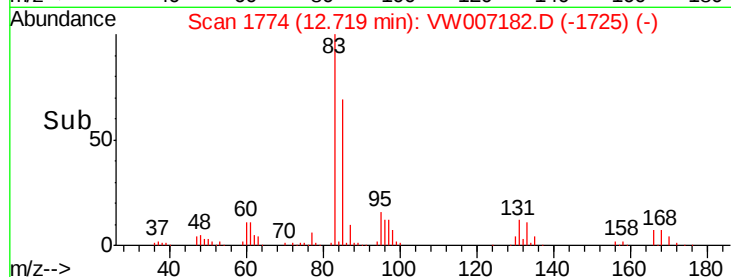
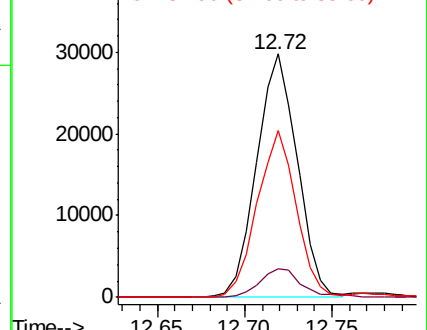
85 66.0 33.0 99.0



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: 61.871 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007182.D

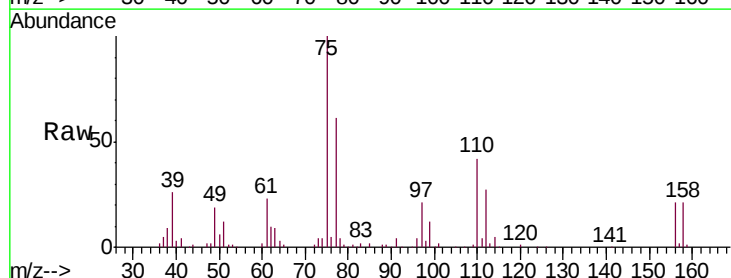
Acq: 04 Dec 2018 12:29

Tgt Ion: 75 Resp: 68777

Ion Ratio Lower Upper

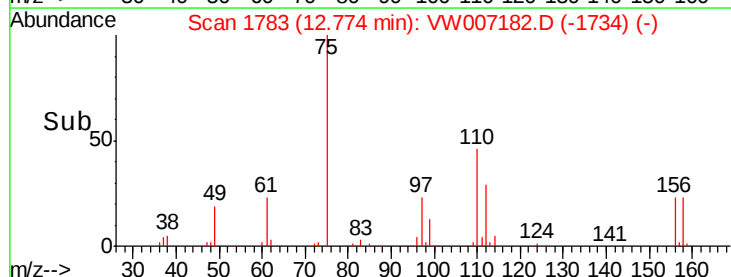
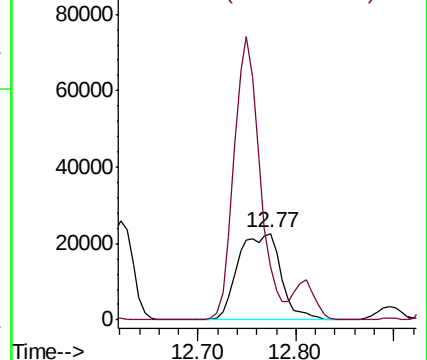
75 100

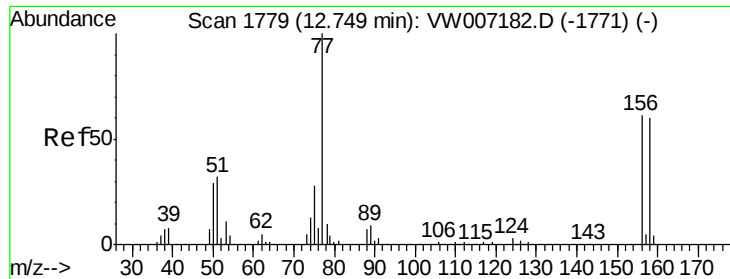
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

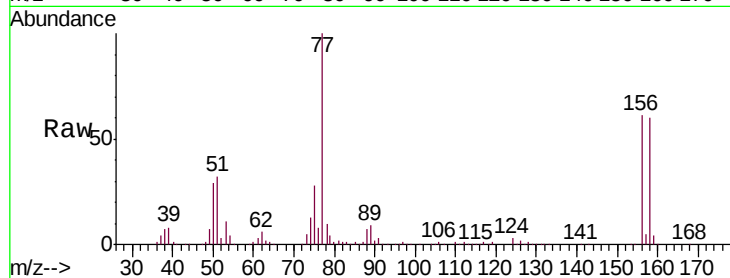




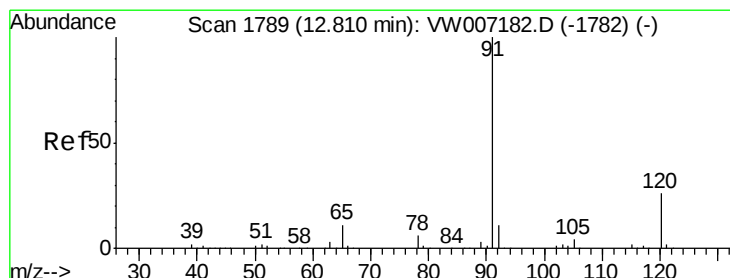
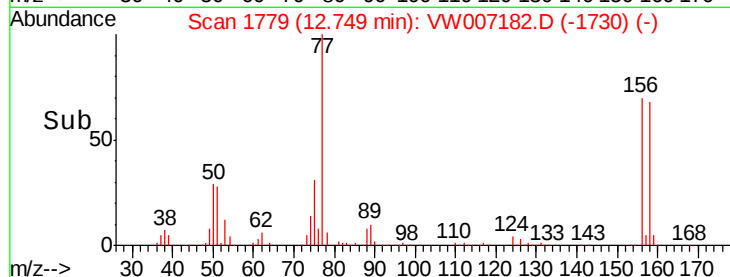
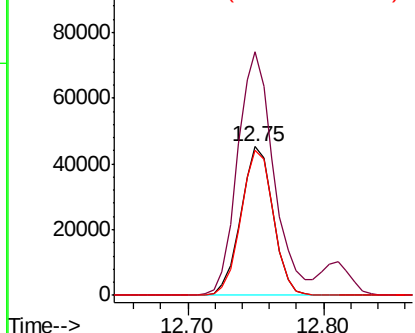
#77
Bromobenzene
Concen: 51.517 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 156 Resp: 74803
Ion Ratio Lower Upper
156 100
77 184.1 92.0 276.1
158 98.0 49.0 147.0

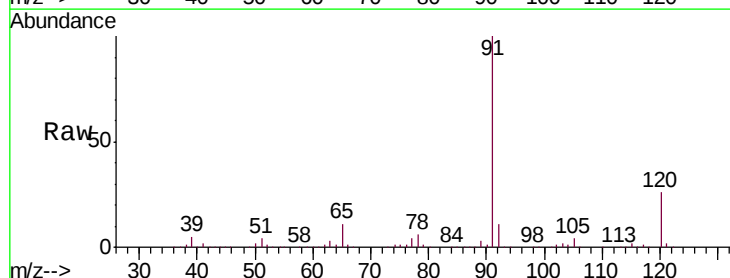


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

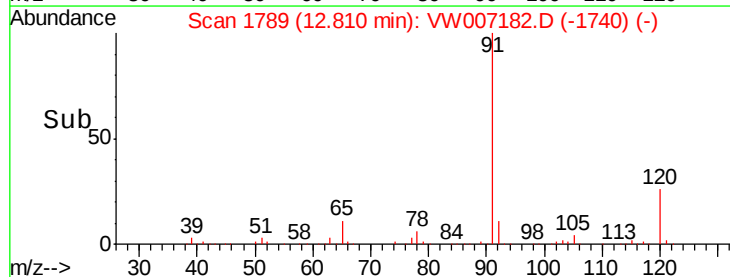
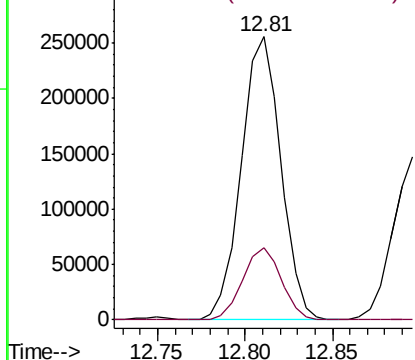


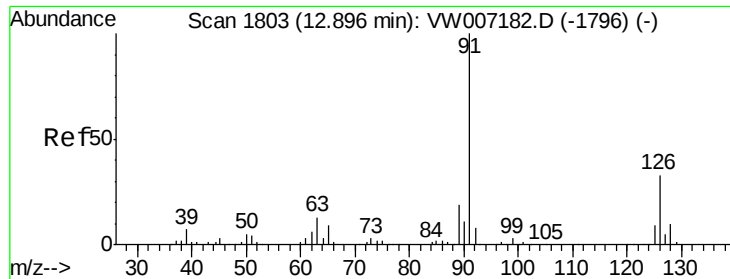
#78
n-propylbenzene
Concen: 49.978 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 91 Resp: 400536
Ion Ratio Lower Upper
91 100
120 25.0 12.5 37.5



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

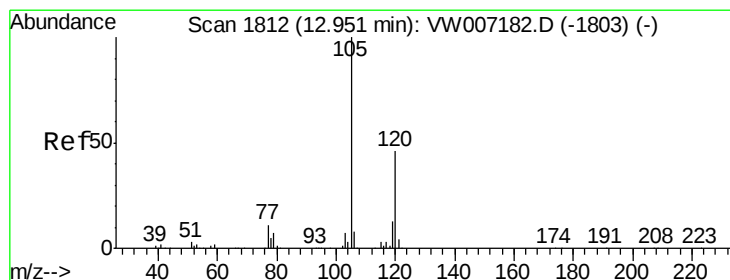
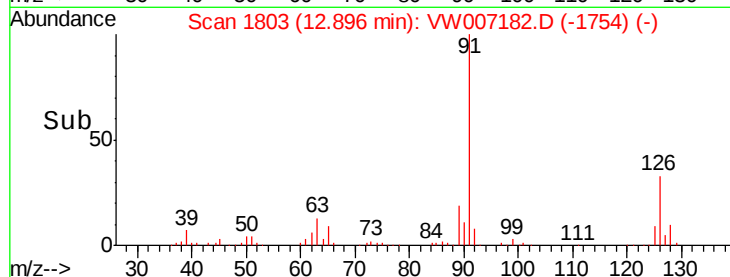
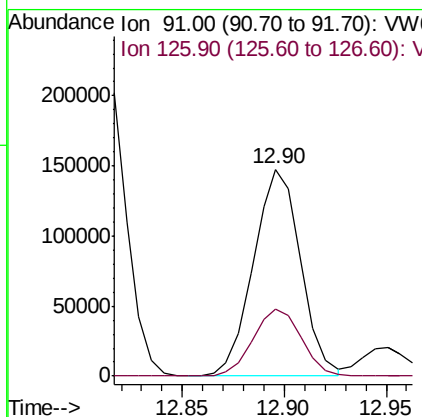
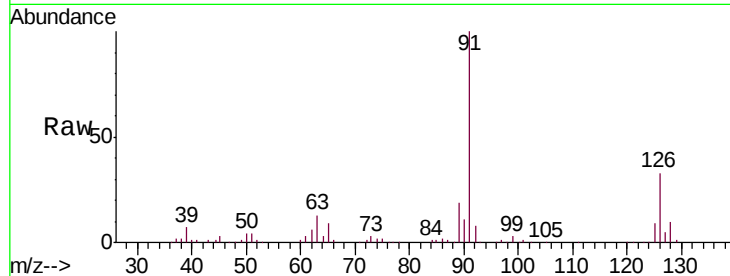




#79
2-Chlorotoluene
Concen: 52.347 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

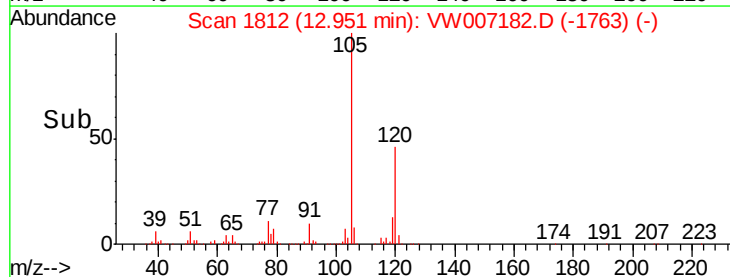
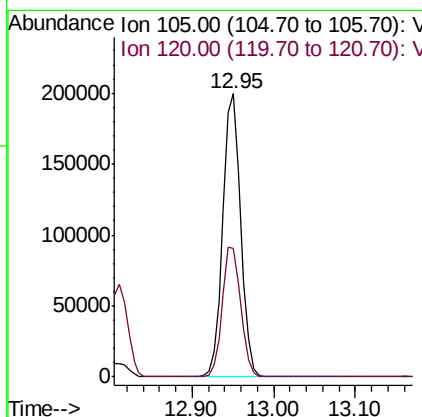
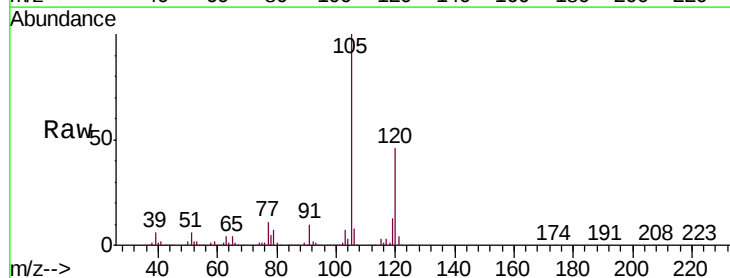
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

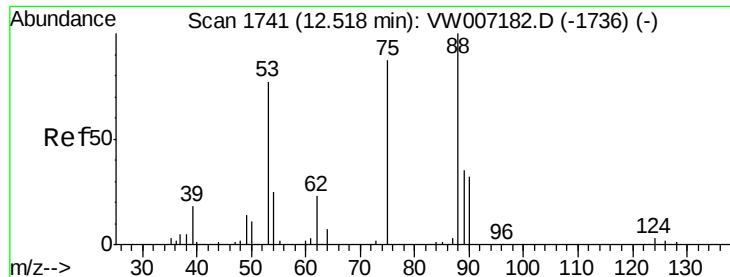
Tgt Ion: 91 Resp: 236904
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 52.549 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 105 Resp: 302402
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

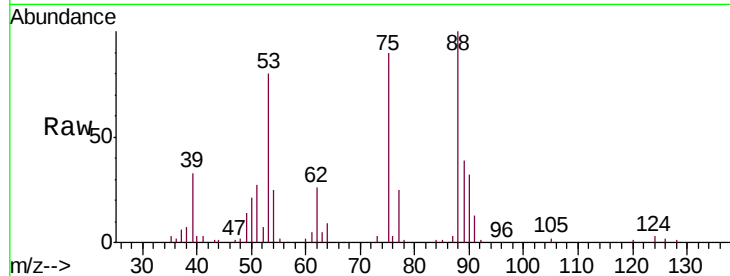




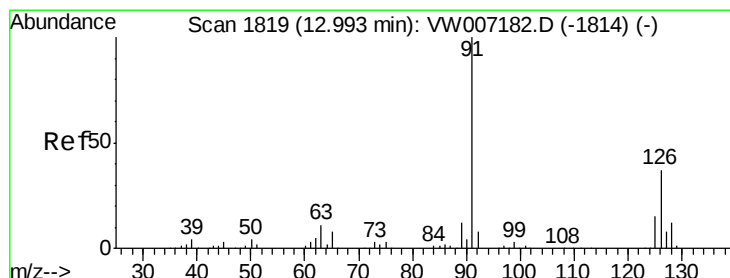
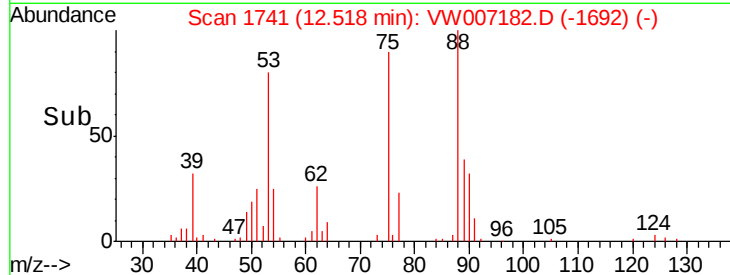
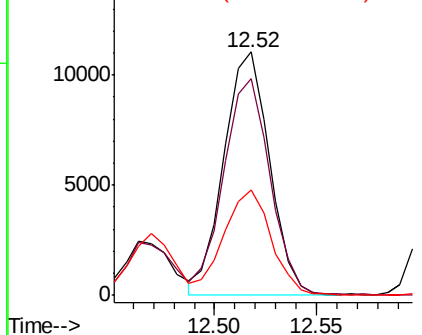
#81
trans-1,4-Dichloro-2-butene
Concen: 57.760 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 17162
Ion Ratio Lower Upper
75 100
53 91.0 72.8 109.2
89 45.5 36.4 54.6

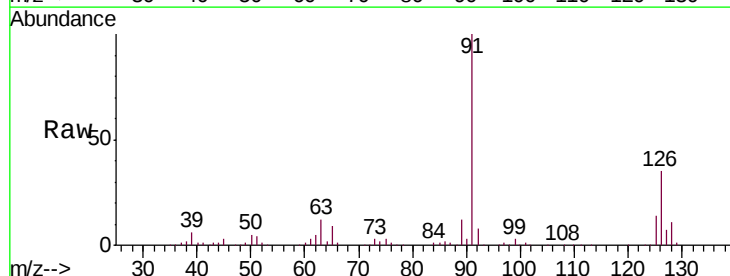


Abundance Ion 74.90 (74.60 to 75.60): VW
15000 Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW

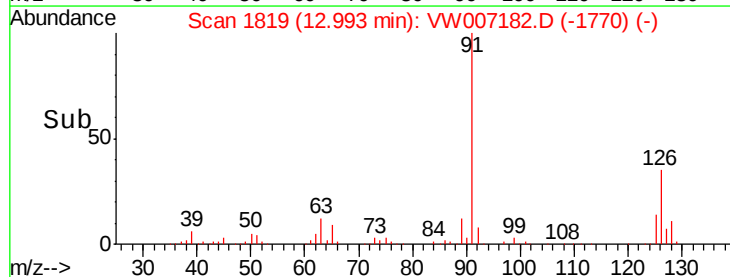
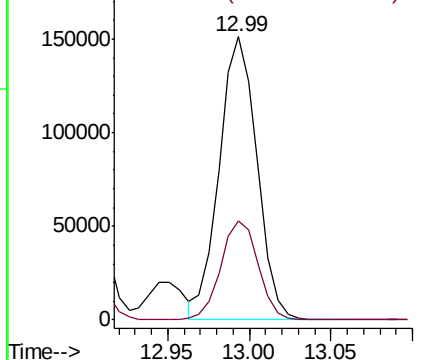


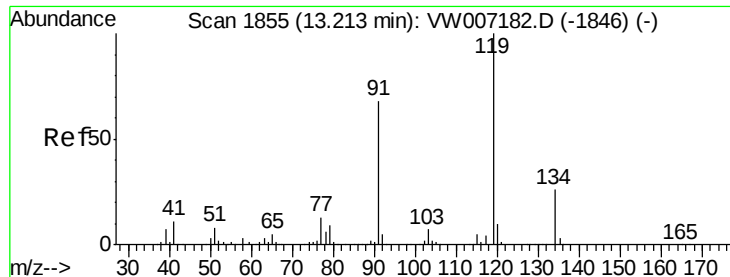
#82
4-Chlorotoluene
Concen: 50.401 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 91 Resp: 242655
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW
150000 Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.773 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

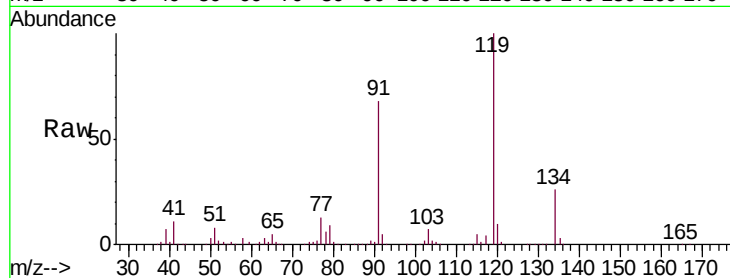
Tgt Ion:119 Resp: 255334

Ion Ratio Lower Upper

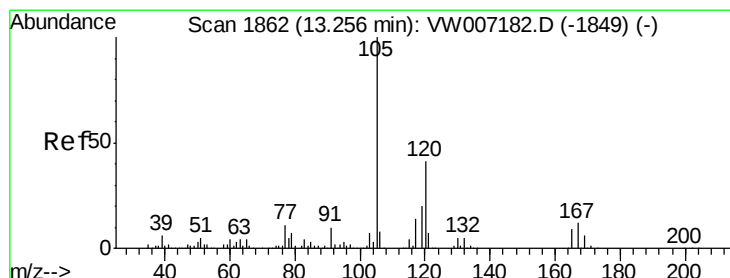
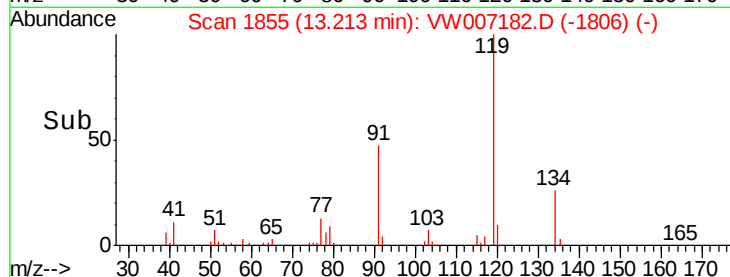
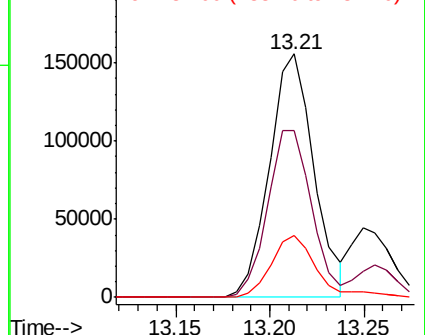
119 100

91 67.9 34.0 101.8

134 26.3 13.2 39.5



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: 51.995 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007182.D

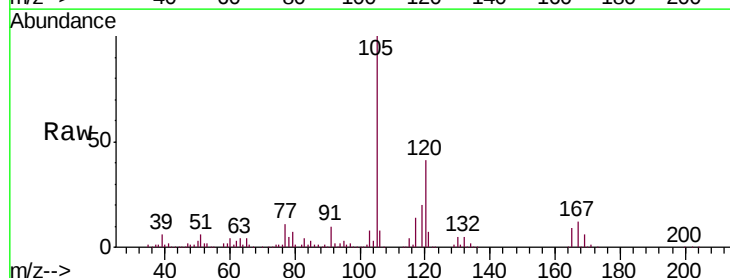
Acq: 04 Dec 2018 12:29

Tgt Ion:105 Resp: 305434

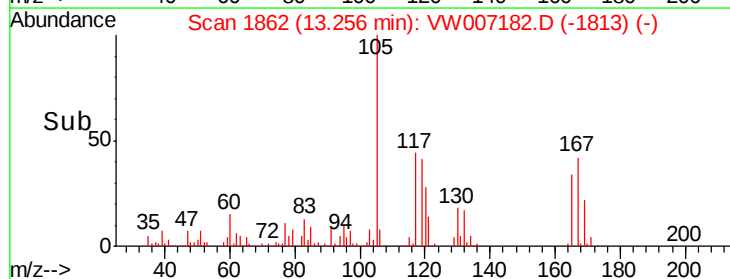
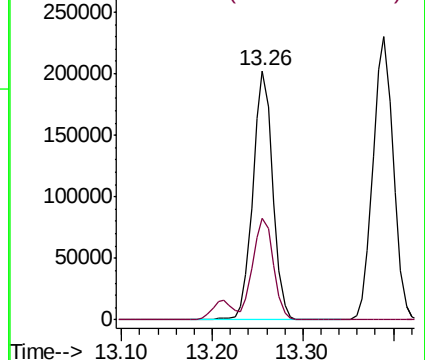
Ion Ratio Lower Upper

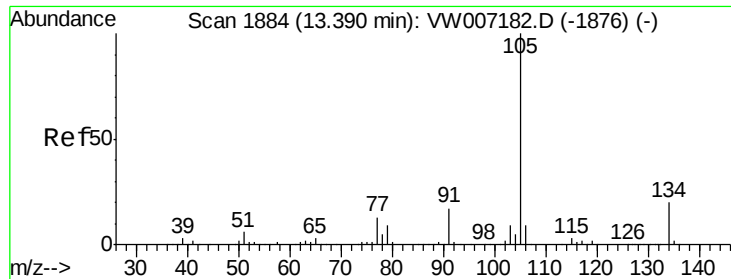
105 100

120 42.2 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.925 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

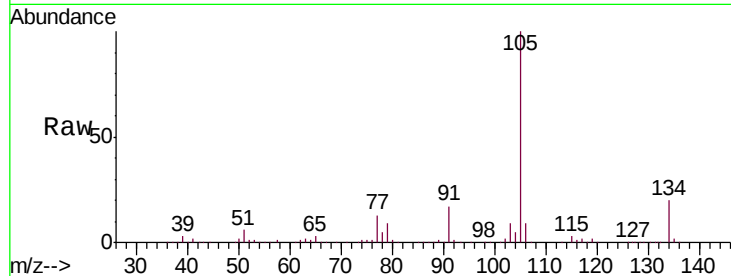
VSTDICCC050

Tgt Ion:105 Resp: 358429

Ion Ratio Lower Upper

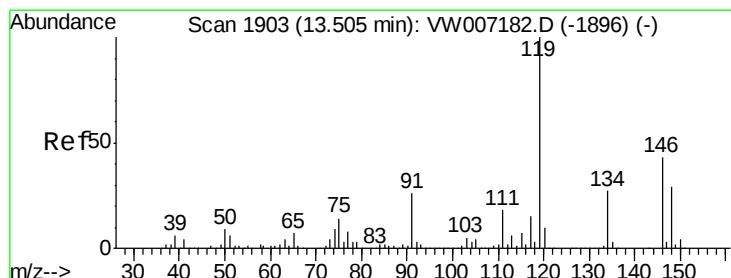
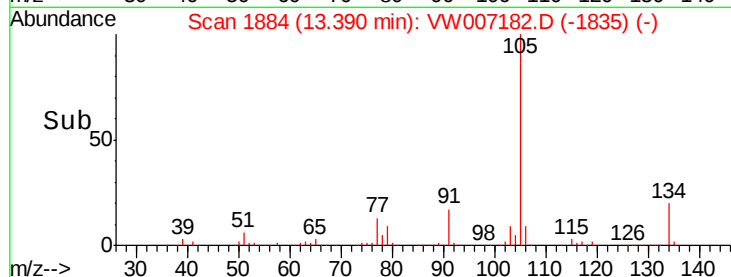
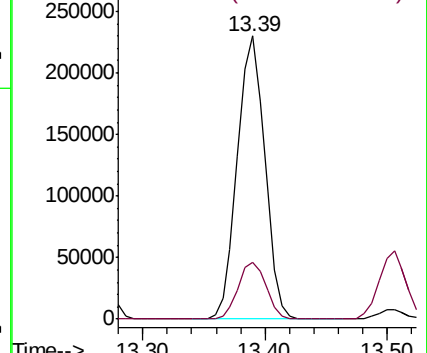
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.100 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007182.D

Acq: 04 Dec 2018 12:29

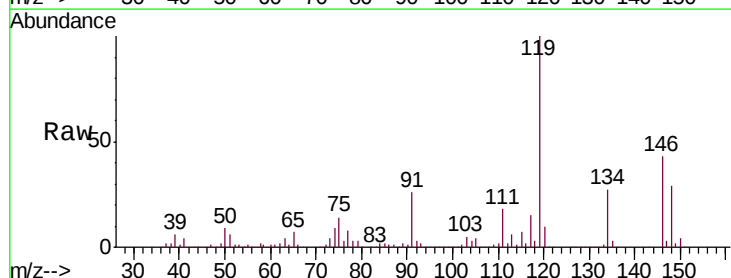
Tgt Ion:119 Resp: 320195

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

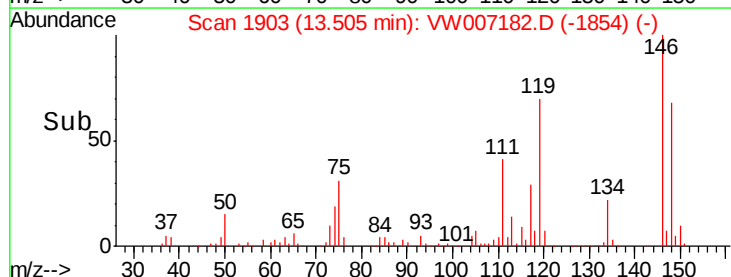
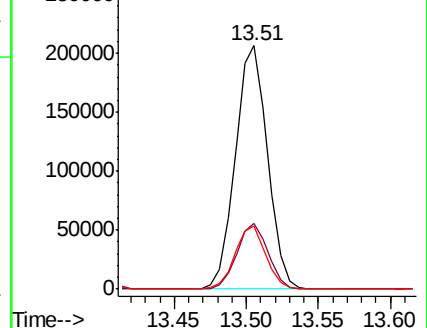
91 24.8 12.4 37.2

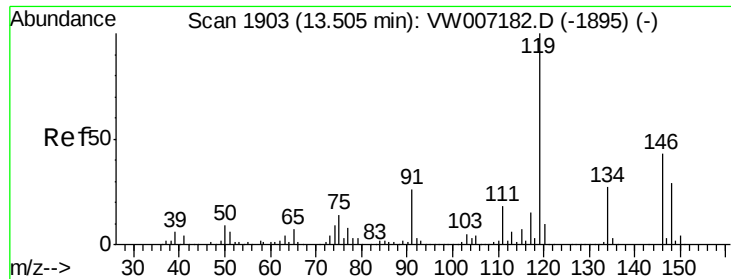


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

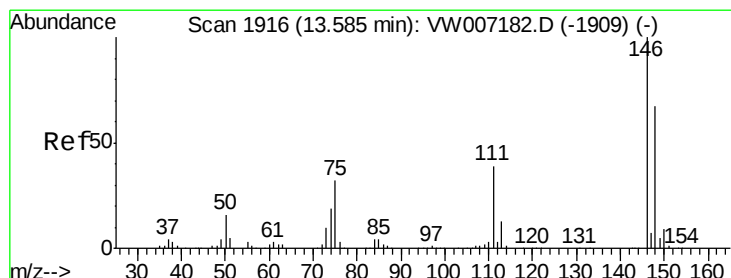
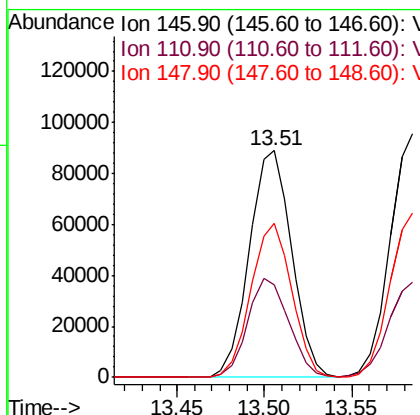
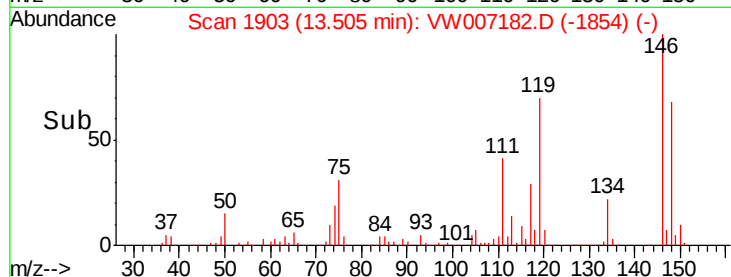
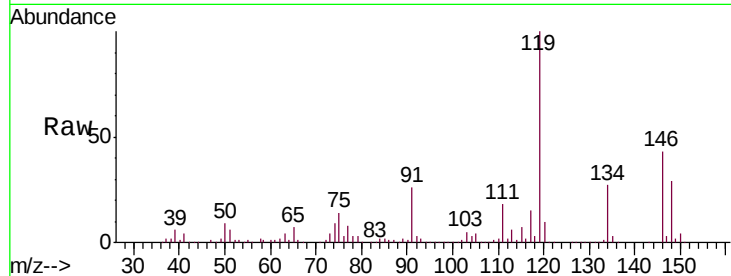




#87
 1,3-Dichlorobenzene
 Concen: 50.206 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

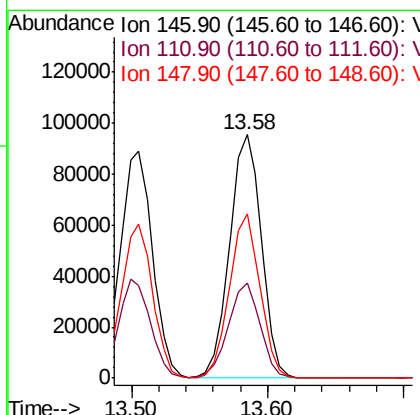
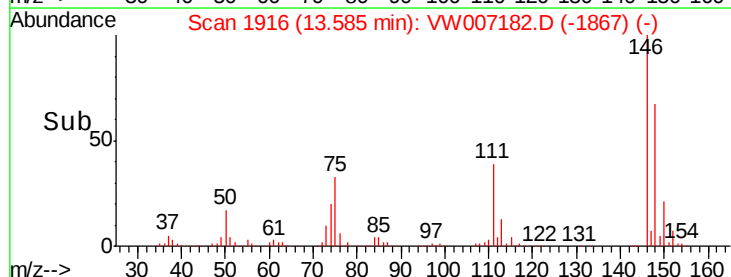
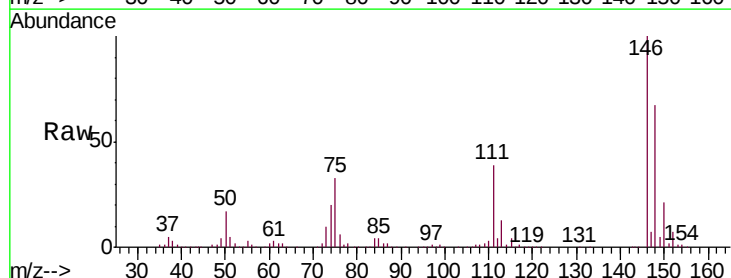
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

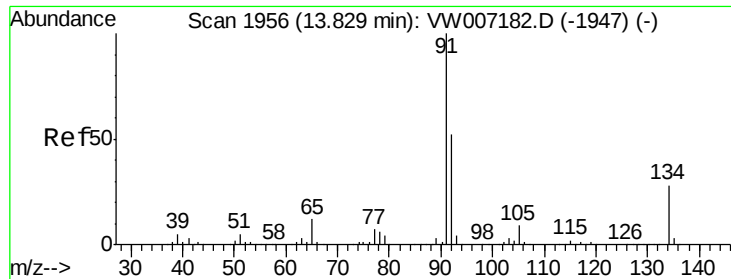
Tgt Ion:146 Resp: 149652
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 65.6 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 51.370 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion:146 Resp: 154671
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 65.3 32.6 98.0

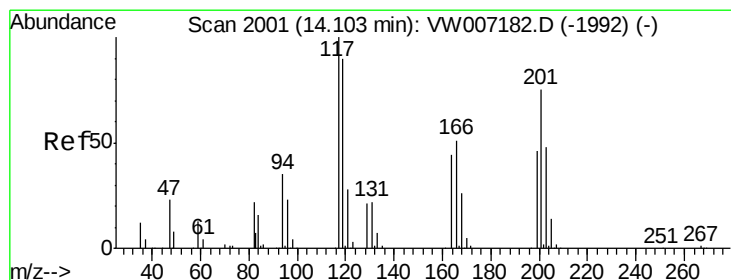
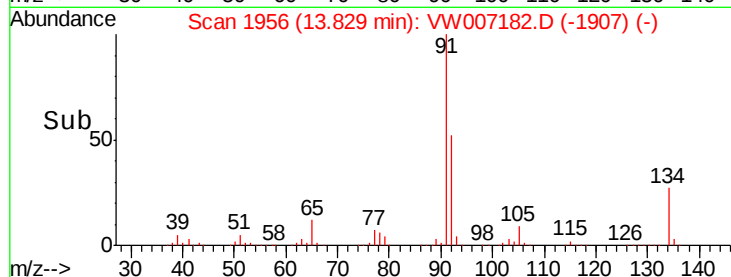
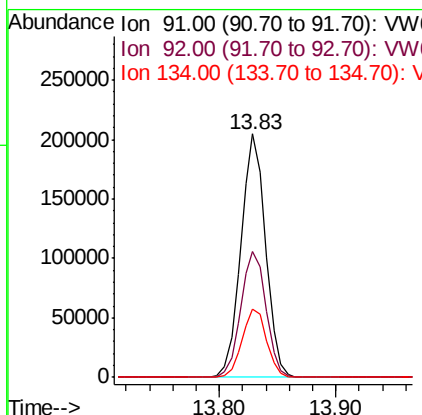
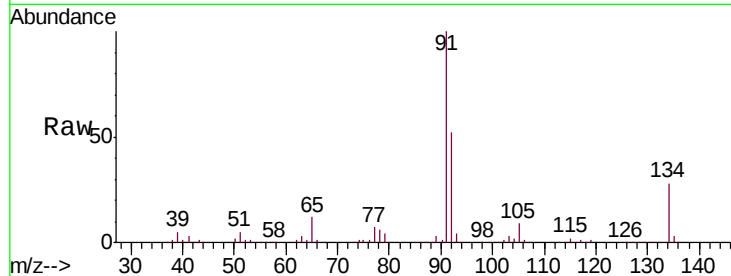




#89
n-Butylbenzene
Concen: 50.670 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

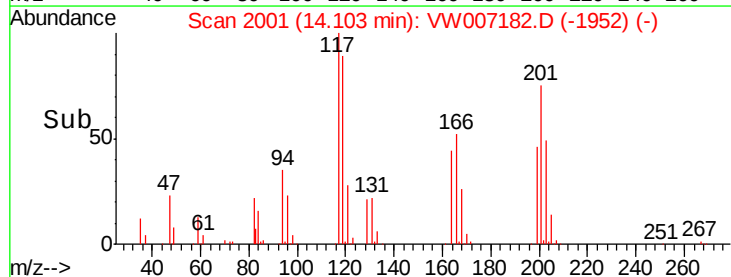
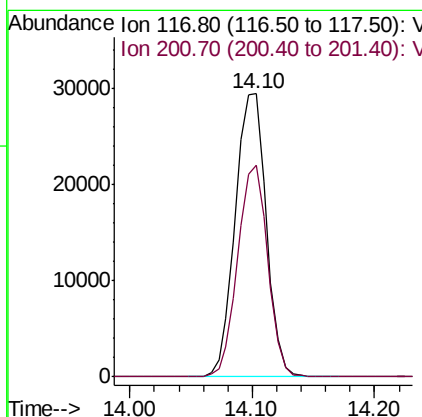
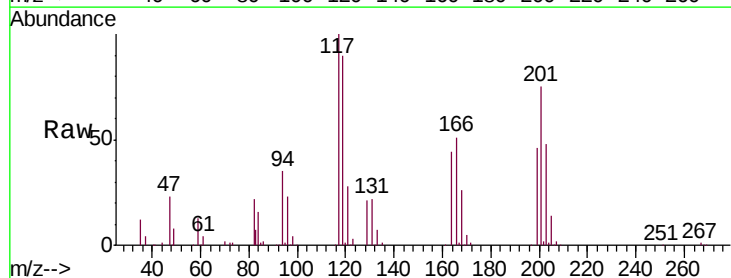
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

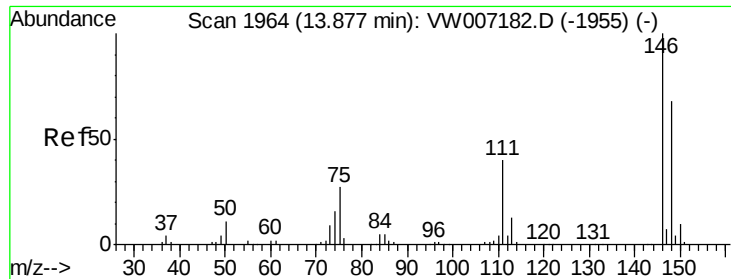
Tgt Ion: 91 Resp: 302616
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 28.1 14.1 42.2



#90
Hexachloroethane
Concen: 53.235 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion: 117 Resp: 51847
Ion Ratio Lower Upper
117 100
201 72.1 36.0 108.1

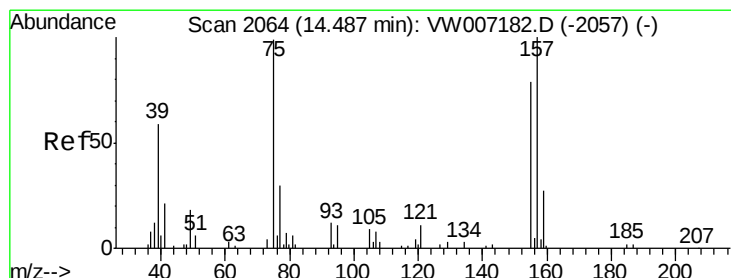
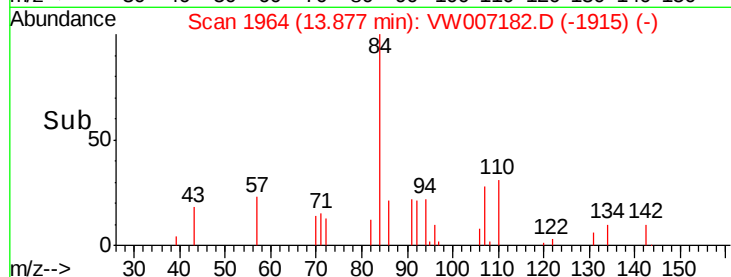
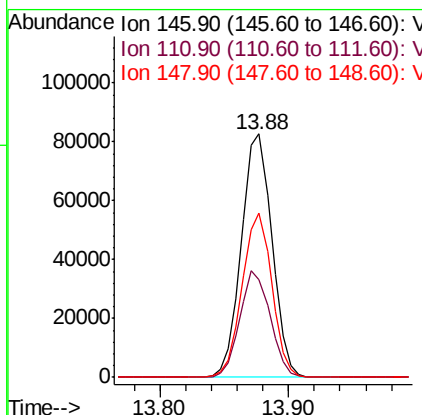
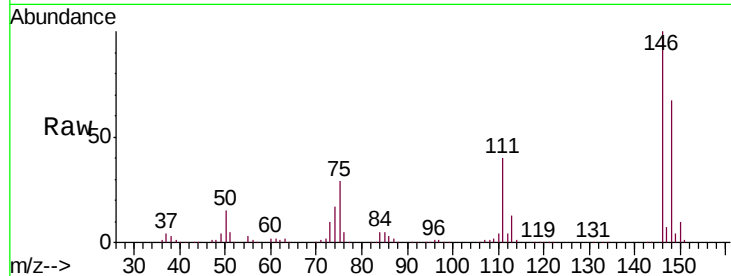




#91
 1,2-Dichlorobenzene
 Concen: 52.712 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

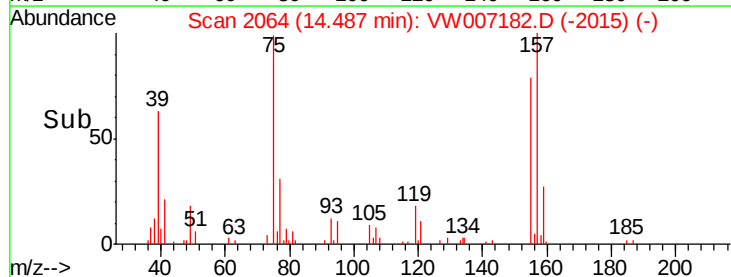
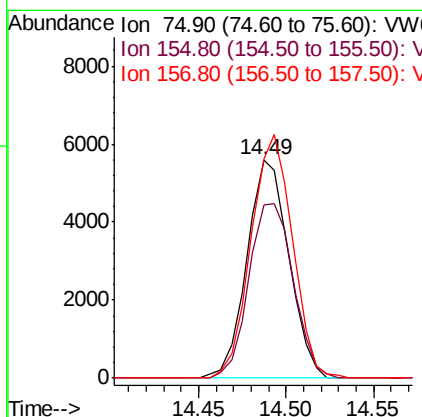
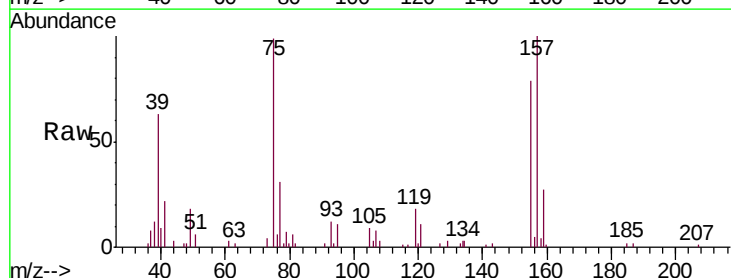
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

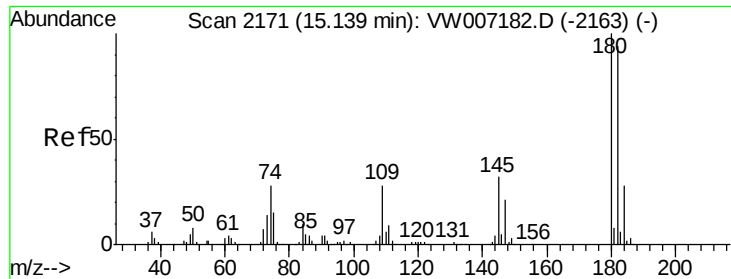
Tgt Ion:146 Resp: 136022
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 65.4 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.976 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion: 75 Resp: 9304
 Ion Ratio Lower Upper
 75 100
 155 84.8 42.4 127.2
 157 110.6 55.3 165.9

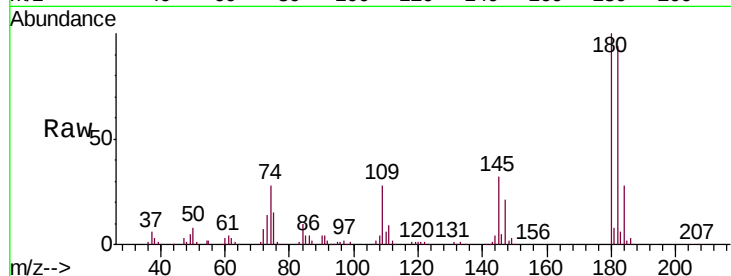




#93
 1,2,4-Trichlorobenzene
 Concen: 52.680 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	33.1	16.6	49.7

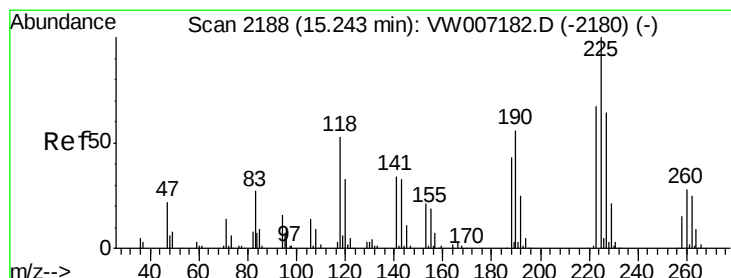
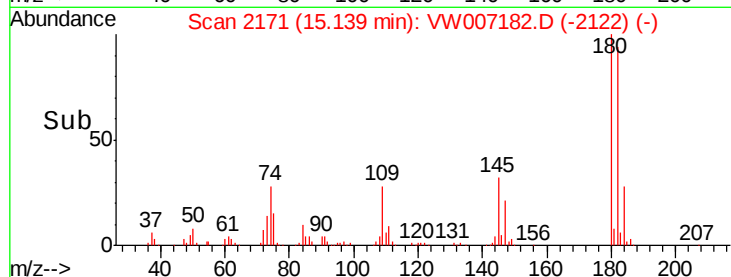
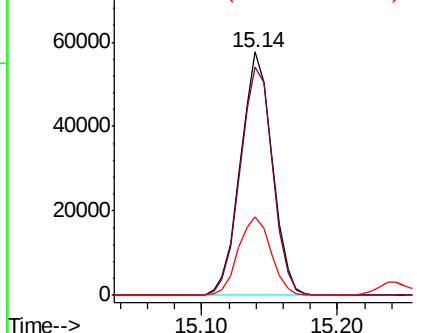


Abundance

Ion 179.80 (179.50 to 180.50): V

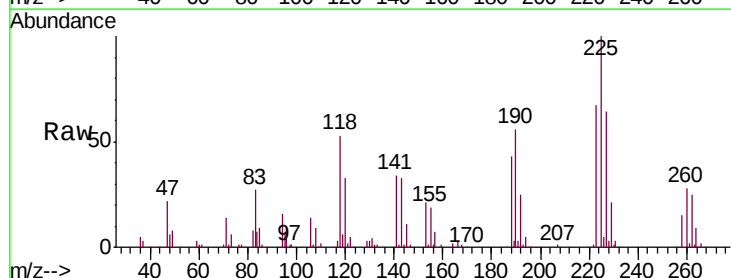
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.468 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007182.D
 Acq: 04 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	64.2	32.1	96.3

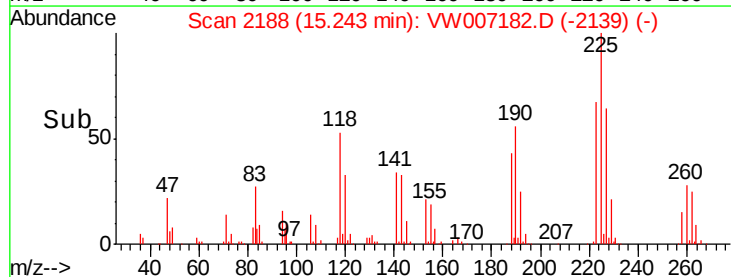
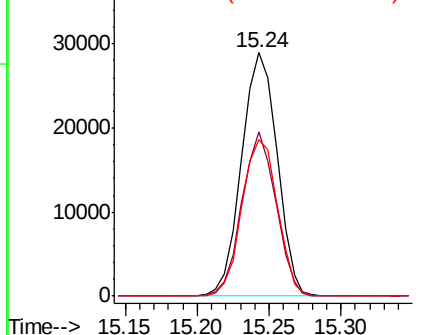


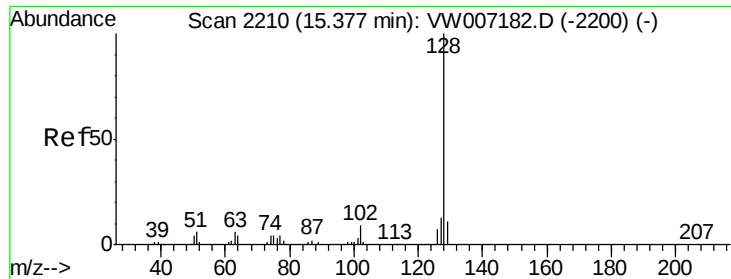
Abundance

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

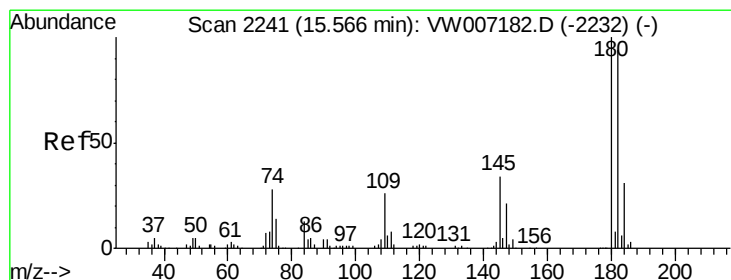
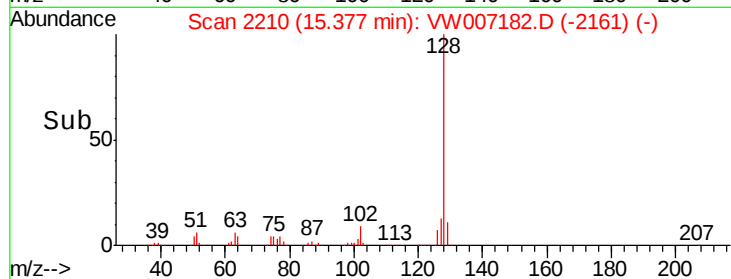
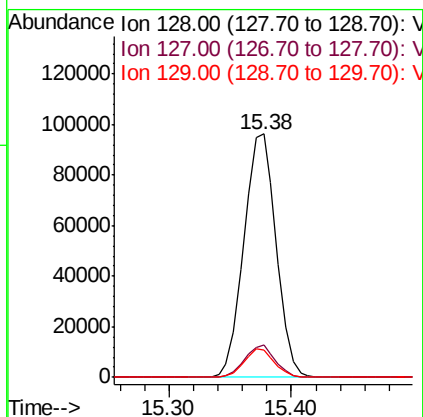
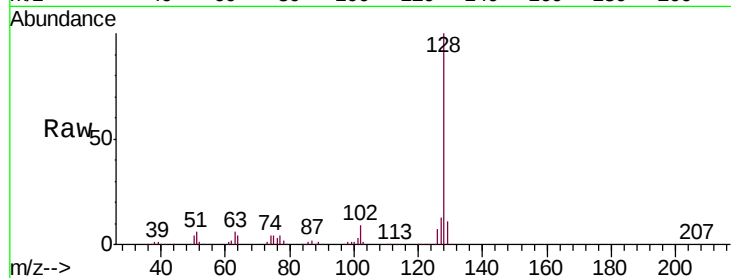




#95
Naphthalene
Concen: 55.049 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 176429
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.091 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007182.D
Acq: 04 Dec 2018 12:29

Tgt Ion:180 Resp: 78549
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 35.2 17.6 52.8

