

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005500.D
 Acq On : 19 Sep 2018 01:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 06:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	313565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	481697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	454833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229836	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152020	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.89	113	128340	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.33	98	621756	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	231917	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	128192	47.968	ug/l	98
3) Chloromethane	2.21	50	199244	53.830	ug/l	100
4) Vinyl Chloride	2.36	62	173046	49.910	ug/l	96
5) Bromomethane	2.78	94	108346	51.519	ug/l	99
6) Chloroethane	2.92	64	96359	46.891	ug/l	96
7) Trichlorofluoromethane	3.26	101	206055	44.857	ug/l	99
8) Diethyl Ether	3.69	74	73605	53.918	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	131965	49.262	ug/l	97
10) Methyl Iodide	4.28	142	133707	40.116	ug/l	96
11) Tert butyl alcohol	5.23	59	52341	268.469	ug/l	98
12) 1,1-Dichloroethene	4.04	96	122082	50.322	ug/l	90
13) Acrolein	3.91	56	37598	270.274	ug/l	97
14) Allyl chloride	4.68	41	268136	59.397	ug/l	92
15) Acrylonitrile	5.39	53	178755	286.276	ug/l	99
16) Acetone	4.16	43	134686	290.686	ug/l	98
17) Carbon Disulfide	4.38	76	429052	50.204	ug/l	99
18) Methyl Acetate	4.70	43	92977	59.447	ug/l	97
19) Methyl tert-butyl Ether	5.44	73	356613	54.135	ug/l	99
20) Methylene Chloride	4.92	84	179053	56.156	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	146395	50.529	ug/l	94
22) Diisopropyl ether	6.32	45	553373	62.359	ug/l	97
23) Vinyl Acetate	6.27	43	1511282	298.872	ug/l	97
24) 1,1-Dichloroethane	6.23	63	290505	53.946	ug/l	98
25) 2-Butanone	7.19	43	224776	287.085	ug/l	92
26) 2,2-Dichloropropane	7.18	77	229566	47.524	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	163826	51.983	ug/l	98
28) Bromochloromethane	7.52	49	117978	56.326	ug/l #	88
29) Tetrahydrofuran	7.54	42	149579	299.883	ug/l	94
30) Chloroform	7.68	83	280327	50.269	ug/l	99
31) Cyclohexane	7.96	56	281150	54.120	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	252976	48.787	ug/l	99
36) 1,1-Dichloropropene	8.09	75	229947	50.441	ug/l	99
37) Ethyl Acetate	7.26	43	105098	56.691	ug/l	97
38) Carbon Tetrachloride	8.07	117	214923	45.244	ug/l	98

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 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	278159	52.512	ug/l	98
40) Benzene	8.33	78	690316	52.275	ug/l	100
41) Methacrylonitrile	7.49	41	66930	59.840	ug/l	95
42) 1,2-Dichloroethane	8.41	62	190962	46.201	ug/l	97
43) Isopropyl Acetate	8.43	43	204865	56.624	ug/l	97
44) Trichloroethene	9.10	130	165206	48.605	ug/l	97
45) 1,2-Dichloropropane	9.38	63	175285	55.556	ug/l	99
46) Dibromomethane	9.46	93	78007	50.260	ug/l	97
47) Bromodichloromethane	9.65	83	208826	49.660	ug/l	99
48) Methyl methacrylate	9.45	41	103237	57.176	ug/l	96
49) 1,4-Dioxane	9.49	88	29371	1135.397	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	551091	295.888	ug/l	99
52) Toluene	10.40	92	466211	52.131	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	214369	50.938	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	252467	52.983	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	115293	49.980	ug/l	96
56) Ethyl methacrylate	10.65	69	168123	57.581	ug/l	98
57) 1,3-Dichloropropane	10.94	76	209873	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	404188	306.067	ug/l	95
59) 2-Hexanone	10.98	43	384450	303.034	ug/l	99
60) Dibromochloromethane	11.13	129	131962	47.546	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105964	51.220	ug/l	99
64) Tetrachloroethene	10.87	164	169278	50.358	ug/l	98
65) Chlorobenzene	11.66	112	499289	51.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	153892	49.879	ug/l	98
67) Ethyl Benzene	11.74	91	912890	53.776	ug/l	98
68) m/p-Xylenes	11.85	106	690577	105.699	ug/l	99
69) o-Xylene	12.17	106	324339	53.310	ug/l	100
70) Styrene	12.19	104	541528	53.934	ug/l	99
71) Bromoform	12.35	173	78355	48.007	ug/l #	98
73) Isopropylbenzene	12.47	105	892599	55.355	ug/l	100
74) N-amyl acetate	12.28	43	211095	62.126	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	136265	57.929	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	189589	100.293	ug/l #	100
77) Bromobenzene	12.76	156	195517	51.286	ug/l	93
78) n-propylbenzene	12.81	91	1087570	55.886	ug/l	99
79) 2-Chlorotoluene	12.90	91	628849	54.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	756622	53.777	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40439	55.493	ug/l	98
82) 4-Chlorotoluene	12.99	91	653233	53.895	ug/l	100
83) tert-Butylbenzene	13.21	119	629475	53.866	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	772080	54.051	ug/l	100
85) sec-Butylbenzene	13.39	105	916480	54.277	ug/l	99
86) p-Isopropyltoluene	13.51	119	806410	53.403	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	399839	51.715	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	391369	51.404	ug/l	100
89) n-Butylbenzene	13.83	91	779149	55.411	ug/l	99
90) Hexachloroethane	14.10	117	135429	52.343	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	352598	52.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24070	53.278	ug/l	95

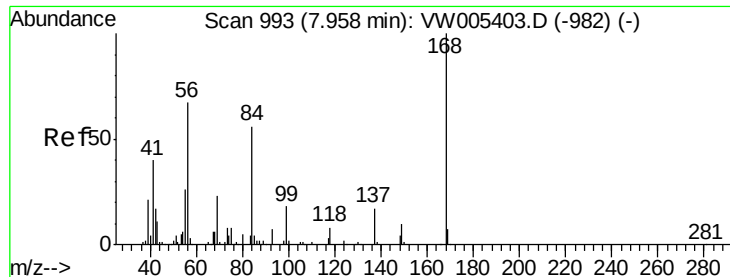
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	237151	52.603	ug/l	99
94) Hexachlorobutadiene	15.24	225	144433	49.059	ug/l	99
95) Naphthalene	15.38	128	410074	54.586	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	204573	51.994	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

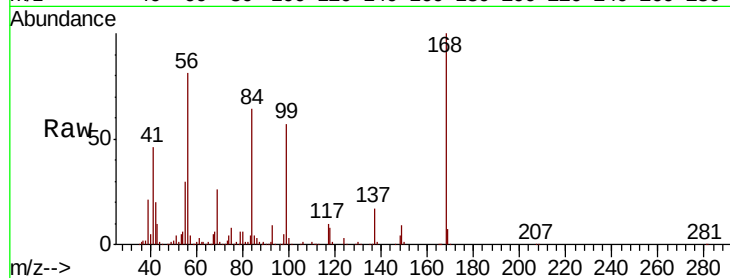
VSTDCCC050

Tgt Ion:168 Resp: 313565

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

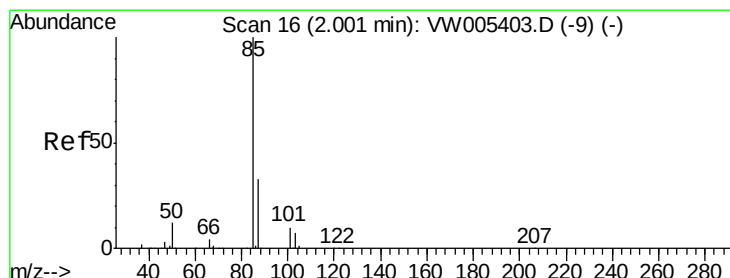
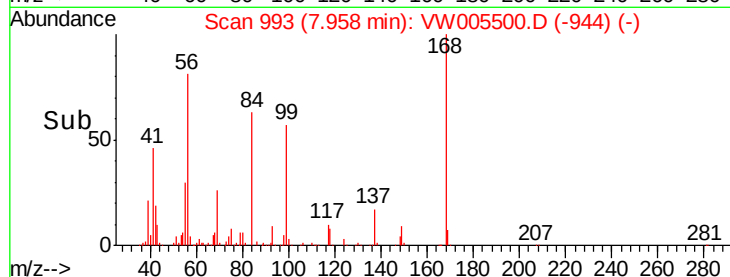
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 47.968 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005500.D

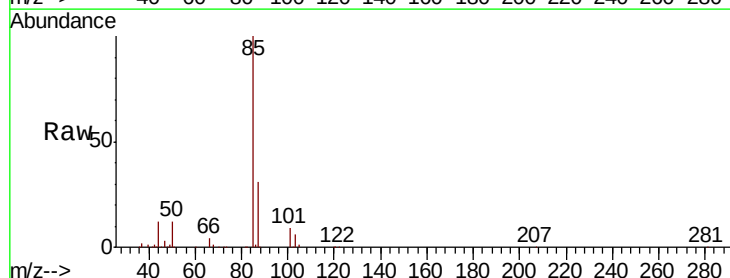
Acq: 19 Sep 2018 01:07

Tgt Ion: 85 Resp: 128192

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

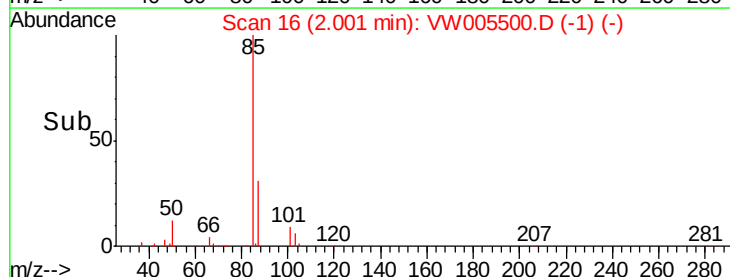
40000

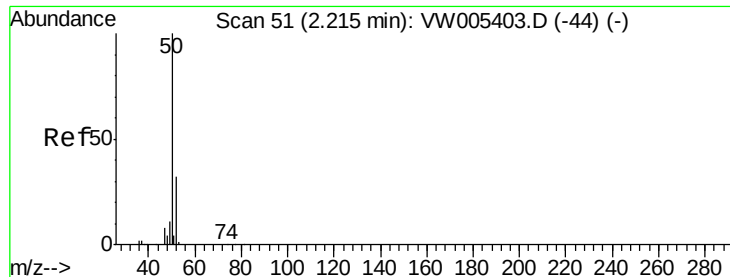
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 53.830 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

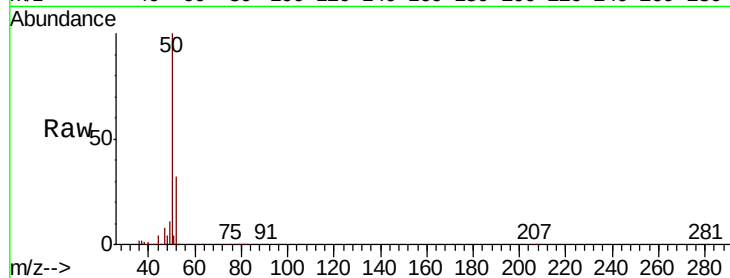
VSTDCCC050

Tgt Ion: 50 Resp: 199244

Ion Ratio Lower Upper

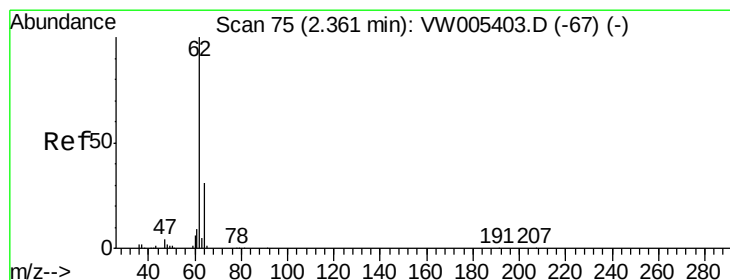
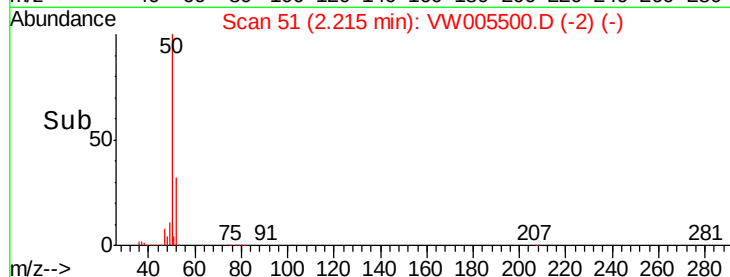
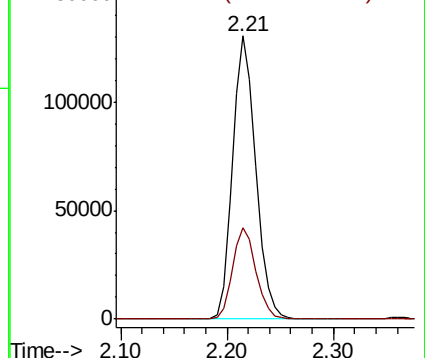
50 100

52 32.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.910 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005500.D

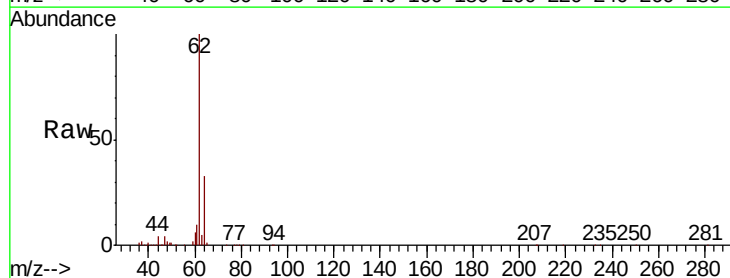
Acq: 19 Sep 2018 01:07

Tgt Ion: 62 Resp: 173046

Ion Ratio Lower Upper

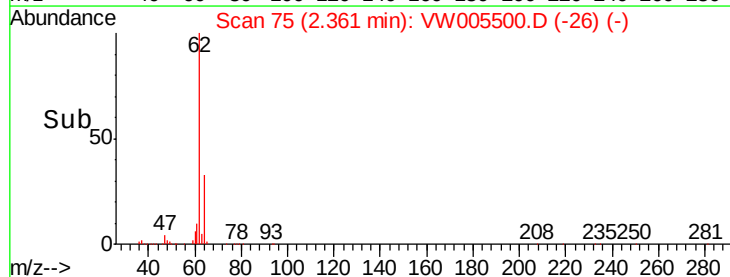
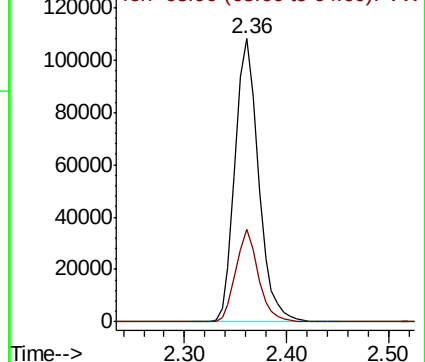
62 100

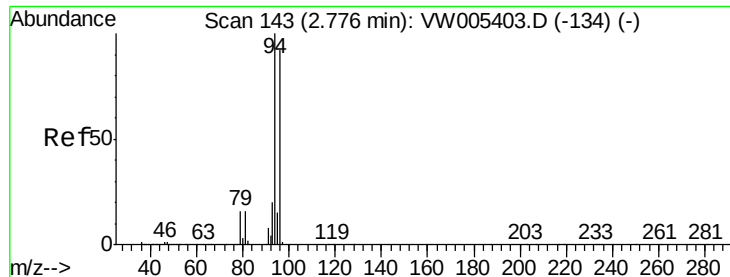
64 32.8 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 51.519 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

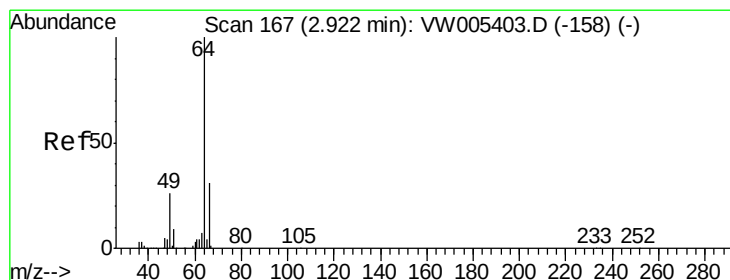
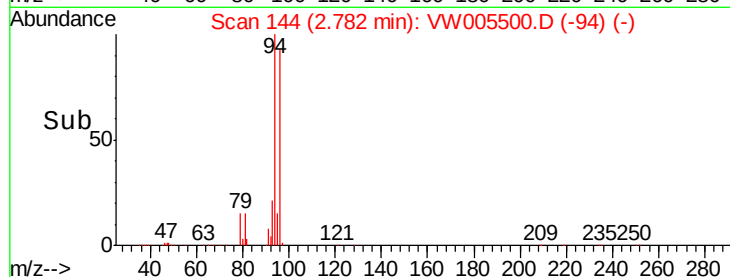
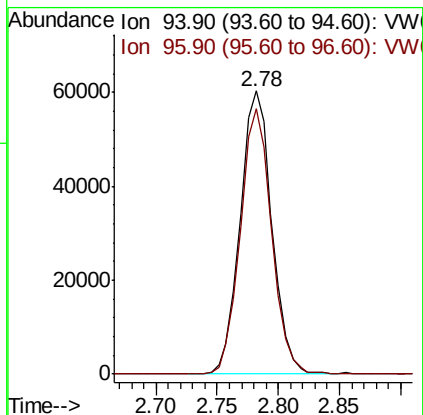
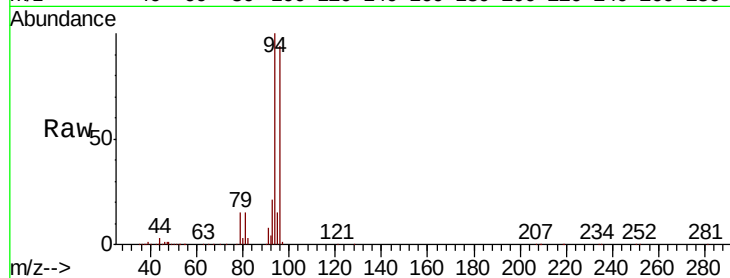
VSTDCCC050

Tgt Ion: 94 Resp: 108346

Ion Ratio Lower Upper

94 100

96 93.4 73.7 110.5



#6

Chloroethane

Concen: 46.891 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005500.D

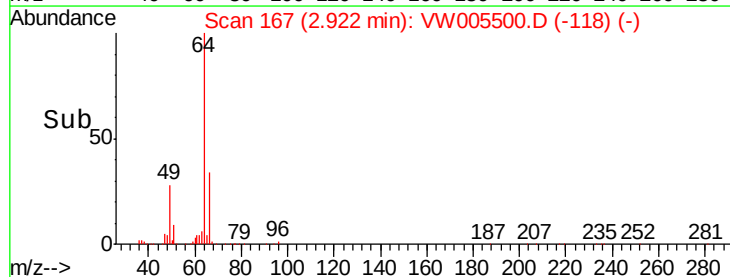
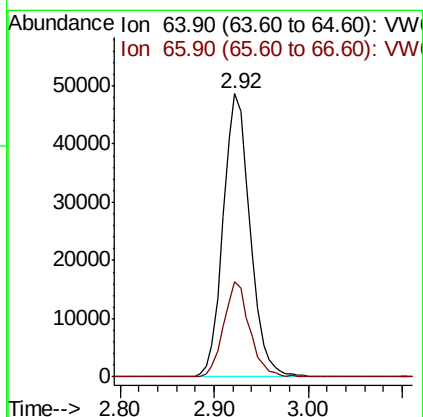
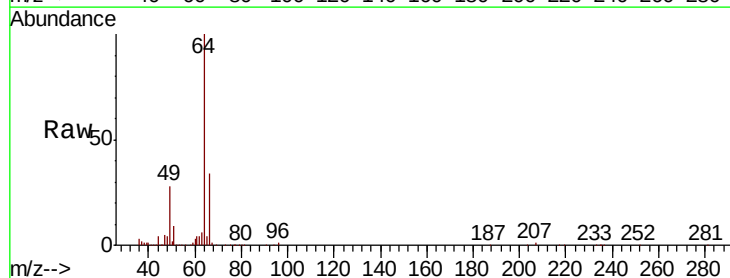
Acq: 19 Sep 2018 01:07

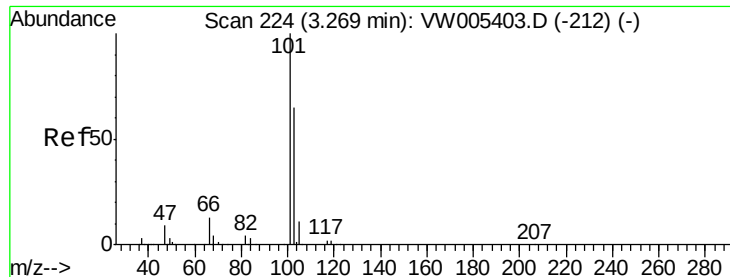
Tgt Ion: 64 Resp: 96359

Ion Ratio Lower Upper

64 100

66 33.5 25.2 37.8



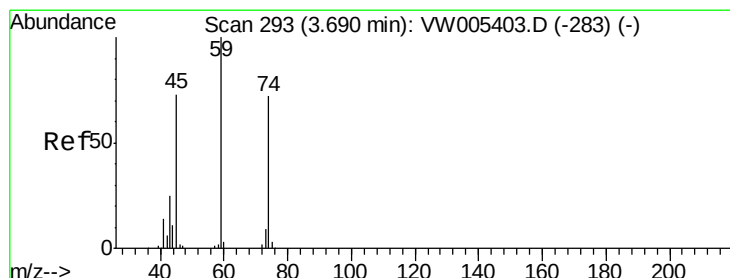
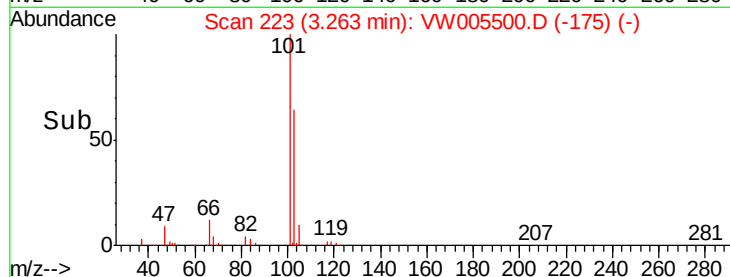
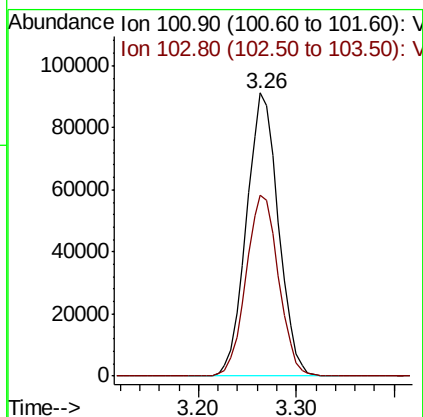
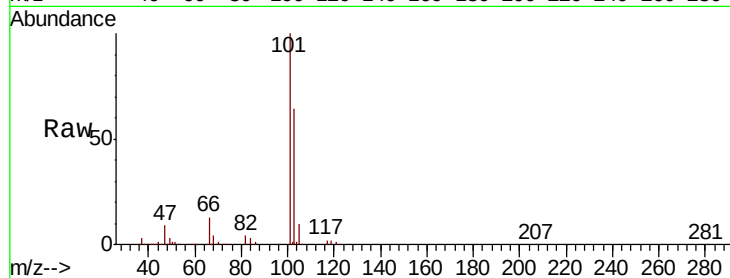


#7

Trichlorofluoromethane
 Concen: 44.857 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Instrument :
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 ClientSampleId :
 VSTDCCC050

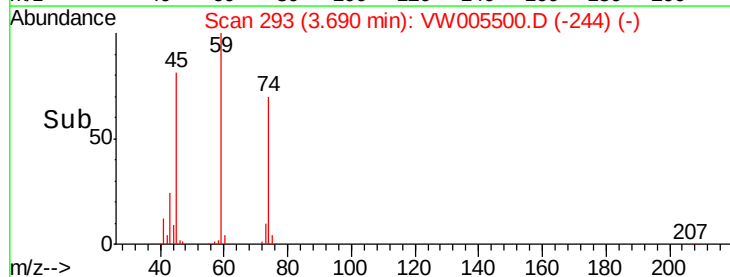
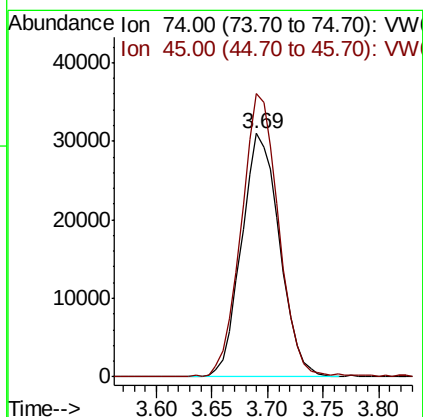
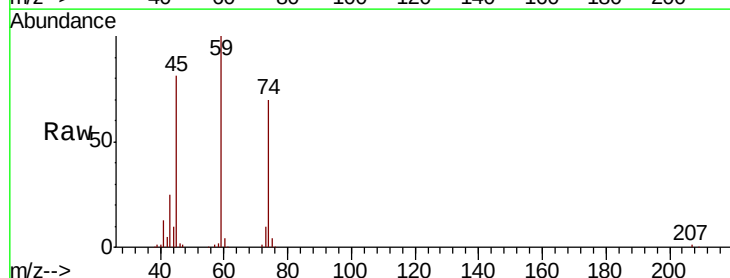
Tgt Ion: 101 Resp: 206055
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

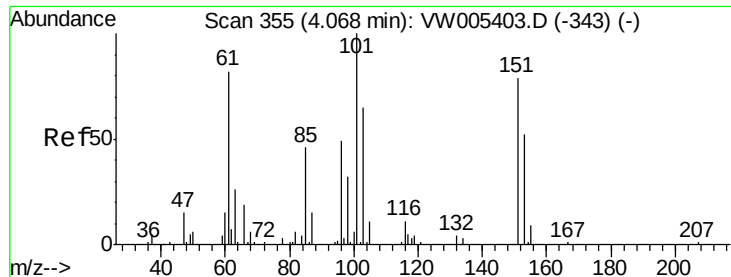


#8

Diethyl Ether
 Concen: 53.918 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 74 Resp: 73605
 Ion Ratio Lower Upper
 74 100
 45 114.6 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.262 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

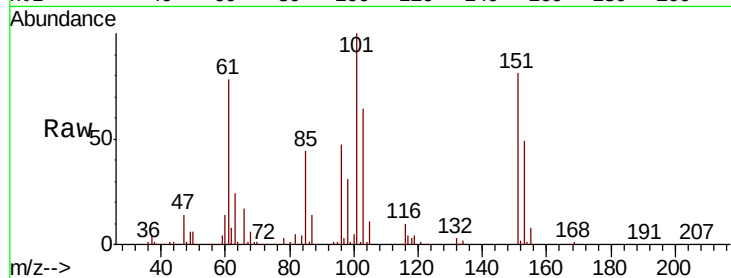
Tgt Ion:101 Resp: 131965

Ion Ratio Lower Upper

101 100

85 44.8 36.6 54.8

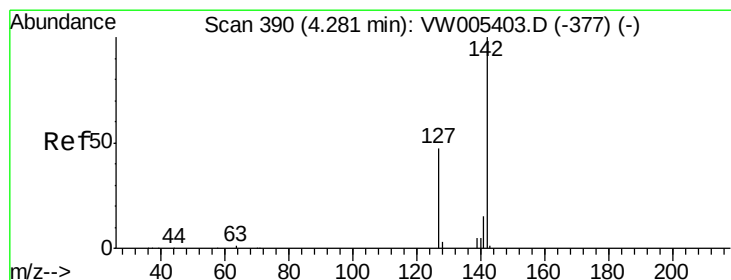
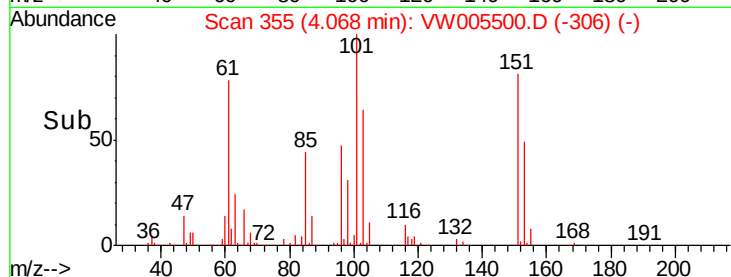
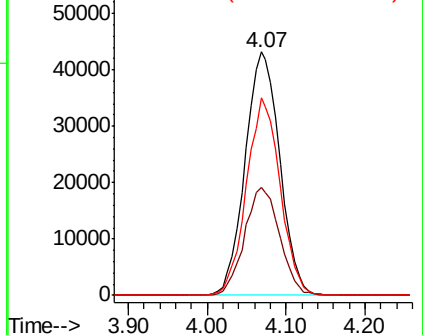
151 79.1 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.116 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

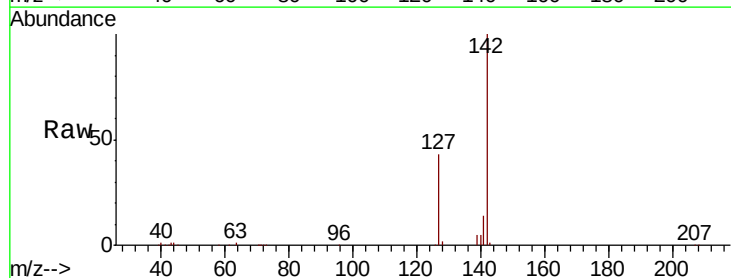
Tgt Ion:142 Resp: 133707

Ion Ratio Lower Upper

142 100

127 43.8 37.5 56.3

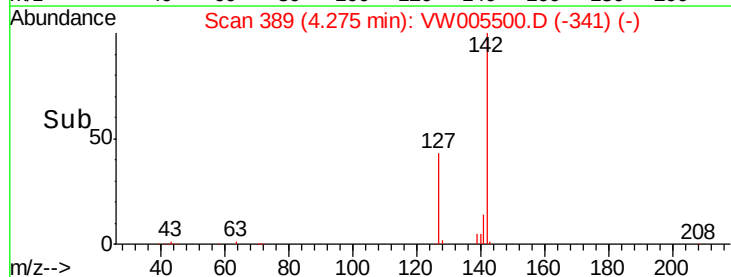
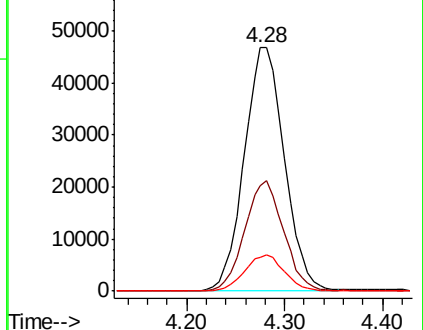
141 14.8 12.4 18.6

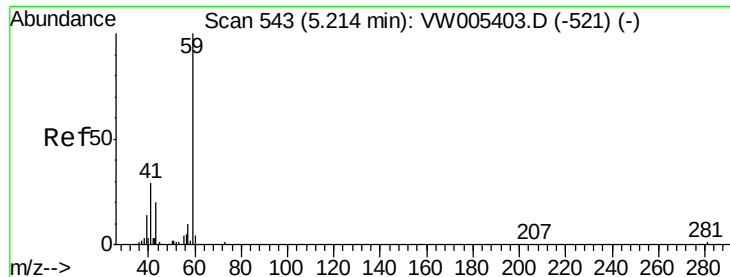


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

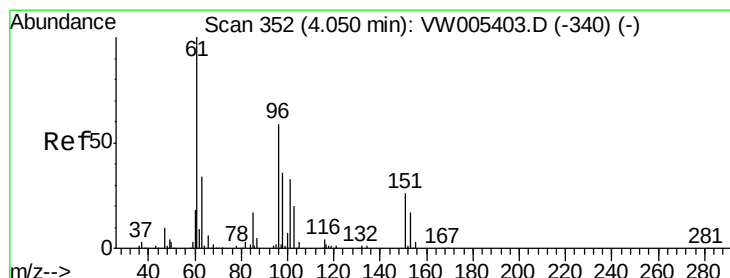
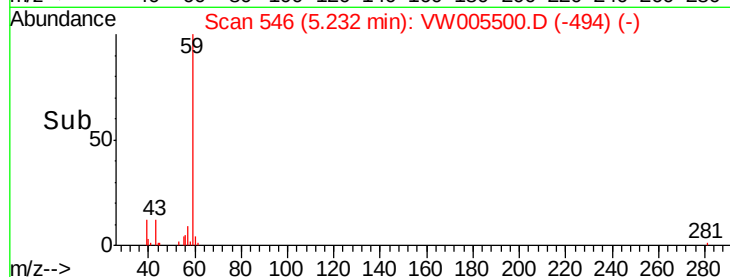
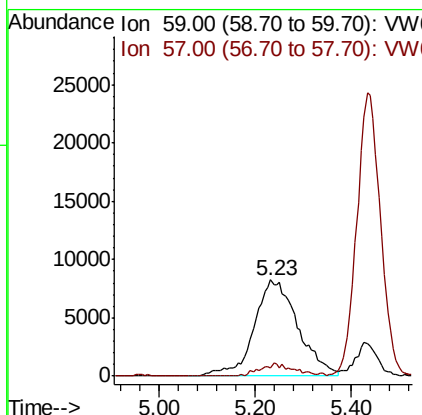
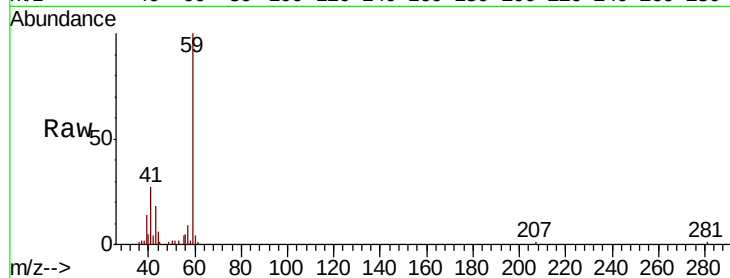




#11
Tert butyl alcohol
Concen: 268.469 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

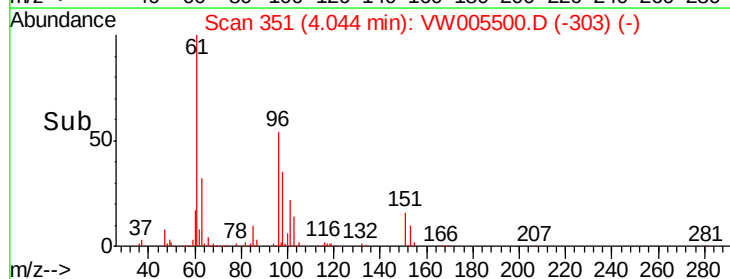
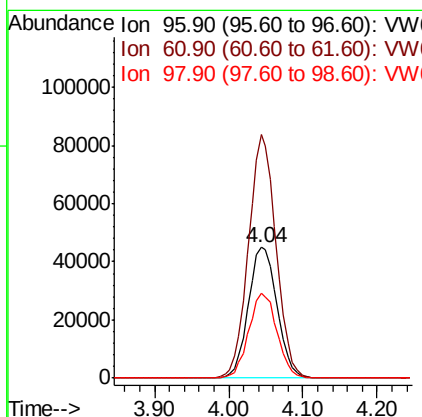
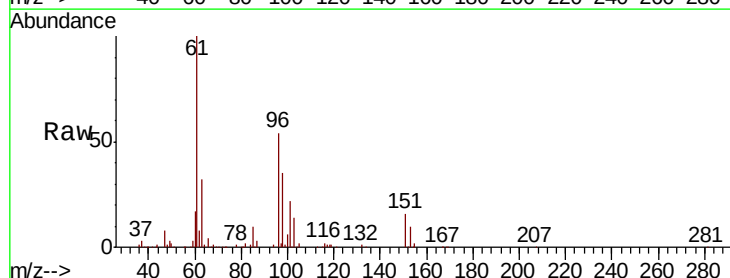
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

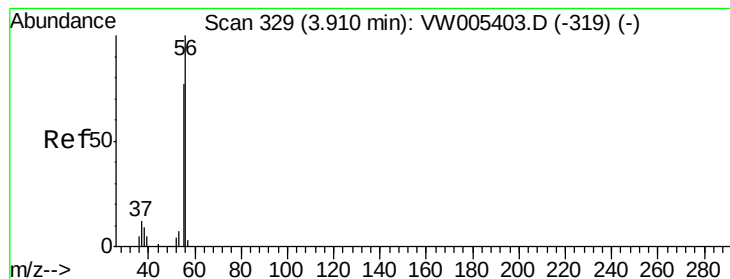
Tgt Ion: 59 Resp: 52341
Ion Ratio Lower Upper
59 100
57 9.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.322 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 96 Resp: 122082
Ion Ratio Lower Upper
96 100
61 186.3 135.7 203.5
98 64.8 48.6 73.0





#13

Acrolein

Concen: 270.274 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

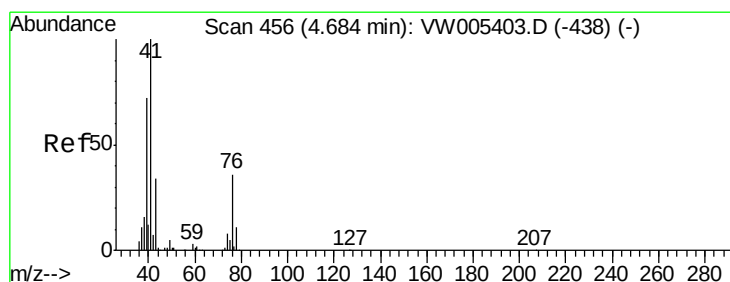
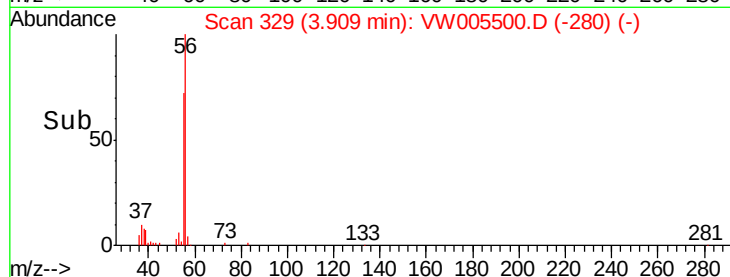
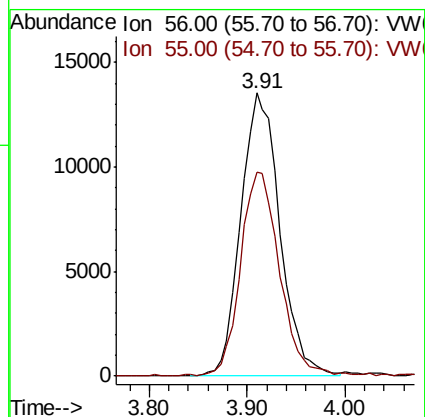
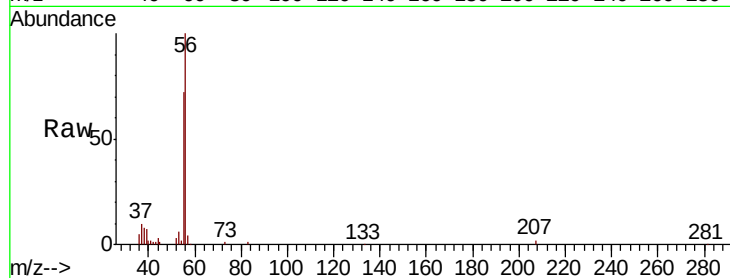
VSTDCCC050

Tgt Ion: 56 Resp: 37598

Ion Ratio Lower Upper

56 100

55 71.8 59.8 89.8



#14

Allyl chloride

Concen: 59.397 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

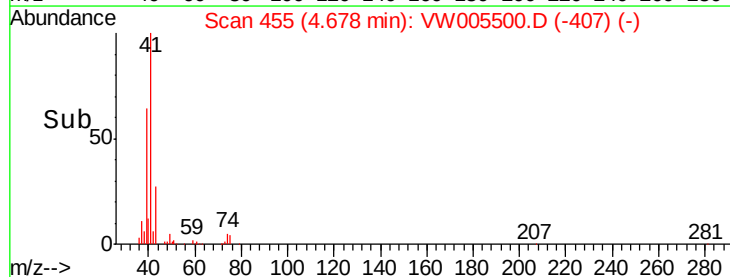
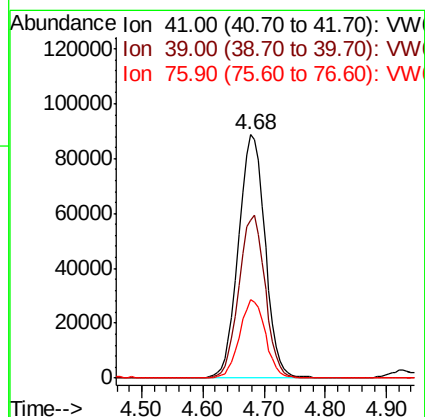
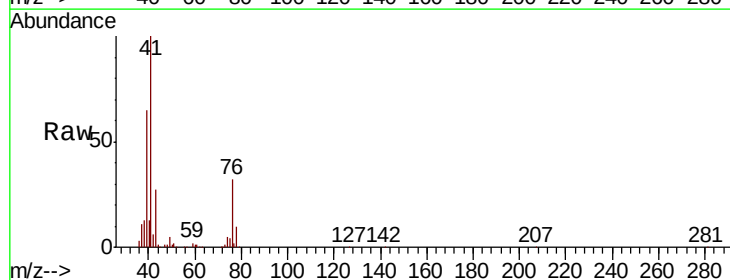
Tgt Ion: 41 Resp: 268136

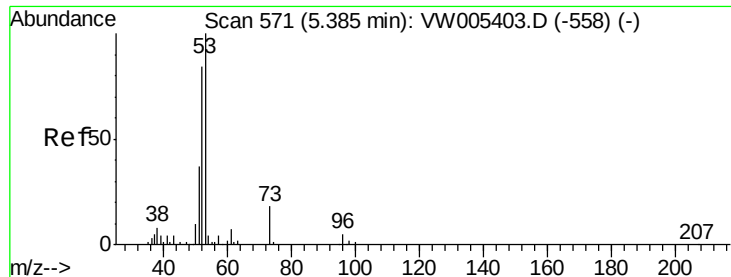
Ion Ratio Lower Upper

41 100

39 66.2 58.6 88.0

76 31.1 27.4 41.0





#15

Acrylonitrile

Concen: 286.276 ug/l

RT: 5.39 min Scan# 572

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

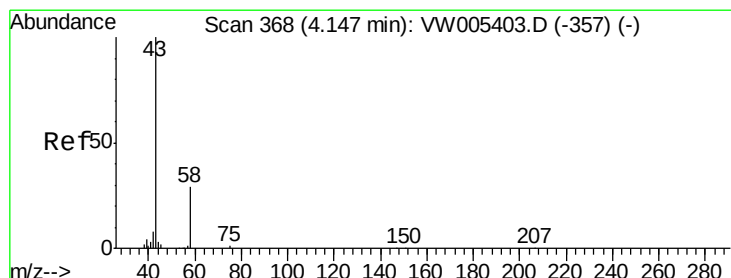
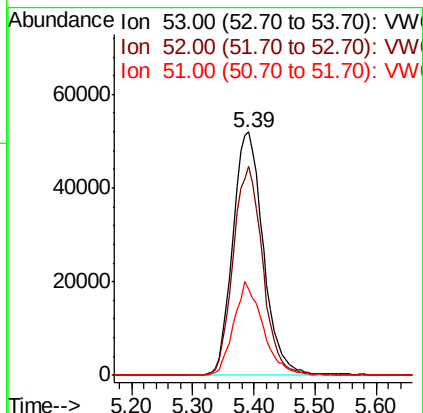
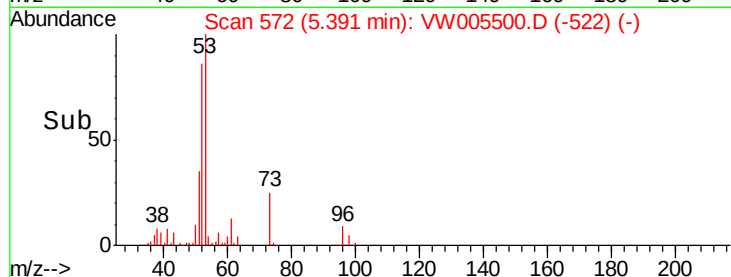
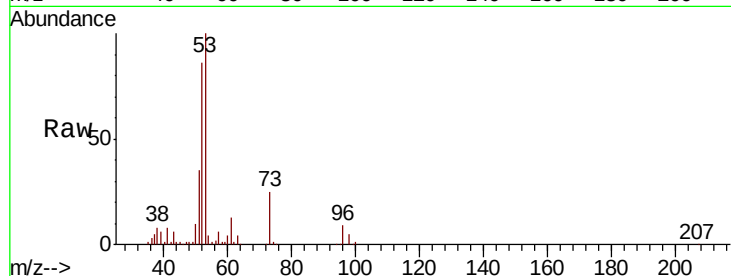
Tgt Ion: 53 Resp: 178755

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 36.7 31.1 46.7



#16

Acetone

Concen: 290.686 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW005500.D

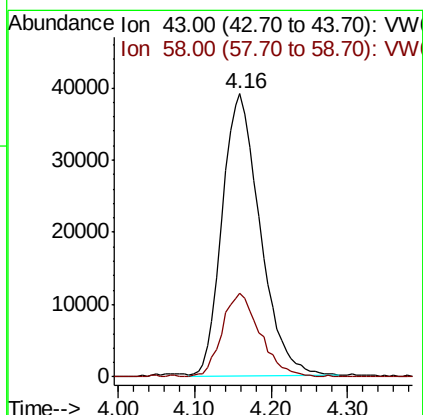
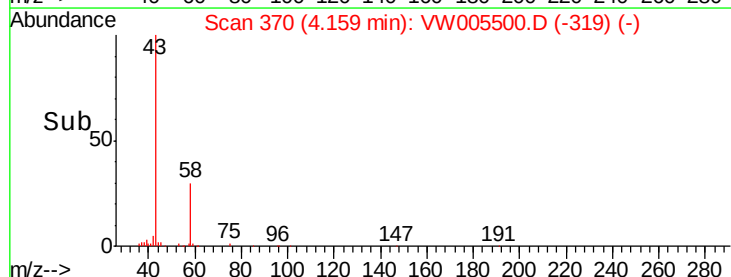
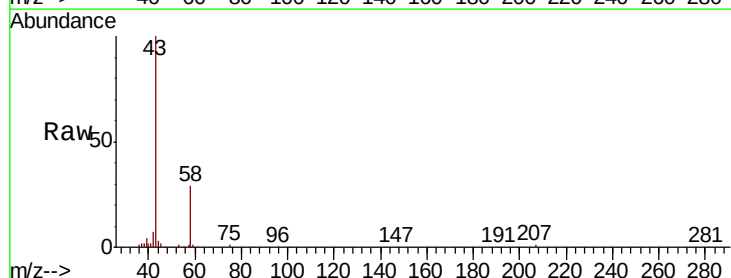
Acq: 19 Sep 2018 01:07

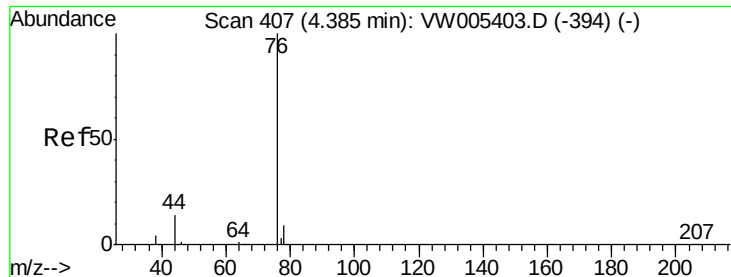
Tgt Ion: 43 Resp: 134686

Ion Ratio Lower Upper

43 100

58 29.3 22.8 34.2





#17

Carbon Disulfide

Concen: 50.204 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

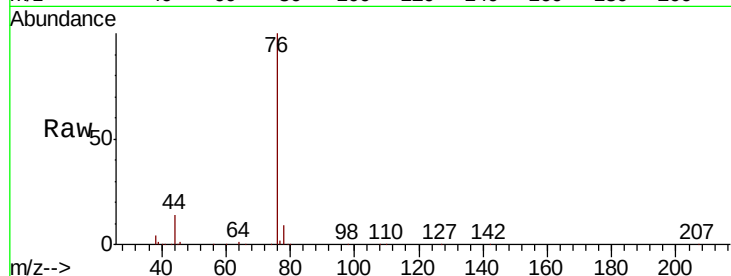
VSTDCCC050

Tgt Ion: 76 Resp: 429052

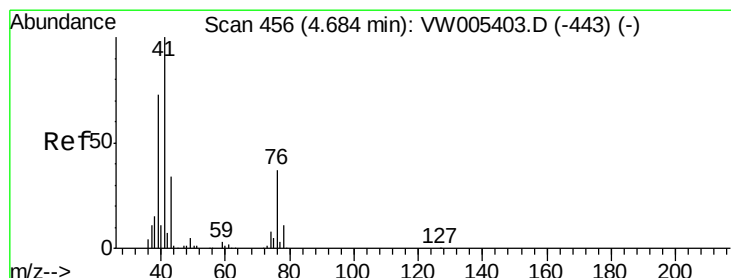
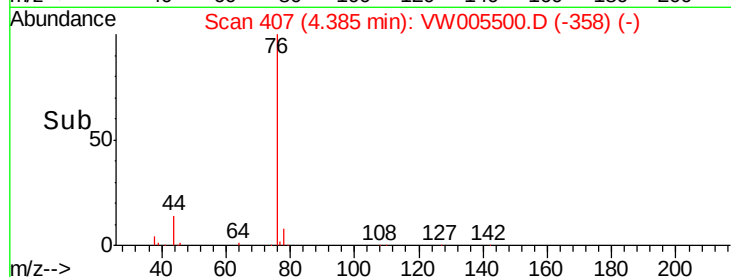
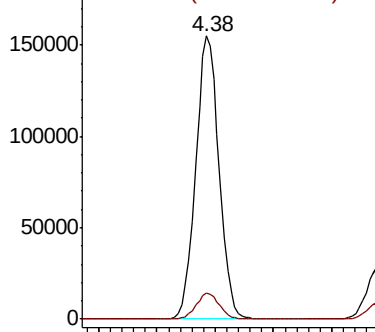
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 59.447 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW005500.D

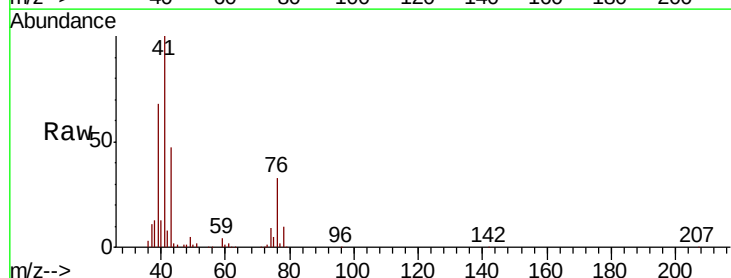
Acq: 19 Sep 2018 01:07

Tgt Ion: 43 Resp: 92977

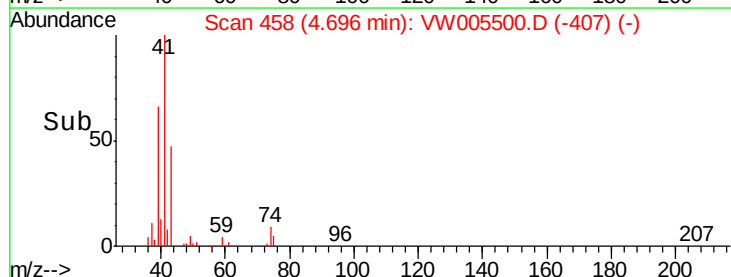
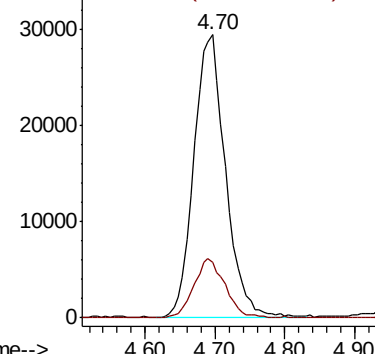
Ion Ratio Lower Upper

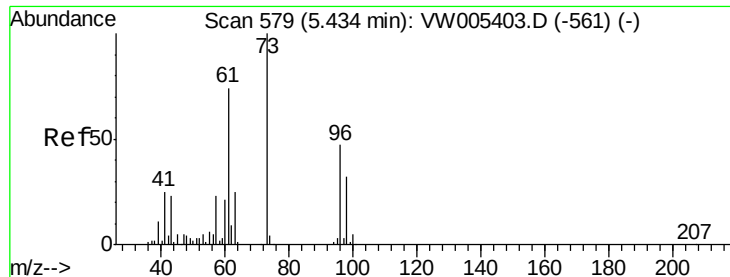
43 100

74 20.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

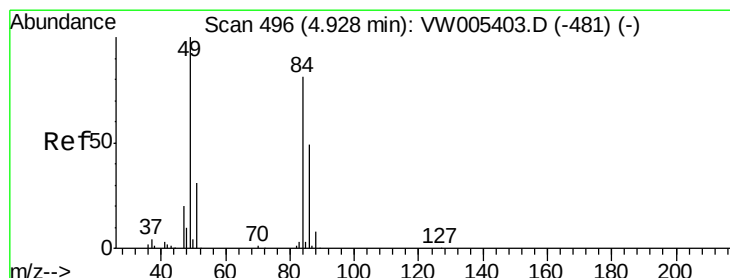
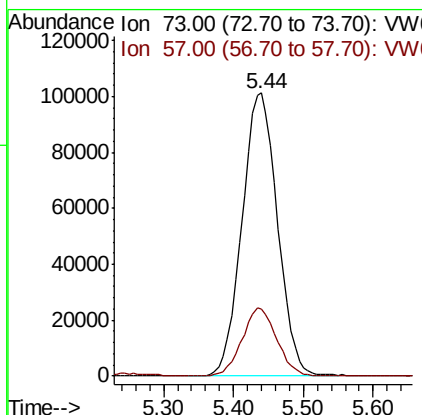
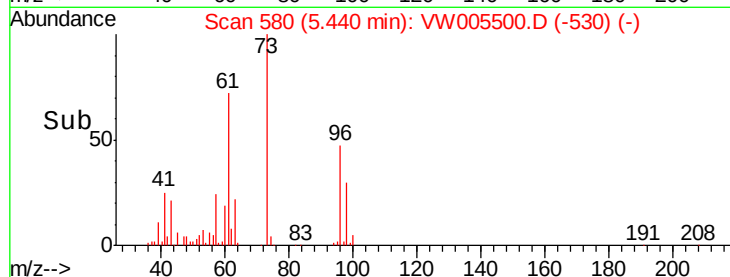
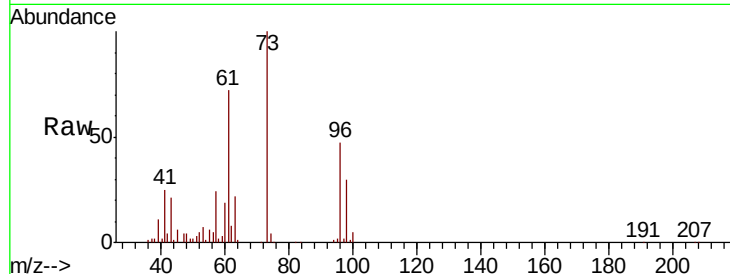




#19
Methyl tert-butyl Ether
Concen: 54.135 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

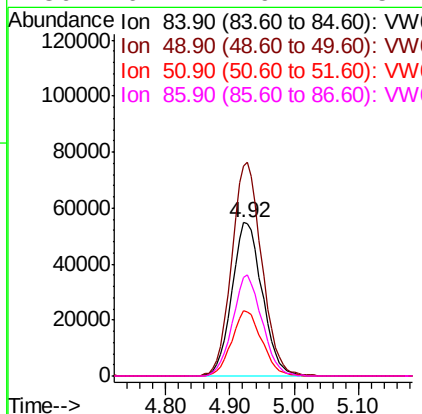
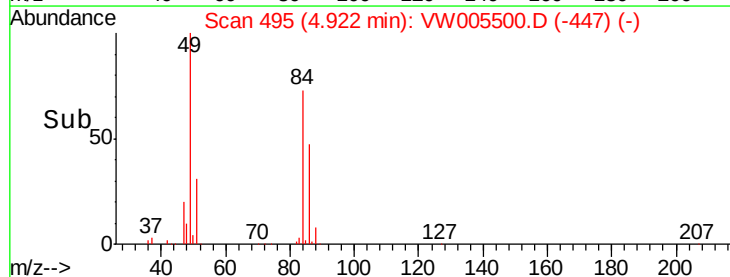
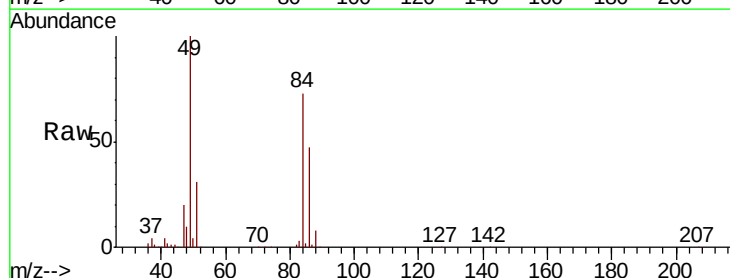
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

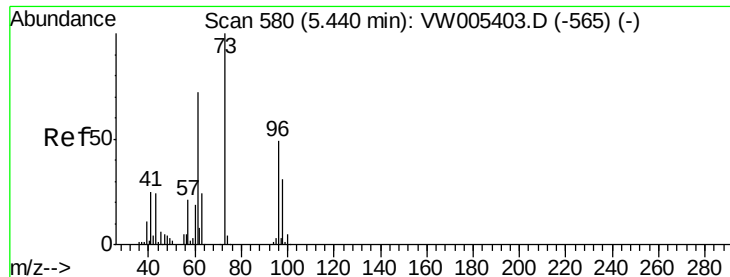
Tgt Ion: 73 Resp: 356613
Ion Ratio Lower Upper
73 100
57 23.7 18.6 28.0



#20
Methylene Chloride
Concen: 56.156 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 84 Resp: 179053
Ion Ratio Lower Upper
84 100
49 137.1 99.3 148.9
51 42.5 31.1 46.7
86 64.1 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 50.529 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

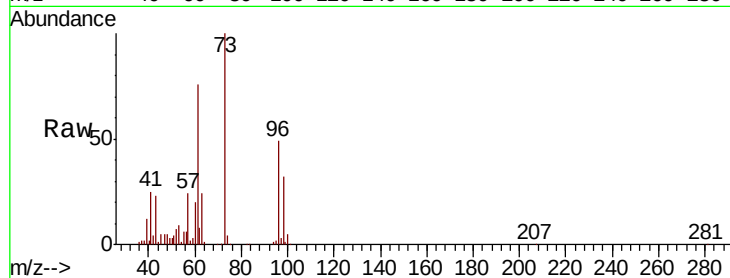
Tgt Ion: 96 Resp: 146395

Ion Ratio Lower Upper

96 100

61 155.5 116.7 175.1

98 65.7 51.0 76.6

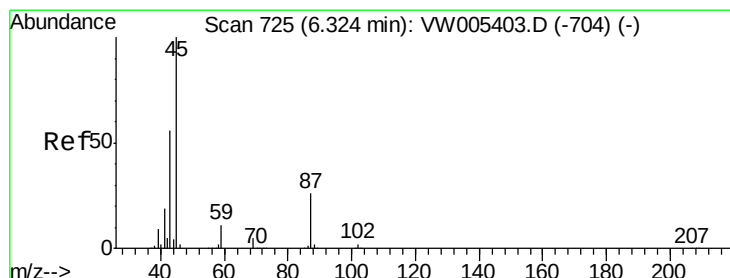
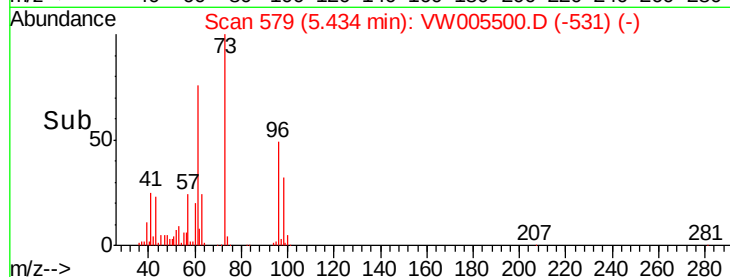
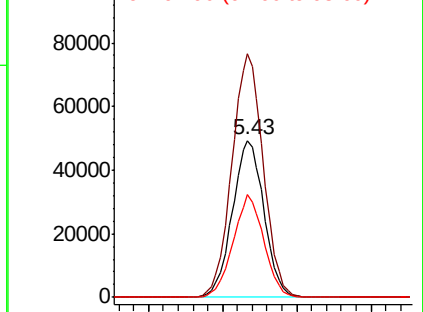


Abundance

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: 62.359 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Tgt Ion: 45 Resp: 553373

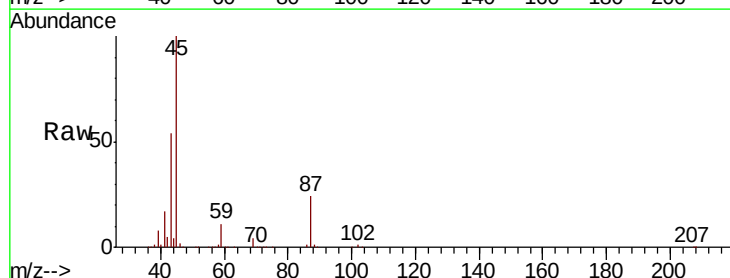
Ion Ratio Lower Upper

45 100

43 53.7 44.6 67.0

87 24.0 20.6 31.0

59 10.6 8.9 13.3



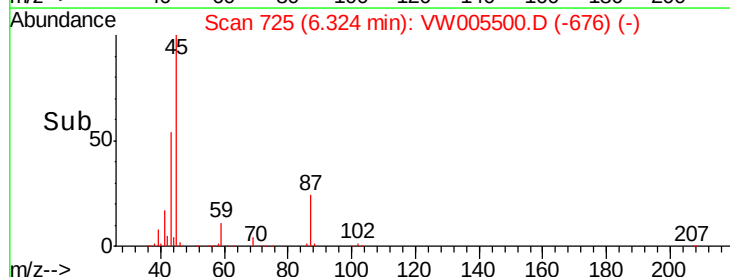
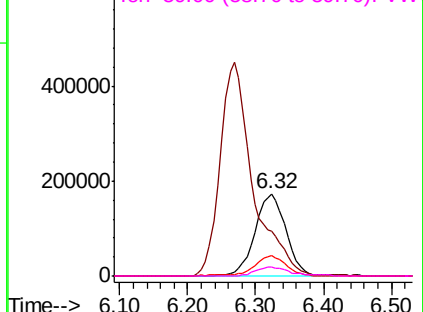
Abundance

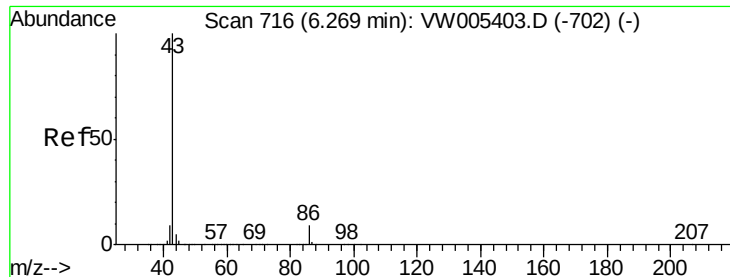
Ion 45.00 (44.70 to 45.70): VW

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: 298.872 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

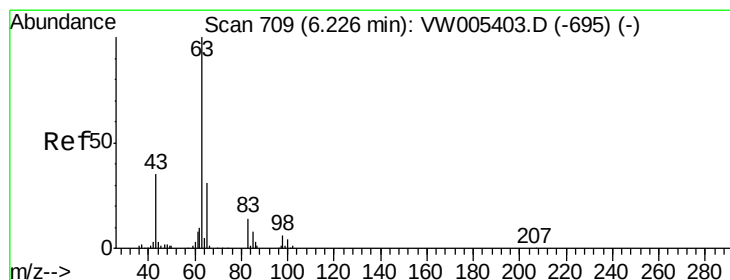
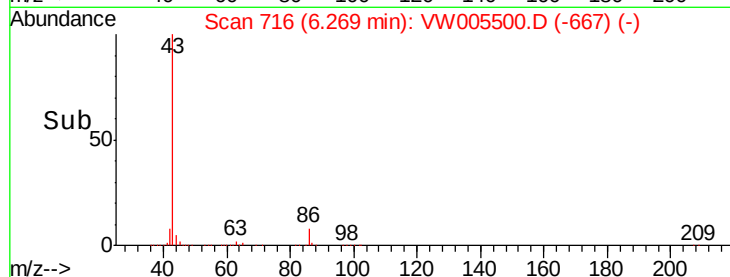
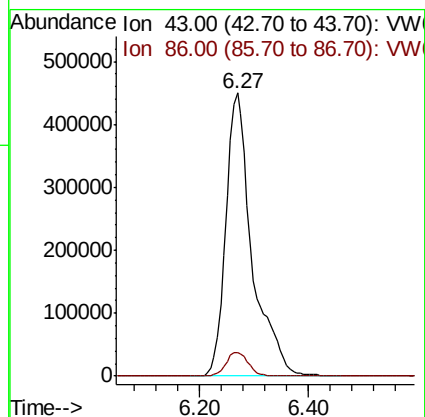
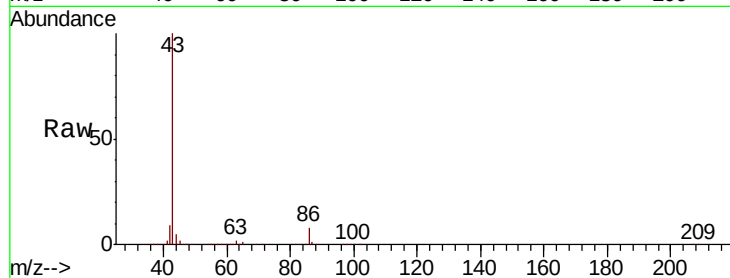
VSTDCCC050

Tgt Ion: 43 Resp: 1511282

Ion Ratio Lower Upper

43 100

86 8.5 7.5 11.3



#24

1,1-Dichloroethane

Concen: 53.946 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

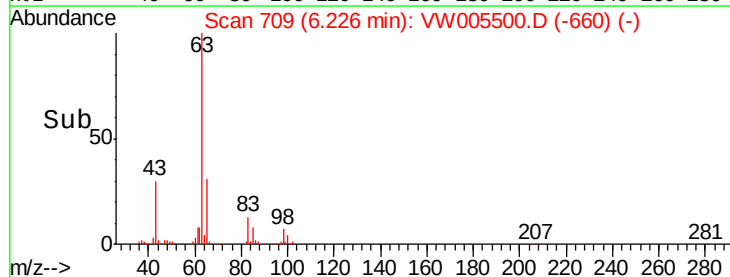
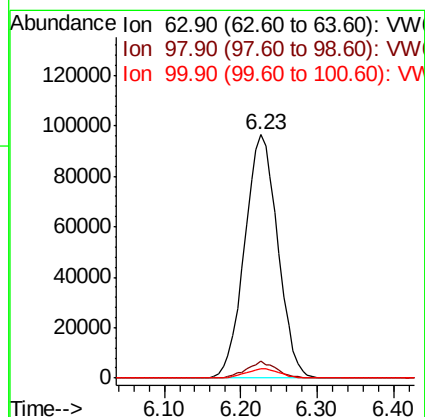
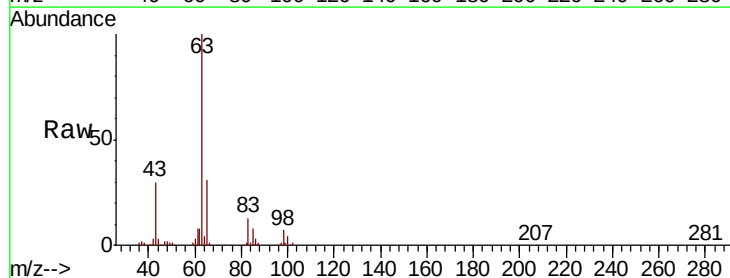
Tgt Ion: 63 Resp: 290505

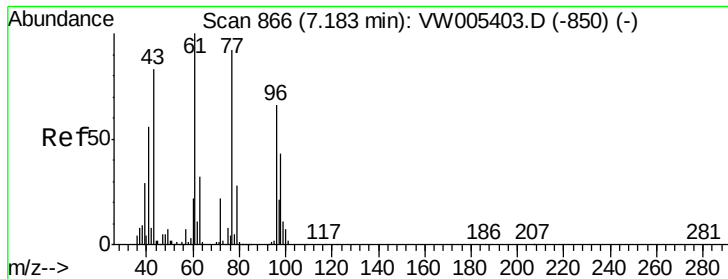
Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 287.085 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

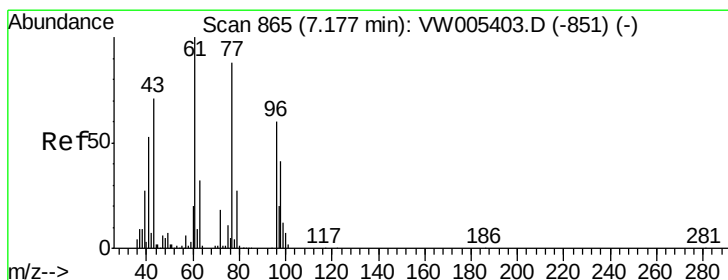
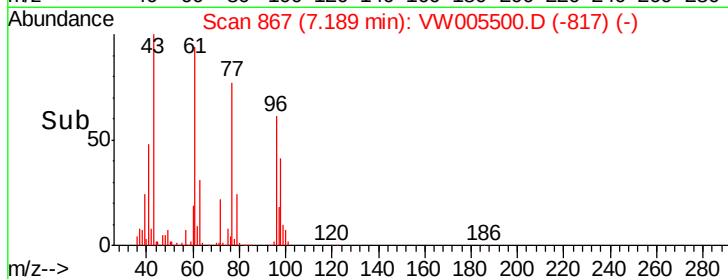
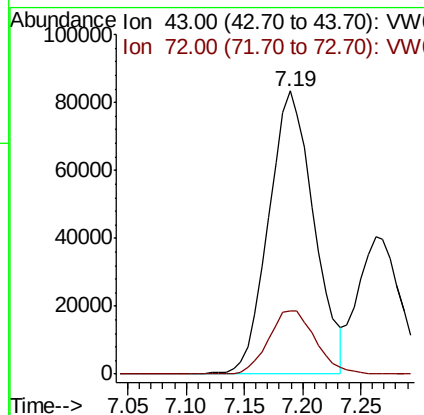
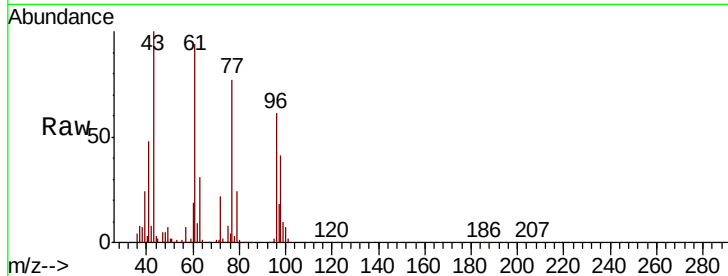
VSTDCCC050

Tgt Ion: 43 Resp: 224776

Ion Ratio Lower Upper

43 100

72 22.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 47.524 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005500.D

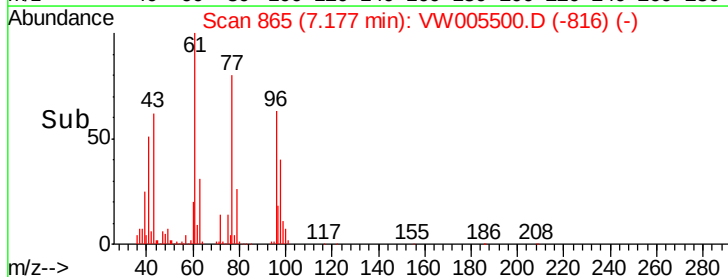
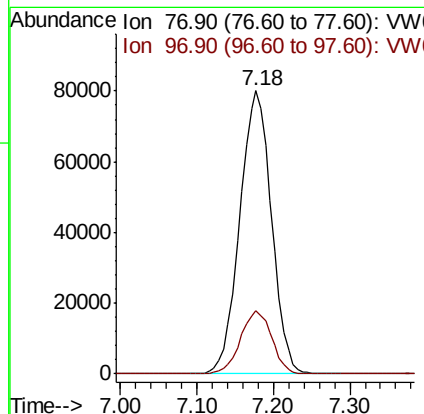
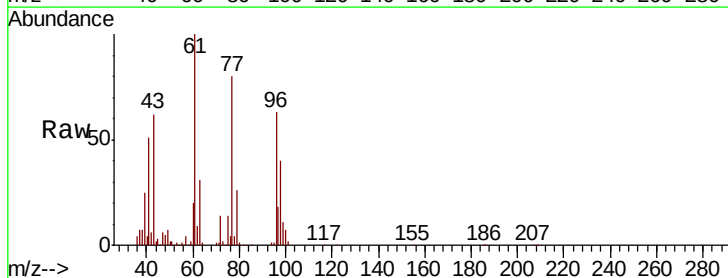
Acq: 19 Sep 2018 01:07

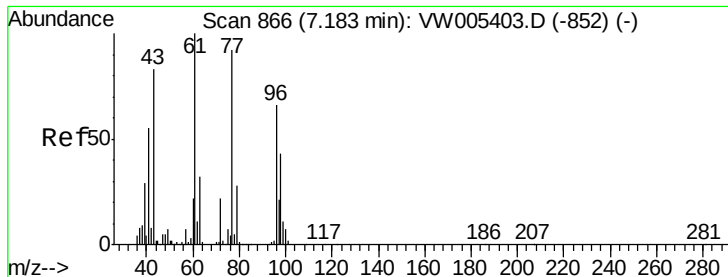
Tgt Ion: 77 Resp: 229566

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



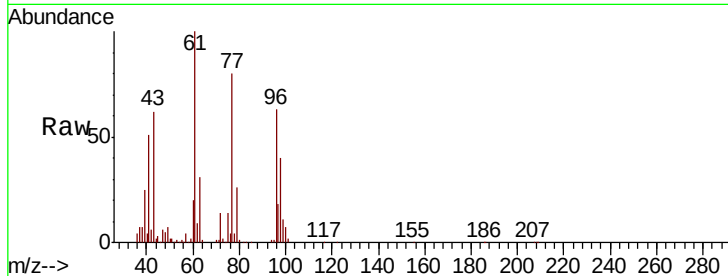


#27

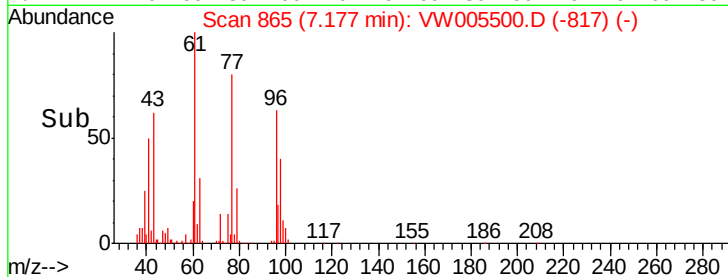
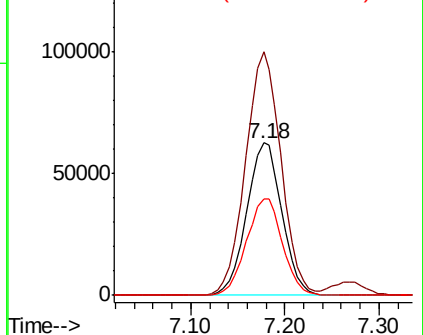
cis-1,2-Dichloroethene
Concen: 51.983 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 163826
Ion Ratio Lower Upper
96 100
61 160.9 0.0 316.0
98 64.7 0.0 130.8



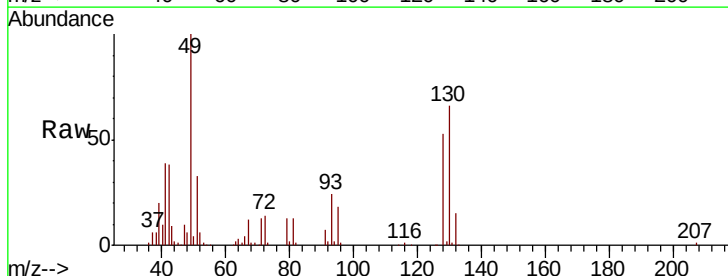
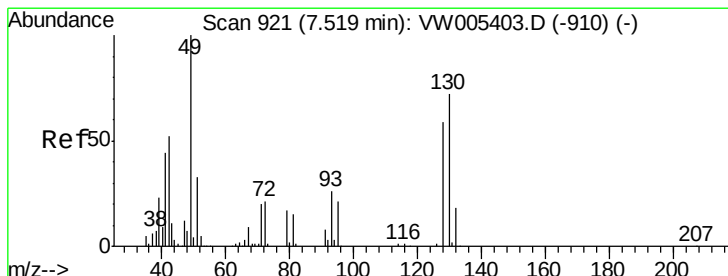
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



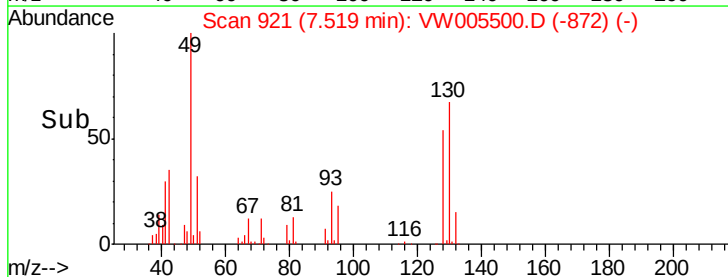
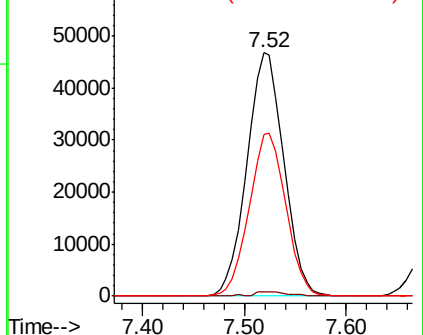
#28

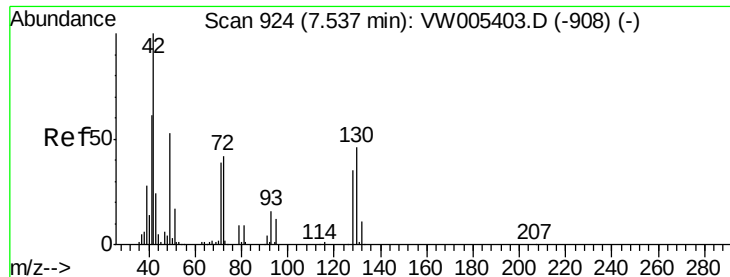
Bromochloromethane
Concen: 56.326 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 49 Resp: 117978
Ion Ratio Lower Upper
49 100
129 1.6 0.0 1.0#
130 66.2 61.4 92.2



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





#29

Tetrahydrofuran

Concen: 299.883 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

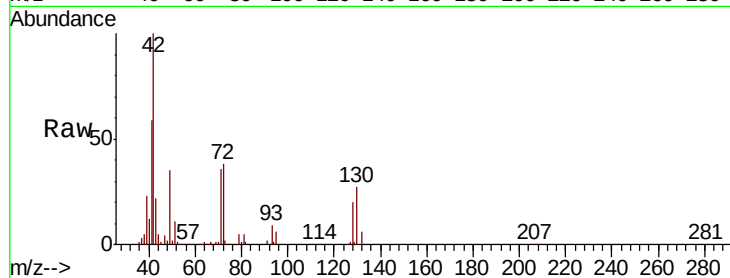
Tgt Ion: 42 Resp: 149579

Ion Ratio Lower Upper

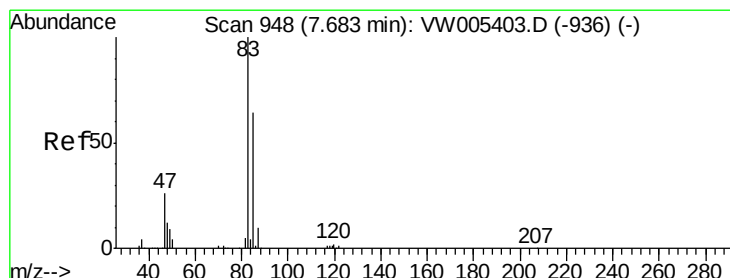
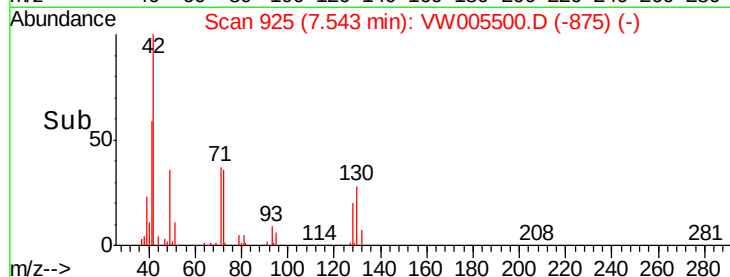
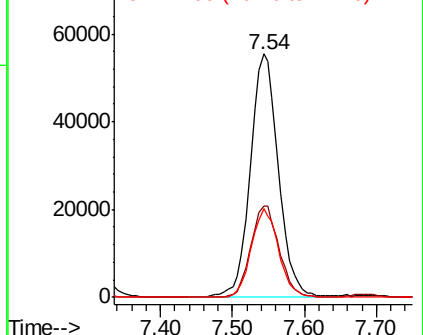
42 100

72 38.1 33.2 49.8

71 35.4 31.0 46.6



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: 50.269 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005500.D

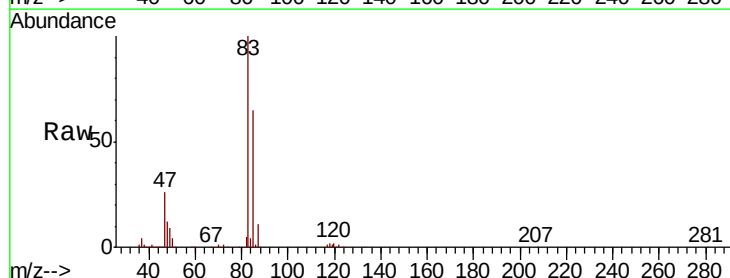
Acq: 19 Sep 2018 01:07

Tgt Ion: 83 Resp: 280327

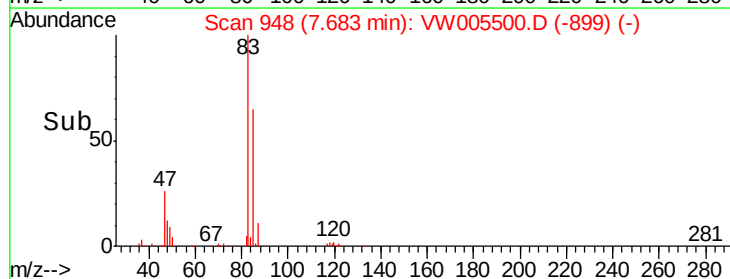
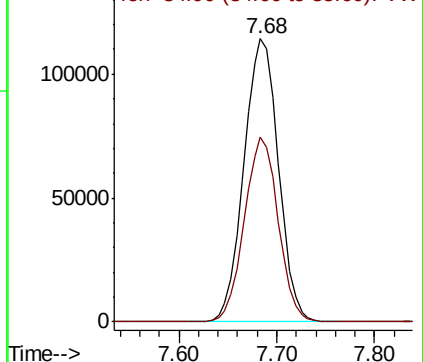
Ion Ratio Lower Upper

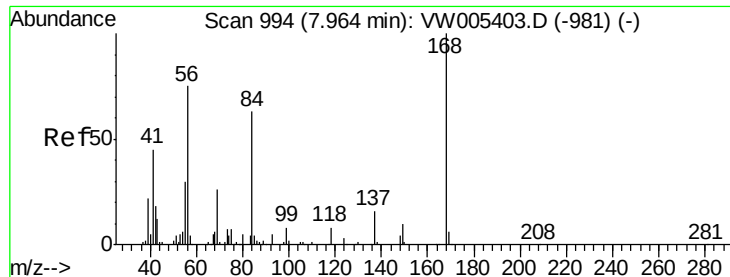
83 100

85 65.3 51.5 77.3



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

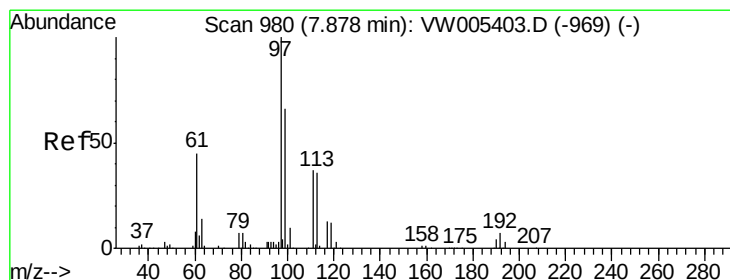
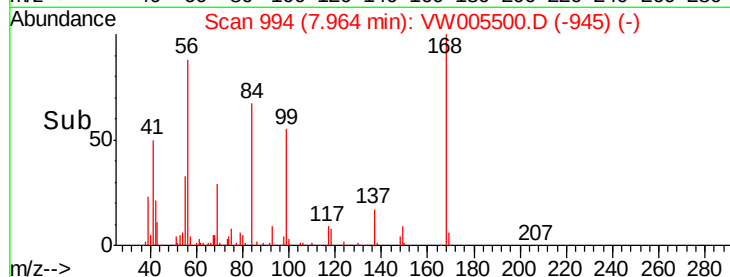
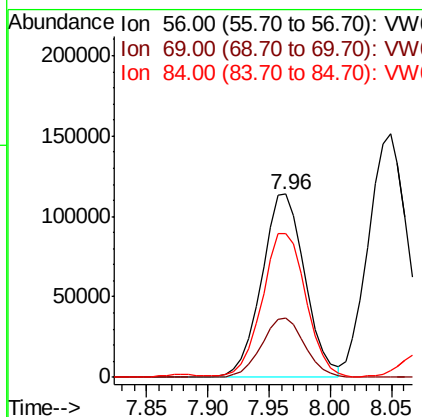
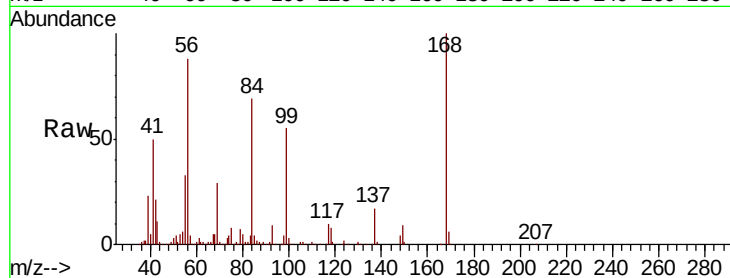




#31
Cyclohexane
Concen: 54.120 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

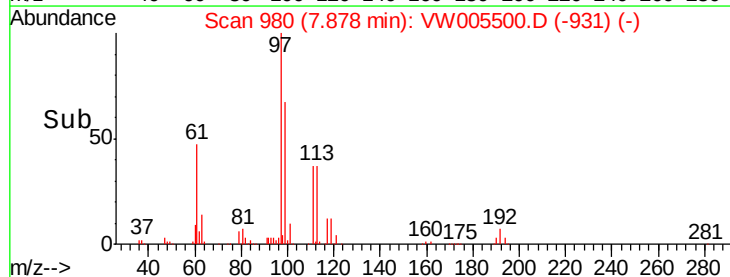
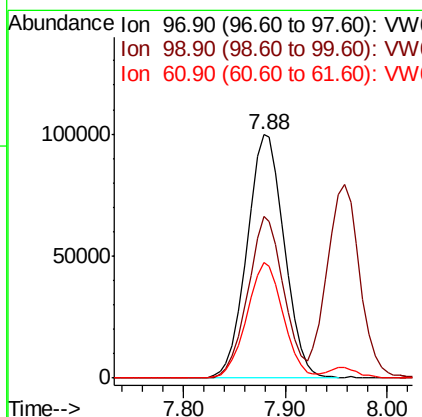
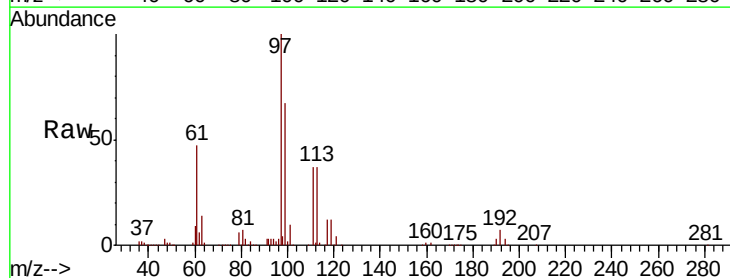
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

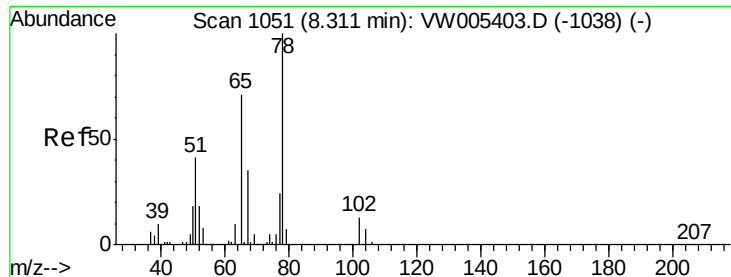
Tgt Ion: 56 Resp: 281150
Ion Ratio Lower Upper
56 100
69 32.6 27.2 40.8
84 77.3 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 48.787 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 97 Resp: 252976
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 46.4 35.8 53.6

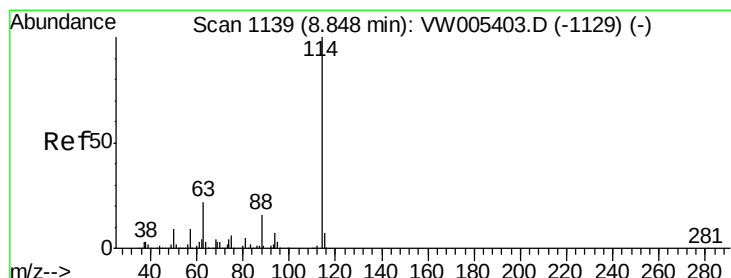
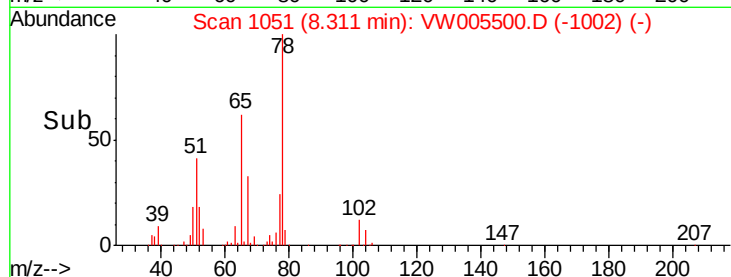
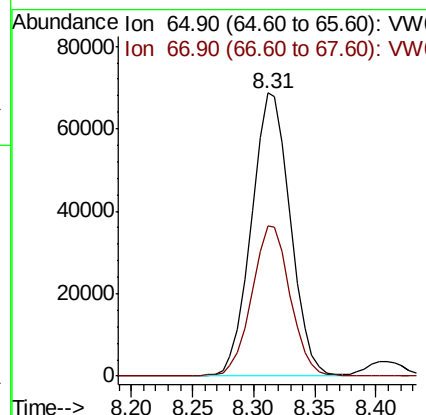
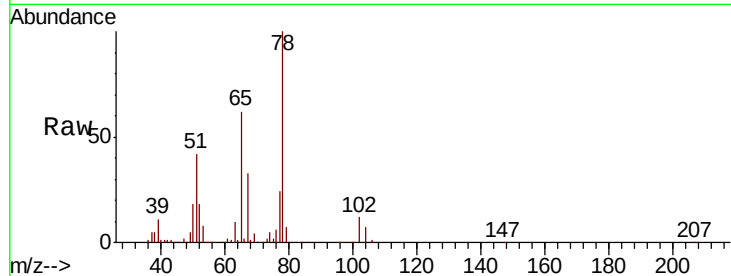




#33
 1,2-Dichloroethane-d4
 Concen: 46.706 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

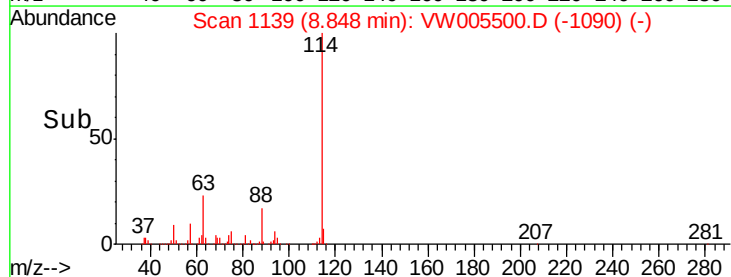
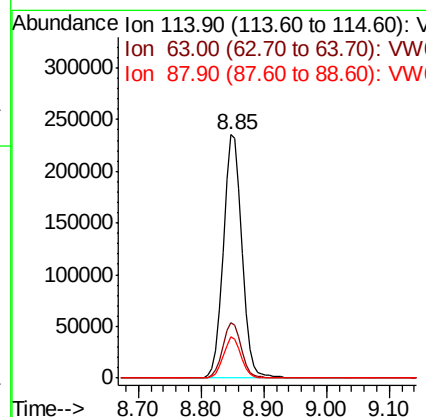
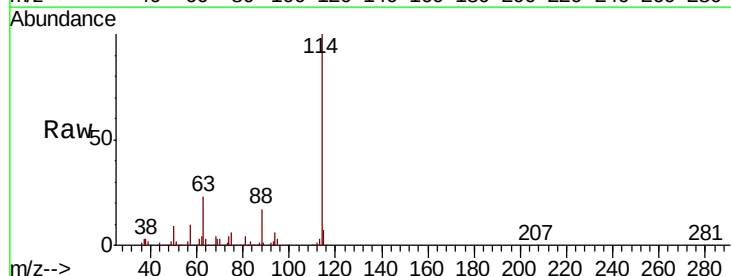
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

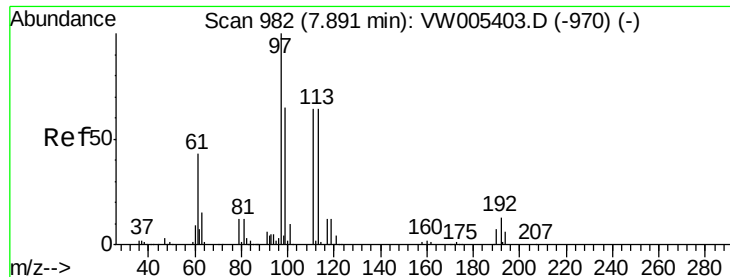
Tgt Ion: 65 Resp: 152020
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 114 Resp: 481697
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.8 0.0 31.8

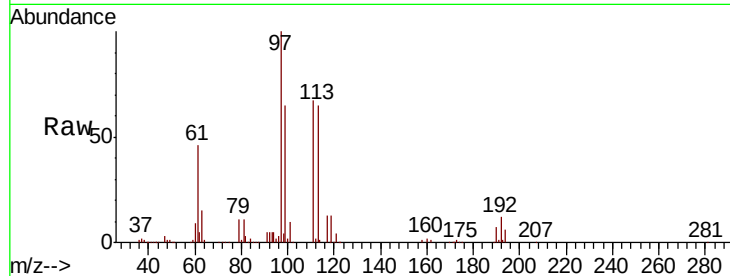




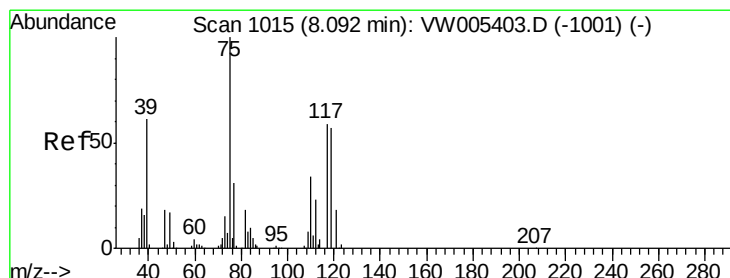
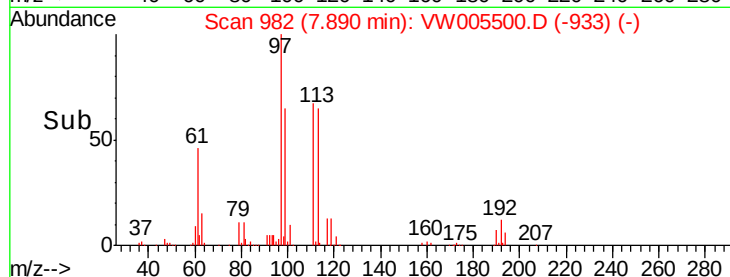
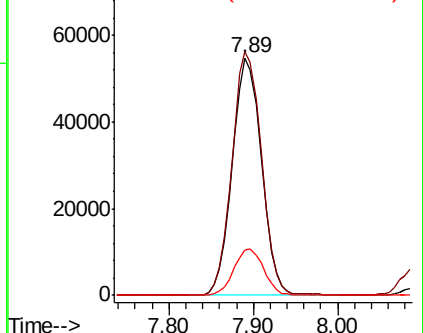
#35
 Dibromofluoromethane
 Concen: 47.519 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 128340
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.3 123.5
 192 19.8 16.5 24.7

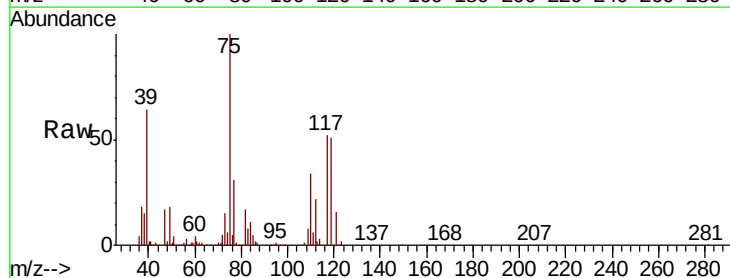


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

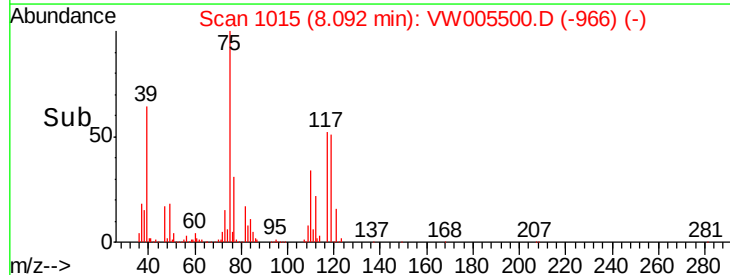
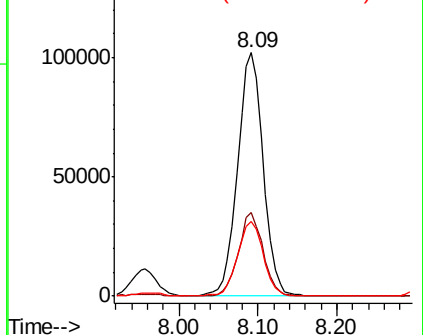


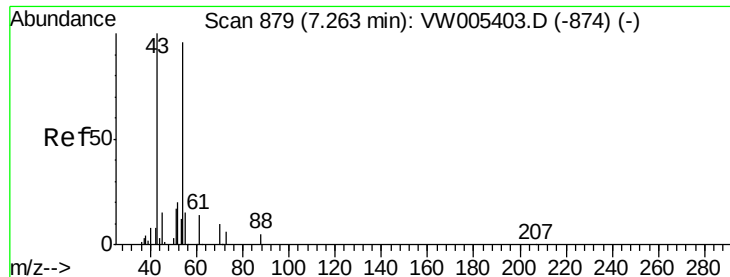
#36
 1,1-Dichloropropene
 Concen: 50.441 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 75 Resp: 229947
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.4
 77 31.2 24.2 36.4



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

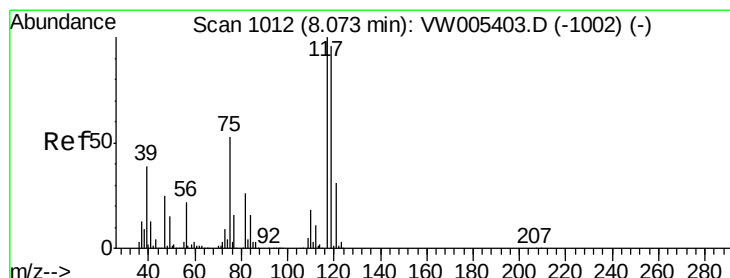
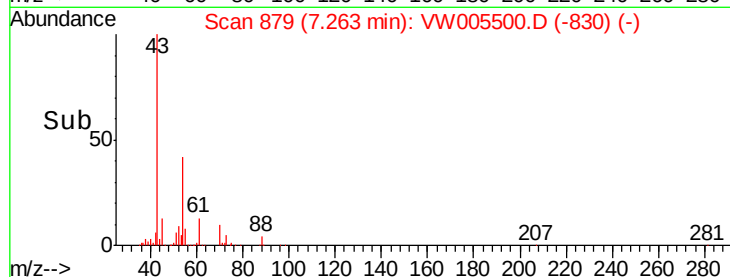
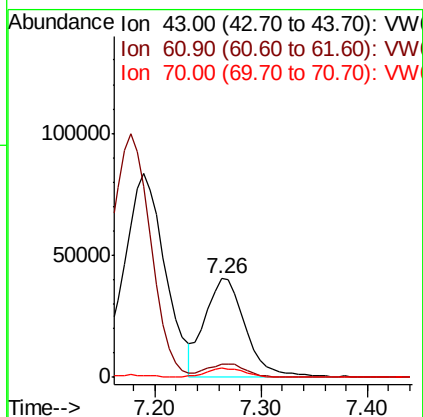
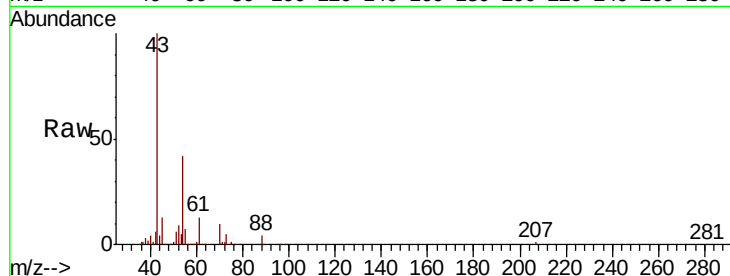




#37
Ethyl Acetate
Concen: 56.691 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

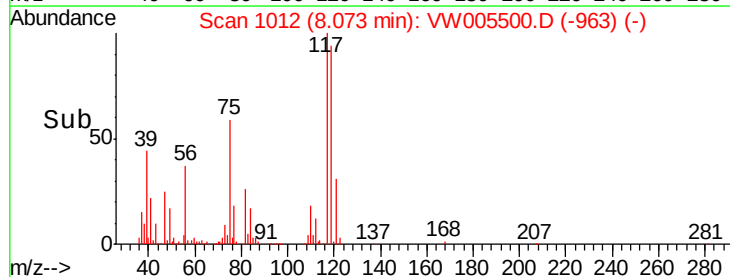
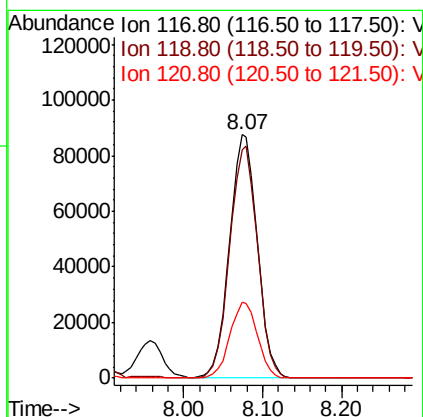
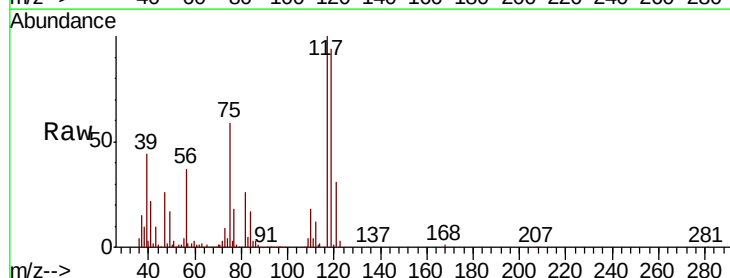
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

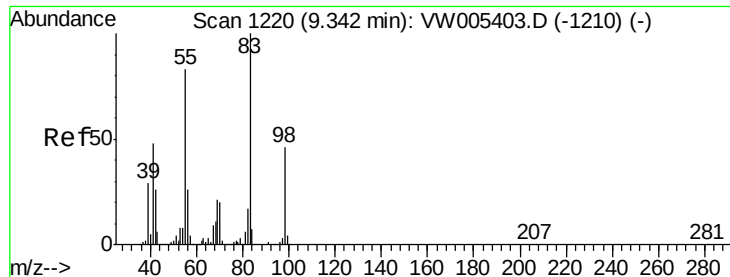
Tgt Ion: 43 Resp: 105098
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 45.244 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 117 Resp: 214923
Ion Ratio Lower Upper
117 100
119 93.6 76.8 115.2
121 31.2 24.7 37.1

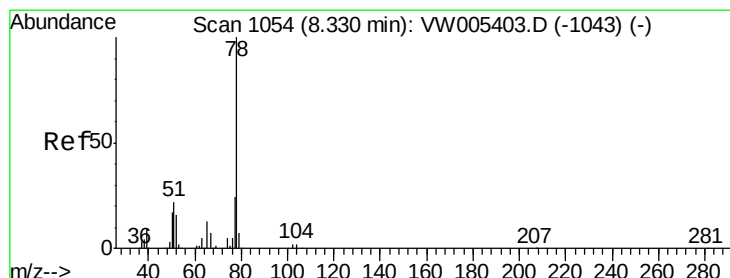
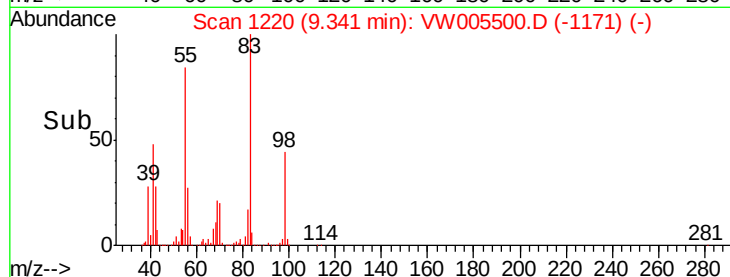
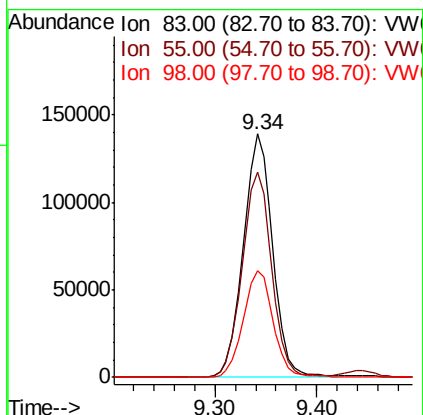
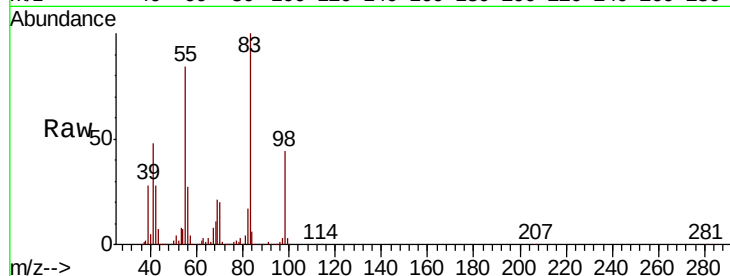




#39
Methylcyclohexane
Concen: 52.512 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

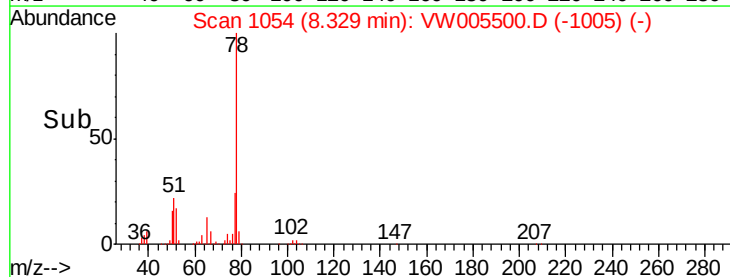
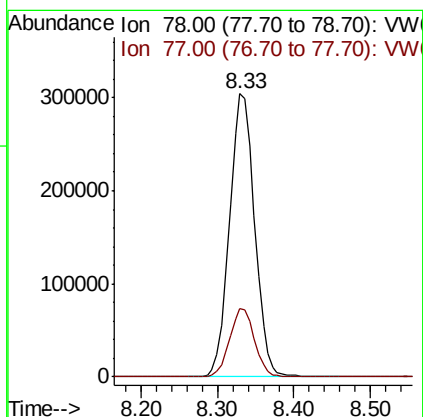
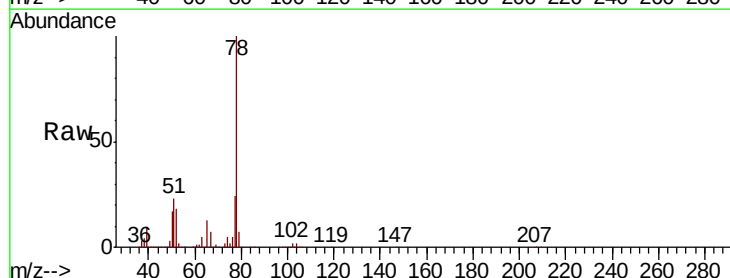
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

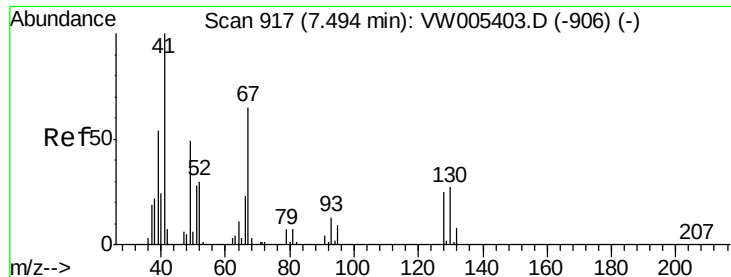
Tgt Ion: 83 Resp: 278159
Ion Ratio Lower Upper
83 100
55 84.1 66.1 99.1
98 44.1 36.7 55.1



#40
Benzene
Concen: 52.275 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 78 Resp: 690316
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

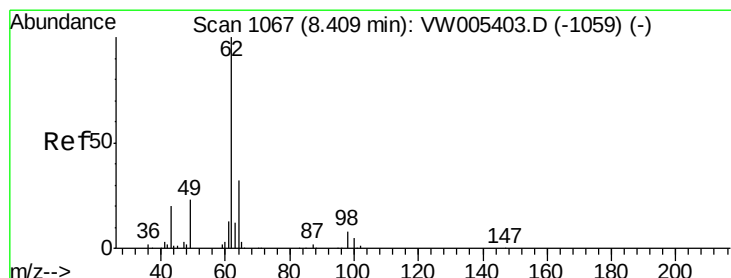
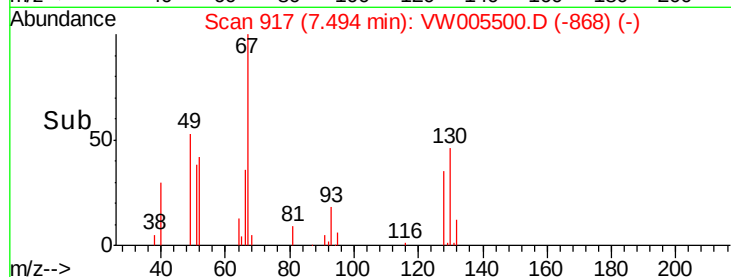
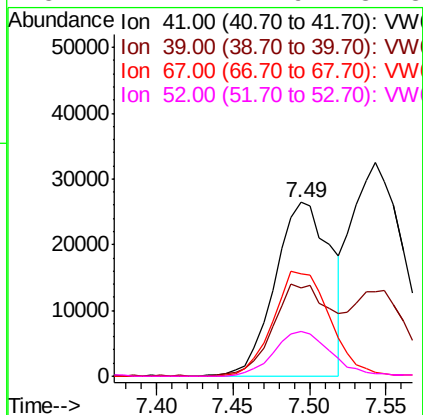
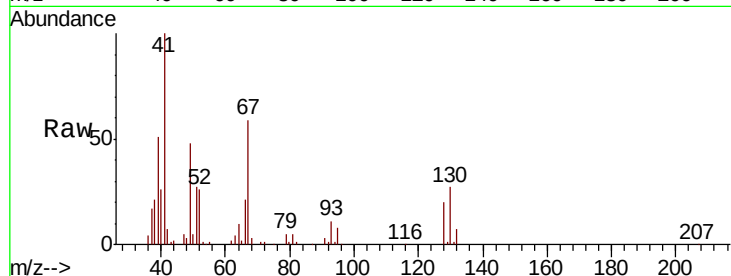




#41
Methacrylonitrile
Concen: 59.840 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

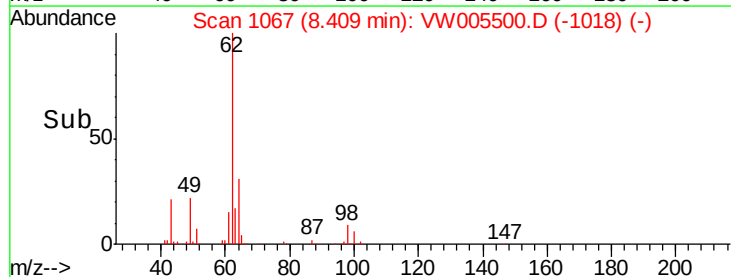
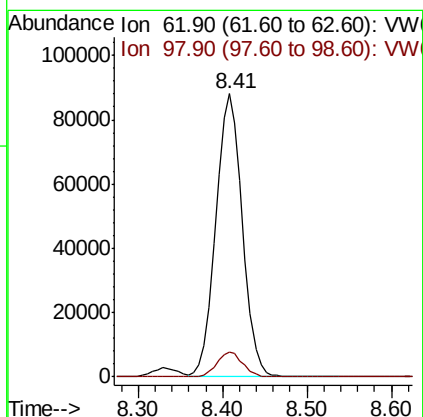
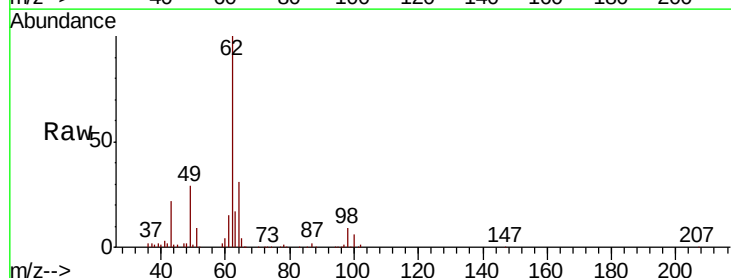
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

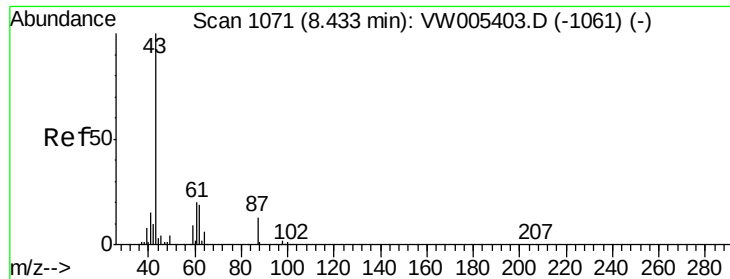
Tgt Ion:	41	Resp:	66930
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.6	67.0
67	62.0	53.6	80.4
52	27.1	24.9	37.3



#42
1,2-Dichloroethane
Concen: 46.201 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion:	62	Resp:	190962
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 56.624 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

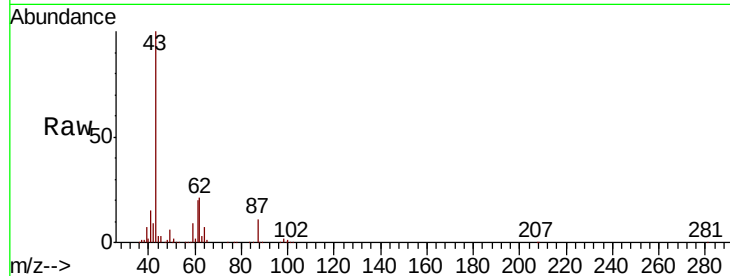
Tgt Ion: 43 Resp: 204865

Ion Ratio Lower Upper

43 100

61 28.4 23.8 35.6

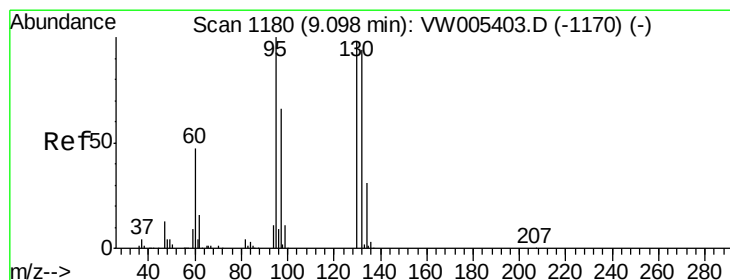
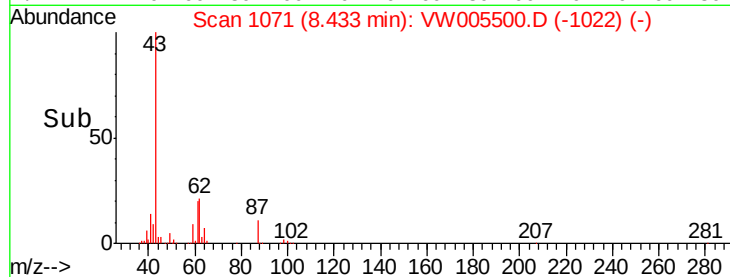
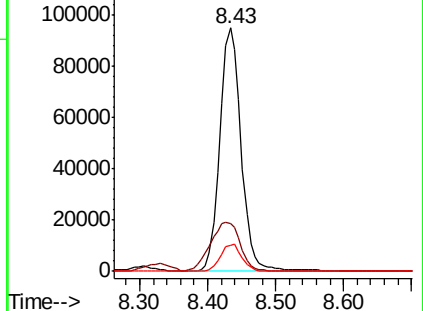
87 11.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.605 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005500.D

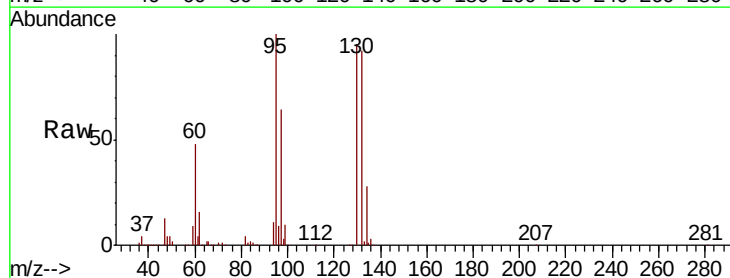
Acq: 19 Sep 2018 01:07

Tgt Ion: 130 Resp: 165206

Ion Ratio Lower Upper

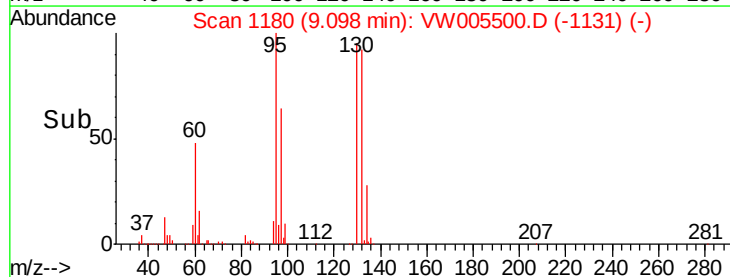
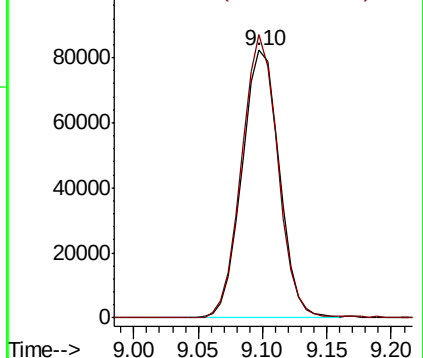
130 100

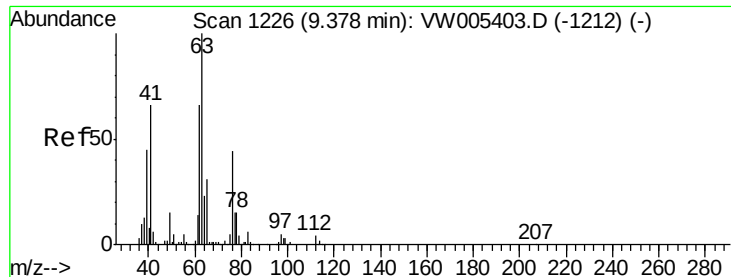
95 105.7 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

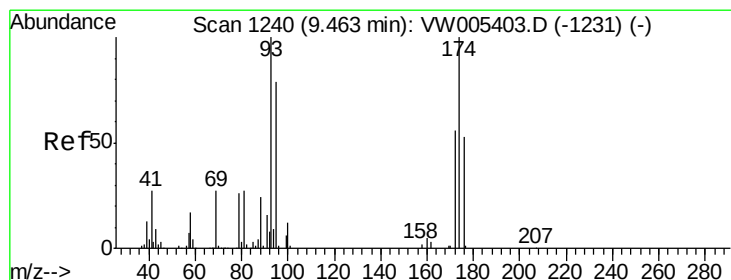
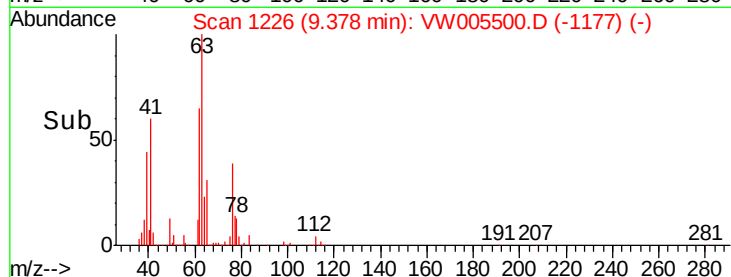
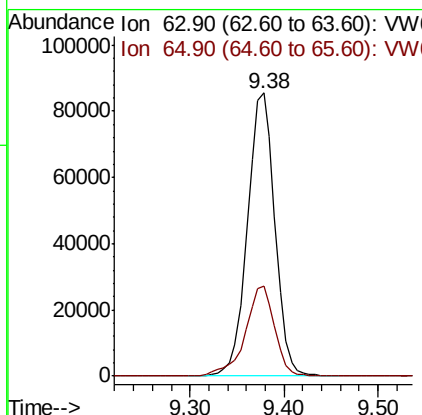
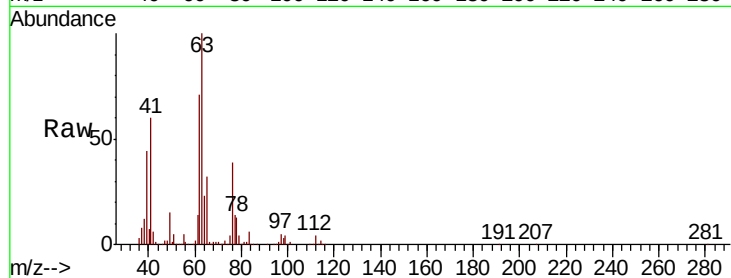




#45
 1,2-Dichloropropane
 Concen: 55.556 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

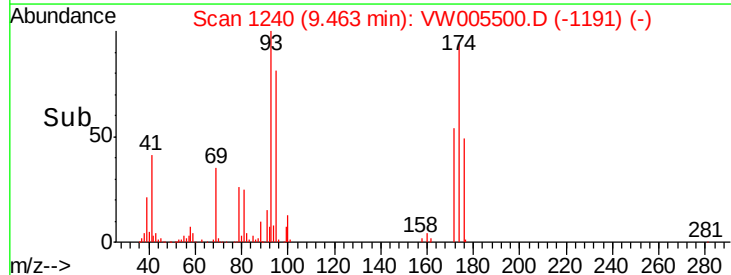
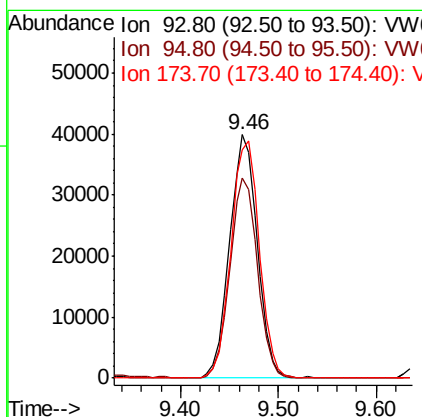
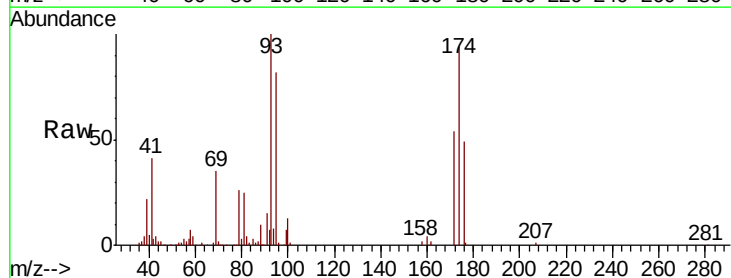
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

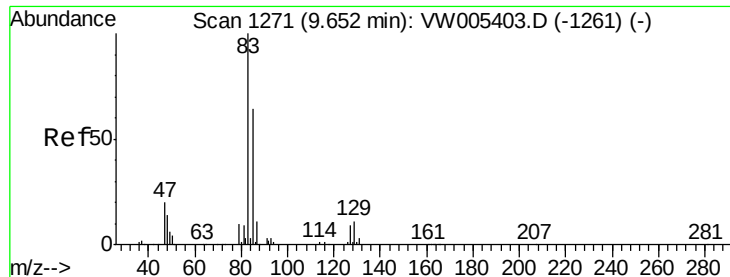
Tgt Ion: 63 Resp: 175285
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 50.260 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 93 Resp: 78007
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.4 98.0
 174 100.1 83.4 125.2





#47

Bromodichloromethane

Concen: 49.660 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

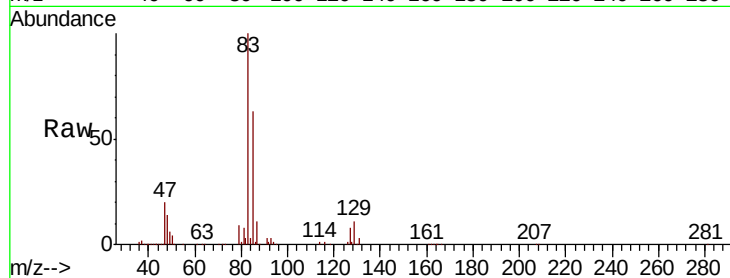
Tgt Ion: 83 Resp: 208826

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

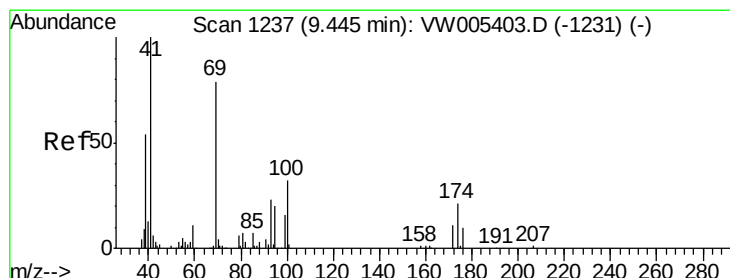
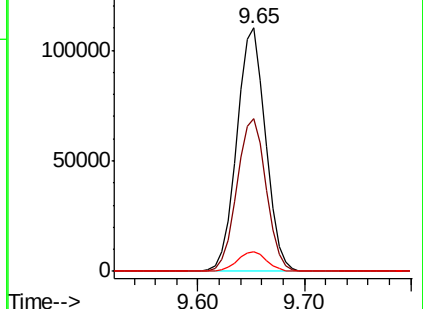
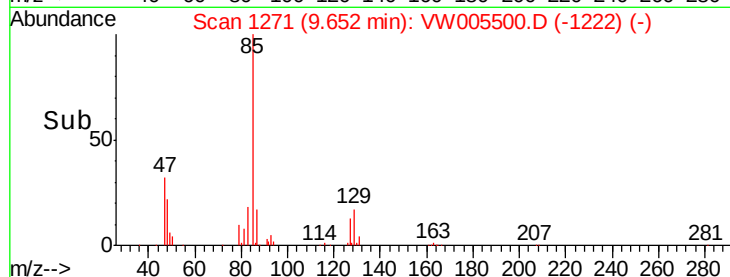
127 8.3 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 57.176 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

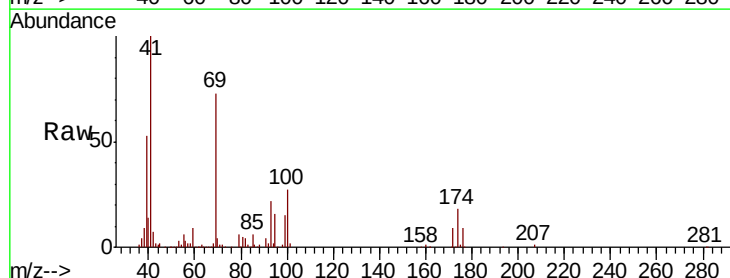
Tgt Ion: 41 Resp: 103237

Ion Ratio Lower Upper

41 100

69 81.4 67.5 101.3

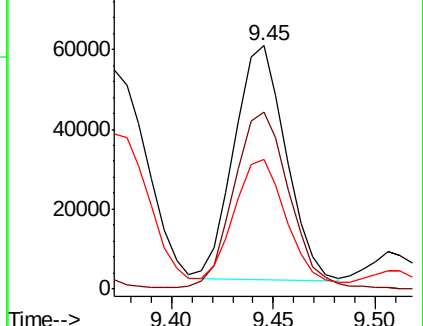
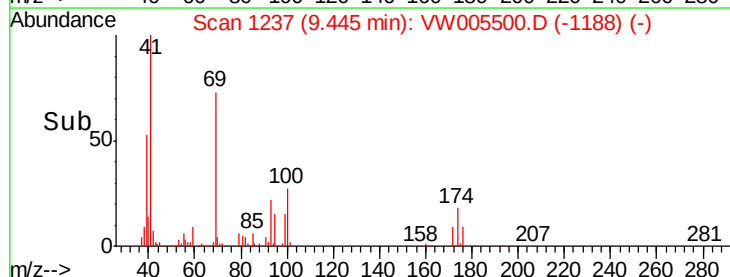
39 52.3 45.5 68.3

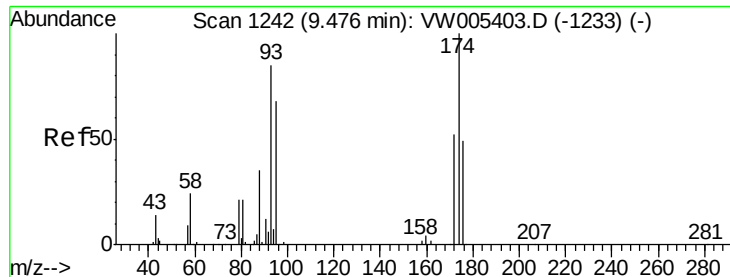


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

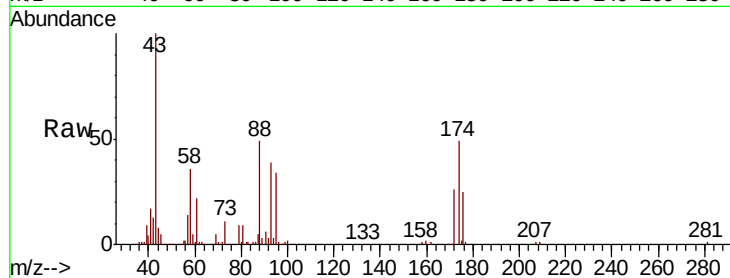




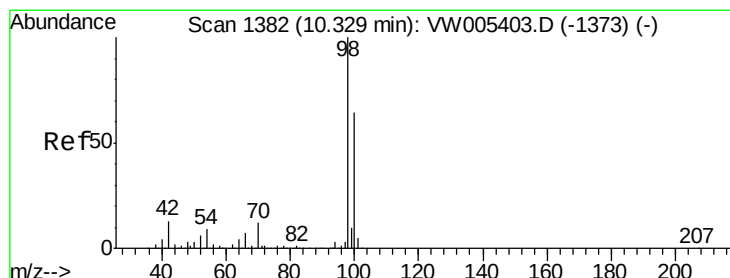
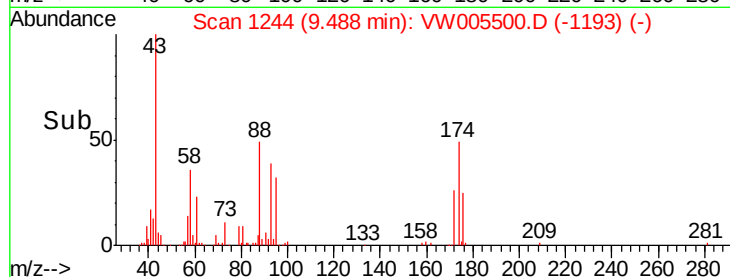
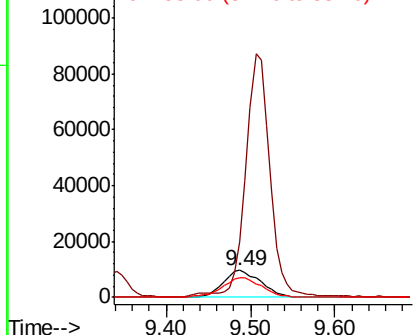
#49
1,4-Dioxane
Concen: 1135.397 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 29371
Ion Ratio Lower Upper
88 100
43 576.1 0.0 0.0#
58 77.5 62.4 93.6

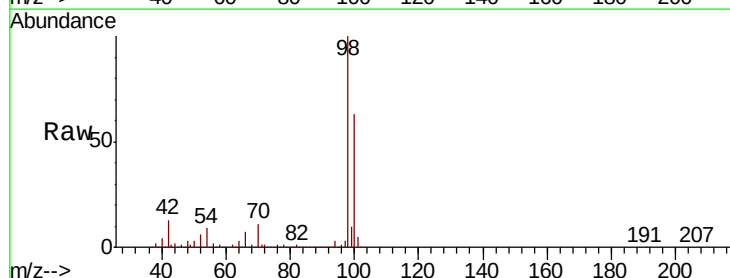


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

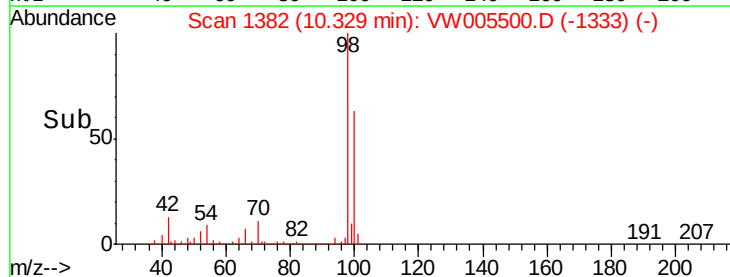
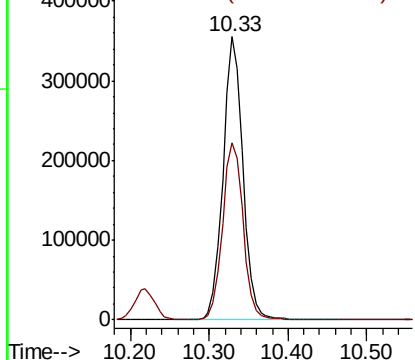


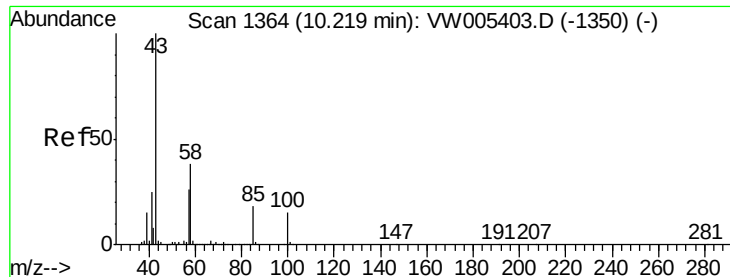
#50
Toluene-d8
Concen: 50.269 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 98 Resp: 621756
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



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: 295.888 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

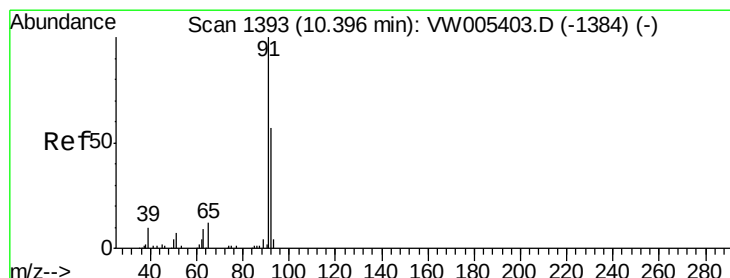
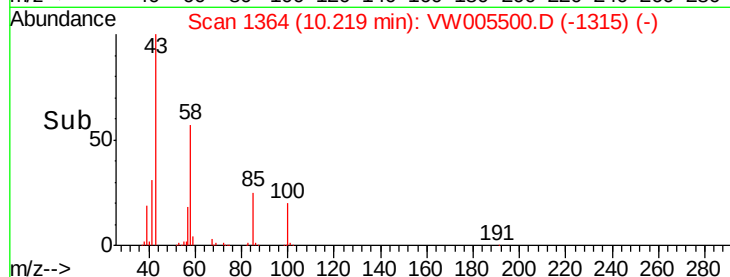
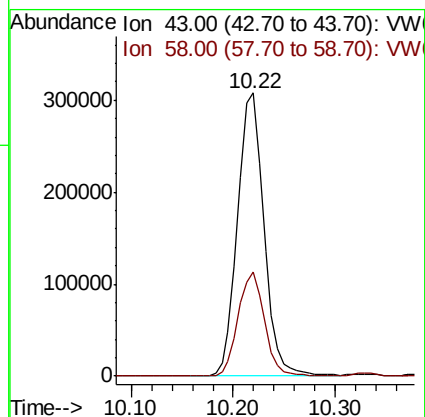
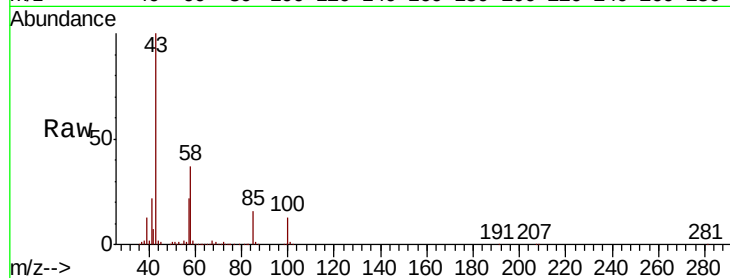
VSTDCCC050

Tgt Ion: 43 Resp: 551091

Ion Ratio Lower Upper

43 100

58 36.6 29.9 44.9



#52

Toluene

Concen: 52.131 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005500.D

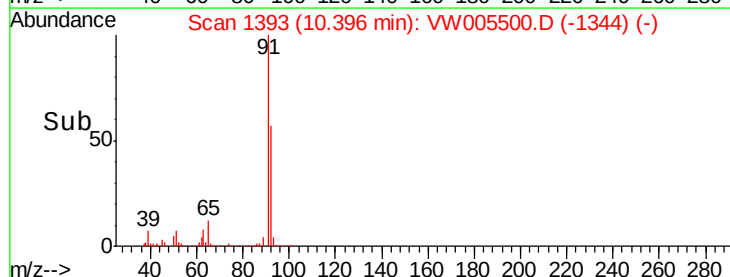
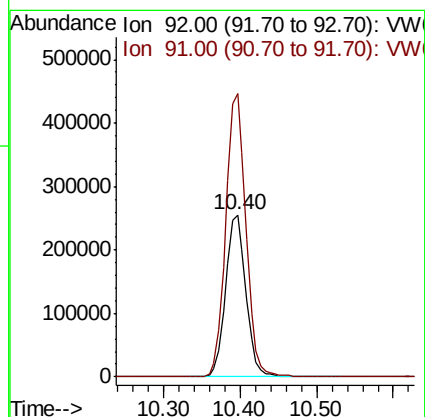
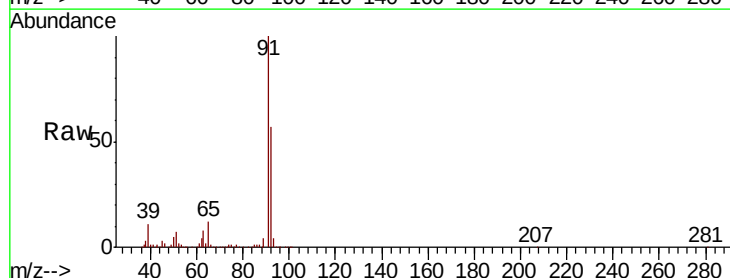
Acq: 19 Sep 2018 01:07

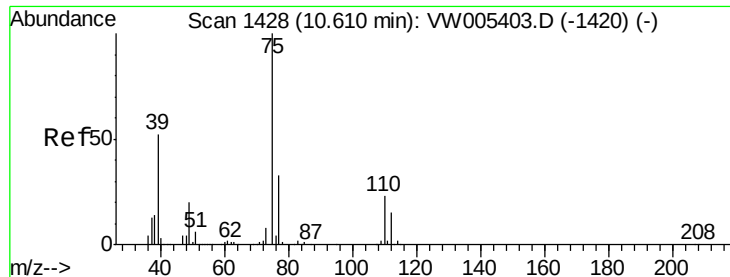
Tgt Ion: 92 Resp: 466211

Ion Ratio Lower Upper

92 100

91 174.0 139.1 208.7

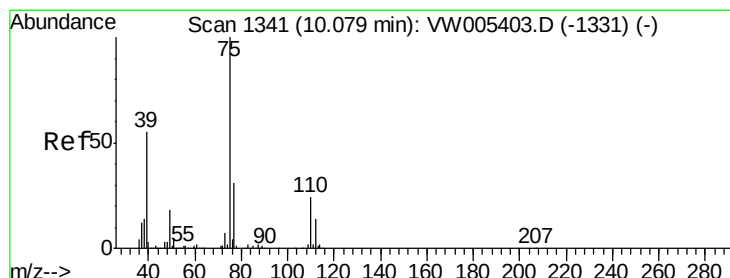
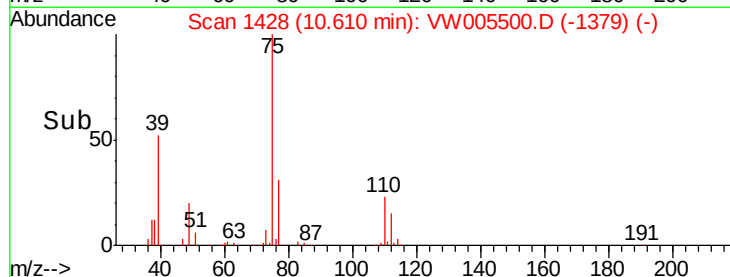
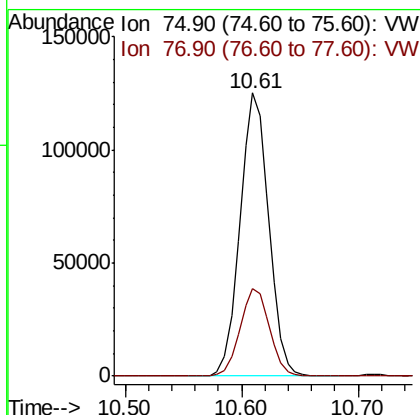
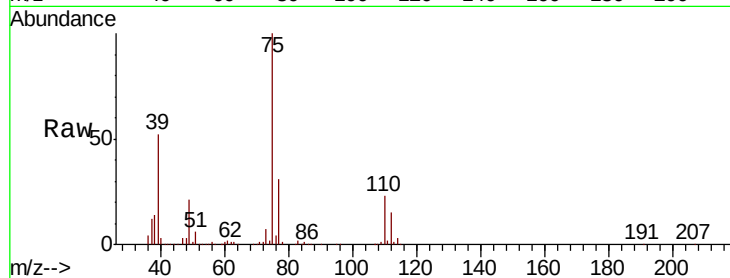




#53
t-1,3-Dichloropropene
Concen: 50.938 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

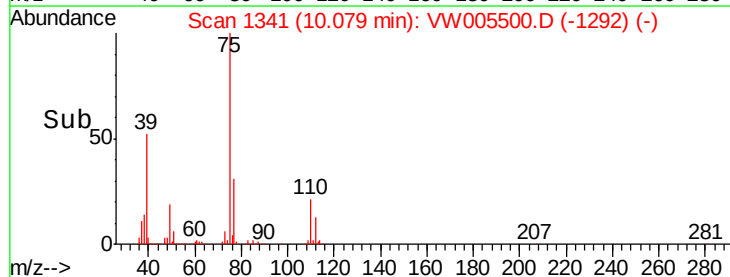
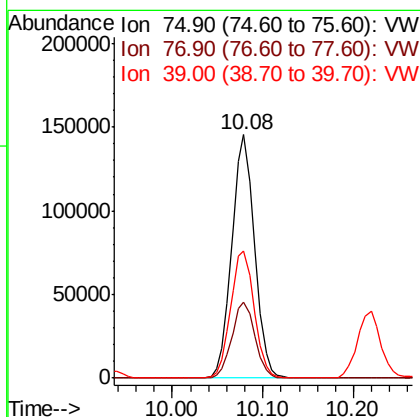
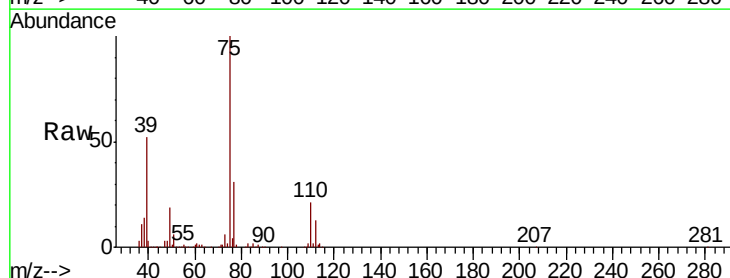
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

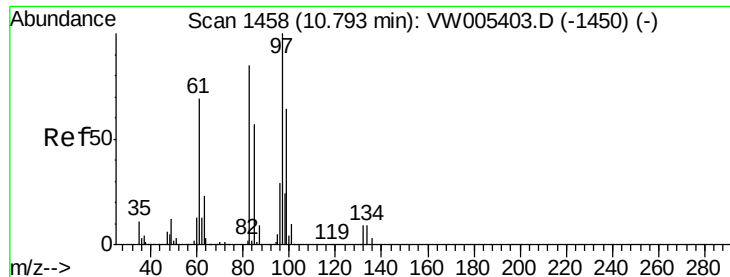
Tgt Ion: 75 Resp: 214369
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 52.983 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 75 Resp: 252467
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 51.9 44.2 66.2

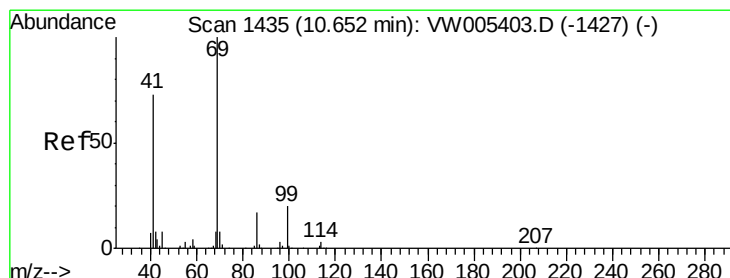
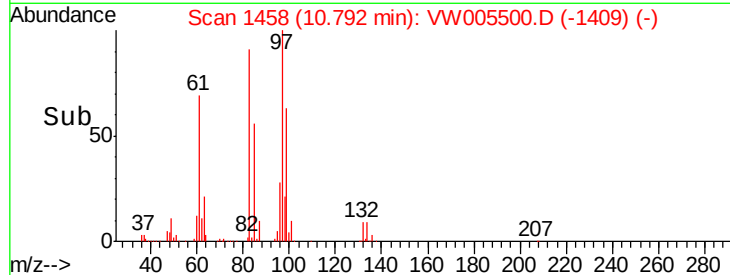
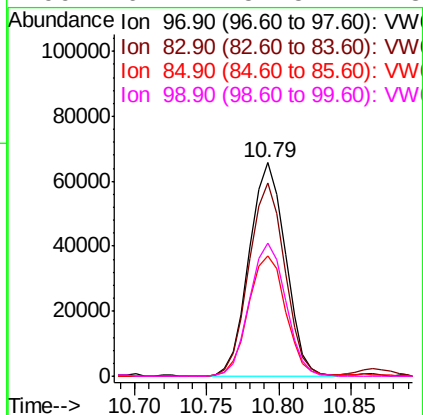
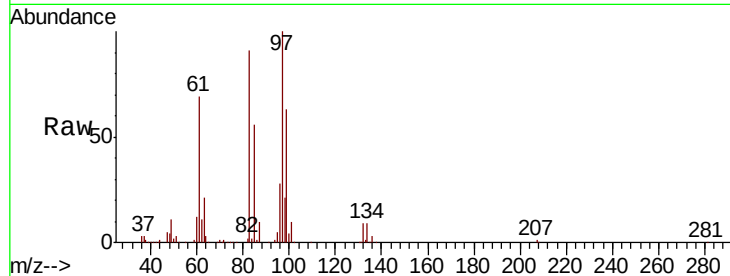




#55
 1,1,2-Trichloroethane
 Concen: 49.980 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

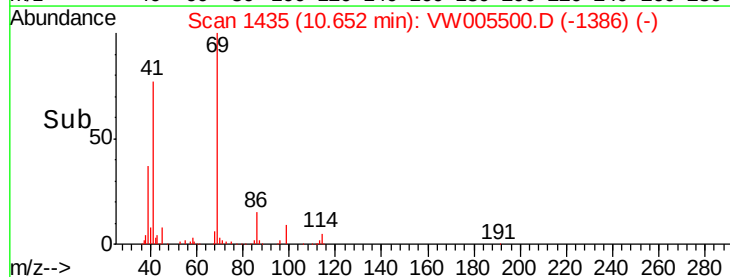
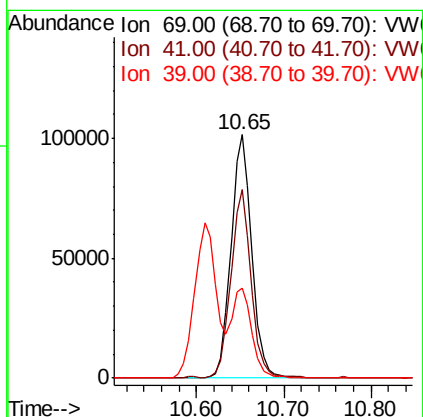
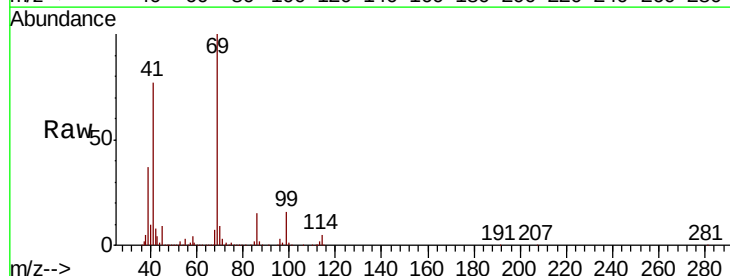
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

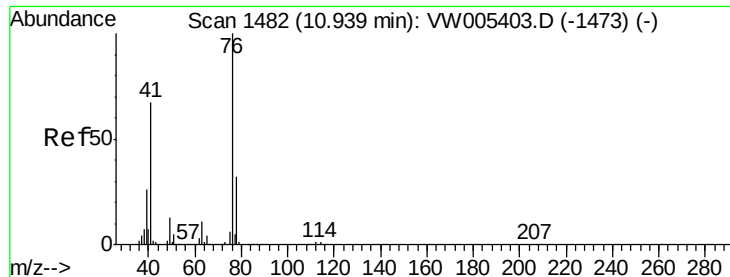
Tgt Ion:	97	Resp:	115293
Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.8	101.8
85	56.4	45.4	68.0
99	62.4	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 57.581 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion:	69	Resp:	168123
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.3	88.9
39	34.9	30.2	45.4

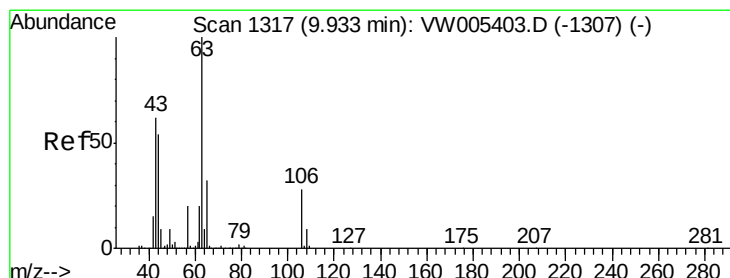
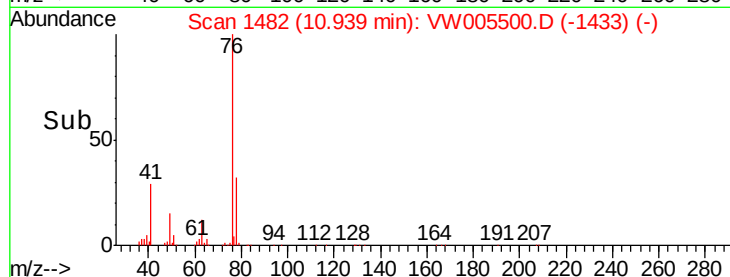
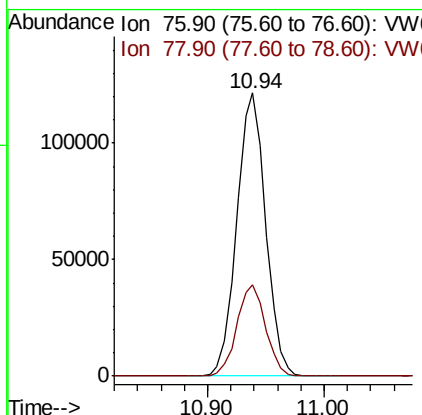
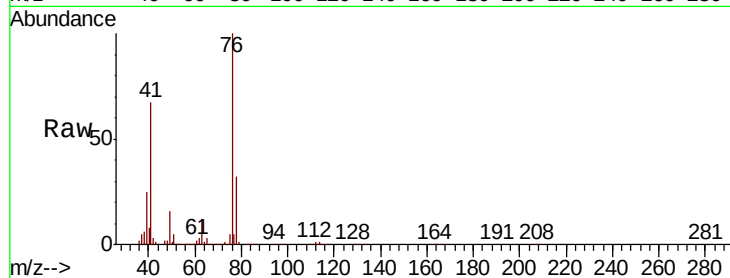




#57
 1,3-Dichloropropane
 Concen: 52.709 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

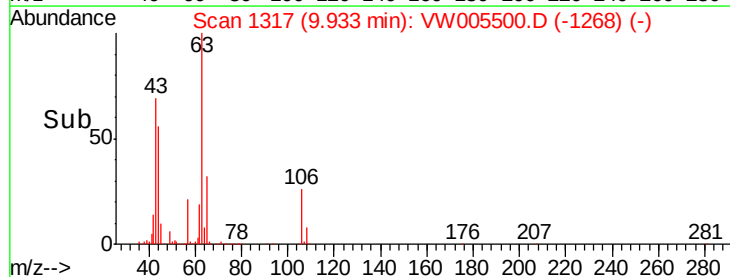
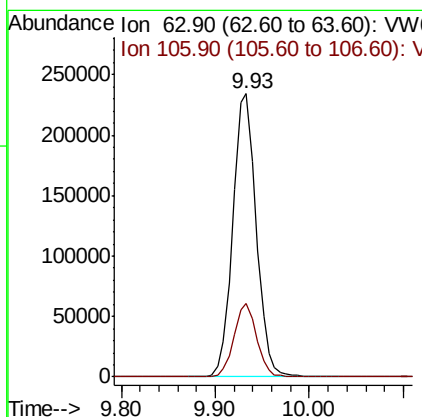
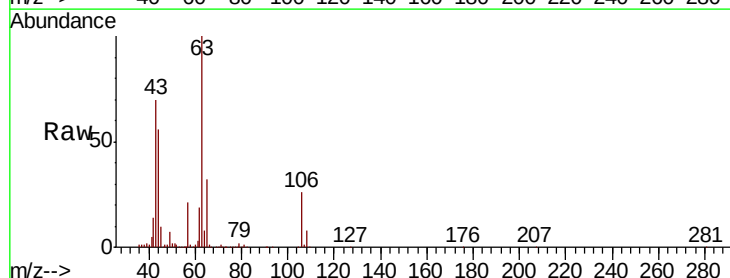
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

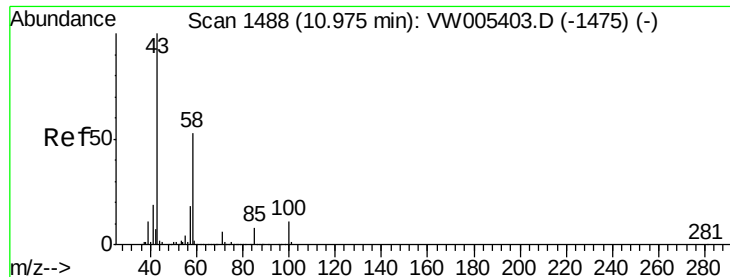
Tgt Ion: 76 Resp: 209873
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 306.067 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 63 Resp: 404188
 Ion Ratio Lower Upper
 63 100
 106 25.1 22.0 33.0

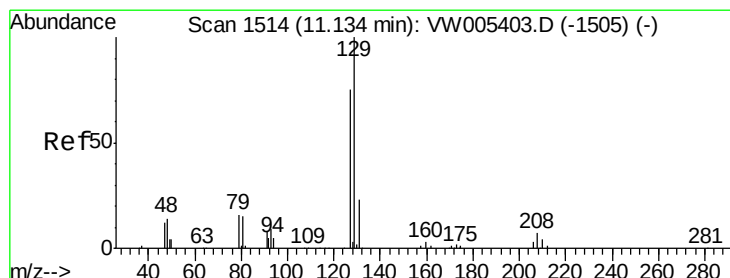
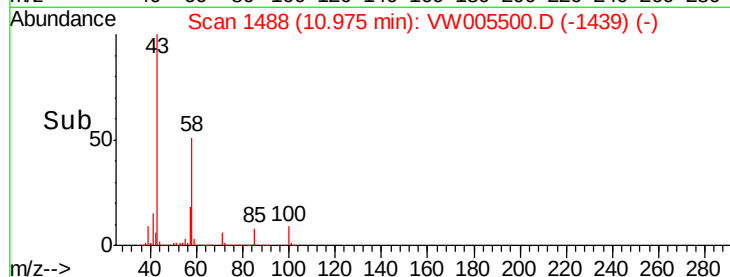
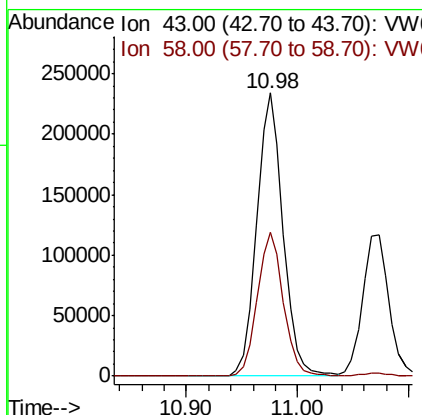
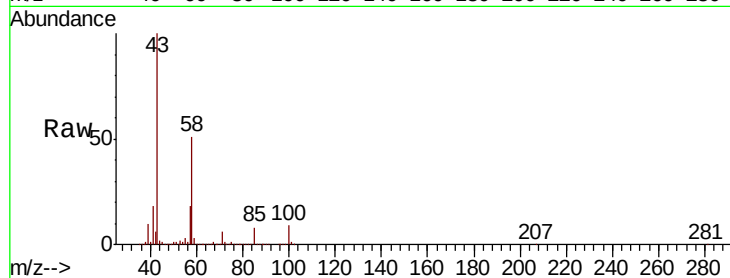




#59
2-Hexanone
Concen: 303.034 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

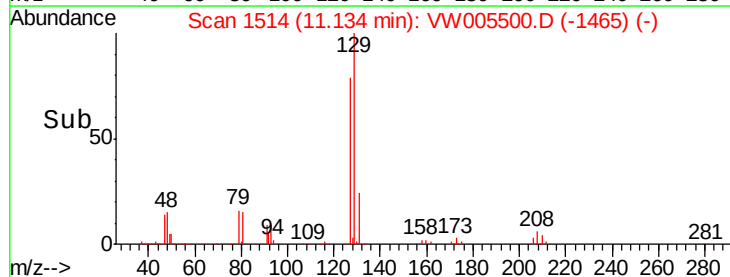
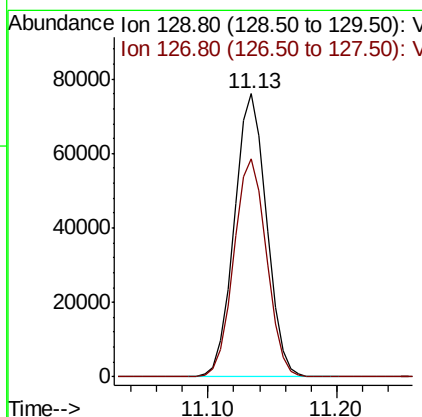
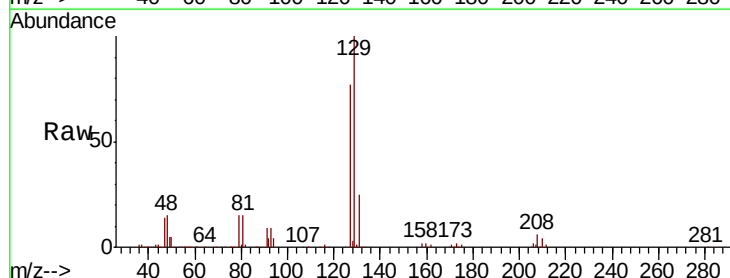
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

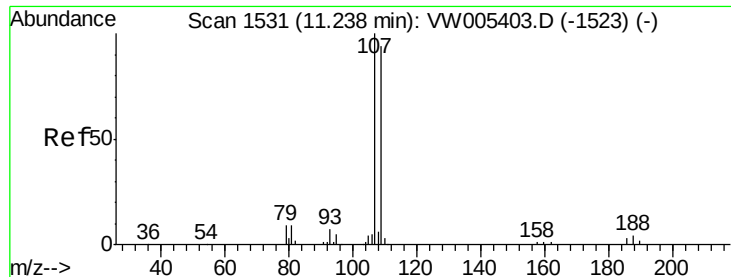
Tgt Ion: 43 Resp: 384450
Ion Ratio Lower Upper
43 100
58 50.5 25.5 76.5



#60
Dibromochloromethane
Concen: 47.546 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 129 Resp: 131962
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

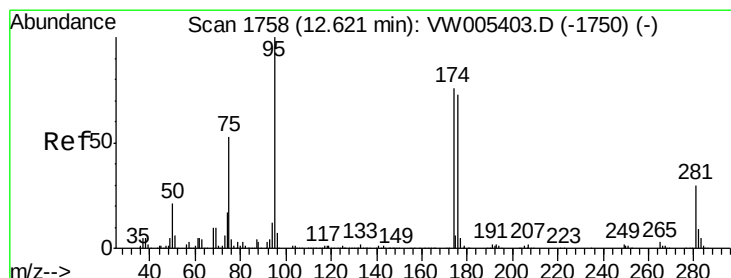
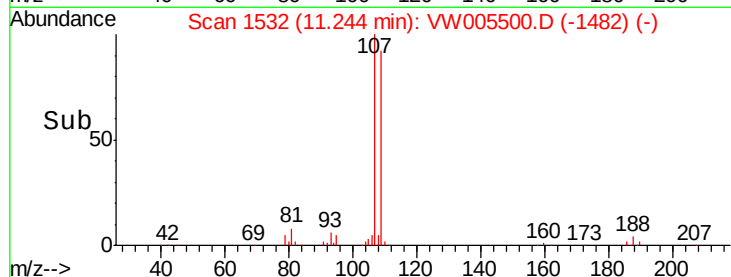
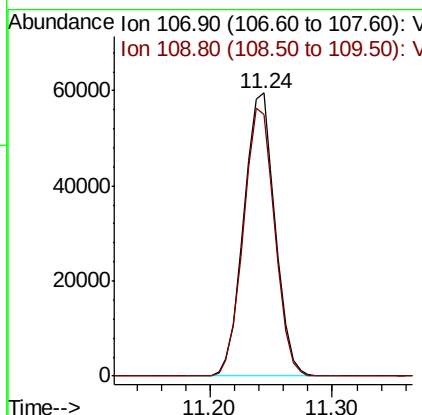
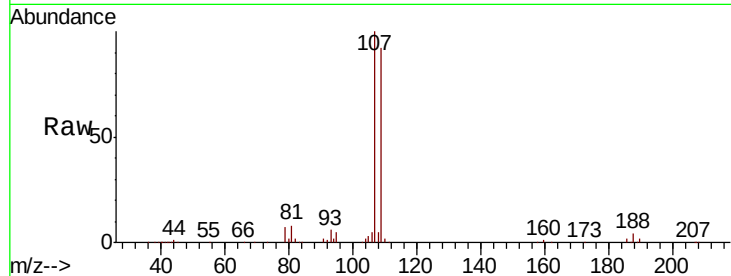




#61
 1,2-Dibromoethane
 Concen: 51.220 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

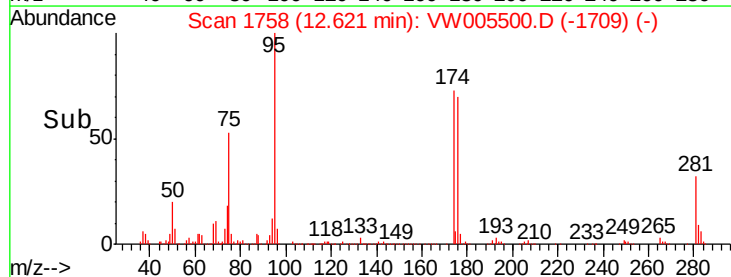
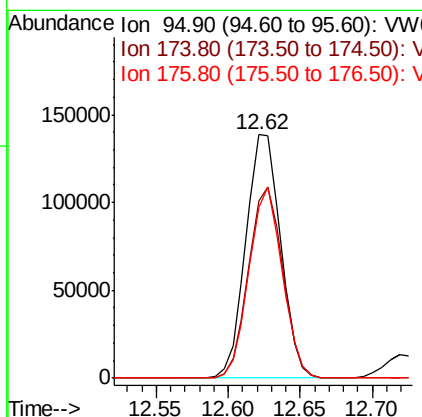
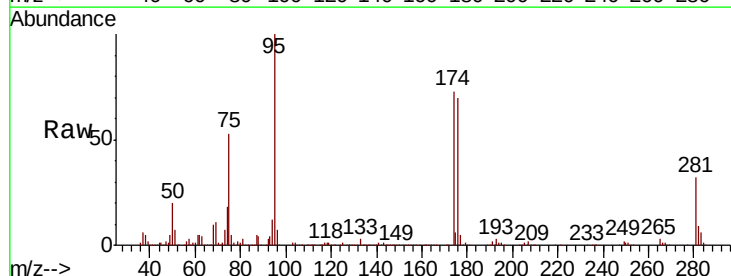
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

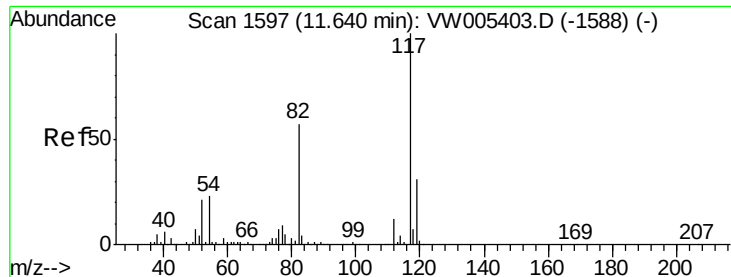
Tgt Ion: 107 Resp: 105964
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.138 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion: 95 Resp: 231917
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 161.2
 176 74.7 0.0 156.6

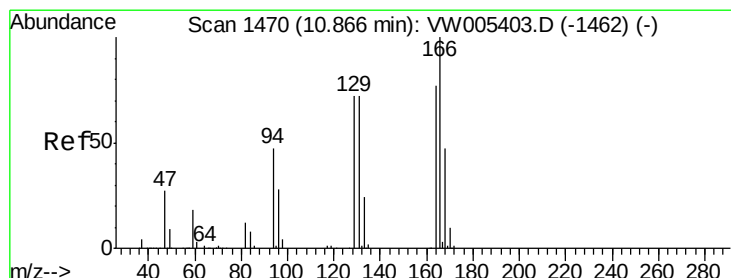
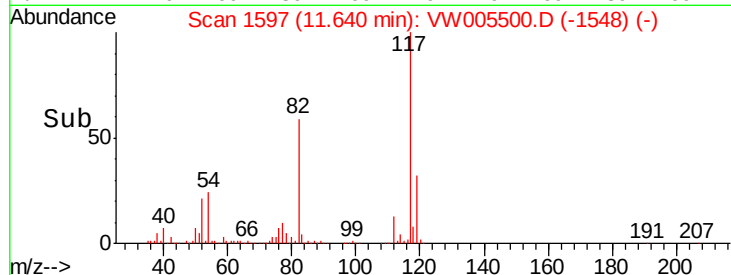
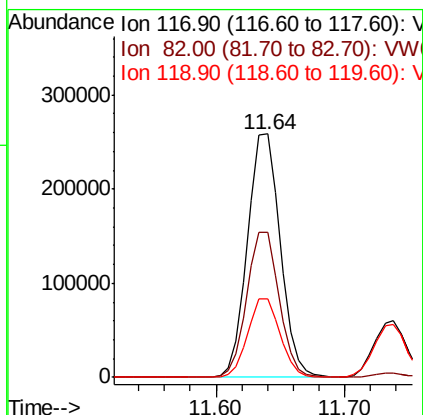
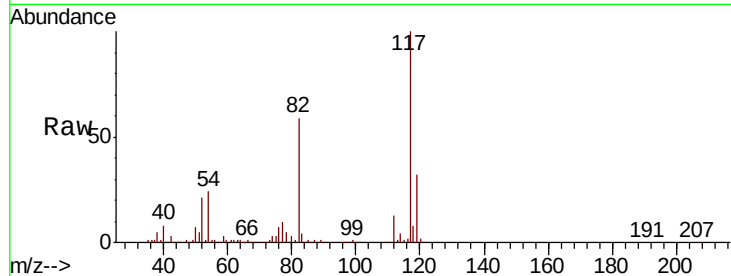




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

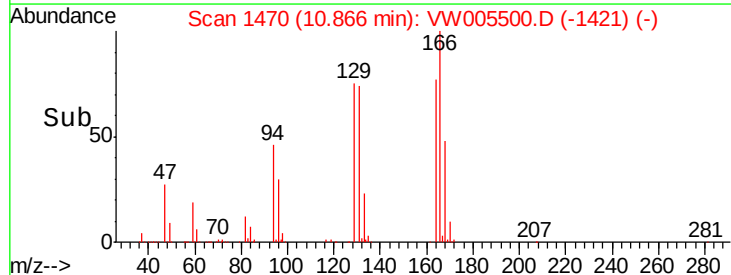
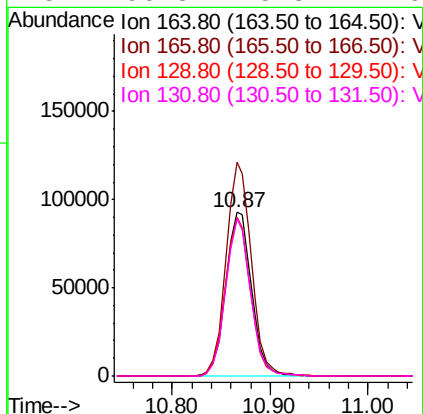
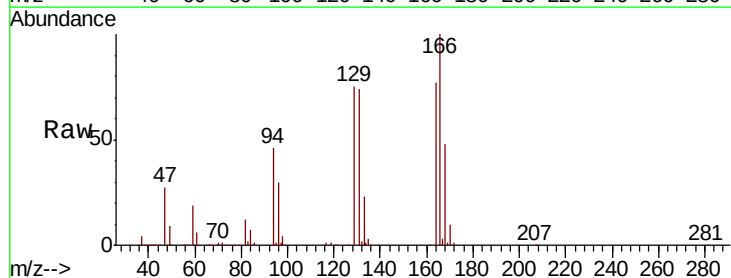
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

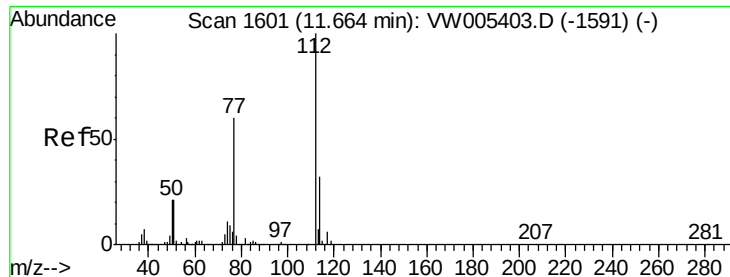
Tgt Ion:117 Resp: 454833
Ion Ratio Lower Upper
117 100
82 59.5 45.9 68.9
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 50.358 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion:164 Resp: 169278
Ion Ratio Lower Upper
164 100
166 130.5 104.0 156.0
129 97.2 74.9 112.3
131 96.3 75.3 112.9

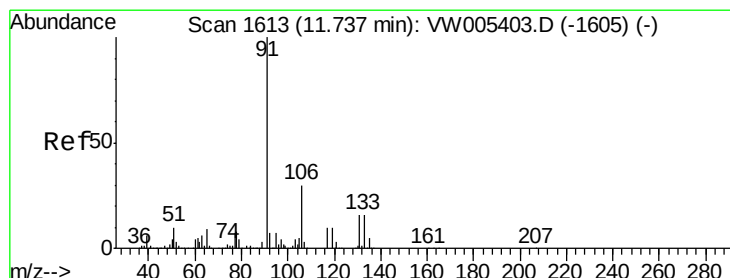
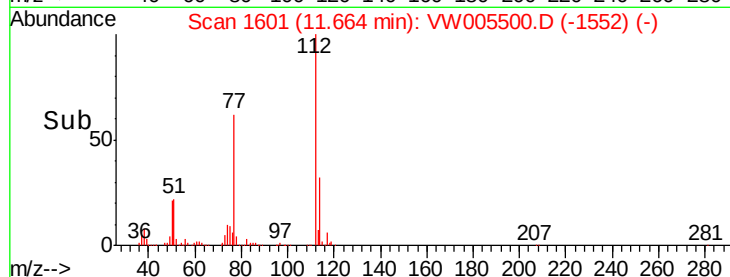
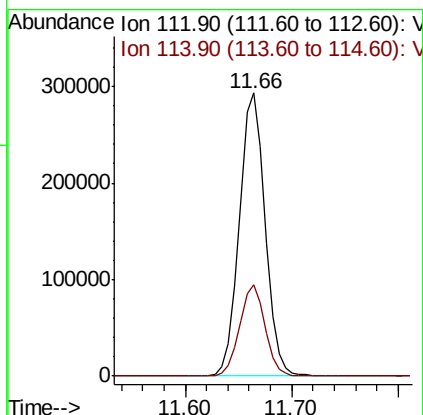
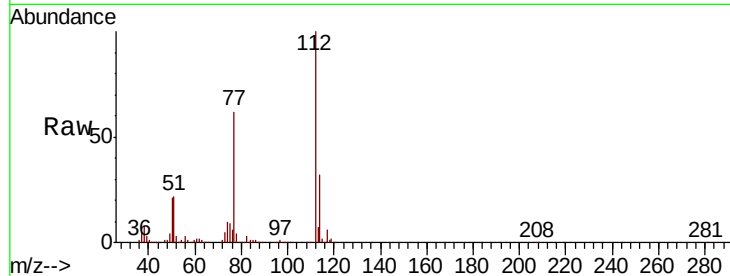




#65
Chlorobenzene
Concen: 51.724 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

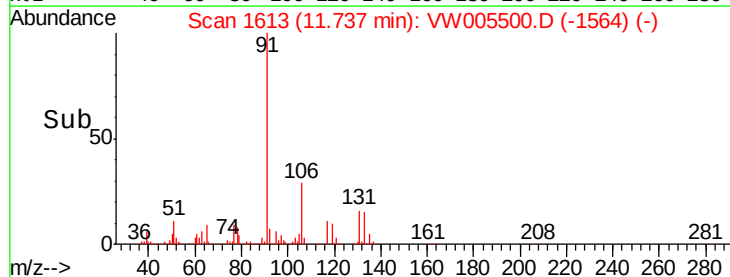
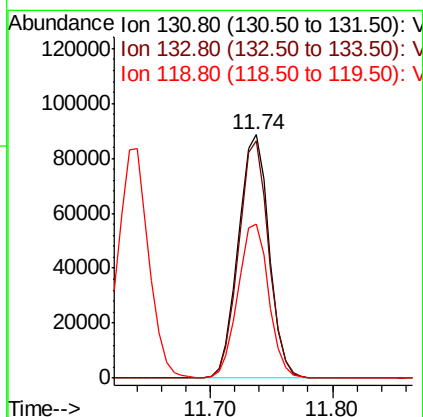
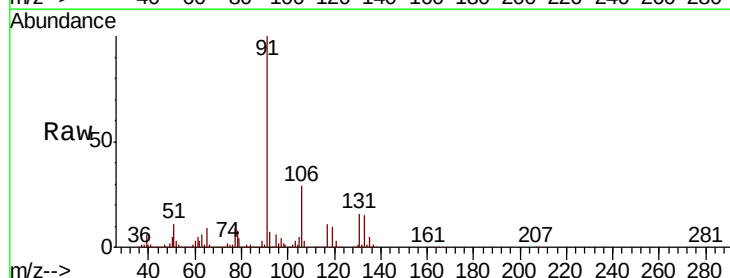
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

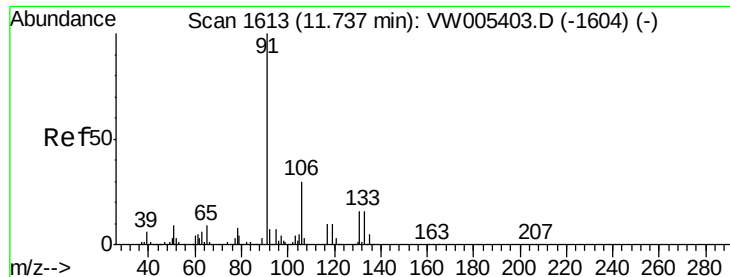
Tgt Ion:112 Resp: 499289
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.879 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion:131 Resp: 153892
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.9
119 64.0 31.1 93.5

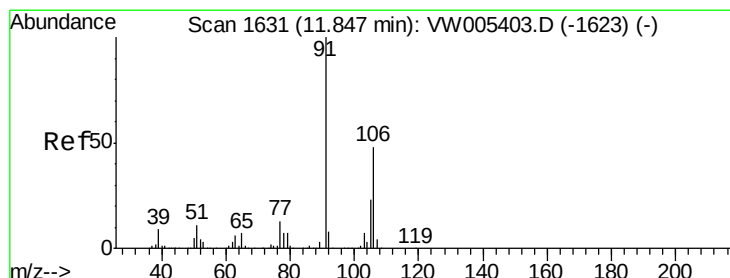
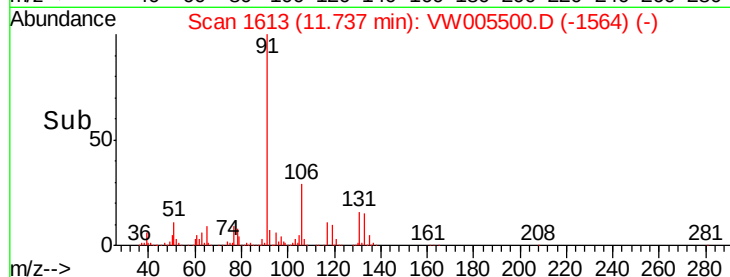
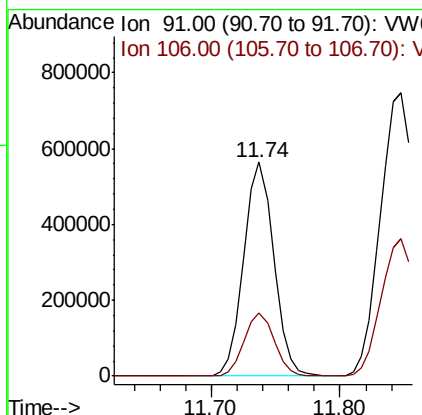
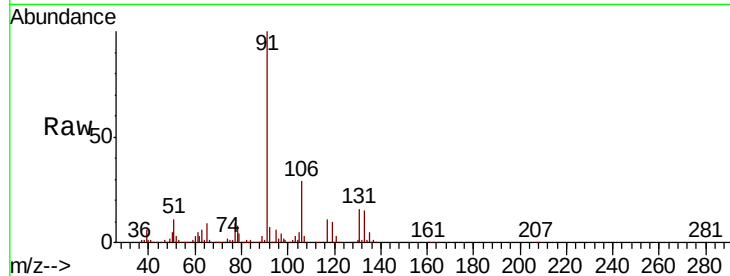




#67
Ethyl Benzene
Concen: 53.776 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

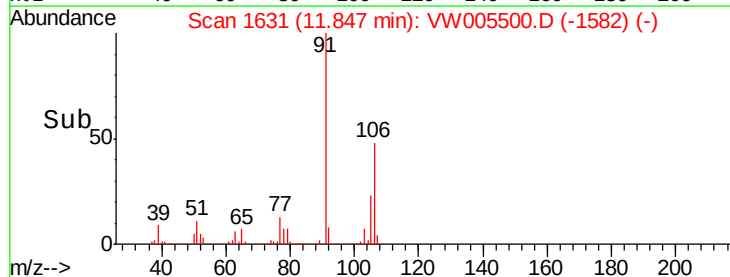
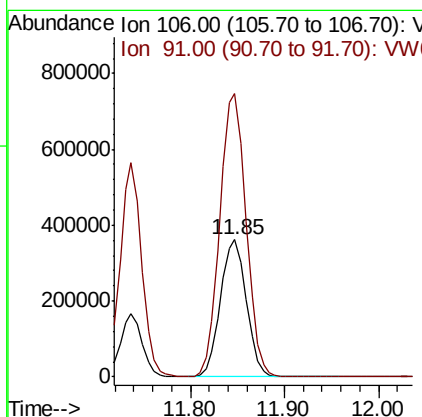
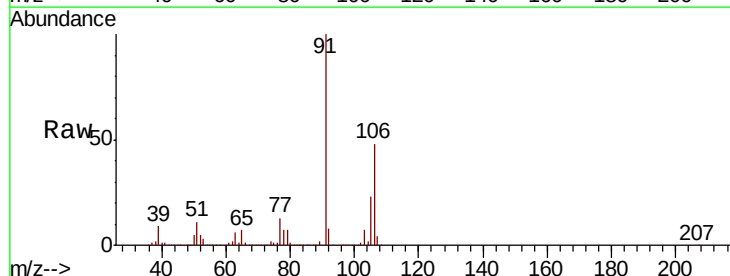
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

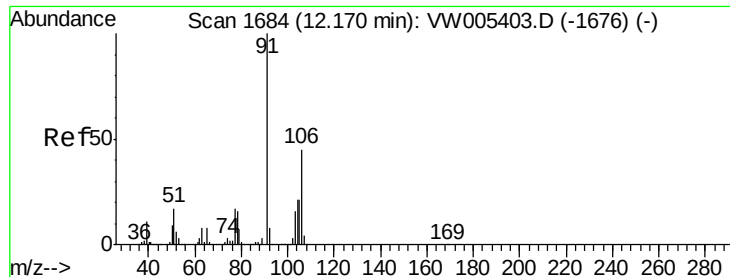
Tgt Ion: 91 Resp: 912890
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4



#68
m/p-Xylenes
Concen: 105.699 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 106 Resp: 690577
Ion Ratio Lower Upper
106 100
91 209.0 167.9 251.9

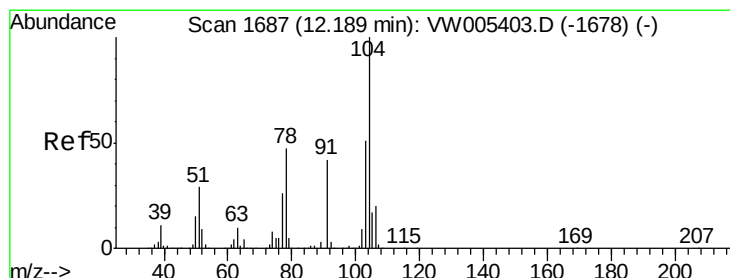
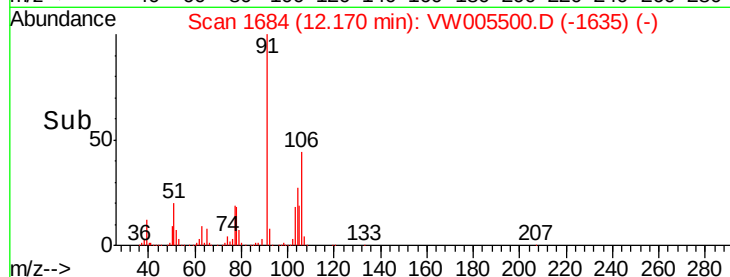
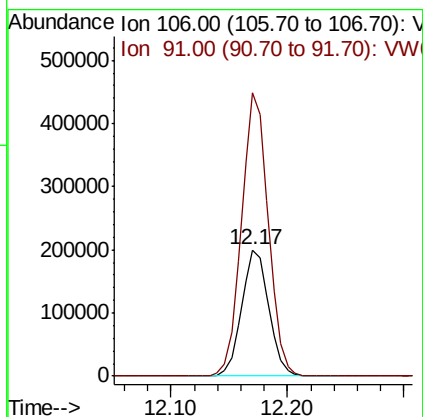
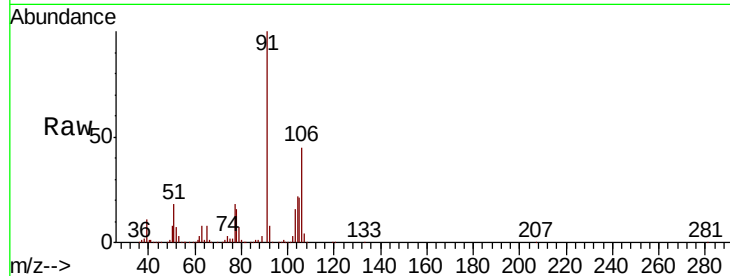




#69
o-Xylene
Concen: 53.310 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

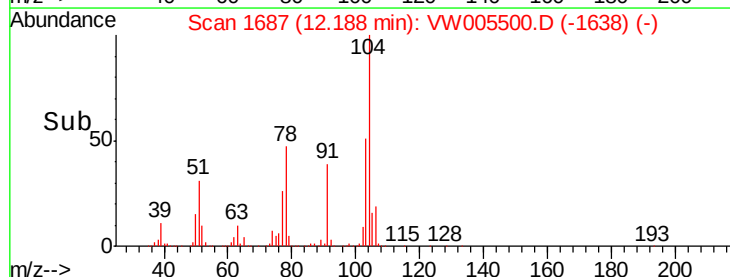
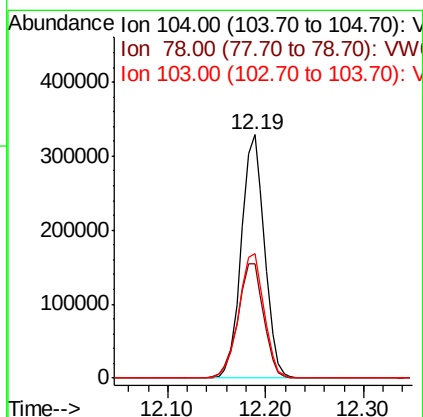
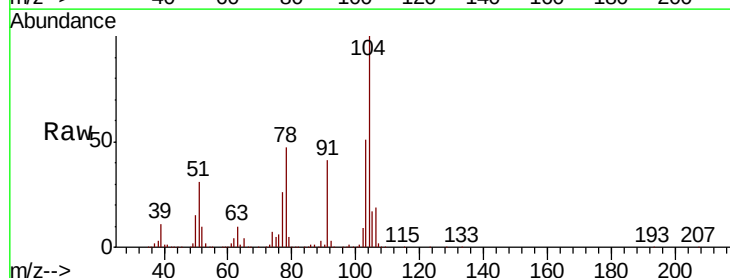
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

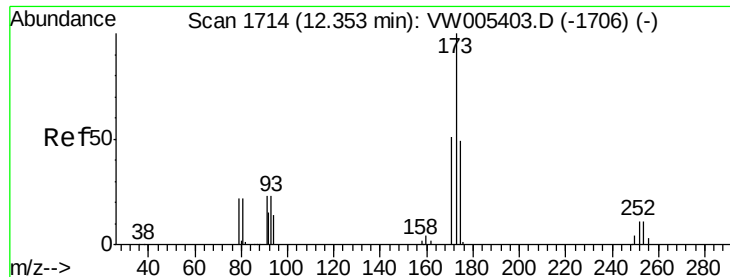
Tgt Ion:106 Resp: 324339
Ion Ratio Lower Upper
106 100
91 221.5 110.6 331.6



#70
Styrene
Concen: 53.934 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion:104 Resp: 541528
Ion Ratio Lower Upper
104 100
78 52.4 42.4 63.6
103 55.8 44.8 67.2





#71

Bromoform

Concen: 48.007 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

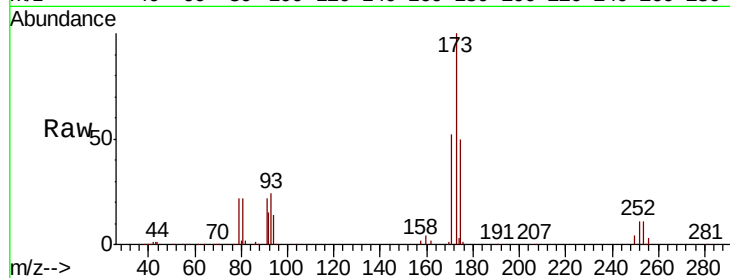
Tgt Ion:173 Resp: 78355

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

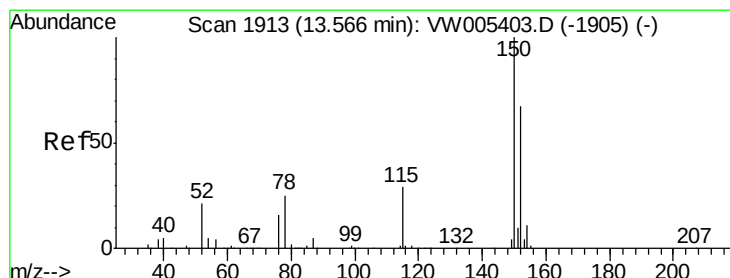
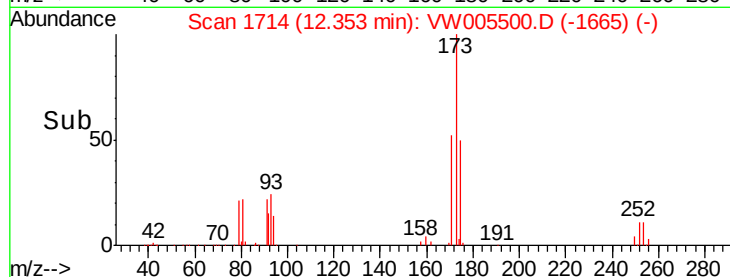
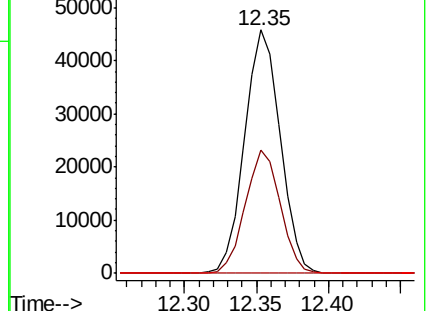
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

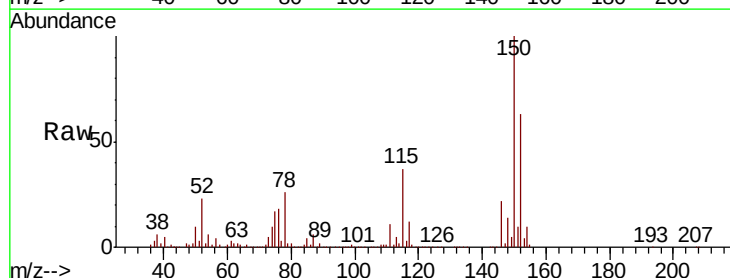
Tgt Ion:152 Resp: 229836

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

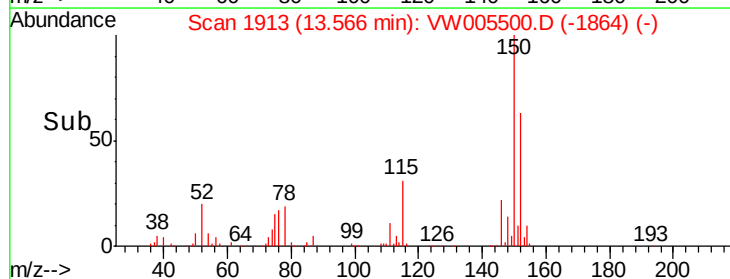
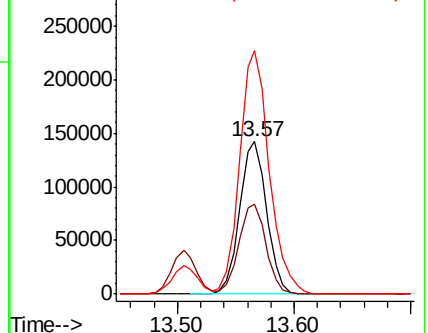
150 174.4 0.0 345.6

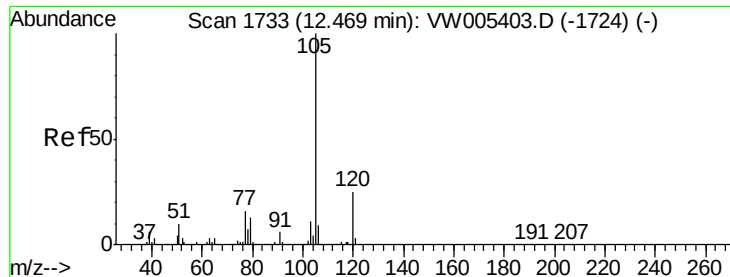


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.355 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

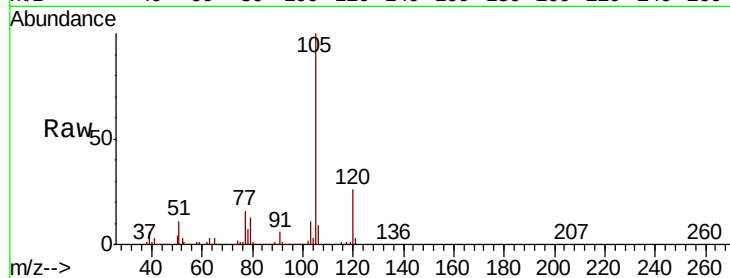
VSTDCCC050

Tgt Ion:105 Resp: 892599

Ion Ratio Lower Upper

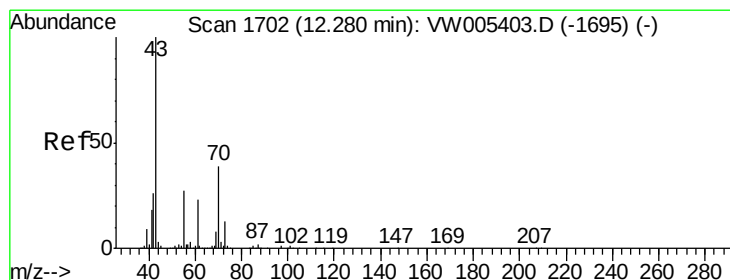
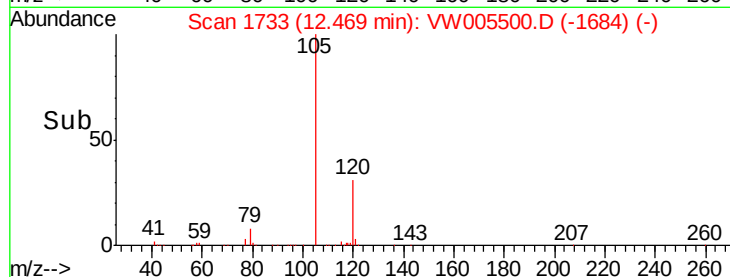
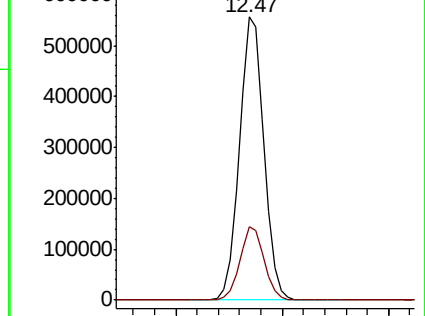
105 100

120 25.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.126 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Tgt Ion: 43 Resp: 211095

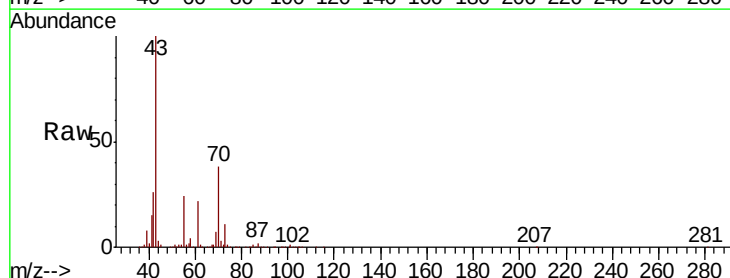
Ion Ratio Lower Upper

43 100

70 38.2 31.9 47.9

55 24.6 21.4 32.0

61 22.4 18.3 27.5

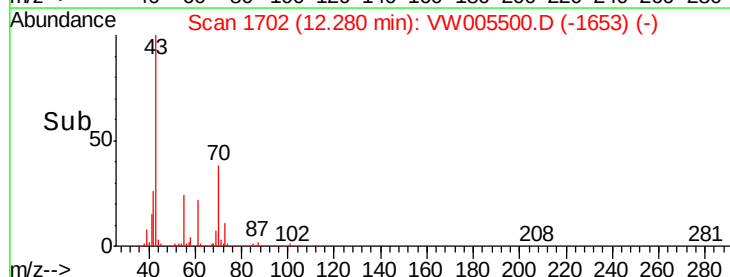
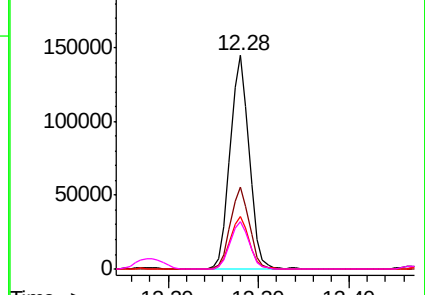


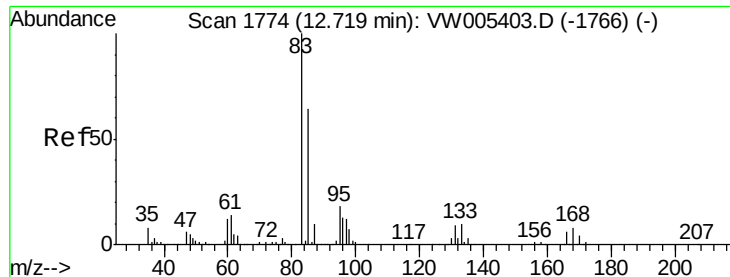
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 57.929 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

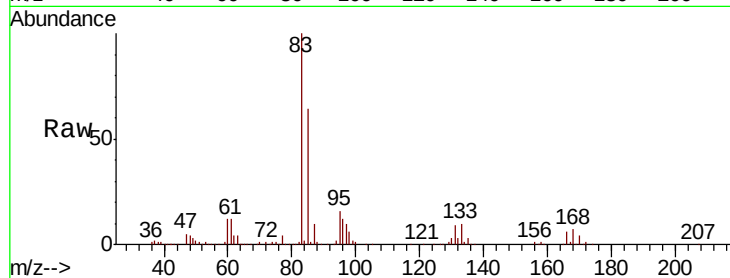
Tgt Ion: 83 Resp: 136265

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.1

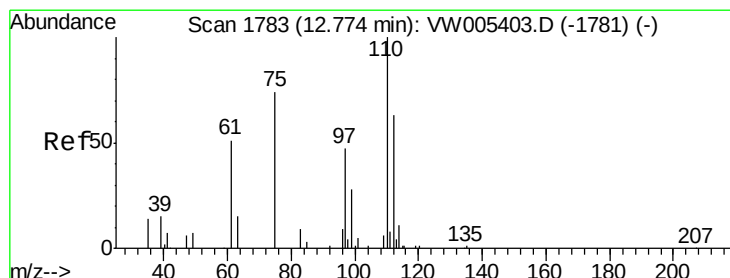
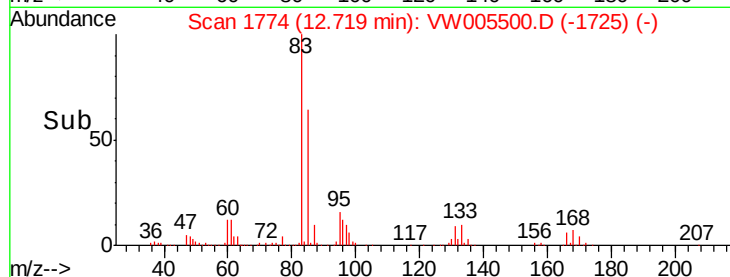
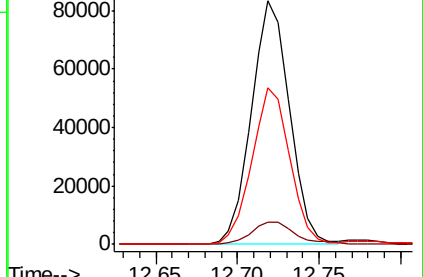
85 63.8 31.6 95.0



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: 100.293 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005500.D

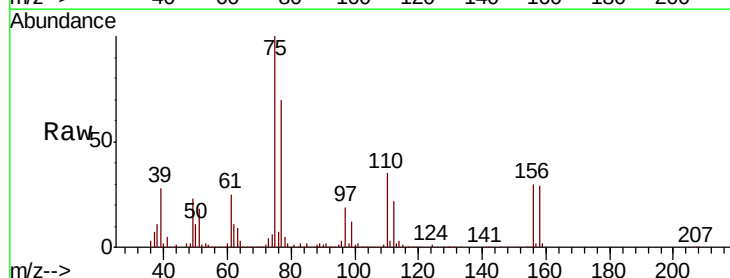
Acq: 19 Sep 2018 01:07

Tgt Ion: 75 Resp: 189589

Ion Ratio Lower Upper

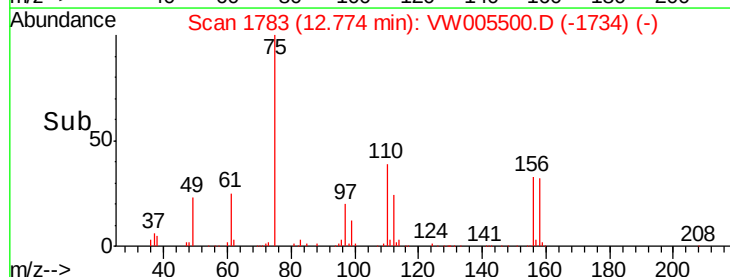
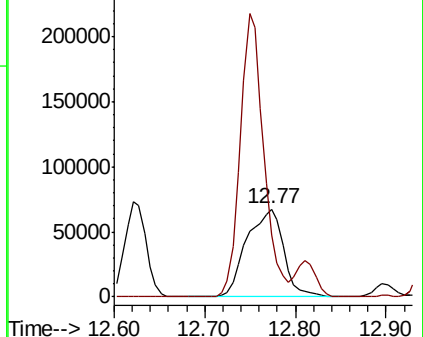
75 100

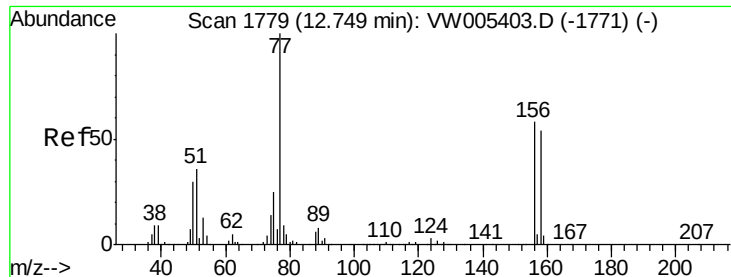
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.286 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

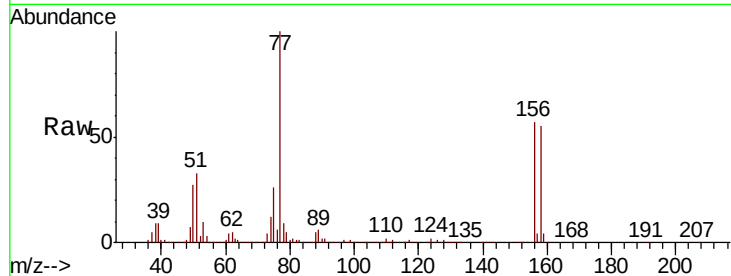
Tgt Ion:156 Resp: 195517

Ion Ratio Lower Upper

156 100

77 201.1 92.8 278.3

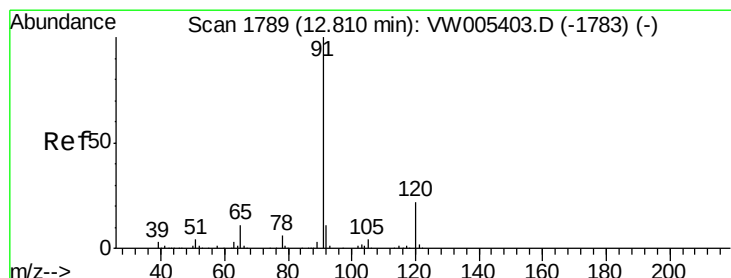
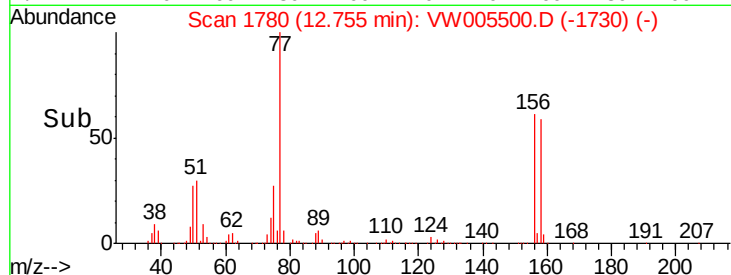
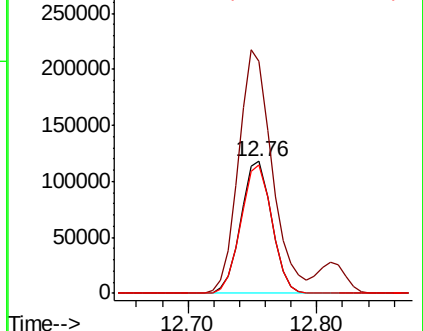
158 97.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.886 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005500.D

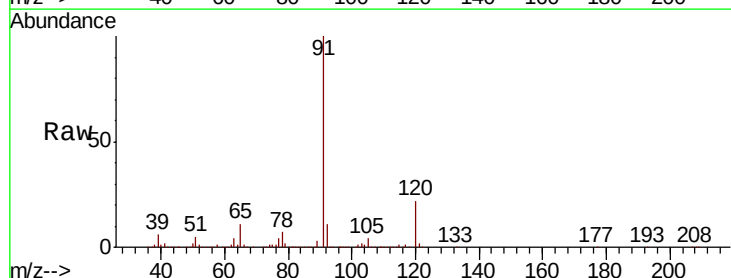
Acq: 19 Sep 2018 01:07

Tgt Ion: 91 Resp: 1087570

Ion Ratio Lower Upper

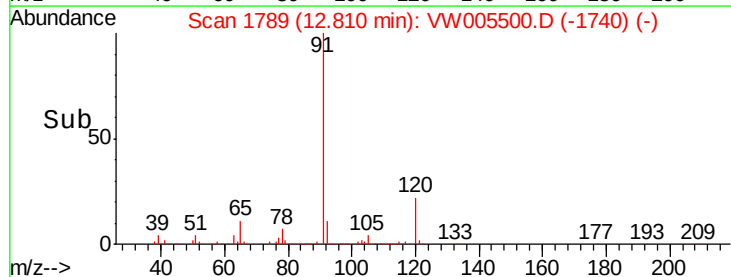
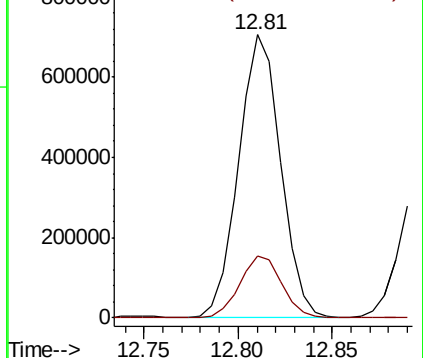
91 100

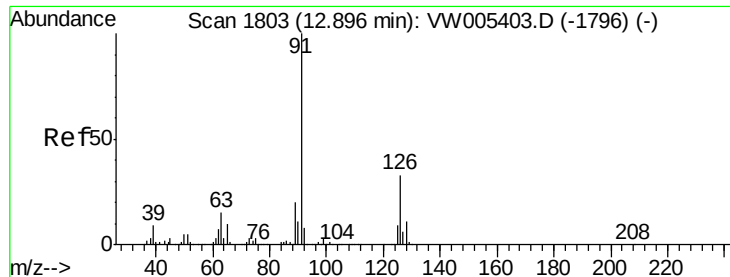
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.774 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

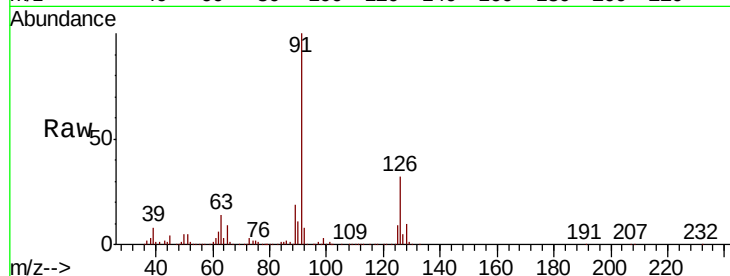
VSTDCCC050

Tgt Ion: 91 Resp: 628849

Ion Ratio Lower Upper

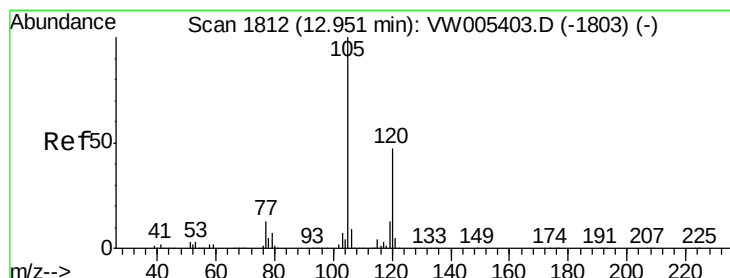
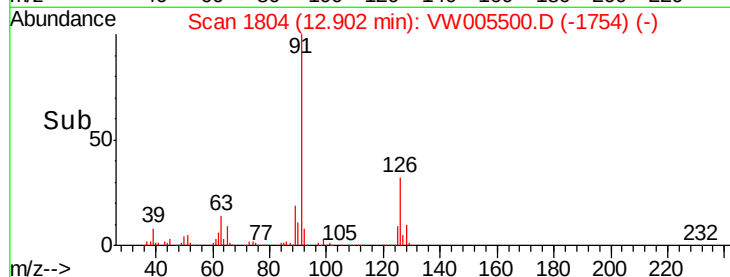
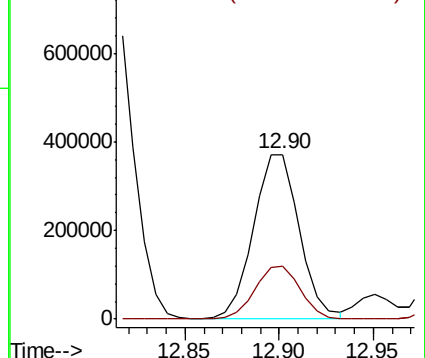
91 100

126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.777 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005500.D

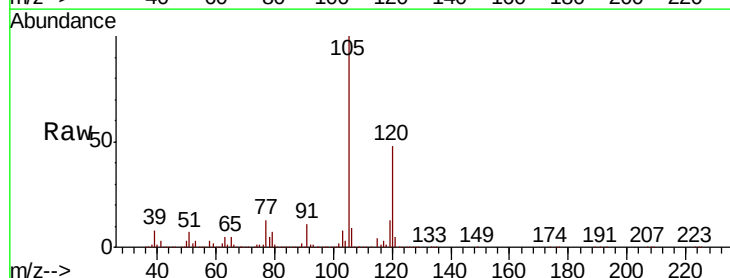
Acq: 19 Sep 2018 01:07

Tgt Ion: 105 Resp: 756622

Ion Ratio Lower Upper

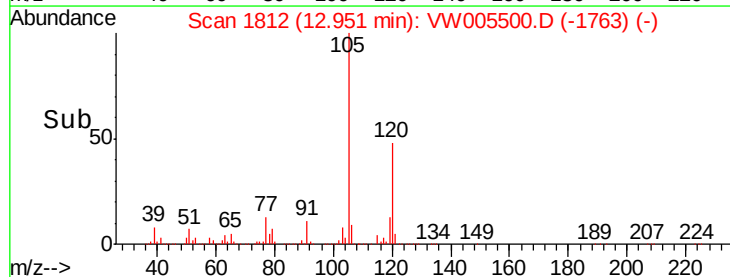
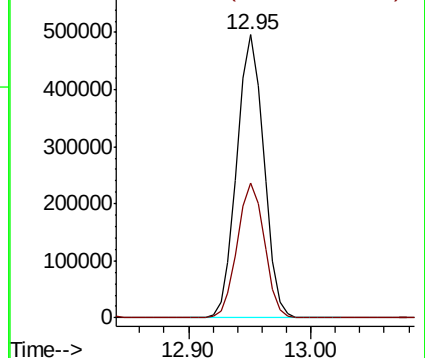
105 100

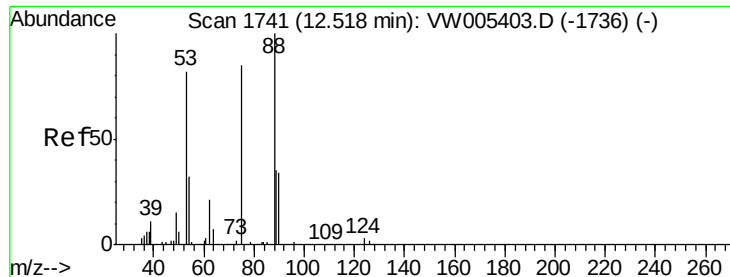
120 47.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

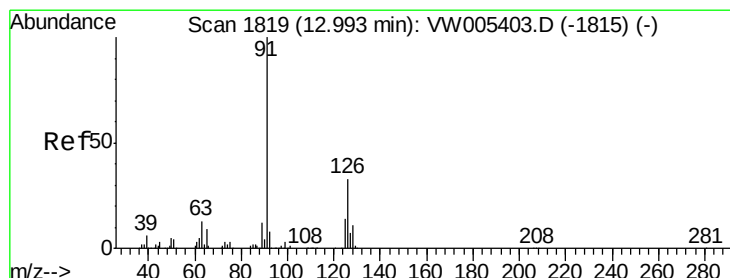
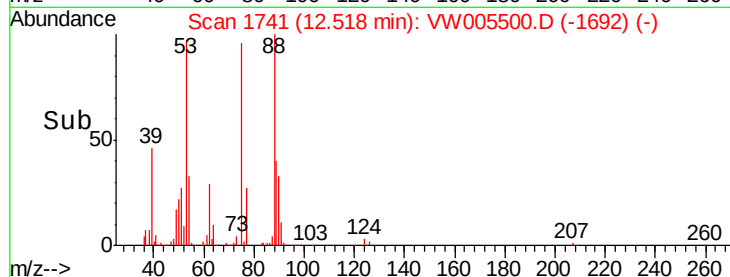
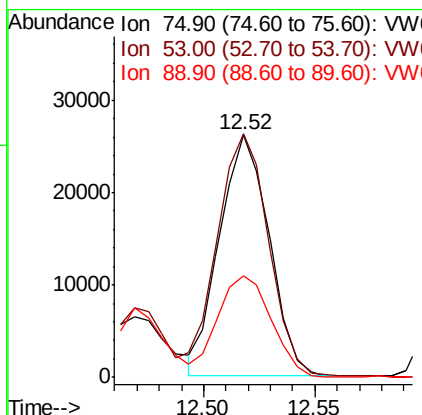
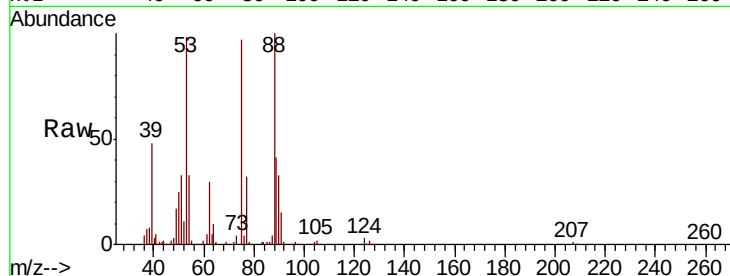




#81
trans-1,4-Dichloro-2-butene
Concen: 55.493 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

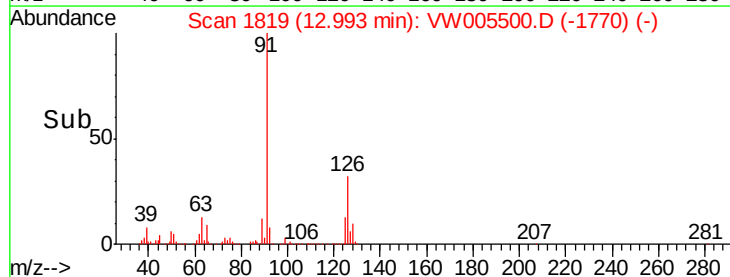
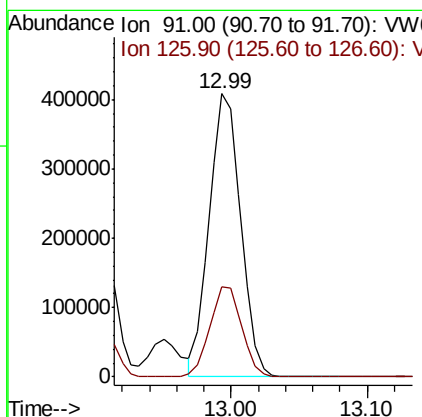
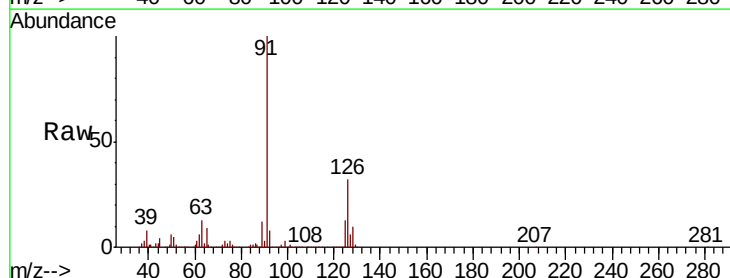
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

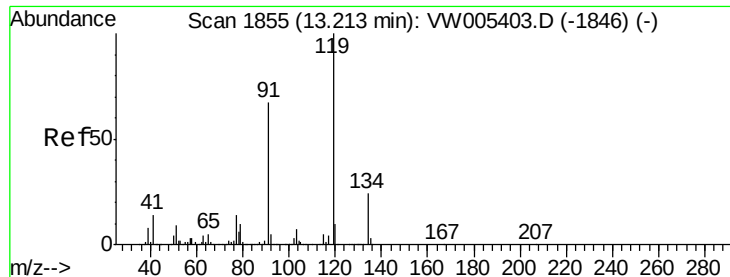
Tgt Ion: 75 Resp: 40439
Ion Ratio Lower Upper
75 100
53 106.9 83.2 124.8
89 45.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 53.895 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 91 Resp: 653233
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1

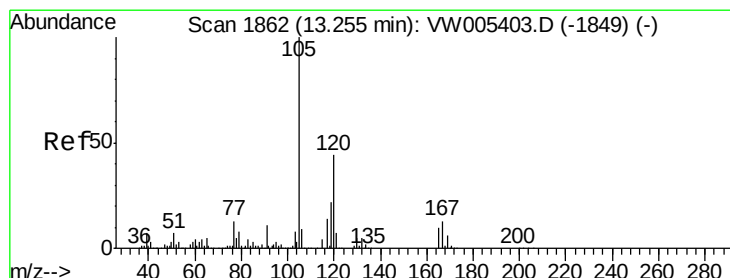
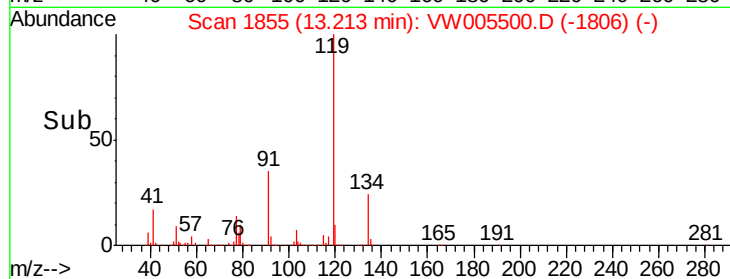
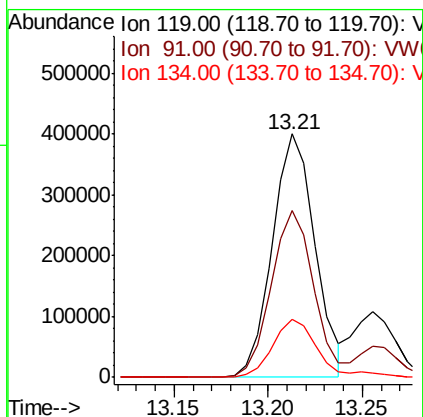
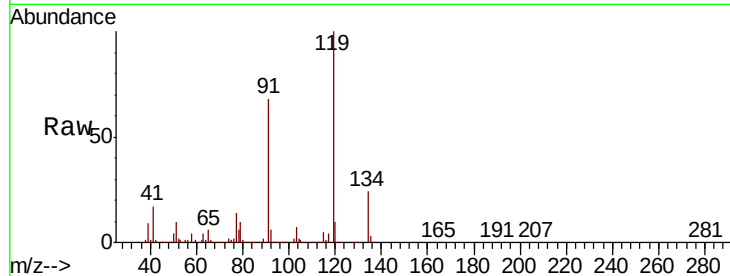




#83
 tert-Butylbenzene
 Concen: 53.866 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

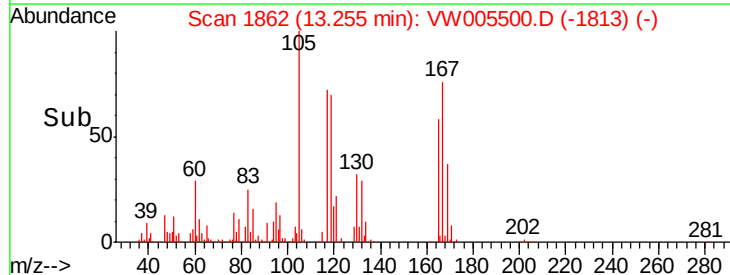
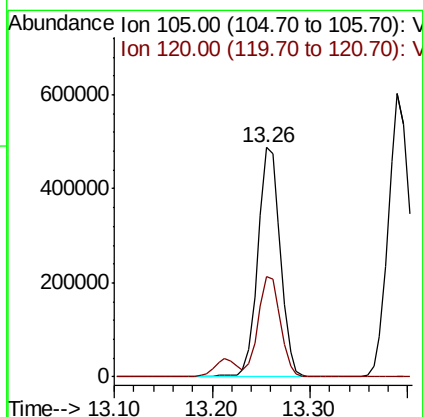
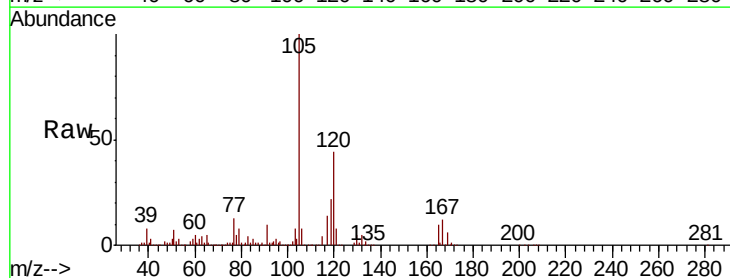
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

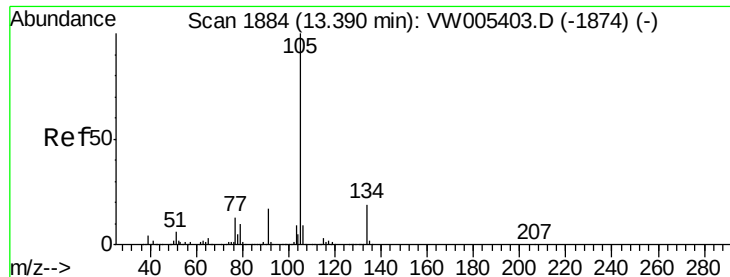
Tgt Ion:119 Resp: 629475
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.4 103.2
 134 25.5 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.051 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion:105 Resp: 772080
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 54.277 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

Instrument :

MSVOA_W

ClientSampleId :

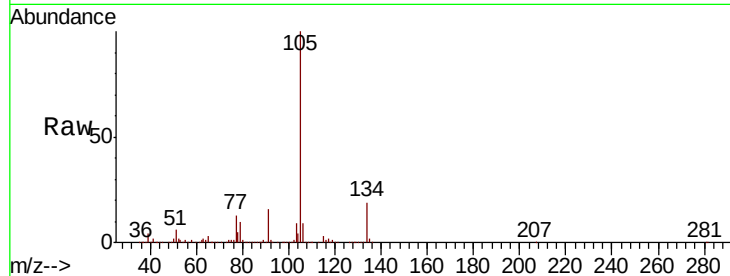
VSTDCCC050

Tgt Ion:105 Resp: 916480

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

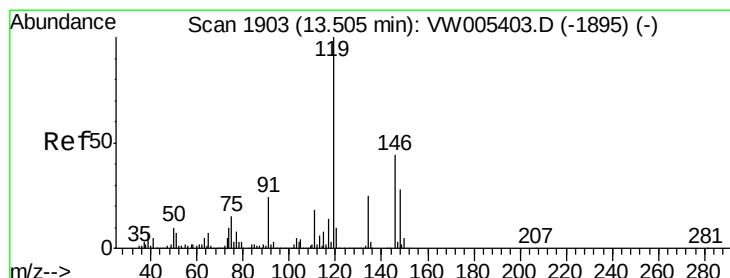
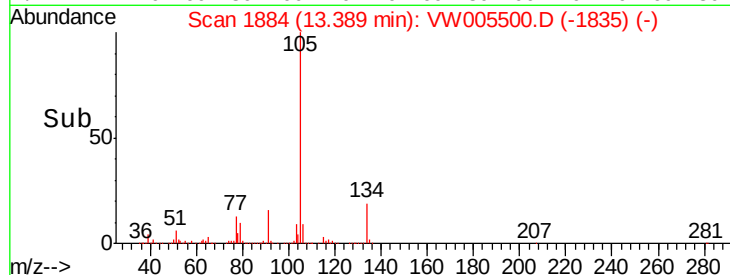
600000

400000

200000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 53.403 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005500.D

Acq: 19 Sep 2018 01:07

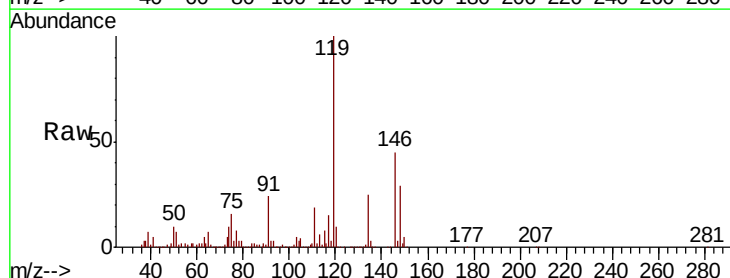
Tgt Ion:119 Resp: 806410

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

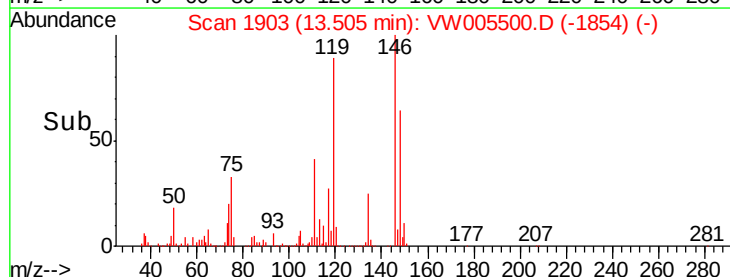
600000

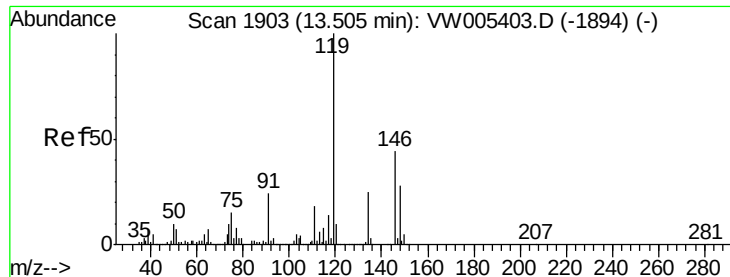
400000

200000

0

Time--> 13.45 13.50 13.55

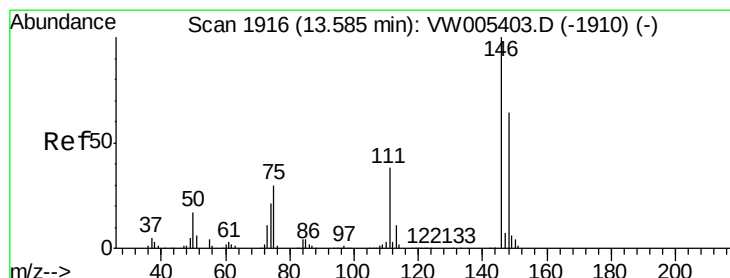
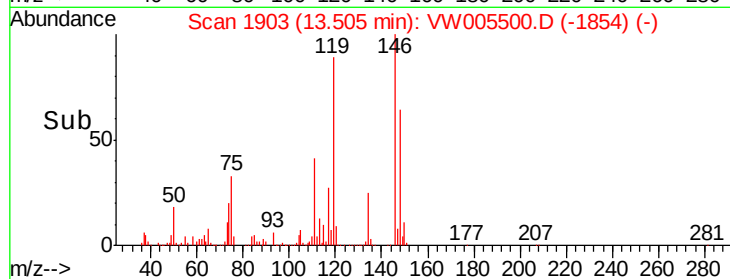
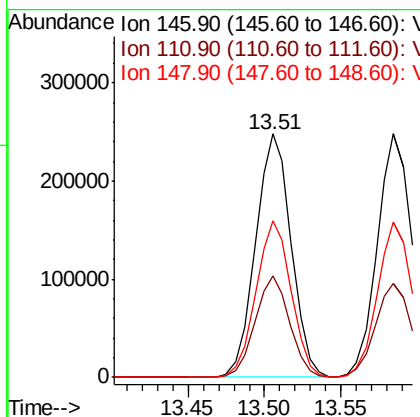
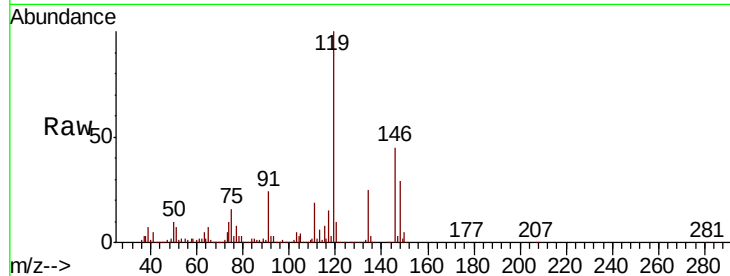




#87
 1,3-Dichlorobenzene
 Concen: 51.715 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

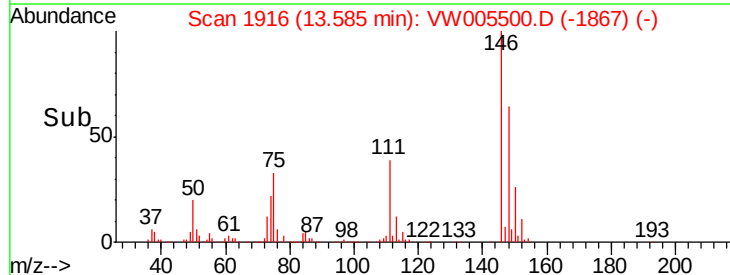
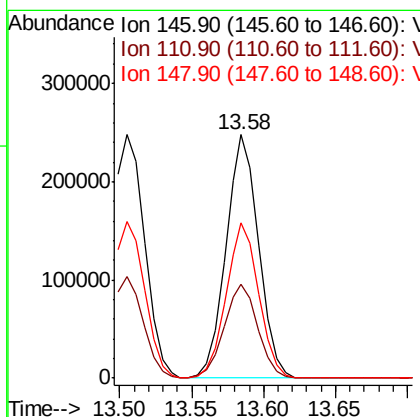
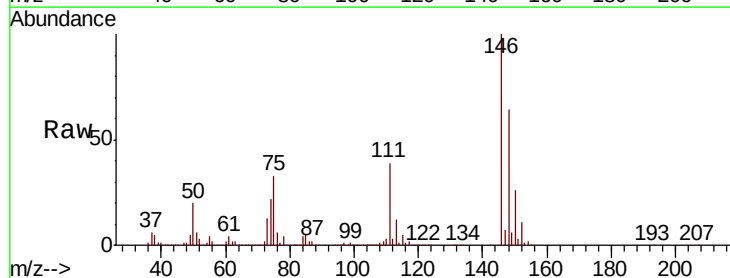
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

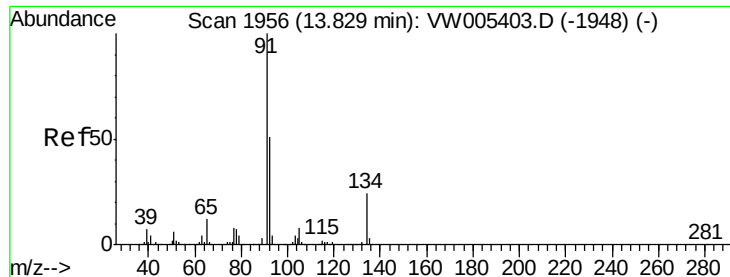
Tgt Ion:146 Resp: 399839
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.2
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.404 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion:146 Resp: 391369
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 63.7 31.8 95.4

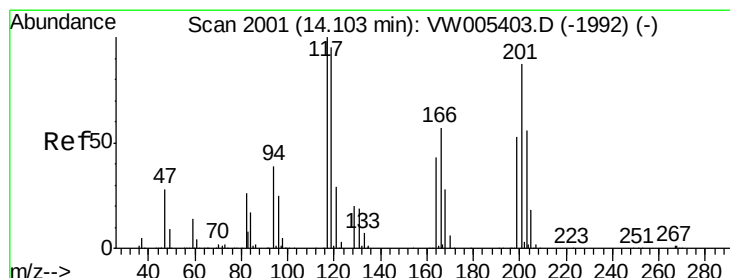
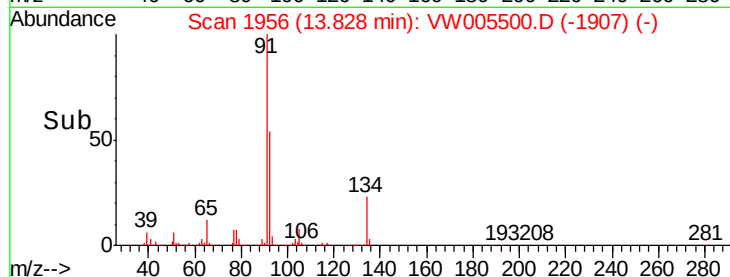
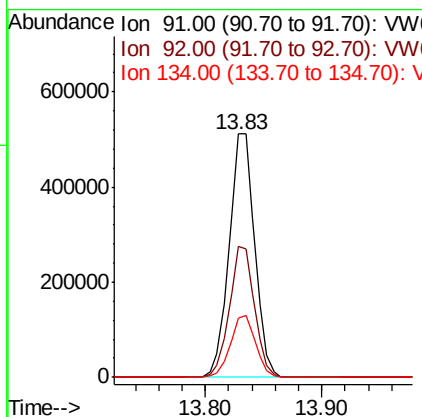
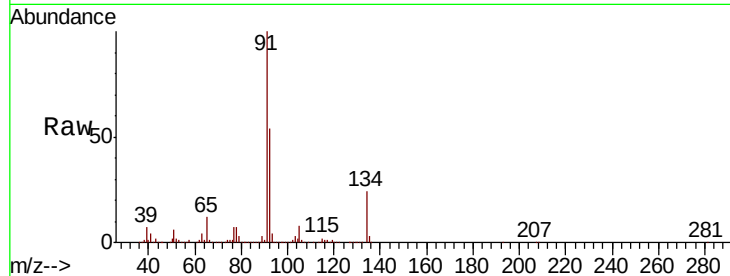




#89
n-Butylbenzene
Concen: 55.411 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

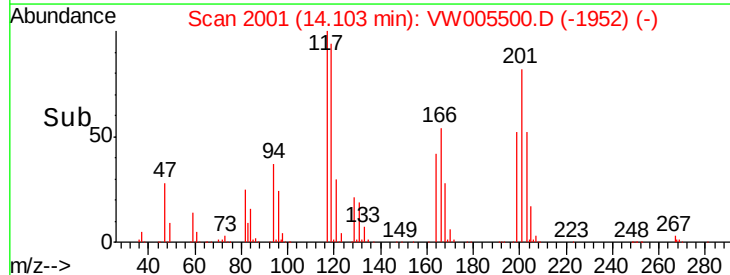
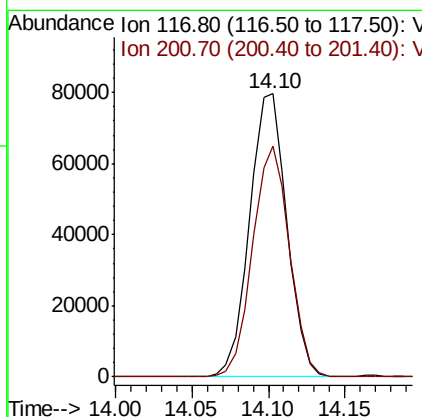
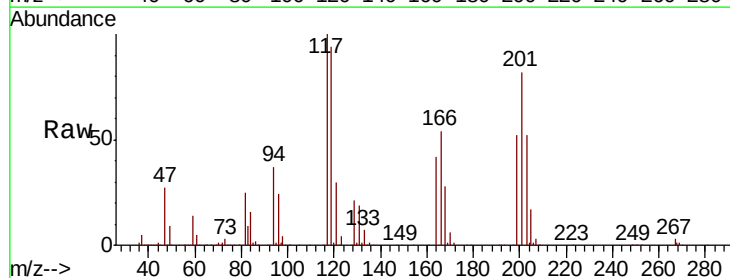
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

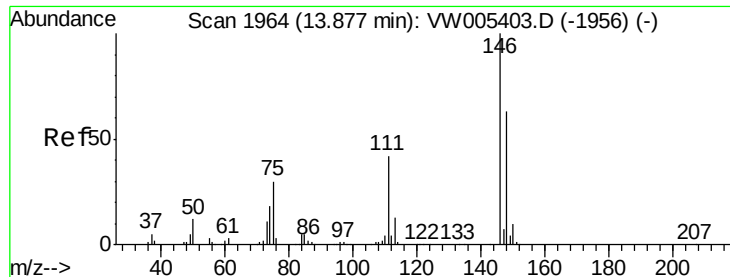
Tgt Ion: 91 Resp: 779149
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.6
134 25.0 12.7 38.1



#90
Hexachloroethane
Concen: 52.343 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion: 117 Resp: 135429
Ion Ratio Lower Upper
117 100
201 80.4 42.5 127.5

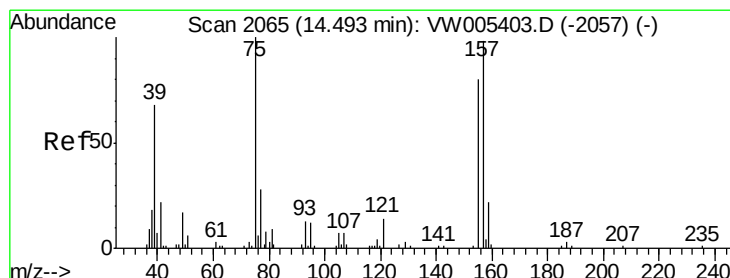
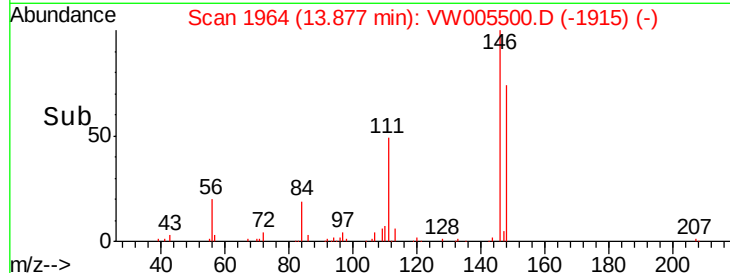
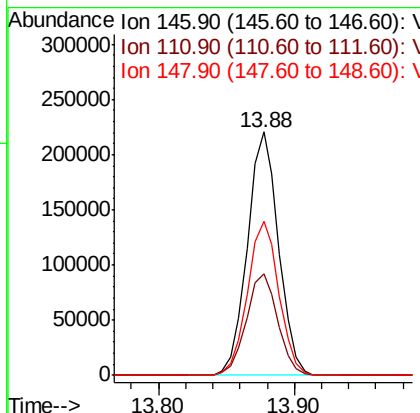
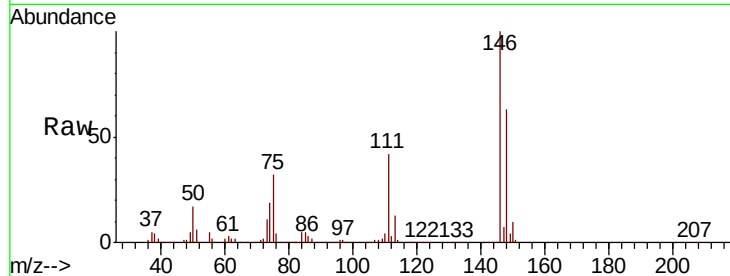




#91
 1,2-Dichlorobenzene
 Concen: 52.185 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

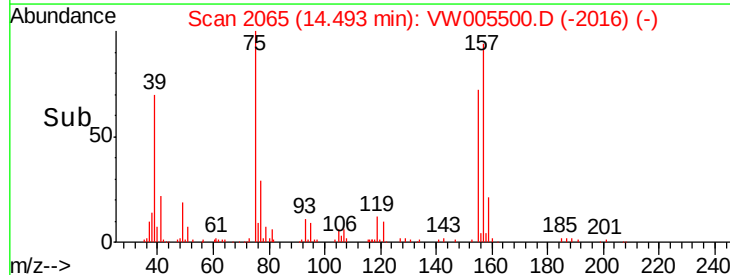
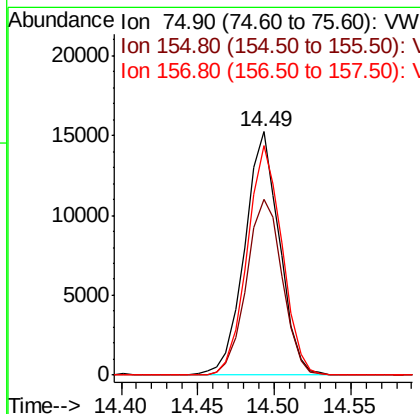
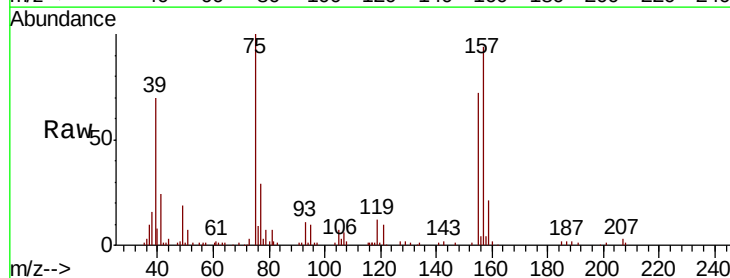
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

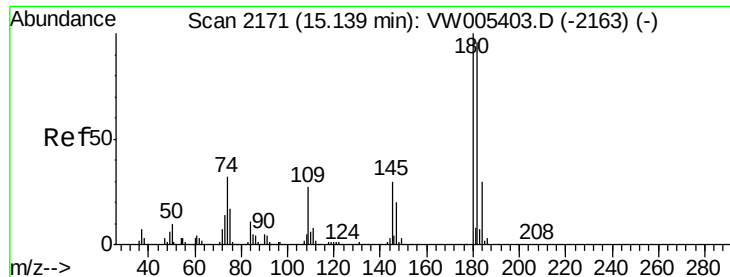
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.278 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	39.0	117.0
157	94.3	49.9	149.6

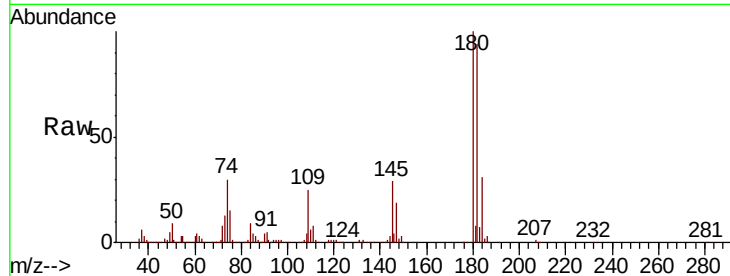




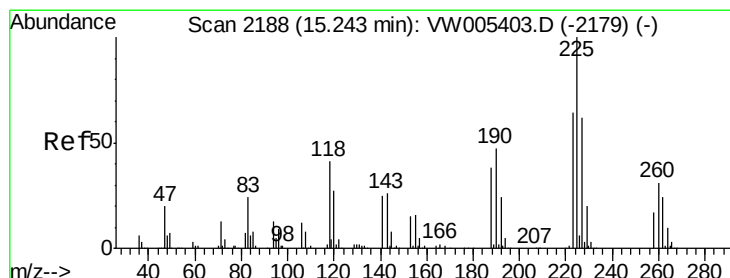
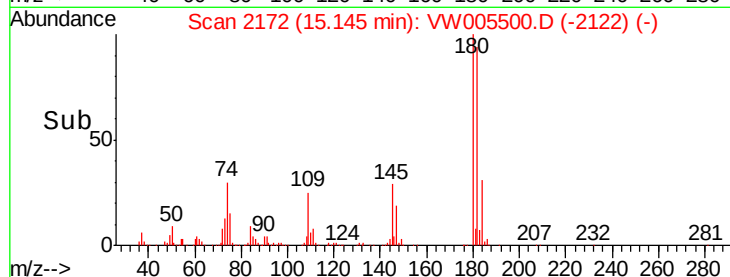
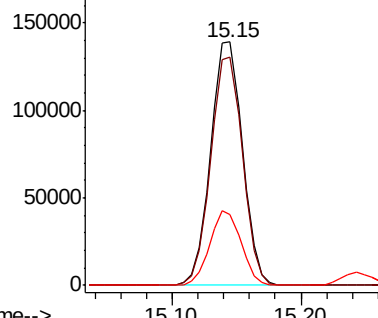
#93
 1,2,4-Trichlorobenzene
 Concen: 52.603 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 237151
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 141.9
 145 30.1 14.8 44.3

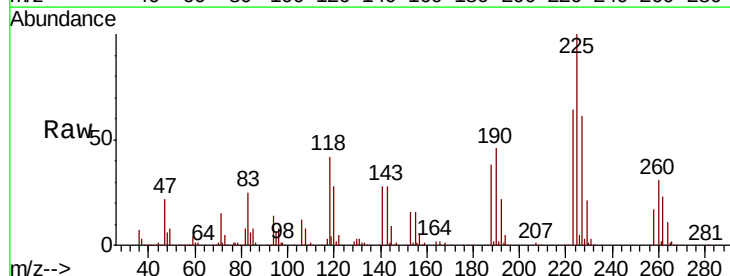


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

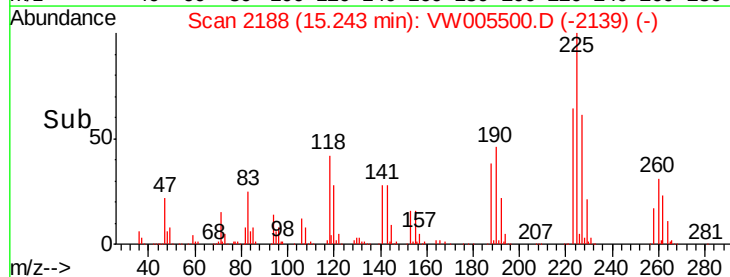
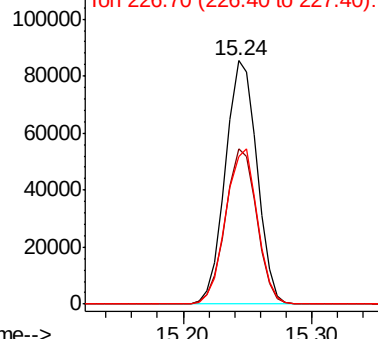


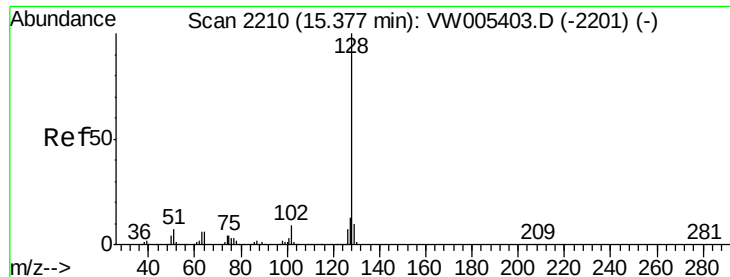
#94
 Hexachlorobutadiene
 Concen: 49.059 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005500.D
 Acq: 19 Sep 2018 01:07

Tgt Ion:225 Resp: 144433
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.2 93.6
 227 63.8 31.6 95.0



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

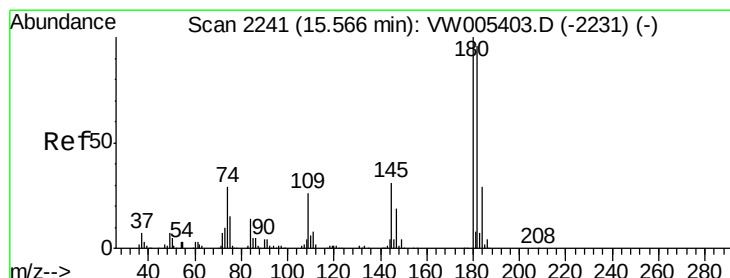
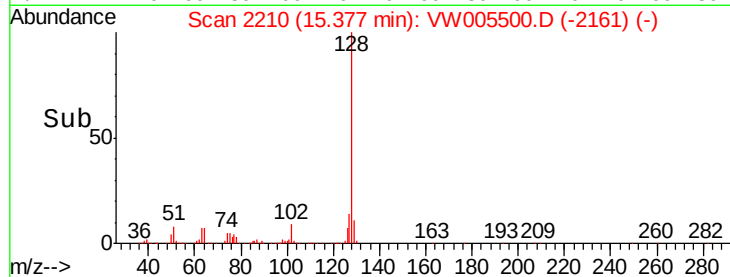
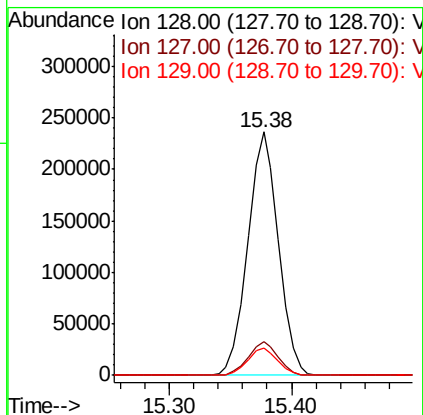
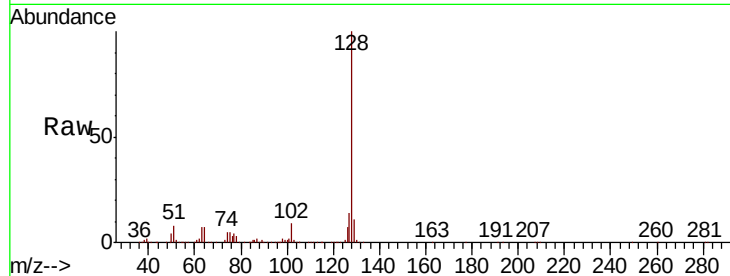




#95
Naphthalene
Concen: 54.586 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 410074
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.994 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005500.D
Acq: 19 Sep 2018 01:07

Tgt Ion:180 Resp: 204573
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.4
145 32.0 15.9 47.7

