

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003747.D
 Acq On : 06 Jul 2018 22:48
 Operator : SY/AP
 Sample : VSTDCCC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Quant Time: Jul 07 03:51:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	14060	5.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.78%	
35) Dibromofluoromethane	7.88	113	11664	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.32	98	41214	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.62	95	14597	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4513	4.767	ug/l	92
3) Chloromethane	2.21	50	10245	6.460	ug/l	92
4) Vinyl Chloride	2.36	62	12855	5.954	ug/l	99
5) Bromomethane	2.78	94	9661	6.725	ug/l	94
6) Chloroethane	2.92	64	7441	5.737	ug/l	95
7) Trichlorofluoromethane	3.24	101	5371	4.855	ug/l	87
8) Diethyl Ether	3.67	74	5065	4.909	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9349	4.912	ug/l	90
10) Methyl Iodide	4.26	142	12051	4.319	ug/l #	89
11) Tert butyl alcohol	5.22	59	3296	22.469	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	9004	4.762	ug/l	100
13) Acrolein	3.89	56	4353	45.679	ug/l	96
14) Allyl chloride	4.65	41	13583	4.196	ug/l	96
15) Acrylonitrile	5.38	53	10889	21.834	ug/l	96
16) Acetone	4.14	43	11141	20.105	ug/l	93
17) Carbon Disulfide	4.36	76	27973	4.926	ug/l	98
18) Methyl Acetate	4.67	43	5603	4.072	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	17584	4.688	ug/l	99
20) Methylene Chloride	4.90	84	15983	6.229	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	10795	5.183	ug/l	97
22) Diisopropyl ether	6.31	45	33261	4.952	ug/l	92
23) Vinyl Acetate	6.25	43	97980	23.937	ug/l	98
24) 1,1-Dichloroethane	6.21	63	23263	5.828	ug/l	99
25) 2-Butanone	7.18	43	17699	24.361	ug/l	95
26) 2,2-Dichloropropane	7.17	77	13342	5.551	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12904	5.670	ug/l	97
28) Bromochloromethane	7.51	49	10764	6.172	ug/l	95
29) Tetrahydrofuran	7.54	42	11045	25.075	ug/l	97
30) Chloroform	7.68	83	24095	5.960	ug/l	96
31) Cyclohexane	7.95	56	22257	6.165	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	18381	5.861	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17464	5.286	ug/l	99
37) Ethyl Acetate	7.26	43	8392	5.175	ug/l	97
38) Carbon Tetrachloride	8.07	117	17200	5.476	ug/l	99

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Quant Time: Jul 07 03:51:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17196	4.547	ug/l	96
40) Benzene	8.32	78	50542	5.425	ug/l	95
41) Methacrylonitrile	7.49	41	4066	4.395	ug/l	95
42) 1,2-Dichloroethane	8.40	62	17594	5.958	ug/l	99
43) Isopropyl Acetate	8.43	43	15438	5.033	ug/l	97
44) Trichloroethene	9.09	130	12520	5.208	ug/l	99
45) 1,2-Dichloropropane	9.37	63	13176	5.439	ug/l	96
46) Dibromomethane	9.46	93	7133	5.643	ug/l	99
47) Bromodichloromethane	9.65	83	17094	5.494	ug/l #	99
48) Methyl methacrylate	9.44	41	7165	4.913	ug/l	98
49) 1,4-Dioxane	9.47	88	1839	93.390	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	36776	22.683	ug/l	98
52) Toluene	10.39	92	29858	5.143	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	15992	4.969	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	17526	4.817	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	9910	5.577	ug/l	96
56) Ethyl methacrylate	10.65	69	9378	4.190	ug/l	97
57) 1,3-Dichloropropane	10.93	76	16194	5.237	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	21871	21.994	ug/l	99
59) 2-Hexanone	10.98	43	24775	21.469	ug/l	95
60) Dibromochloromethane	11.13	129	10948	5.258	ug/l	100
61) 1,2-Dibromoethane	11.24	107	9337	5.469	ug/l	96
64) Tetrachloroethene	10.86	164	11987	5.568	ug/l	92
65) Chlorobenzene	11.66	112	35353	5.328	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	12007	5.185	ug/l	97
67) Ethyl Benzene	11.73	91	54415	4.697	ug/l	99
68) m/p-Xylenes	11.85	106	40942	9.275	ug/l	98
69) o-Xylene	12.17	106	18648	4.561	ug/l	98
70) Styrene	12.19	104	30704	4.468	ug/l	100
71) Bromoform	12.35	173	6251	4.819	ug/l #	98
73) Isopropylbenzene	12.47	105	48716	4.327	ug/l	99
74) N-amyl acetate	12.28	43	13556	4.510	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	11456	5.142	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	15139	10.128	ug/l #	100
77) Bromobenzene	12.75	156	14083	5.206	ug/l	95
78) n-propylbenzene	12.81	91	63376	4.553	ug/l	99
79) 2-Chlorotoluene	12.90	91	37935	4.792	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	42551	4.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	2992	4.260	ug/l	91
82) 4-Chlorotoluene	12.99	91	41595	4.927	ug/l	98
83) tert-Butylbenzene	13.21	119	34625	4.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	44181	4.497	ug/l	100
85) sec-Butylbenzene	13.39	105	53735	4.501	ug/l	99
86) p-Isopropyltoluene	13.51	119	44381	4.244	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	28593	5.197	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	29776	5.413	ug/l	94
89) n-Butylbenzene	13.83	91	45911	4.450	ug/l	99
90) Hexachloroethane	14.10	117	10343	5.317	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	25517	5.178	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1999	5.134	ug/l	95

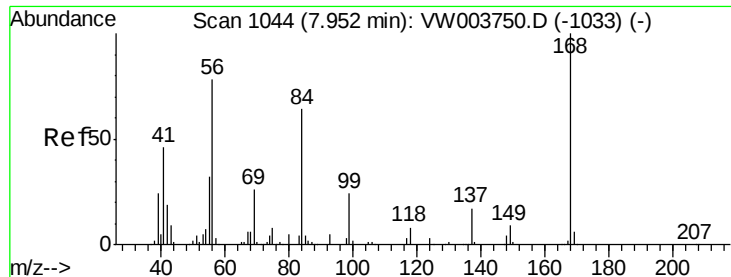
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
Data File : VW003747.D
Acq On : 06 Jul 2018 22:48
Operator : SY/AP
Sample : VSTDCCC005
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Instrument :
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ClientSampleId :
VSTDCCC005

Quant Time: Jul 07 03:51:13 2018
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 03:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	16501	4.763	ug/l	99
94) Hexachlorobutadiene	15.25	225	10160	5.112	ug/l	98
95) Naphthalene	15.38	128	25117	3.968	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	14622	4.719	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

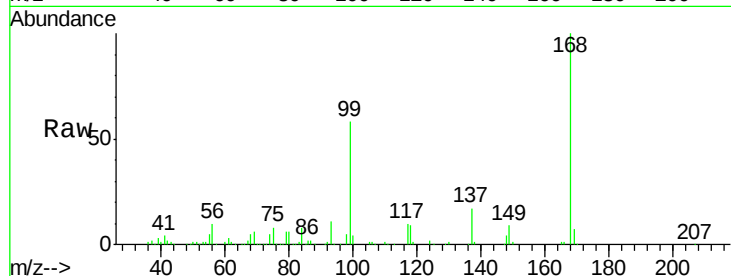
VSTDCCC005

Tgt Ion:168 Resp: 197057

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

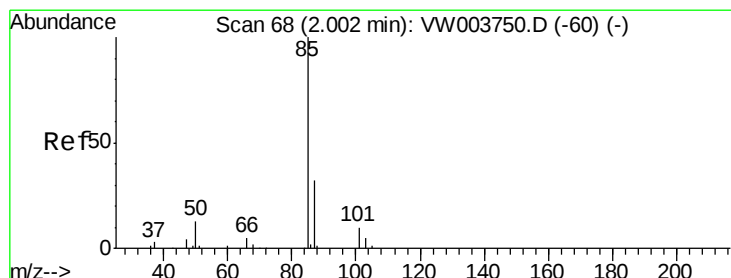
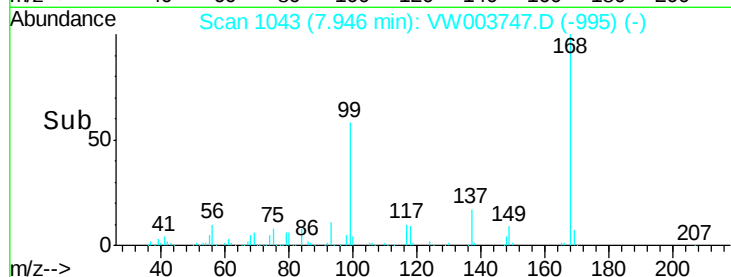
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.767 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW003747.D

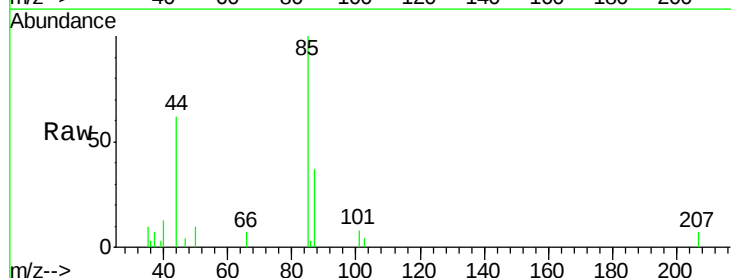
Acq: 06 Jul 2018 22:48

Tgt Ion: 85 Resp: 4513

Ion Ratio Lower Upper

85 100

87 36.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

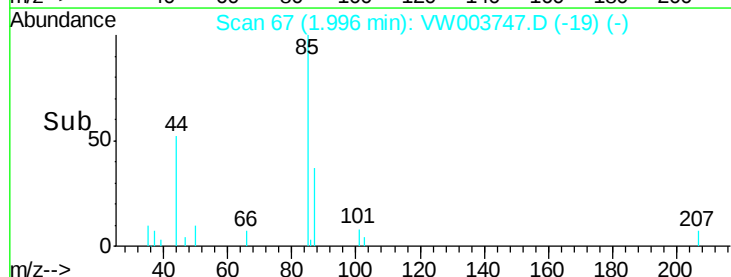
1500

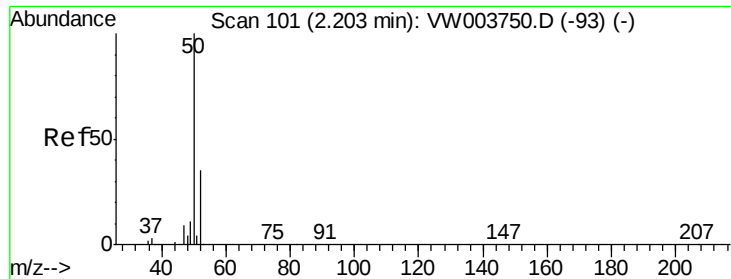
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.460 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

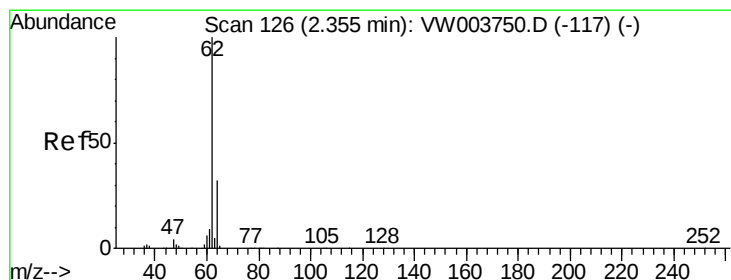
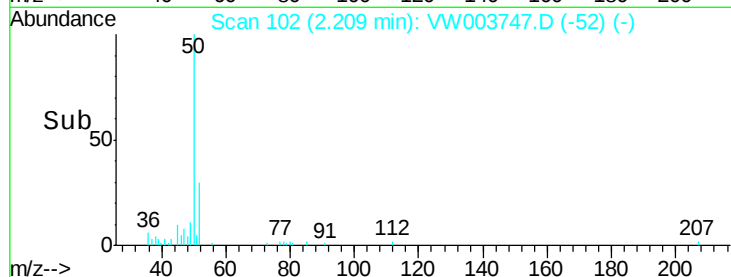
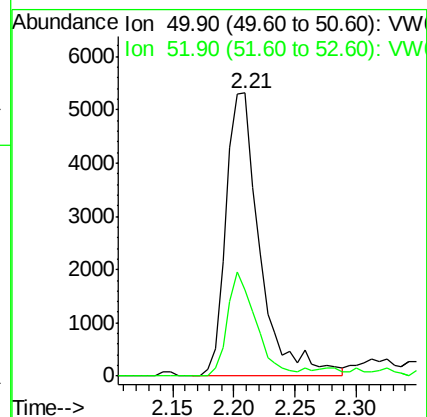
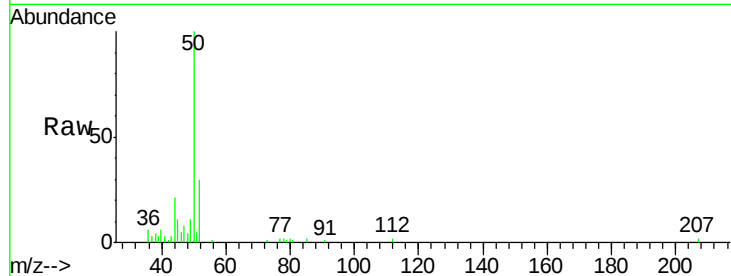
VSTDCCC005

Tgt Ion: 50 Resp: 10245

Ion Ratio Lower Upper

50 100

52 30.4 27.8 41.6



#4

Vinyl Chloride

Concen: 5.954 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003747.D

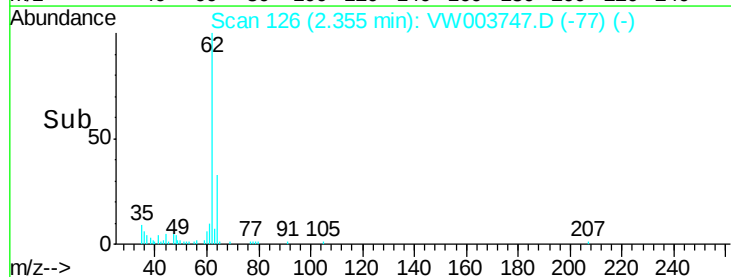
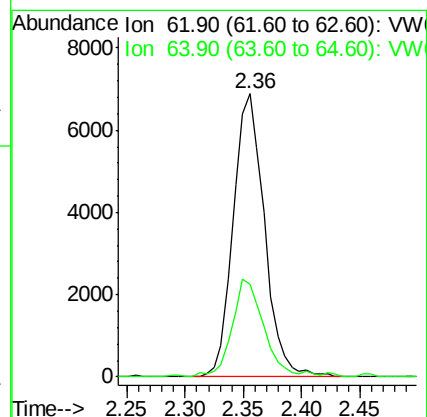
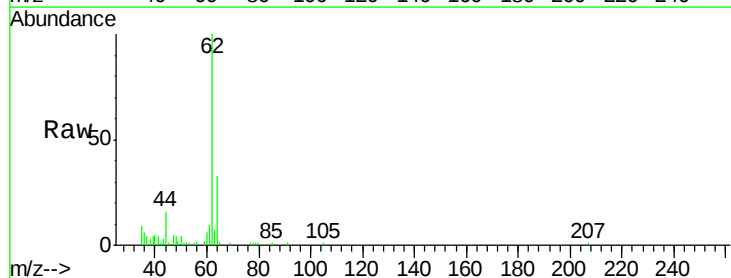
Acq: 06 Jul 2018 22:48

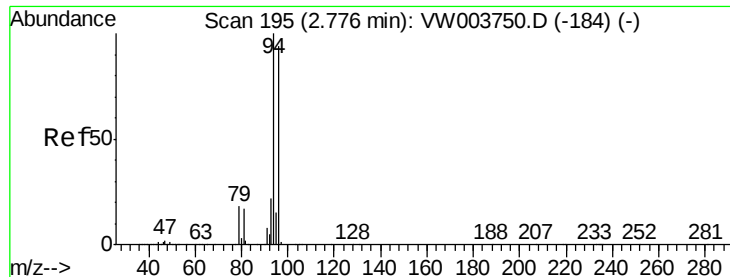
Tgt Ion: 62 Resp: 12855

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 6.725 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

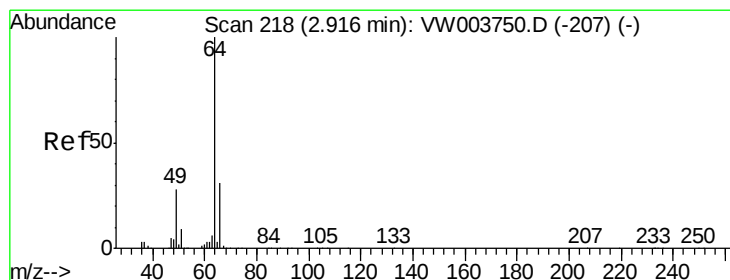
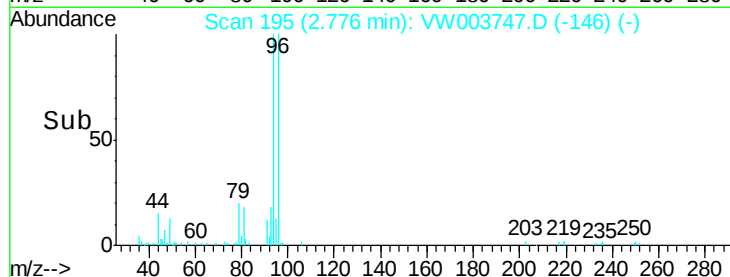
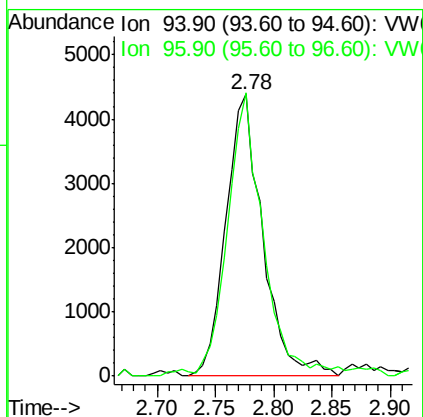
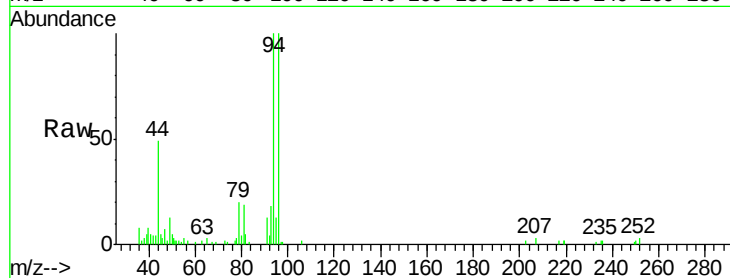
VSTDCCC005

Tgt Ion: 94 Resp: 9661

Ion Ratio Lower Upper

94 100

96 99.1 74.8 112.2



#6

Chloroethane

Concen: 5.737 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003747.D

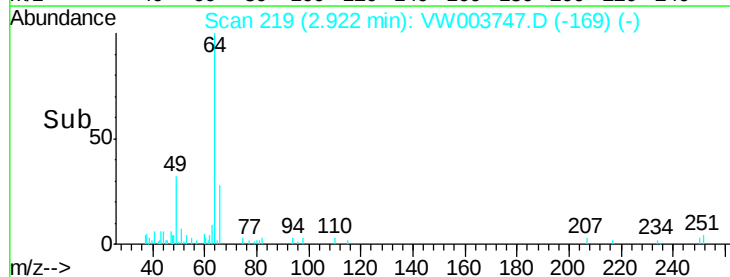
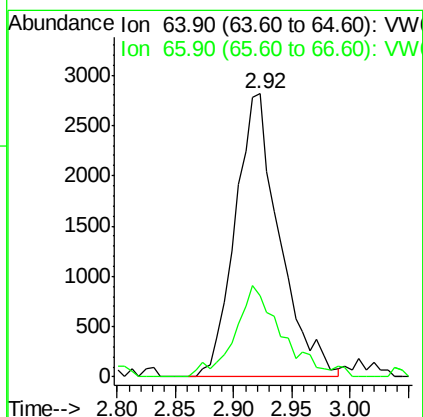
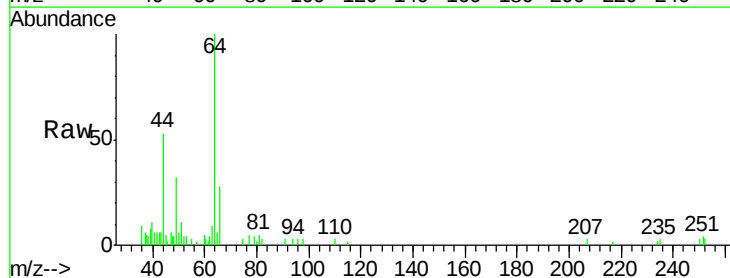
Acq: 06 Jul 2018 22:48

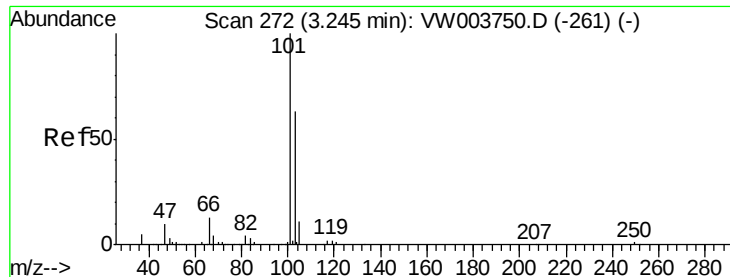
Tgt Ion: 64 Resp: 7441

Ion Ratio Lower Upper

64 100

66 28.5 25.1 37.7



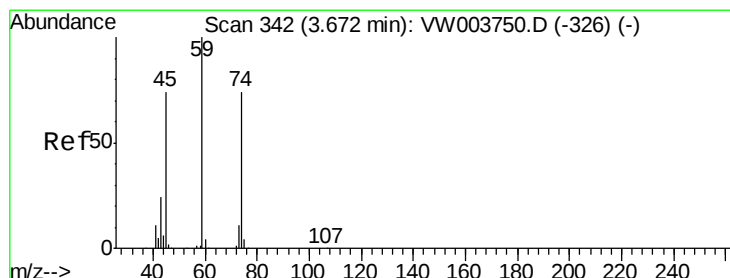
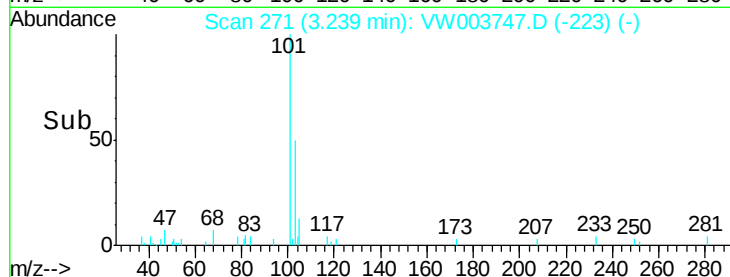
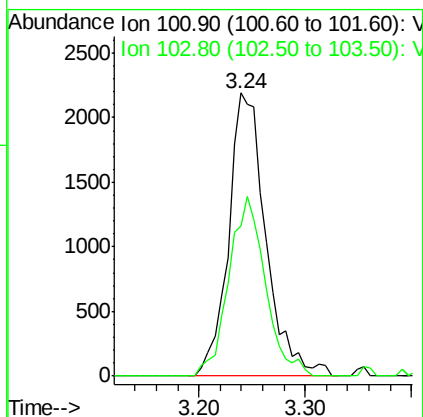
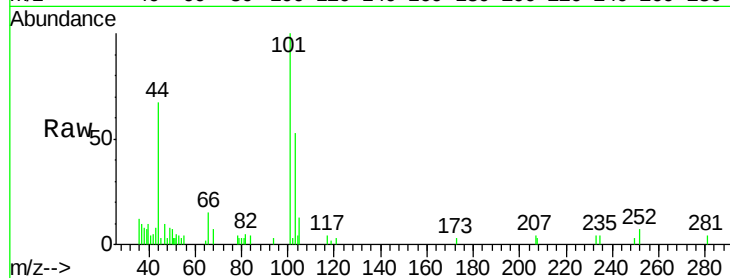


#7

Trichlorofluoromethane
Concen: 4.855 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003747.D
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VSTDCCC005

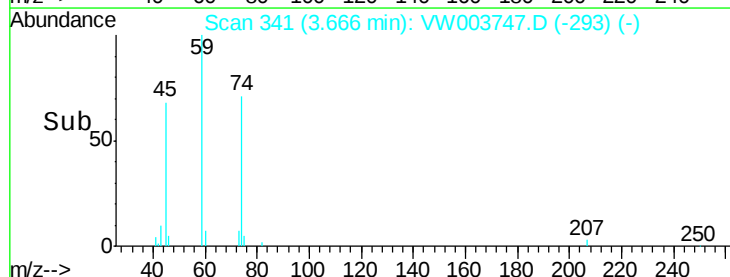
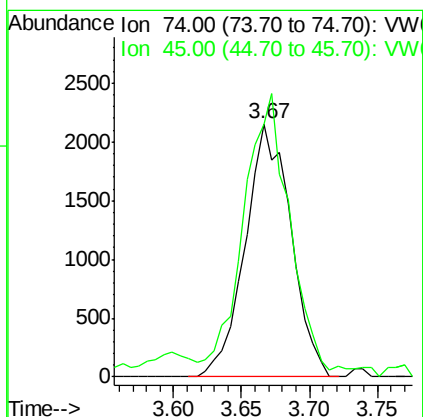
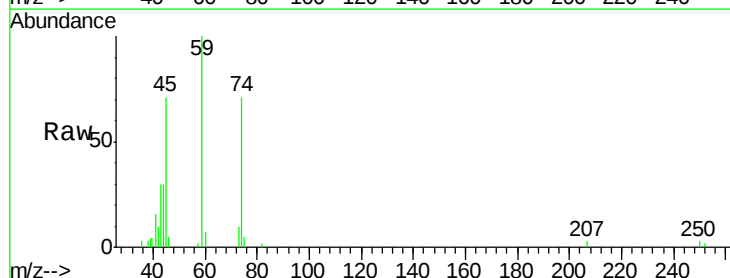
Tgt Ion: 101 Resp: 5371
Ion Ratio Lower Upper
101 100
103 53.1 50.7 76.1

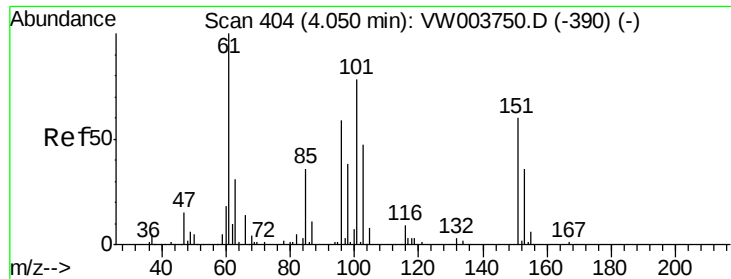


#8

Diethyl Ether
Concen: 4.909 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 74 Resp: 5065
Ion Ratio Lower Upper
74 100
45 117.1 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.912 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

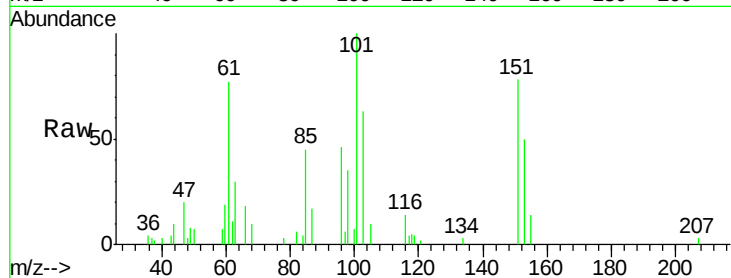
Tgt Ion:101 Resp: 9349

Ion Ratio Lower Upper

101 100

85 41.3 37.1 55.7

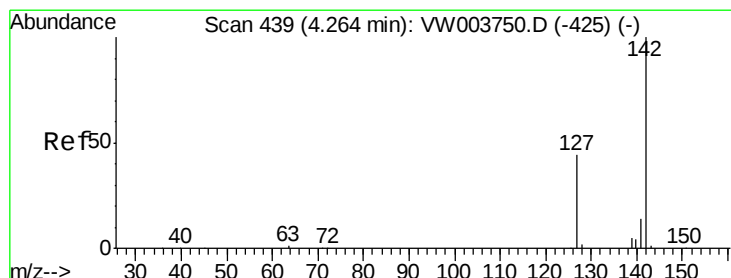
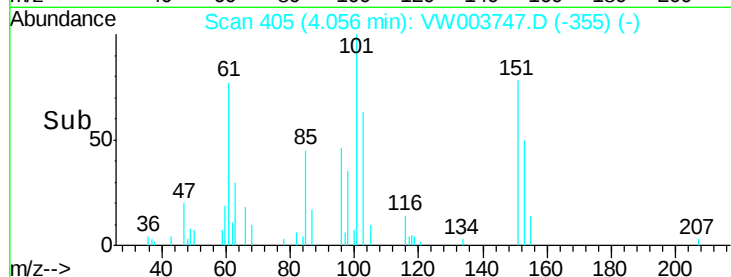
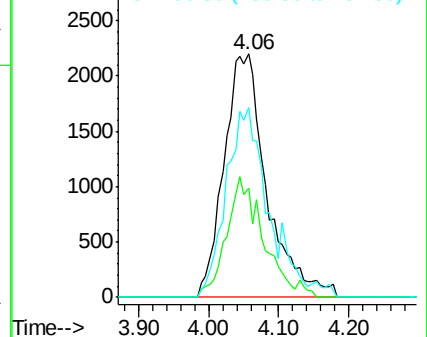
151 67.9 62.3 93.5



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: 4.319 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

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Acq: 06 Jul 2018 22:48

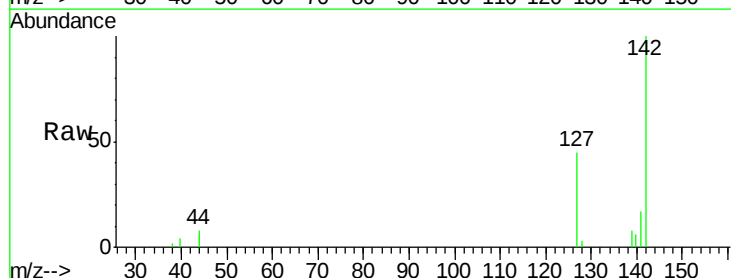
Tgt Ion:142 Resp: 12051

Ion Ratio Lower Upper

142 100

127 47.4 36.1 54.1

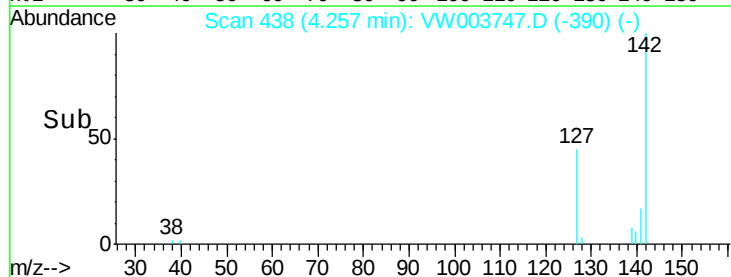
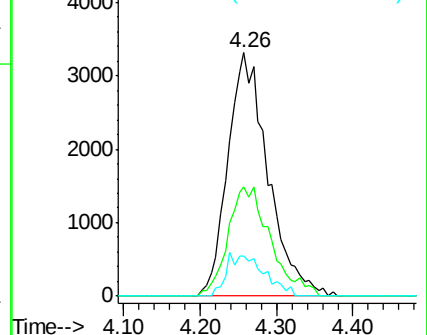
141 0.0 11.6 17.4#

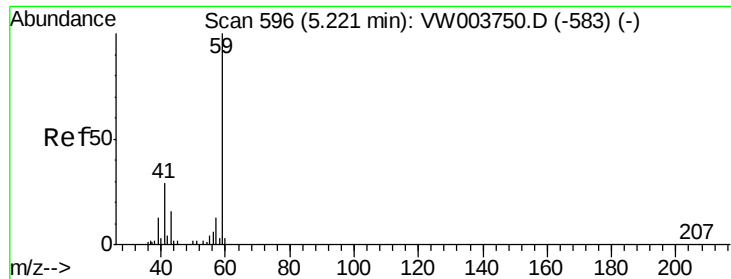


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

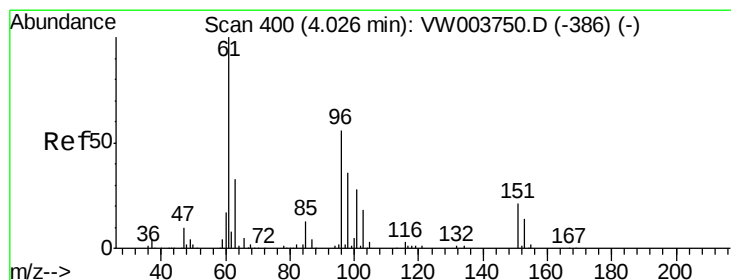
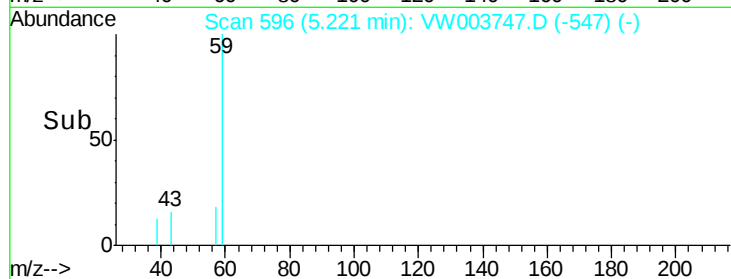
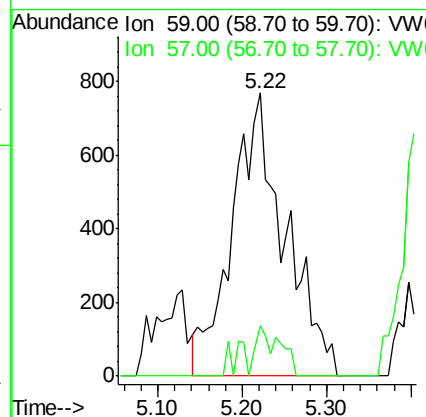
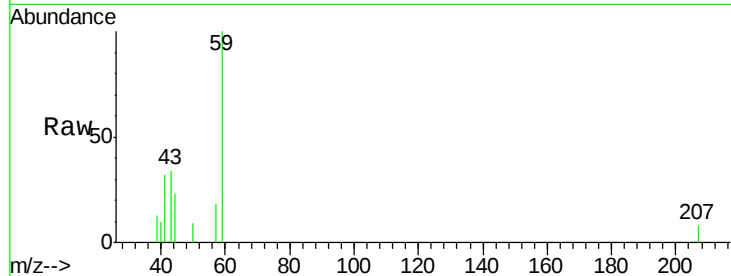




#11
Tert butyl alcohol
Concen: 22.469 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

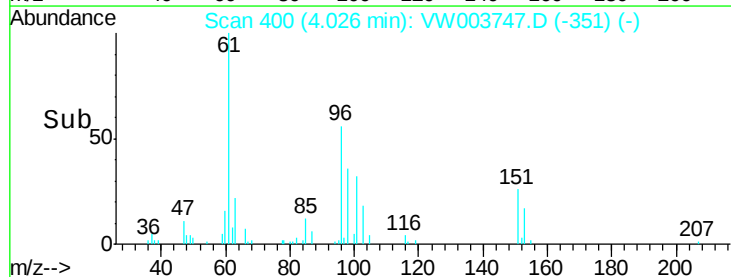
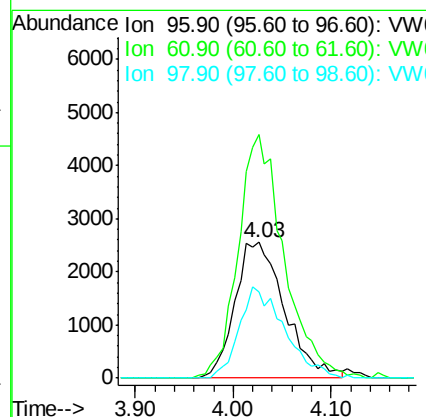
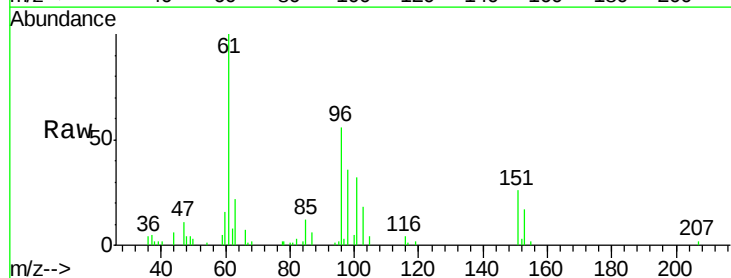
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

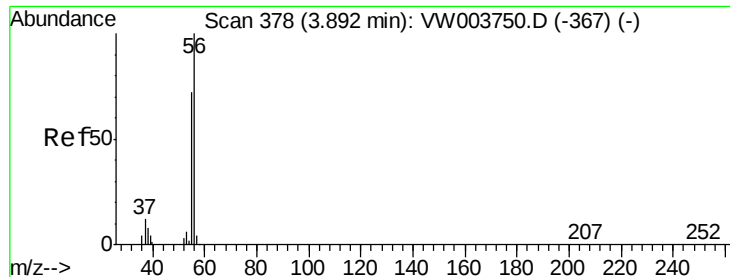
Tgt Ion: 59 Resp: 3296
Ion Ratio Lower Upper
59 100
57 4.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 4.762 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 96 Resp: 9004
Ion Ratio Lower Upper
96 100
61 179.3 143.2 214.8
98 63.9 51.4 77.0





#13

Acrolein

Concen: 45.679 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

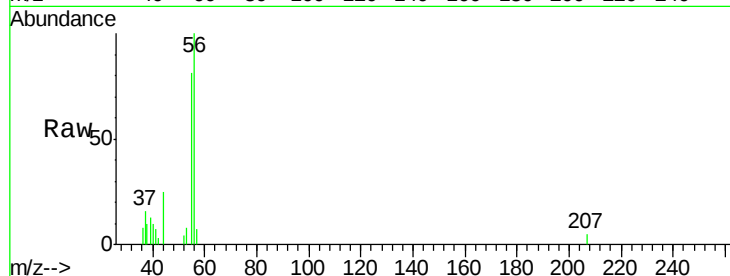
VSTDCCC005

Tgt Ion: 56 Resp: 4353

Ion Ratio Lower Upper

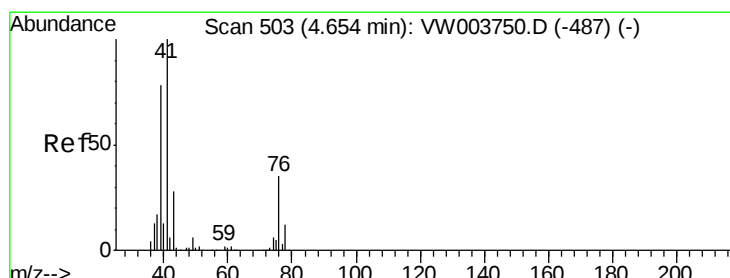
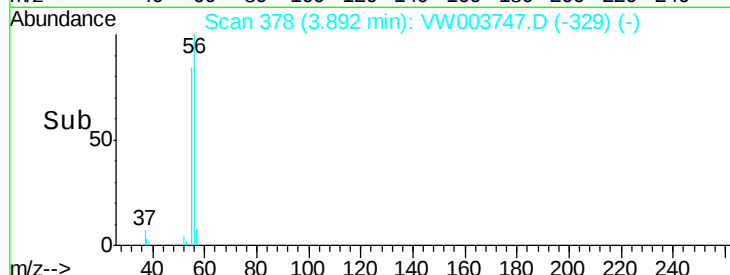
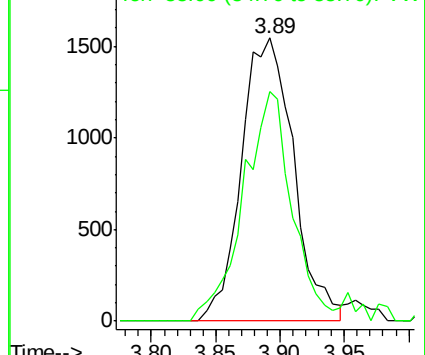
56 100

55 75.1 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.196 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

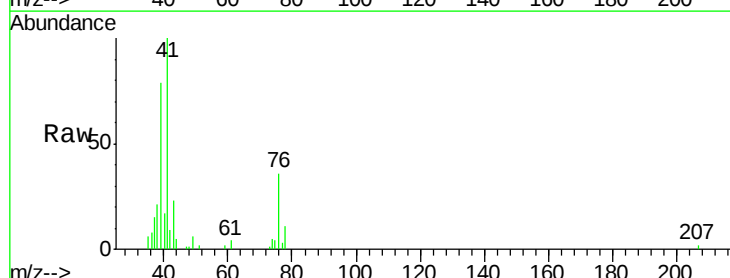
Tgt Ion: 41 Resp: 13583

Ion Ratio Lower Upper

41 100

39 81.1 60.9 91.3

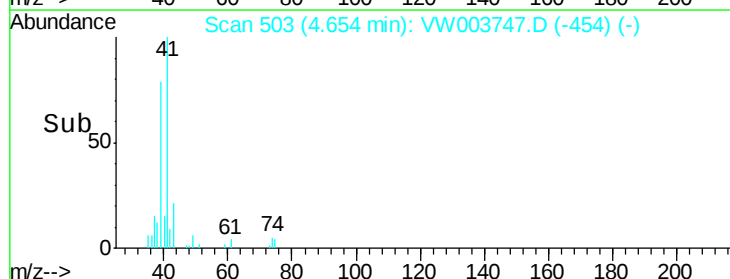
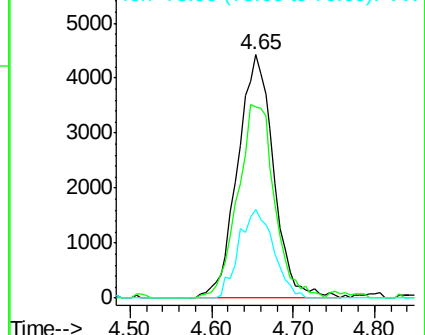
76 35.1 27.5 41.3

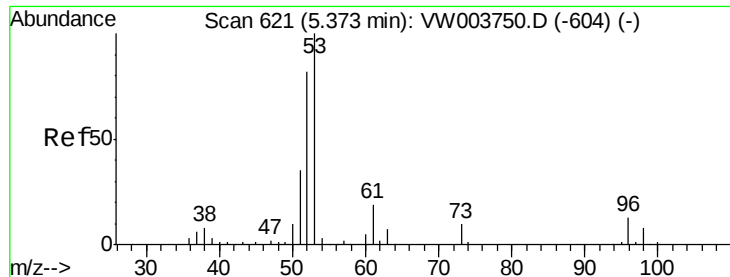


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

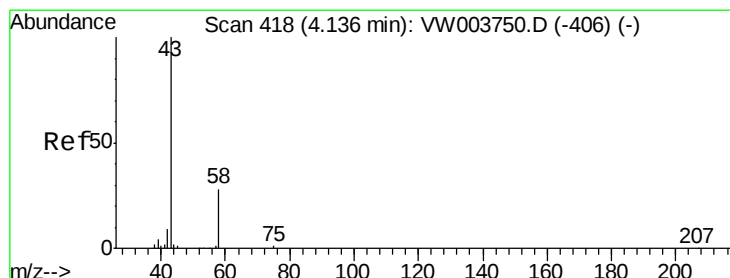
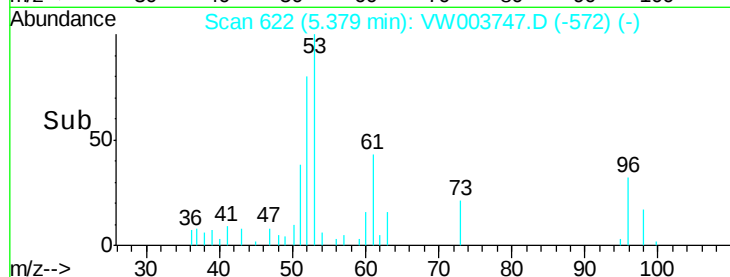
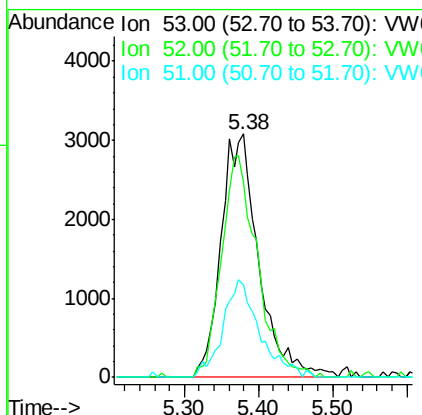
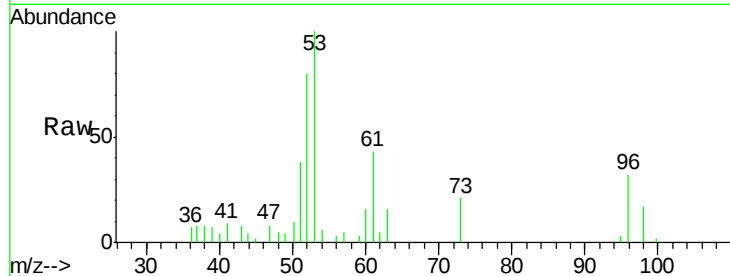




#15
 Acrylonitrile
 Concen: 21.834 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

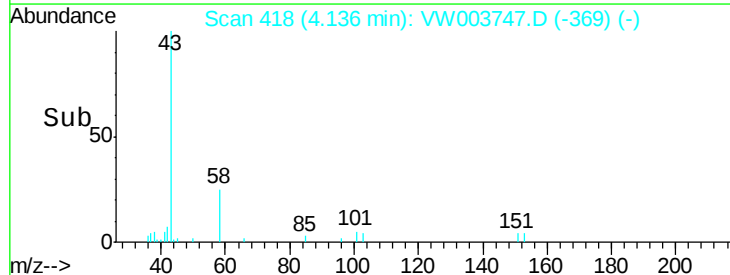
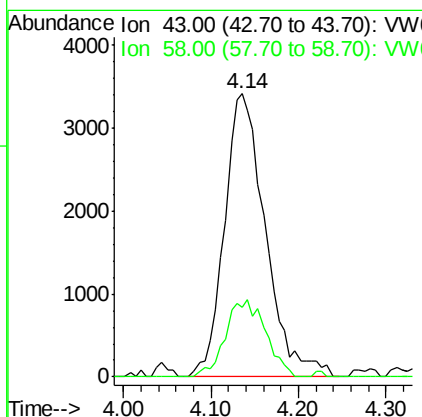
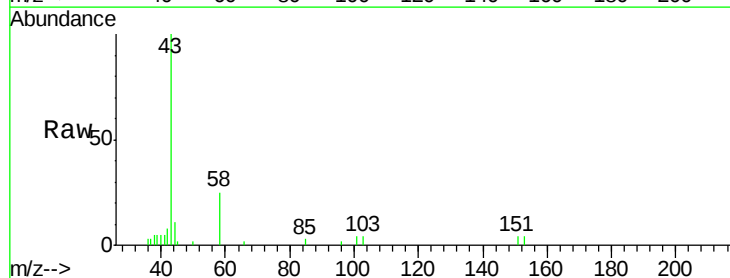
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

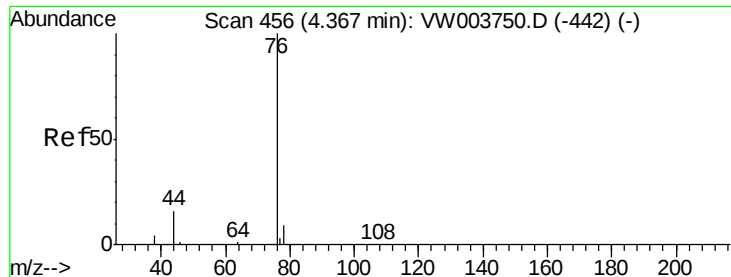
Tgt Ion: 53 Resp: 10889
 Ion Ratio Lower Upper
 53 100
 52 87.2 66.2 99.2
 51 38.8 30.2 45.4



#16
 Acetone
 Concen: 20.105 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 43 Resp: 11141
 Ion Ratio Lower Upper
 43 100
 58 24.8 22.6 34.0





#17

Carbon Disulfide

Concen: 4.926 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

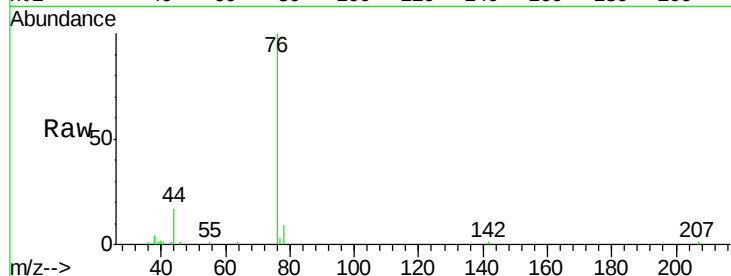
VSTDCCC005

Tgt Ion: 76 Resp: 27973

Ion Ratio Lower Upper

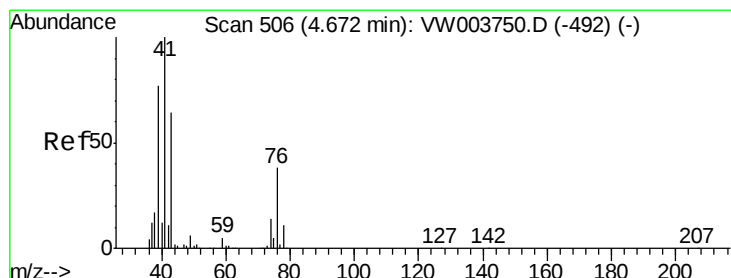
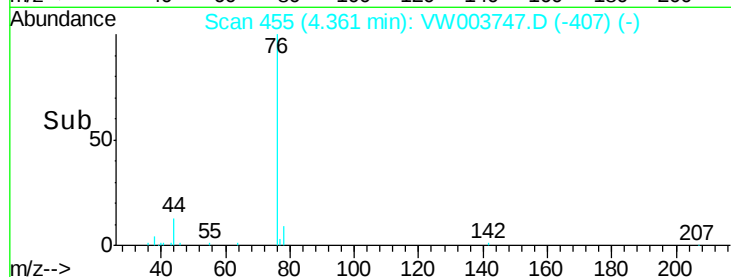
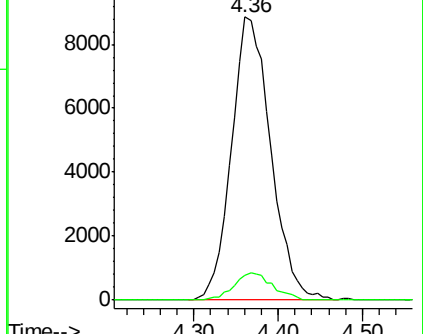
76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 4.072 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003747.D

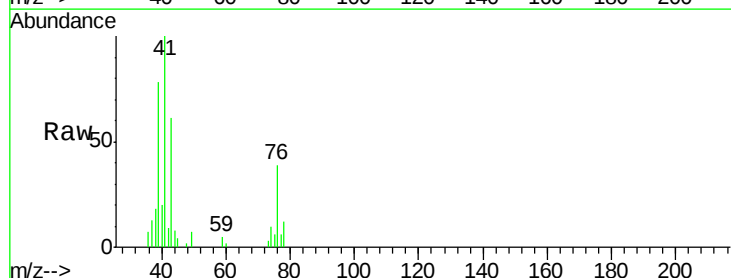
Acq: 06 Jul 2018 22:48

Tgt Ion: 43 Resp: 5603

Ion Ratio Lower Upper

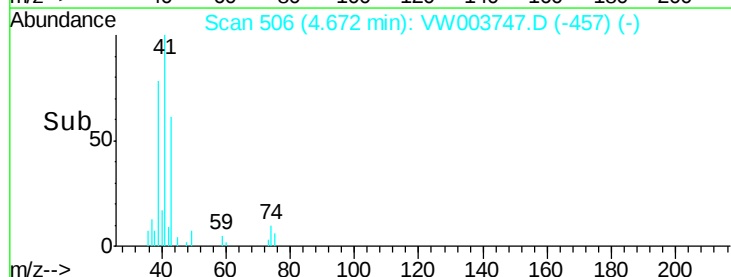
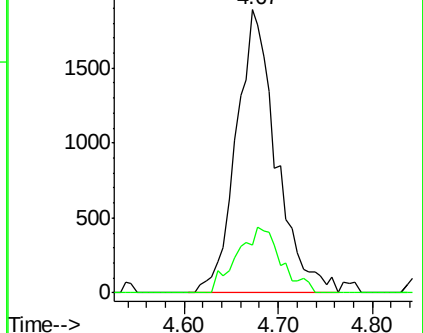
43 100

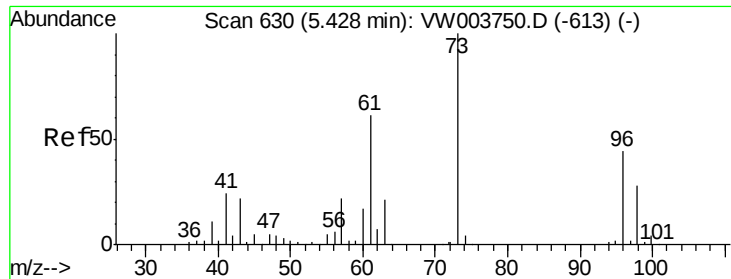
74 25.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

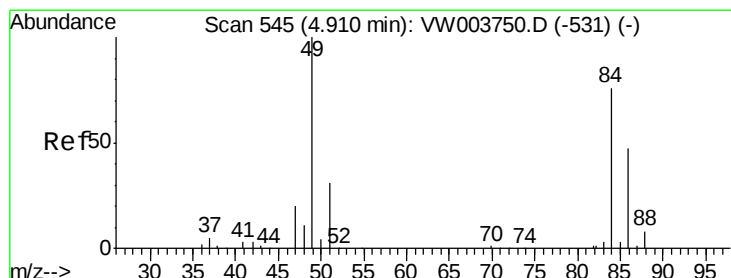
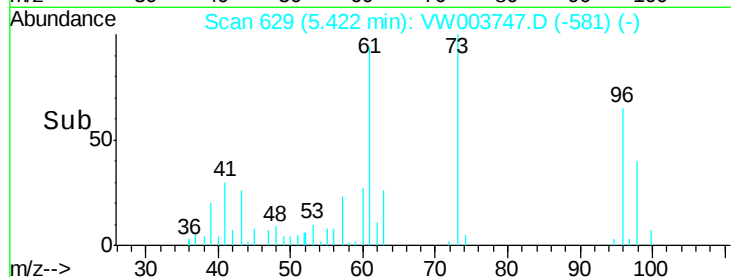
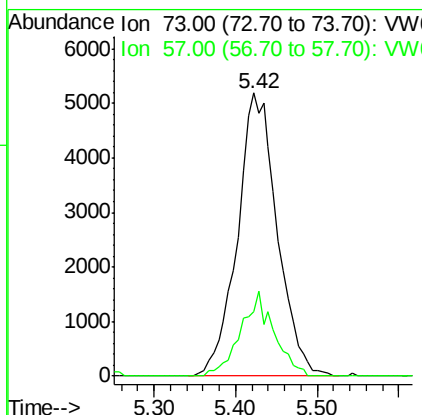
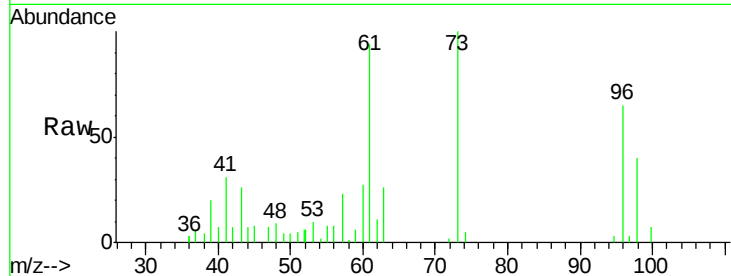




#19
Methyl tert-butyl Ether
Concen: 4.688 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

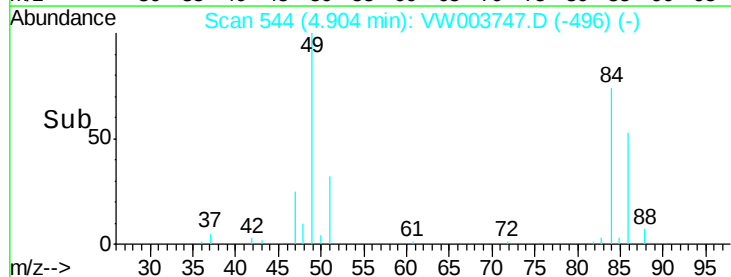
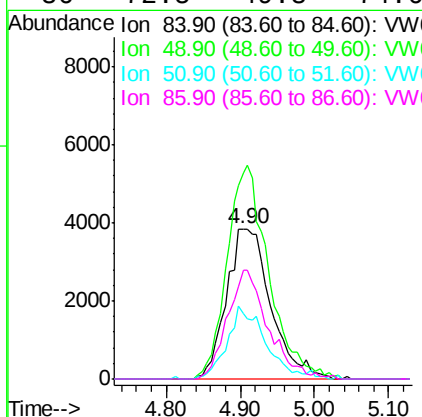
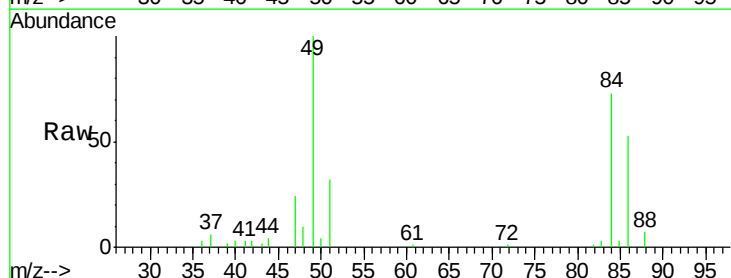
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

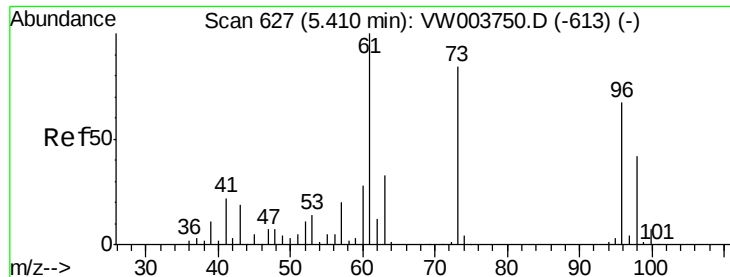
Tgt Ion: 73 Resp: 17584
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 6.229 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 84 Resp: 15983
Ion Ratio Lower Upper
84 100
49 137.8 105.1 157.7
51 43.5 32.5 48.7
86 72.5 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 5.183 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

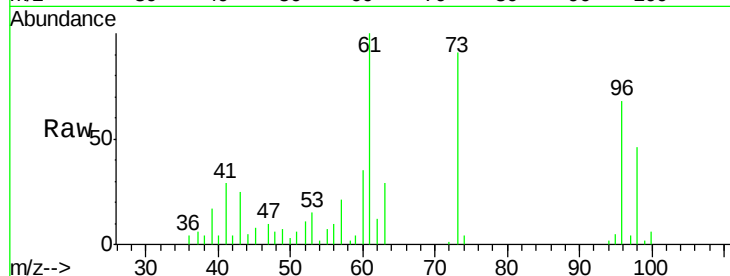
Tgt Ion: 96 Resp: 10795

Ion Ratio Lower Upper

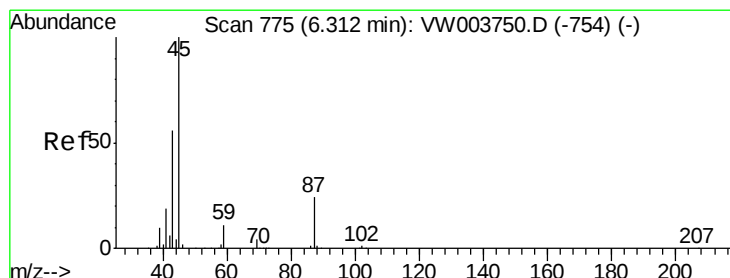
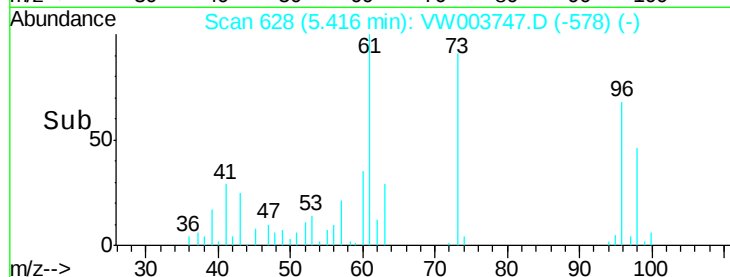
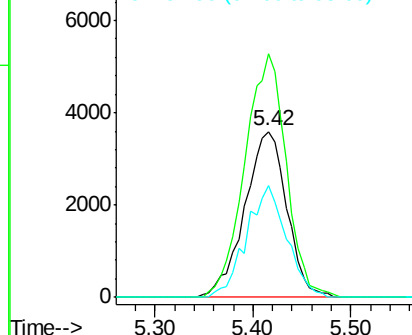
96 100

61 146.5 119.0 178.6

98 67.6 49.8 74.8



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



#22

Diisopropyl ether

Concen: 4.952 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion: 45 Resp: 33261

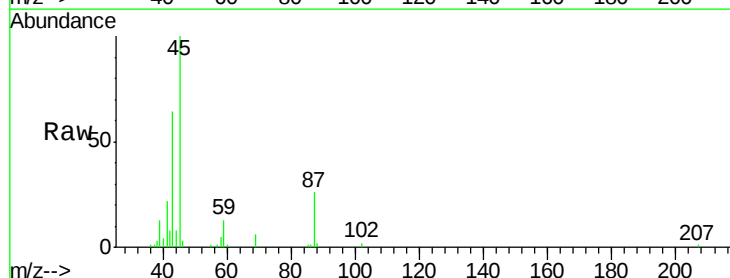
Ion Ratio Lower Upper

45 100

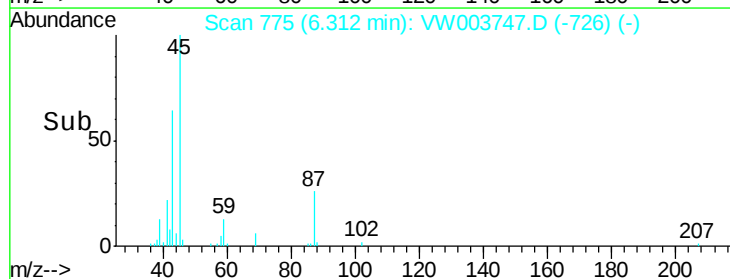
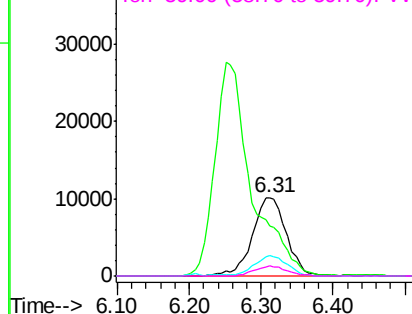
43 63.4 44.5 66.7

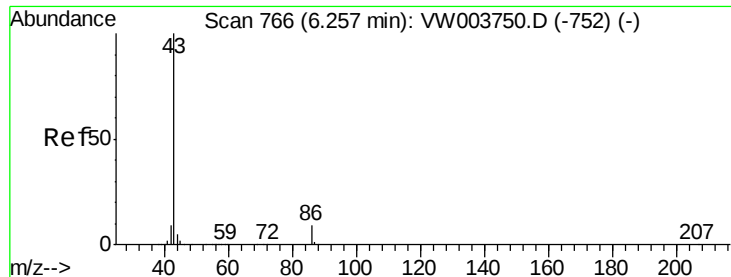
87 25.9 19.6 29.4

59 12.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 23.937 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

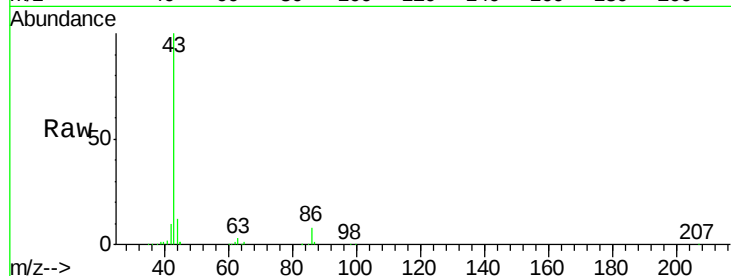
VSTDCCC005

Tgt Ion: 43 Resp: 97980

Ion Ratio Lower Upper

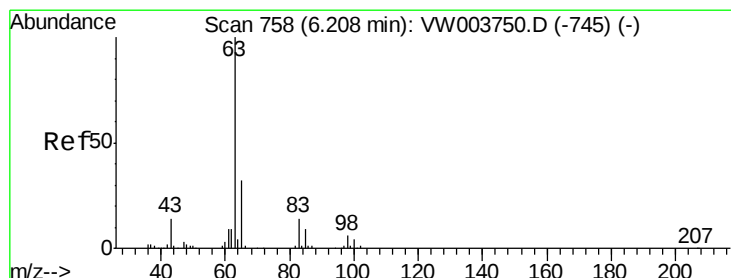
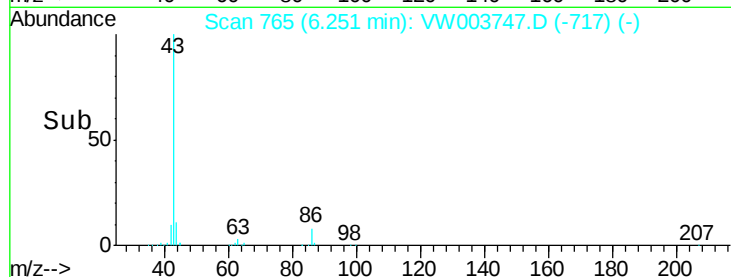
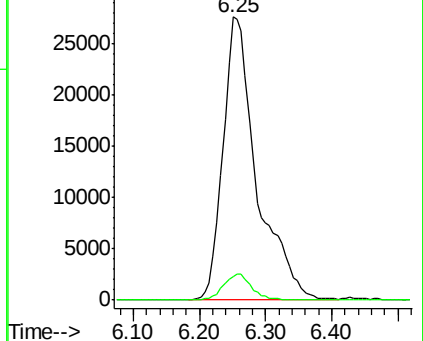
43 100

86 8.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 5.828 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

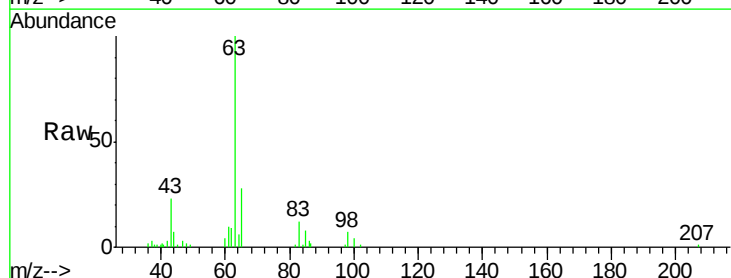
Tgt Ion: 63 Resp: 23263

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

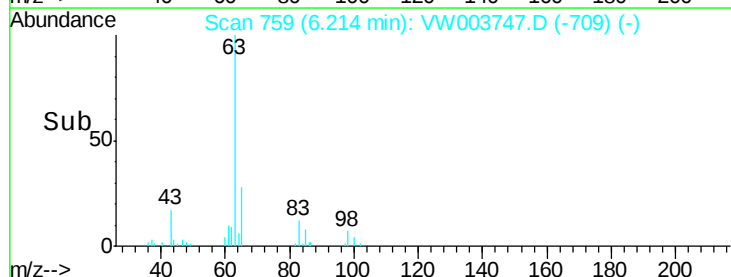
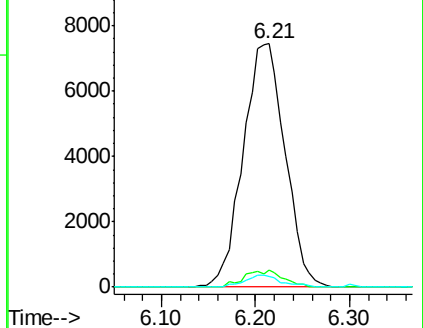
100 4.3 2.1 6.2

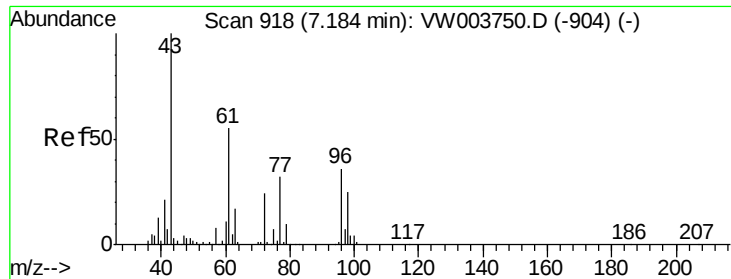


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 24.361 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

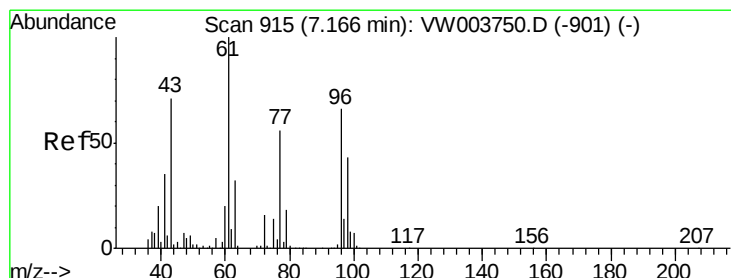
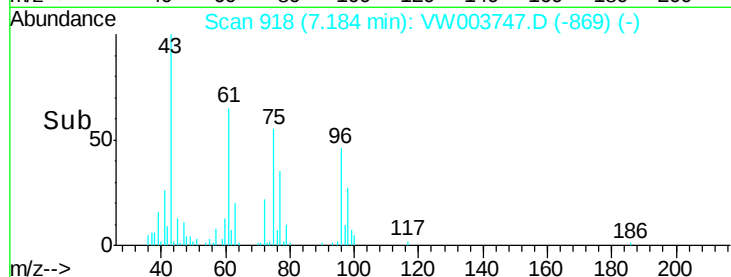
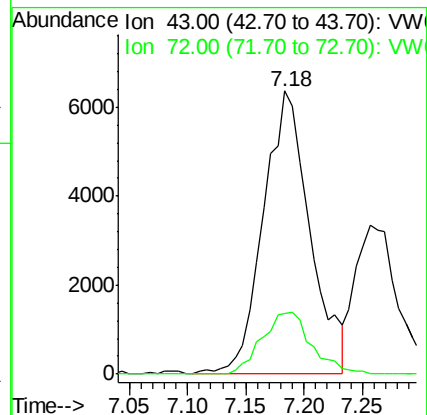
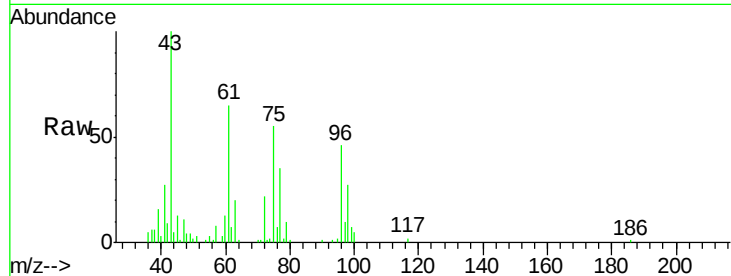
VSTDCCC005

Tgt Ion: 43 Resp: 17699

Ion Ratio Lower Upper

43 100

72 21.6 19.4 29.2



#26

2,2-Dichloropropane

Concen: 5.551 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003747.D

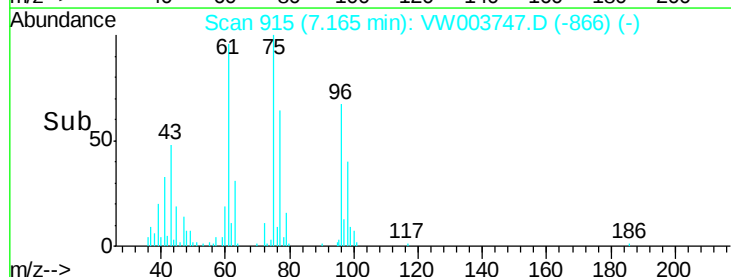
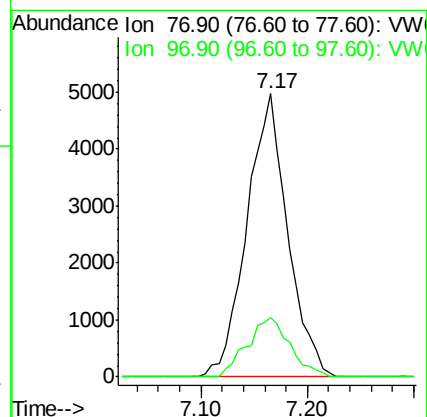
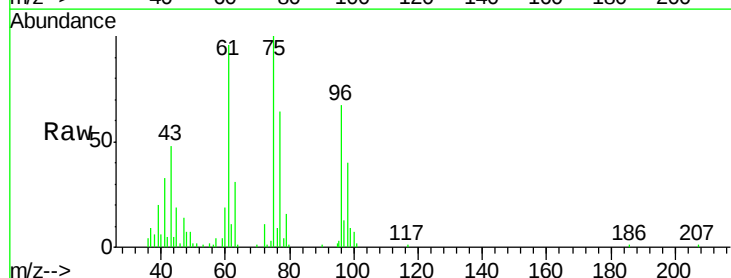
Acq: 06 Jul 2018 22:48

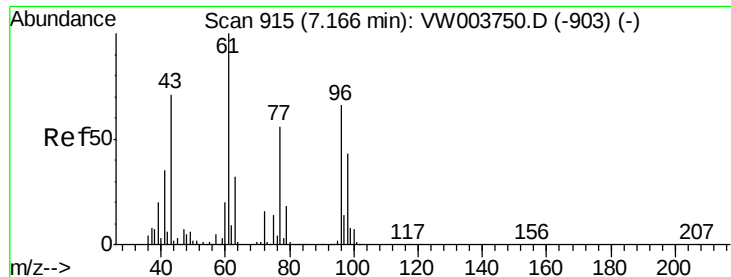
Tgt Ion: 77 Resp: 13342

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5



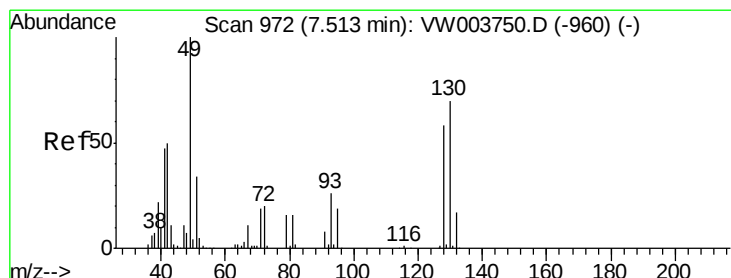
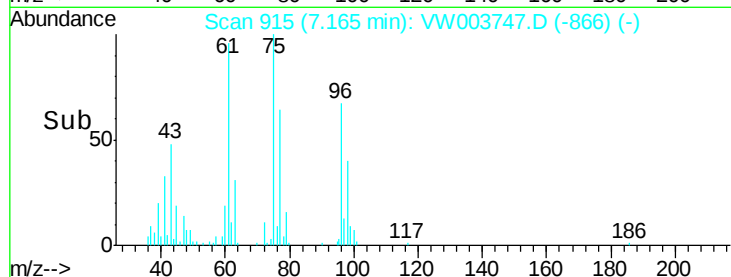
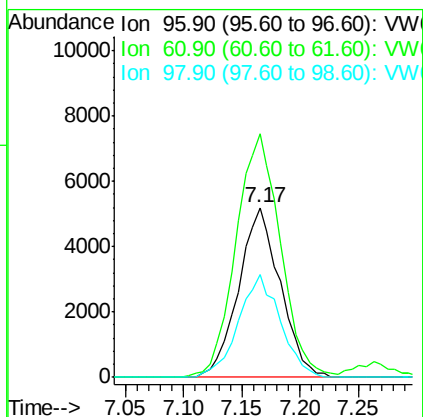
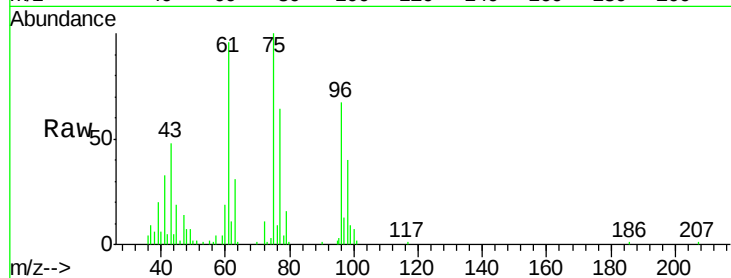


#27

cis-1,2-Dichloroethene
Concen: 5.670 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

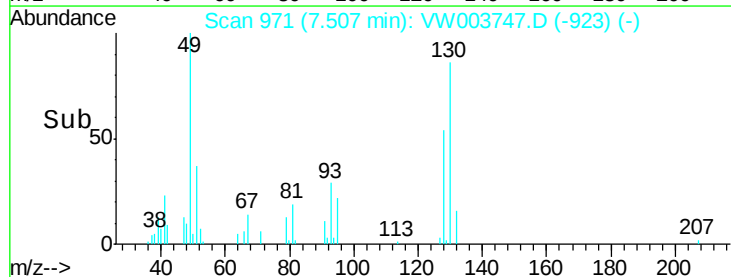
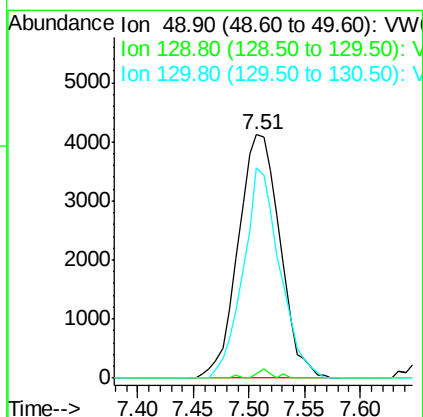
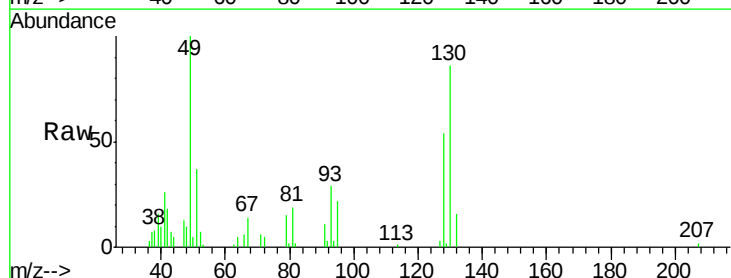
Tgt Ion: 96 Resp: 12904
Ion Ratio Lower Upper
96 100
61 153.3 0.0 300.8
98 60.8 0.0 128.6

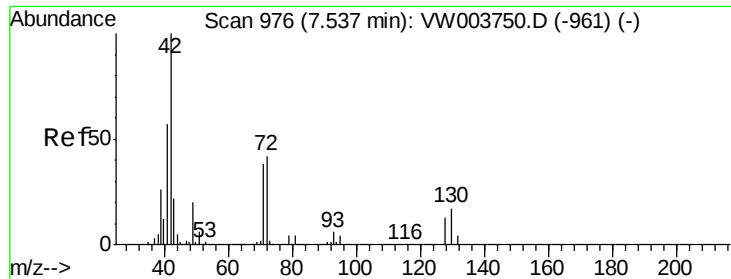


#28

Bromochloromethane
Concen: 6.172 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 49 Resp: 10764
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.4
130 75.6 56.9 85.3

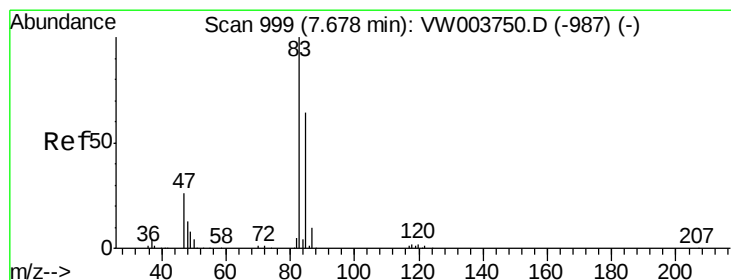
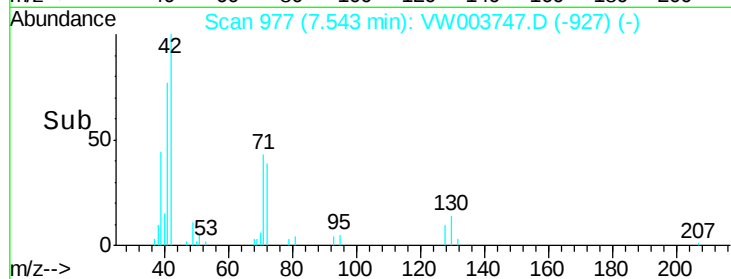
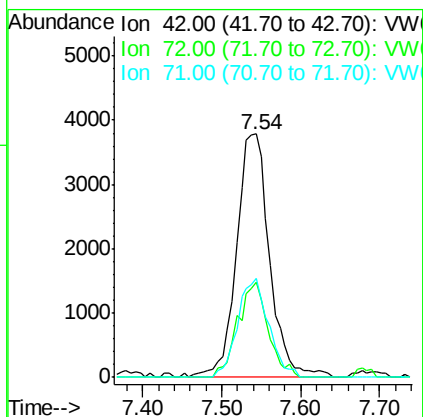
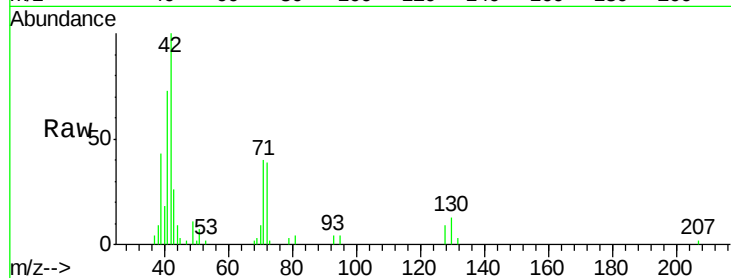




#29
Tetrahydrofuran
Concen: 25.075 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

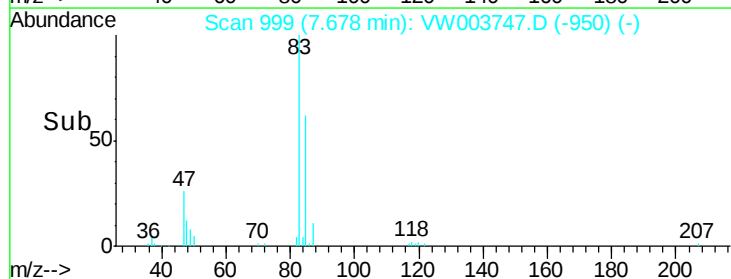
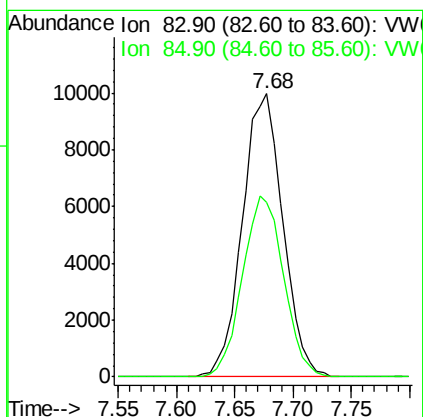
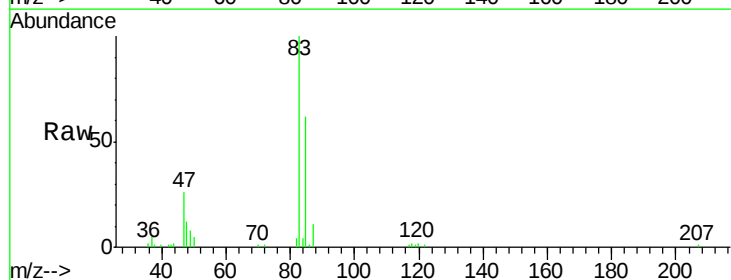
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

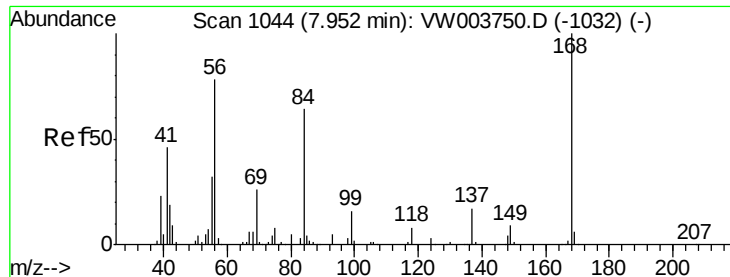
Tgt Ion: 42 Resp: 11045
Ion Ratio Lower Upper
42 100
72 36.0 31.8 47.8
71 37.8 30.3 45.5



#30
Chloroform
Concen: 5.960 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 83 Resp: 24095
Ion Ratio Lower Upper
83 100
85 61.6 51.5 77.3

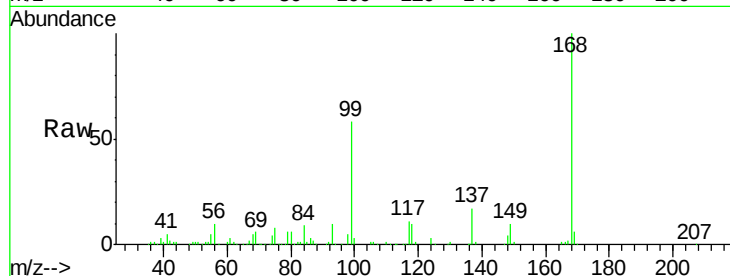




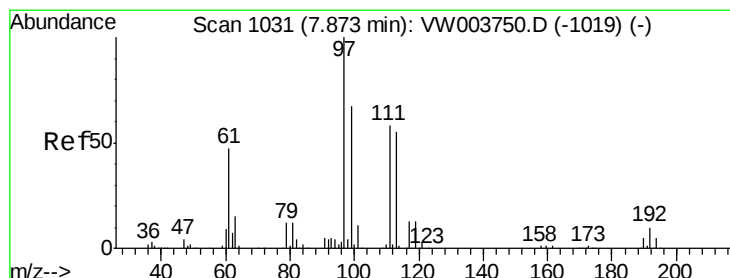
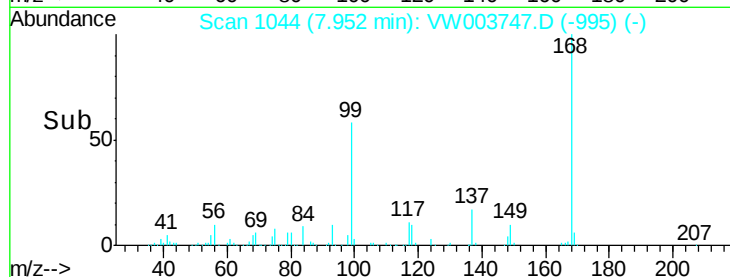
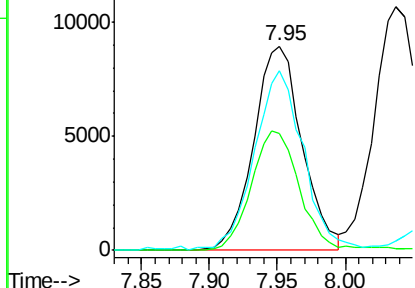
#31
Cyclohexane
Concen: 6.165 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tgt Ion: 56 Resp: 22257
Ion Ratio Lower Upper
56 100
69 57.1 26.2 39.4#
84 87.8 65.5 98.3

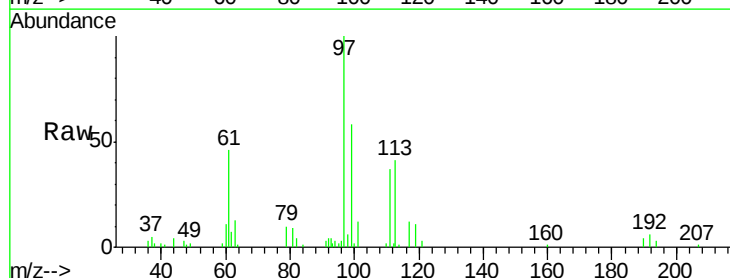


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

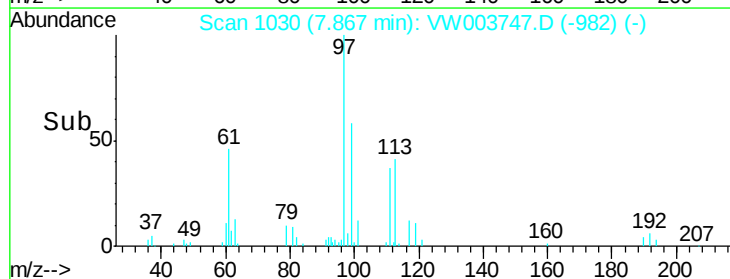
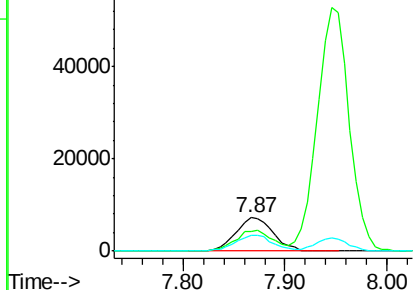


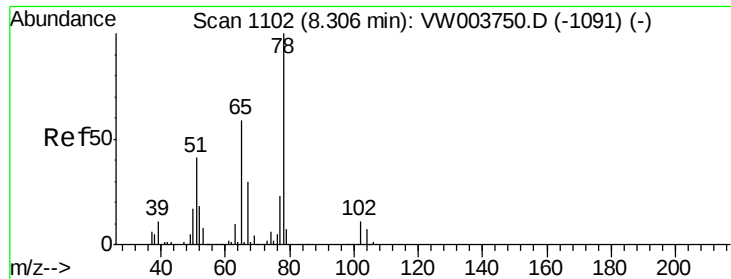
#32
1,1,1-Trichloroethane
Concen: 5.861 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 97 Resp: 18381
Ion Ratio Lower Upper
97 100
99 62.1 51.2 76.8
61 47.1 37.6 56.4



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

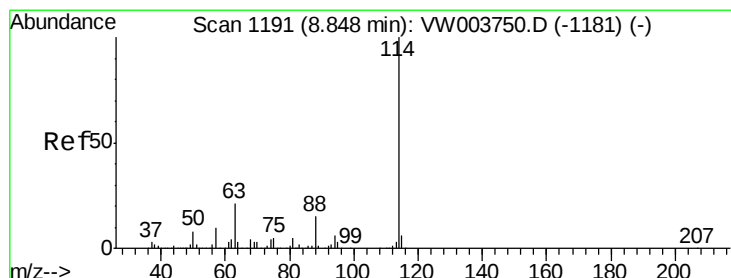
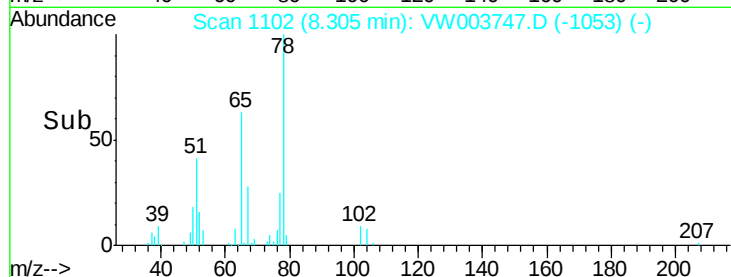
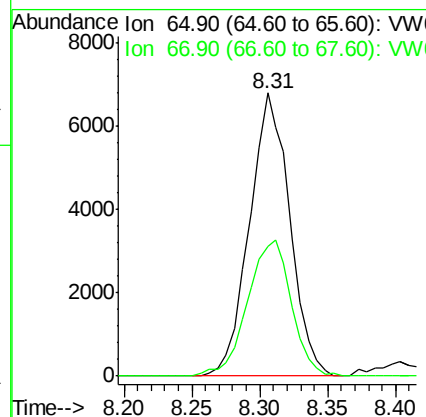
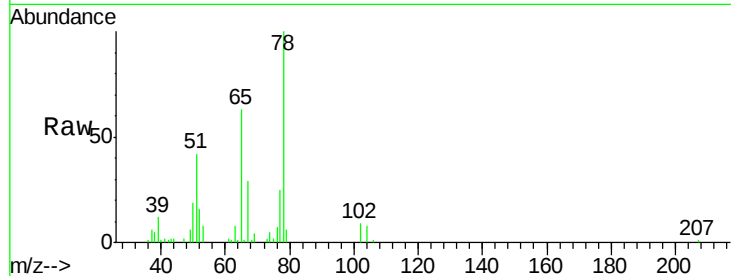




#33
 1,2-Dichloroethane-d4
 Concen: 5.890 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

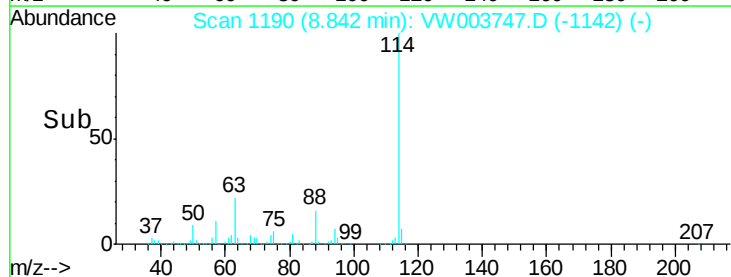
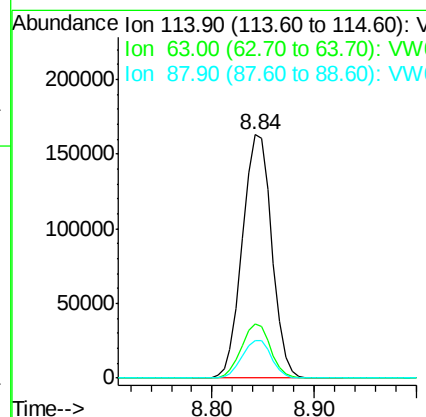
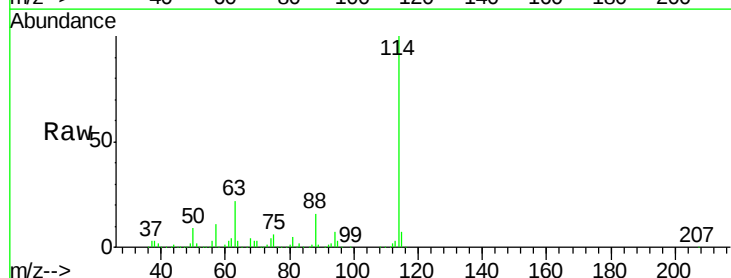
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

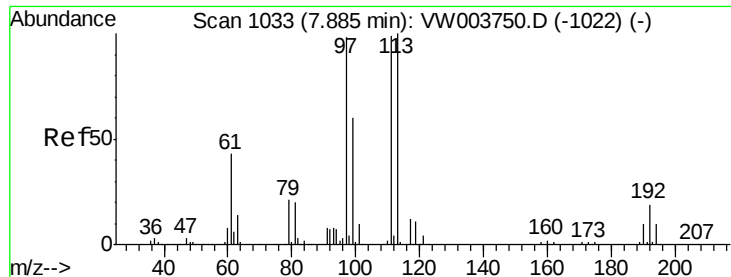
Tgt Ion: 65 Resp: 14060
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 114 Resp: 326271
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 15.7 0.0 30.2

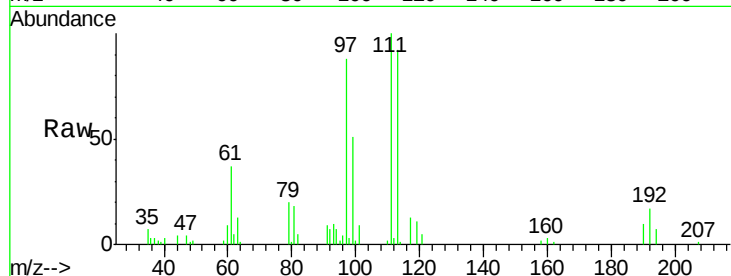




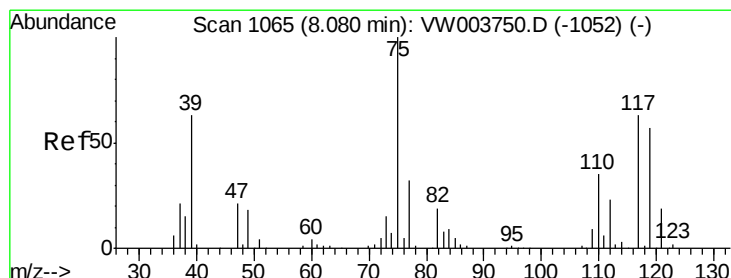
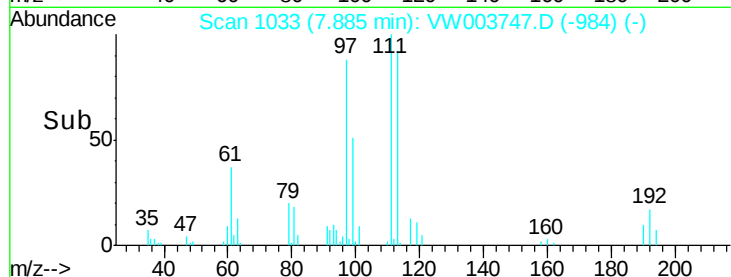
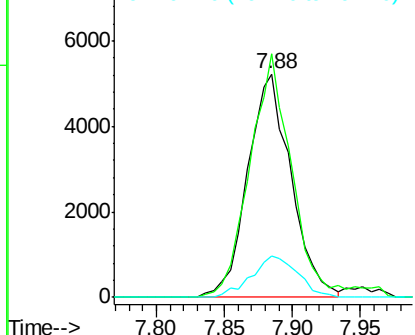
#35
 Dibromofluoromethane
 Concen: 5.428 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tgt Ion: 113 Resp: 11664
 Ion Ratio Lower Upper
 113 100
 111 107.8 81.7 122.5
 192 19.7 15.8 23.8

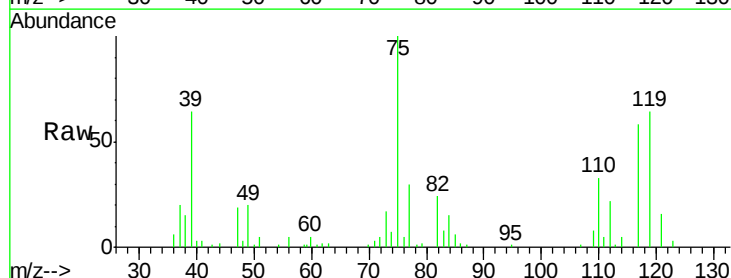


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

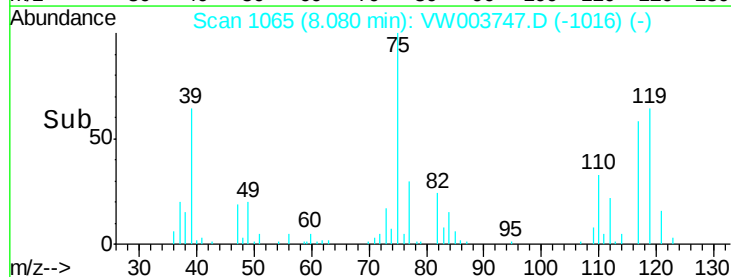
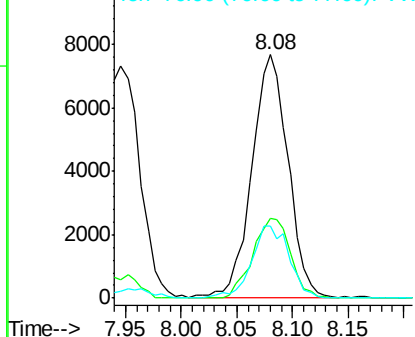


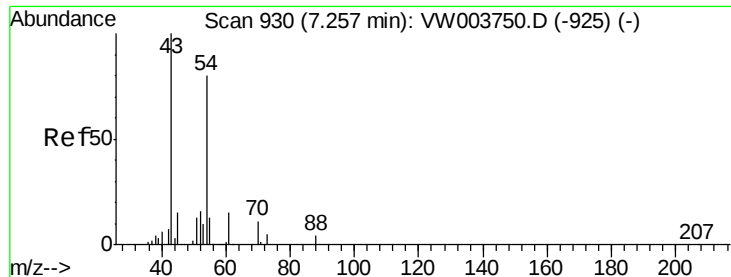
#36
 1,1-Dichloropropene
 Concen: 5.286 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 75 Resp: 17464
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 30.6 24.8 37.2



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

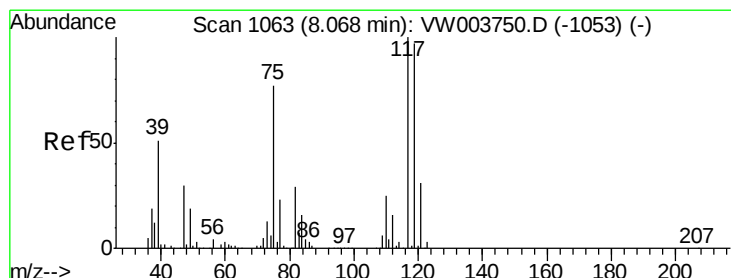
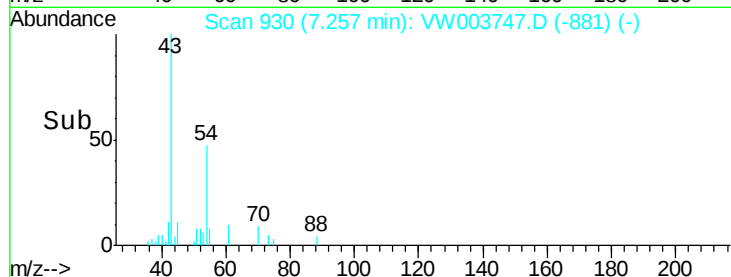
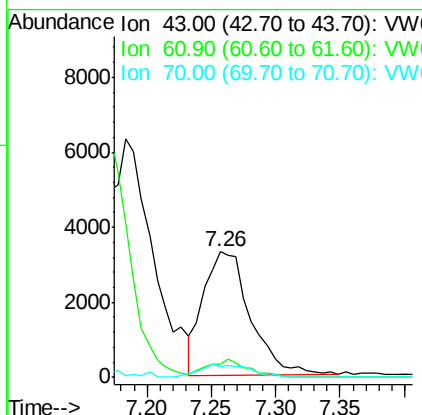
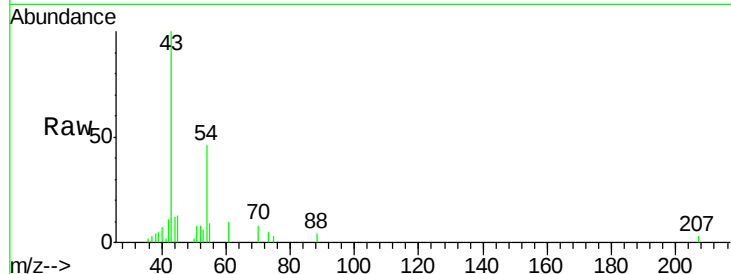




#37
Ethyl Acetate
Concen: 5.175 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

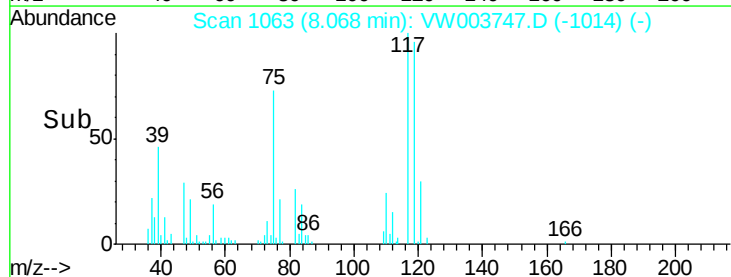
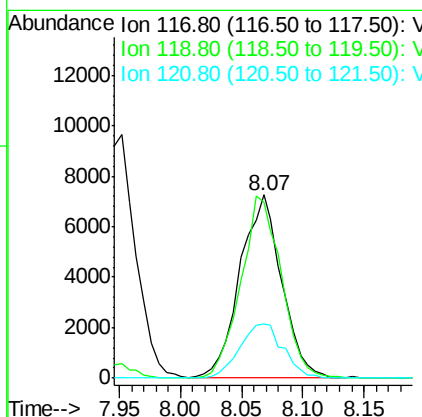
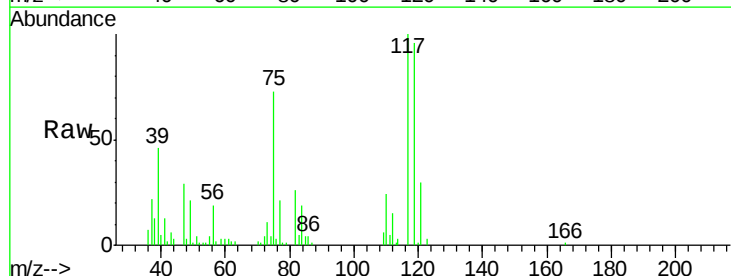
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

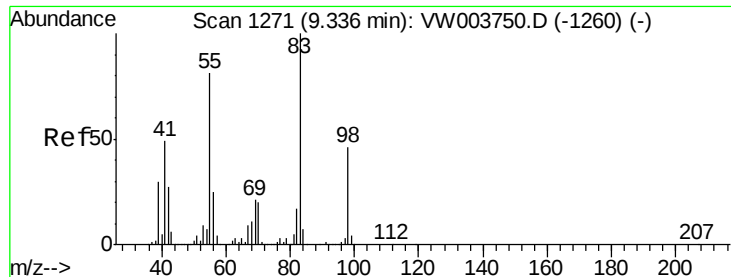
Tgt Ion: 43 Resp: 8392
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 11.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 117 Resp: 17200
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
121 29.7 24.6 37.0

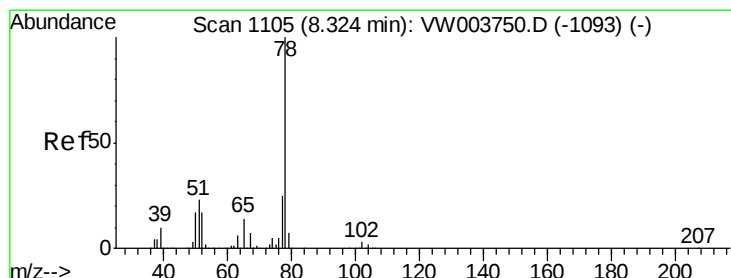
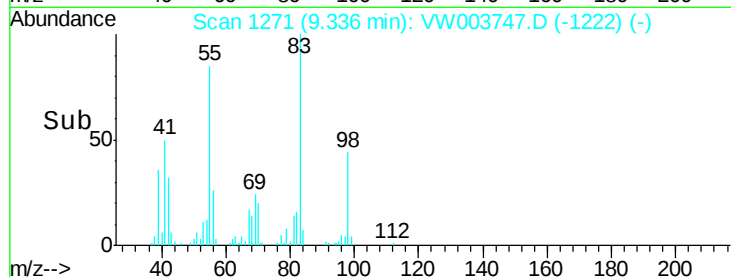
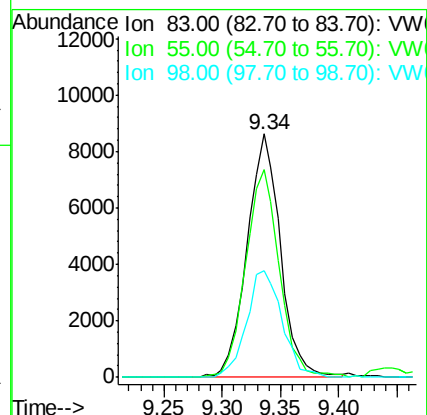
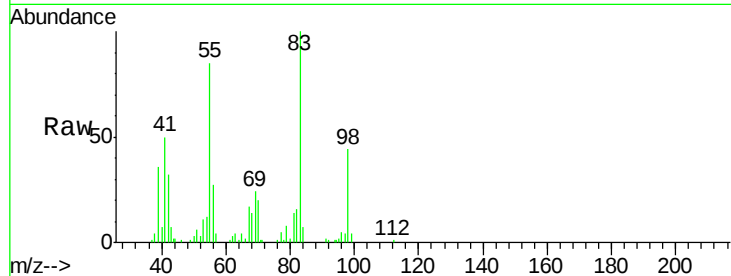




#39
Methylcyclohexane
Concen: 4.547 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

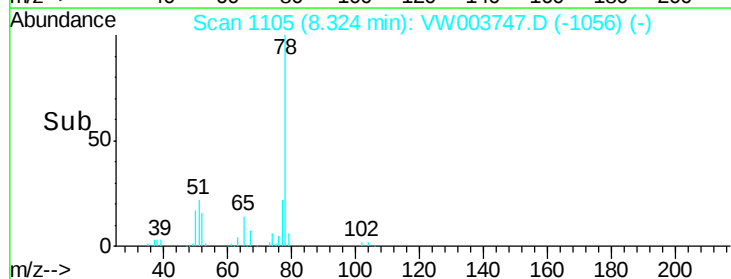
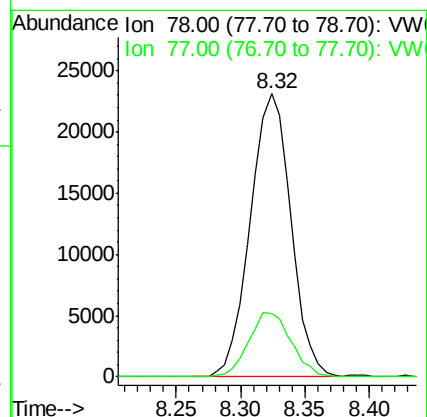
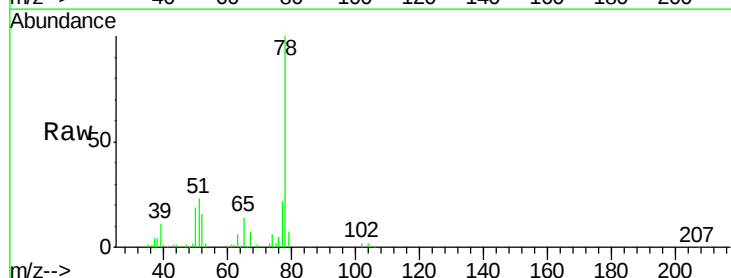
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

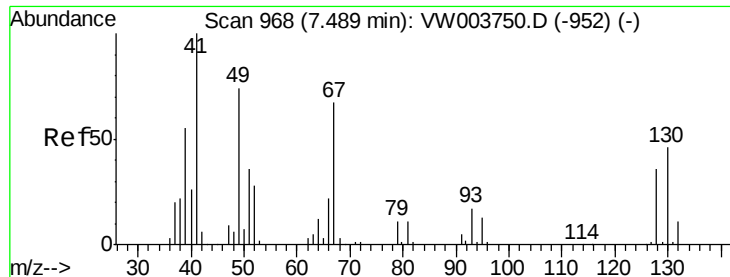
Tgt Ion: 83 Resp: 17196
Ion Ratio Lower Upper
83 100
55 85.1 65.1 97.7
98 44.0 36.7 55.1



#40
Benzene
Concen: 5.425 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 78 Resp: 50542
Ion Ratio Lower Upper
78 100
77 22.3 19.7 29.5

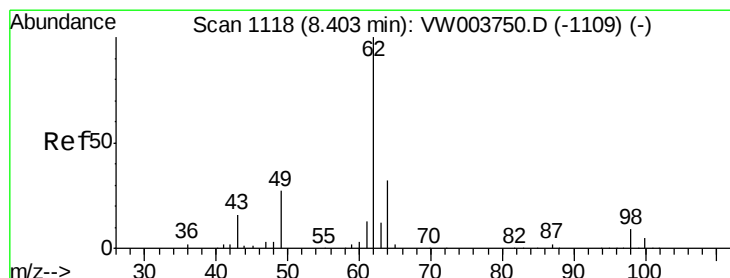
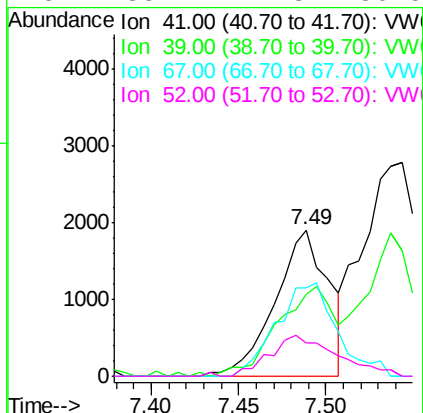
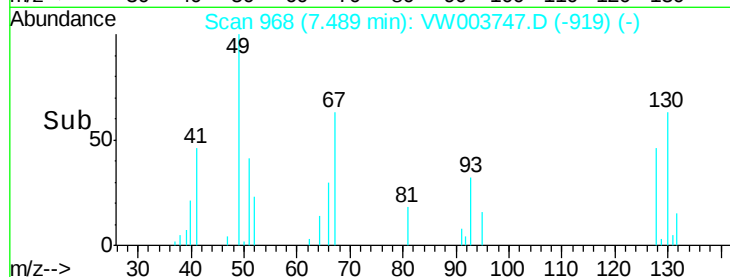
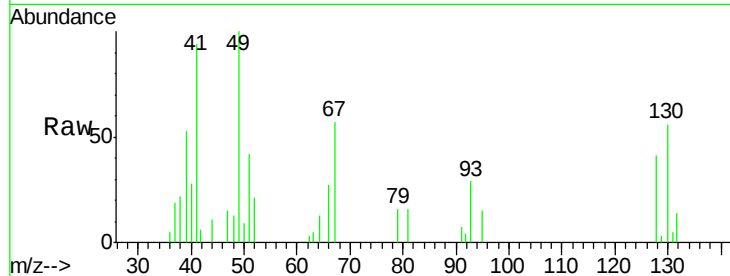




#41
Methacrylonitrile
Concen: 4.395 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

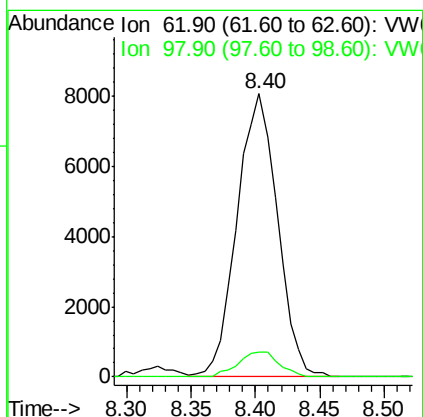
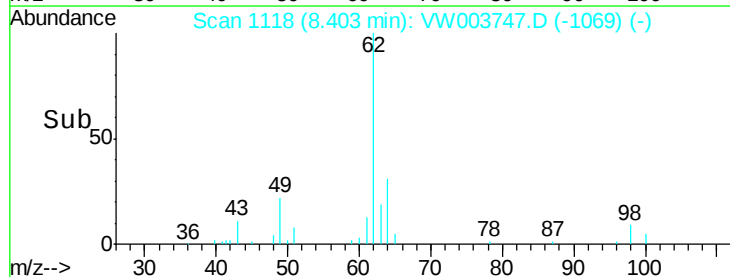
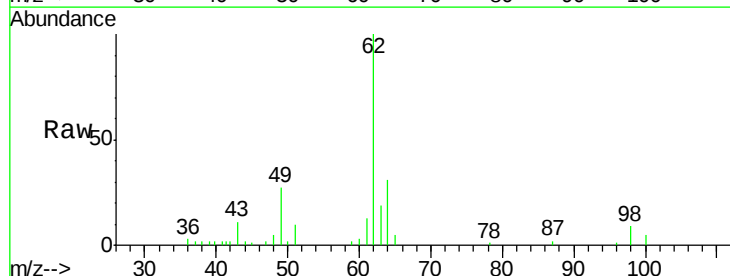
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

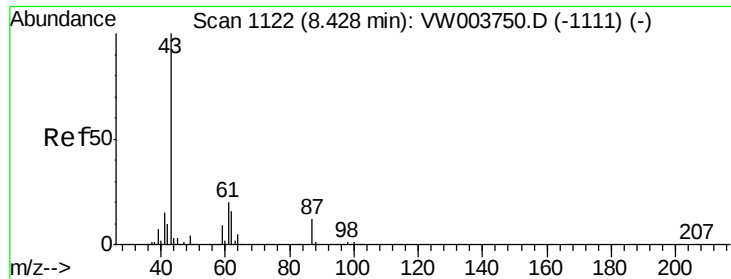
Tgt Ion: 41 Resp: 4066
Ion Ratio Lower Upper
41 100
39 63.9 49.5 74.3
67 72.0 53.8 80.8
52 35.2 24.3 36.5



#42
1,2-Dichloroethane
Concen: 5.958 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 62 Resp: 17594
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.4





#43

Isopropyl Acetate

Concen: 5.033 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

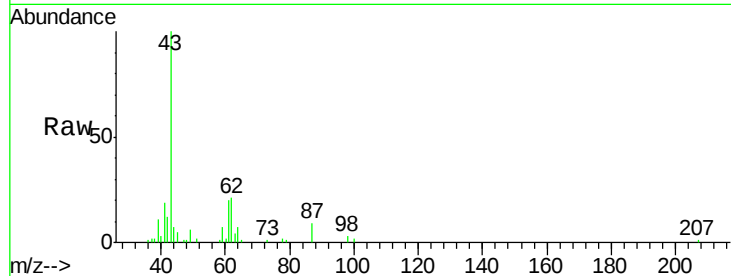
Tgt Ion: 43 Resp: 15438

Ion Ratio Lower Upper

43 100

61 29.4 22.8 34.2

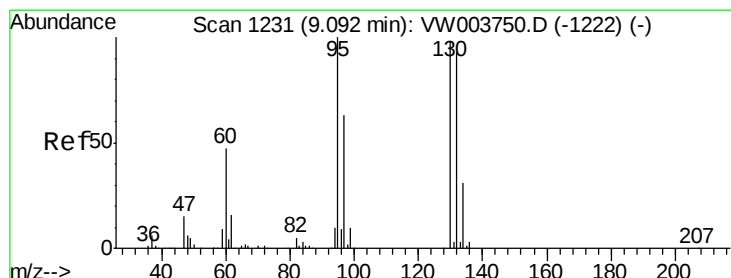
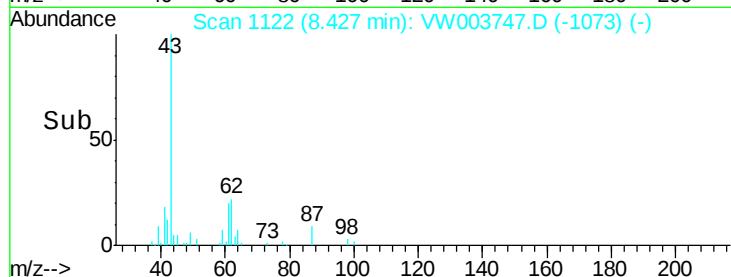
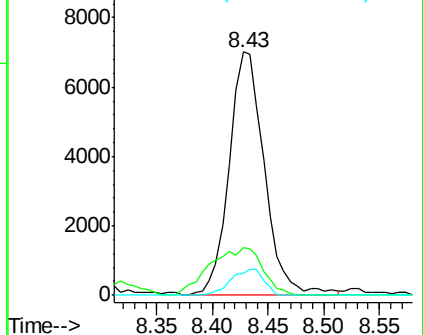
87 10.0 9.5 14.3



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: 5.208 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003747.D

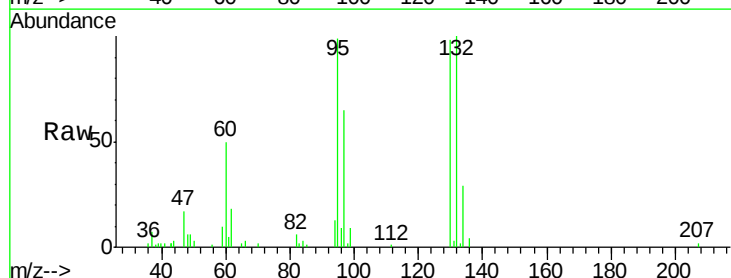
Acq: 06 Jul 2018 22:48

Tgt Ion: 130 Resp: 12520

Ion Ratio Lower Upper

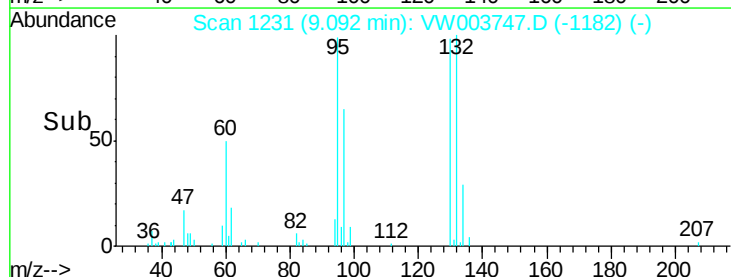
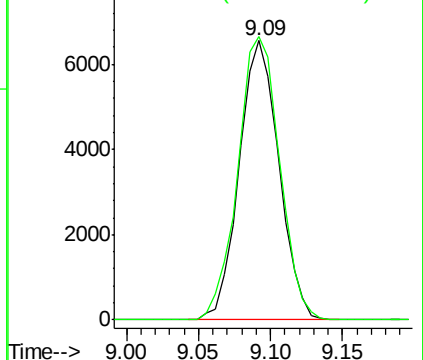
130 100

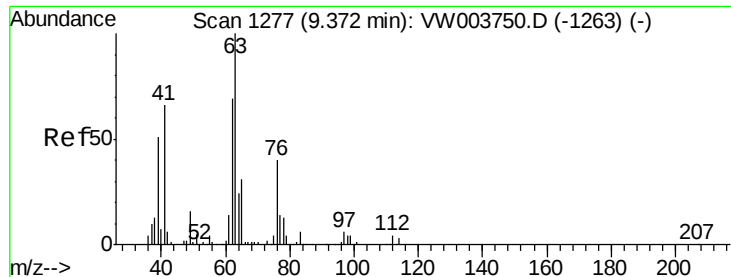
95 101.3 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

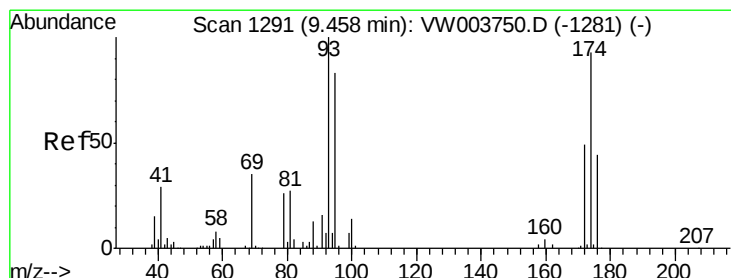
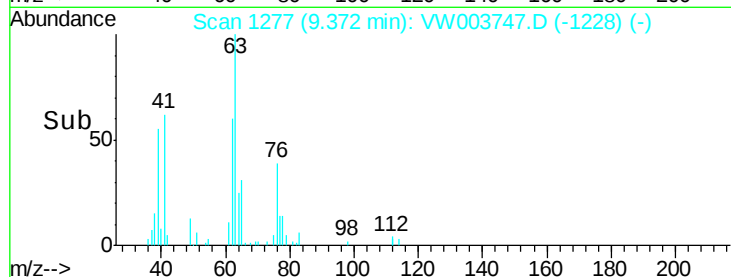
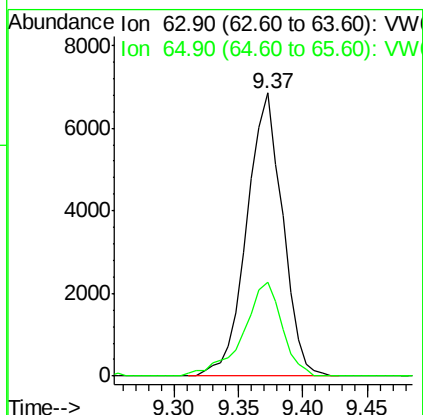
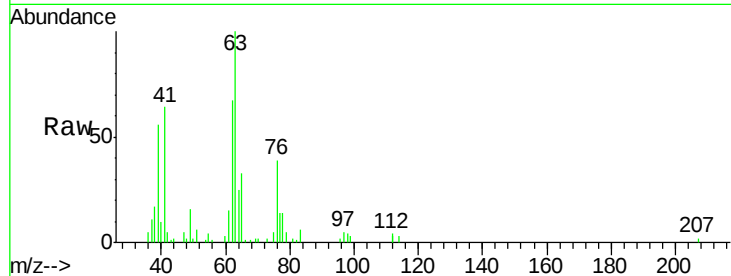




#45
 1,2-Dichloropropane
 Concen: 5.439 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

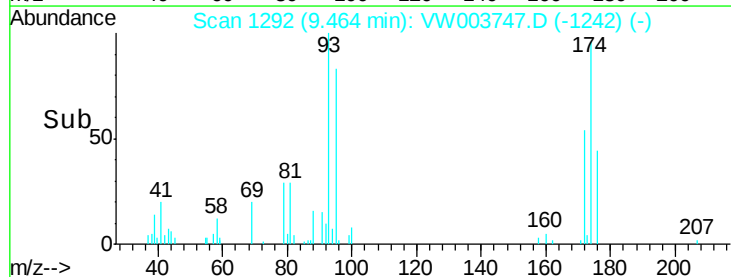
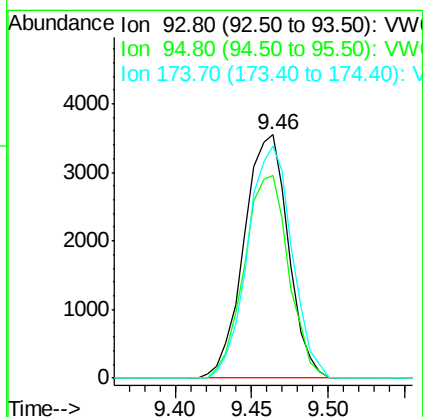
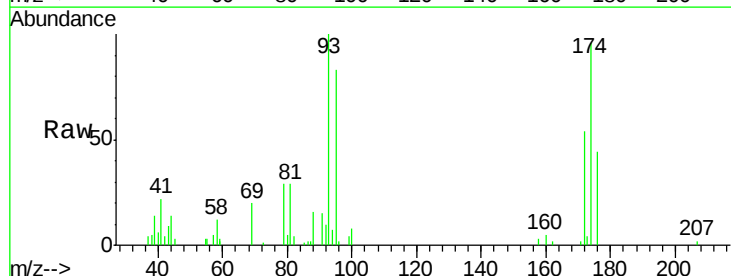
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

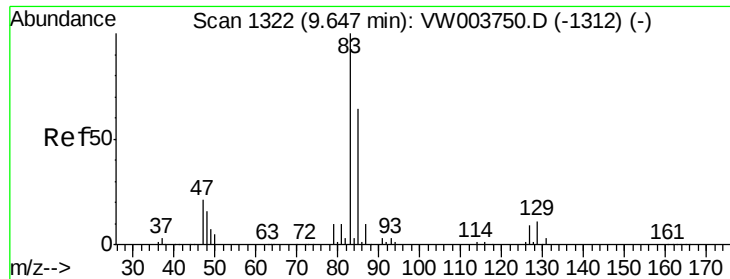
Tgt Ion: 63 Resp: 13176
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.9 37.3



#46
 Dibromomethane
 Concen: 5.643 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 93 Resp: 7133
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 95.4 78.1 117.1

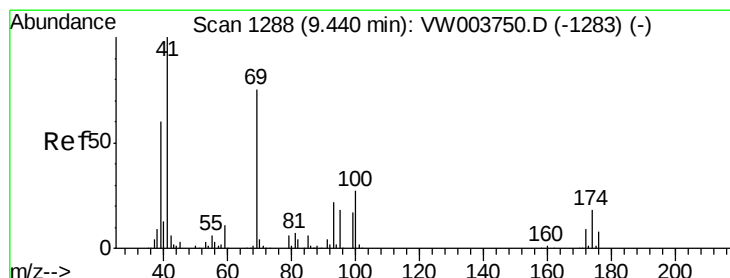
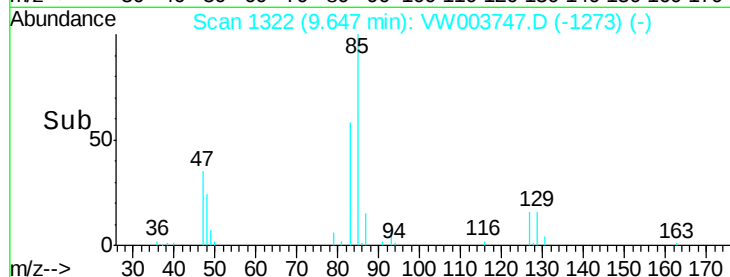
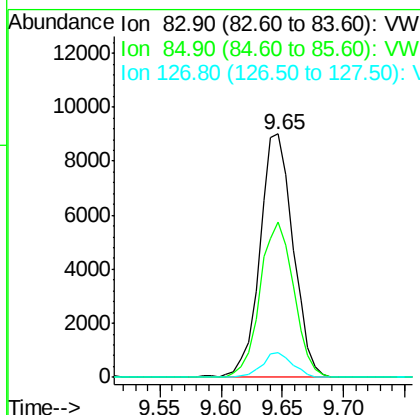
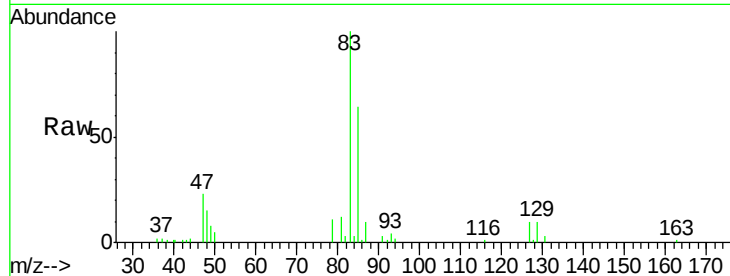




#47
 Bromodichloromethane
 Concen: 5.494 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

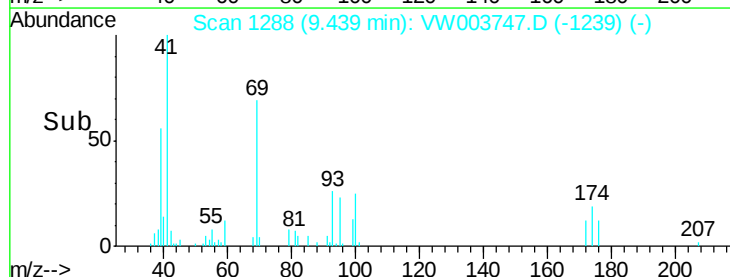
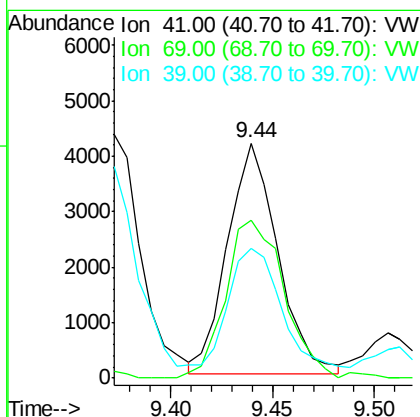
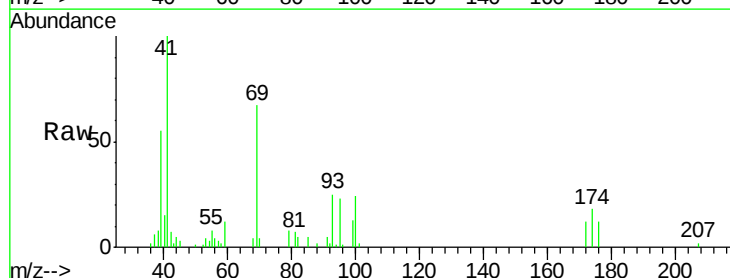
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

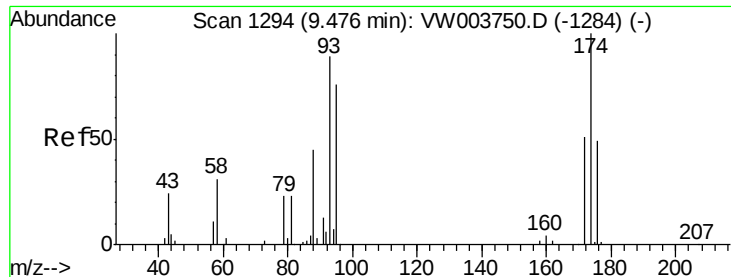
Tgt Ion: 83 Resp: 17094
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.4 77.0
 127 10.3 6.8 10.2#



#48
 Methyl methacrylate
 Concen: 4.913 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 41 Resp: 7165
 Ion Ratio Lower Upper
 41 100
 69 78.7 63.8 95.8
 39 64.4 50.2 75.2

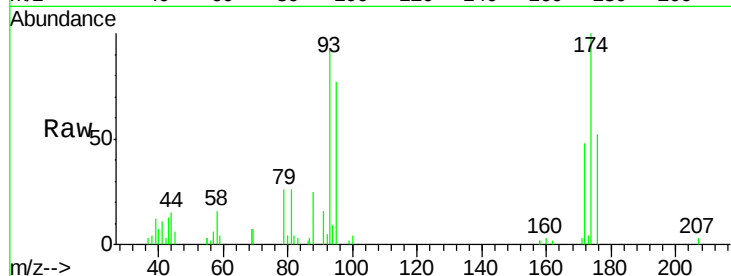




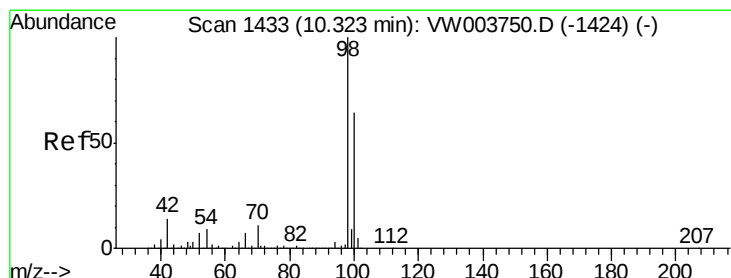
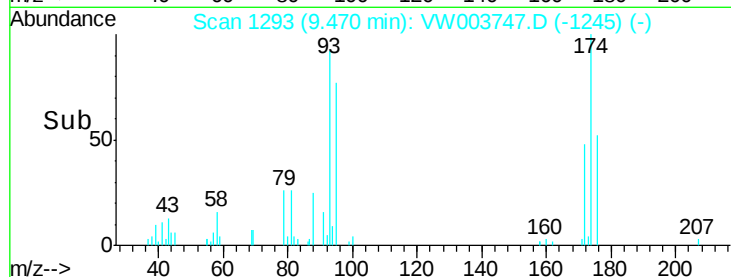
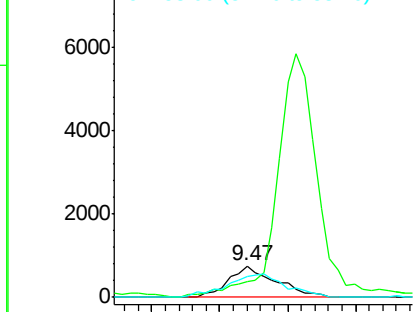
#49
1,4-Dioxane
Concen: 93.390 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tgt Ion: 88 Resp: 1839
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 92.5 59.7 89.5#

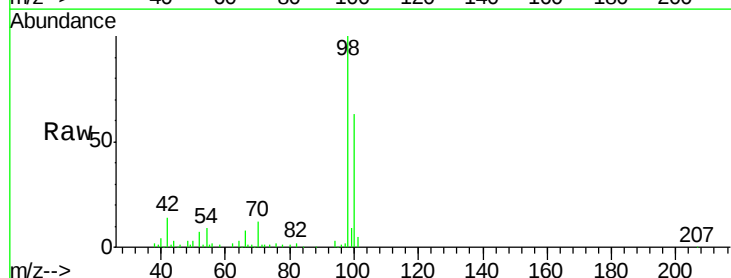


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

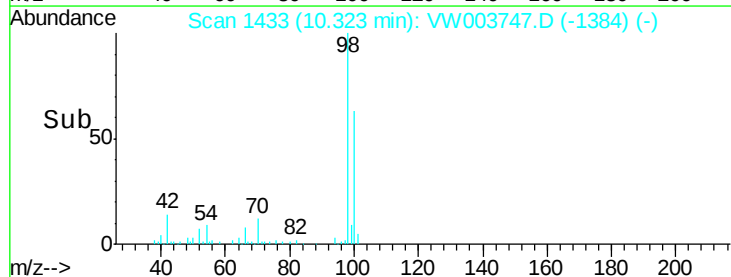
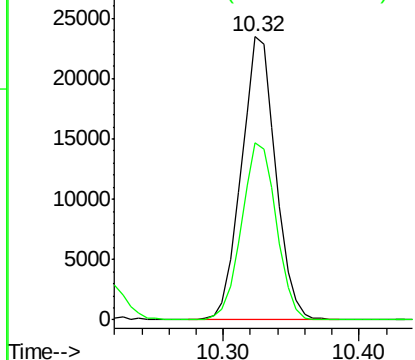


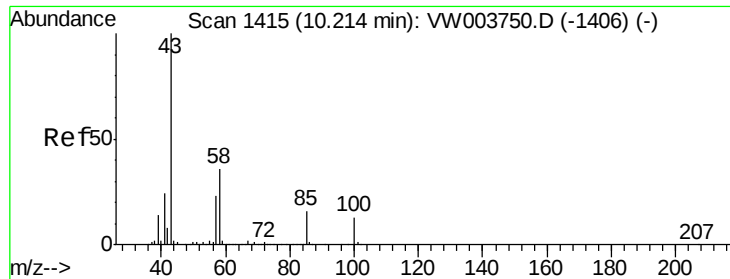
#50
Toluene-d8
Concen: 4.899 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 98 Resp: 41214
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2



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

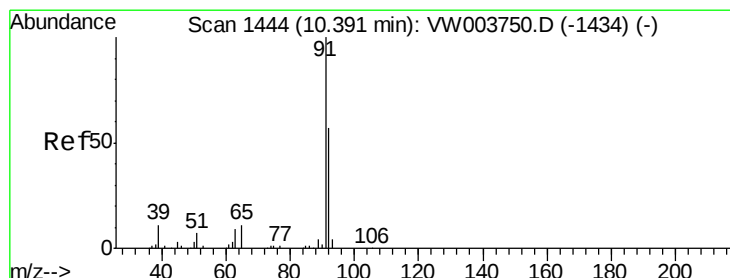
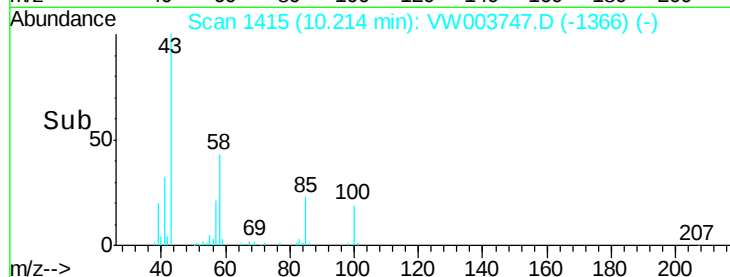
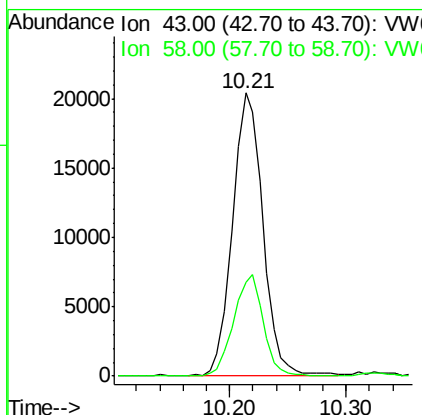
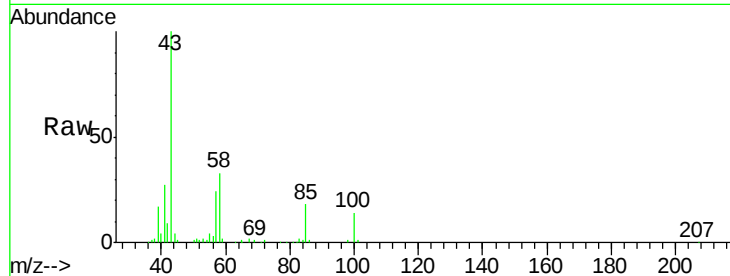




#51
 4-Methyl-2-Pentanone
 Concen: 22.683 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

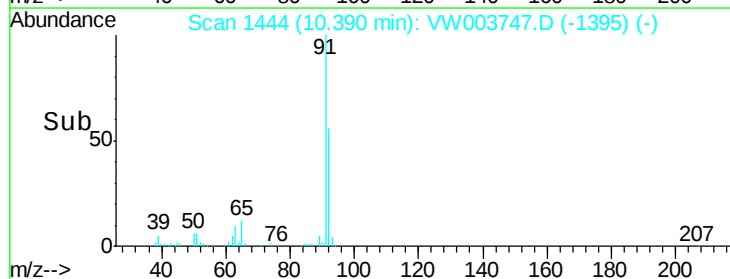
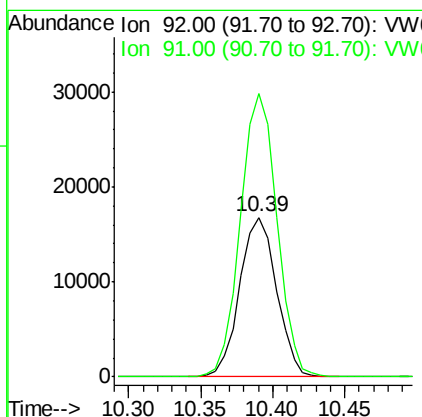
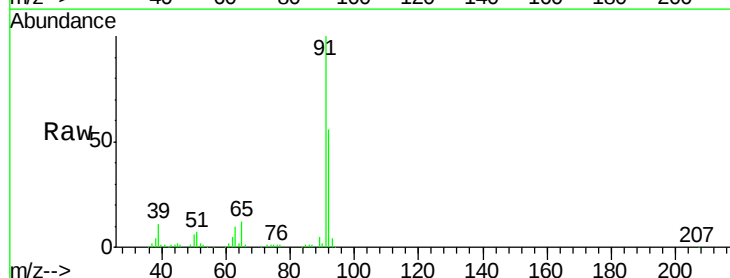
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

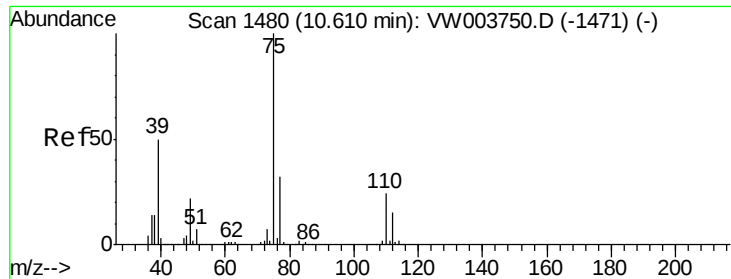
Tgt Ion: 43 Resp: 36776
 Ion Ratio Lower Upper
 43 100
 58 35.2 29.3 43.9



#52
 Toluene
 Concen: 5.143 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 92 Resp: 29858
 Ion Ratio Lower Upper
 92 100
 91 175.7 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 4.969 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampled :

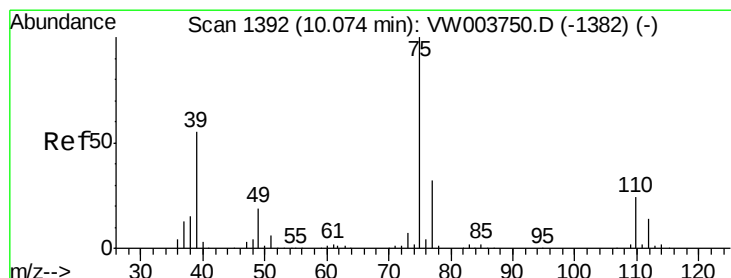
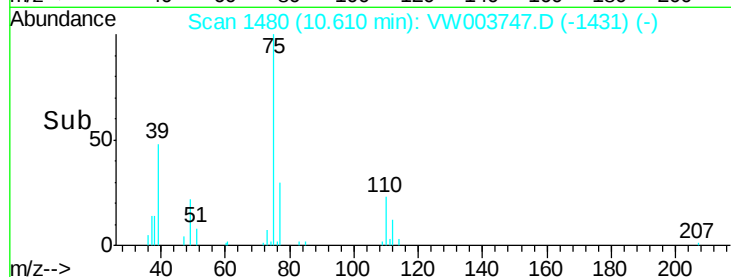
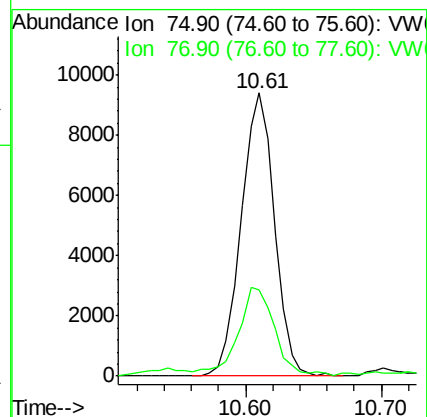
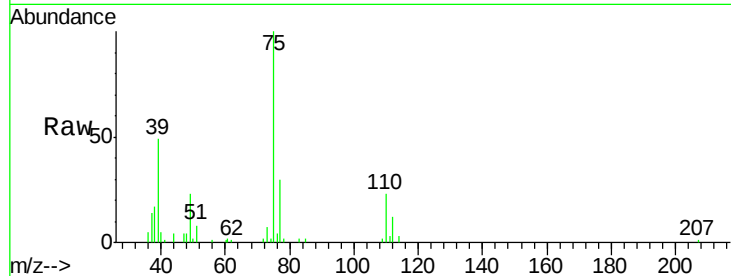
VSTDCCC005

Tgt Ion: 75 Resp: 15992

Ion Ratio Lower Upper

75 100

77 29.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 4.817 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

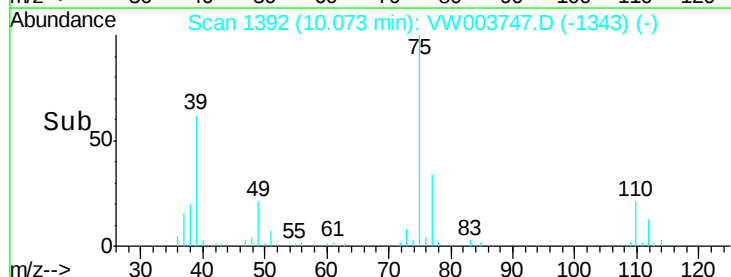
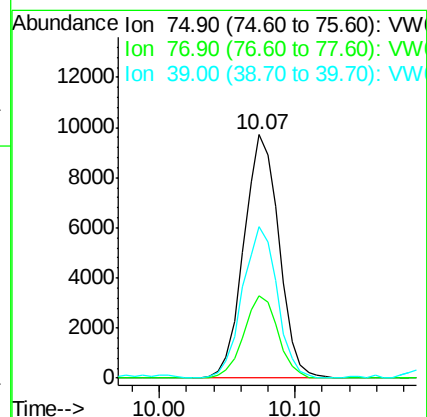
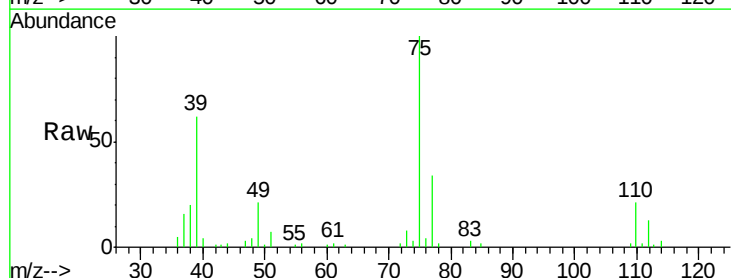
Tgt Ion: 75 Resp: 17526

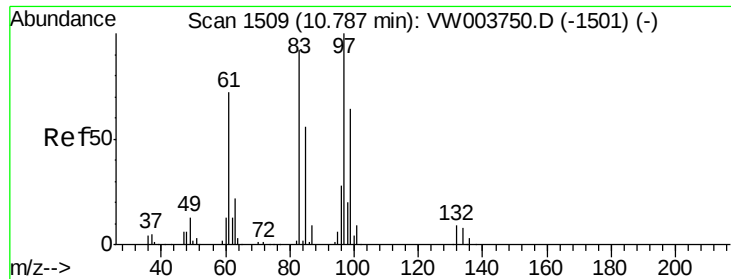
Ion Ratio Lower Upper

75 100

77 33.9 25.6 38.4

39 62.1 43.6 65.4

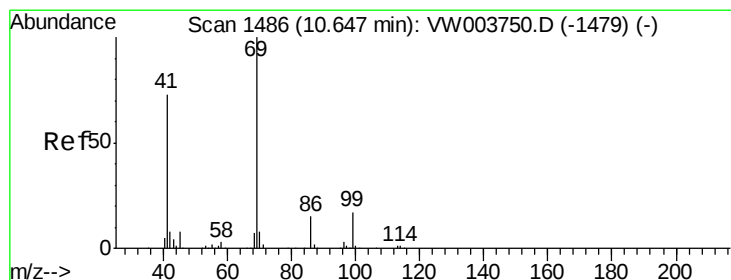
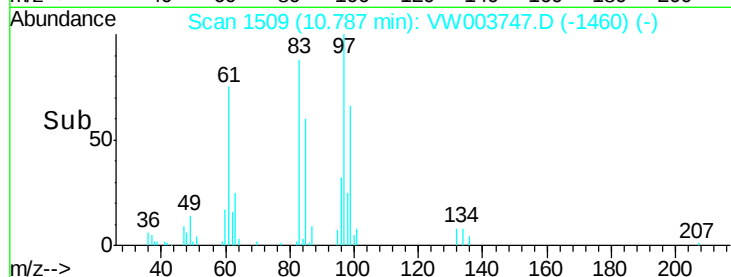
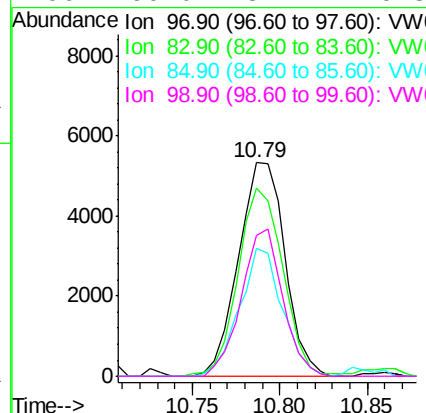
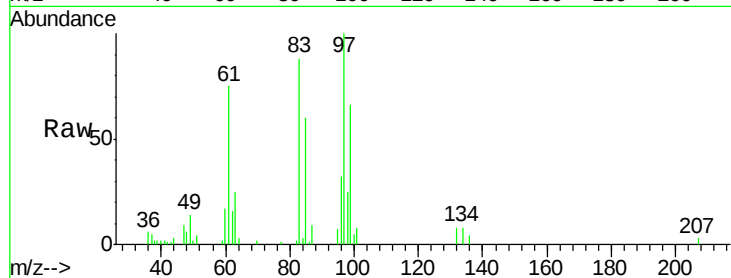




#55
 1,1,2-Trichloroethane
 Concen: 5.577 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

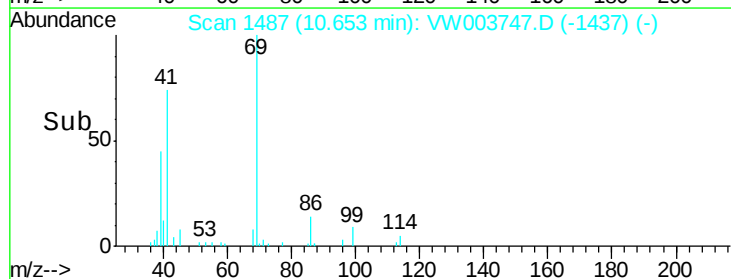
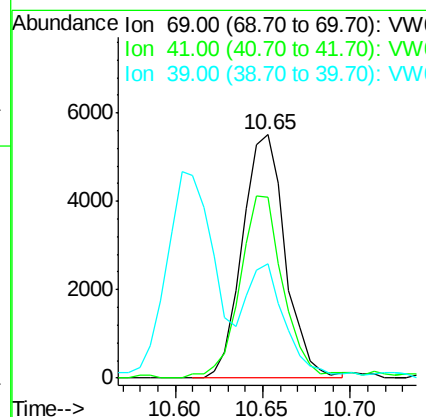
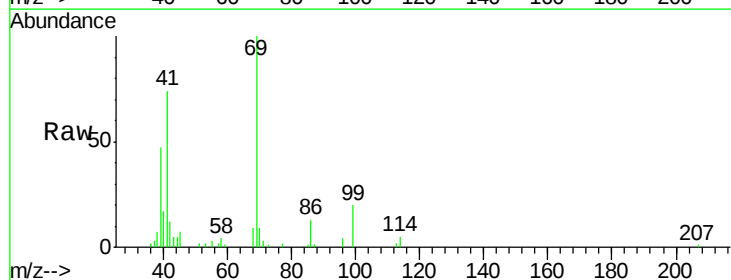
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

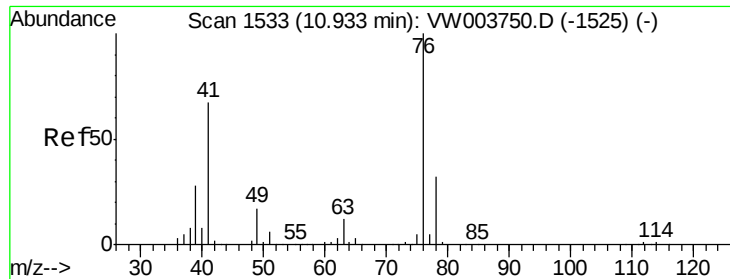
Tgt Ion: 97 Resp: 9910
 Ion Ratio Lower Upper
 97 100
 83 87.1 73.8 110.6
 85 60.0 45.0 67.4
 99 66.0 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 4.190 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 69 Resp: 9378
 Ion Ratio Lower Upper
 69 100
 41 76.6 59.0 88.4
 39 40.0 32.8 49.2

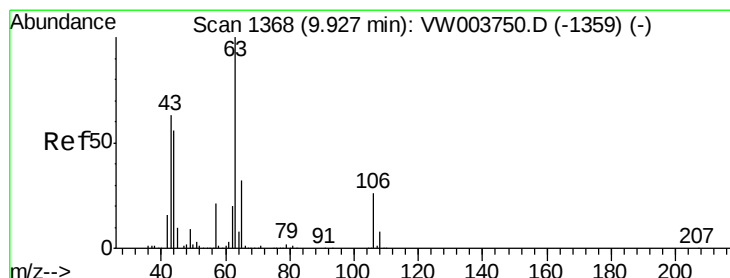
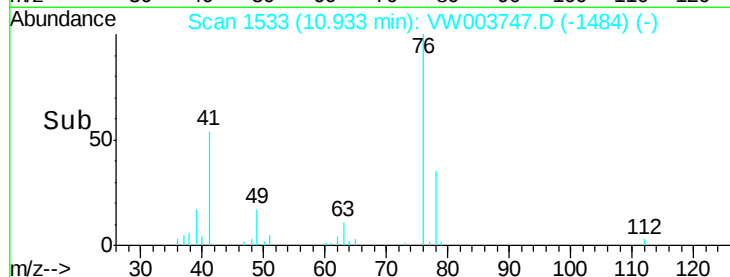
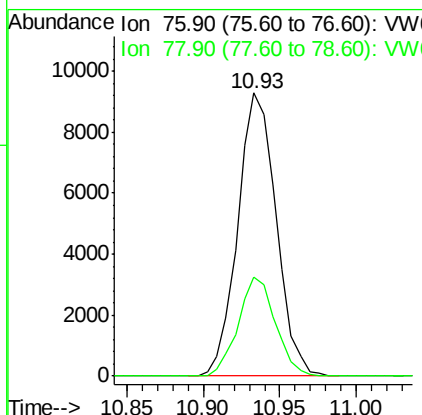
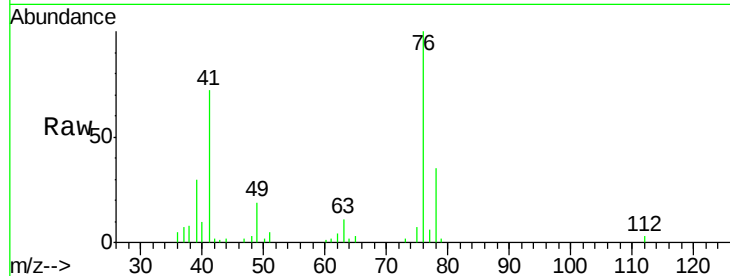




#57
 1,3-Dichloropropane
 Concen: 5.237 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

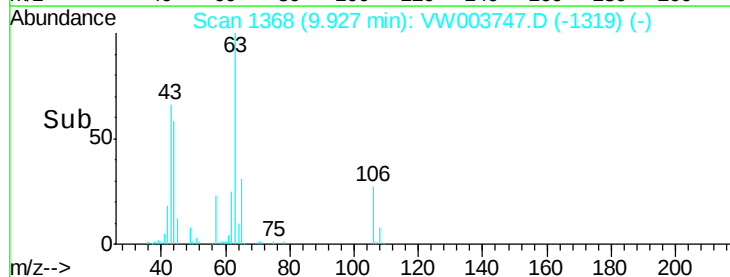
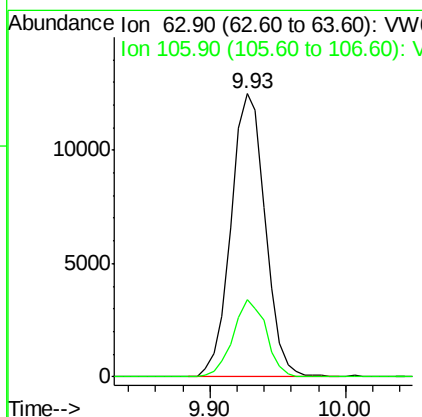
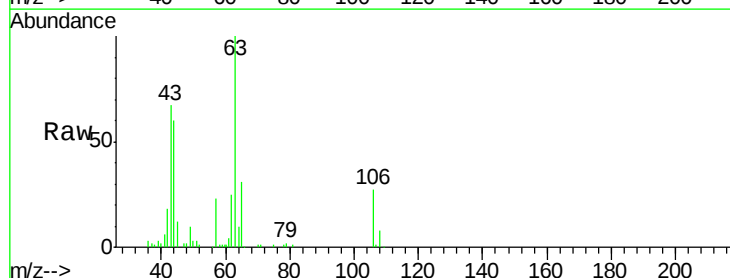
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

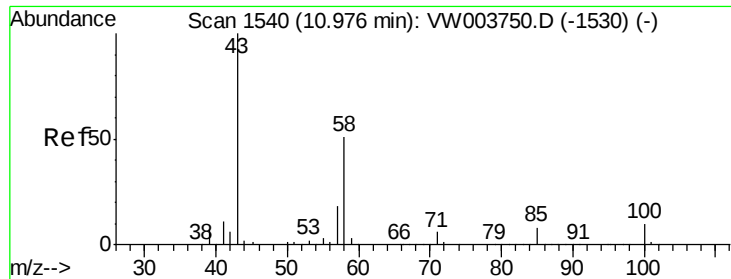
Tgt Ion: 76 Resp: 16194
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.994 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion: 63 Resp: 21871
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

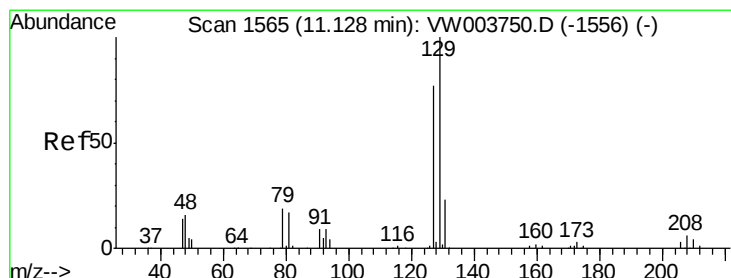
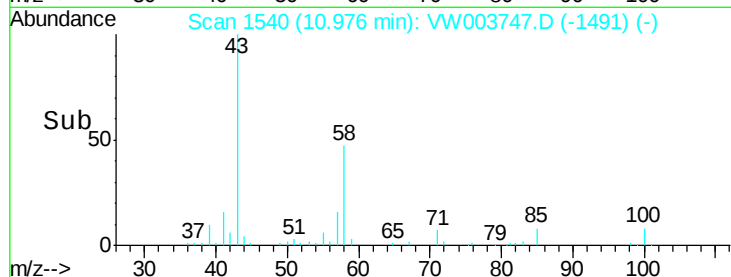
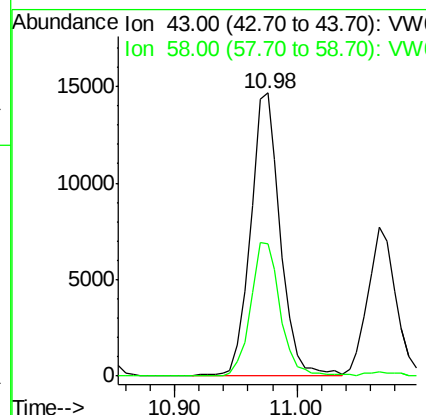
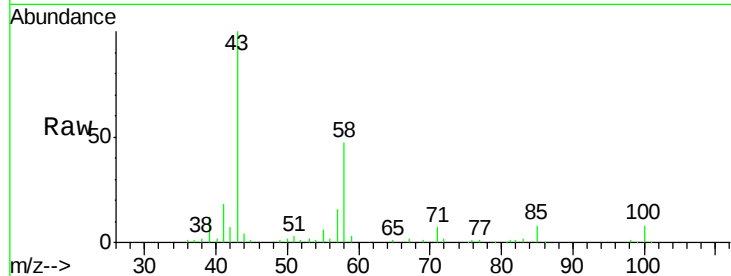




#59
2-Hexanone
Concen: 21.469 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

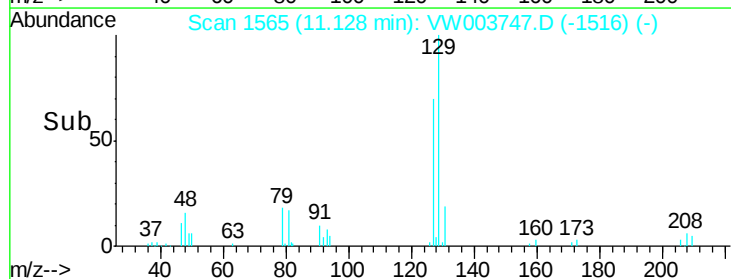
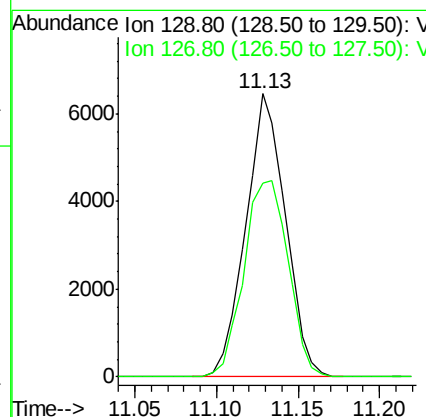
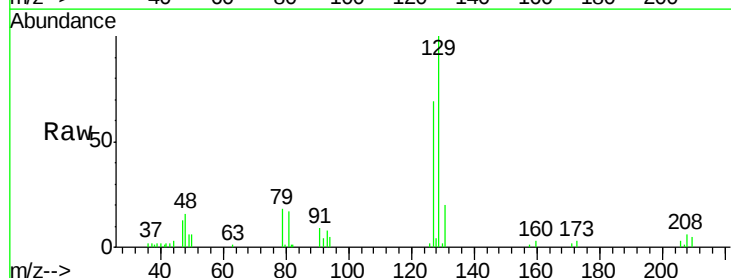
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

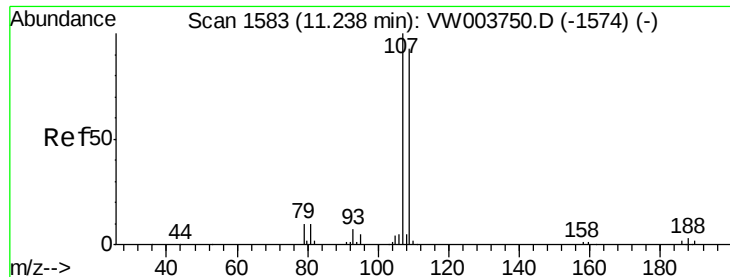
Tgt Ion: 43 Resp: 24775
Ion Ratio Lower Upper
43 100
58 47.0 25.4 76.2



#60
Dibromochloromethane
Concen: 5.258 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 129 Resp: 10948
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 5.469 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

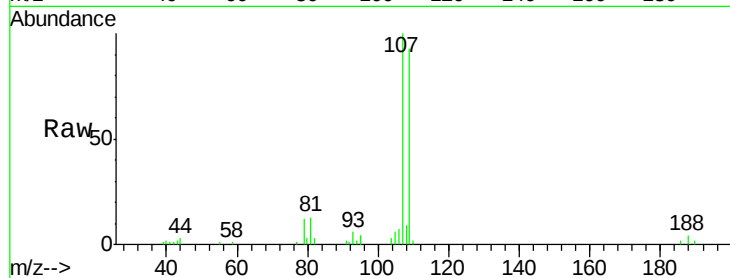
VSTDCCC005

Tgt Ion: 107 Resp: 9337

Ion Ratio Lower Upper

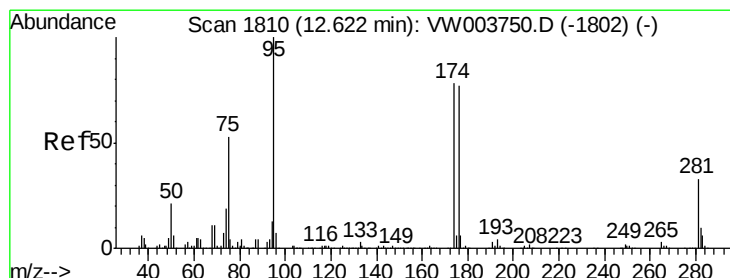
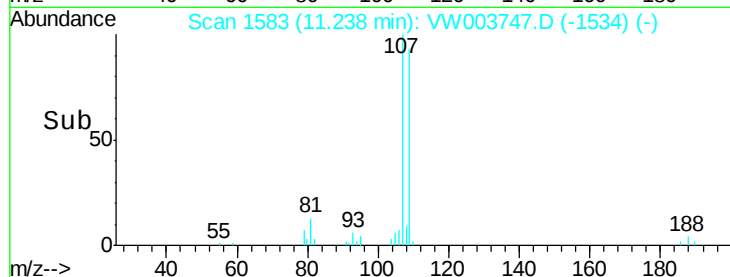
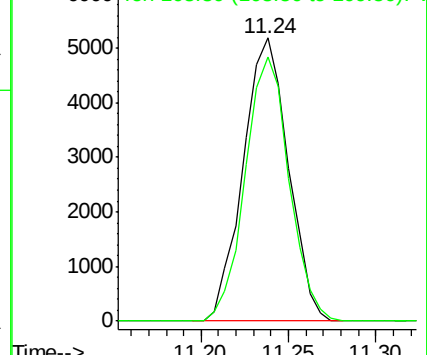
107 100

109 90.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.828 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

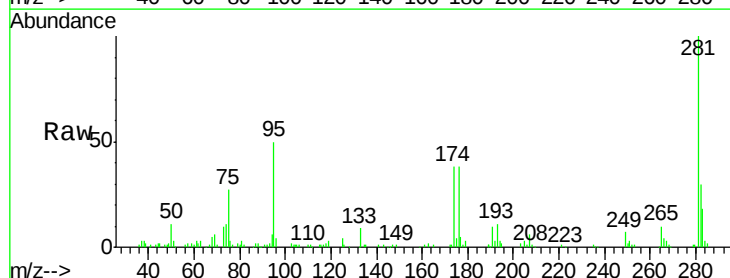
Tgt Ion: 95 Resp: 14597

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.4

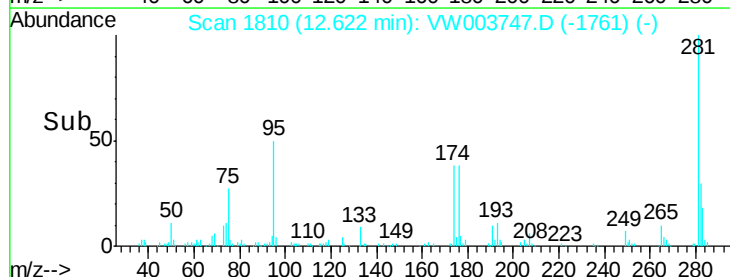
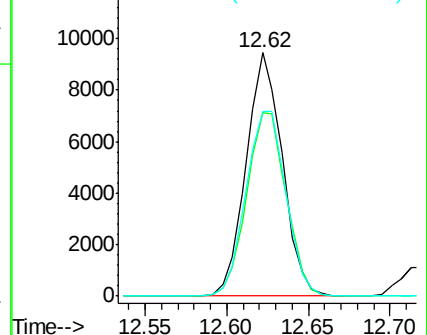
176 84.3 0.0 156.8

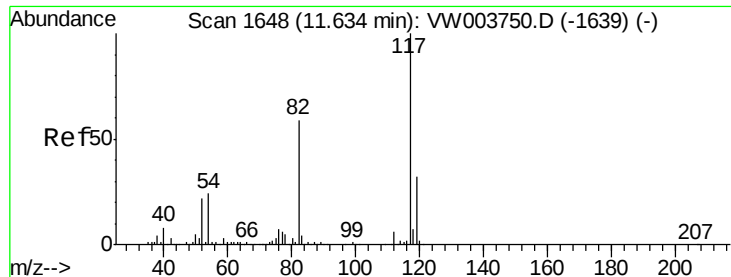


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

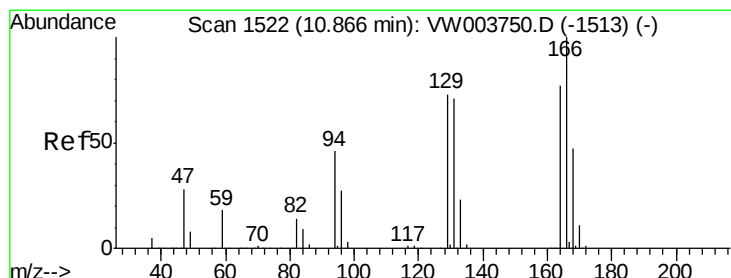
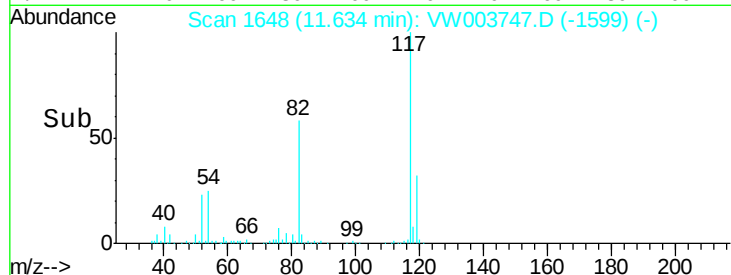
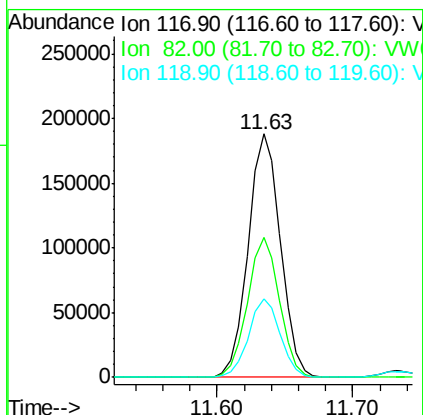
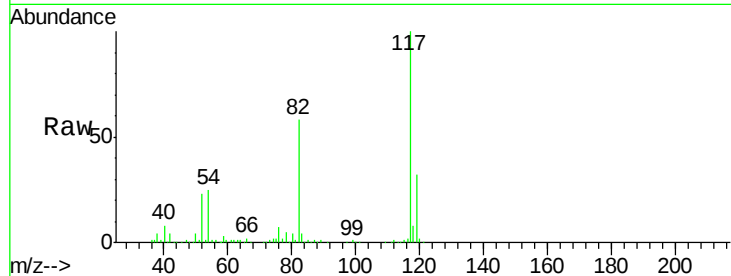




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

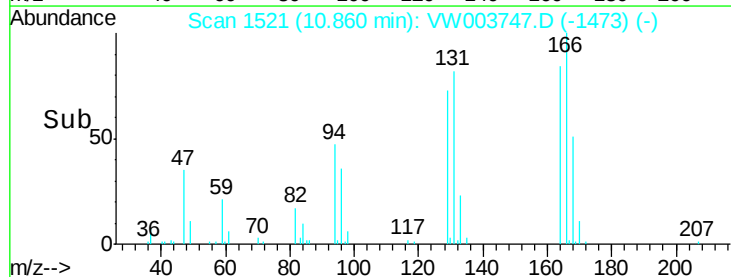
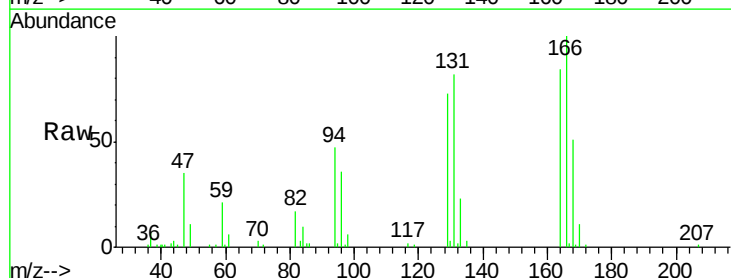
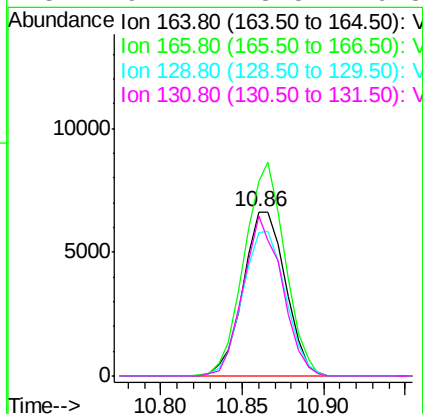
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

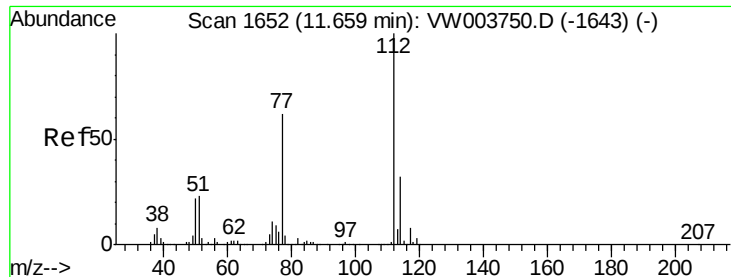
Tgt Ion:117 Resp: 312751
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 5.568 ug/l
RT: 10.86 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:164 Resp: 11987
Ion Ratio Lower Upper
164 100
166 118.9 104.2 156.4
129 87.2 75.8 113.8
131 97.2 73.5 110.3

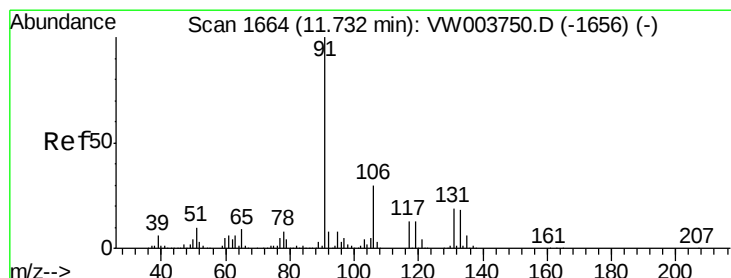
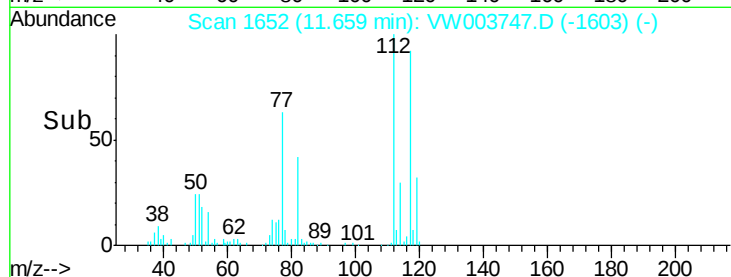
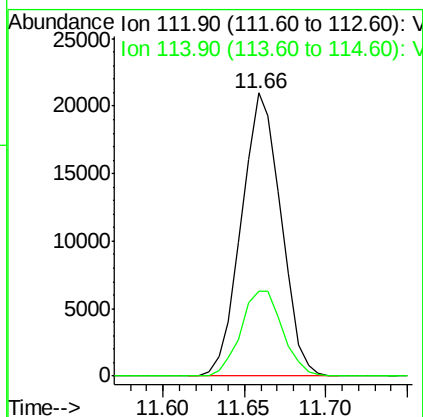
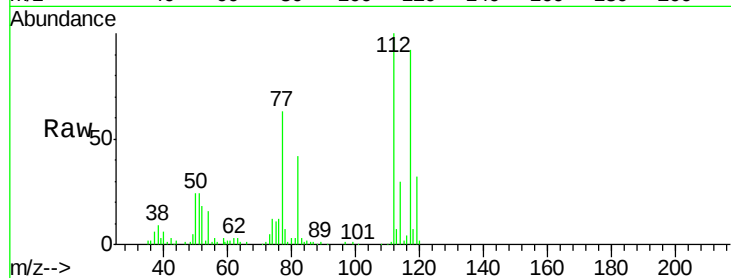




#65
Chlorobenzene
Concen: 5.328 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

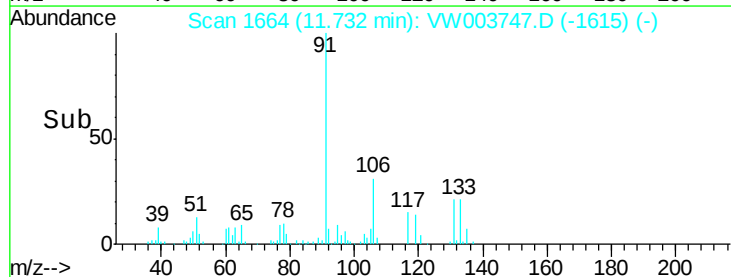
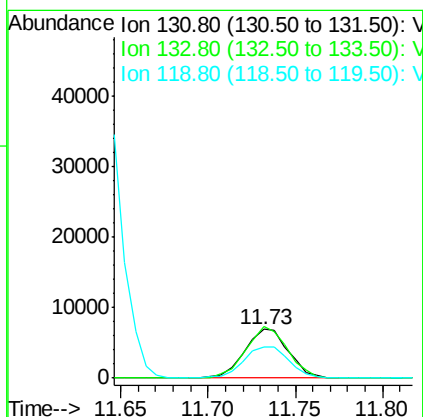
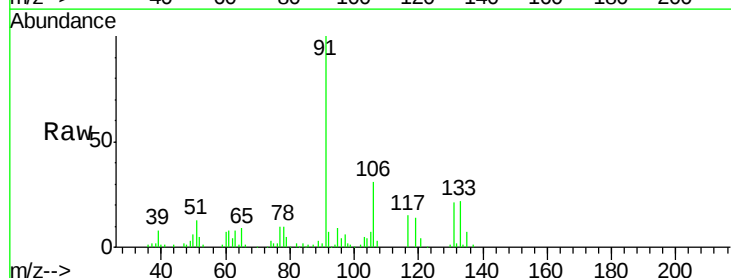
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

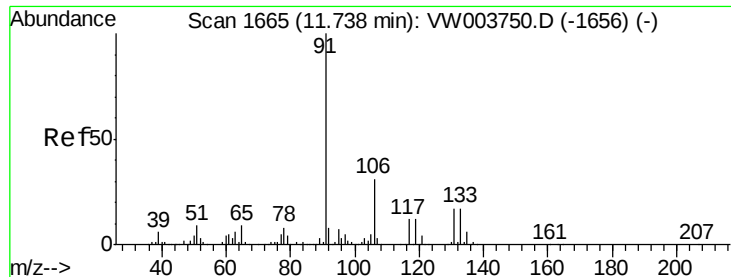
Tgt Ion:112 Resp: 35353
Ion Ratio Lower Upper
112 100
114 29.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.185 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:131 Resp: 12007
Ion Ratio Lower Upper
131 100
133 101.1 48.0 144.2
119 67.4 33.2 99.6

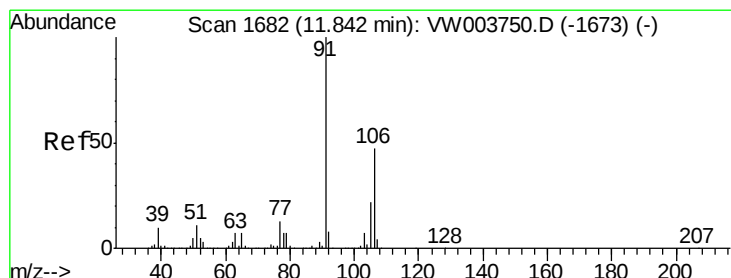
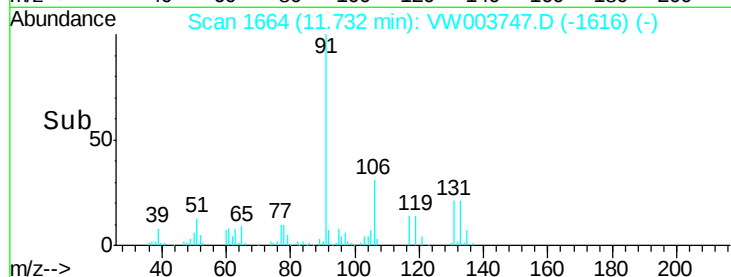
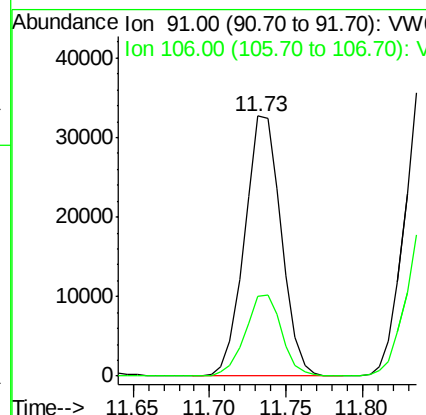
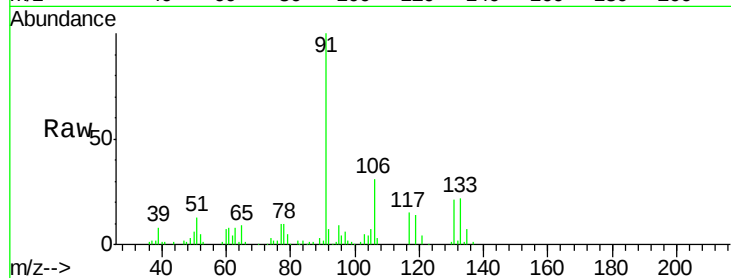




#67
Ethyl Benzene
Concen: 4.697 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

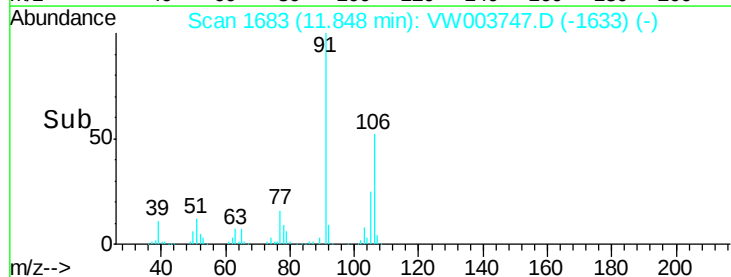
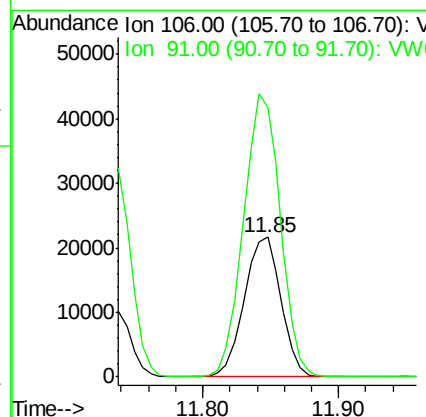
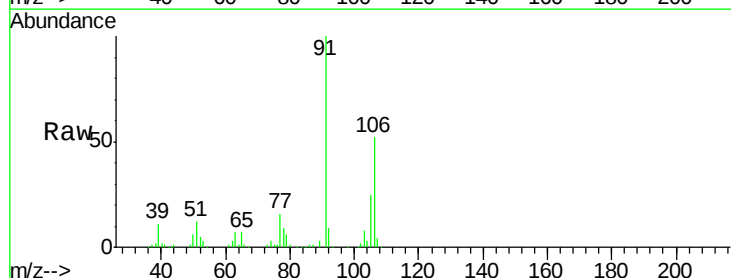
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

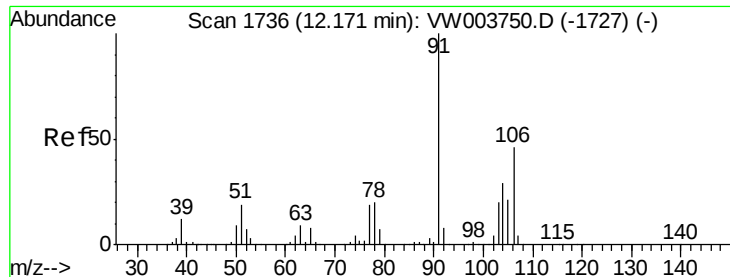
Tgt Ion: 91 Resp: 54415
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 9.275 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 106 Resp: 40942
Ion Ratio Lower Upper
106 100
91 202.9 164.3 246.5

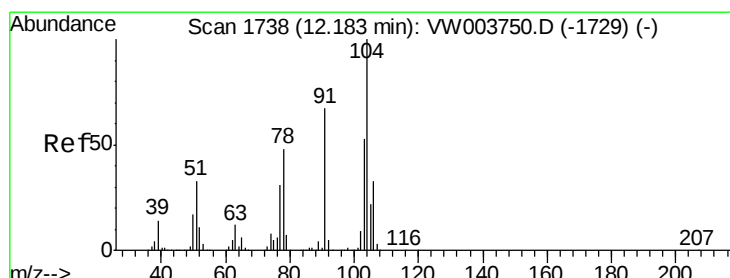
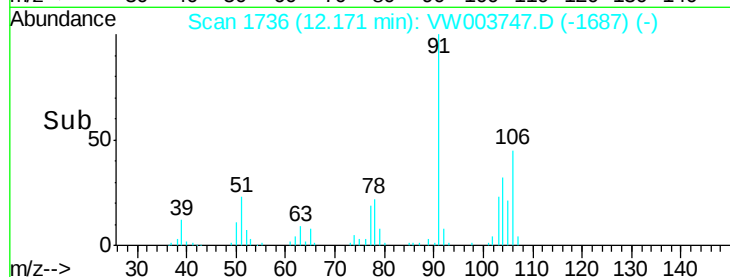
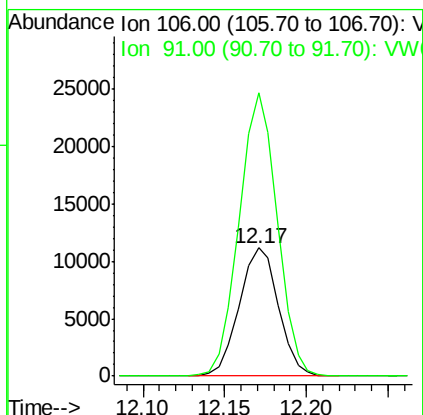
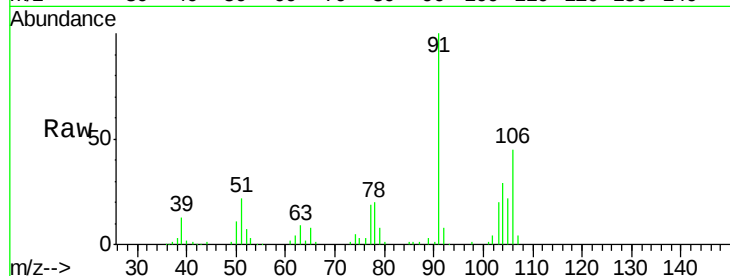




#69
o-Xylene
Concen: 4.561 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

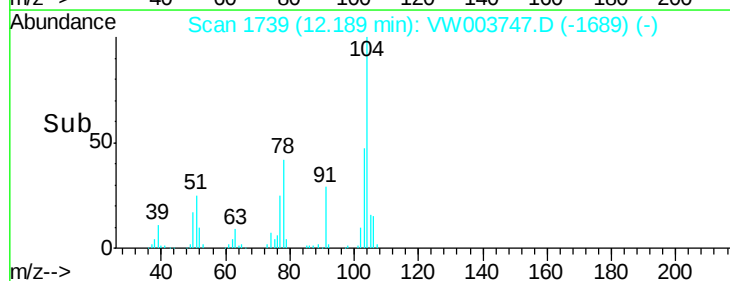
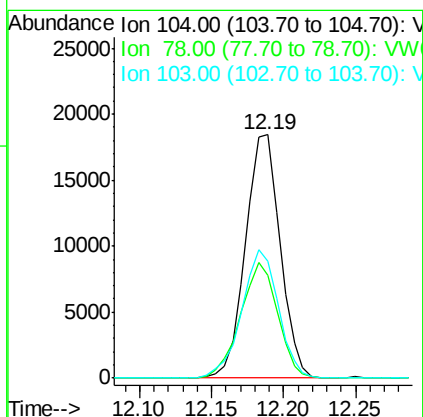
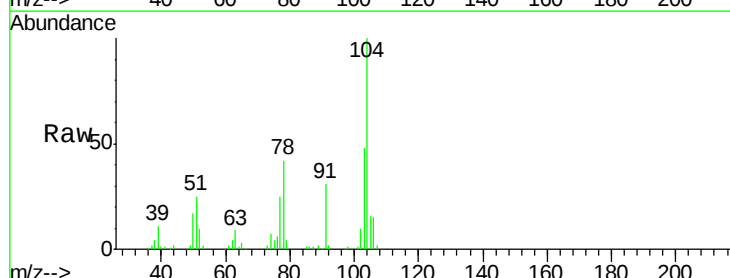
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

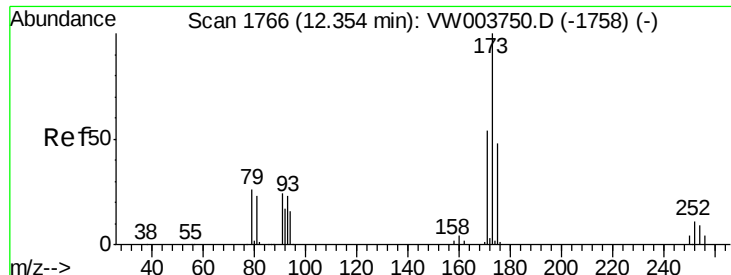
Tgt Ion:106 Resp: 18648
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.2



#70
Styrene
Concen: 4.468 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:104 Resp: 30704
Ion Ratio Lower Upper
104 100
78 51.0 41.1 61.7
103 55.8 44.6 67.0

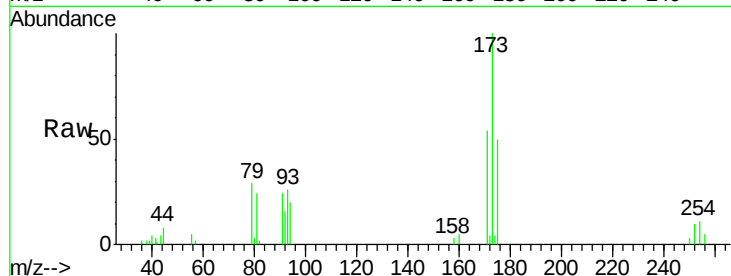




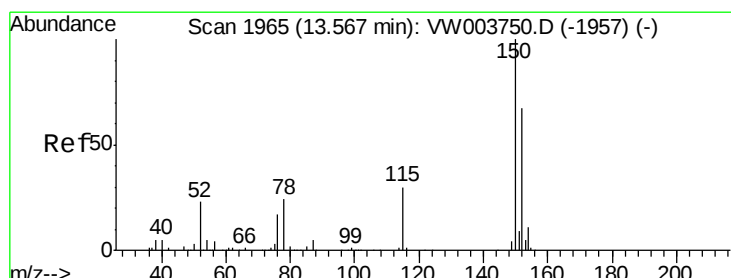
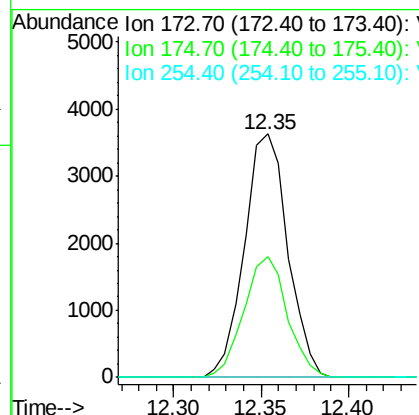
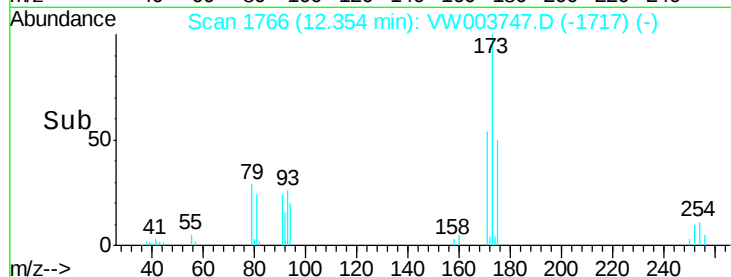
#71
Bromoform
Concen: 4.819 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tgt Ion:173 Resp: 6251
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.4
254 0.0 0.0 0.0

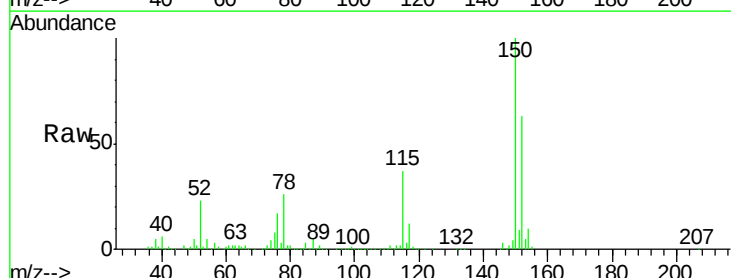


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

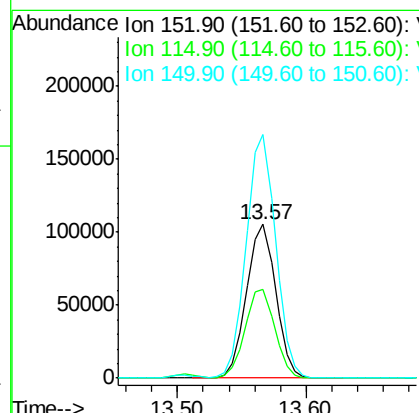
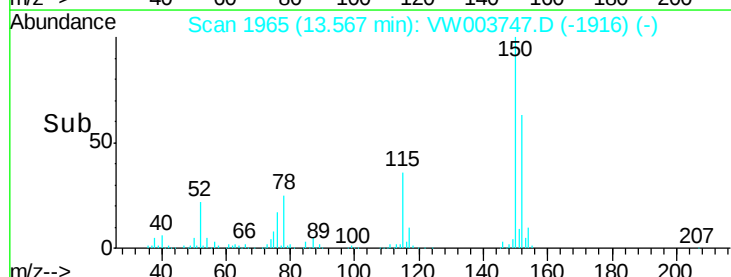


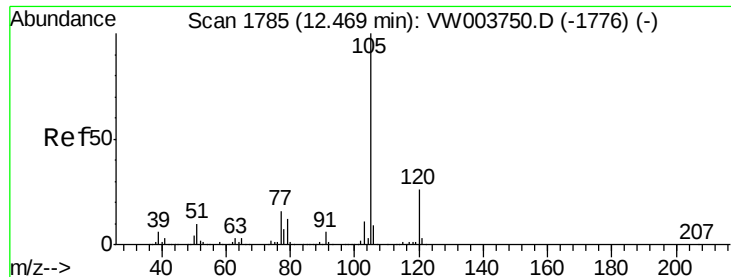
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:152 Resp: 165172
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 159.4 0.0 342.4



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





#73

Isopropylbenzene

Concen: 4.327 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

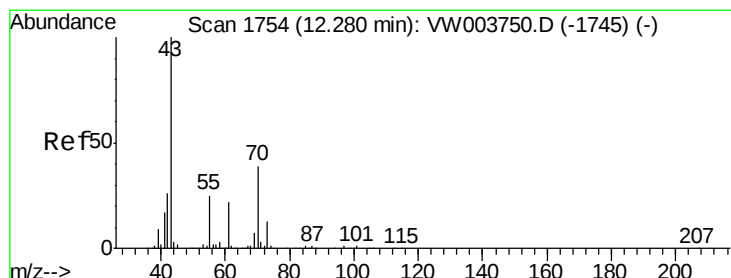
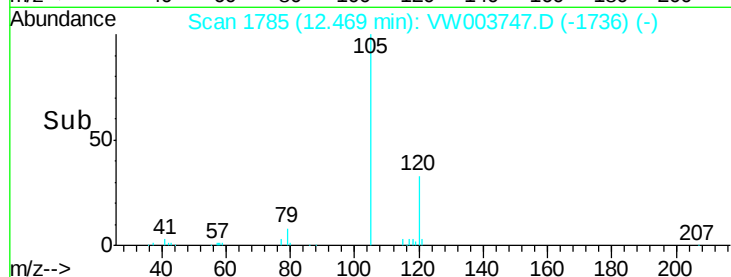
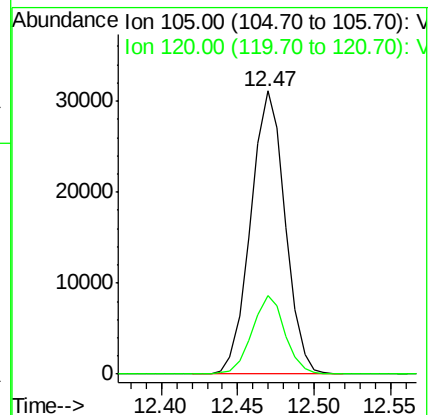
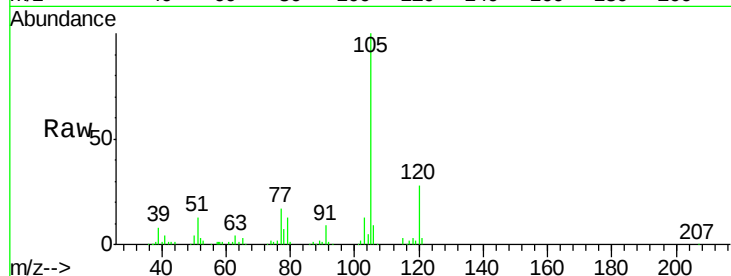
VSTDCCC005

Tgt Ion: 105 Resp: 48716

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 4.510 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion: 43 Resp: 13556

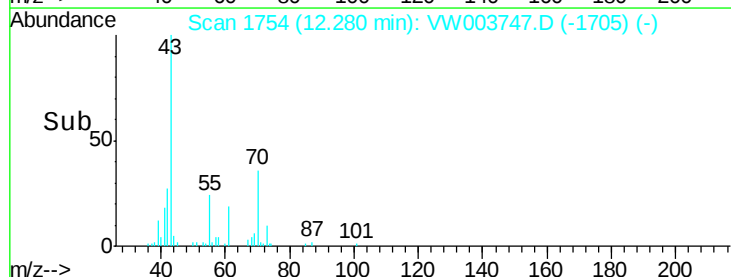
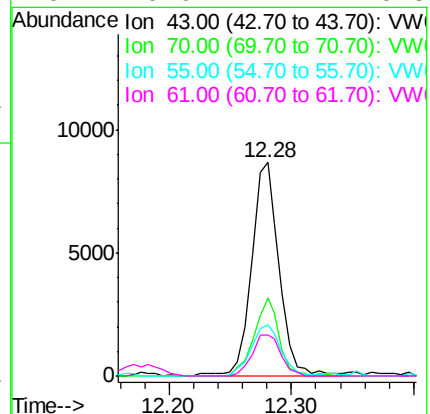
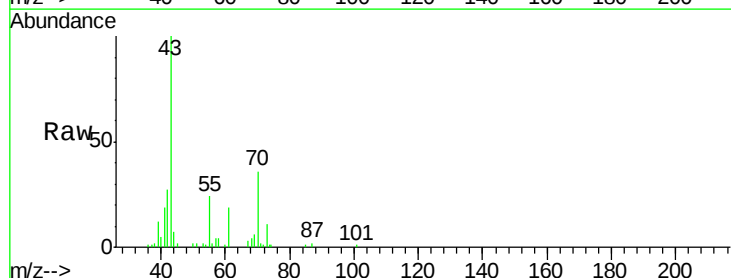
Ion Ratio Lower Upper

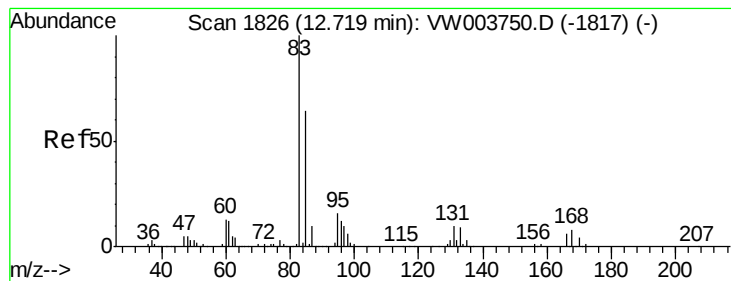
43 100

70 33.2 31.3 46.9

55 26.2 20.1 30.1

61 19.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.142 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

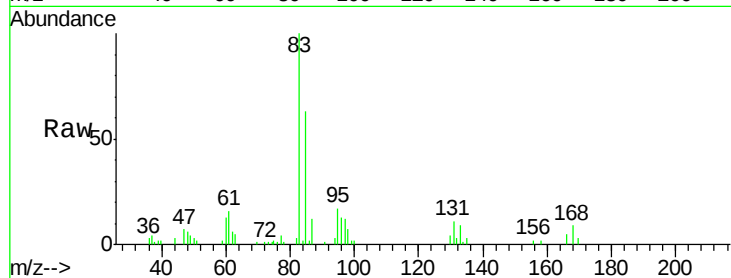
Tgt Ion: 83 Resp: 11456

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

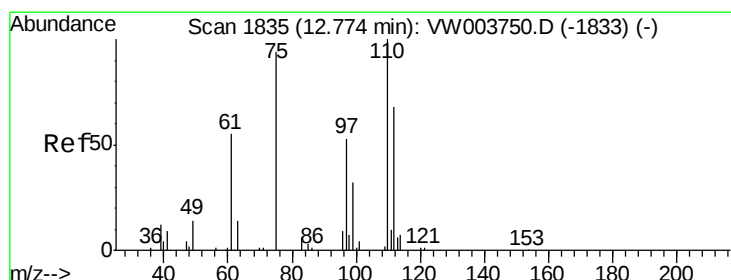
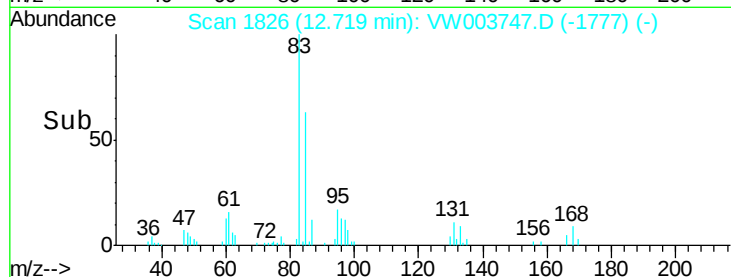
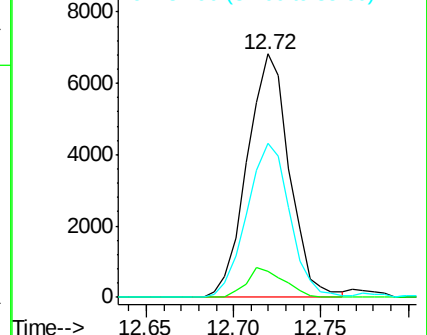
85 64.5 32.1 96.3



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: 10.128 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003747.D

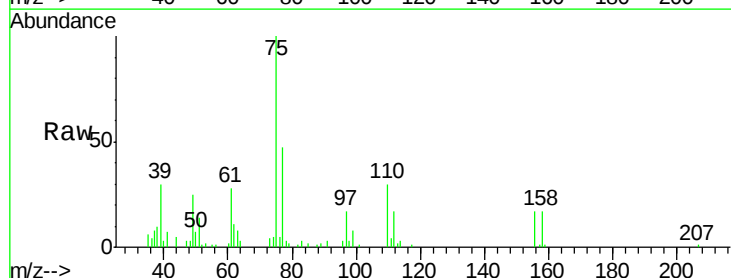
Acq: 06 Jul 2018 22:48

Tgt Ion: 75 Resp: 15139

Ion Ratio Lower Upper

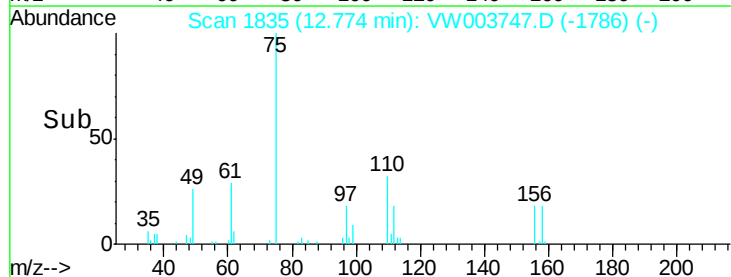
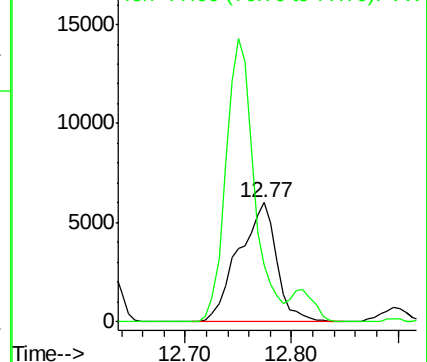
75 100

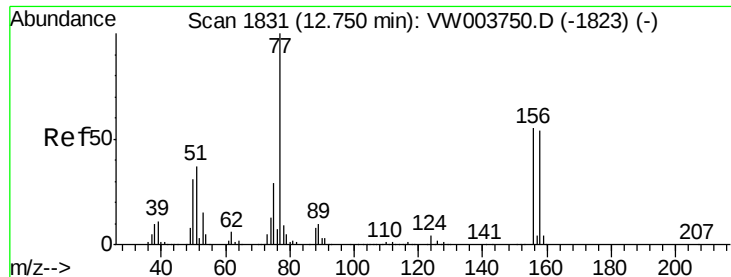
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.206 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

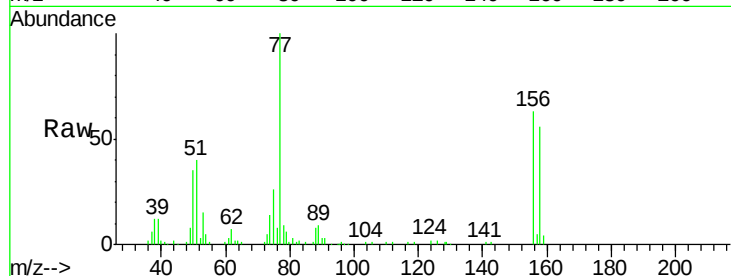
Tgt Ion:156 Resp: 14083

Ion Ratio Lower Upper

156 100

77 188.4 98.7 296.0

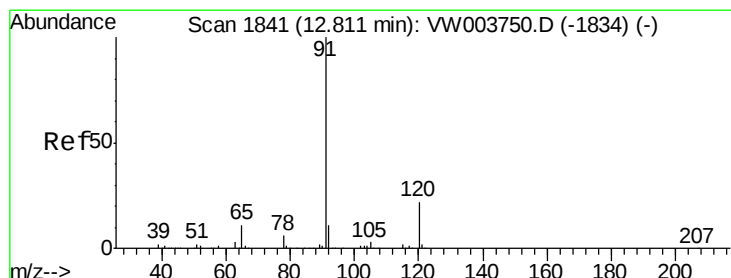
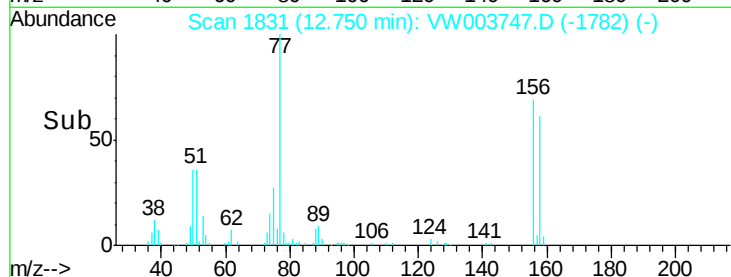
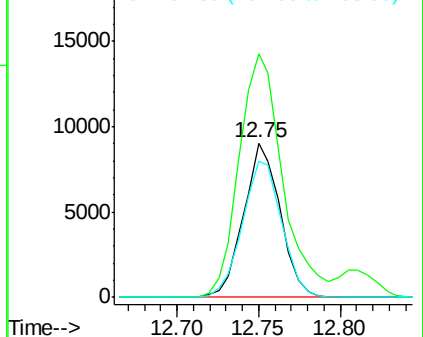
158 95.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.553 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003747.D

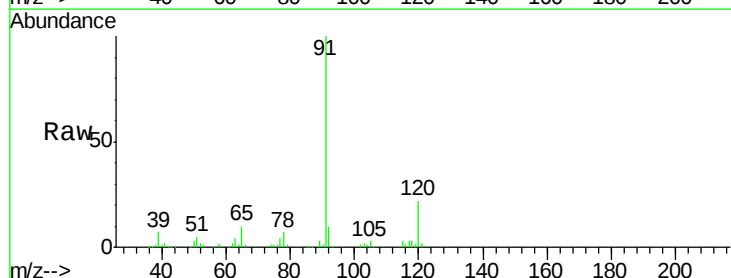
Acq: 06 Jul 2018 22:48

Tgt Ion: 91 Resp: 63376

Ion Ratio Lower Upper

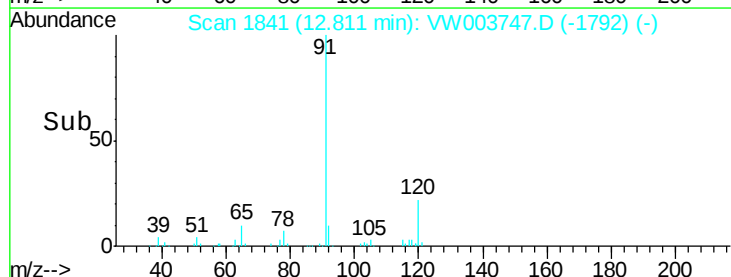
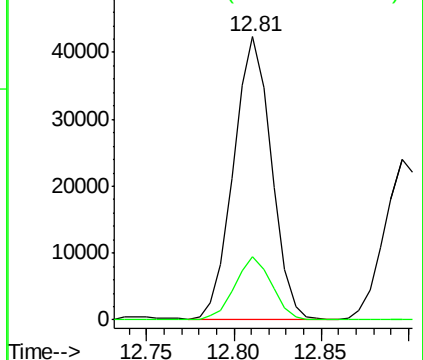
91 100

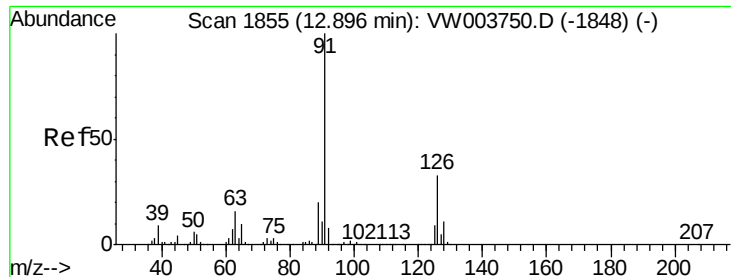
120 21.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.792 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

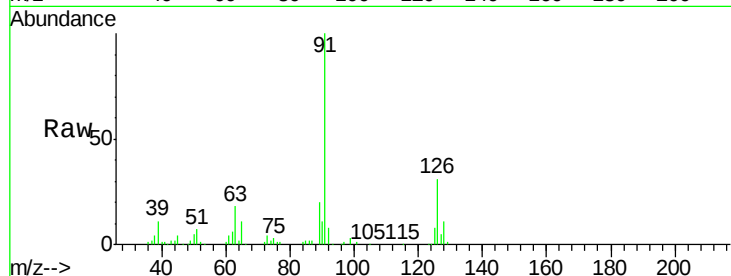
VSTDCCC005

Tgt Ion: 91 Resp: 37935

Ion Ratio Lower Upper

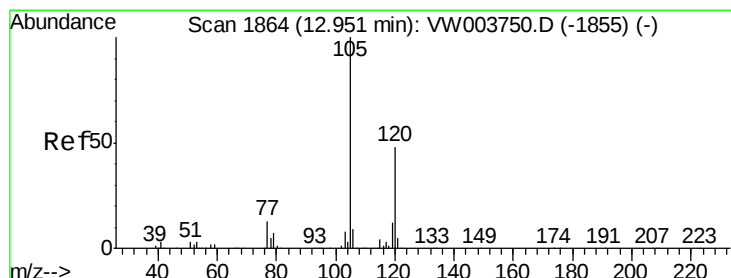
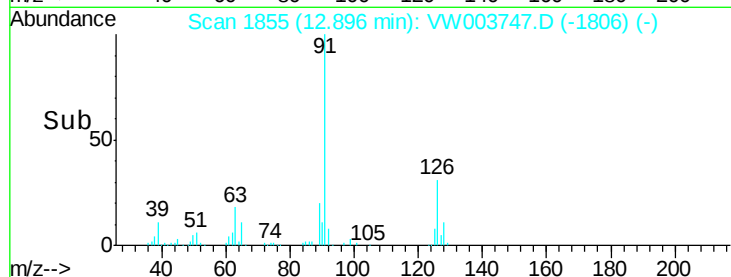
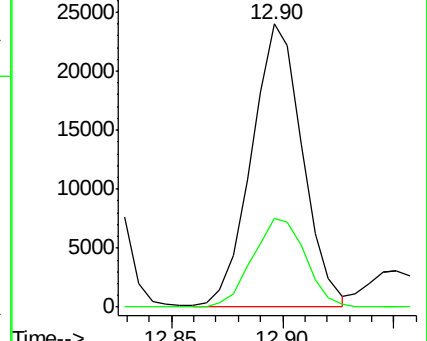
91 100

126 32.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.457 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003747.D

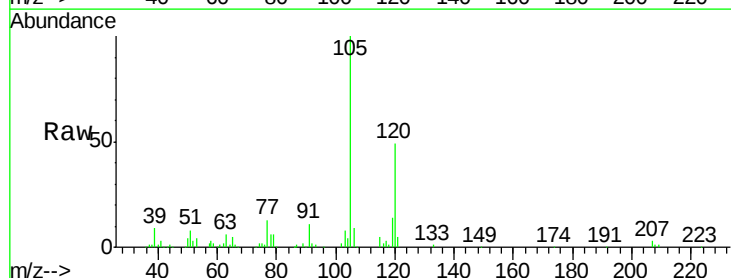
Acq: 06 Jul 2018 22:48

Tgt Ion: 105 Resp: 42551

Ion Ratio Lower Upper

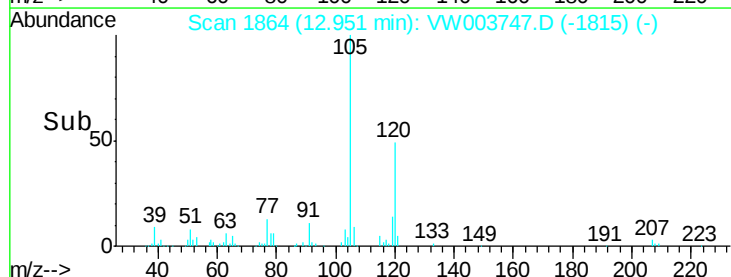
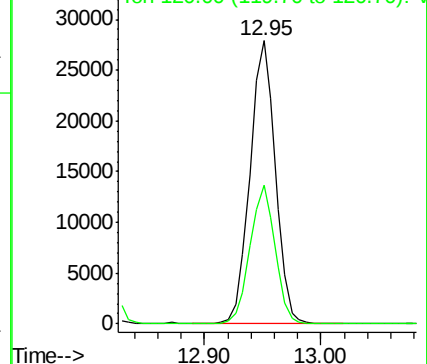
105 100

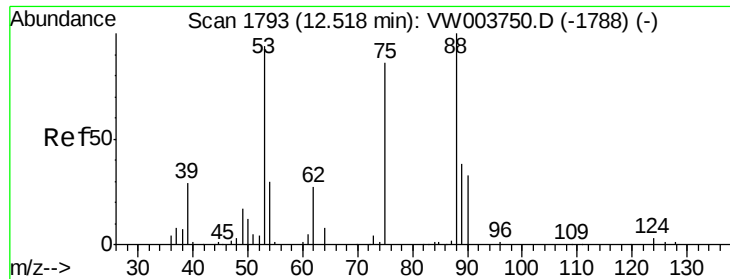
120 48.2 24.2 72.6



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: 4.260 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

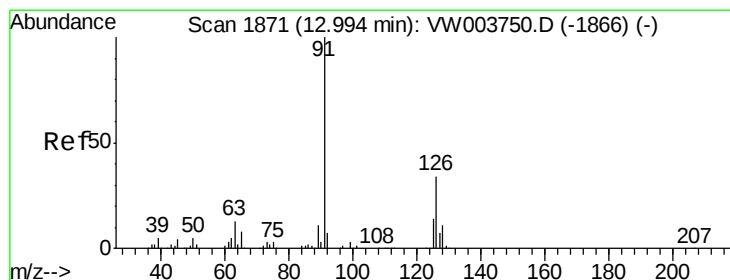
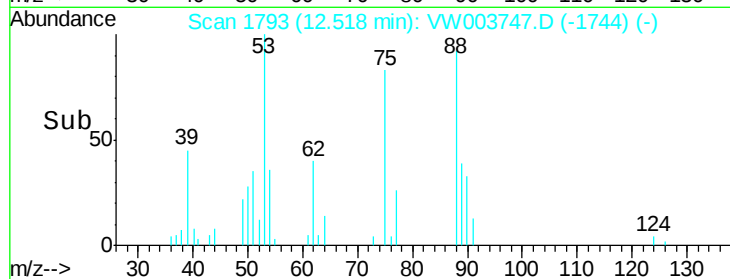
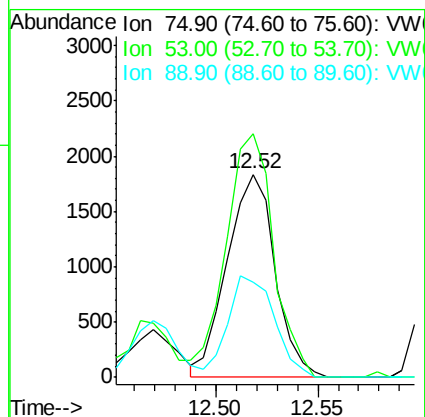
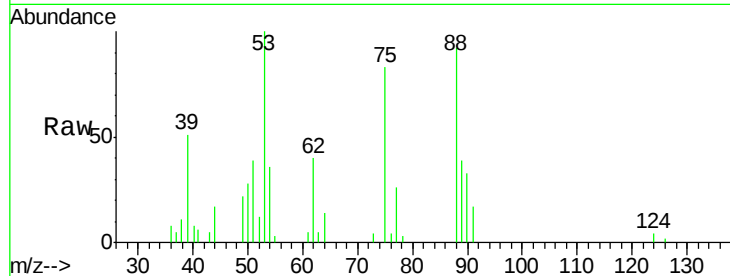
Tgt Ion: 75 Resp: 2992

Ion Ratio Lower Upper

75 100

53 118.3 85.0 127.6

89 48.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.927 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003747.D

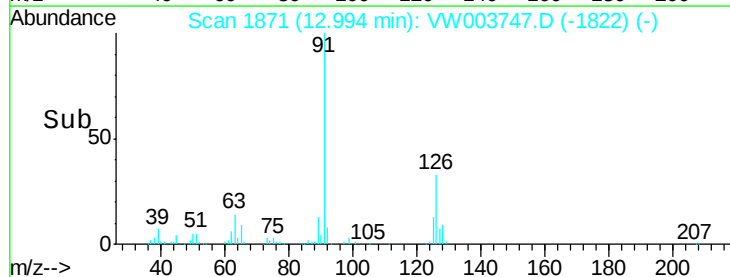
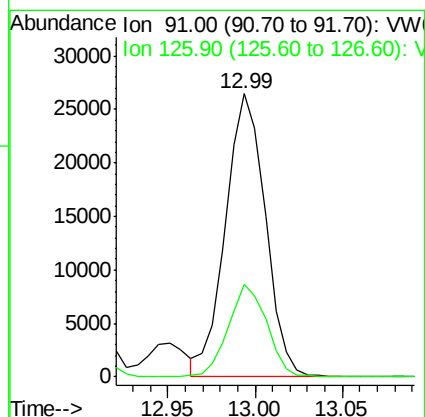
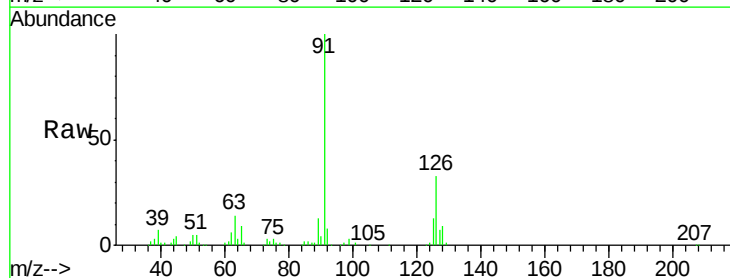
Acq: 06 Jul 2018 22:48

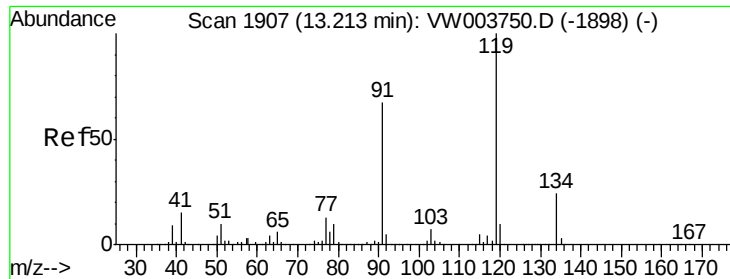
Tgt Ion: 91 Resp: 41595

Ion Ratio Lower Upper

91 100

126 31.8 16.5 49.5

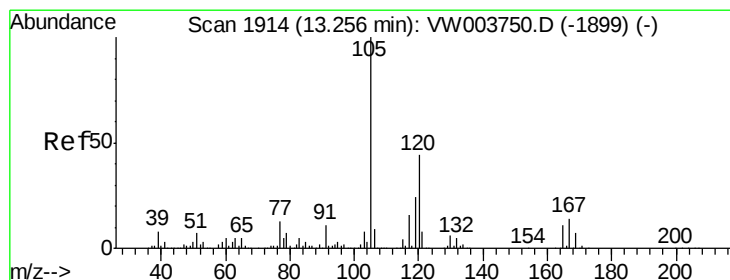
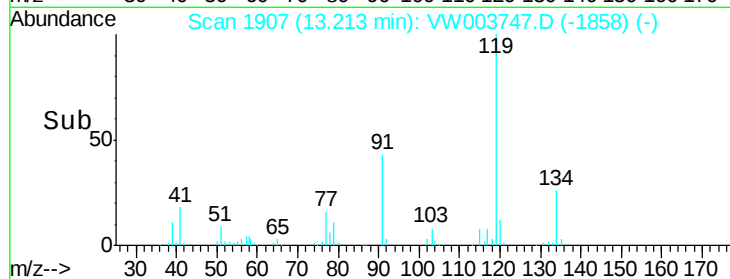
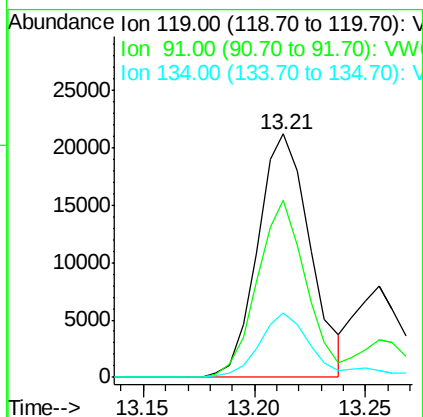
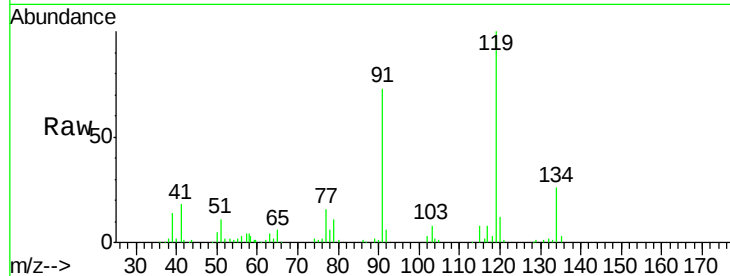




#83
 tert-Butylbenzene
 Concen: 4.307 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

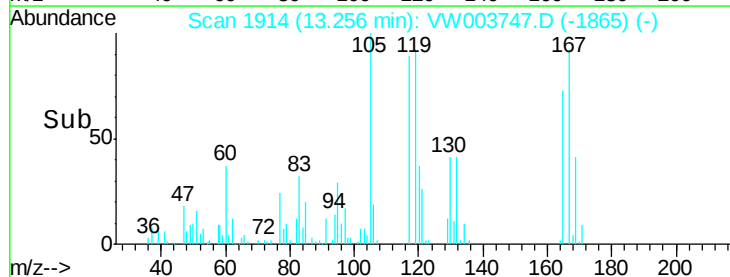
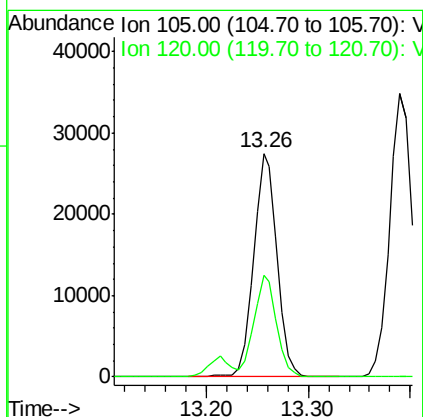
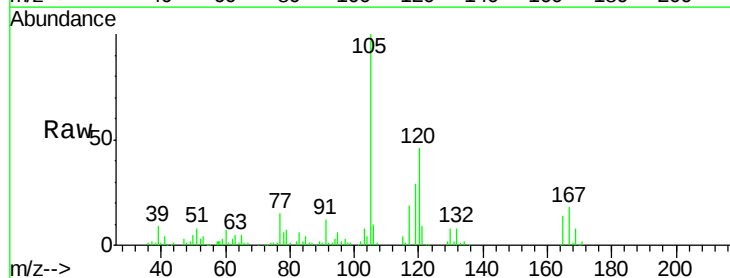
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

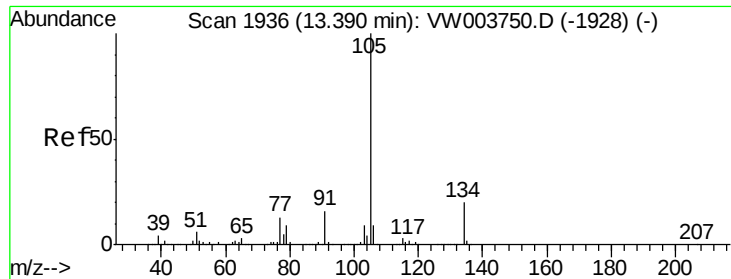
Tgt Ion:119 Resp: 34625
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.0 98.9
 134 28.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.497 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion:105 Resp: 44181
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0

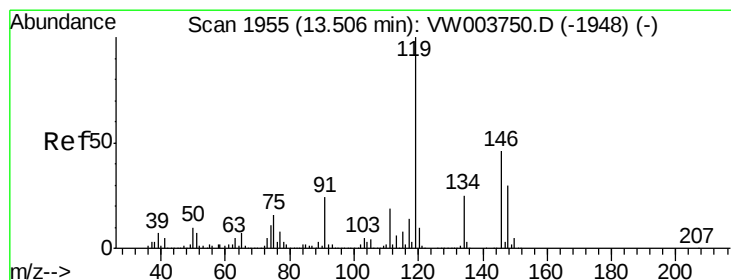
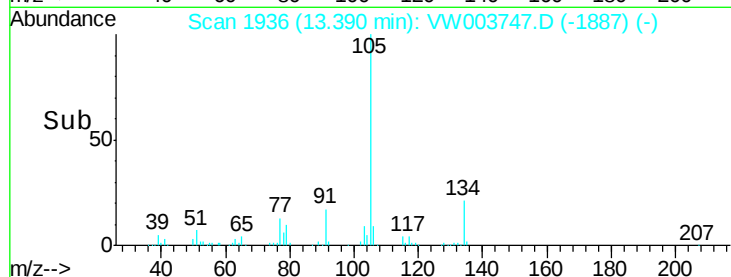
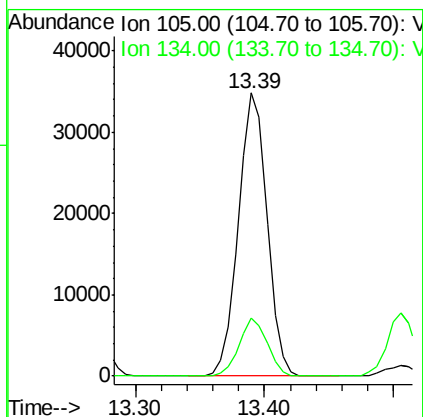
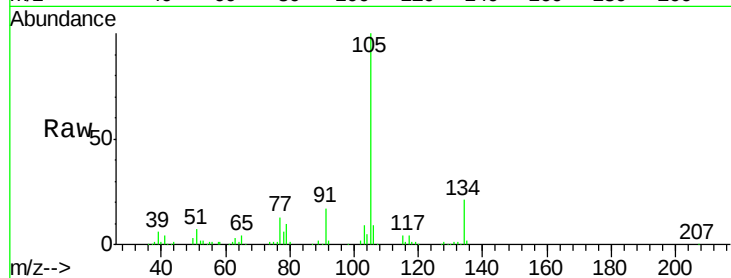




#85
 sec-Butylbenzene
 Concen: 4.501 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

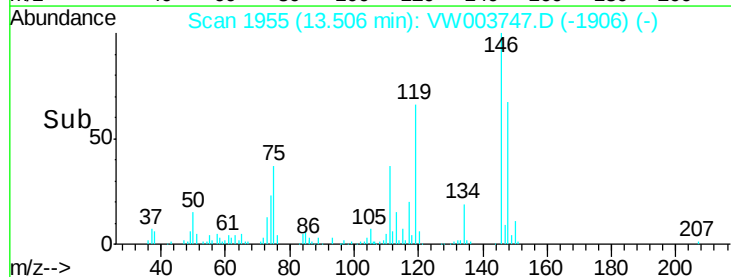
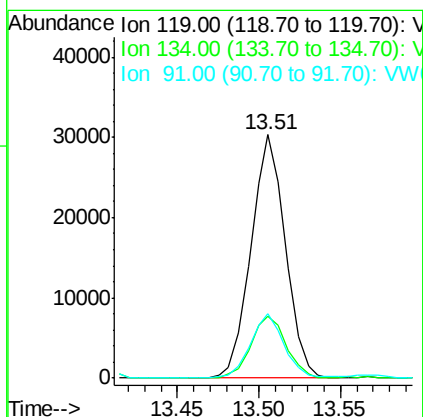
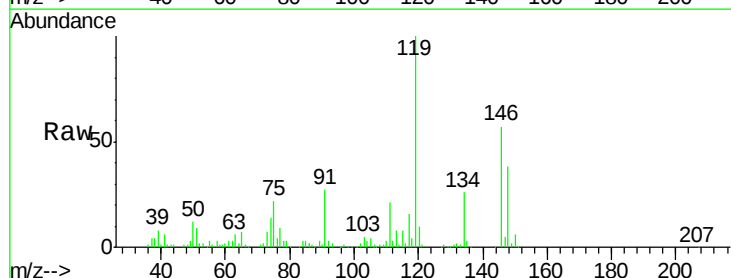
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

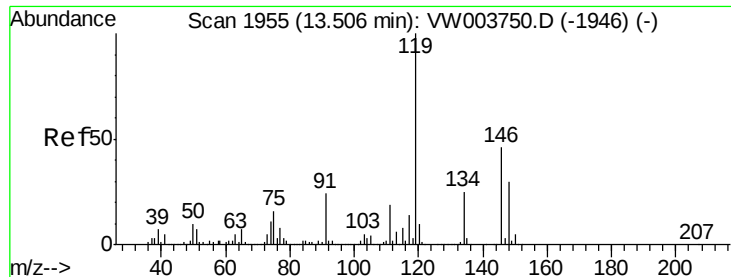
Tgt Ion:105 Resp: 53735
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.244 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion:119 Resp: 44381
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 25.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 5.197 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

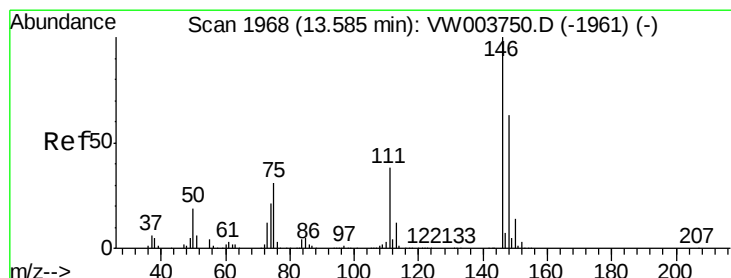
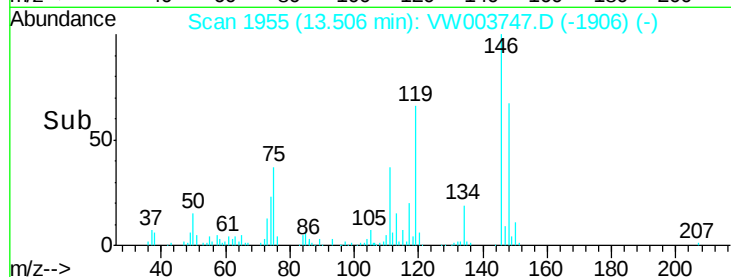
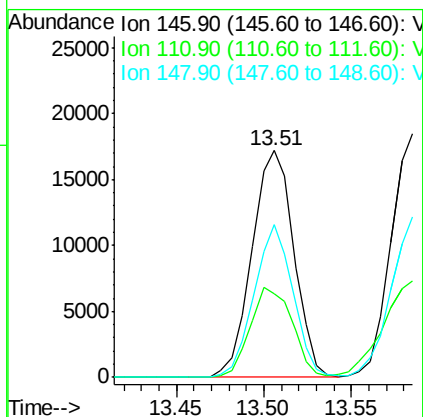
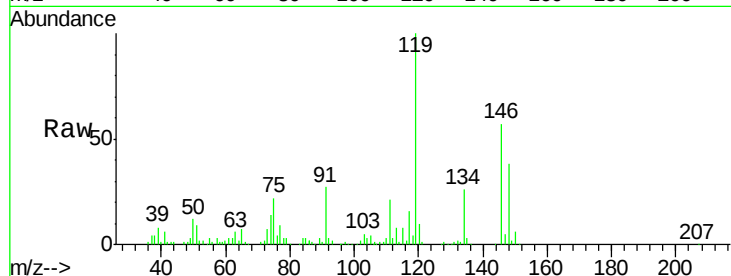
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tgt Ion:	146	Resp:	28593
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	62.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 5.413 ug/l

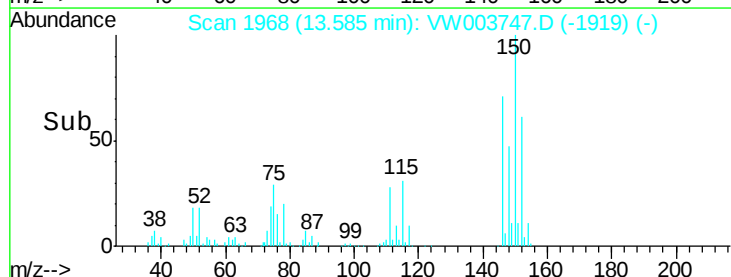
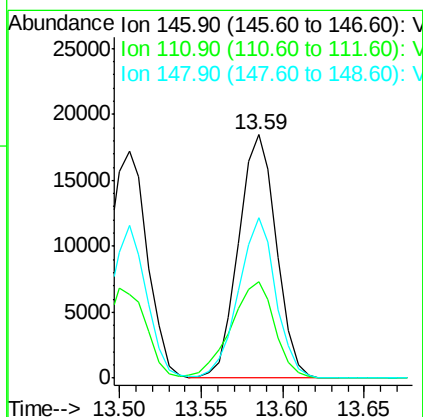
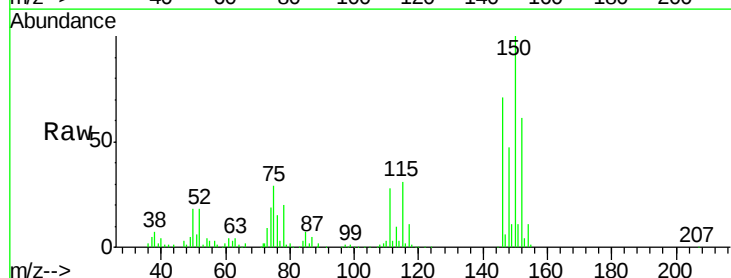
RT: 13.59 min Scan# 1968

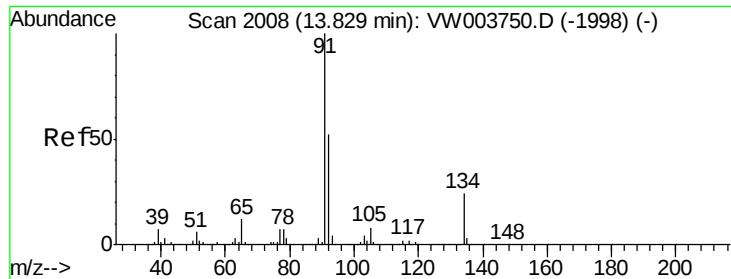
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	146	Resp:	29776
Ion	Ratio	Lower	Upper
146	100		
111	45.8	19.4	58.4
148	65.5	31.9	95.7





#89

n-Butylbenzene

Concen: 4.450 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

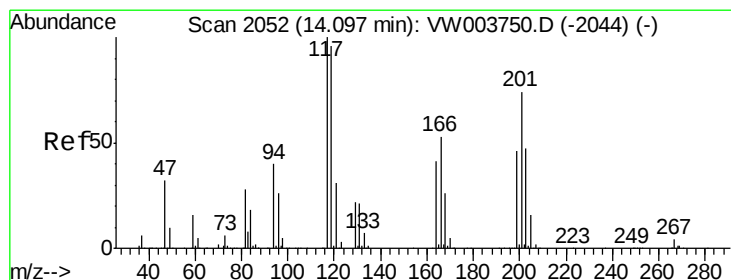
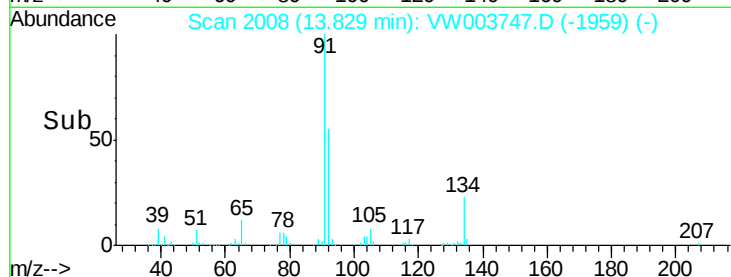
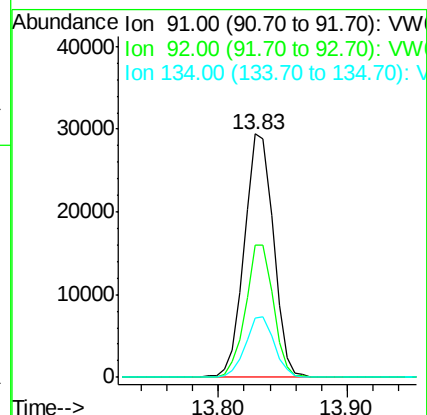
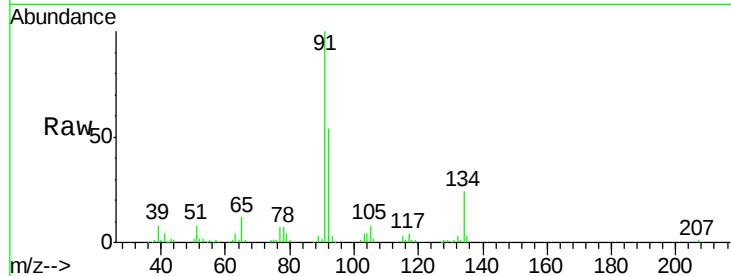
Tgt Ion: 91 Resp: 45911

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 5.317 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VW003747.D

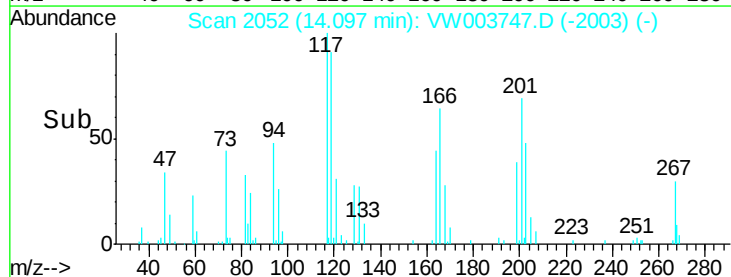
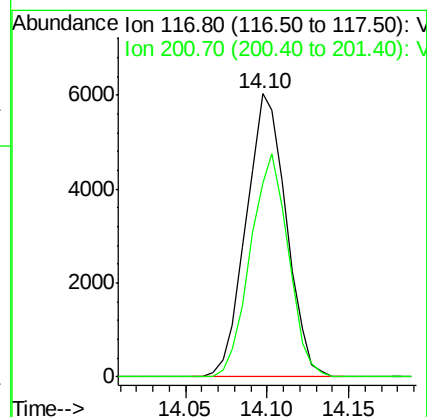
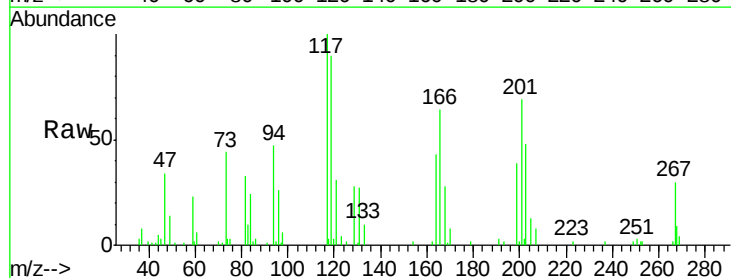
Acq: 06 Jul 2018 22:48

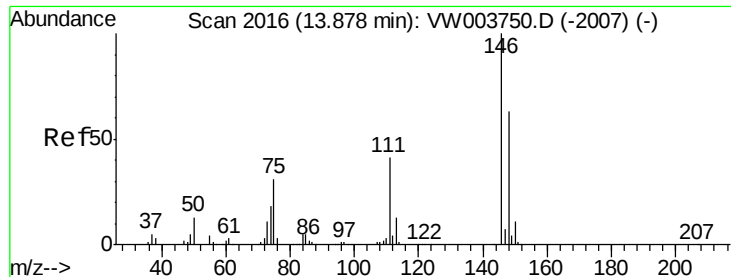
Tgt Ion: 117 Resp: 10343

Ion Ratio Lower Upper

117 100

201 74.4 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 5.178 ug/l

RT: 13.87 min Scan# 2015

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

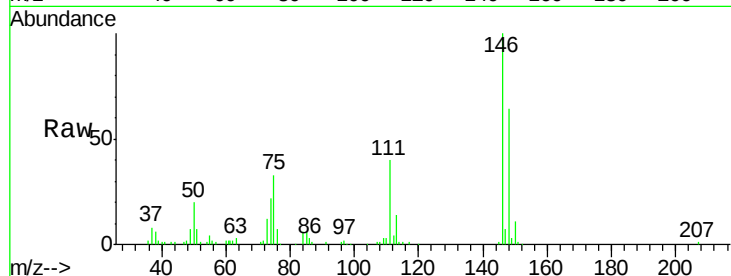
Tgt Ion: 146 Resp: 25517

Ion Ratio Lower Upper

146 100

111 42.8 20.7 62.1

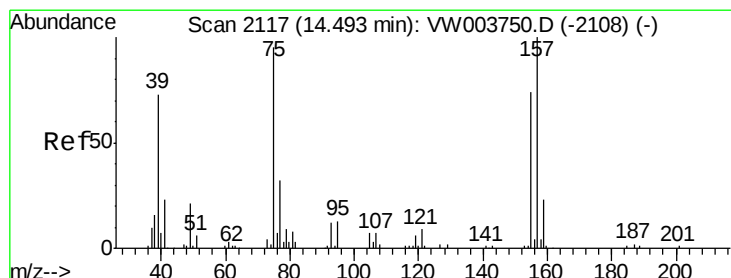
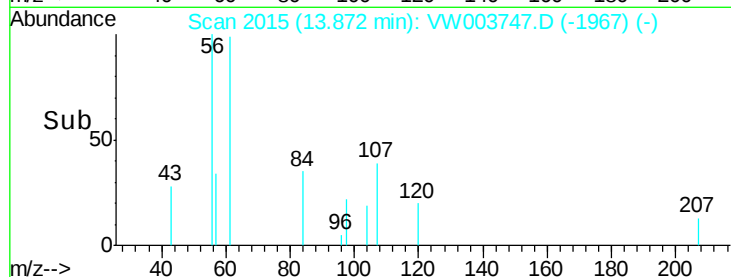
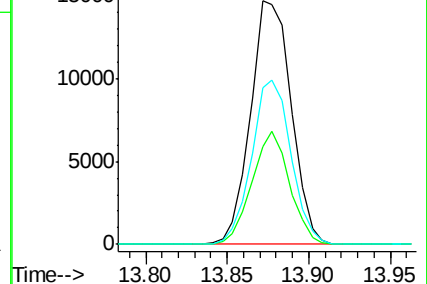
148 65.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.134 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

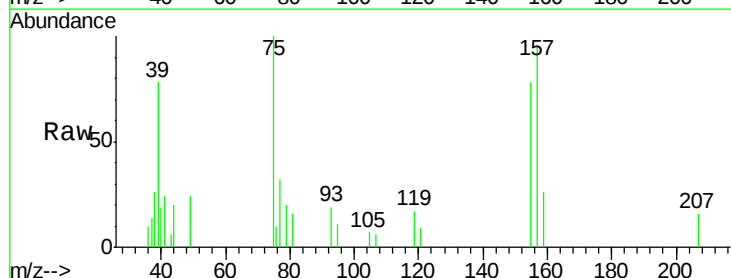
Tgt Ion: 75 Resp: 1999

Ion Ratio Lower Upper

75 100

155 76.2 39.2 117.6

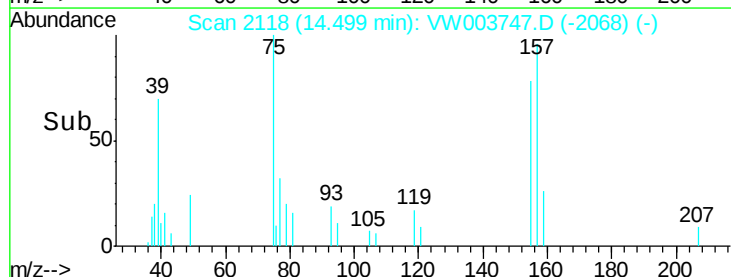
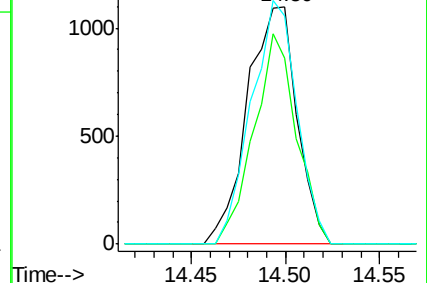
157 94.3 50.7 152.1

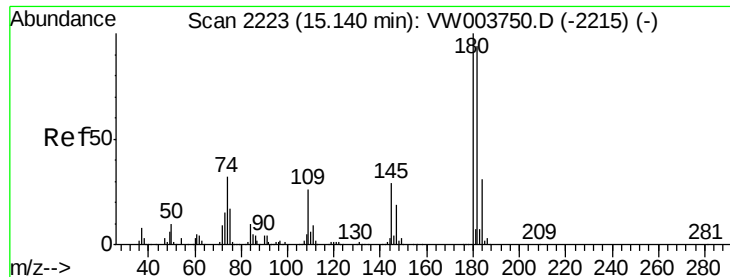


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

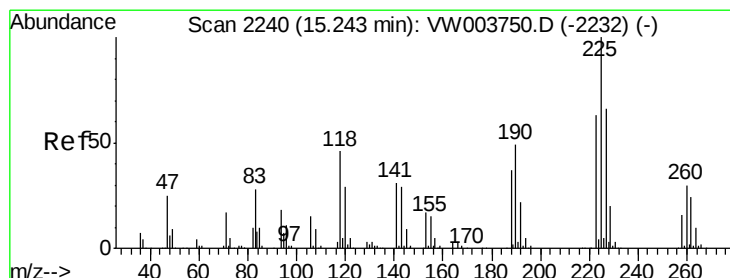
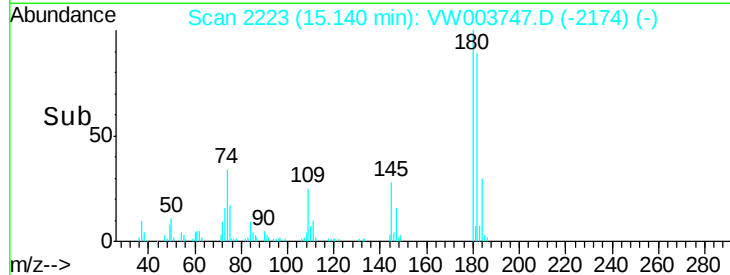
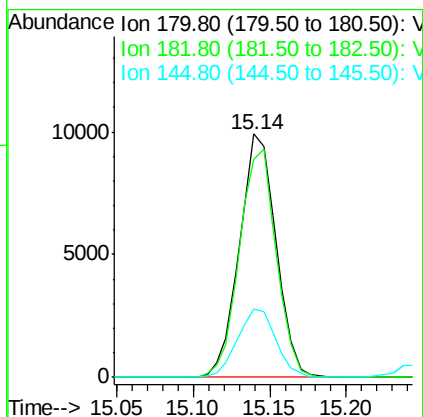
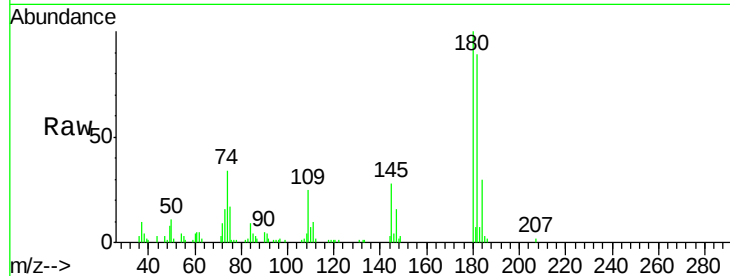




#93
 1,2,4-Trichlorobenzene
 Concen: 4.763 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

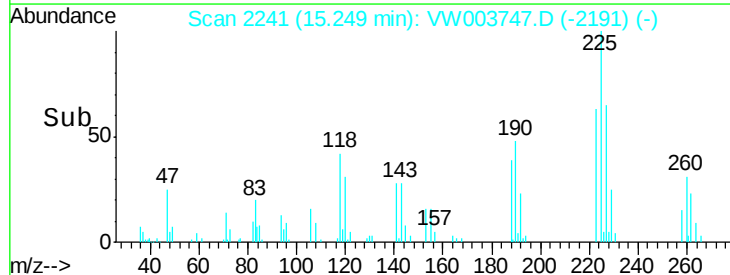
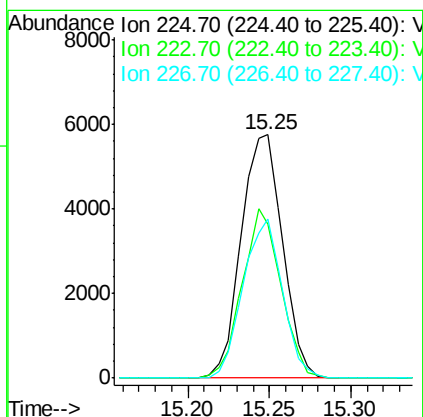
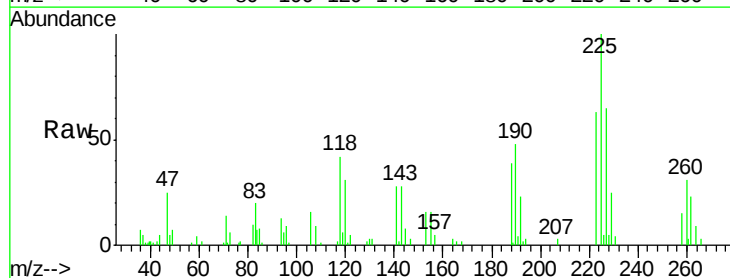
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

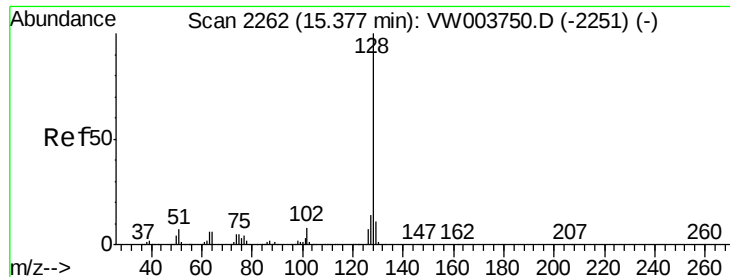
Tgt Ion:180 Resp: 16501
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.4 142.2
 145 29.4 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 5.112 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion:225 Resp: 10160
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.6 97.7
 227 62.0 32.5 97.5

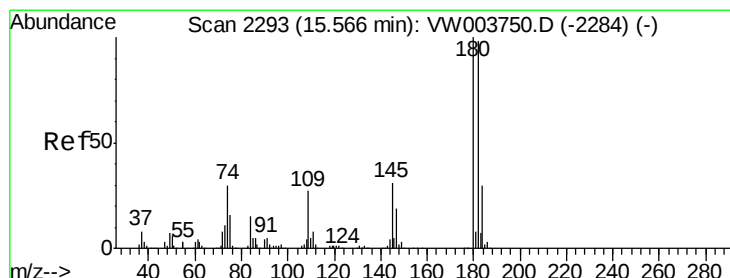
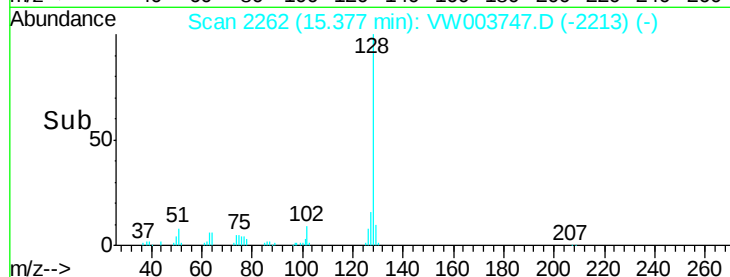
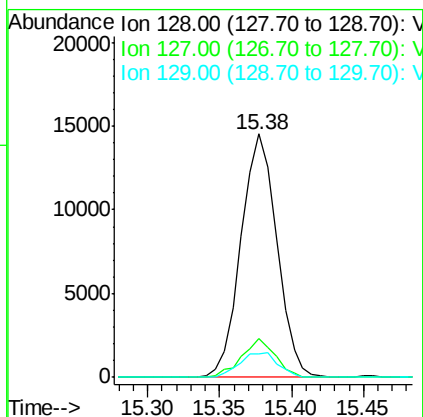
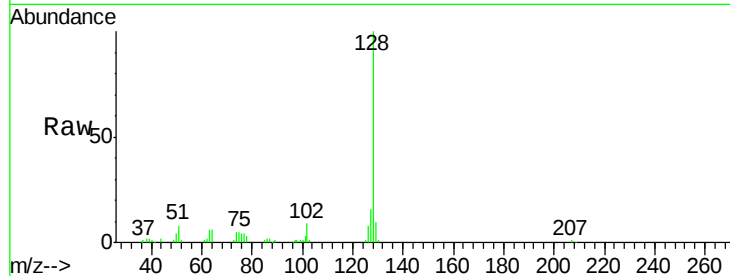




#95
Naphthalene
Concen: 3.968 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tgt Ion:128 Resp: 25117
Ion Ratio Lower Upper
128 100
127 14.8 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.719 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:180 Resp: 14622
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 32.5 15.8 47.4

