

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005242.D
 Acq On : 10 Sep 2018 15:23
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 11 02:48:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	533244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	757579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	731690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	398175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	193896	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.89	113	201405	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.33	98	1050696	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.63	95	375817	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	203846	44.315	ug/l	100
3) Chloromethane	2.21	50	283033	46.023	ug/l	100
4) Vinyl Chloride	2.36	62	262570	46.508	ug/l	100
5) Bromomethane	2.76	94	170785	44.460	ug/l	100
6) Chloroethane	2.92	64	145797	46.881	ug/l	100
7) Trichlorofluoromethane	3.26	101	286526	44.863	ug/l	100
8) Diethyl Ether	3.69	74	103640	45.534	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	207581	45.503	ug/l	100
10) Methyl Iodide	4.28	142	275452	54.835	ug/l	100
11) Tert butyl alcohol	5.17	59	73101	224.121	ug/l	100
12) 1,1-Dichloroethene	4.04	96	194131	46.217	ug/l	100
13) Acrolein	3.90	56	71485	226.889	ug/l	100
14) Allyl chloride	4.68	41	299975	46.478	ug/l	100
15) Acrylonitrile	5.37	53	243479	237.104	ug/l	100
16) Acetone	4.13	43	170929	231.535	ug/l	100
17) Carbon Disulfide	4.39	76	694393	47.097	ug/l	100
18) Methyl Acetate	4.68	43	101224	45.932	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	473231	47.302	ug/l	100
20) Methylene Chloride	4.92	84	266207	42.544	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	222404	45.348	ug/l	100
22) Diisopropyl ether	6.32	45	630545	48.527	ug/l	100
23) Vinyl Acetate	6.26	43	1739408	240.210	ug/l	100
24) 1,1-Dichloroethane	6.23	63	362668	45.343	ug/l	100
25) 2-Butanone	7.18	43	271234	232.924	ug/l	100
26) 2,2-Dichloropropane	7.18	77	322323	46.480	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	242152	46.135	ug/l	100
28) Bromochloromethane	7.52	49	139996	47.445	ug/l	100
29) Tetrahydrofuran	7.54	42	186814	238.060	ug/l	100
30) Chloroform	7.68	83	372653	46.426	ug/l	100
31) Cyclohexane	7.96	56	406980	47.820	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	347145	47.872	ug/l	100
36) 1,1-Dichloropropene	8.09	75	338021	48.701	ug/l	100
37) Ethyl Acetate	7.26	43	121658	46.083	ug/l	100
38) Carbon Tetrachloride	8.07	117	311686	47.939	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	459333	49.845	ug/l	100
40) Benzene	8.33	78	1018207	49.795	ug/l	100
41) Methacrylonitrile	7.49	41	69304	51.169	ug/l	100
42) 1,2-Dichloroethane	8.41	62	227149	46.434	ug/l	100
43) Isopropyl Acetate	8.43	43	237991	48.546	ug/l	100
44) Trichloroethene	9.10	130	274850	48.996	ug/l	100
45) 1,2-Dichloropropane	9.38	63	241918	49.221	ug/l	100
46) Dibromomethane	9.46	93	111506	46.349	ug/l	100
47) Bromodichloromethane	9.65	83	283982	48.254	ug/l	100
48) Methyl methacrylate	9.44	41	130372	51.216	ug/l	100
49) 1,4-Dioxane	9.45	88	46946	1045.164	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	686031	248.667	ug/l	100
52) Toluene	10.40	92	731316	49.209	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	310818	48.869	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	371827	48.818	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	181522	47.321	ug/l	100
56) Ethyl methacrylate	10.65	69	246891	50.769	ug/l	100
57) 1,3-Dichloropropane	10.94	76	304734	47.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	513191	242.794	ug/l	100
59) 2-Hexanone	10.98	43	497399	250.087	ug/l	100
60) Dibromochloromethane	11.13	129	206208	48.446	ug/l	100
61) 1,2-Dibromoethane	11.24	107	169534	48.195	ug/l	100
64) Tetrachloroethene	10.87	164	270595	49.847	ug/l	100
65) Chlorobenzene	11.66	112	796727	49.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237180	49.559	ug/l	100
67) Ethyl Benzene	11.74	91	1421747	50.934	ug/l	100
68) m/p-Xylenes	11.85	106	1136905	101.072	ug/l	100
69) o-Xylene	12.17	106	538410	51.447	ug/l	100
70) Styrene	12.19	104	886652	51.922	ug/l	100
71) Bromoform	12.35	173	129400	49.868	ug/l	# 100
73) Isopropylbenzene	12.47	105	1462632	51.990	ug/l	100
74) N-amyl acetate	12.28	43	275911	51.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	212634	50.292	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	285347	55.174	ug/l	# 100
77) Bromobenzene	12.76	156	330925	49.930	ug/l	100
78) n-propylbenzene	12.81	91	1707676	50.541	ug/l	100
79) 2-Chlorotoluene	12.90	91	982971	50.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1221848	51.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	67063	51.355	ug/l	100
82) 4-Chlorotoluene	12.99	91	1025995	50.377	ug/l	100
83) tert-Butylbenzene	13.21	119	1060516	50.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1209834	50.257	ug/l	100
85) sec-Butylbenzene	13.39	105	1530995	50.845	ug/l	100
86) p-Isopropyltoluene	13.51	119	1372433	51.487	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	694291	49.888	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	664725	48.630	ug/l	100
89) n-Butylbenzene	13.83	91	1285002	51.281	ug/l	100
90) Hexachloroethane	14.10	117	213889	50.084	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	600267	49.072	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35616	50.656	ug/l	100

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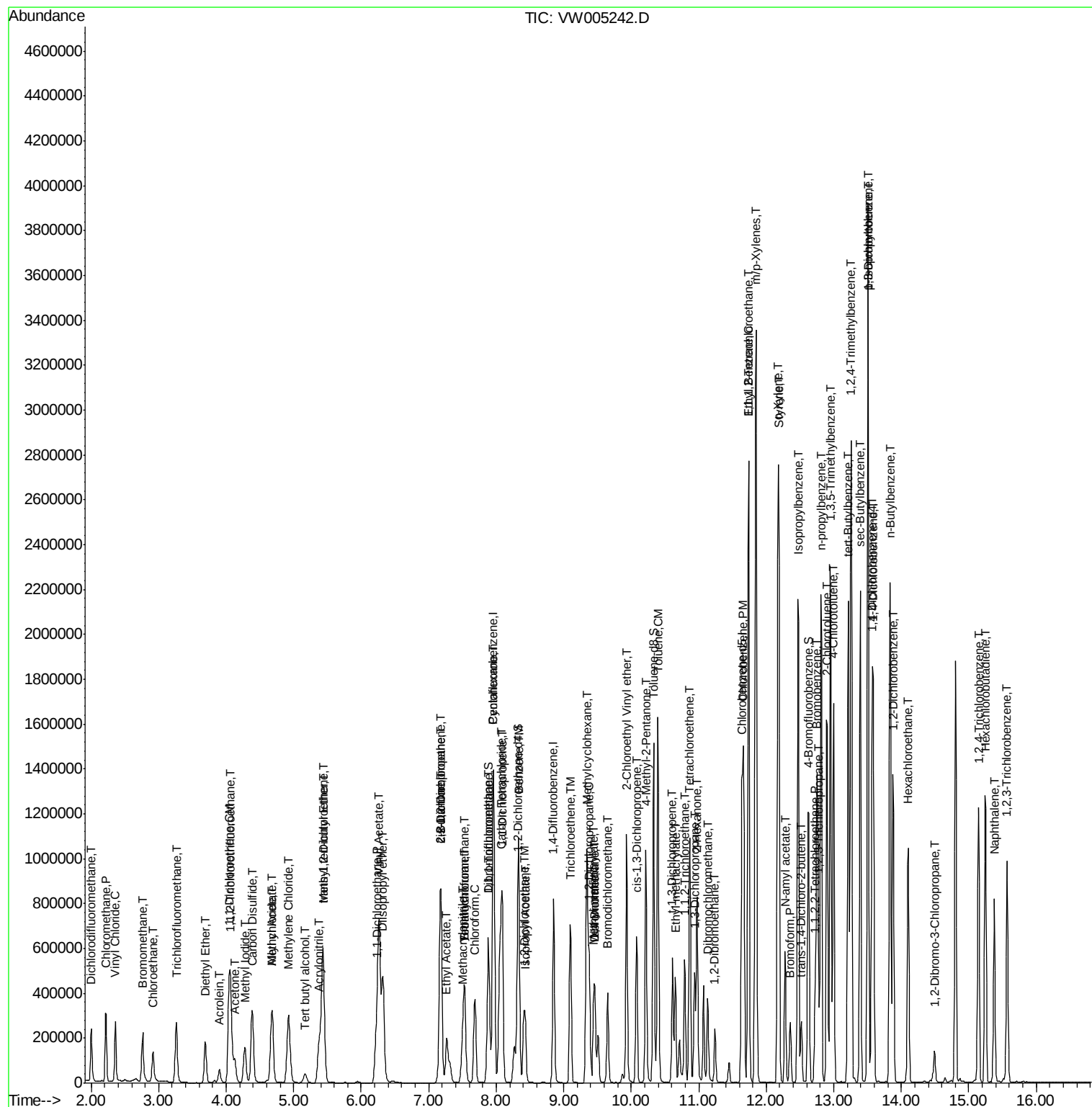
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	431159	49.829	ug/l	100
94) Hexachlorobutadiene	15.25	225	277884	50.151	ug/l	100
95) Naphthalene	15.38	128	726632	51.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	376250	50.534	ug/l	100

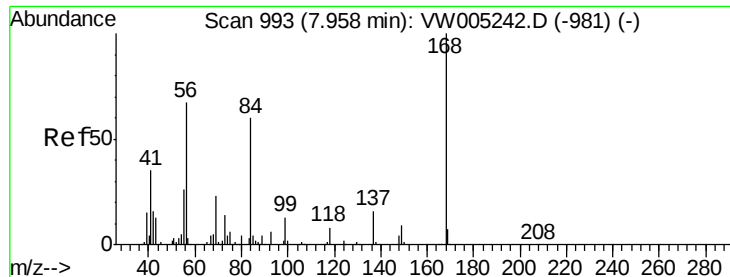
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

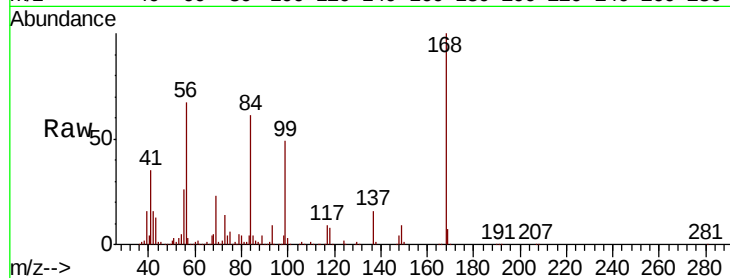
VSTDICCC050

Tgt Ion:168 Resp: 533244

Ion Ratio Lower Upper

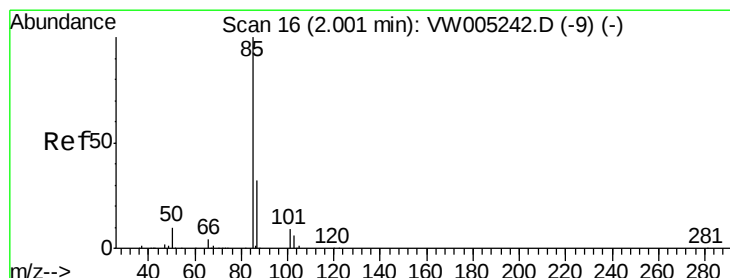
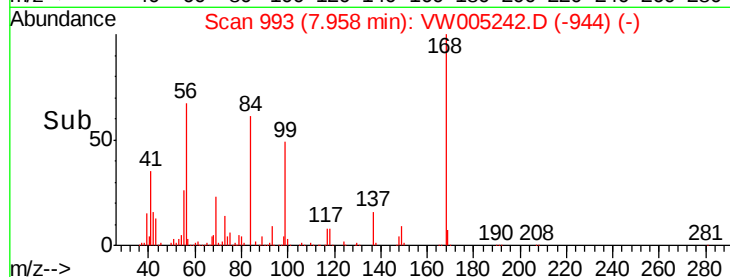
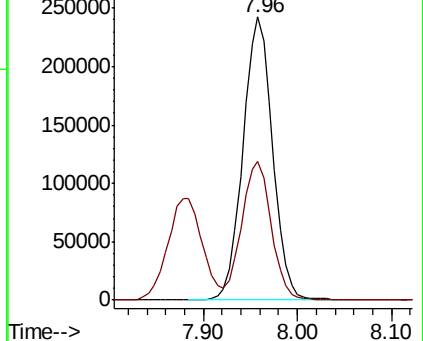
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.315 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005242.D

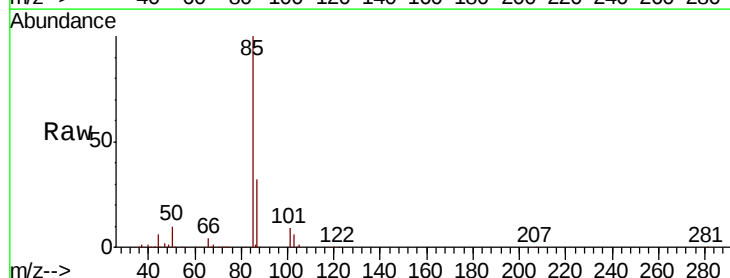
Acq: 10 Sep 2018 15:23

Tgt Ion: 85 Resp: 203846

Ion Ratio Lower Upper

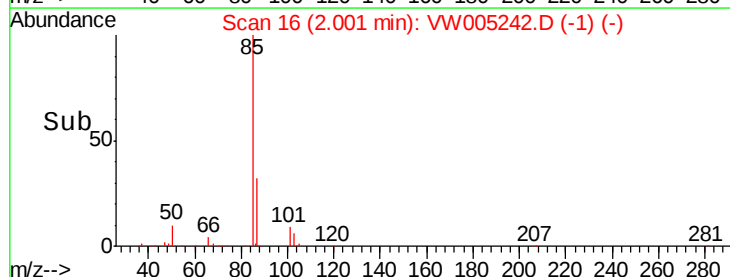
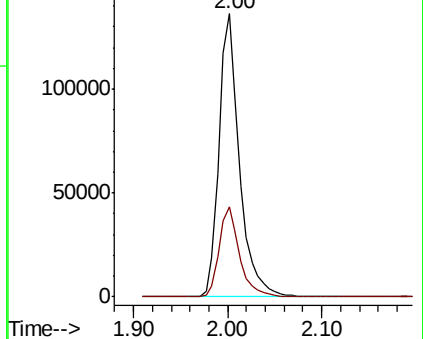
85 100

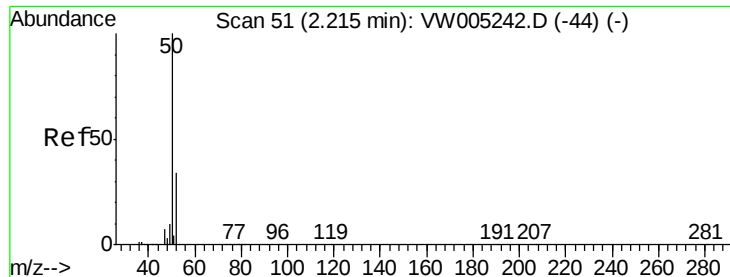
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.023 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

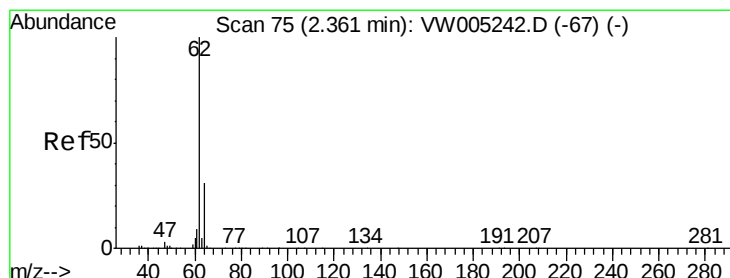
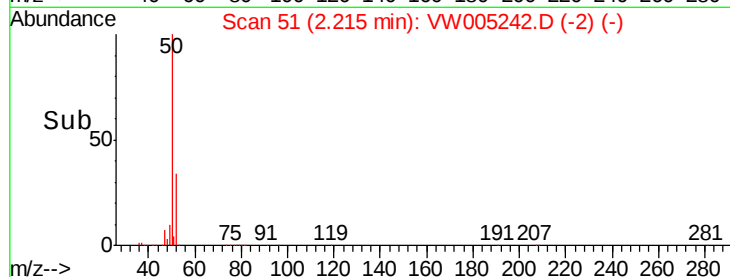
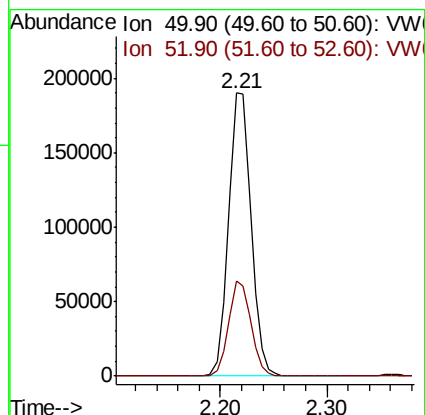
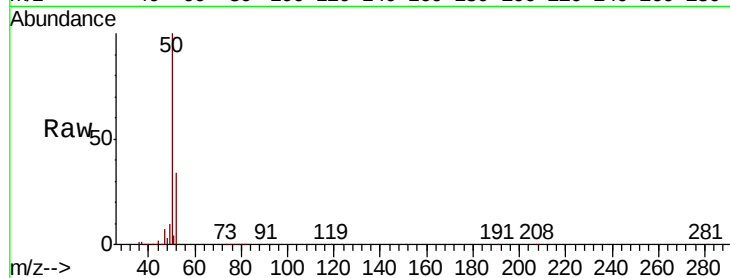
VSTDICCC050

Tgt Ion: 50 Resp: 283033

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.4



#4

Vinyl Chloride

Concen: 46.508 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005242.D

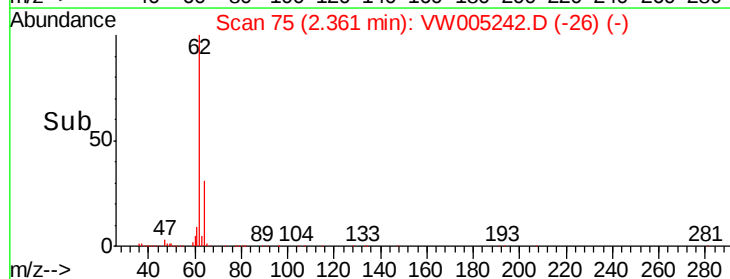
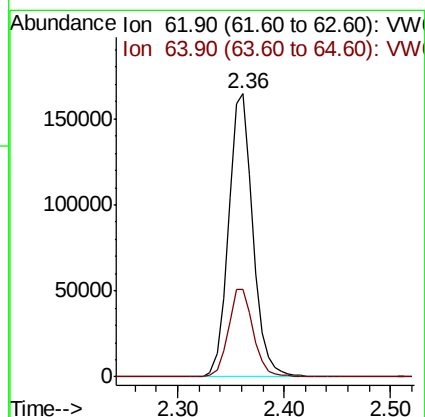
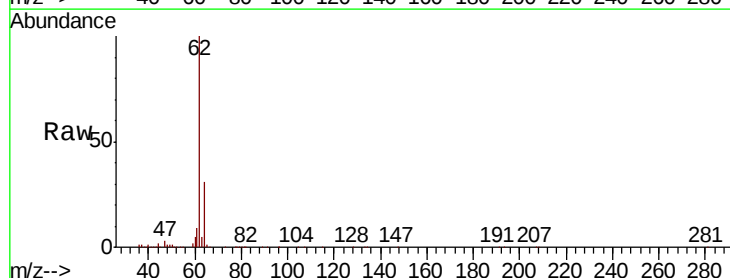
Acq: 10 Sep 2018 15:23

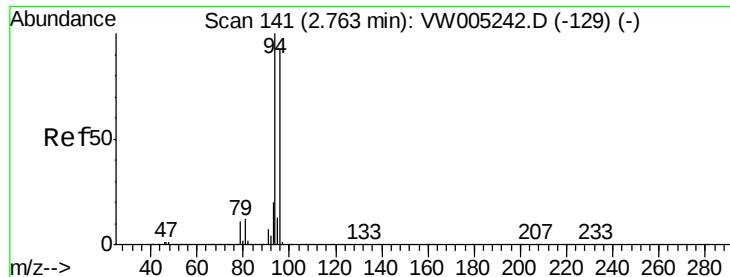
Tgt Ion: 62 Resp: 262570

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 44.460 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

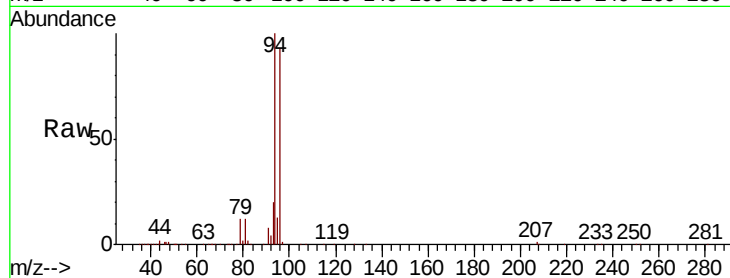
VSTDICCC050

Tgt Ion: 94 Resp: 170785

Ion Ratio Lower Upper

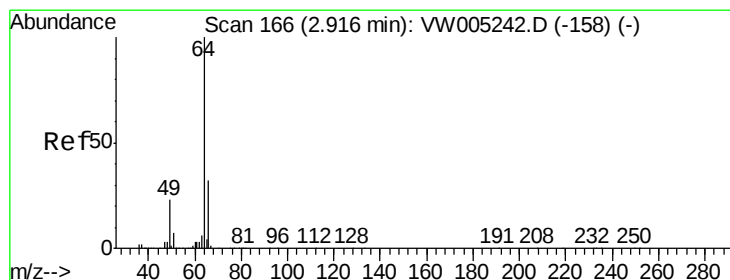
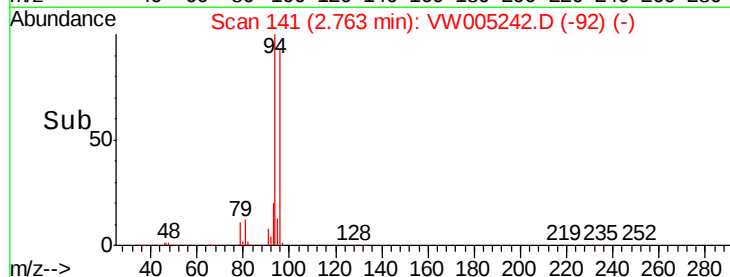
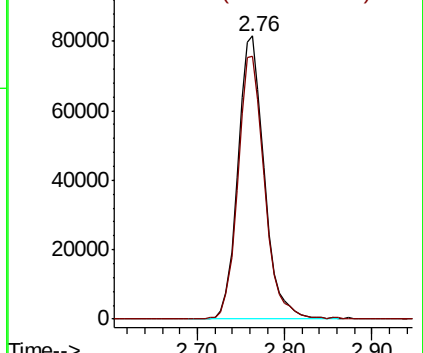
94 100

96 92.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.881 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW005242.D

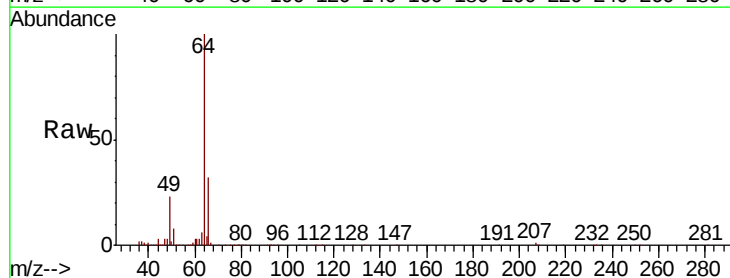
Acq: 10 Sep 2018 15:23

Tgt Ion: 64 Resp: 145797

Ion Ratio Lower Upper

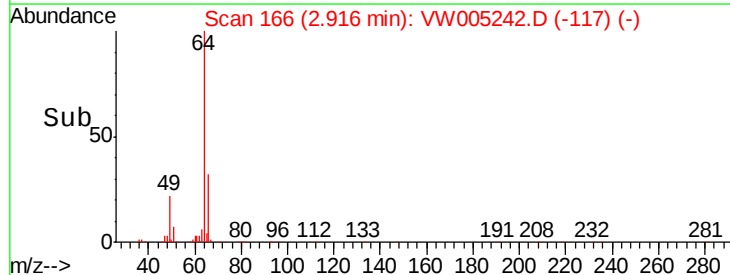
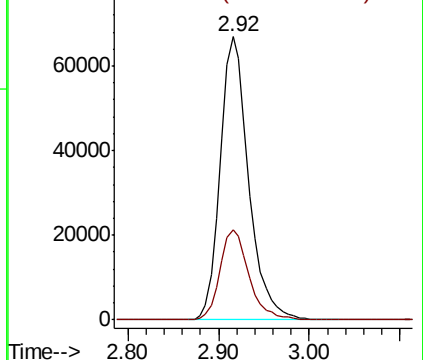
64 100

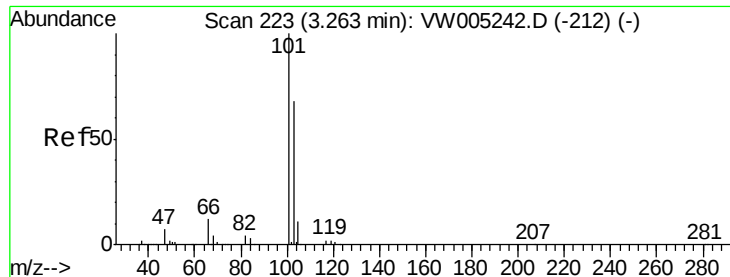
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



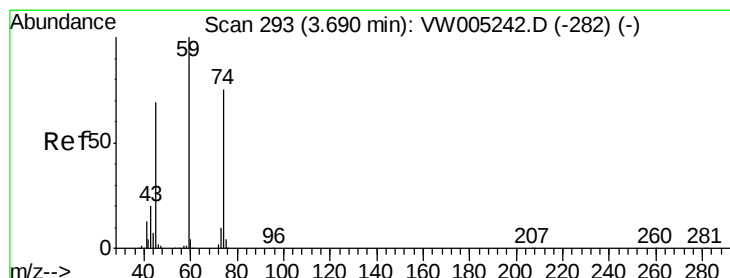
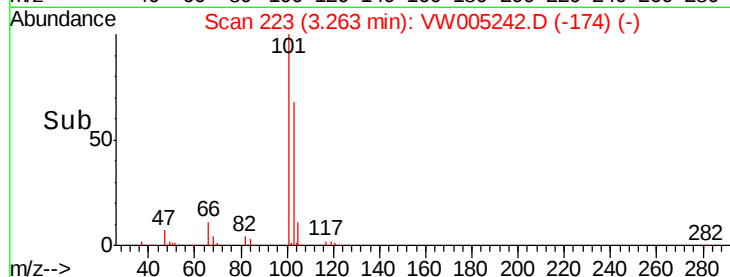
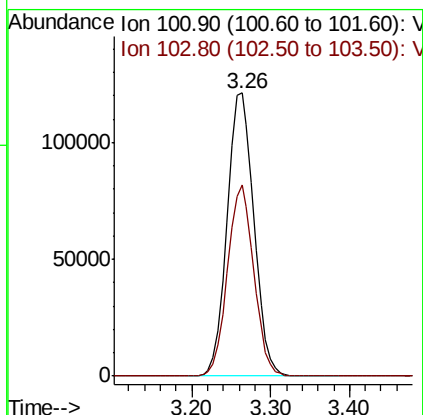
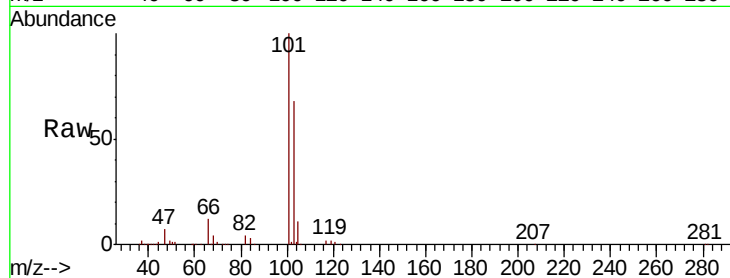


#7

Trichlorofluoromethane
 Concen: 44.863 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

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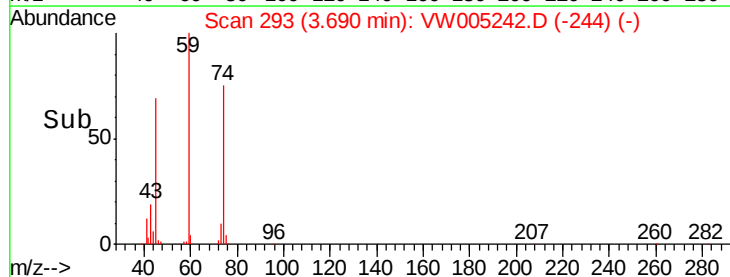
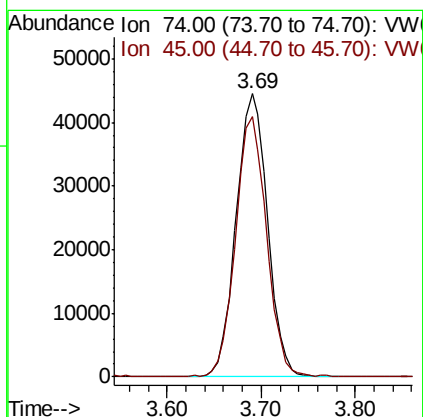
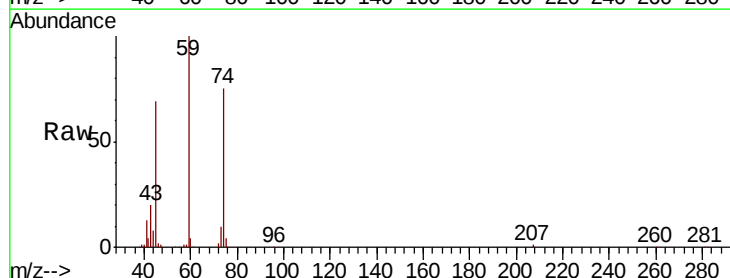
Tgt Ion: 101 Resp: 286526
 Ion Ratio Lower Upper
 101 100
 103 67.6 54.1 81.1

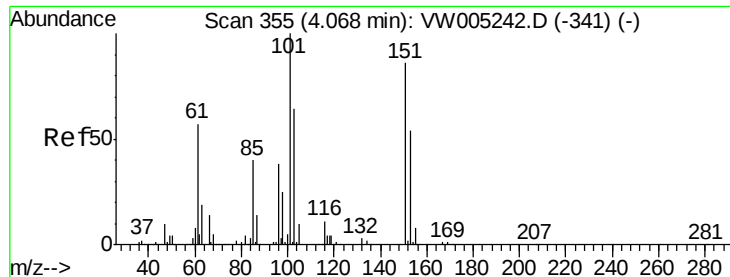


#8

Diethyl Ether
 Concen: 45.534 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 74 Resp: 103640
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.503 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005242.D

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VSTDICCC050

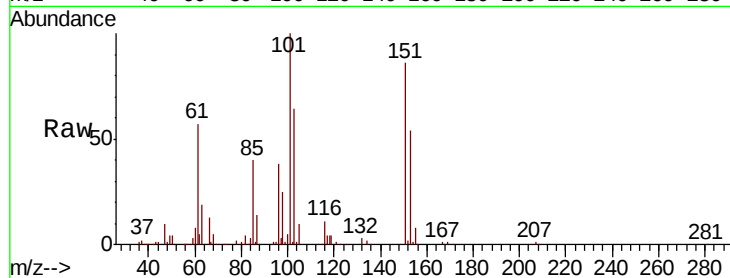
Tgt Ion:101 Resp: 207581

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

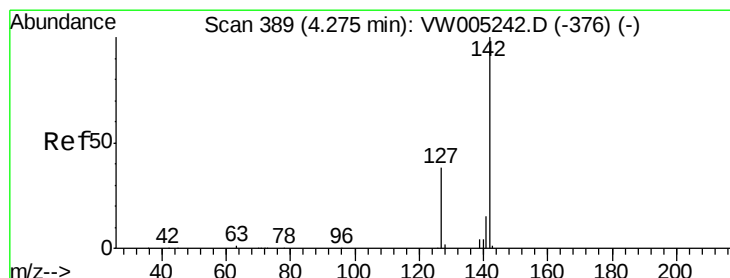
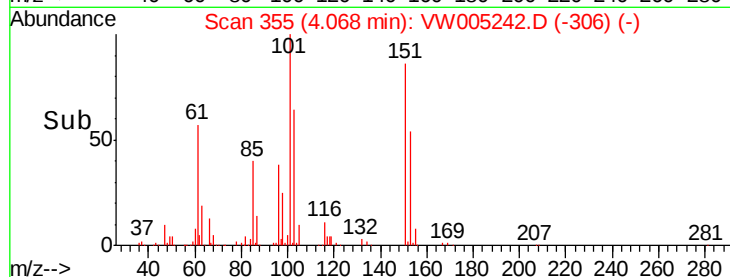
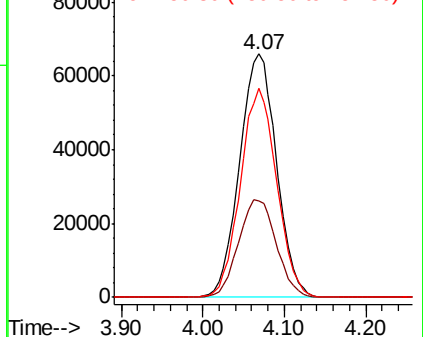
151 84.5 67.6 101.4



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: 54.835 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

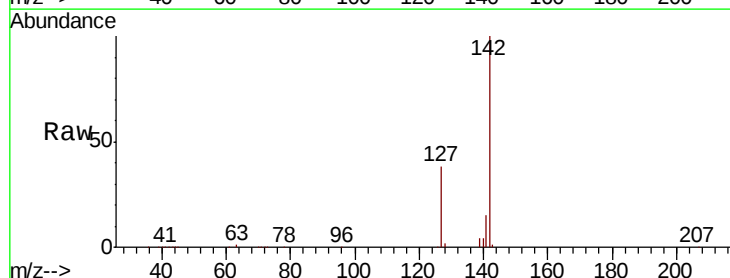
Tgt Ion:142 Resp: 275452

Ion Ratio Lower Upper

142 100

127 37.9 30.3 45.5

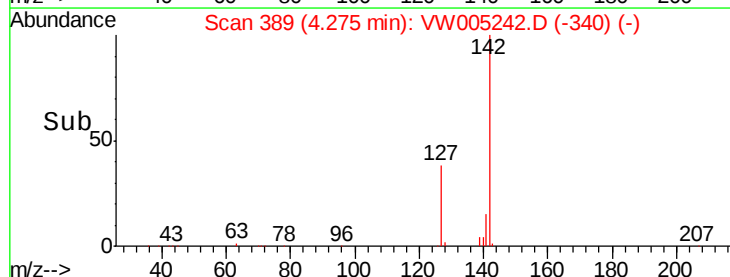
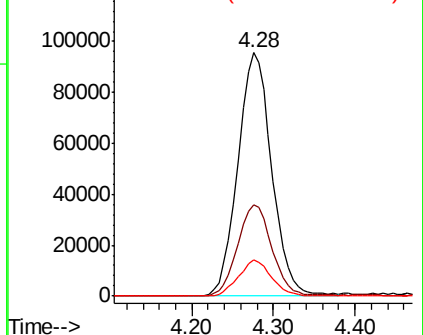
141 14.2 11.4 17.0

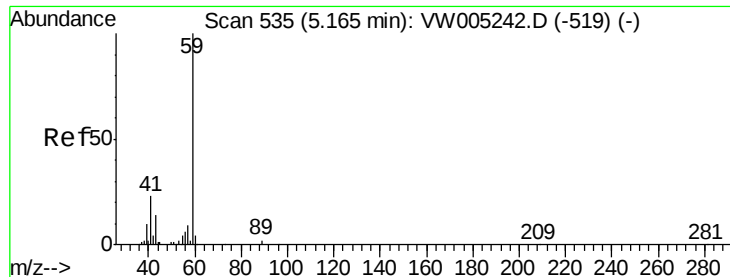


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

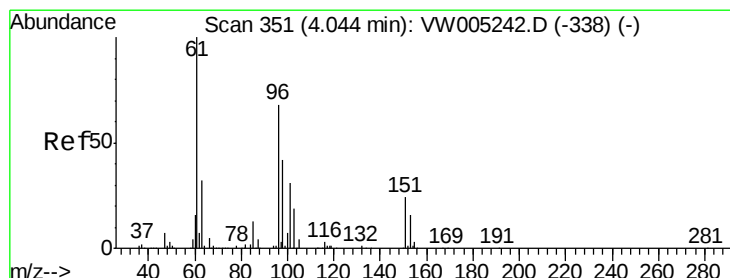
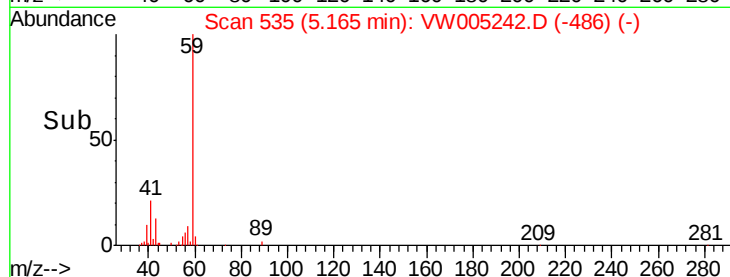
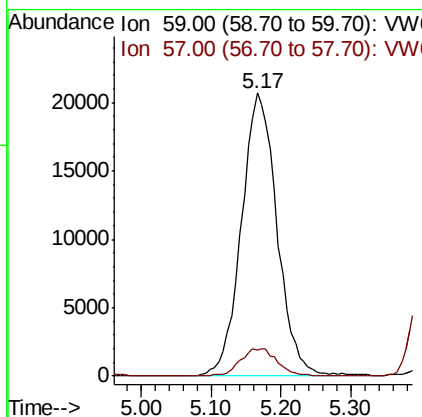
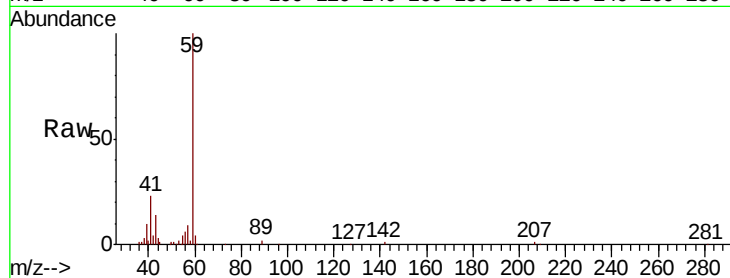




#11
Tert butyl alcohol
Concen: 224.121 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

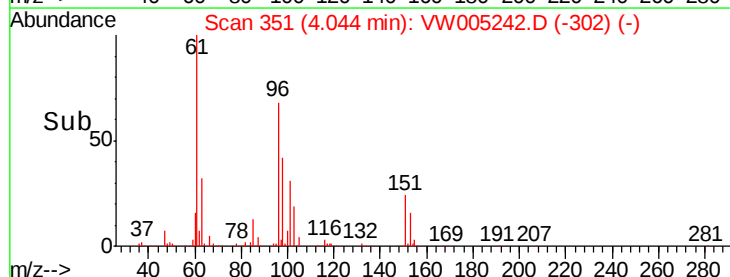
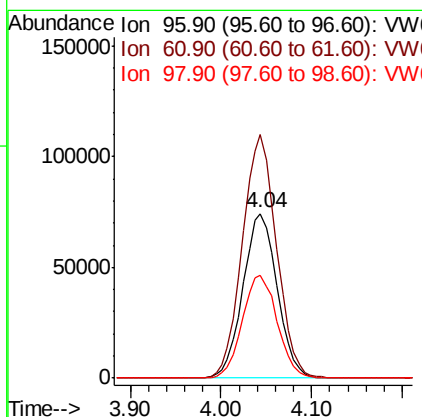
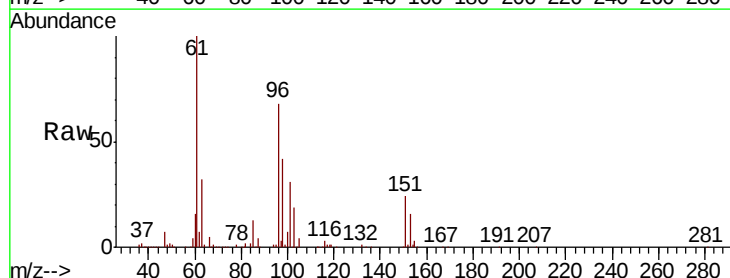
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

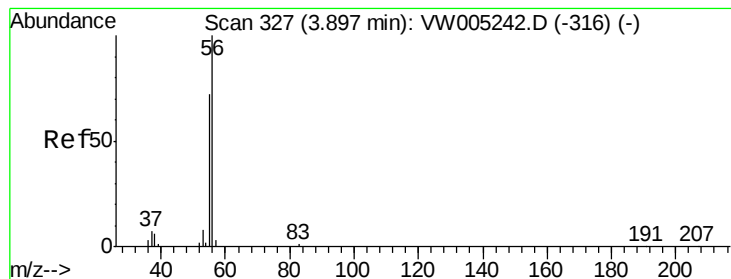
Tgt Ion: 59 Resp: 73101
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.217 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 96 Resp: 194131
Ion Ratio Lower Upper
96 100
61 147.7 118.2 177.2
98 62.4 49.9 74.9





#13

Acrolein

Concen: 226.889 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

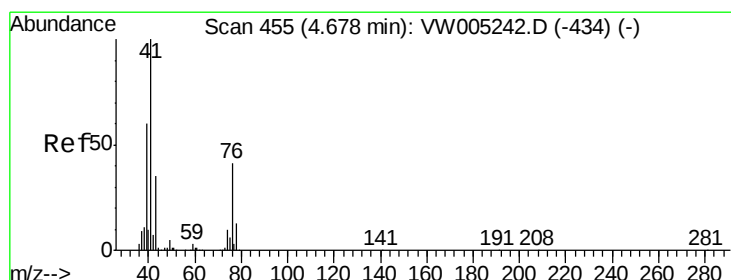
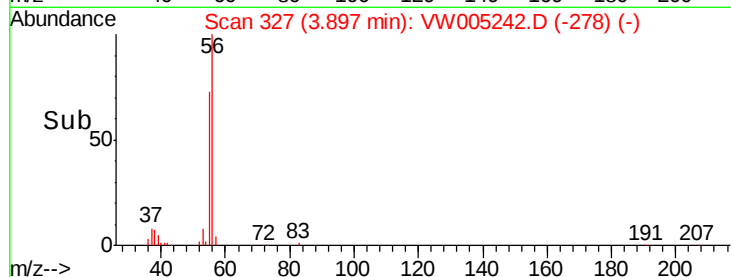
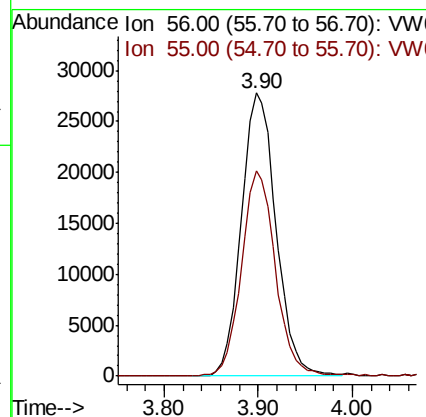
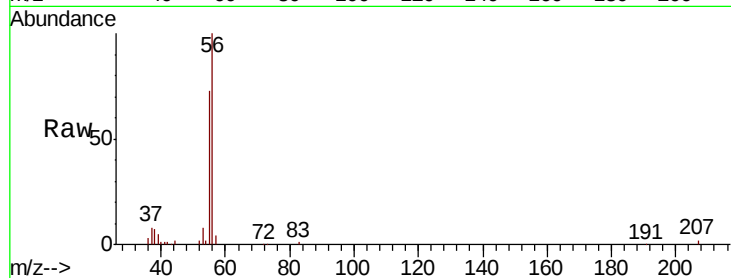
VSTDICCC050

Tgt Ion: 56 Resp: 71485

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 46.478 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

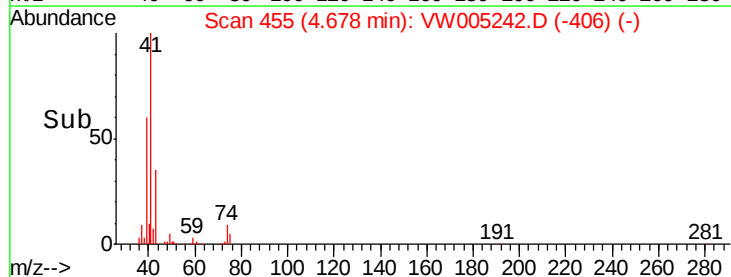
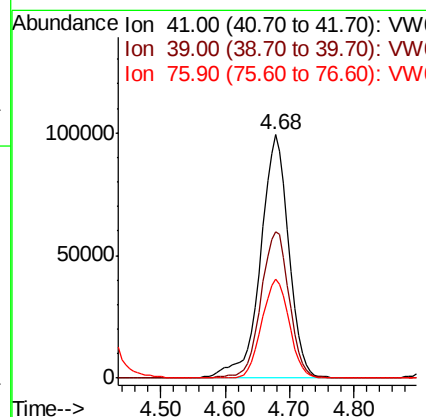
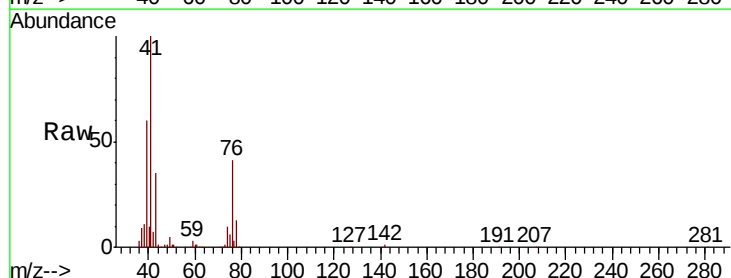
Tgt Ion: 41 Resp: 299975

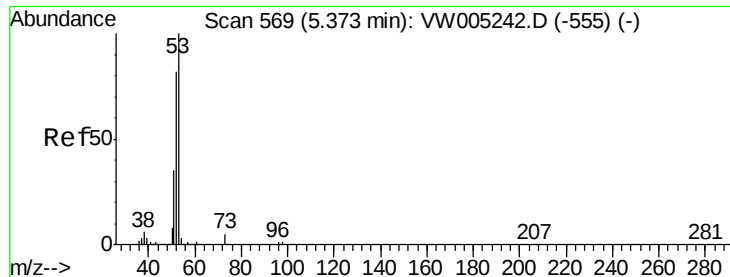
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 237.104 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

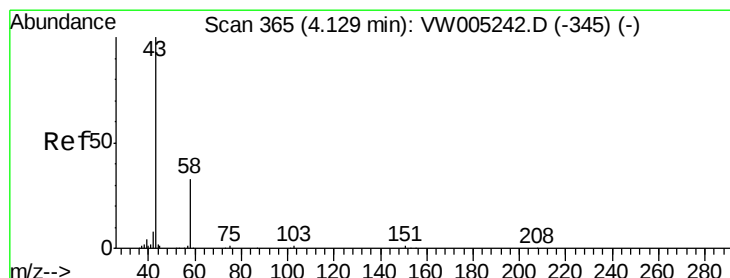
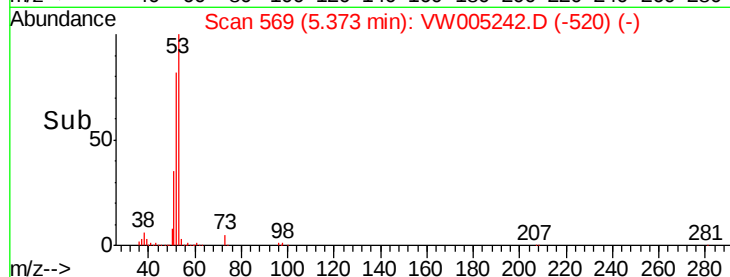
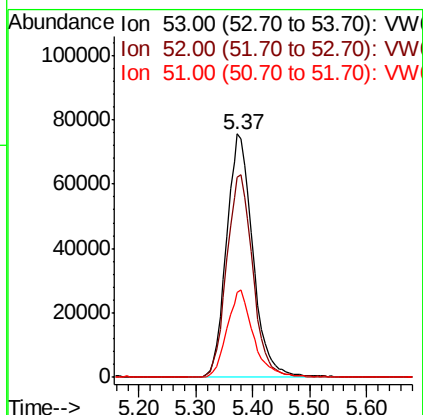
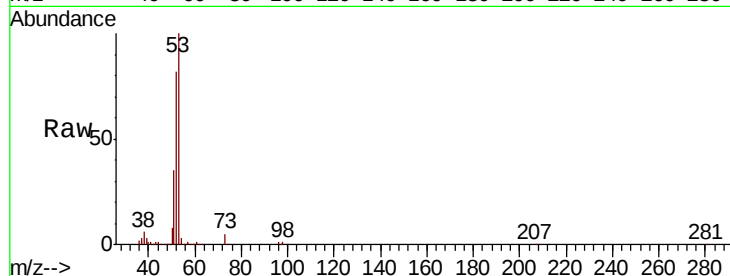
Tgt Ion: 53 Resp: 243479

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 35.8 28.6 43.0



#16

Acetone

Concen: 231.535 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005242.D

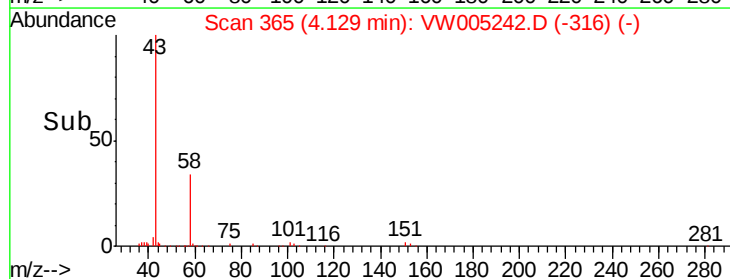
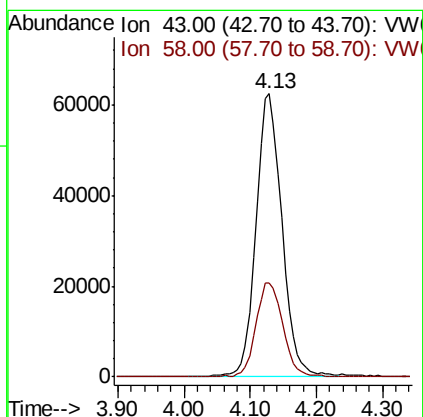
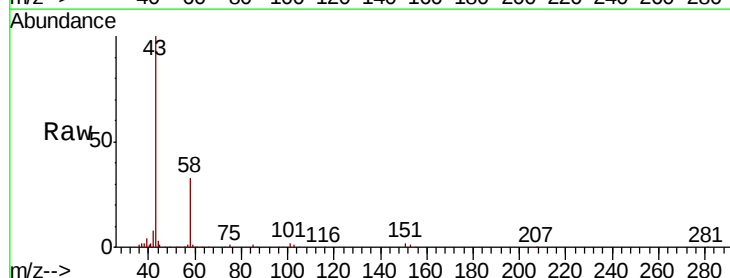
Acq: 10 Sep 2018 15:23

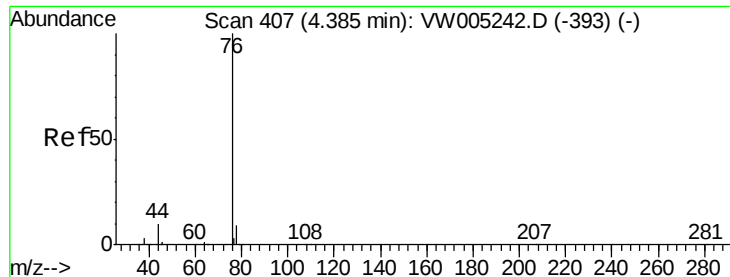
Tgt Ion: 43 Resp: 170929

Ion Ratio Lower Upper

43 100

58 33.4 26.7 40.1

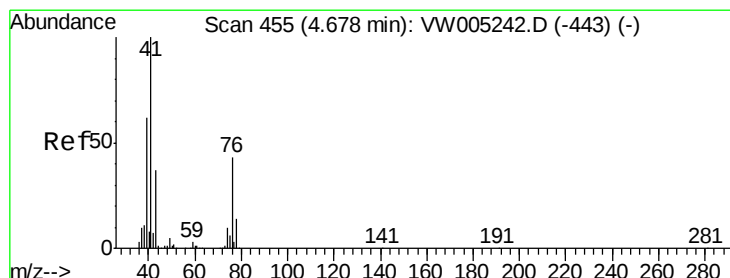
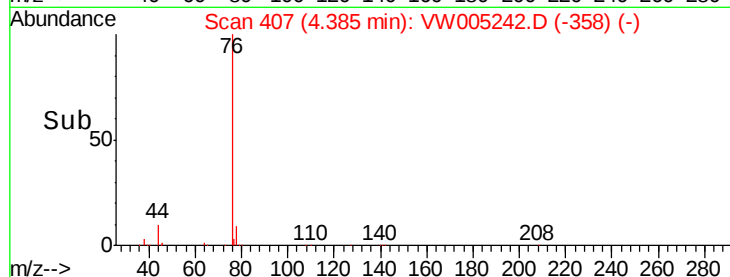
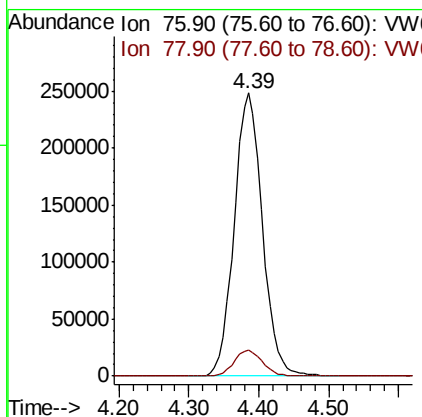
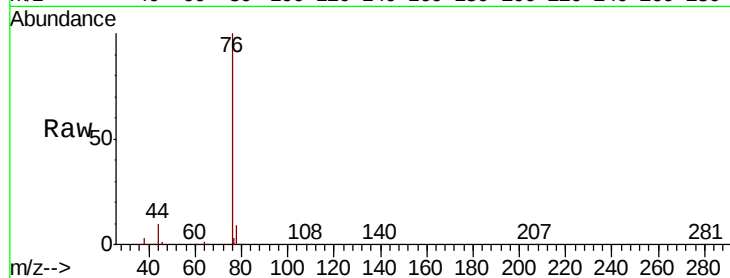




#17
Carbon Disulfide
Concen: 47.097 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

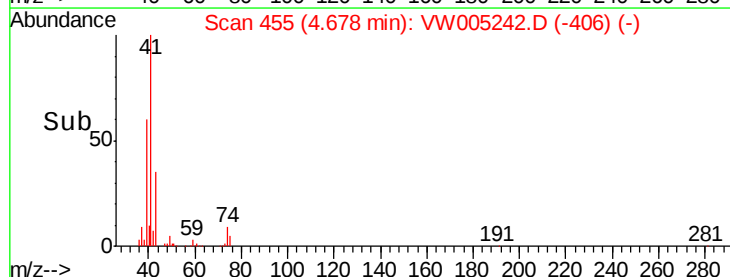
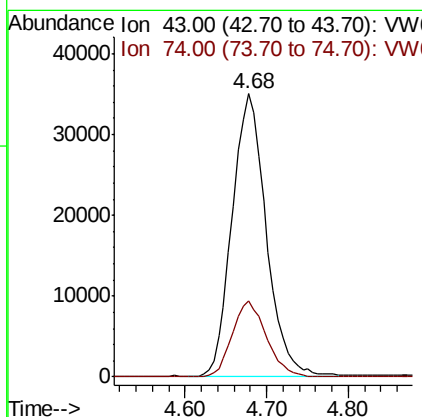
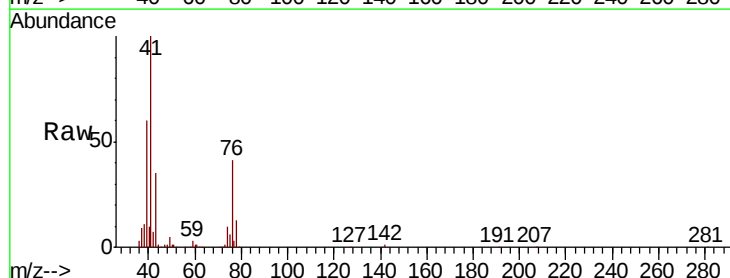
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

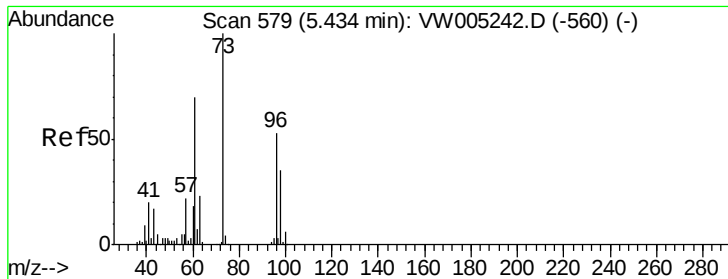
Tgt Ion: 76 Resp: 694393
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 45.932 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 43 Resp: 101224
Ion Ratio Lower Upper
43 100
74 26.8 21.4 32.2

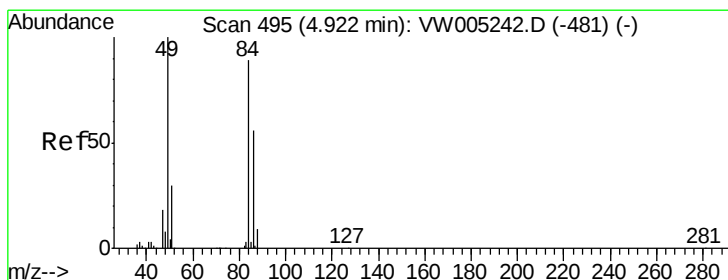
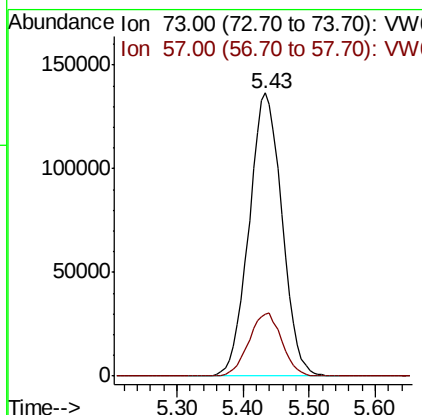
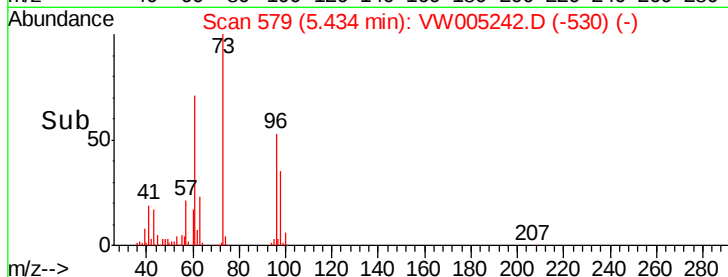
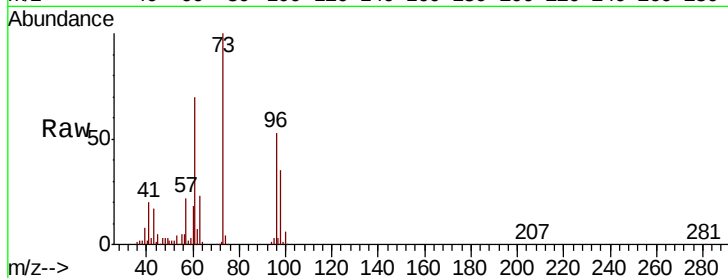




#19
Methyl tert-butyl Ether
Concen: 47.302 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

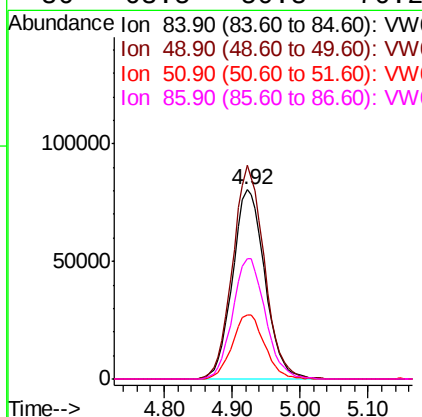
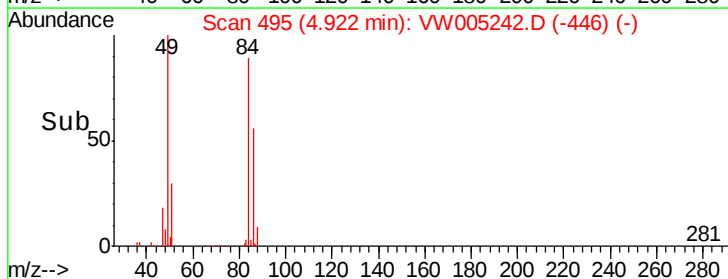
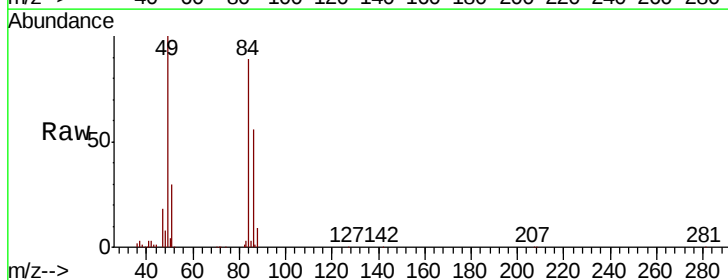
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

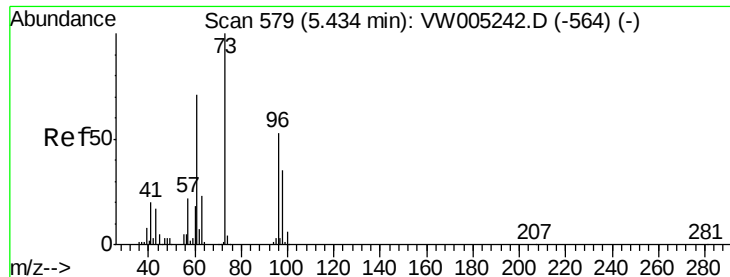
Tgt Ion: 73 Resp: 473231
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 42.544 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 84 Resp: 266207
Ion Ratio Lower Upper
84 100
49 112.9 90.3 135.5
51 33.6 26.9 40.3
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.348 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

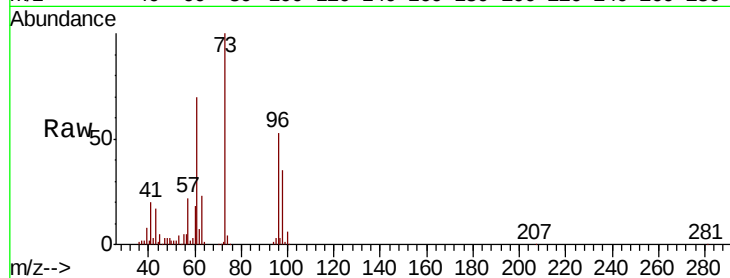
Tgt Ion: 96 Resp: 222404

Ion Ratio Lower Upper

96 100

61 132.1 105.7 158.5

98 66.0 52.8 79.2

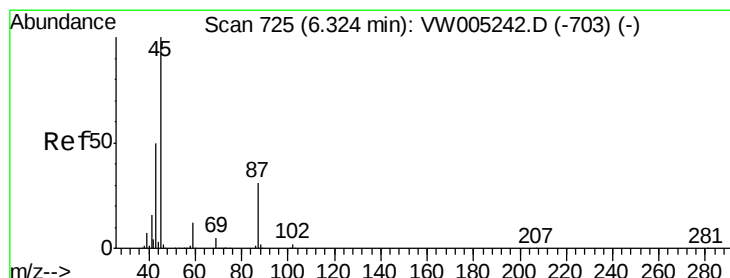
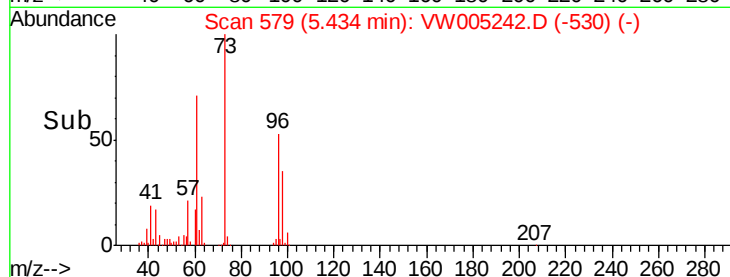
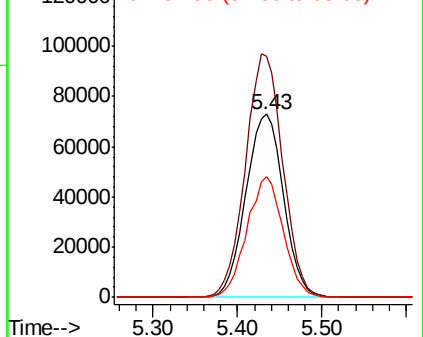


Abundance

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: 48.527 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion: 45 Resp: 630545

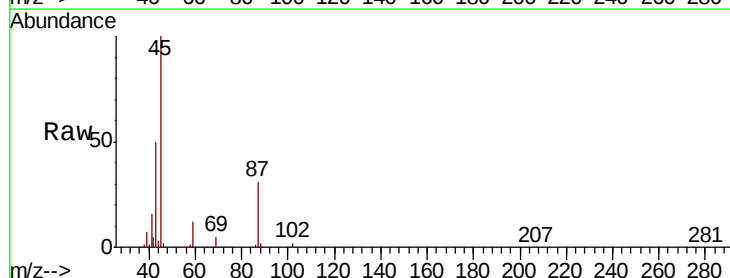
Ion Ratio Lower Upper

45 100

43 49.5 39.6 59.4

87 30.9 24.7 37.1

59 12.1 9.7 14.5



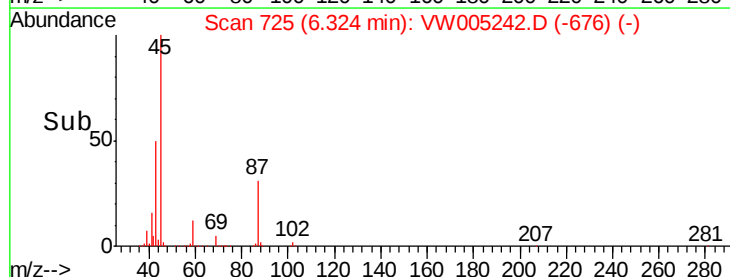
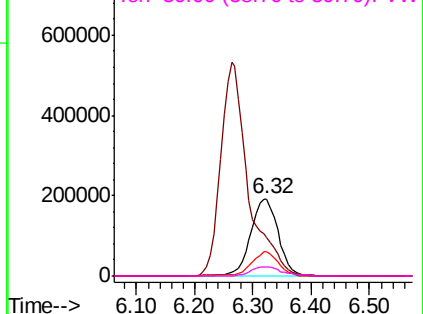
Abundance

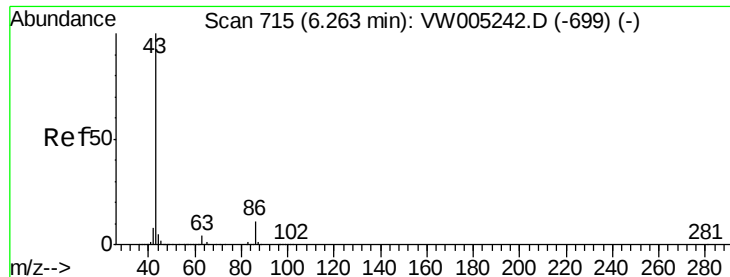
Ion 45.00 (44.70 to 45.70): VW

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

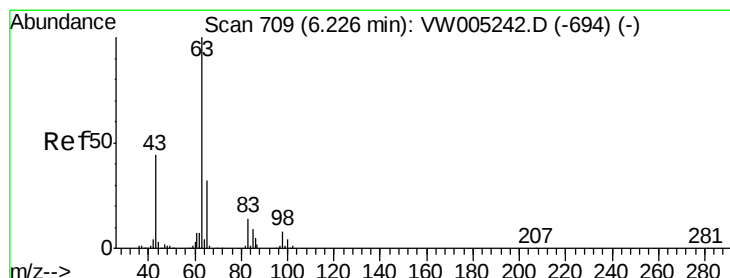
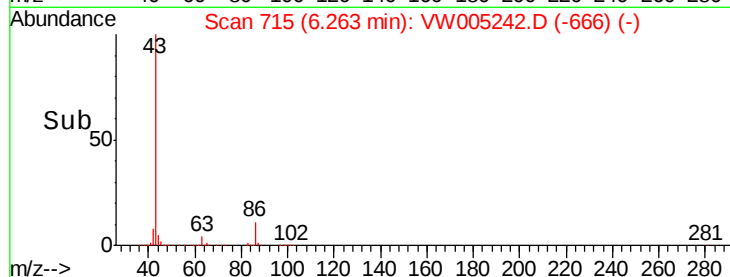
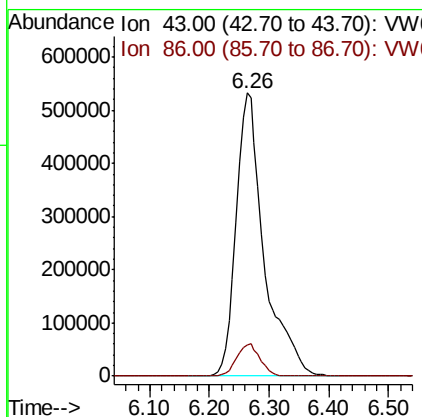
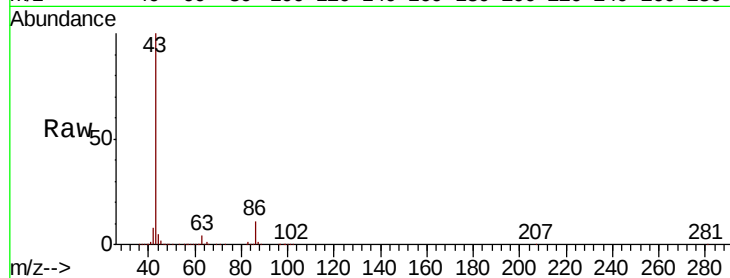




#23
 Vinyl Acetate
 Concen: 240.210 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

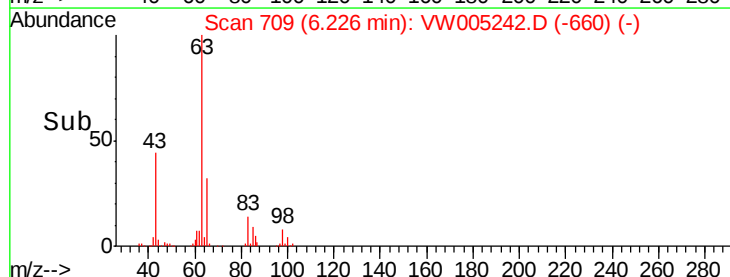
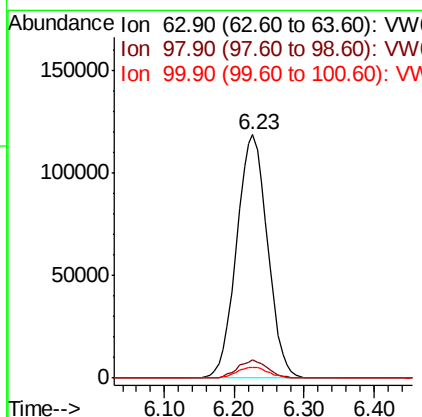
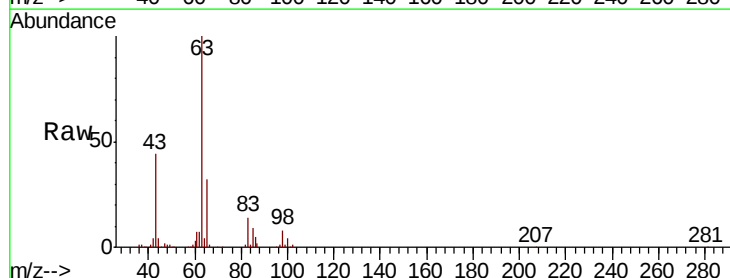
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

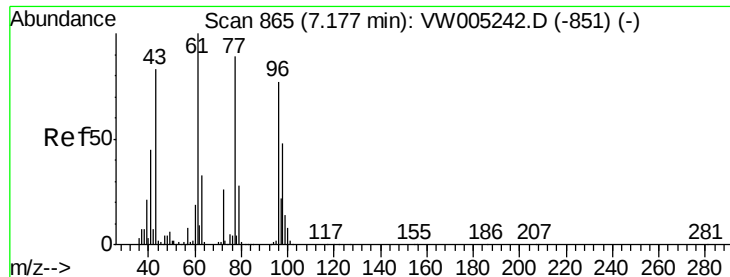
Tgt Ion: 43 Resp: 1739408
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 45.343 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 63 Resp: 362668
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 232.924 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

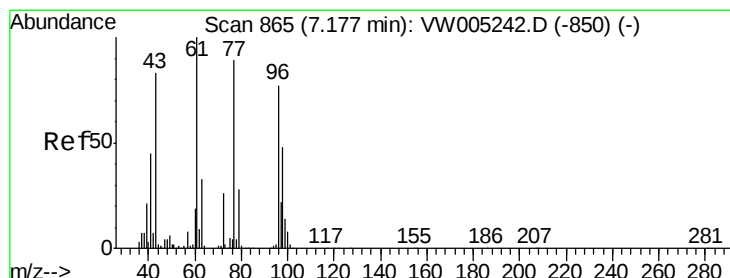
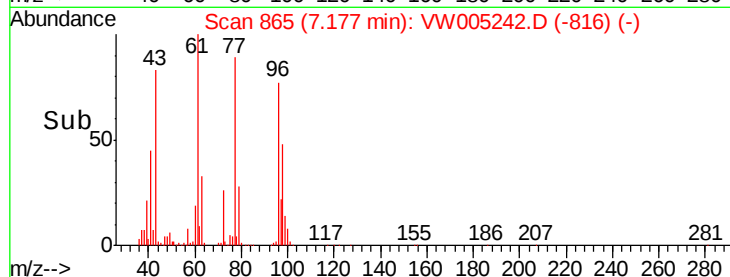
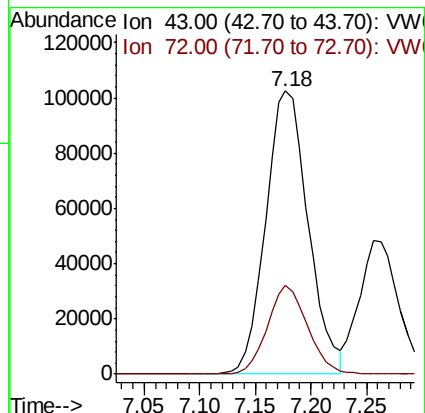
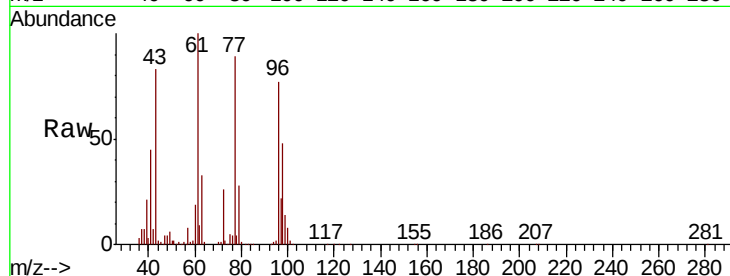
VSTDICCC050

Tgt Ion: 43 Resp: 271234

Ion Ratio Lower Upper

43 100

72 31.3 25.0 37.6



#26

2,2-Dichloropropane

Concen: 46.480 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005242.D

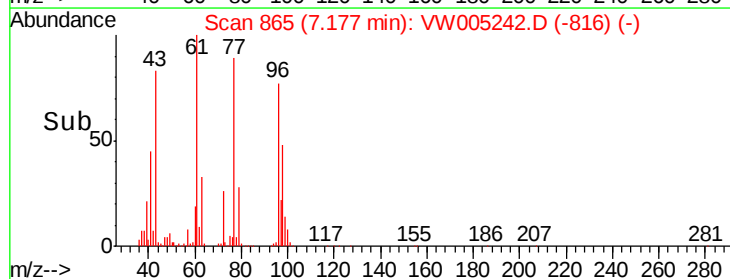
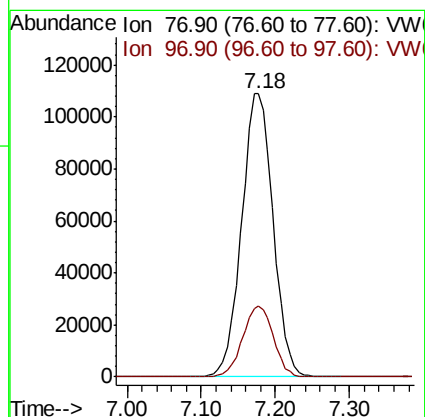
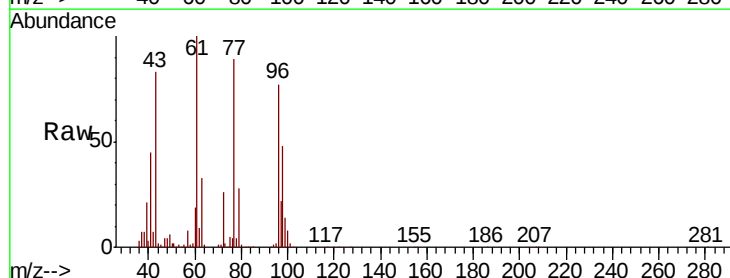
Acq: 10 Sep 2018 15:23

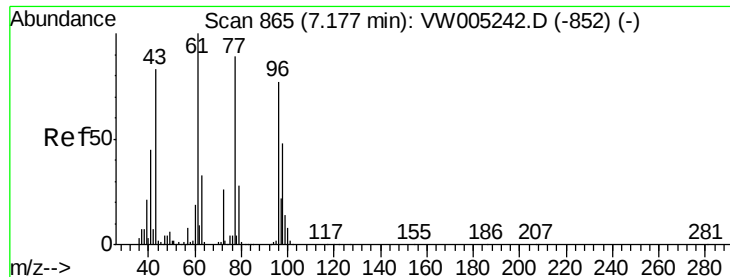
Tgt Ion: 77 Resp: 322323

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6



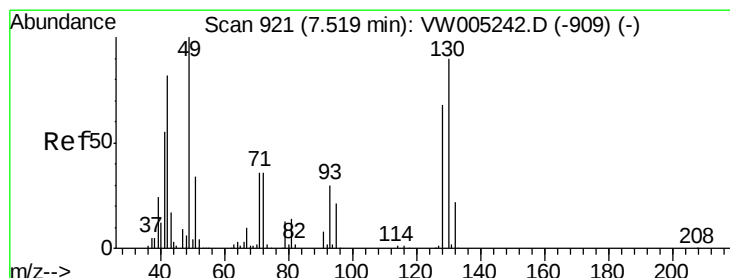
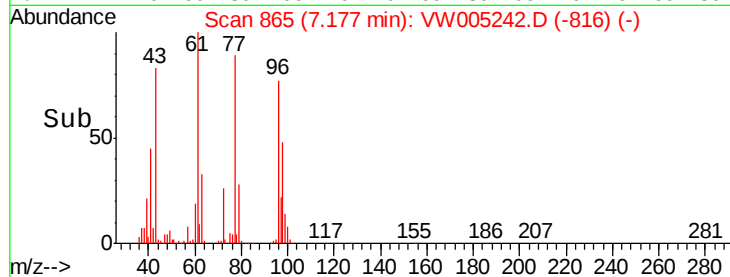
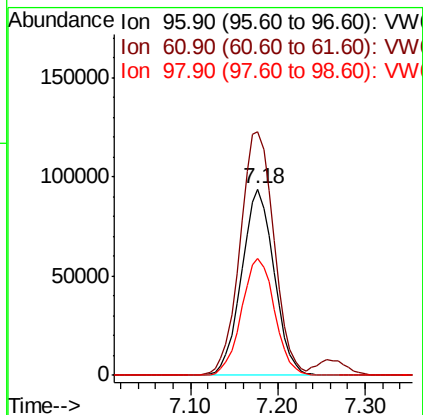
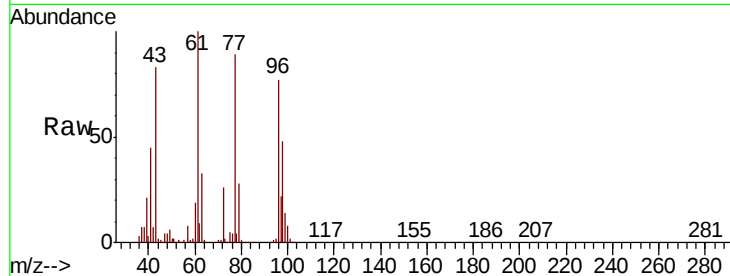


#27

cis-1,2-Dichloroethene
 Concen: 46.135 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

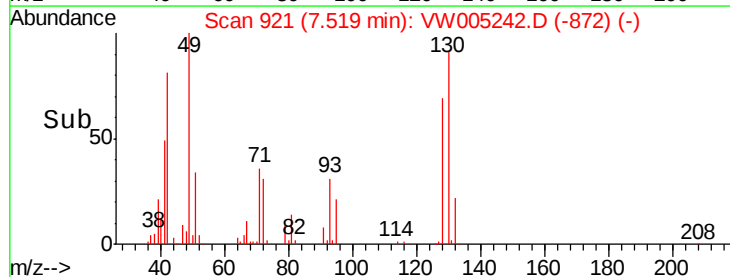
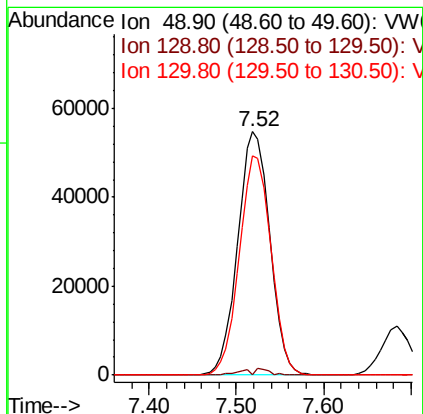
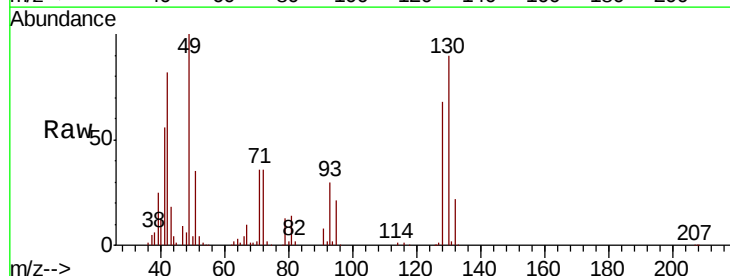
Tgt Ion: 96 Resp: 242152
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 273.4
 98 63.9 0.0 127.8

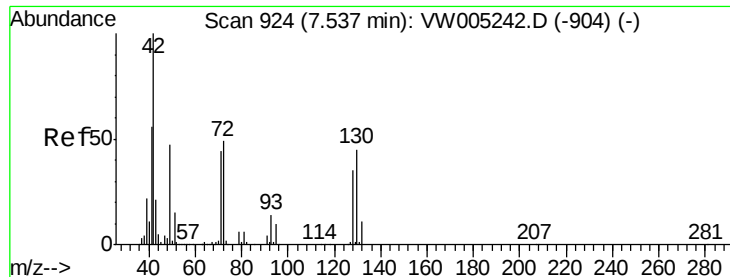


#28

Bromochloromethane
 Concen: 47.445 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 49 Resp: 139996
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 89.0 71.2 106.8





#29

Tetrahydrofuran

Concen: 238.060 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

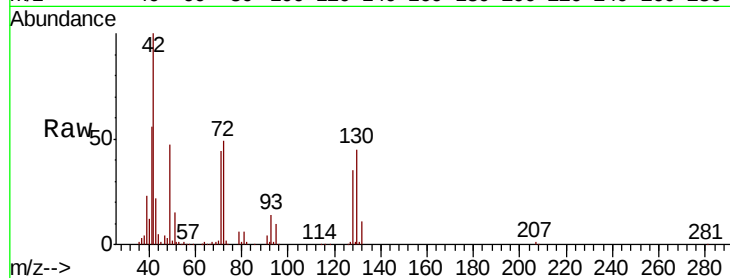
Tgt Ion: 42 Resp: 186814

Ion Ratio Lower Upper

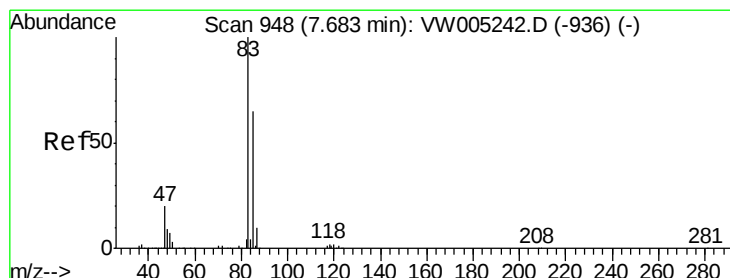
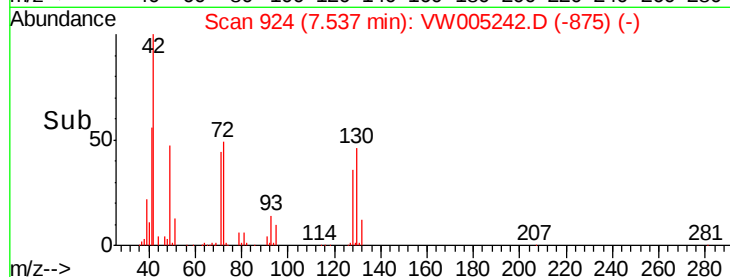
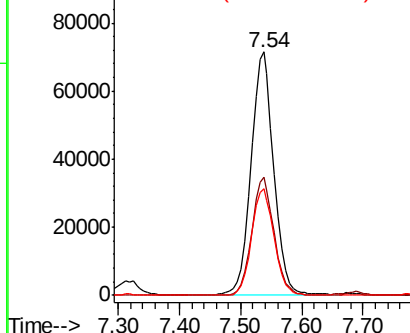
42 100

72 46.9 37.5 56.3

71 43.5 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 46.426 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW005242.D

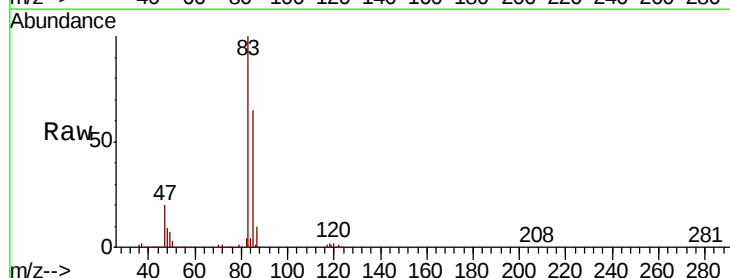
Acq: 10 Sep 2018 15:23

Tgt Ion: 83 Resp: 372653

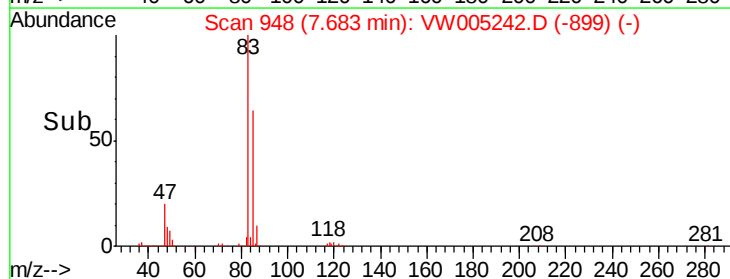
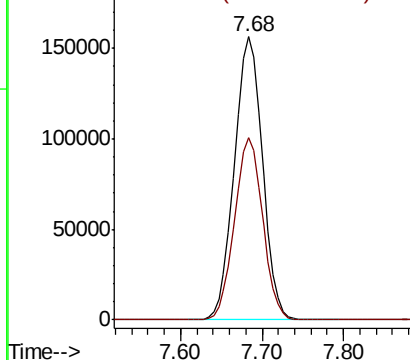
Ion Ratio Lower Upper

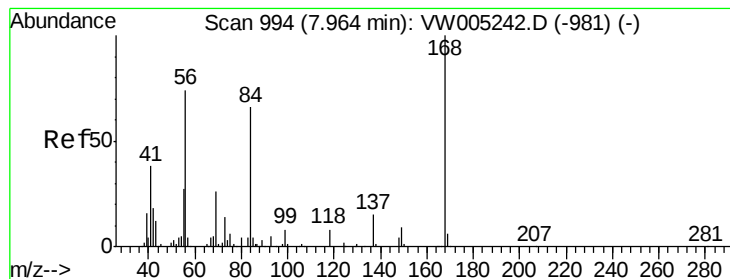
83 100

85 64.6 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 47.820 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

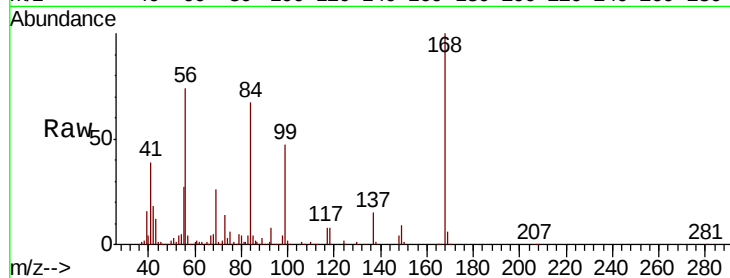
Tgt Ion: 56 Resp: 406980

Ion Ratio Lower Upper

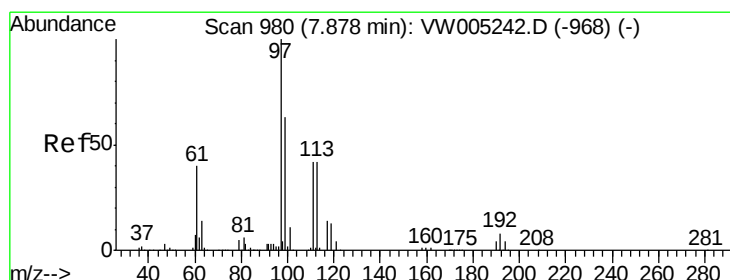
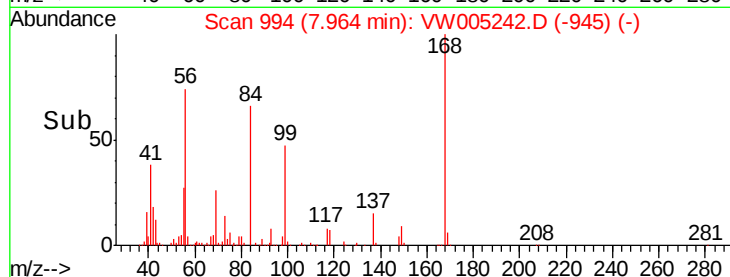
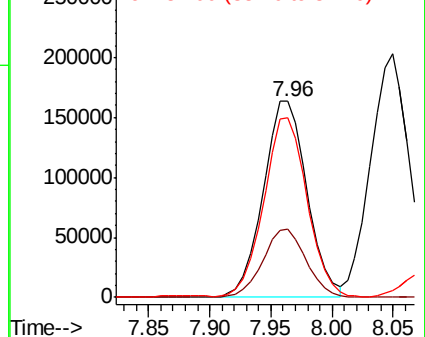
56 100

69 34.8 27.8 41.8

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: 47.872 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

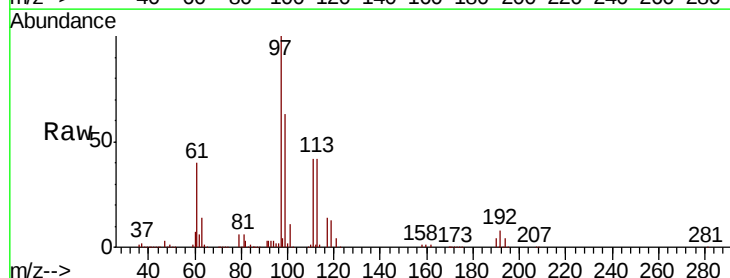
Tgt Ion: 97 Resp: 347145

Ion Ratio Lower Upper

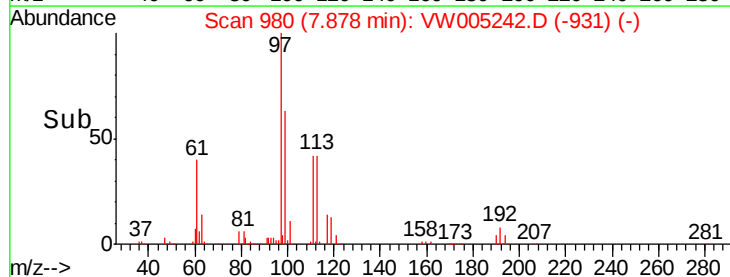
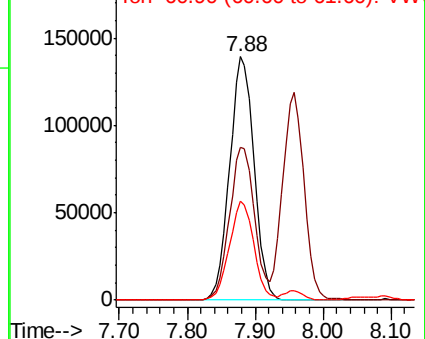
97 100

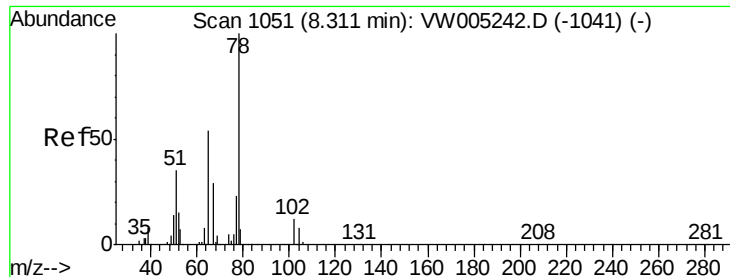
99 64.4 51.5 77.3

61 40.6 32.5 48.7



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

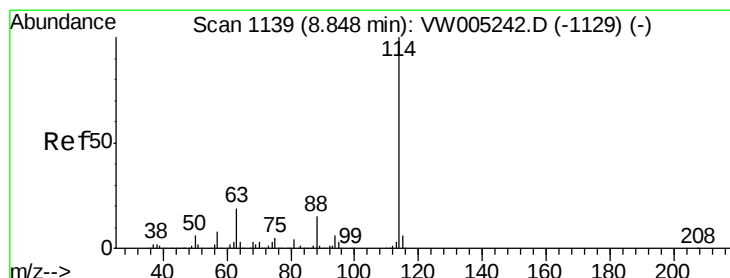
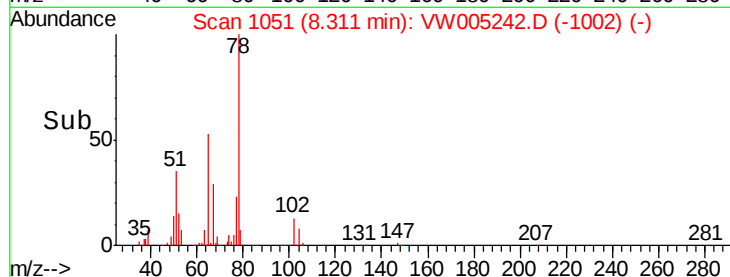
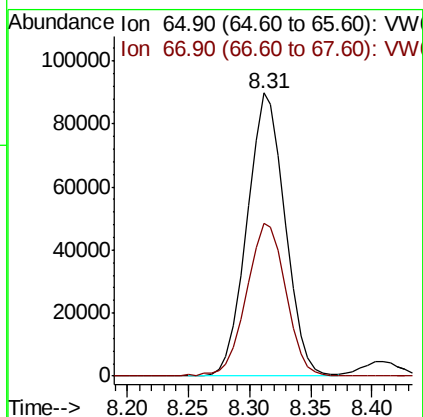
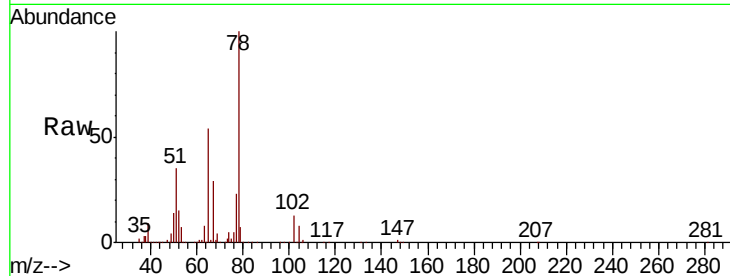




#33
 1,2-Dichloroethane-d4
 Concen: 48.751 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

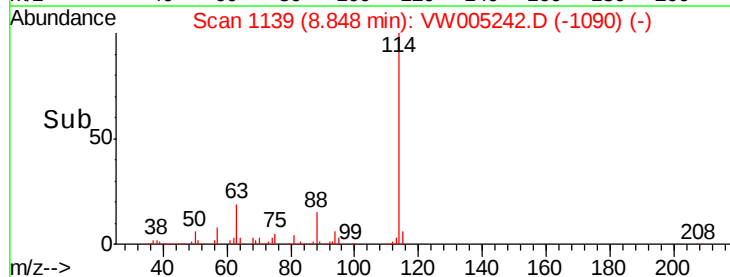
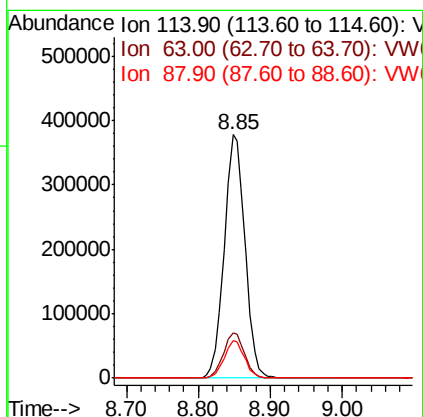
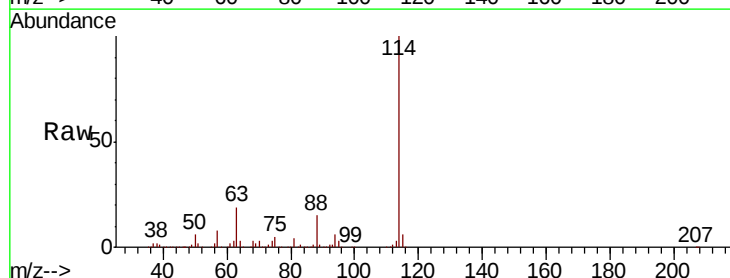
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

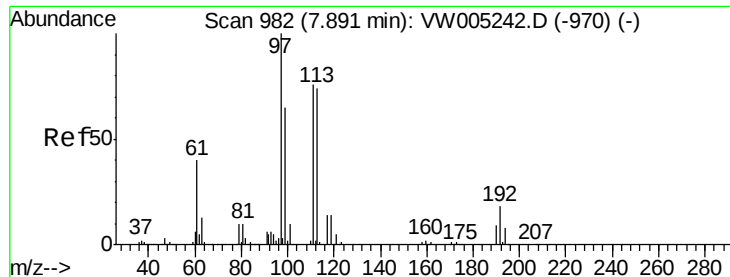
Tgt Ion: 65 Resp: 193896
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 114 Resp: 757579
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.0
 88 15.2 0.0 30.4

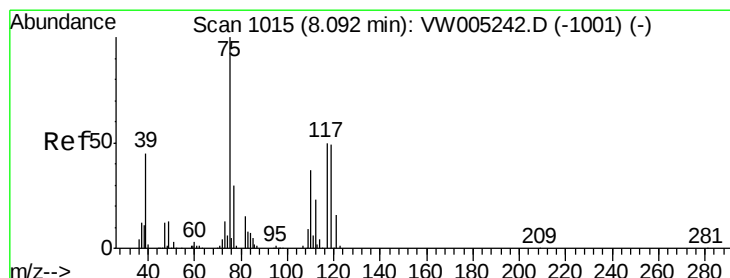
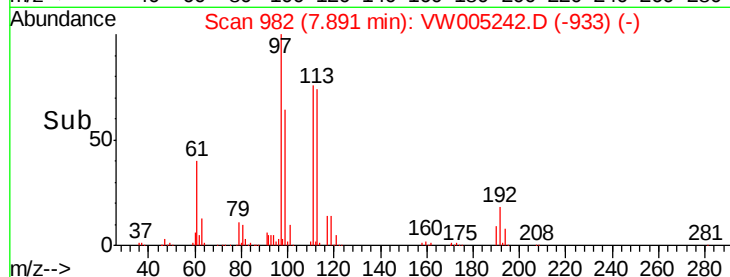
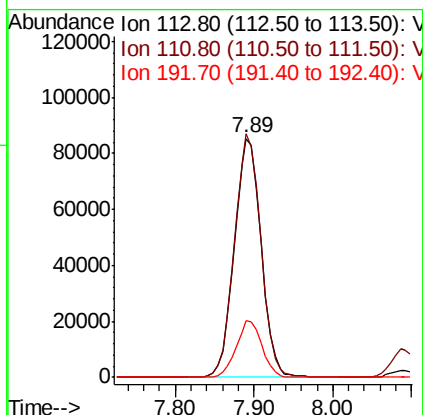
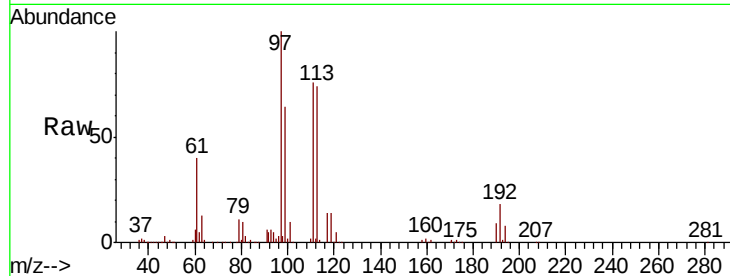




#35
 Dibromofluoromethane
 Concen: 50.751 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

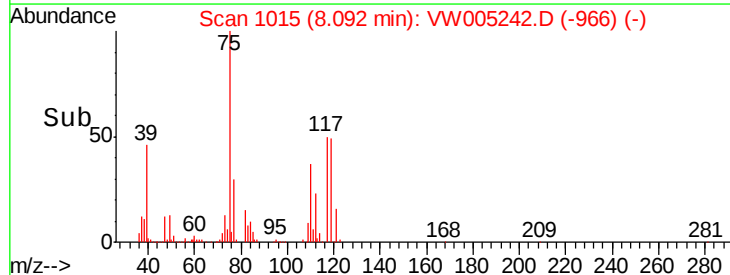
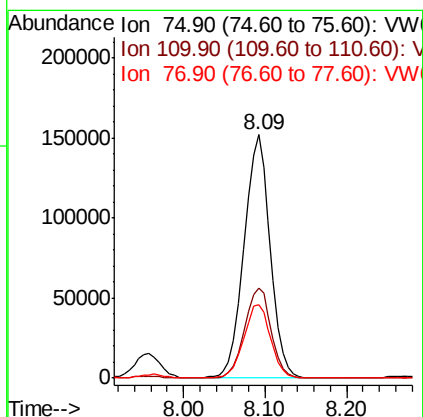
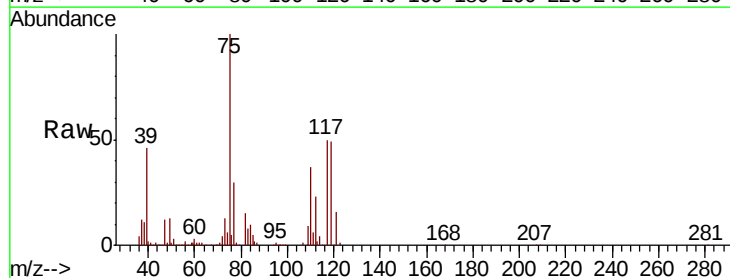
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

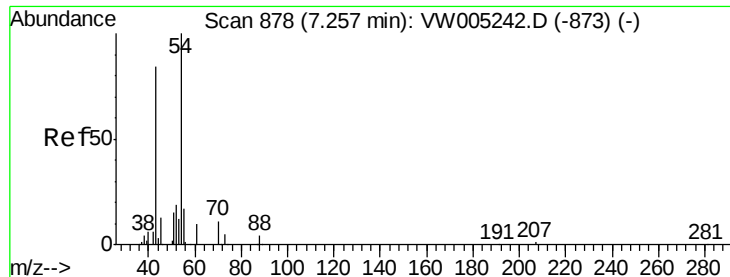
Tgt Ion: 113 Resp: 201405
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.6 121.0
 192 22.9 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 48.701 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 75 Resp: 338021
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.8 56.4
 77 31.1 24.9 37.3

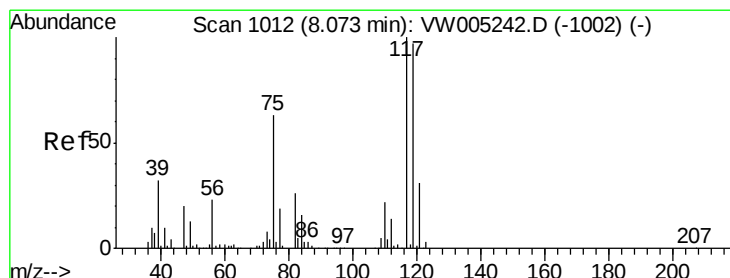
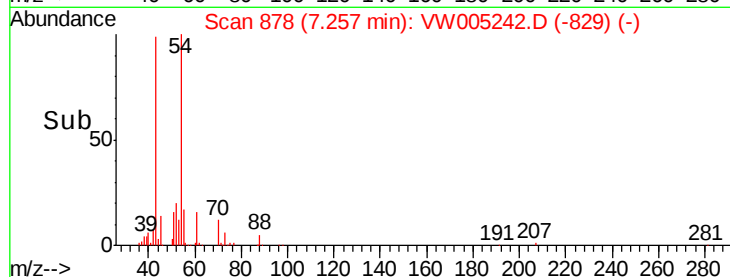
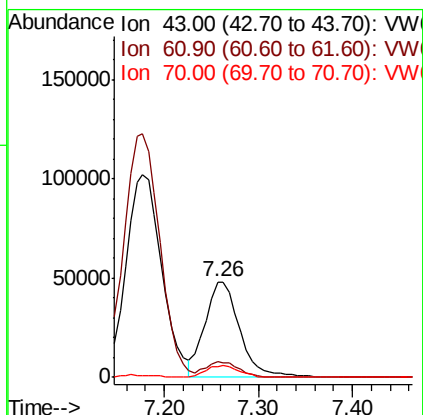
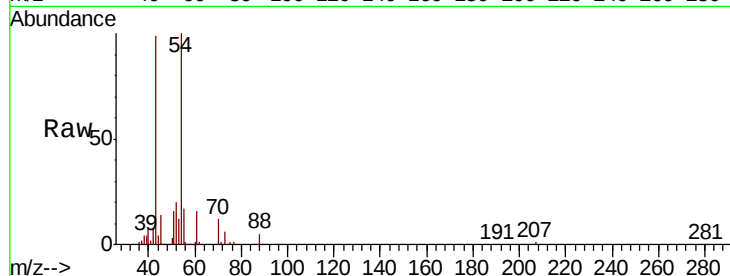




#37
Ethyl Acetate
Concen: 46.083 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

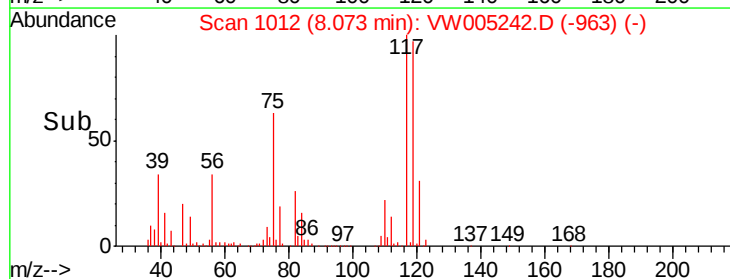
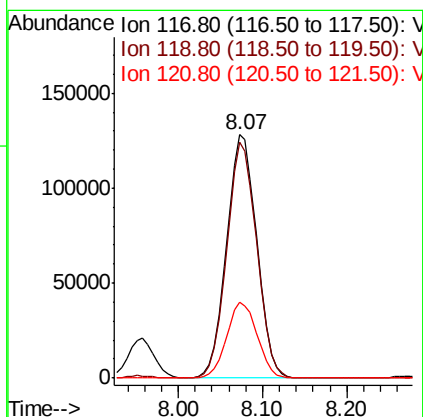
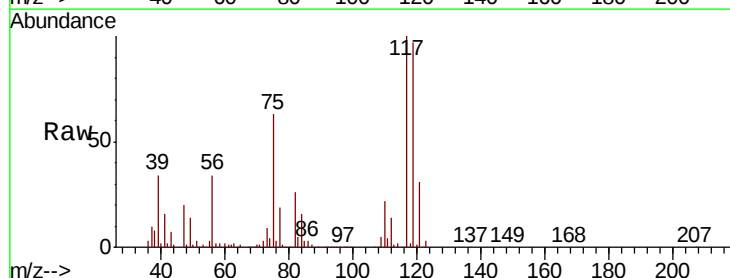
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

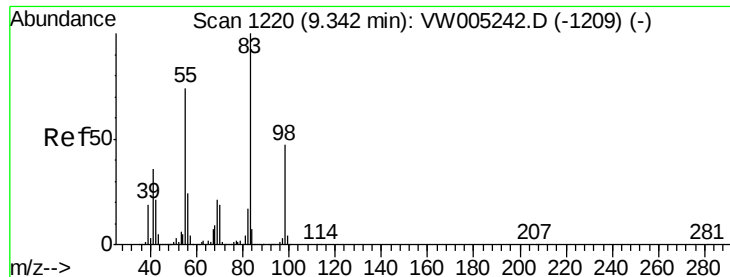
Tgt Ion: 43 Resp: 121658
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 11.9 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.939 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 117 Resp: 311686
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.9 24.7 37.1

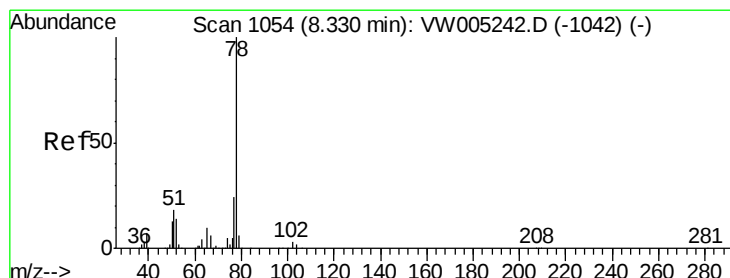
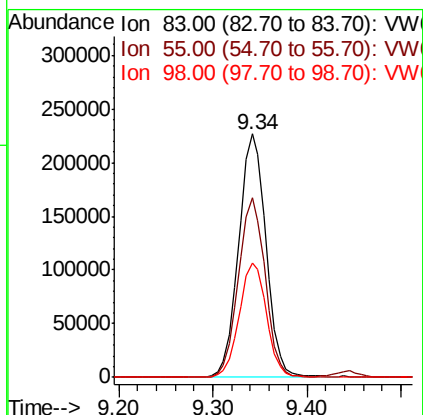
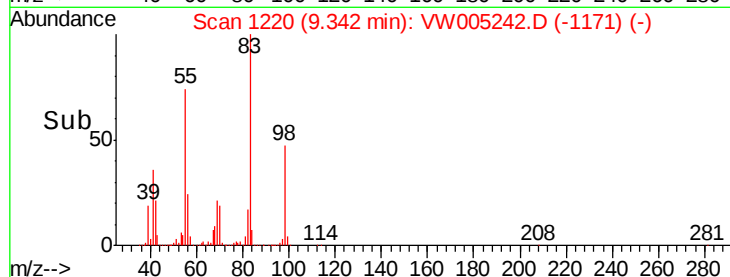
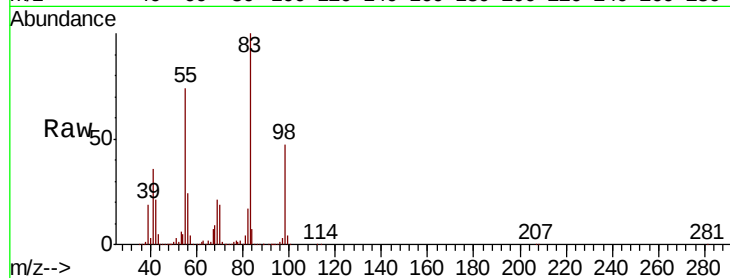




#39
Methylcyclohexane
Concen: 49.845 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

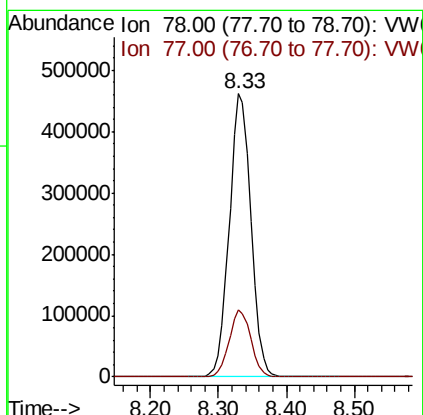
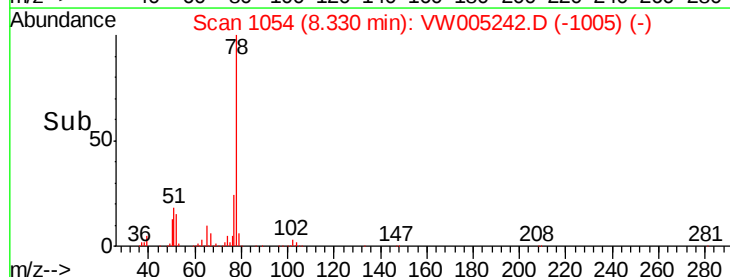
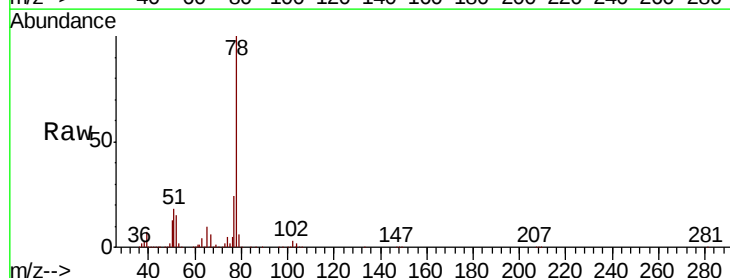
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

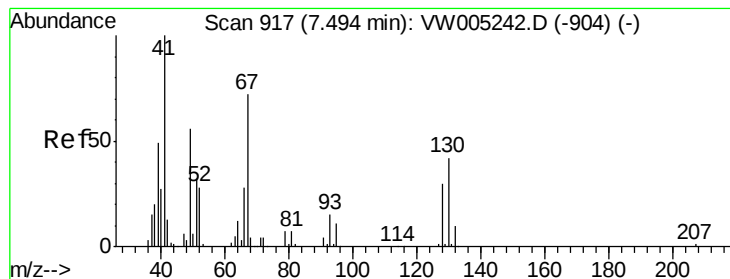
Tgt Ion: 83 Resp: 459333
Ion Ratio Lower Upper
83 100
55 73.6 58.9 88.3
98 47.0 37.6 56.4



#40
Benzene
Concen: 49.795 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 78 Resp: 1018207
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 51.169 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 69304

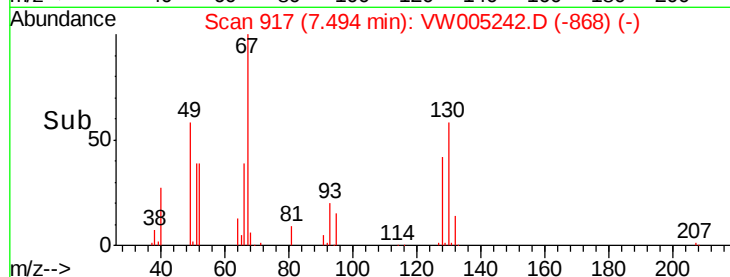
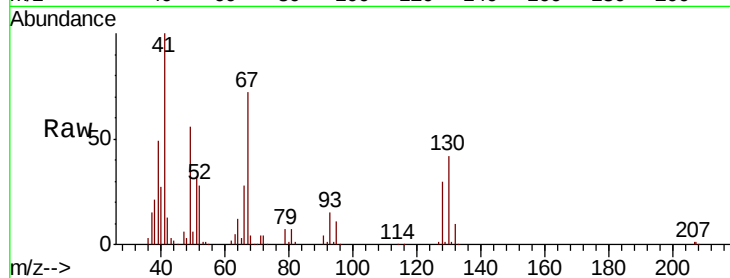
Ion Ratio Lower Upper

41 100

39 49.9 39.9 59.9

67 82.1 65.7 98.5

52 31.4 25.1 37.7

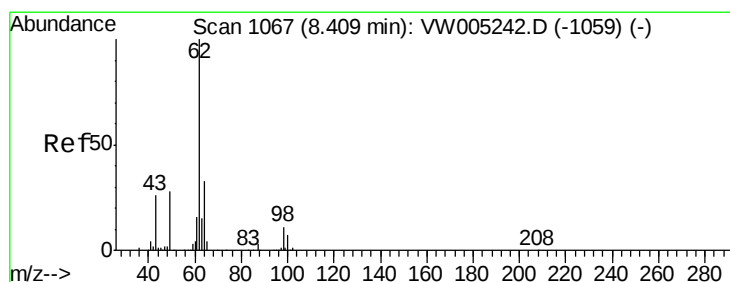
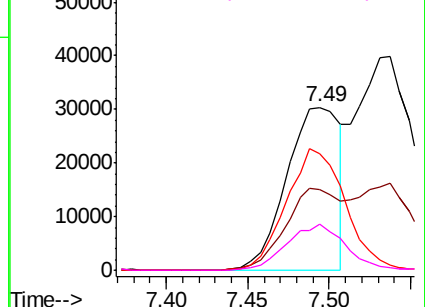


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 46.434 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VW005242.D

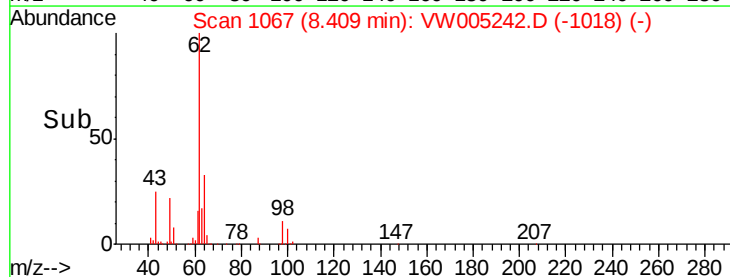
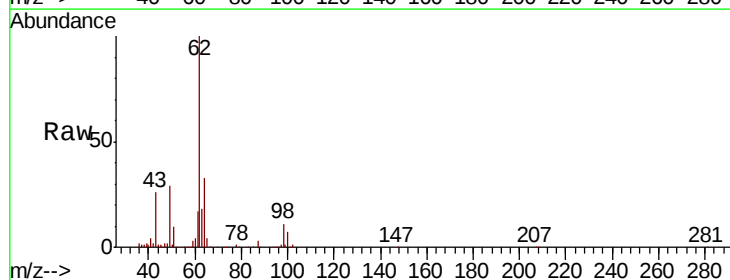
Acq: 10 Sep 2018 15:23

Tgt Ion: 62 Resp: 227149

Ion Ratio Lower Upper

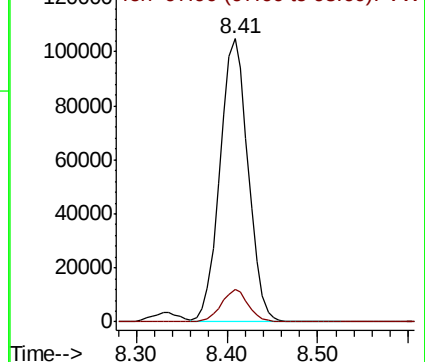
62 100

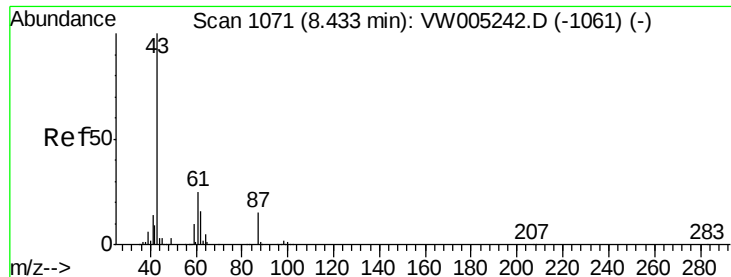
98 11.0 0.0 22.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

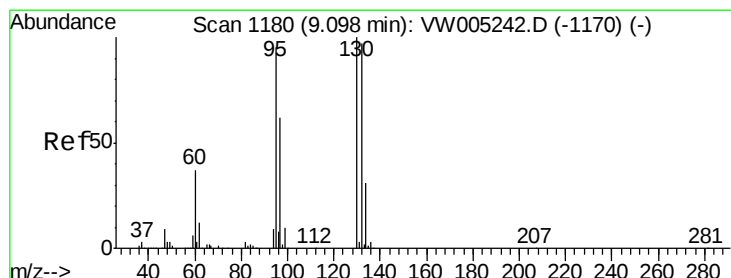
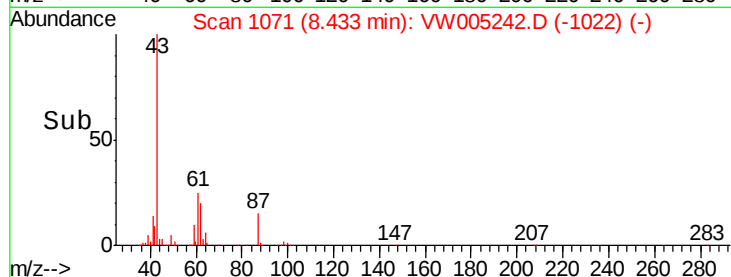
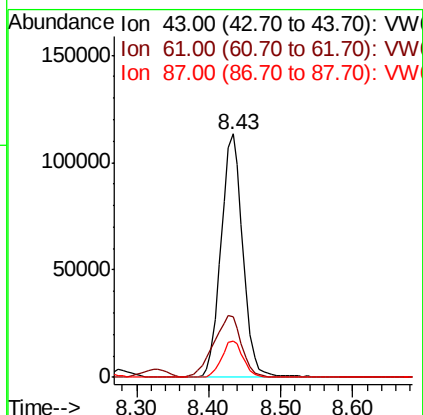
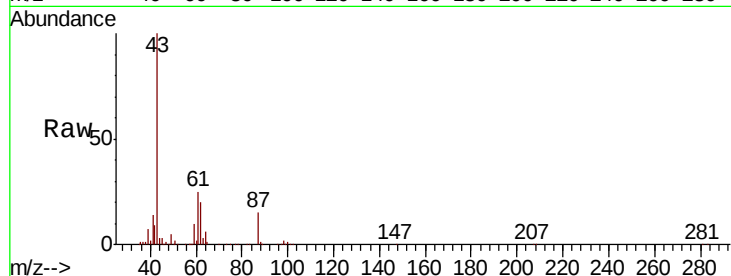




#43
Isopropyl Acetate
Concen: 48.546 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

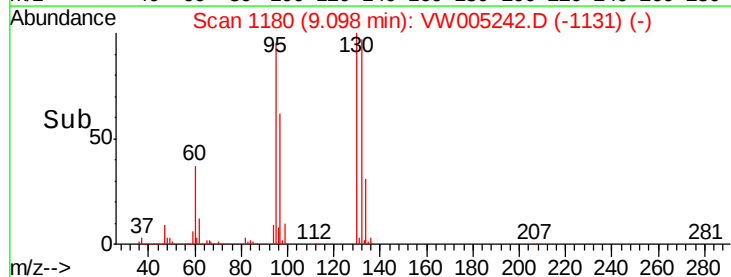
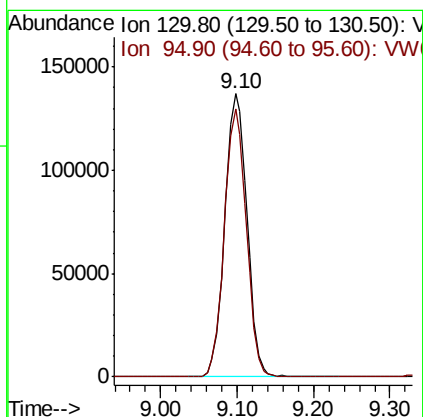
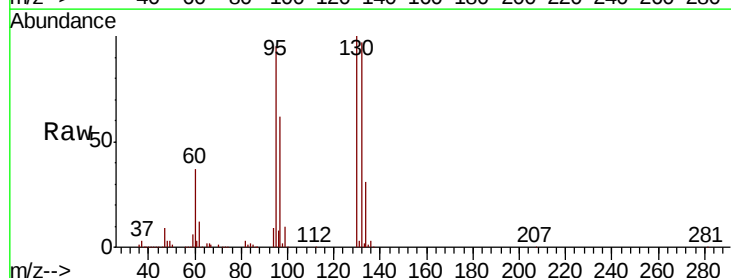
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

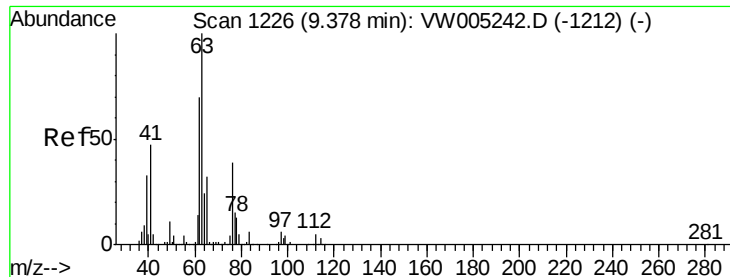
Tgt Ion: 43 Resp: 237991
Ion Ratio Lower Upper
43 100
61 31.7 25.4 38.0
87 14.9 11.9 17.9



#44
Trichloroethene
Concen: 48.996 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 130 Resp: 274850
Ion Ratio Lower Upper
130 100
95 94.8 0.0 189.6

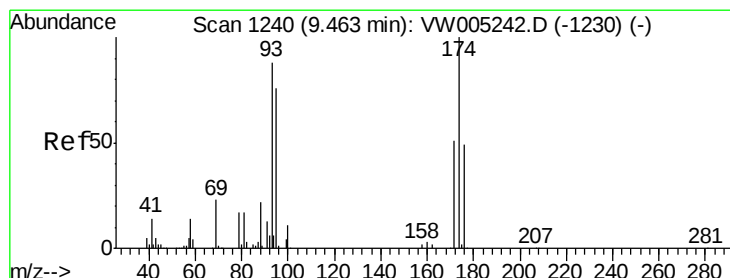
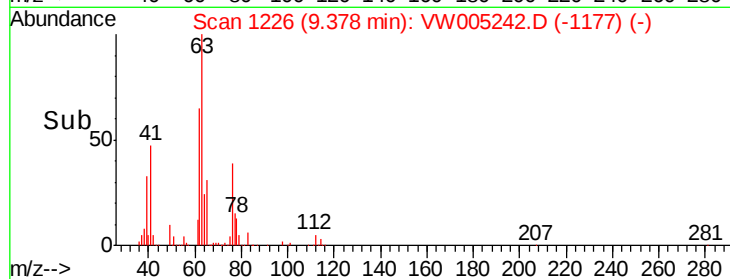
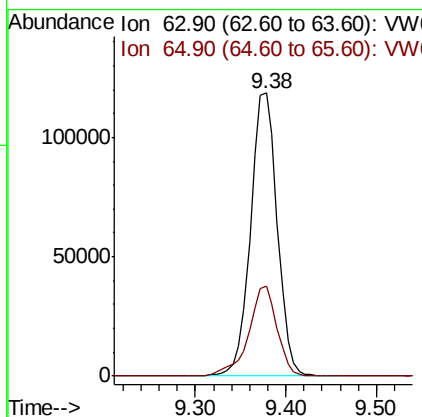
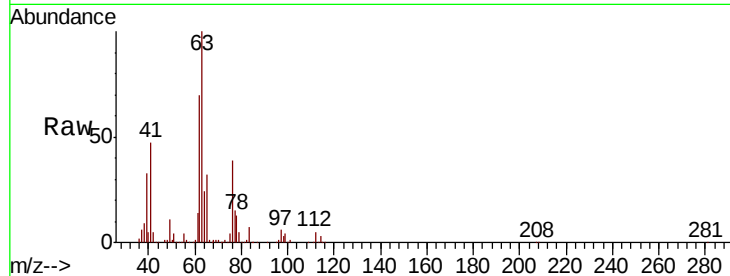




#45
 1,2-Dichloropropane
 Concen: 49.221 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

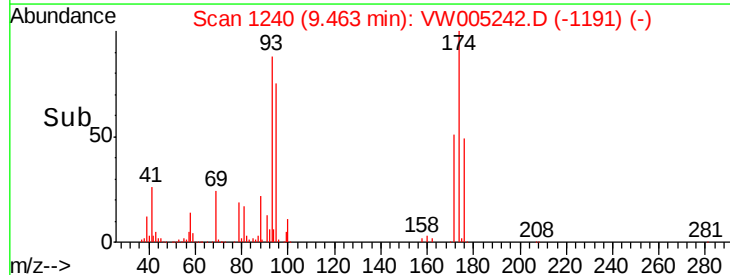
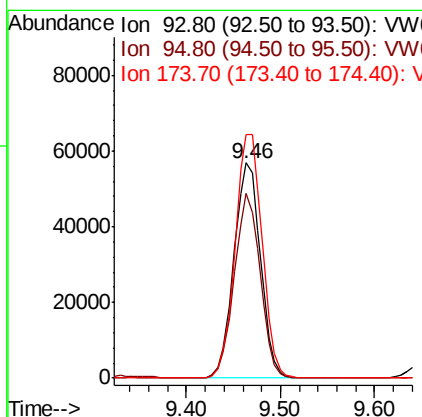
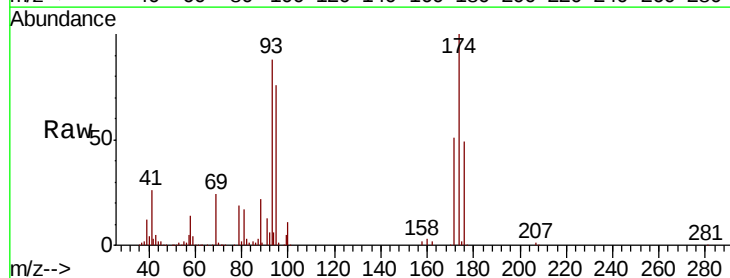
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

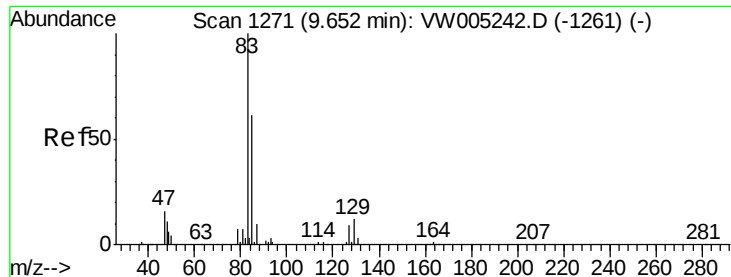
Tgt Ion: 63 Resp: 241918
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2



#46
 Dibromomethane
 Concen: 46.349 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 93 Resp: 111506
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 115.2 92.2 138.2





#47

Bromodichloromethane

Concen: 48.254 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

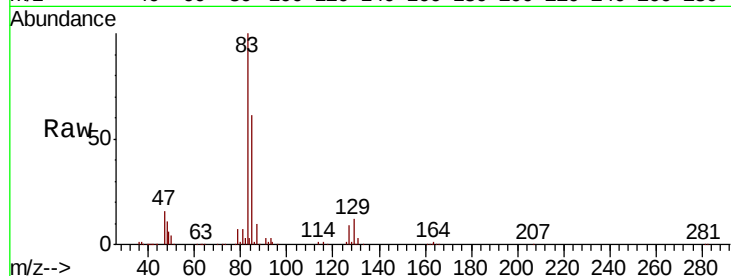
Tgt Ion: 83 Resp: 283982

Ion Ratio Lower Upper

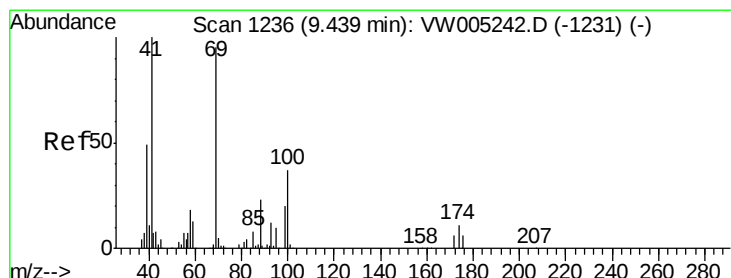
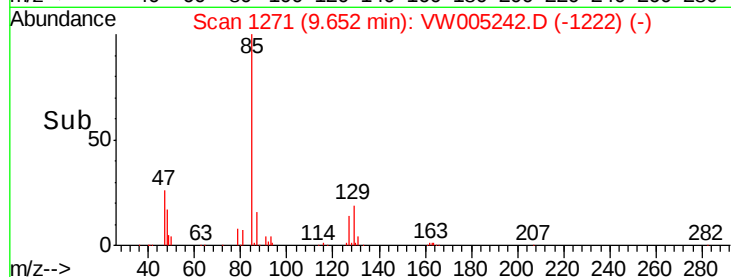
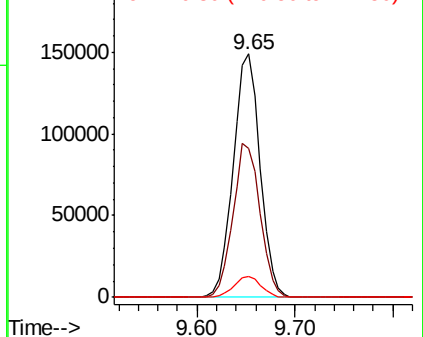
83 100

85 61.3 49.0 73.6

127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.216 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

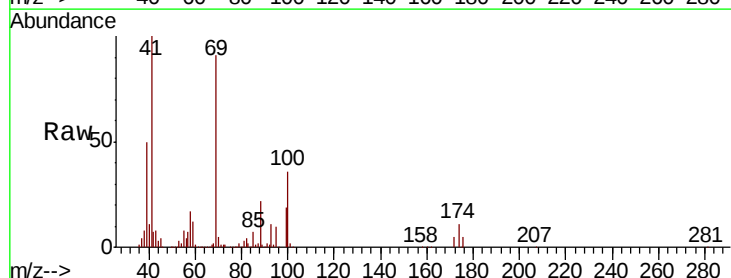
Tgt Ion: 41 Resp: 130372

Ion Ratio Lower Upper

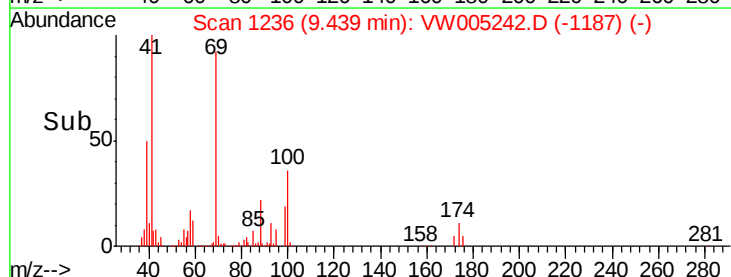
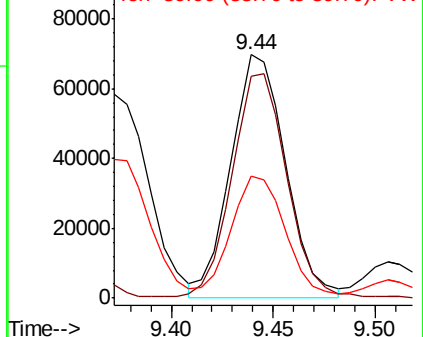
41 100

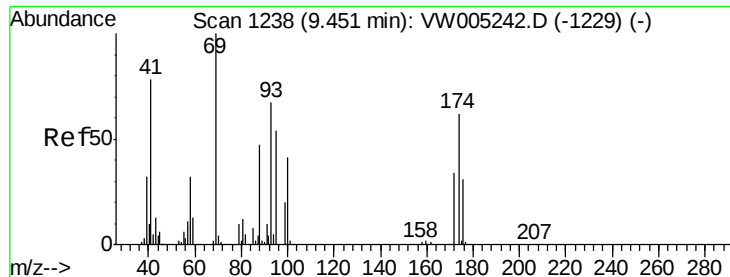
69 93.3 74.6 112.0

39 45.9 36.7 55.1



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





#49

1,4-Dioxane

Concen: 1045.164 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

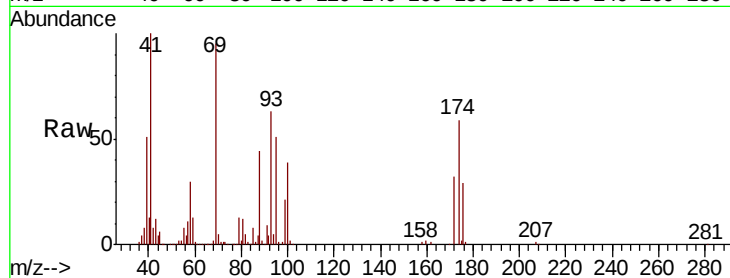
Tgt Ion: 88 Resp: 46946

Ion Ratio Lower Upper

88 100

43 28.4 22.7 34.1

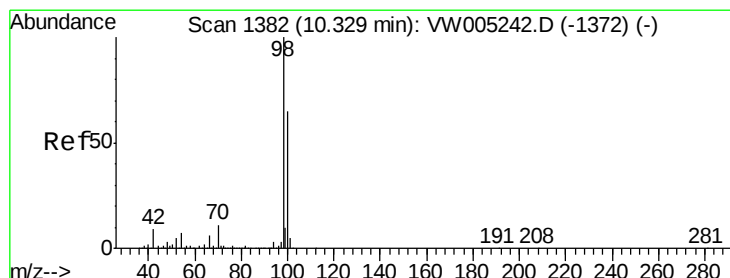
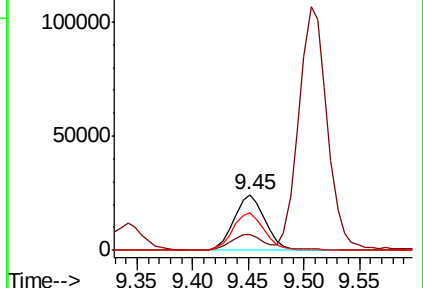
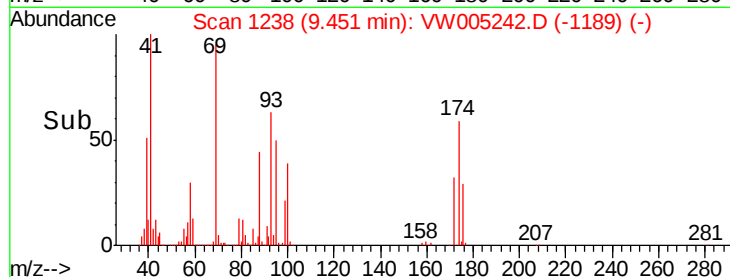
58 70.8 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.395 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005242.D

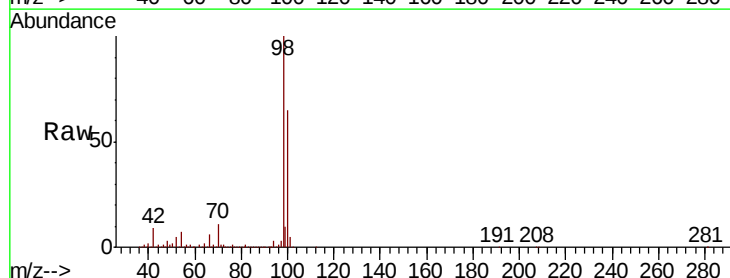
Acq: 10 Sep 2018 15:23

Tgt Ion: 98 Resp: 1050696

Ion Ratio Lower Upper

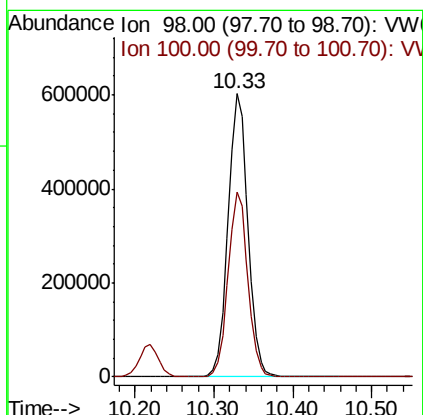
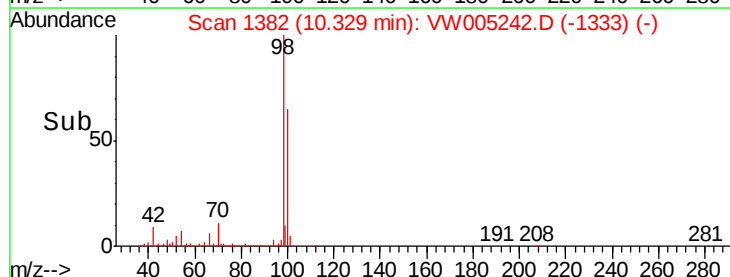
98 100

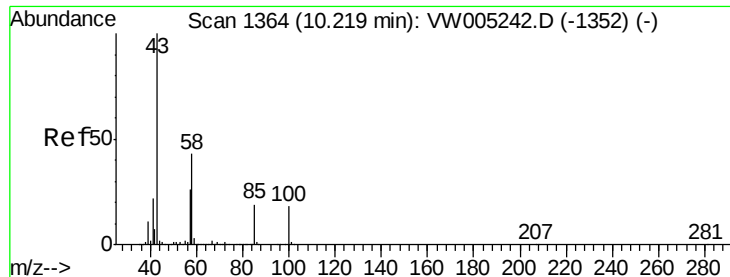
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

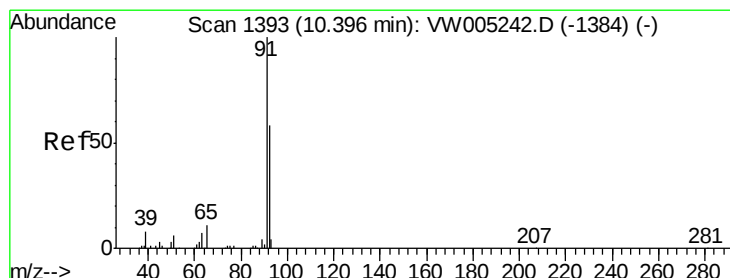
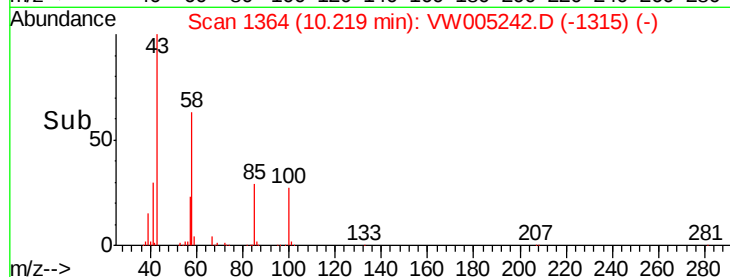
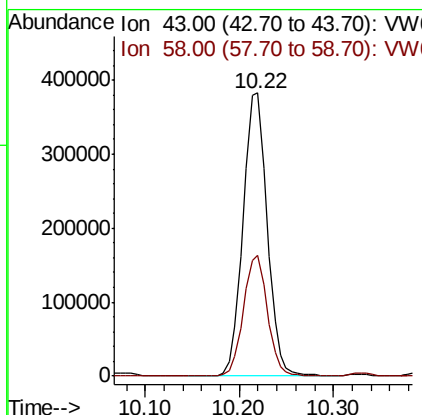
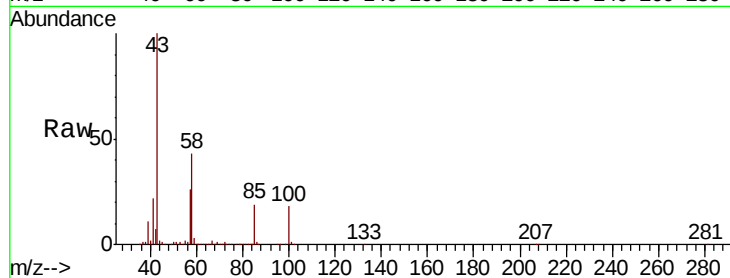




#51
 4-Methyl-2-Pentanone
 Concen: 248.667 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

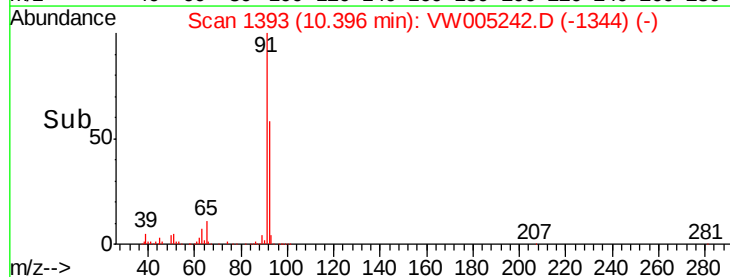
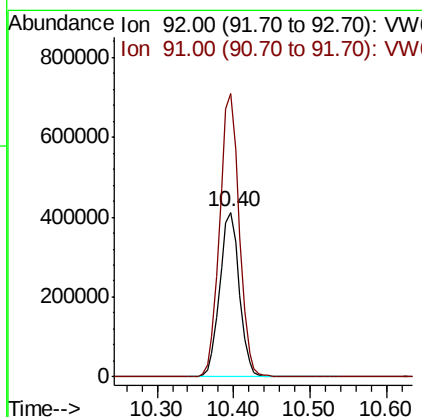
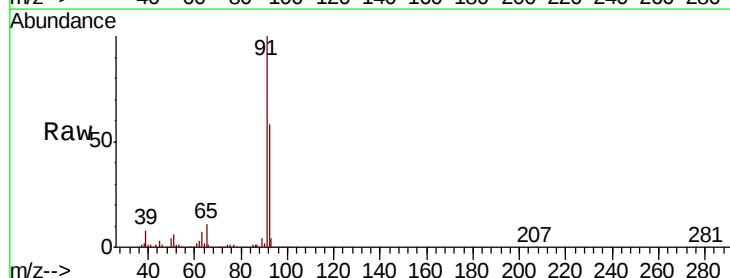
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

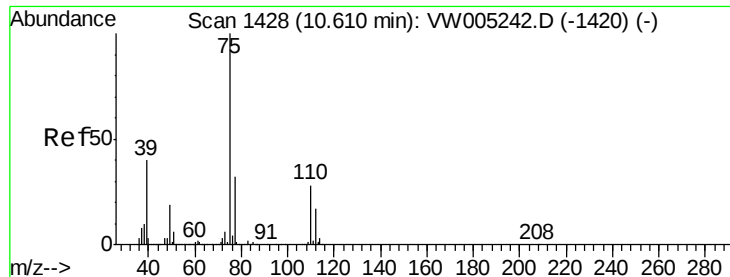
Tgt Ion: 43 Resp: 686031
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6



#52
 Toluene
 Concen: 49.209 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 92 Resp: 731316
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 48.869 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

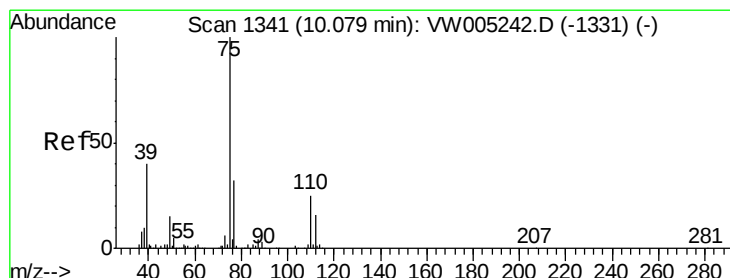
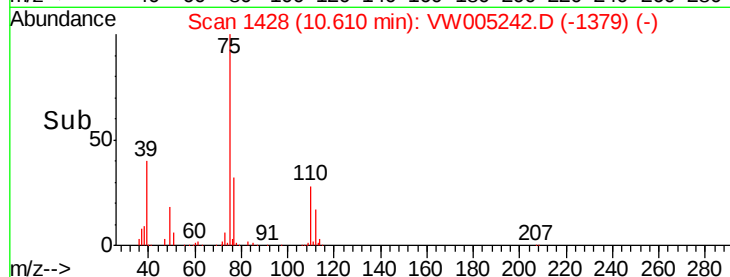
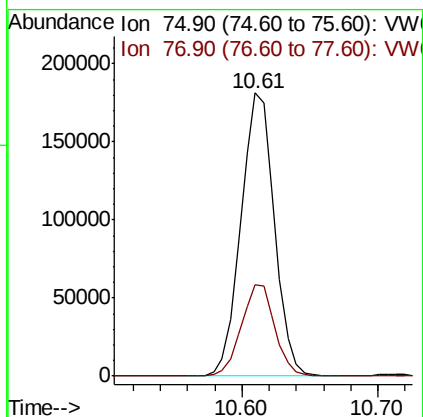
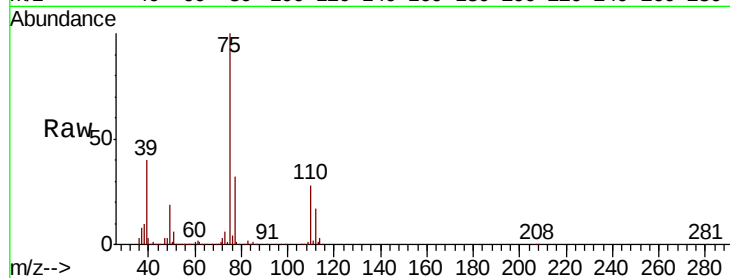
VSTDICCC050

Tgt Ion: 75 Resp: 310818

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 48.818 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

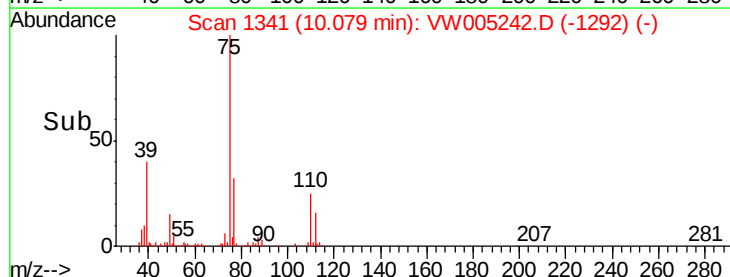
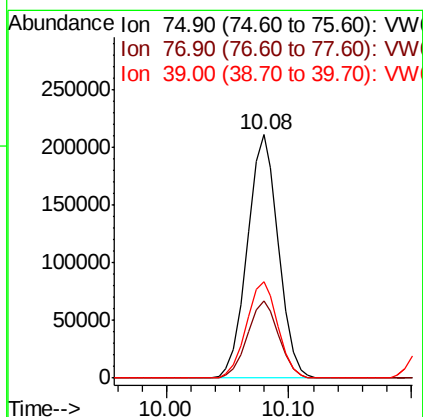
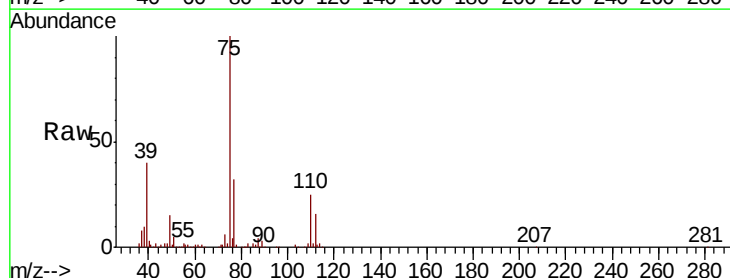
Tgt Ion: 75 Resp: 371827

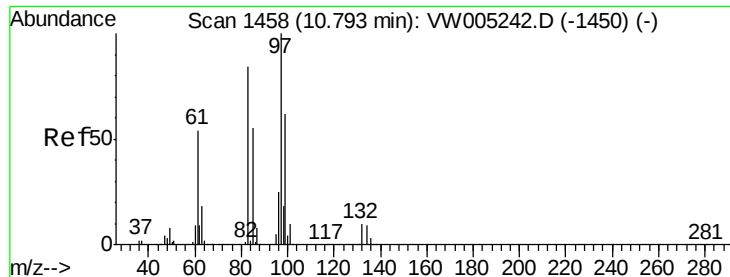
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 39.7 31.8 47.6

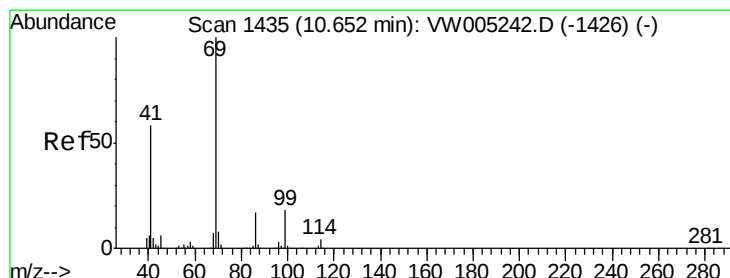
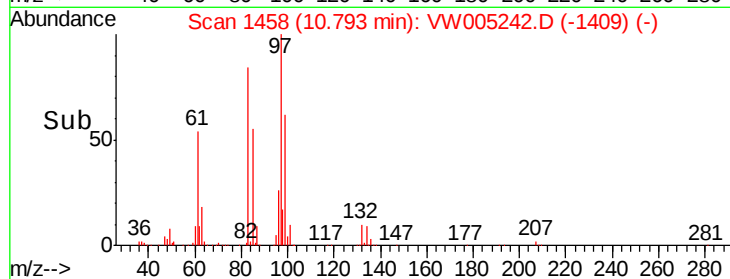
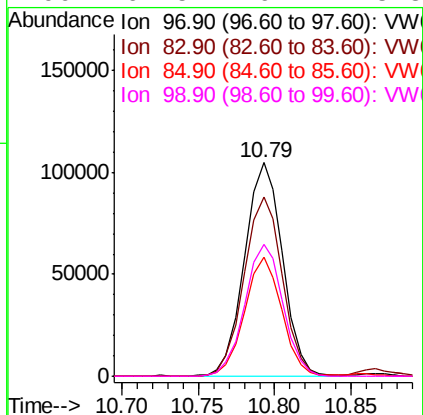
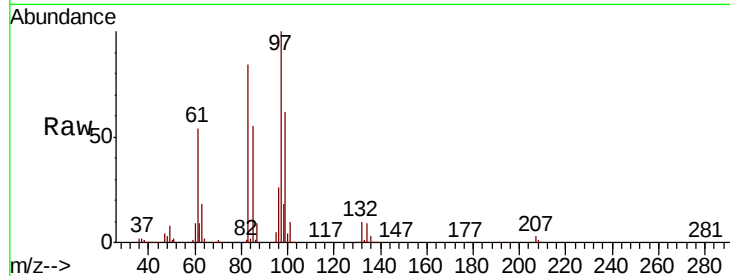




#55
 1,1,2-Trichloroethane
 Concen: 47.321 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

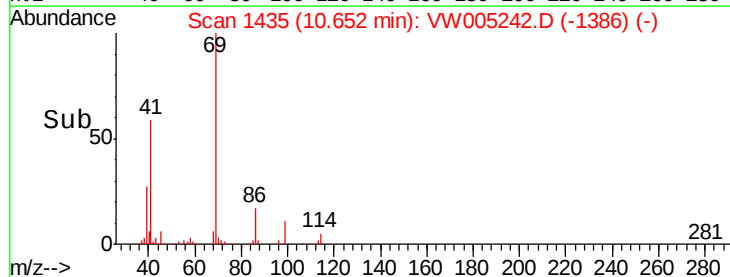
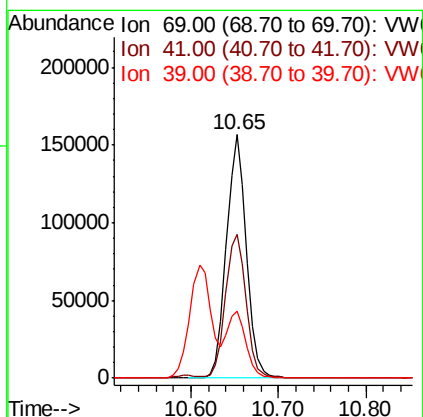
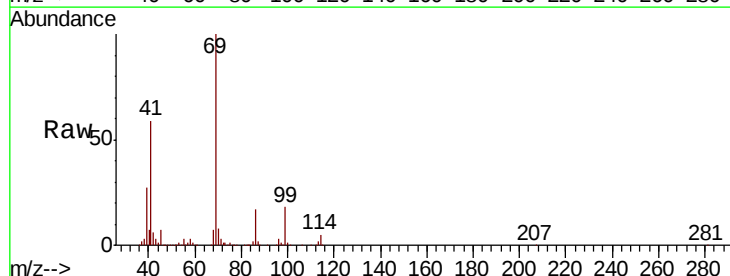
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

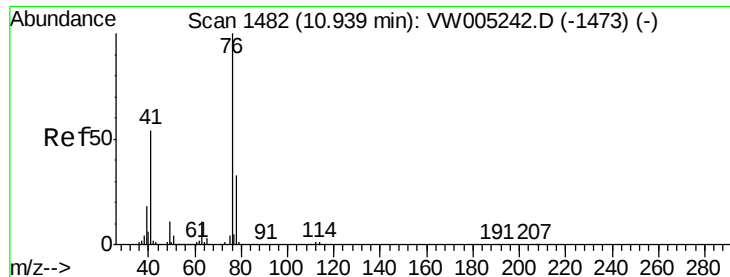
Tgt Ion:	97	Resp:	181522
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	55.5	44.4	66.6
99	61.5	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 50.769 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:	69	Resp:	246891
Ion	Ratio	Lower	Upper
69	100		
41	60.9	48.7	73.1
39	26.1	20.9	31.3





#57

1,3-Dichloropropane

Concen: 47.841 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

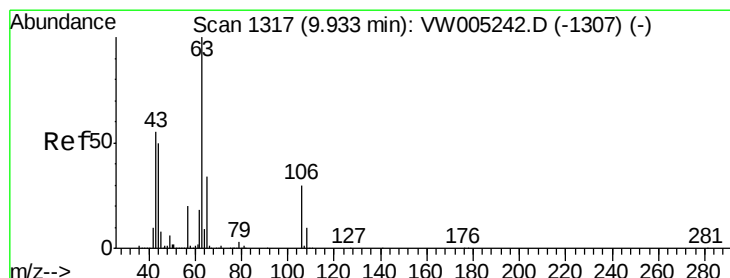
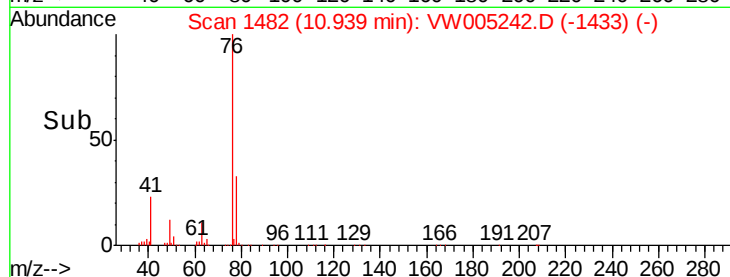
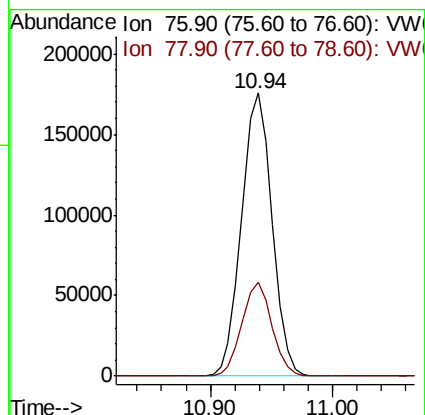
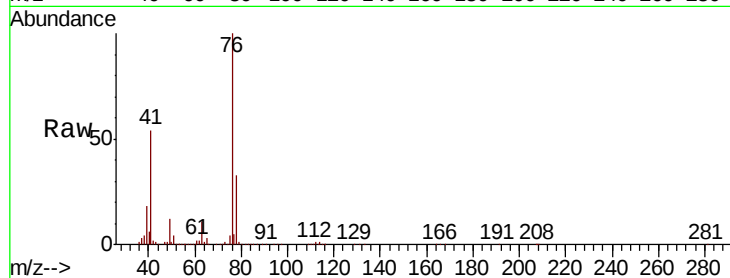
VSTDICCC050

Tgt Ion: 76 Resp: 304734

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 242.794 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005242.D

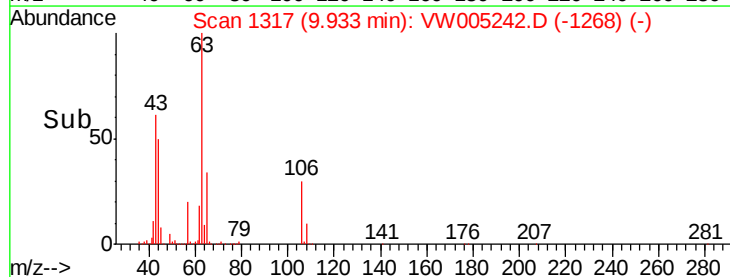
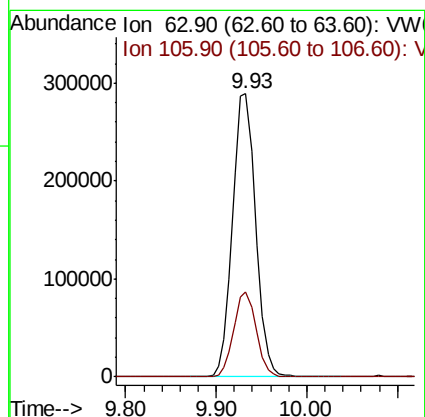
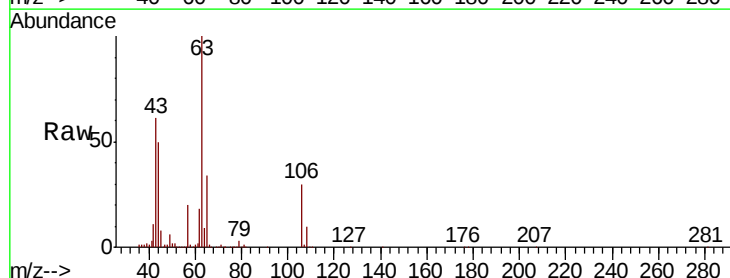
Acq: 10 Sep 2018 15:23

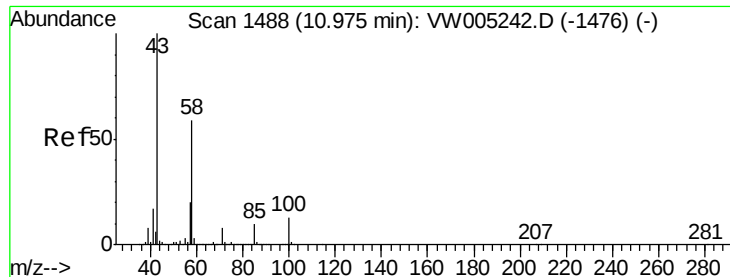
Tgt Ion: 63 Resp: 513191

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0

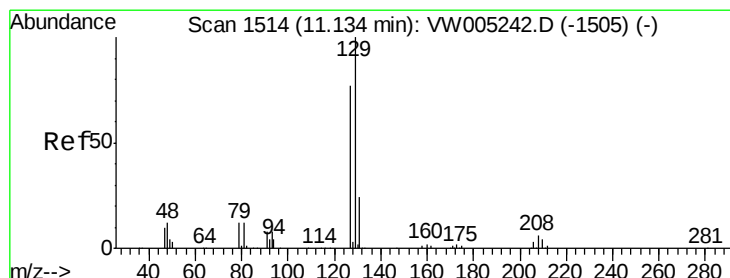
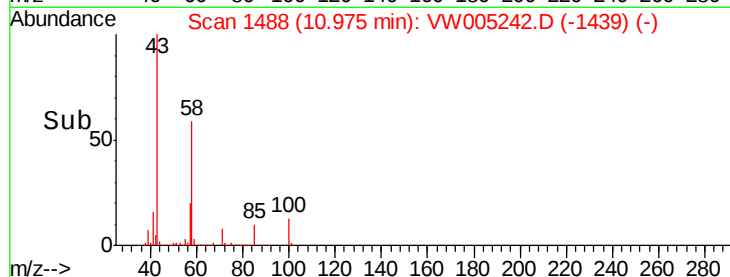
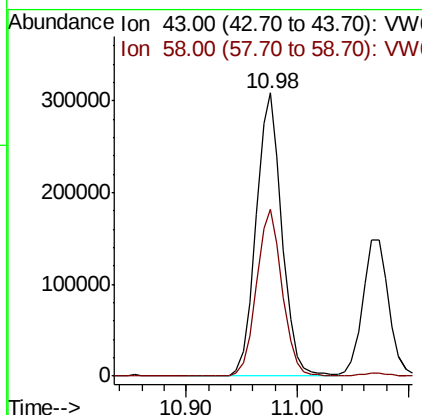
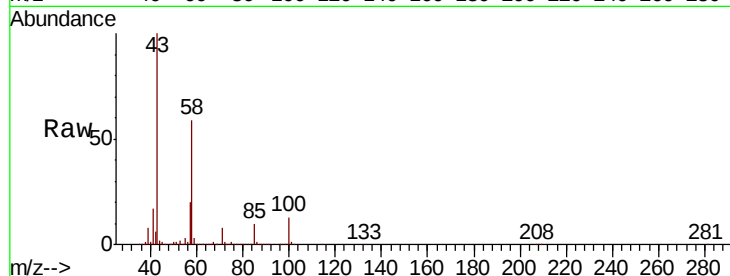




#59
2-Hexanone
Concen: 250.087 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

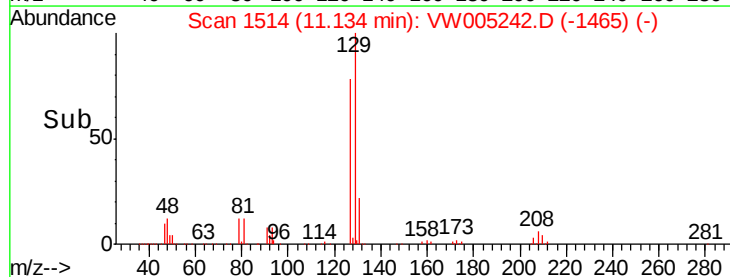
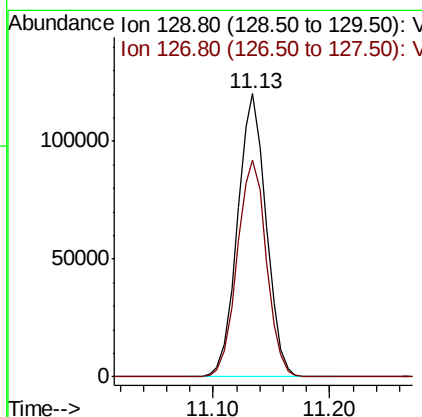
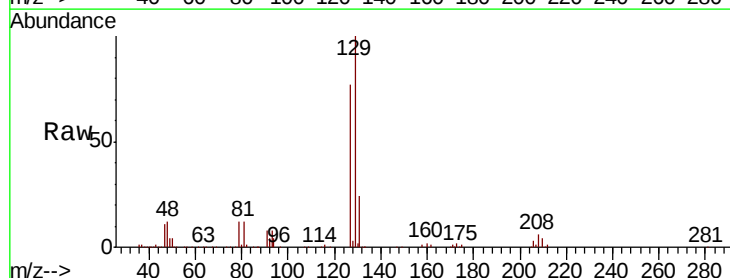
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

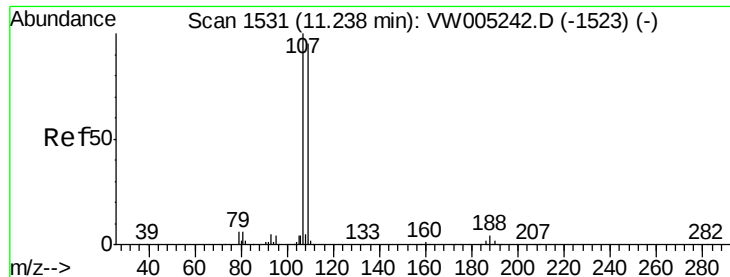
Tgt Ion: 43 Resp: 497399
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 48.446 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 129 Resp: 206208
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

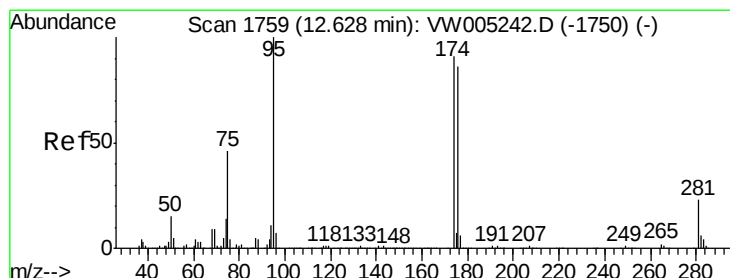
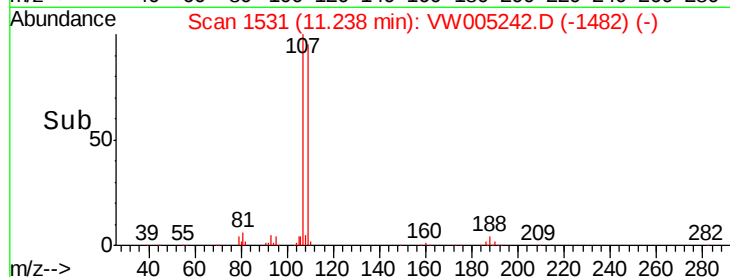
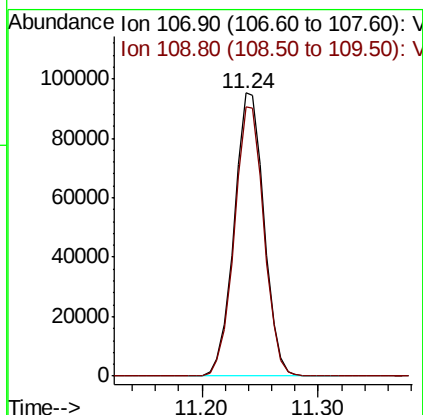
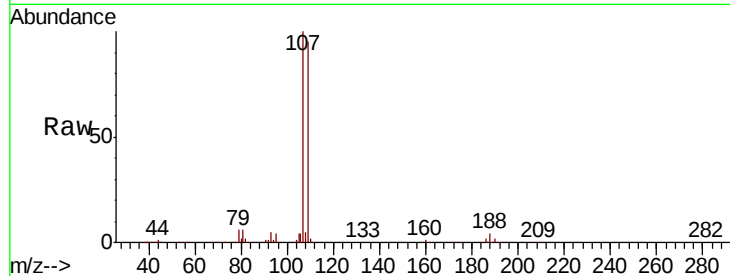




#61
 1,2-Dibromoethane
 Concen: 48.195 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

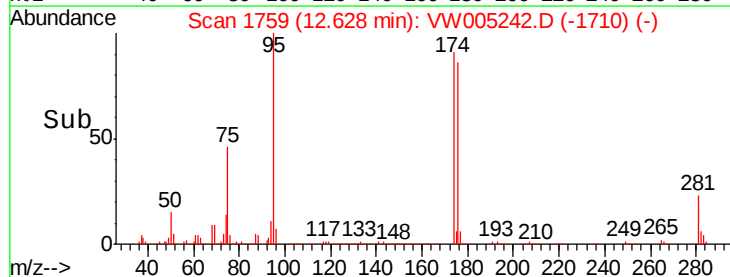
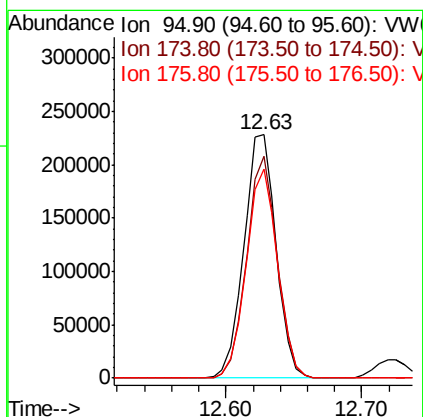
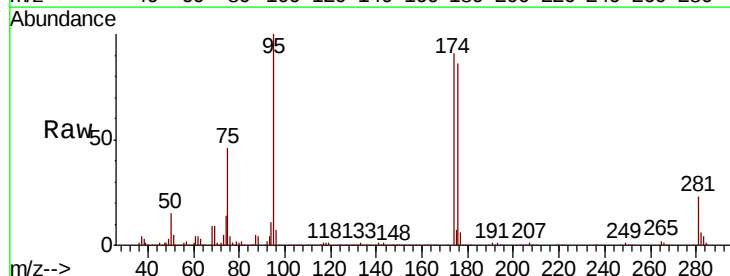
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

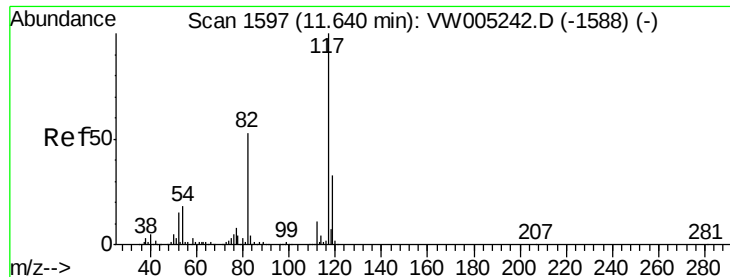
Tgt Ion: 107 Resp: 169534
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.236 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 95 Resp: 375817
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 174.6
 176 83.8 0.0 167.6

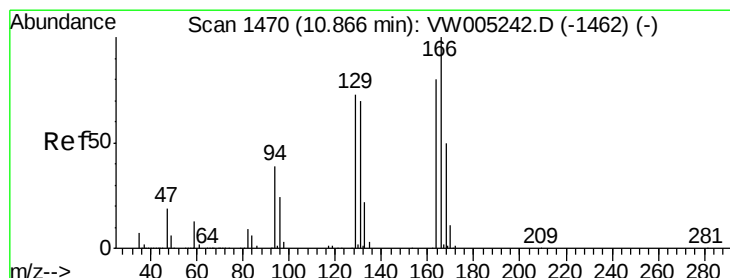
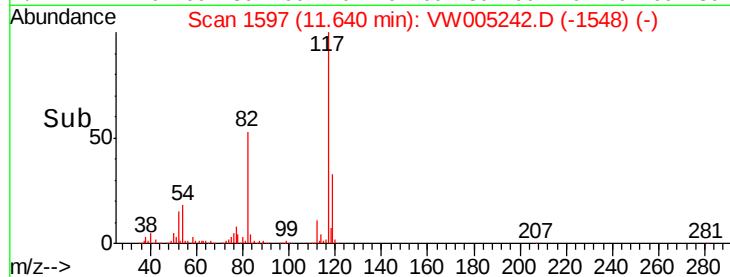
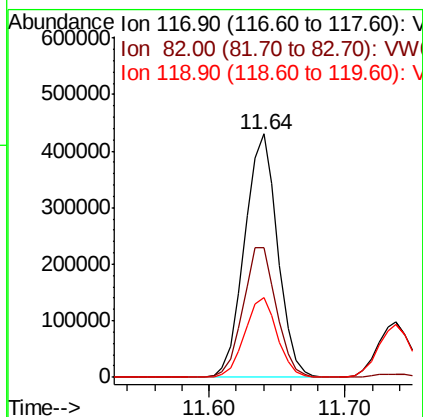
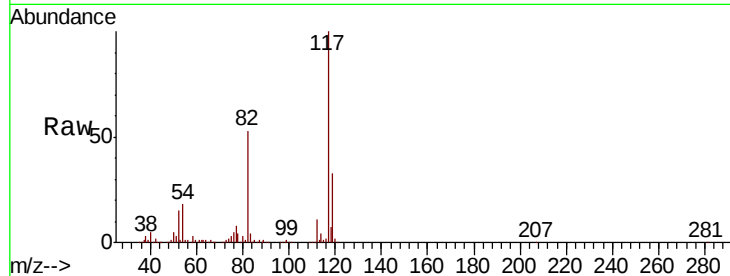




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

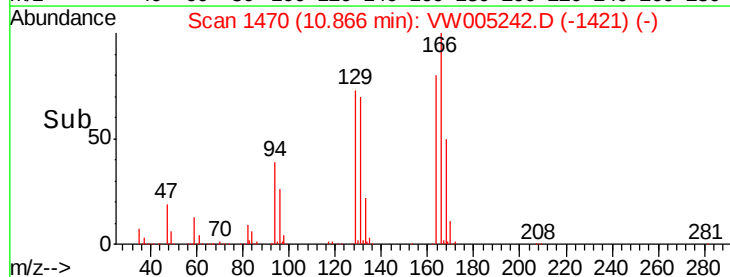
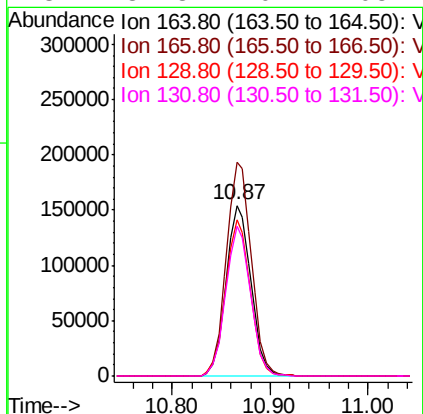
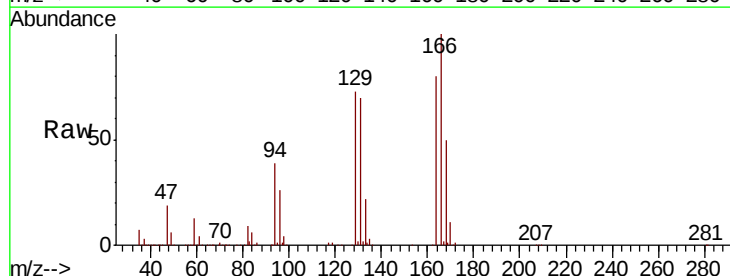
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

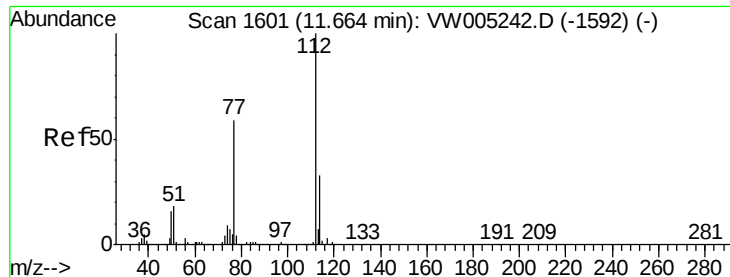
Tgt Ion:117 Resp: 731690
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.847 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion:164 Resp: 270595
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 91.5 73.2 109.8
131 87.8 70.2 105.4

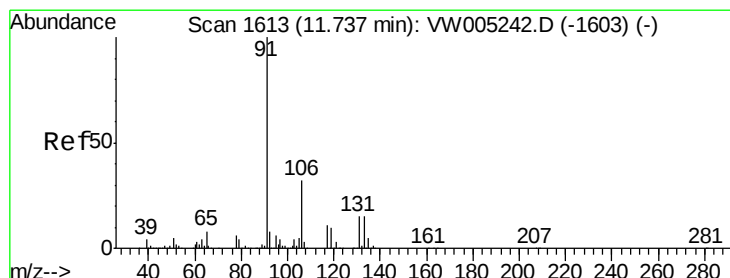
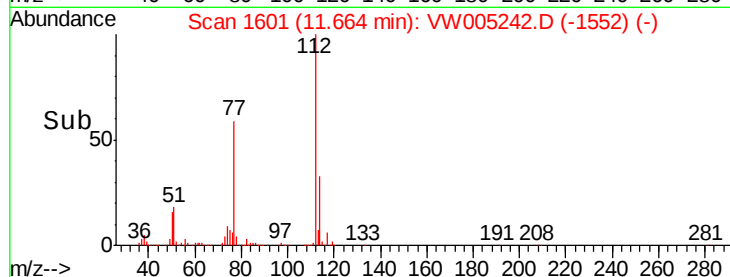
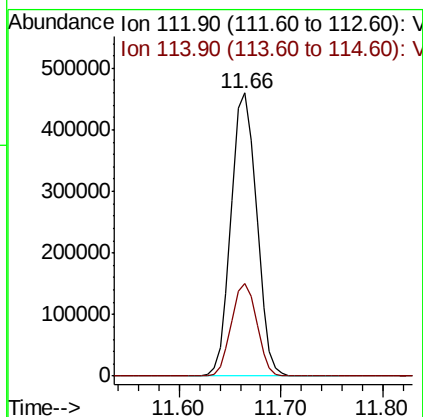
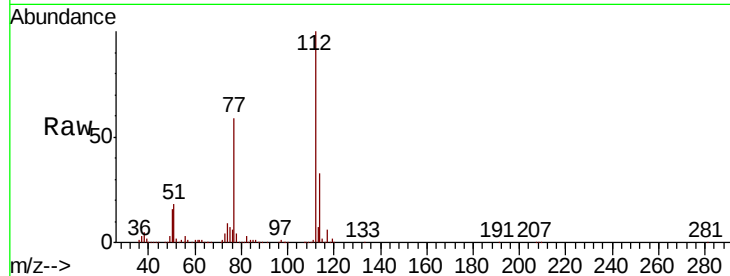




#65
Chlorobenzene
Concen: 49.707 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

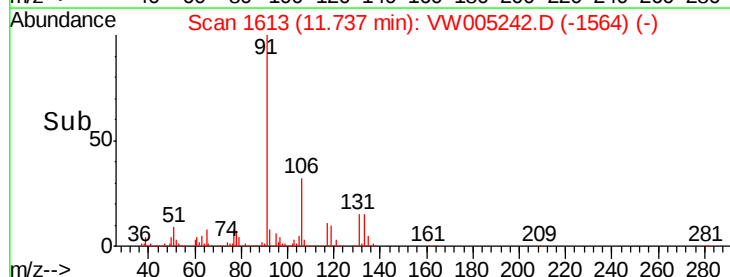
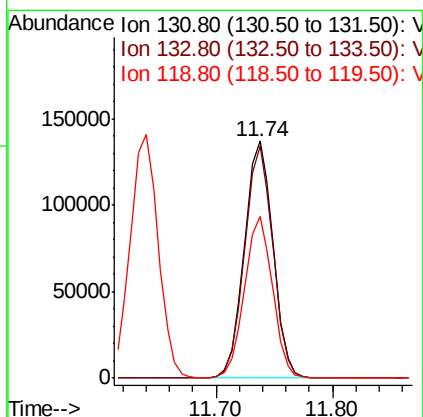
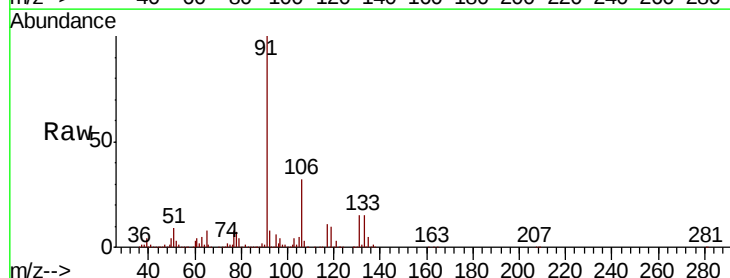
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

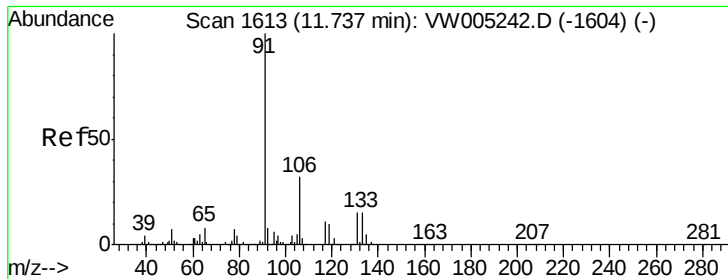
Tgt Ion:112 Resp: 796727
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.559 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion:131 Resp: 237180
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 66.7 33.4 100.1

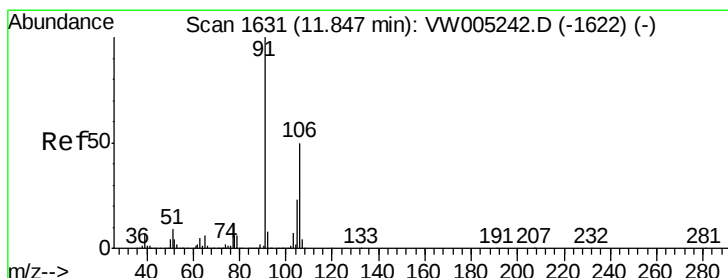
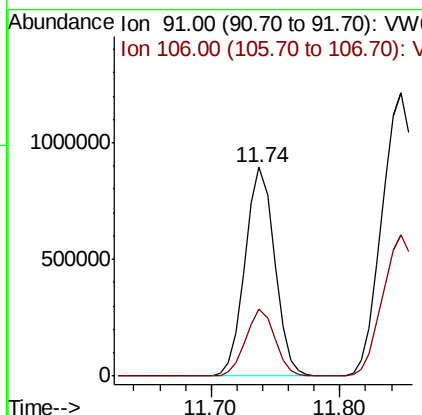
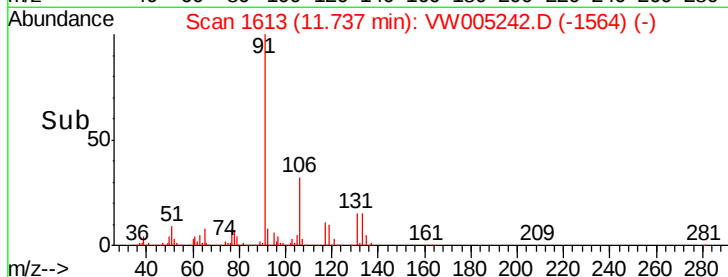
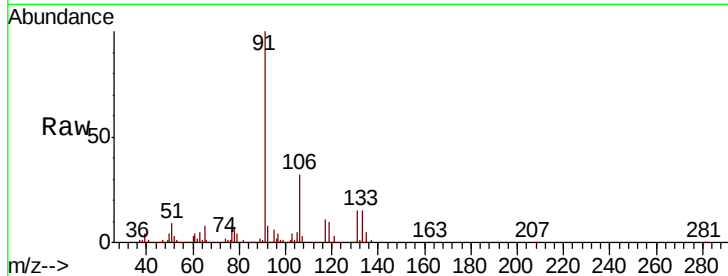




#67
Ethyl Benzene
Concen: 50.934 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

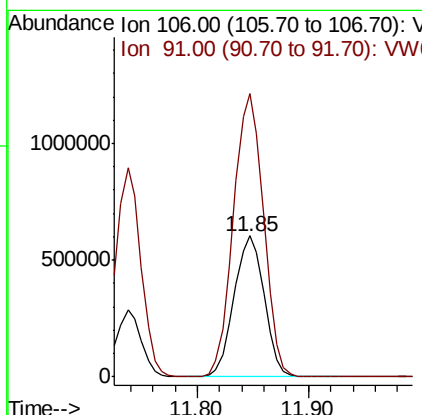
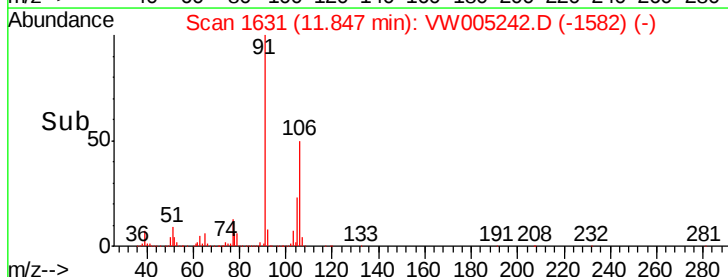
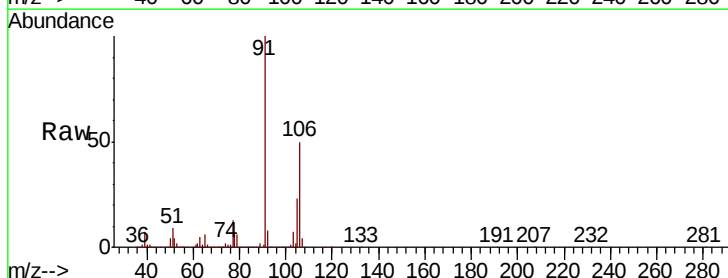
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

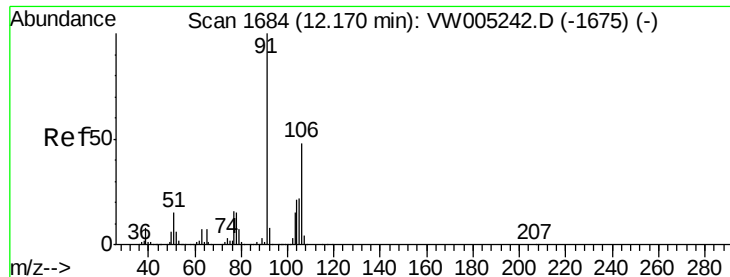
Tgt Ion: 91 Resp: 1421747
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 101.072 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 106 Resp: 1136905
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2

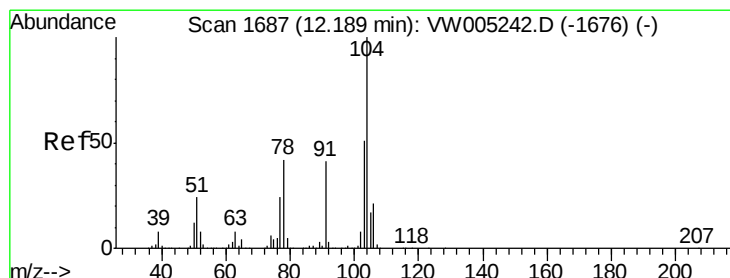
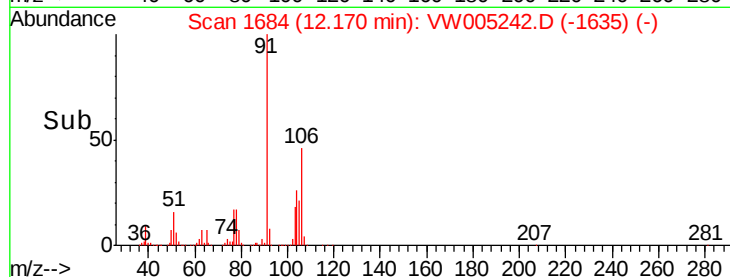
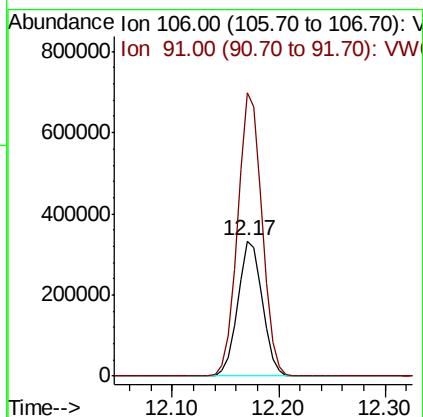
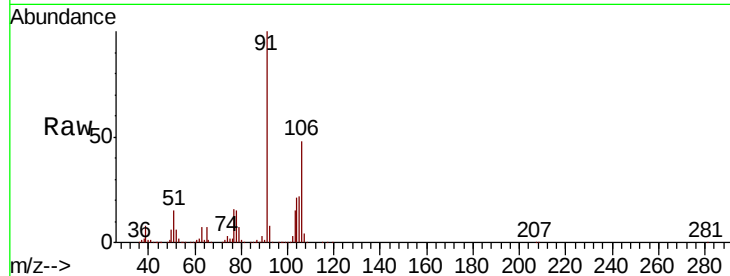




#69
o-Xylene
Concen: 51.447 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

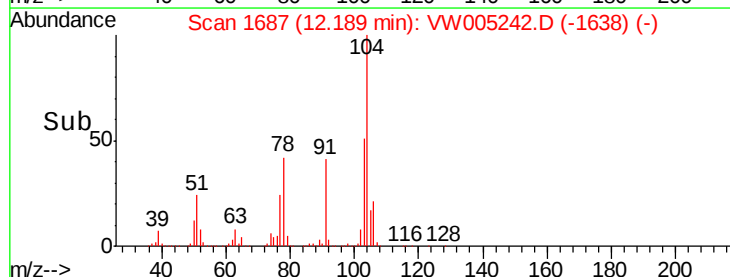
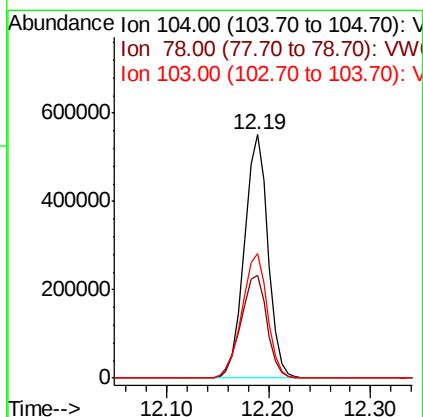
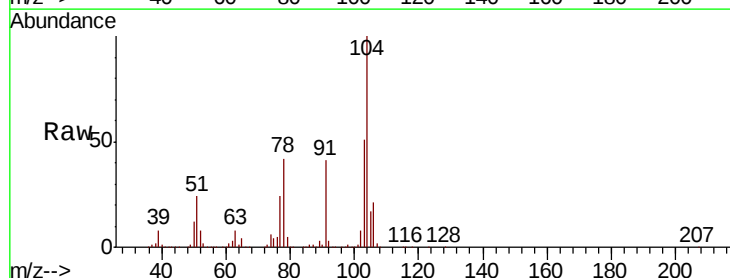
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

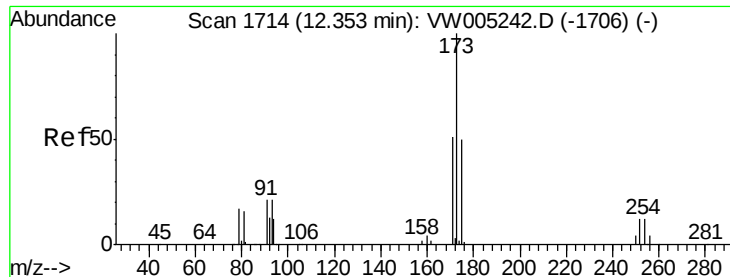
Tgt Ion:106 Resp: 538410
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 51.922 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion:104 Resp: 886652
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 49.868 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

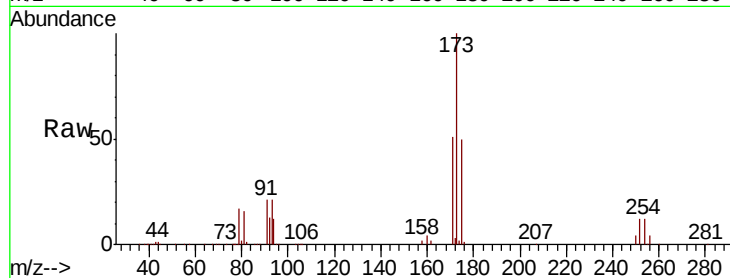
Tgt Ion:173 Resp: 129400

Ion Ratio Lower Upper

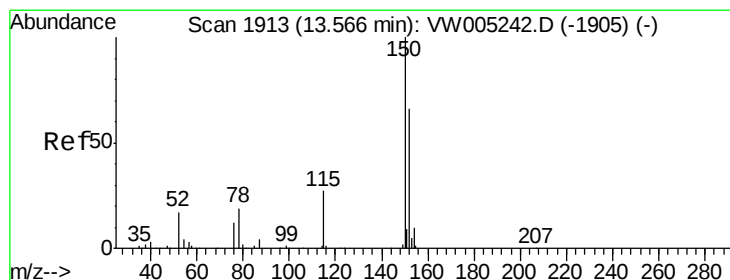
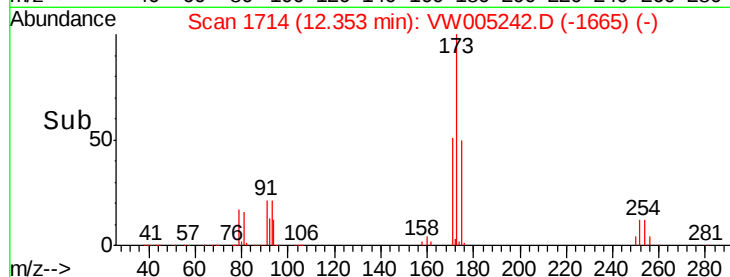
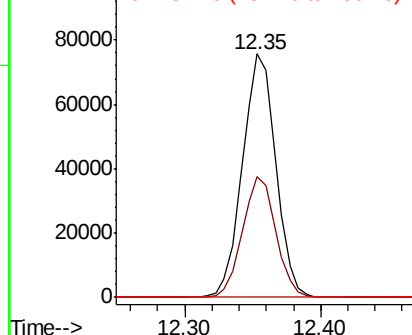
173 100

175 49.7 24.9 74.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

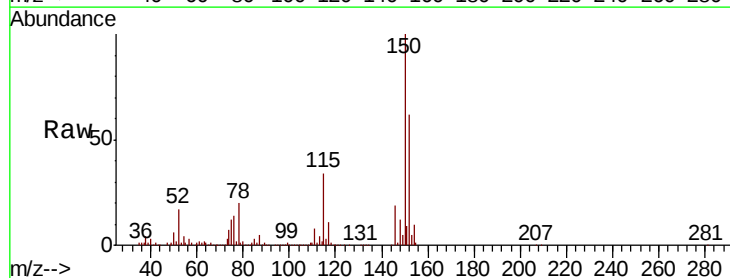
Tgt Ion:152 Resp: 398175

Ion Ratio Lower Upper

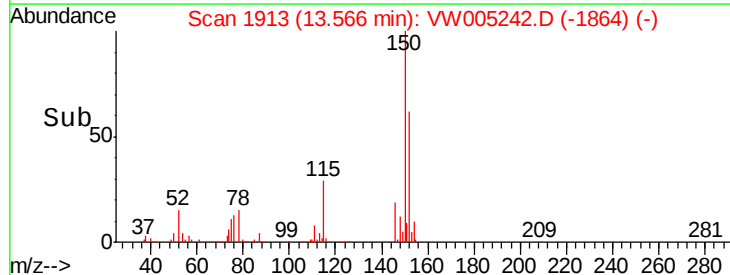
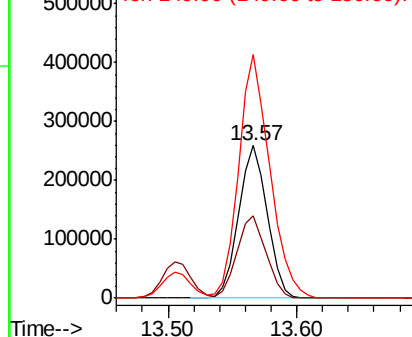
152 100

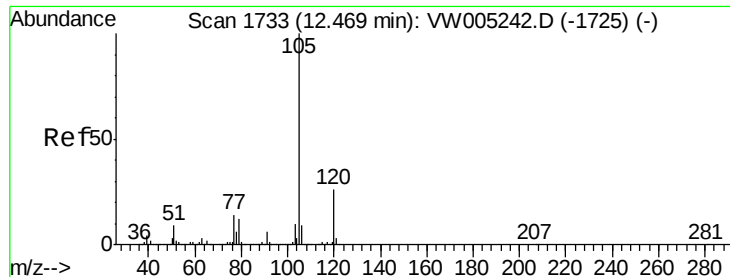
115 54.9 27.5 82.4

150 173.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.990 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

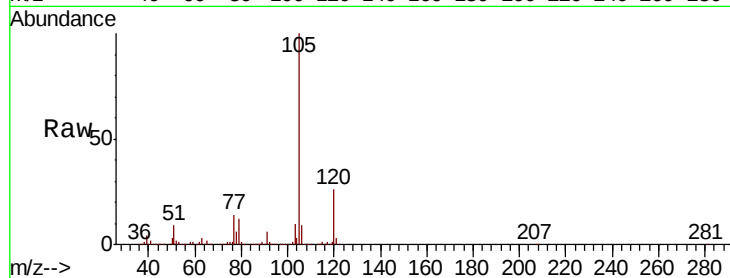
VSTDICCC050

Tgt Ion: 105 Resp: 1462632

Ion Ratio Lower Upper

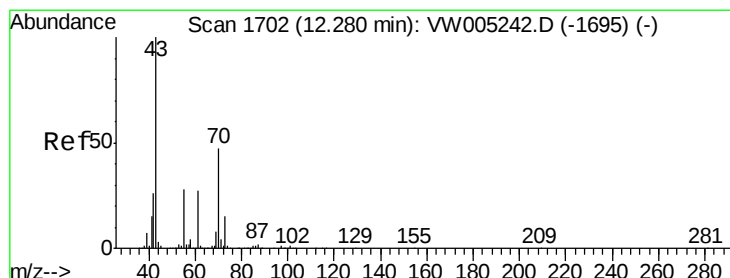
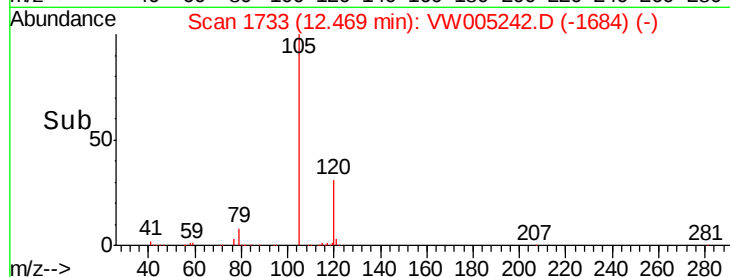
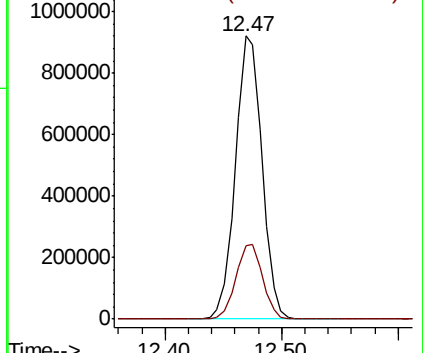
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.547 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion: 43 Resp: 275911

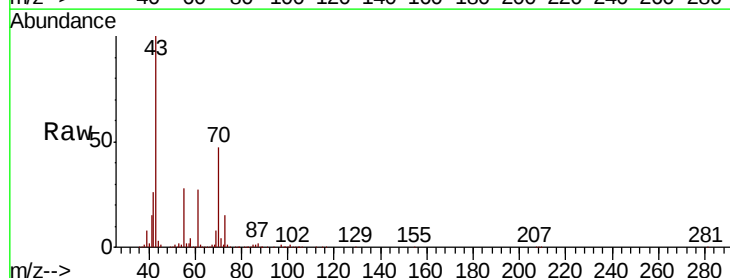
Ion Ratio Lower Upper

43 100

70 47.4 37.9 56.9

55 28.2 22.6 33.8

61 26.1 20.9 31.3

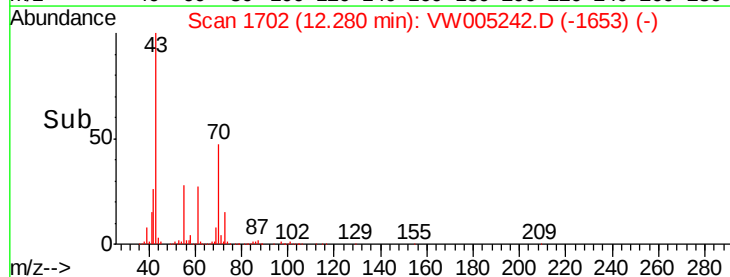
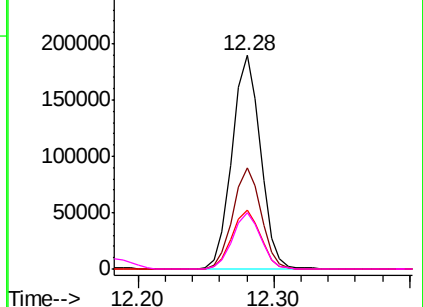


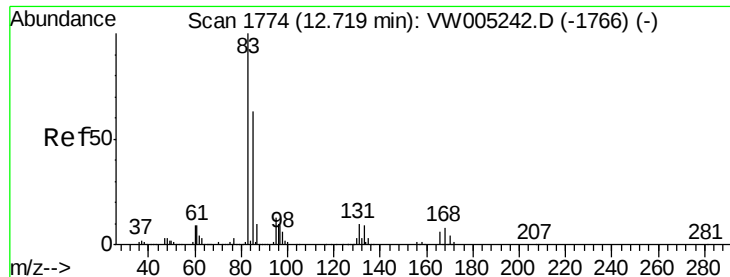
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.292 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

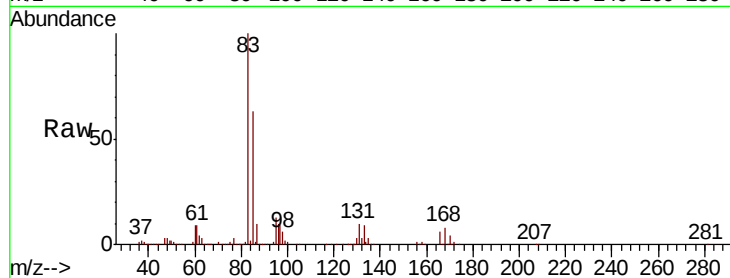
Tgt Ion: 83 Resp: 212634

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

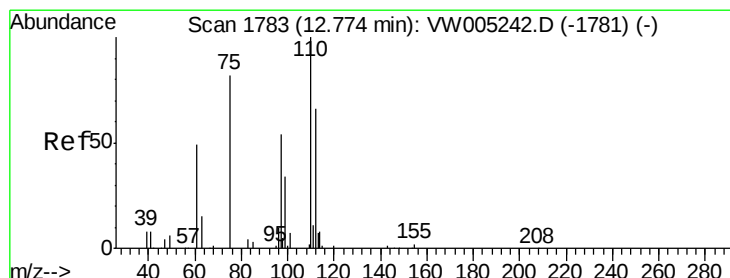
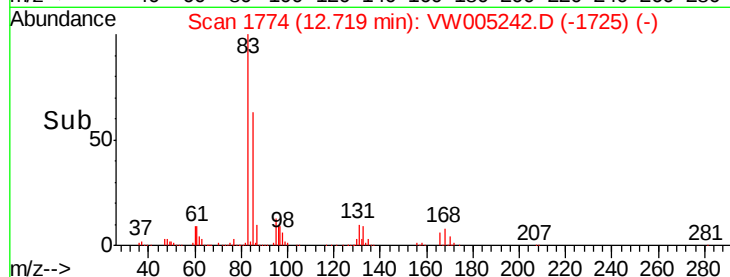
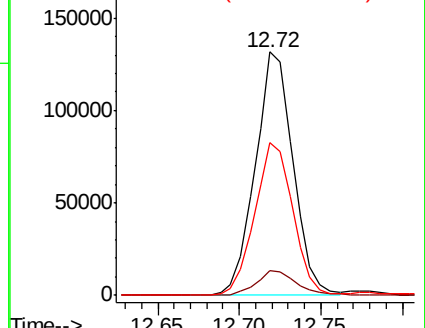
85 63.3 31.6 95.0



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: 55.174 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005242.D

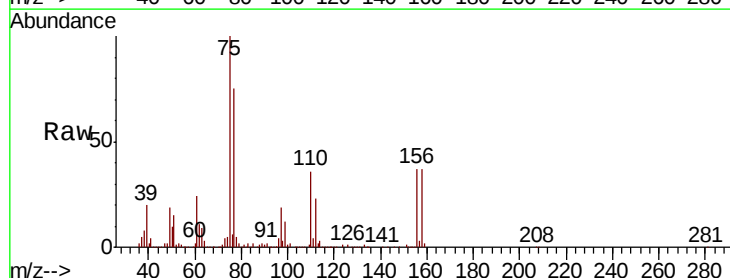
Acq: 10 Sep 2018 15:23

Tgt Ion: 75 Resp: 285347

Ion Ratio Lower Upper

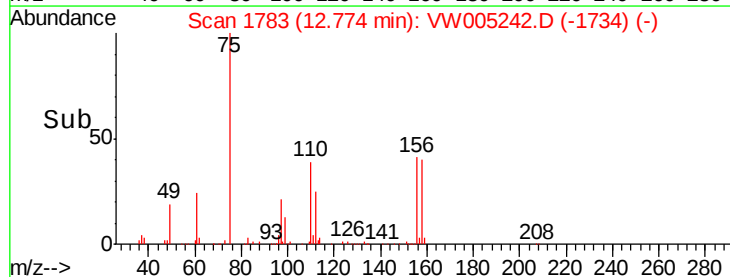
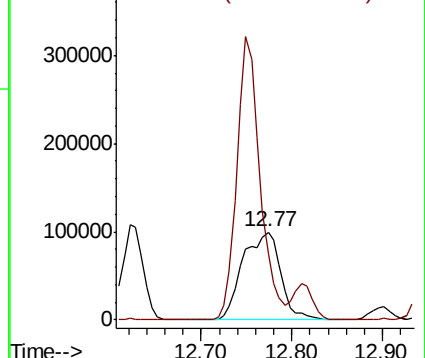
75 100

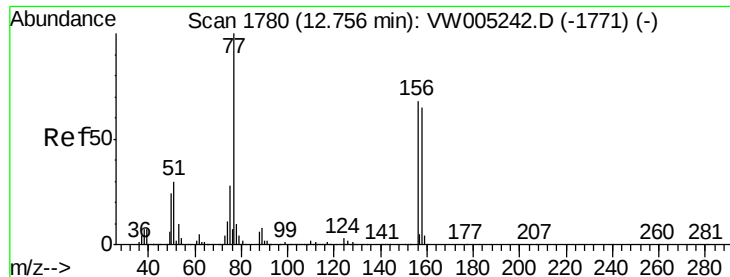
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

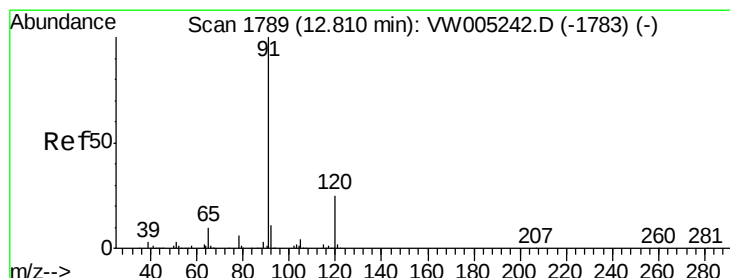
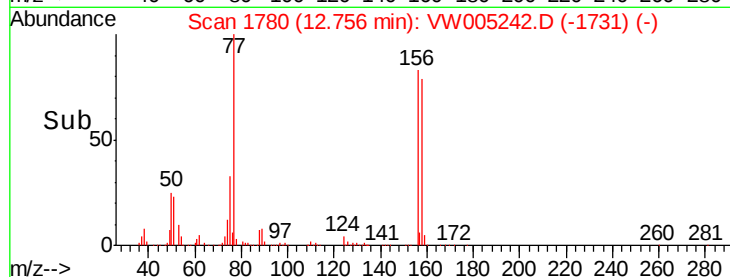
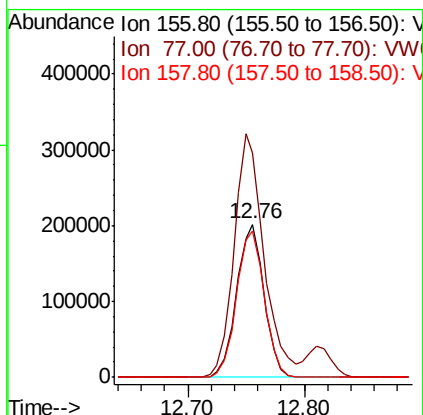
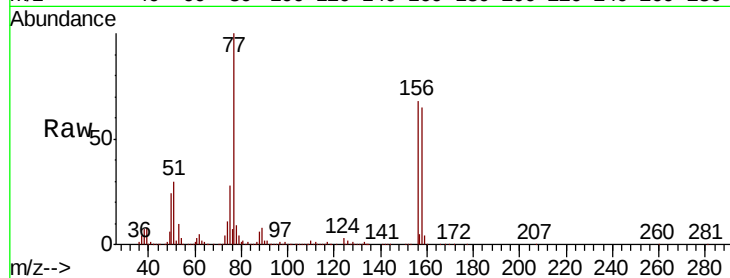




#77
Bromobenzene
Concen: 49.930 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

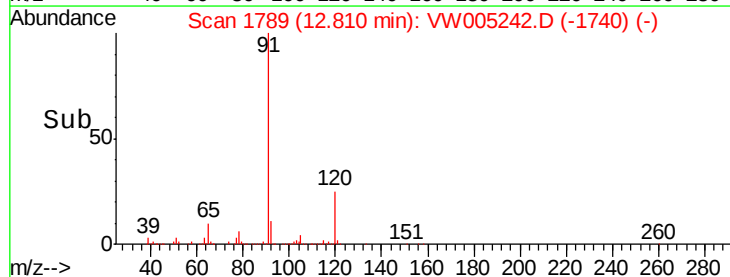
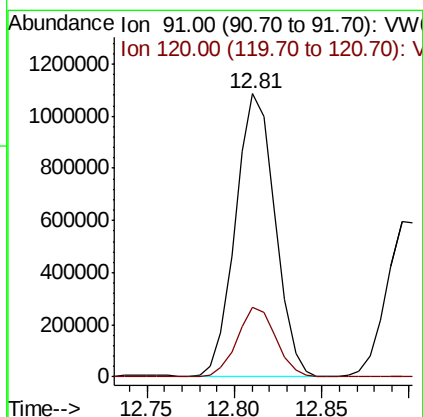
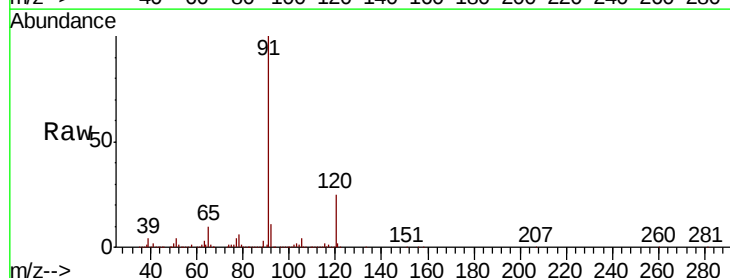
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

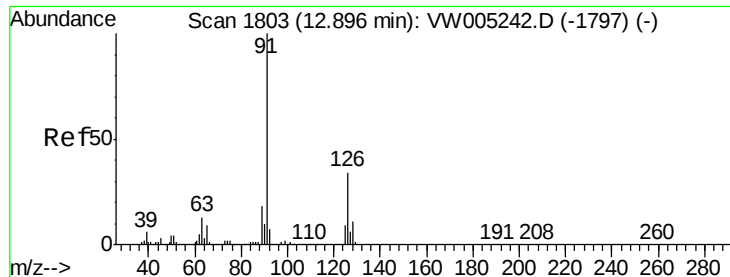
Tgt Ion: 156 Resp: 330925
Ion Ratio Lower Upper
156 100
77 172.5 86.3 258.8
158 97.2 48.6 145.8



#78
n-propylbenzene
Concen: 50.541 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 91 Resp: 1707676
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0

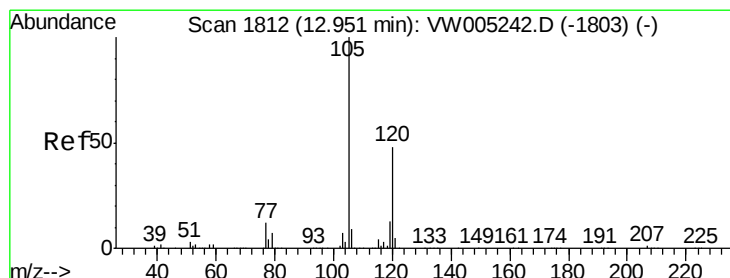
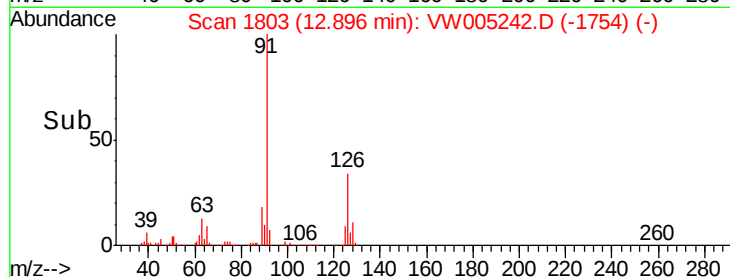
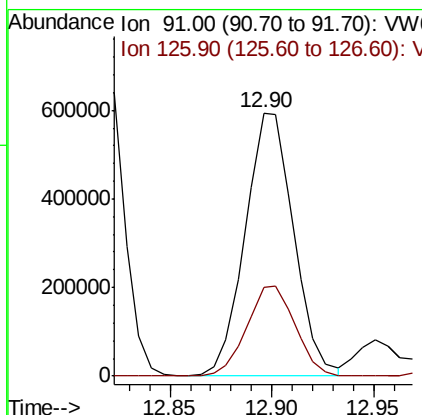
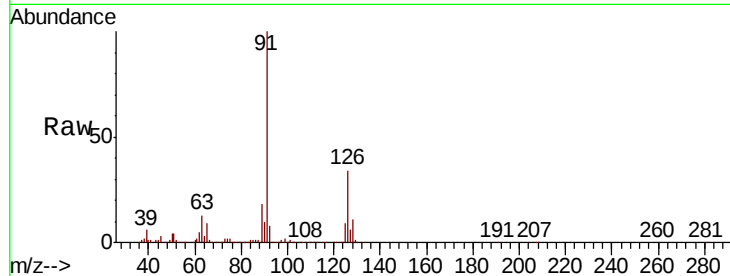




#79
 2-Chlorotoluene
 Concen: 50.731 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

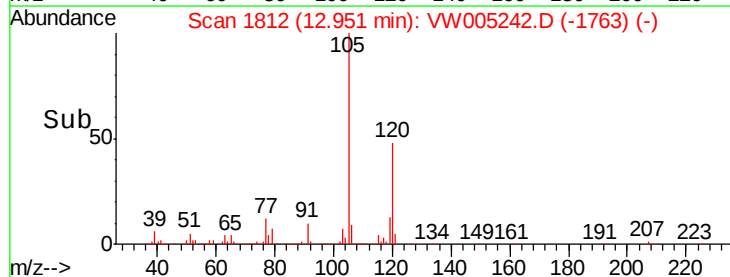
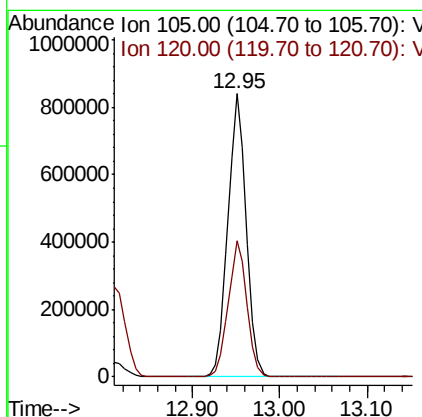
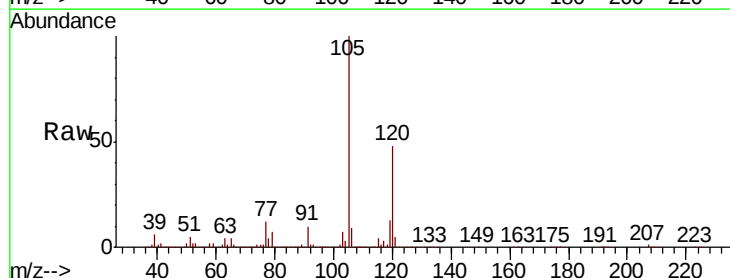
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

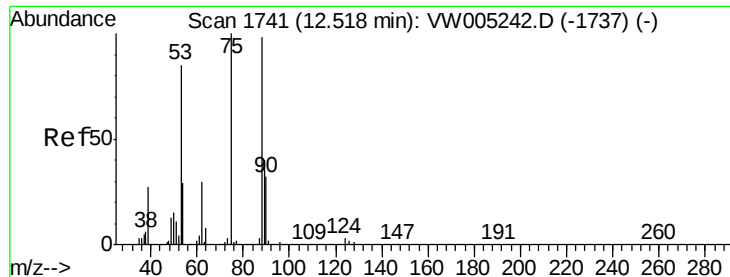
Tgt Ion: 91 Resp: 982971
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.004 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion: 105 Resp: 1221848
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.355 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

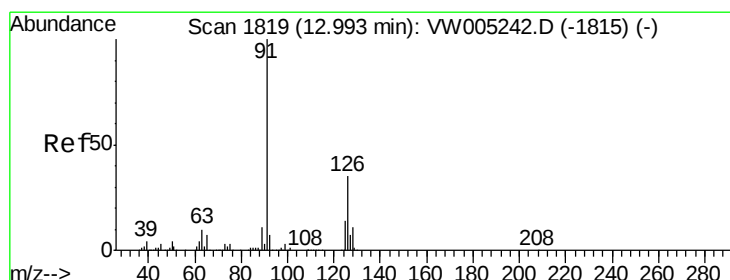
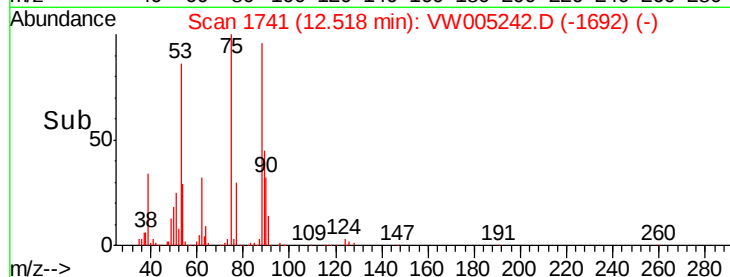
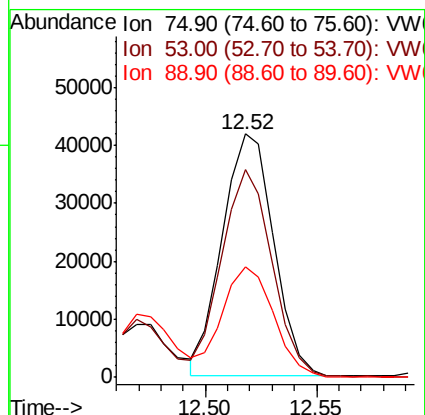
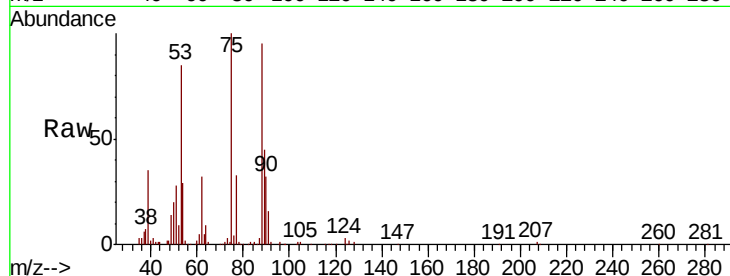
Tgt Ion: 75 Resp: 67063

Ion Ratio Lower Upper

75 100

53 83.8 67.0 100.6

89 46.2 37.0 55.4



#82

4-Chlorotoluene

Concen: 50.377 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005242.D

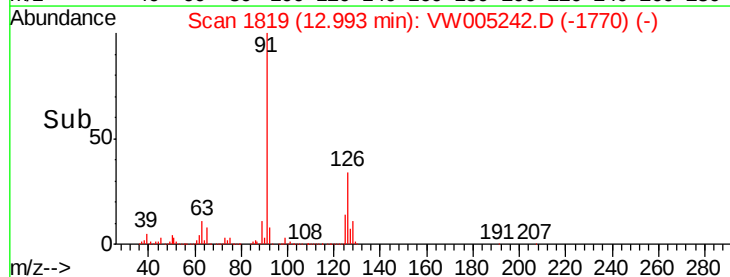
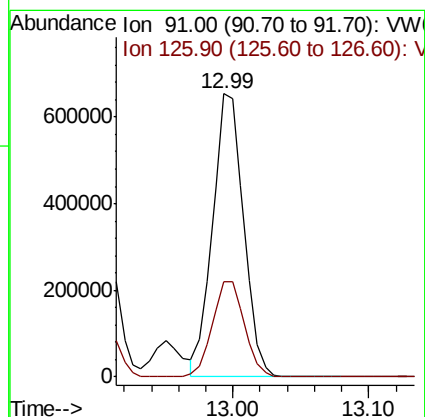
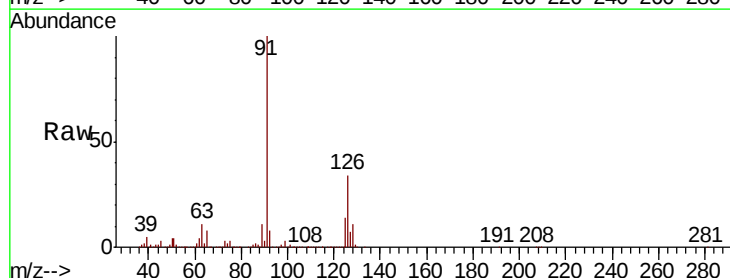
Acq: 10 Sep 2018 15:23

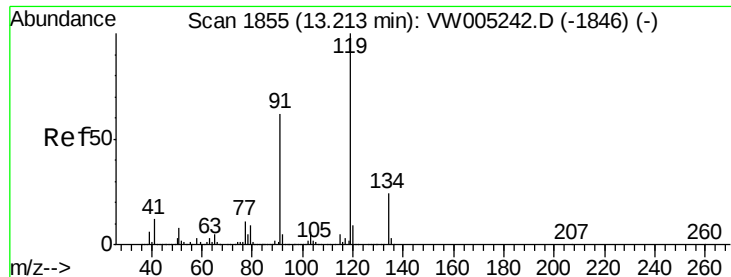
Tgt Ion: 91 Resp: 1025995

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5

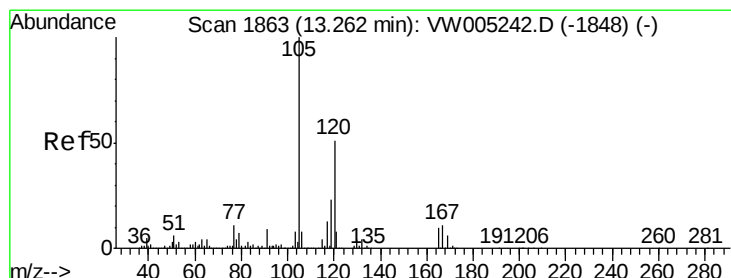
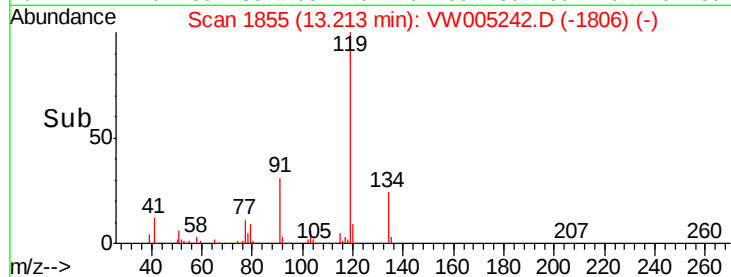
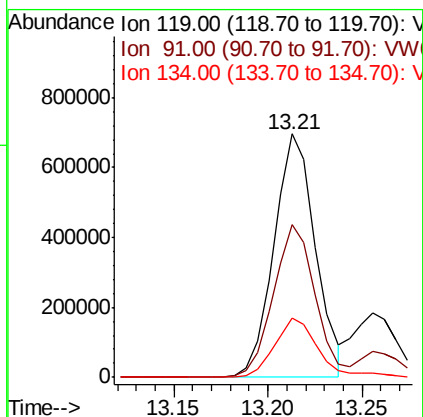
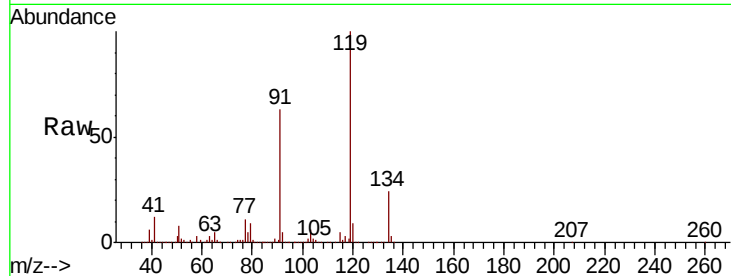




#83
 tert-Butylbenzene
 Concen: 50.617 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

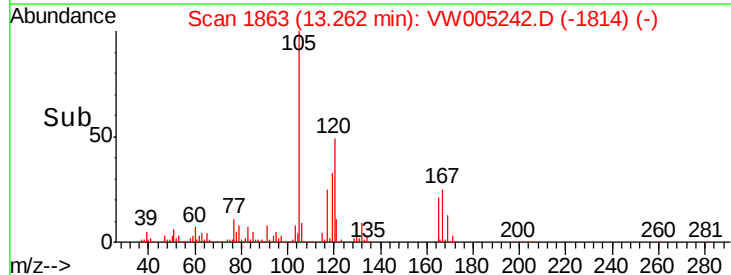
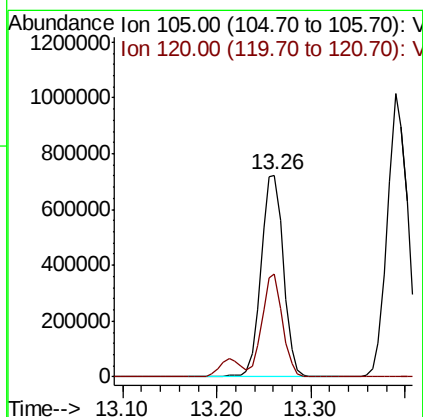
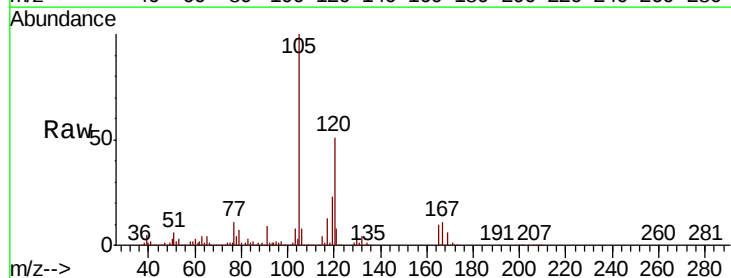
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

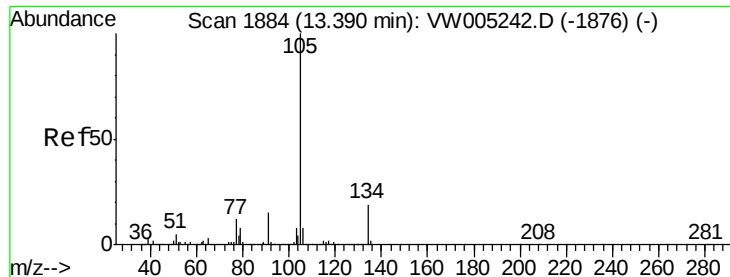
Tgt Ion:119 Resp: 1060516
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.7 95.1
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.257 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:105 Resp: 1209834
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3

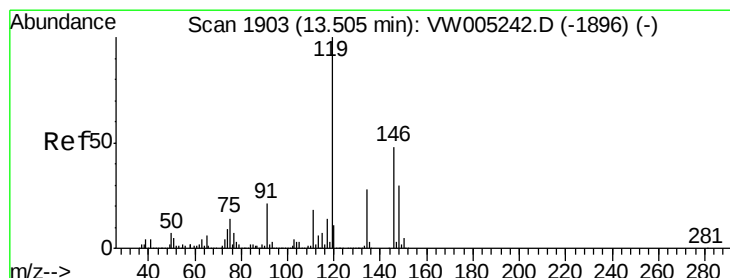
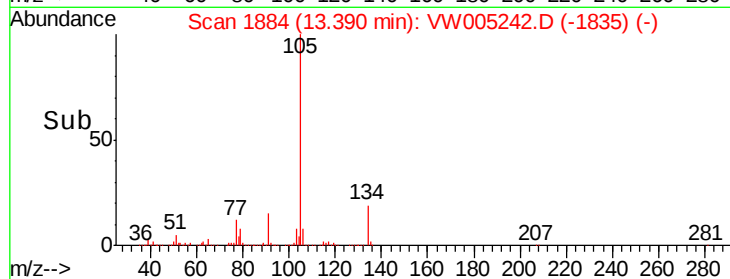
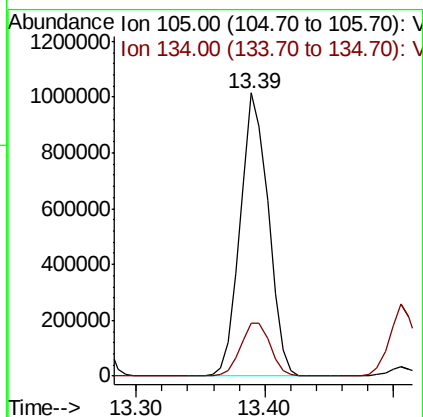
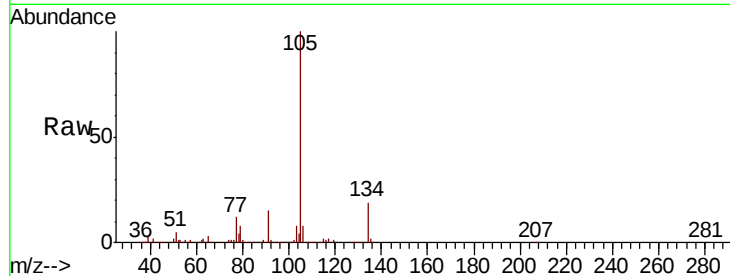




#85
 sec-Butylbenzene
 Concen: 50.845 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

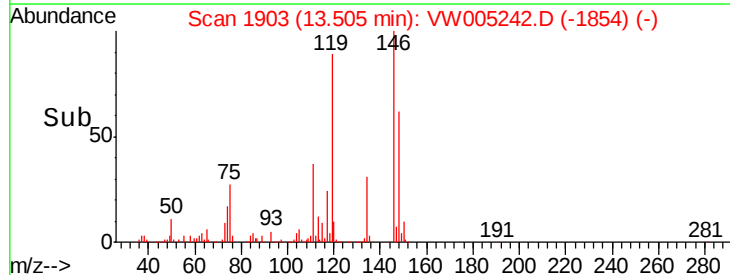
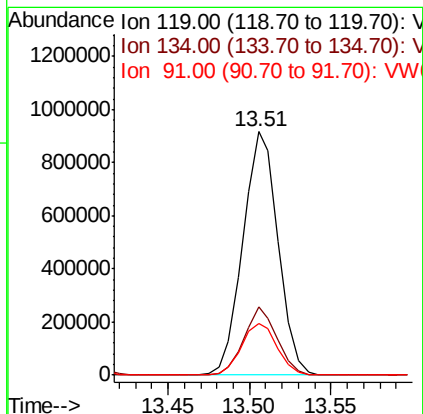
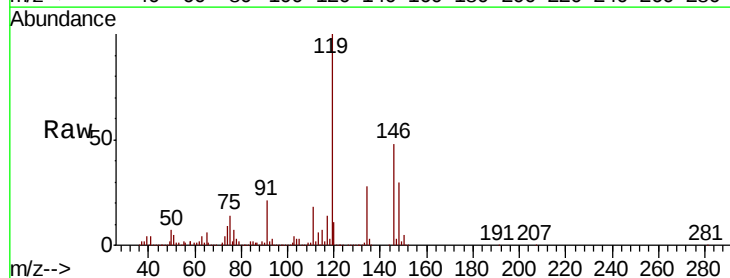
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

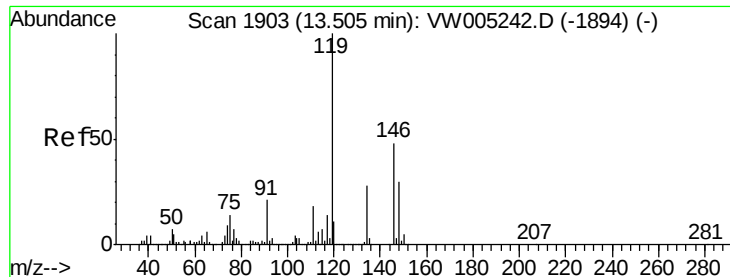
Tgt Ion:105 Resp: 1530995
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.487 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:119 Resp: 1372433
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 21.4 10.7 32.1

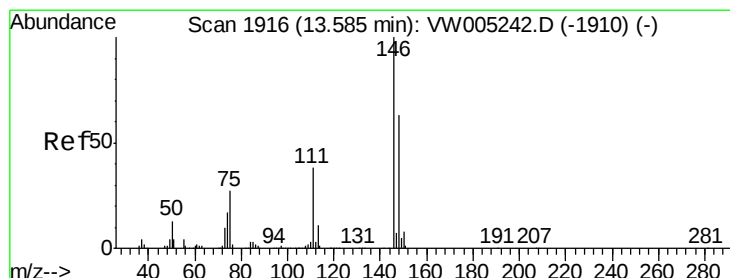
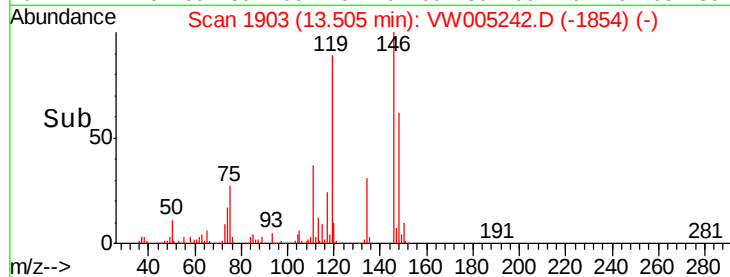
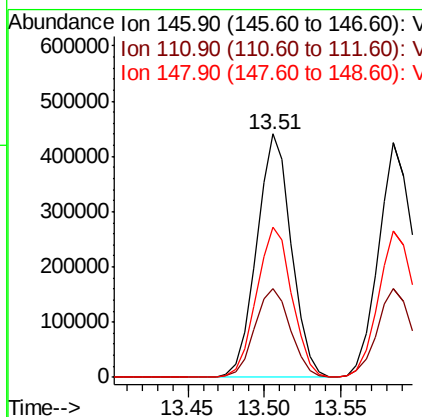
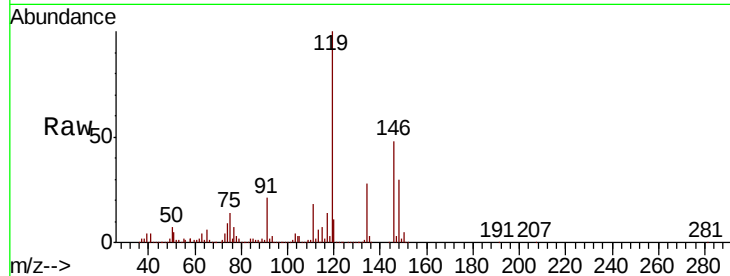




#87
 1,3-Dichlorobenzene
 Concen: 49.888 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

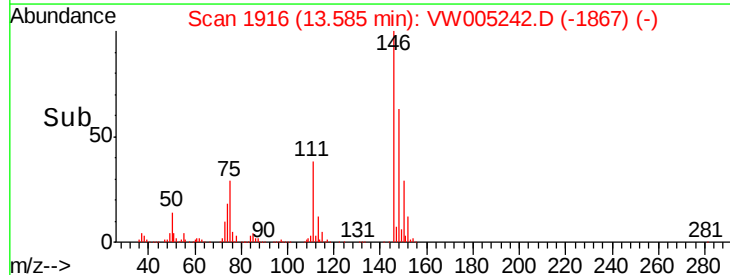
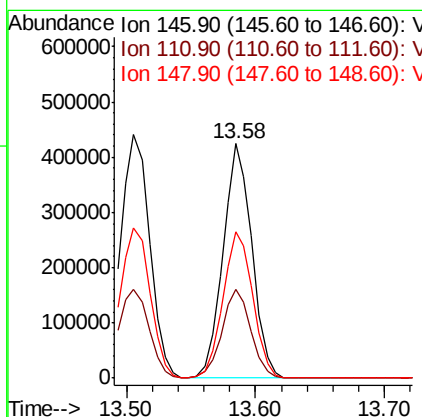
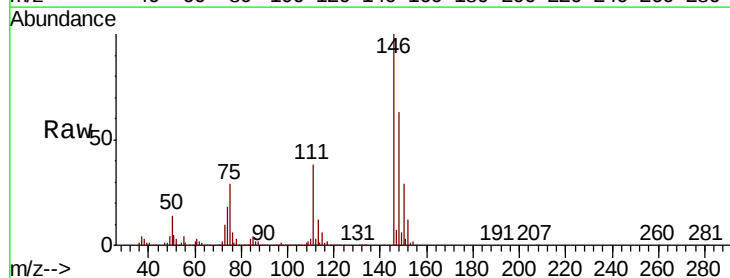
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

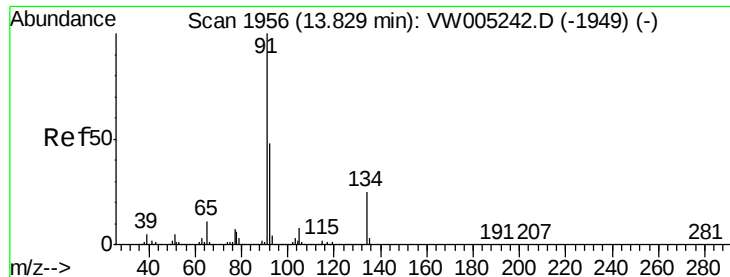
Tgt Ion:146 Resp: 694291
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.630 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:146 Resp: 664725
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.6 32.3 96.9

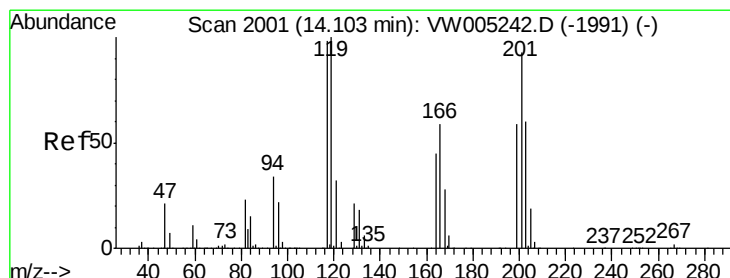
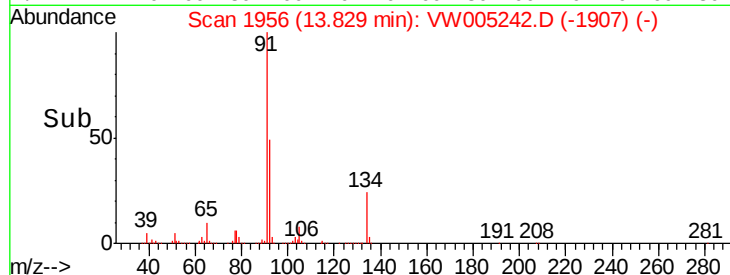
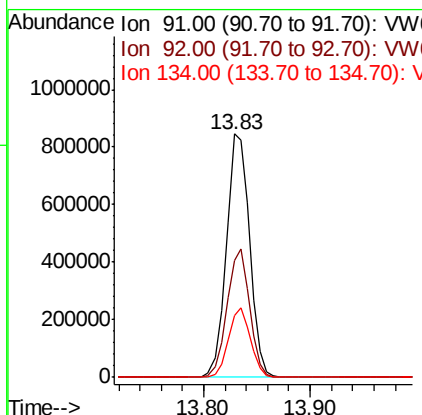
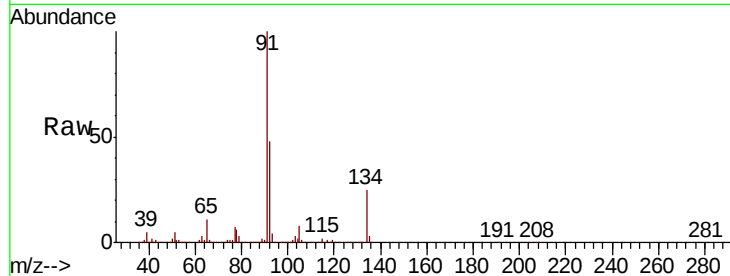




#89
n-Butylbenzene
Concen: 51.281 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

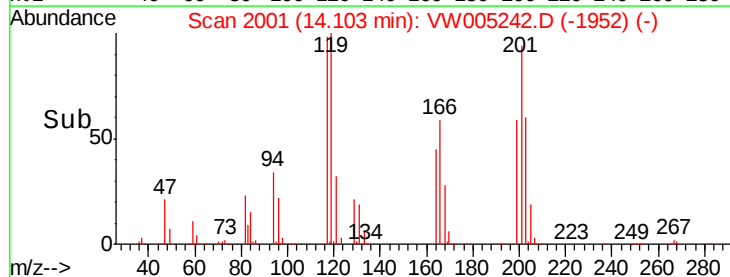
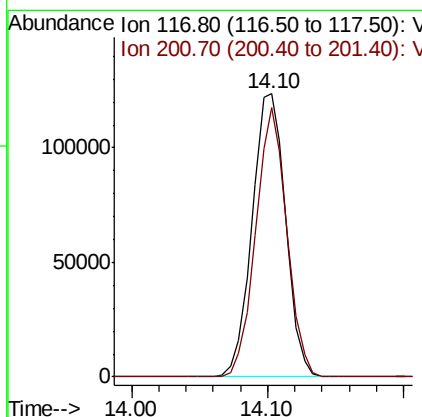
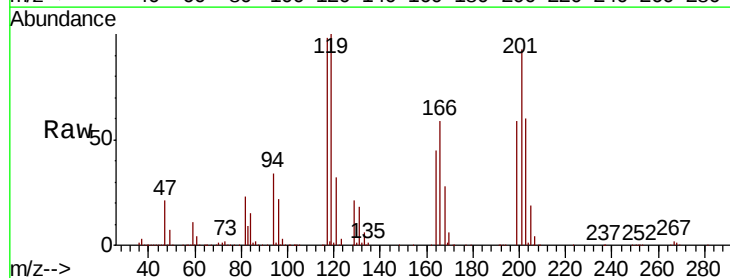
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

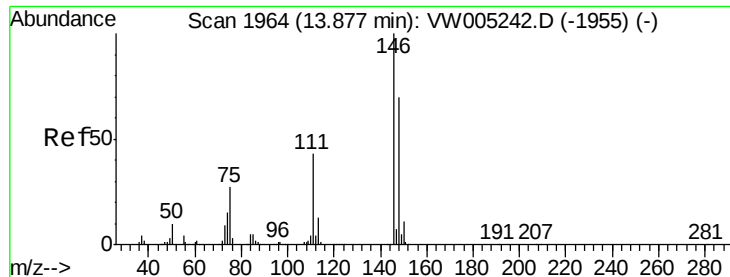
Tgt Ion: 91 Resp: 1285002
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 50.084 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 117 Resp: 213889
Ion Ratio Lower Upper
117 100
201 88.1 44.0 132.1

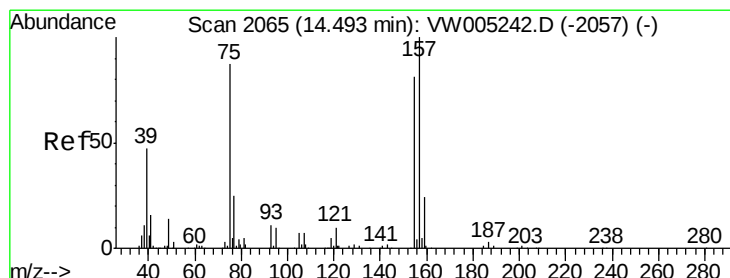
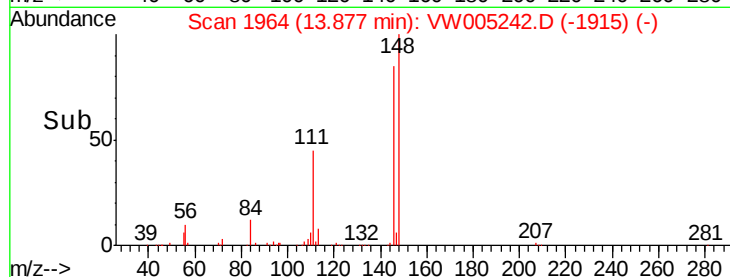
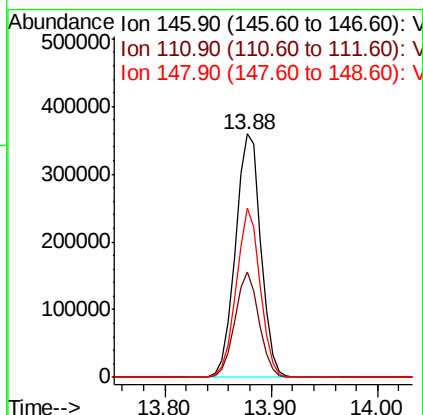
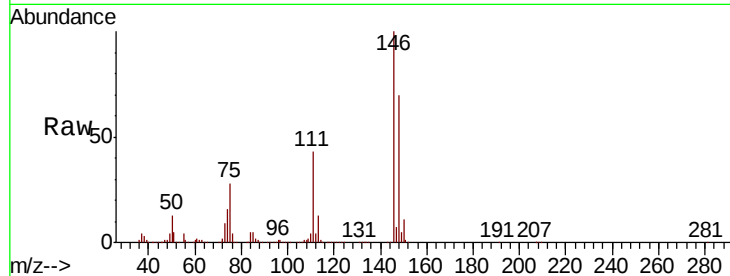




#91
 1,2-Dichlorobenzene
 Concen: 49.072 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

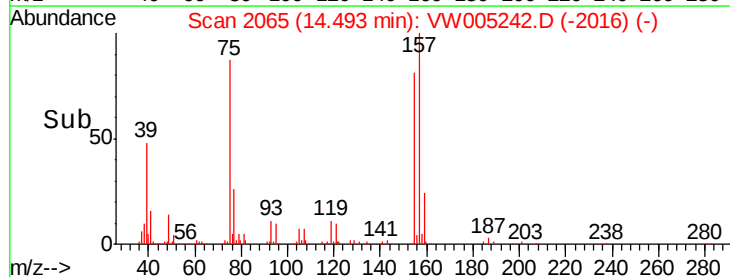
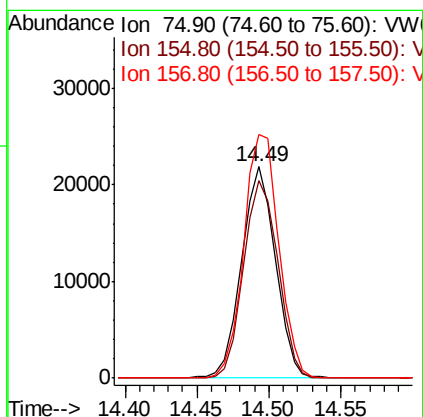
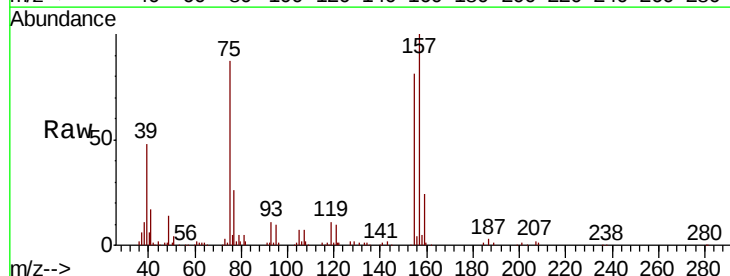
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

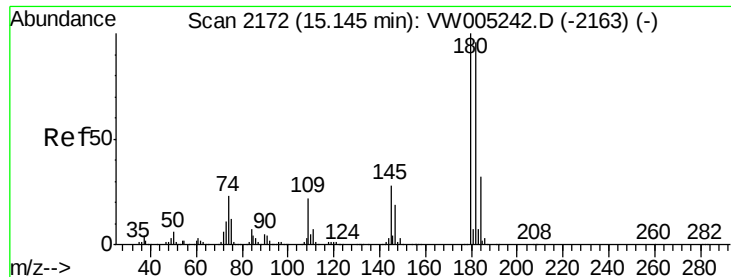
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	65.4	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.656 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	47.4	142.2
157	118.8	59.4	178.2

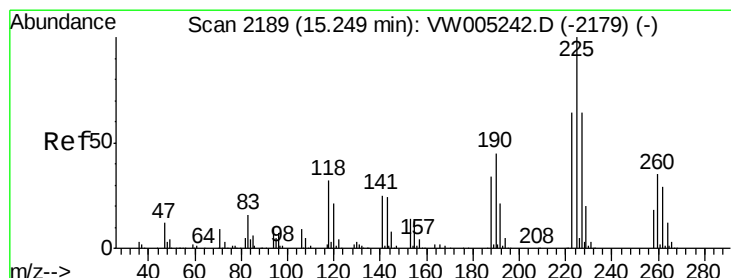
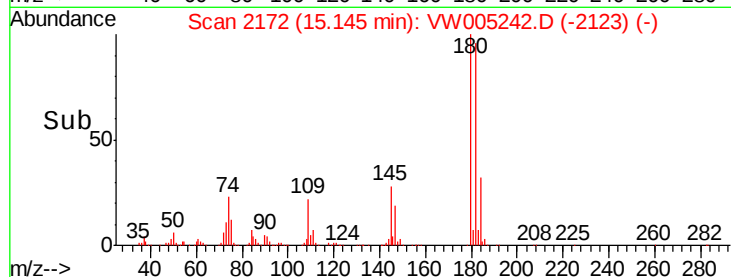
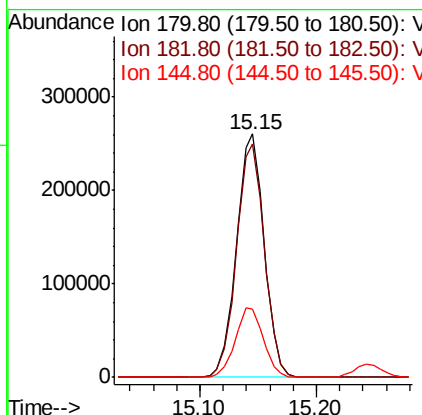
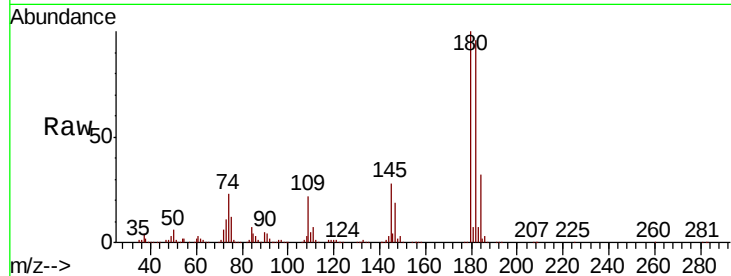




#93
 1,2,4-Trichlorobenzene
 Concen: 49.829 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

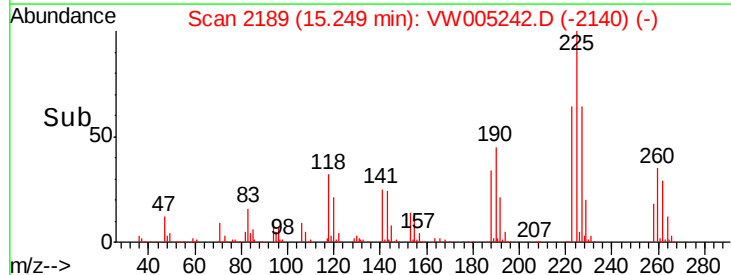
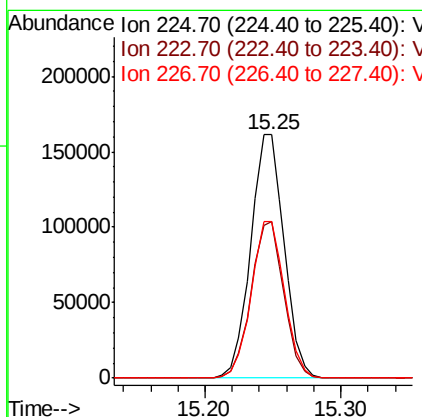
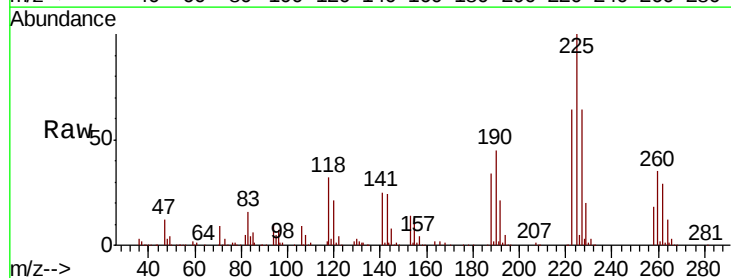
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

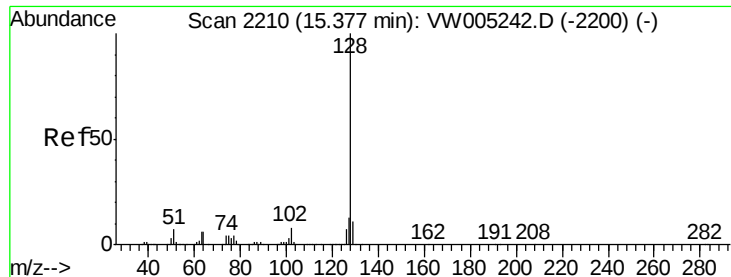
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	29.1	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 50.151 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.2
227	64.0	32.0	96.0

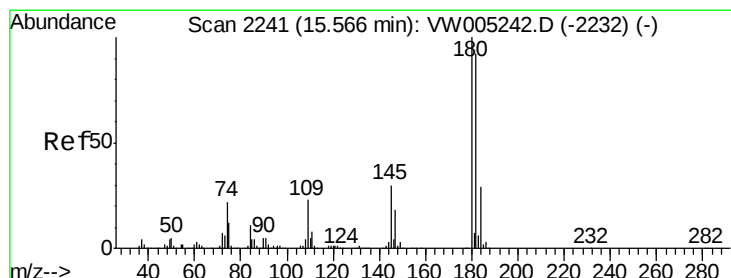
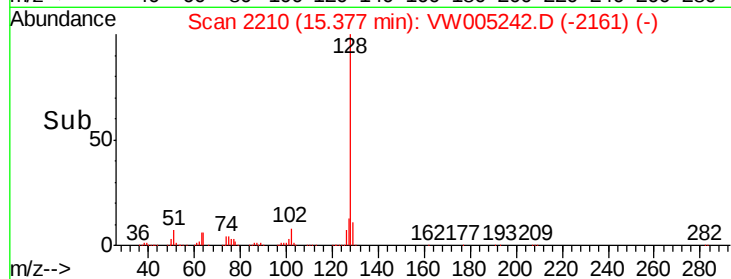
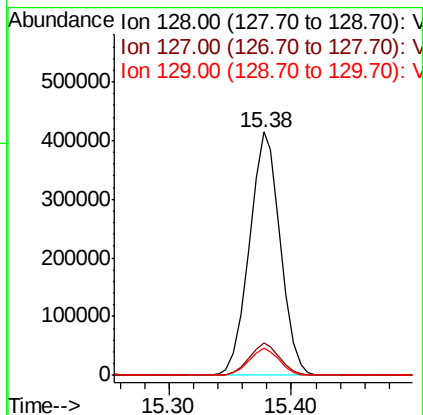
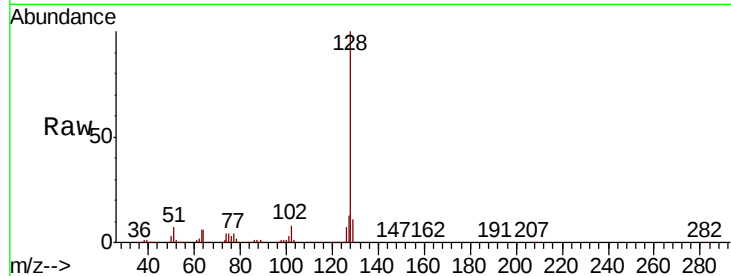




#95
Naphthalene
Concen: 51.794 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 726632
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.534 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion:180 Resp: 376250
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 30.4 15.2 45.6

