

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010011.D
 Acq On : 17 Apr 2019 10:55
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 18 01:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 01:42:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	553347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	505694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	17184	4.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.24%	
35) Dibromofluoromethane	7.88	113	15656	4.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.90%	
50) Toluene-d8	10.32	98	47595	3.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.22%	
62) 4-Bromofluorobenzene	12.62	95	18524	3.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	9961	3.927 ug/l	92
3) Chloromethane	2.21	50	9454	3.664 ug/l	100
4) Vinyl Chloride	2.37	62	11027	3.677 ug/l	95
5) Bromomethane	2.78	94	8181	4.059 ug/l	94
6) Chloroethane	2.92	64	8114	4.141 ug/l #	88
7) Trichlorofluoromethane	3.26	101	8279	3.993 ug/l	93
8) Diethyl Ether	3.68	74	8327	4.828 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15803	4.650 ug/l	98
10) Methyl Iodide	4.26	142	20304	4.211 ug/l	98
11) Tert butyl alcohol	5.17	59	3038	12.811 ug/l	99
12) 1,1-Dichloroethene	4.03	96	14606	4.367 ug/l	84
13) Acrolein	3.88	56	7270	29.055 ug/l	89
14) Allyl chloride	4.67	41	25892	4.354 ug/l	99
15) Acrylonitrile	5.37	53	20286	22.854 ug/l	96
16) Acetone	4.12	43	24659	25.453 ug/l	93
17) Carbon Disulfide	4.37	76	25943	2.827 ug/l	97
18) Methyl Acetate	4.67	43	13718	6.118 ug/l #	90
19) Methyl tert-butyl Ether	5.43	73	19728	4.541 ug/l	91
20) Methylene Chloride	4.92	84	31174	6.994 ug/l #	79
21) trans-1,2-Dichloroethene	5.42	96	14896	4.112 ug/l	98
22) Diisopropyl ether	6.31	45	50556	4.191 ug/l	95
23) Vinyl Acetate	6.25	43	136769	18.011 ug/l	98
24) 1,1-Dichloroethane	6.21	63	33767	4.683 ug/l #	97
25) 2-Butanone	7.17	43	26934	21.164 ug/l	97
26) 2,2-Dichloropropane	7.16	77	19573	4.906 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	17676	4.437 ug/l	94
28) Bromochloromethane	7.51	49	13904	4.718 ug/l #	18
29) Tetrahydrofuran	7.52	42	16311	20.227 ug/l	99
30) Chloroform	7.67	83	34380	4.758 ug/l	96
31) Cyclohexane	7.95	56	31875	4.720 ug/l #	76
32) 1,1,1-Trichloroethane	7.87	97	26994	4.759 ug/l	92
36) 1,1-Dichloropropene	8.08	75	23948	4.237 ug/l	95
37) Ethyl Acetate	7.25	43	13114	4.566 ug/l	99
38) Carbon Tetrachloride	8.07	117	24908	4.515 ug/l	97

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 Data File : VW010011.D
 Acq On : 17 Apr 2019 10:55
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 18 01:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 01:42:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22442	3.528	ug/l	96
40) Benzene	8.32	78	68200	4.413	ug/l	95
41) Methacrylonitrile	7.49	41	6278	3.835	ug/l #	93
42) 1,2-Dichloroethane	8.40	62	25049	4.716	ug/l	100
43) Isopropyl Acetate	8.43	43	22915	4.258	ug/l	97
44) Trichloroethene	9.09	130	17269	4.399	ug/l	98
45) 1,2-Dichloropropane	9.37	63	18625	4.585	ug/l	98
46) Dibromomethane	9.46	93	9802	4.655	ug/l	98
47) Bromodichloromethane	9.65	83	23960	4.408	ug/l	95
48) Methyl methacrylate	9.44	41	11384	4.345	ug/l	93
49) 1,4-Dioxane	9.46	88	2613	81.220	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	58937	20.907	ug/l	96
52) Toluene	10.39	92	39616	4.115	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	22290	4.136	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	25508	4.145	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13549	4.610	ug/l	93
56) Ethyl methacrylate	10.65	69	12630	3.457	ug/l	93
57) 1,3-Dichloropropane	10.93	76	24330	4.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	36924	21.027	ug/l	99
59) 2-Hexanone	10.97	43	37692	19.208	ug/l	95
60) Dibromochloromethane	11.13	129	14778	4.351	ug/l	100
61) 1,2-Dibromoethane	11.24	107	12689	4.539	ug/l	98
64) Tetrachloroethene	10.86	164	14936	4.550	ug/l	97
65) Chlorobenzene	11.66	112	48577	4.693	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	17135	4.629	ug/l	95
67) Ethyl Benzene	11.73	91	78146	4.232	ug/l	98
68) m/p-Xylenes	11.84	106	57290	8.299	ug/l	98
69) o-Xylene	12.17	106	24970	3.973	ug/l	95
70) Styrene	12.18	104	41662	3.844	ug/l	100
71) Bromoform	12.35	173	8997	4.597	ug/l #	99
73) Isopropylbenzene	12.47	105	71581	4.066	ug/l	100
74) N-amyl acetate	12.27	43	18146	3.722	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16967	4.879	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	21206	6.994	ug/l #	100
77) Bromobenzene	12.75	156	18035	4.455	ug/l	99
78) n-propylbenzene	12.80	91	90453	4.146	ug/l	99
79) 2-Chlorotoluene	12.90	91	55943	4.459	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	60838	4.076	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	4252	3.961	ug/l	89
82) 4-Chlorotoluene	12.99	91	57708	4.370	ug/l	100
83) tert-Butylbenzene	13.21	119	50475	4.084	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	62060	4.101	ug/l	100
85) sec-Butylbenzene	13.39	105	79947	4.328	ug/l	100
86) p-Isopropyltoluene	13.50	119	65418	4.018	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	38926	4.756	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40580	4.968	ug/l	91
89) n-Butylbenzene	13.83	91	66103	4.098	ug/l	99
90) Hexachloroethane	14.10	117	14210	4.557	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	34781	4.740	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2922	4.695	ug/l	93

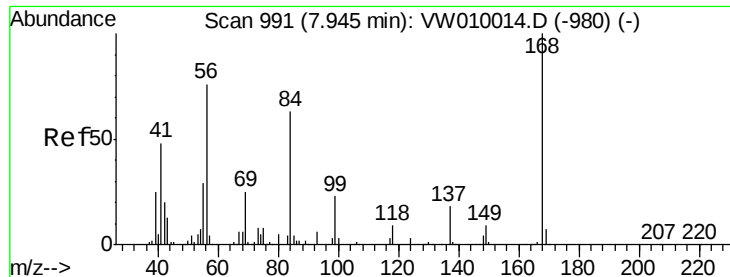
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
Data File : VW010011.D
Acq On : 17 Apr 2019 10:55
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Apr 18 01:45:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 01:42:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21671	4.477	ug/l	97
94) Hexachlorobutadiene	15.24	225	14085	4.791	ug/l	99
95) Naphthalene	15.37	128	31859	3.666	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	18410	4.383	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

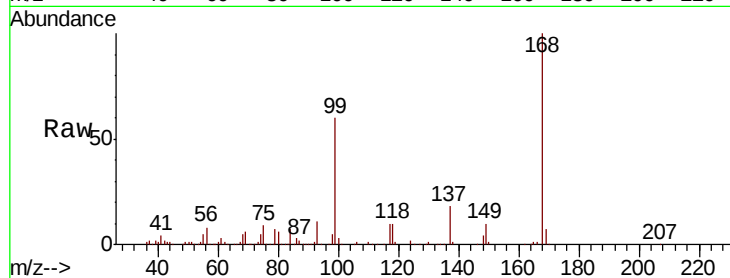
VSTDIC005

Tgt Ion:168 Resp: 338359

Ion Ratio Lower Upper

168 100

99 60.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

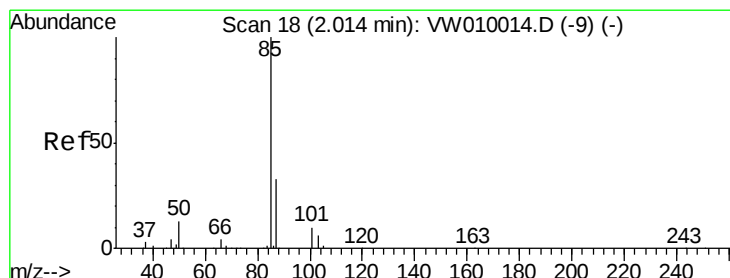
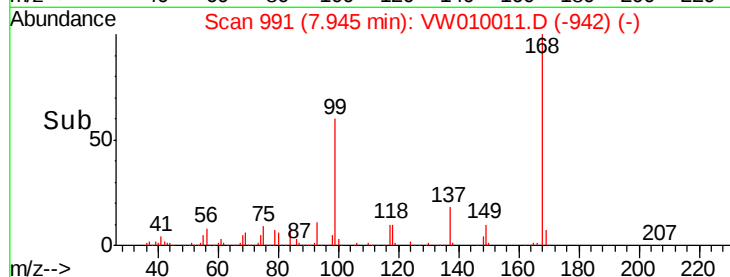
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.927 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW010011.D

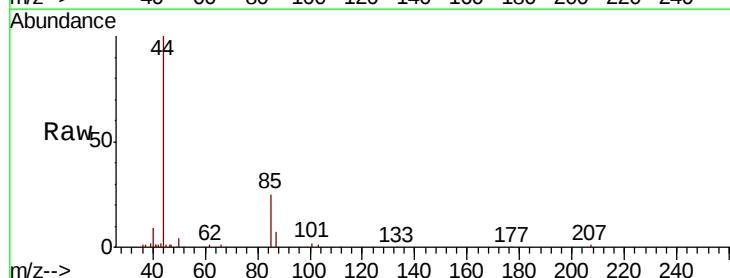
Acq: 17 Apr 2019 10:55

Tgt Ion: 85 Resp: 9961

Ion Ratio Lower Upper

85 100

87 27.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

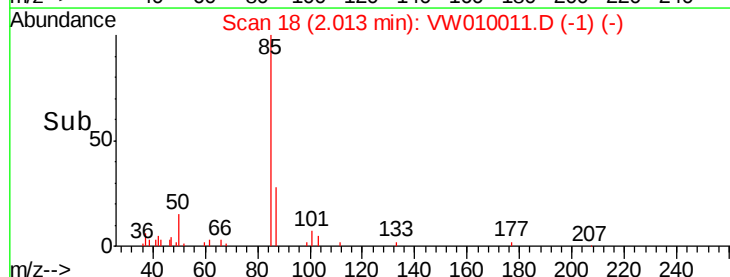
3000

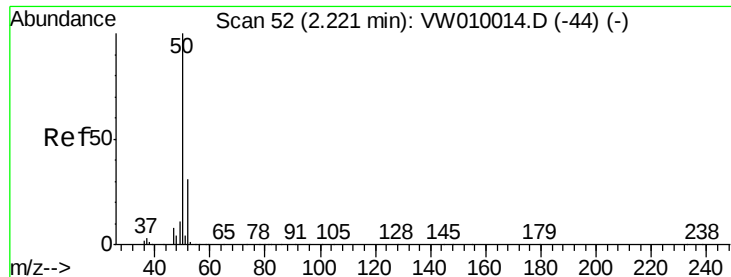
2000

1000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 3.664 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

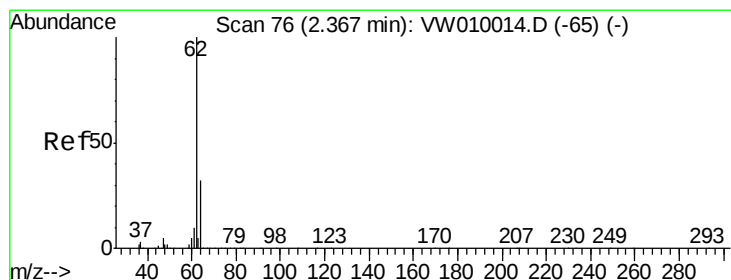
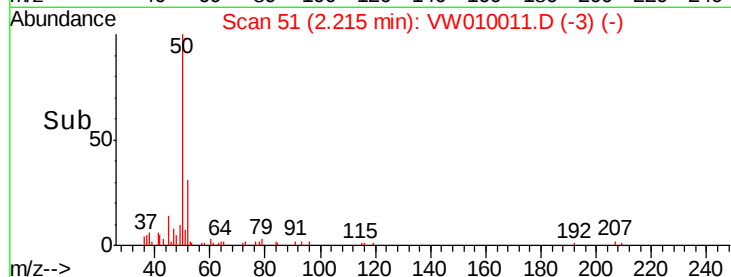
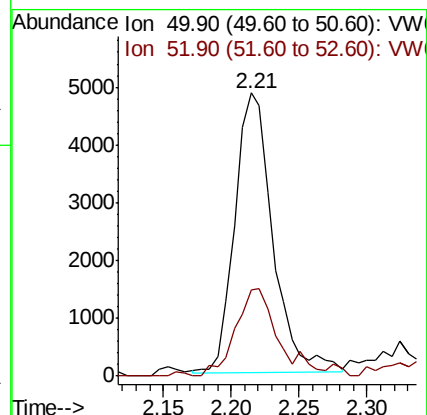
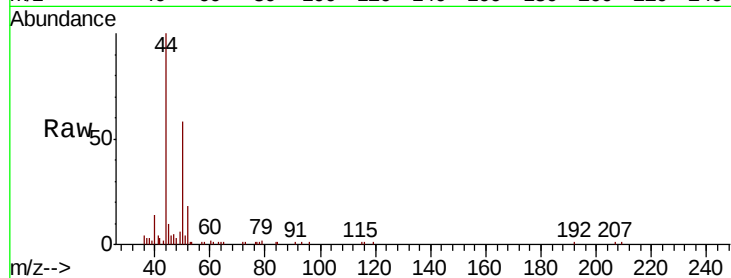
VSTDIC005

Tgt Ion: 50 Resp: 9454

Ion Ratio Lower Upper

50 100

52 31.3 25.0 37.6



#4

Vinyl Chloride

Concen: 3.677 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010011.D

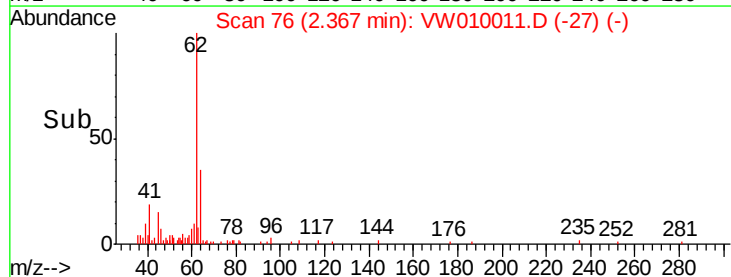
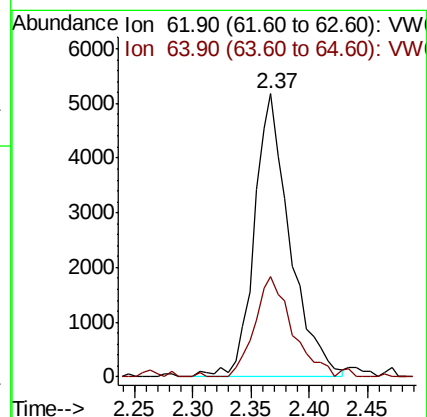
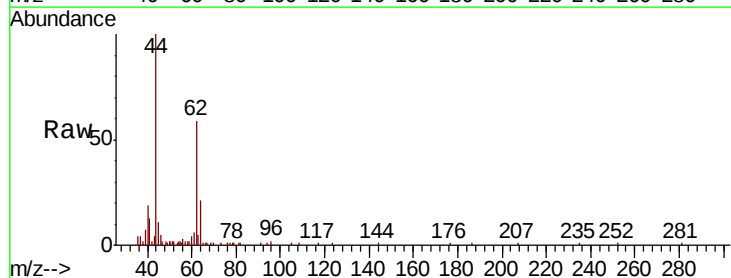
Acq: 17 Apr 2019 10:55

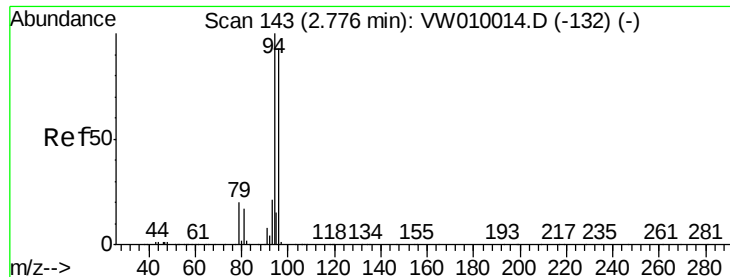
Tgt Ion: 62 Resp: 11027

Ion Ratio Lower Upper

62 100

64 35.4 25.9 38.9





#5

Bromomethane

Concen: 4.059 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

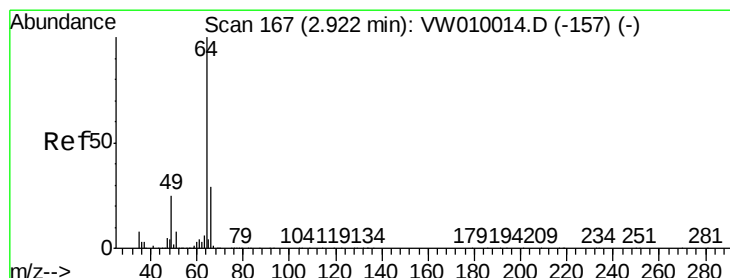
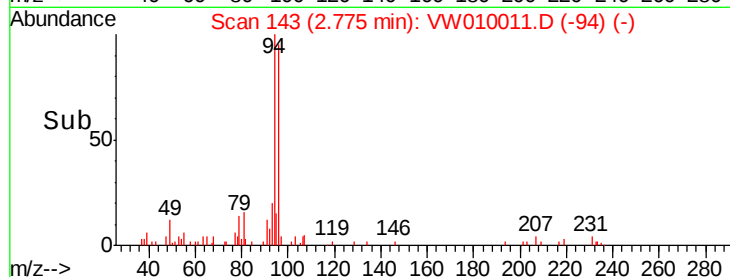
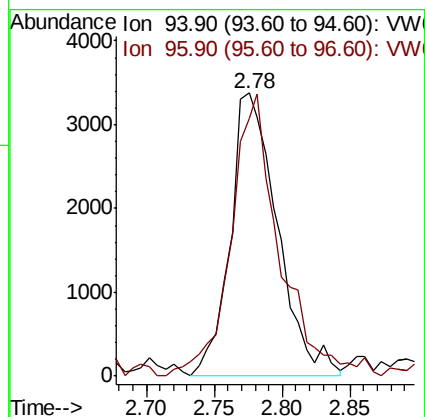
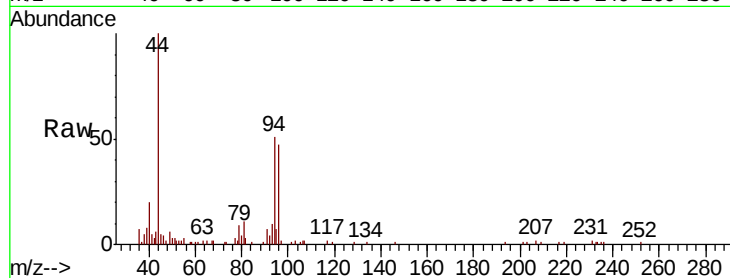
VSTDIC005

Tgt Ion: 94 Resp: 8181

Ion Ratio Lower Upper

94 100

96 86.7 74.2 111.2



#6

Chloroethane

Concen: 4.141 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010011.D

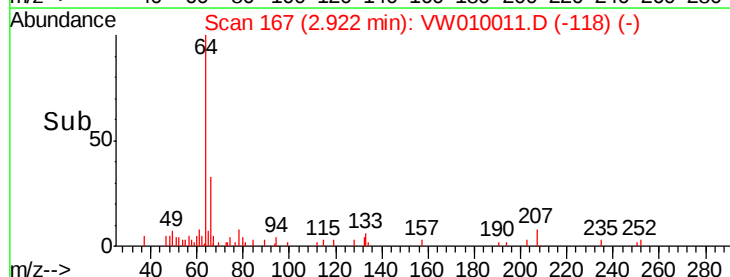
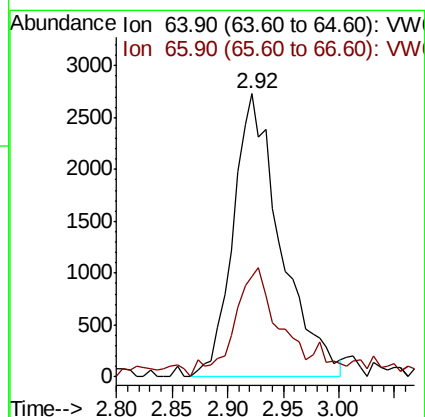
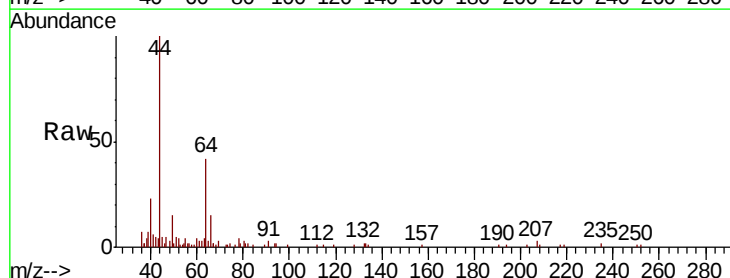
Acq: 17 Apr 2019 10:55

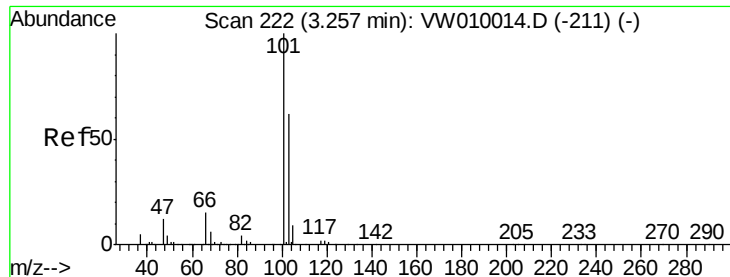
Tgt Ion: 64 Resp: 8114

Ion Ratio Lower Upper

64 100

66 35.4 23.4 35.0#



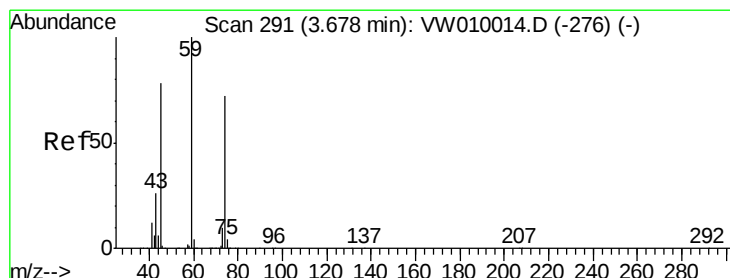
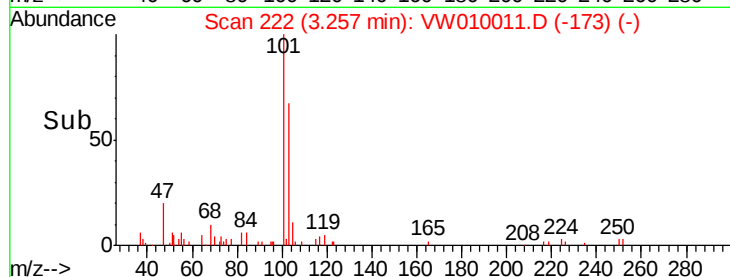
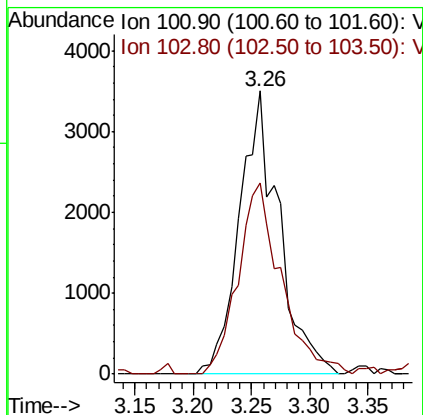
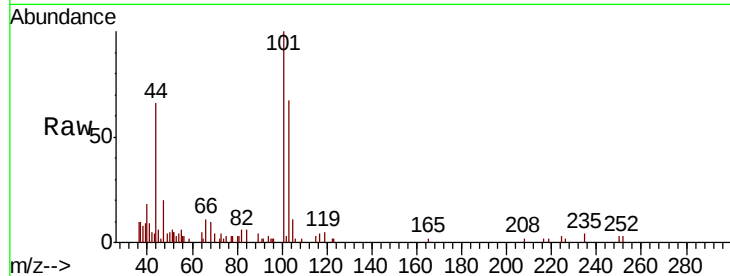


#7

Trichlorofluoromethane
 Concen: 3.993 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

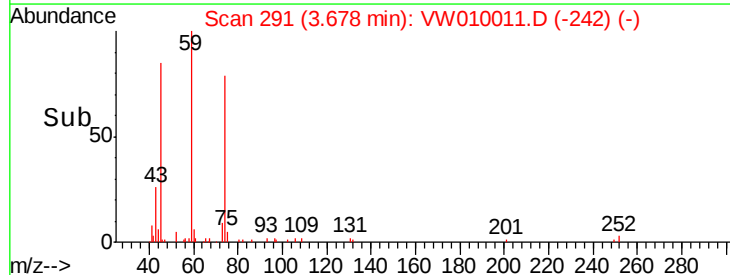
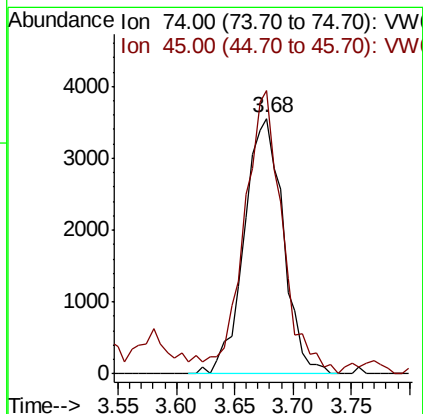
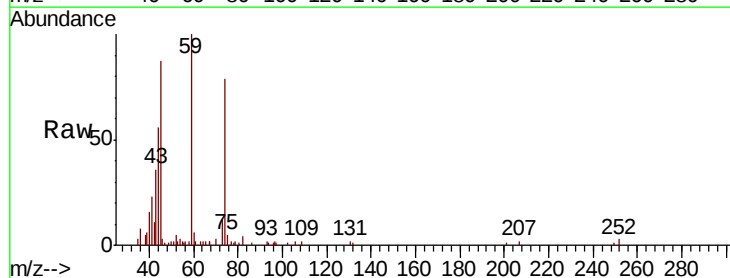
Tgt Ion:101 Resp: 8279
 Ion Ratio Lower Upper
 101 100
 103 67.4 49.8 74.6

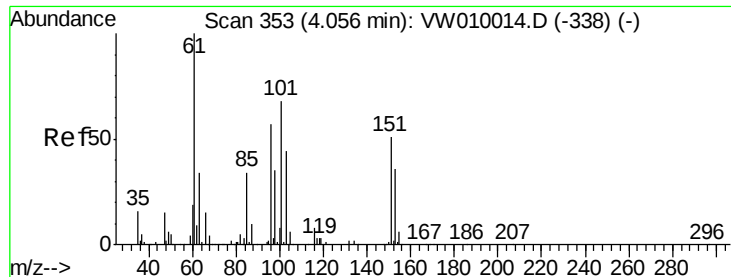


#8

Diethyl Ether
 Concen: 4.828 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 74 Resp: 8327
 Ion Ratio Lower Upper
 74 100
 45 108.2 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.650 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

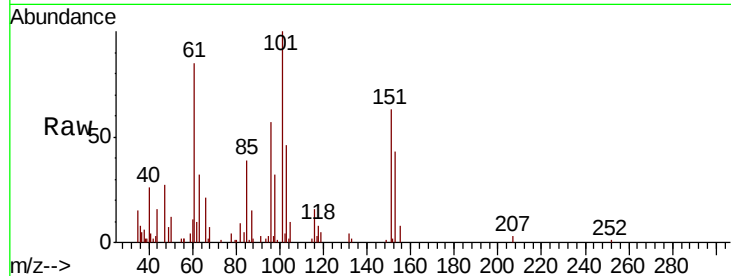
Tgt Ion:101 Resp: 15803

Ion Ratio Lower Upper

101 100

85 43.9 36.3 54.5

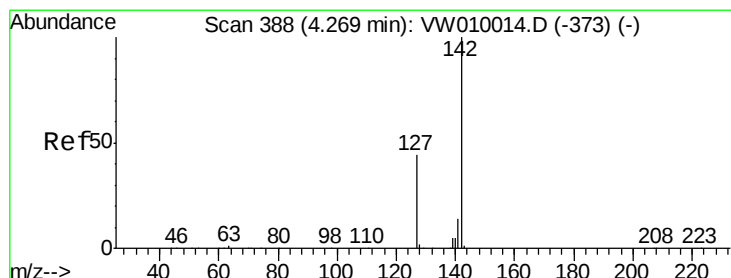
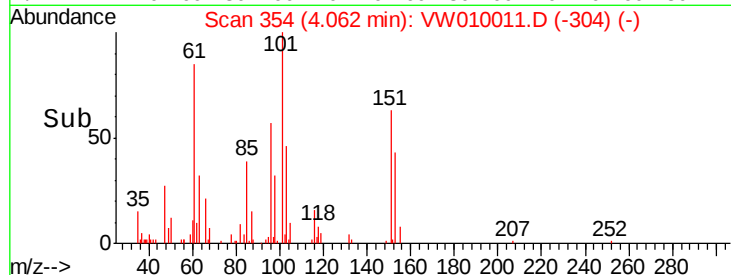
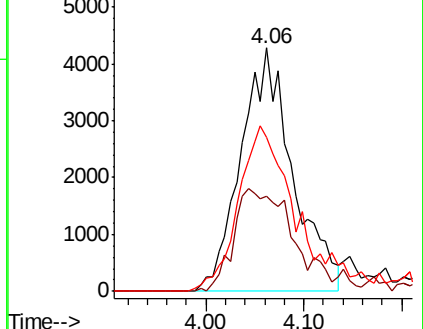
151 76.1 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.211 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

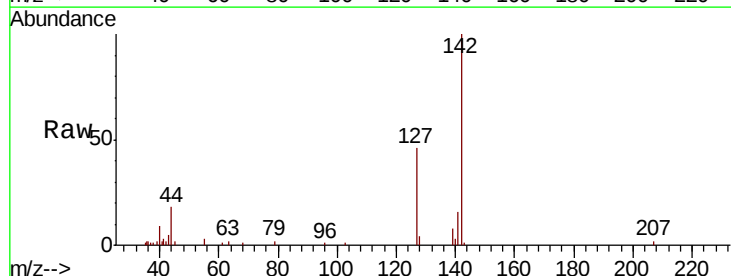
Tgt Ion:142 Resp: 20304

Ion Ratio Lower Upper

142 100

127 49.2 38.1 57.1

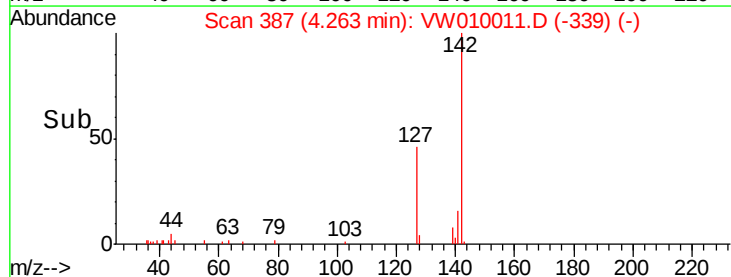
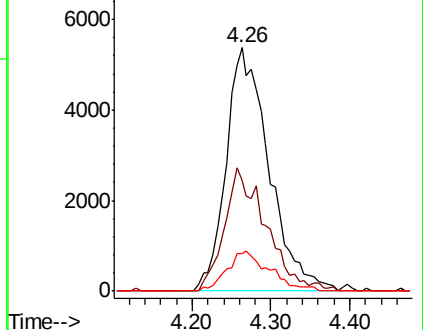
141 16.3 12.2 18.2

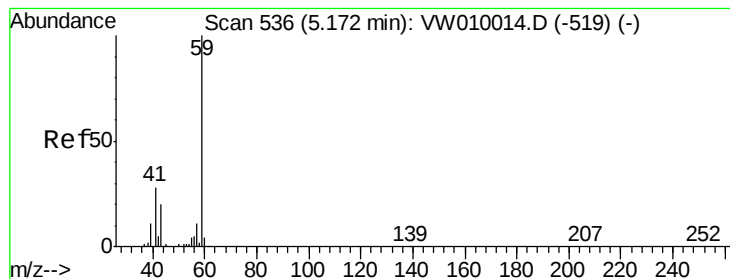


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



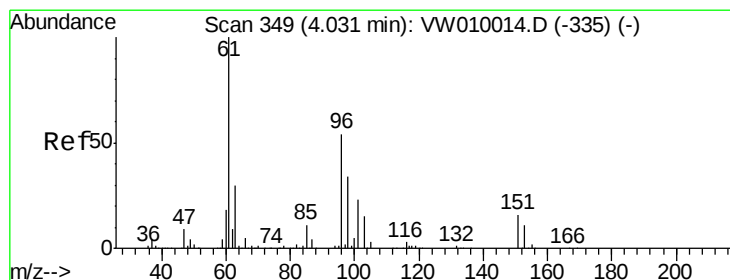
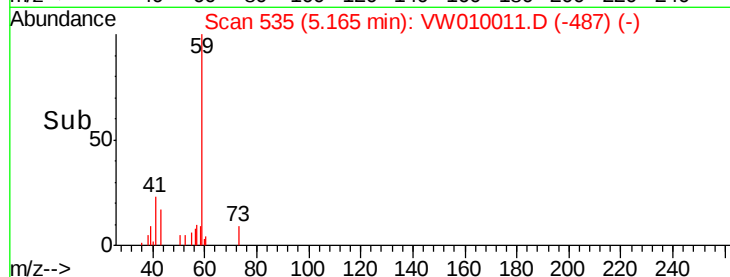
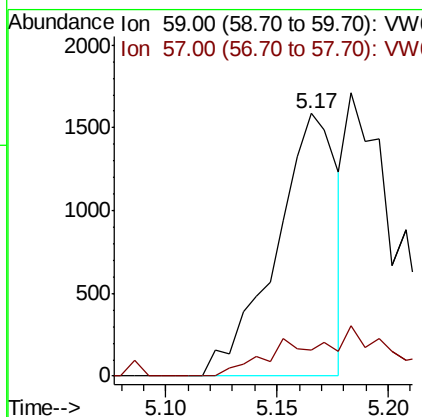
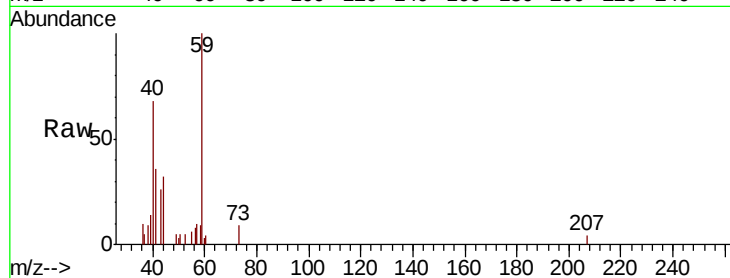


#11

Tert butyl alcohol
 Concen: 12.811 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

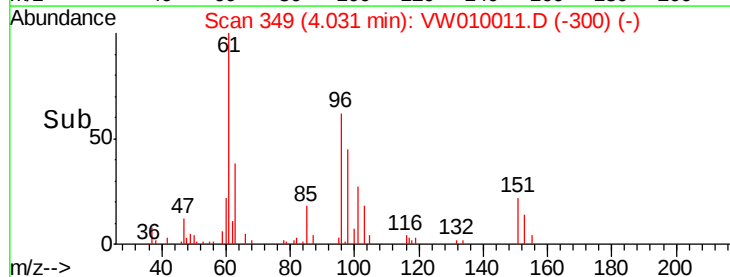
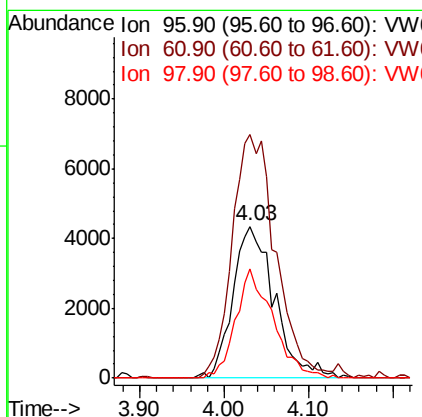
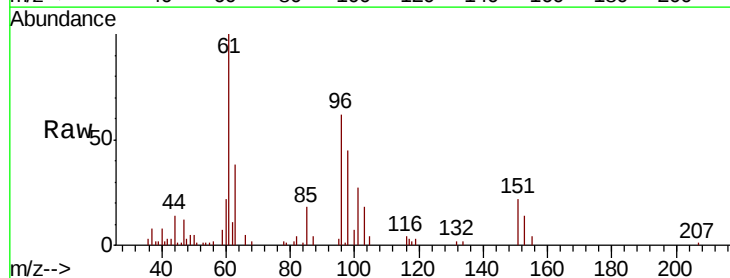
Tgt Ion: 59 Resp: 3038
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.4

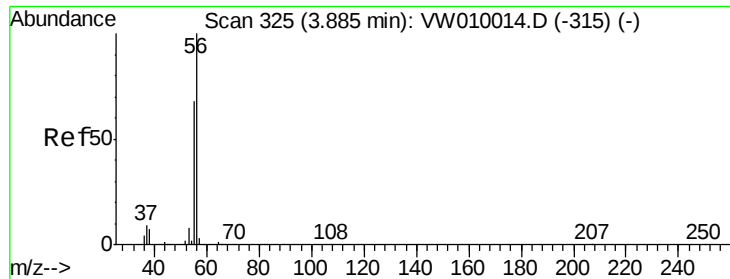


#12

1,1-Dichloroethene
 Concen: 4.367 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 96 Resp: 14606
 Ion Ratio Lower Upper
 96 100
 61 160.2 147.4 221.2
 98 72.0 49.7 74.5





#13

Acrolein

Concen: 29.055 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

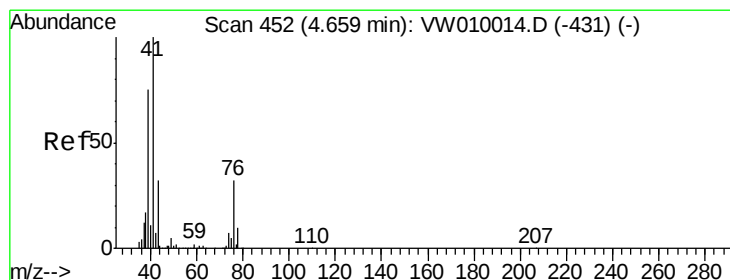
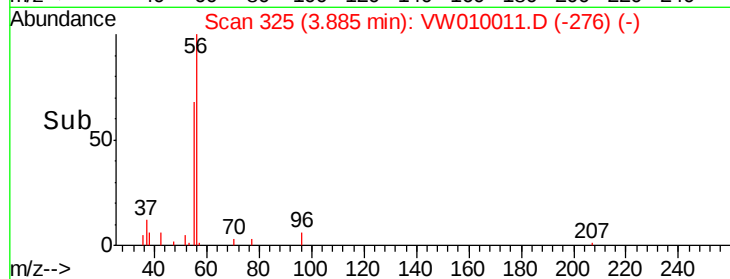
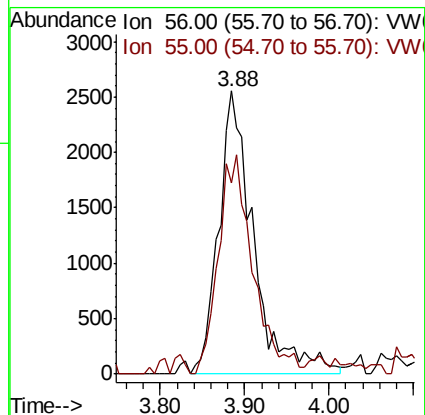
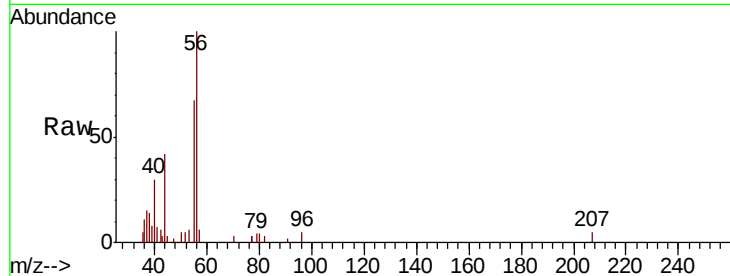
VSTDIC005

Tgt Ion: 56 Resp: 7270

Ion Ratio Lower Upper

56 100

55 76.8 54.2 81.2



#14

Allyl chloride

Concen: 4.354 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

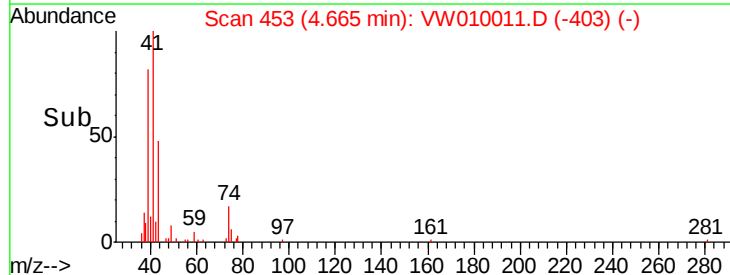
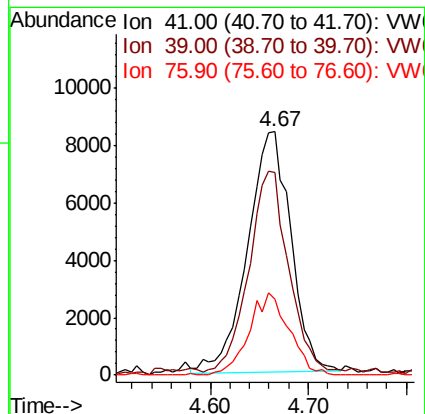
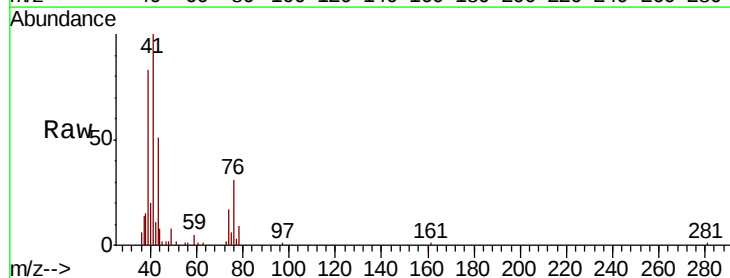
Tgt Ion: 41 Resp: 25892

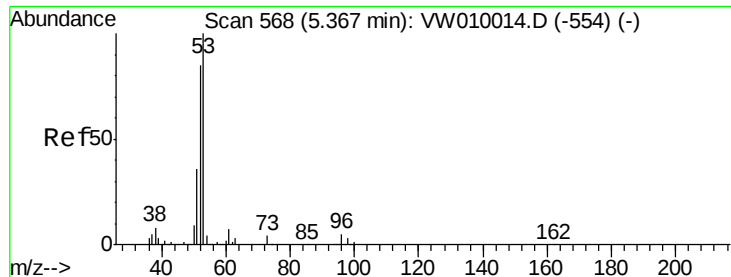
Ion Ratio Lower Upper

41 100

39 76.0 60.2 90.4

76 31.6 25.0 37.6





#15

Acrylonitrile

Concen: 22.854 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

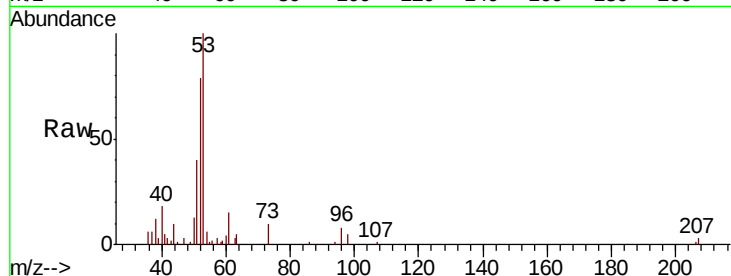
Tgt Ion: 53 Resp: 20286

Ion Ratio Lower Upper

53 100

52 80.3 66.6 100.0

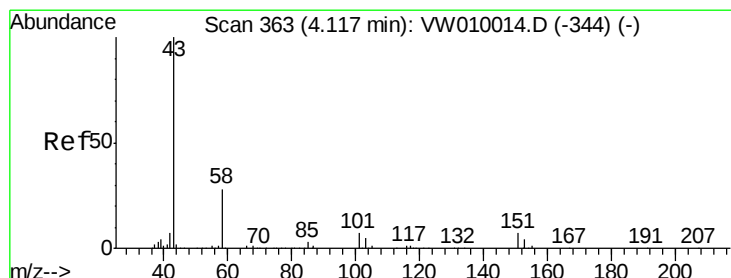
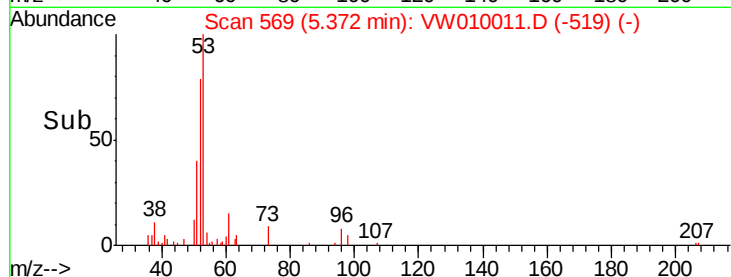
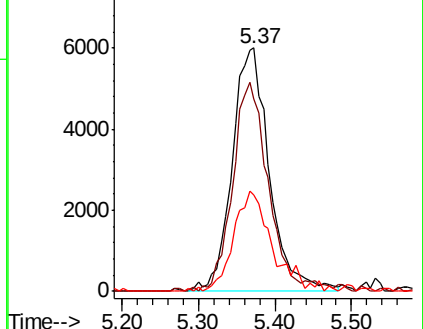
51 41.4 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 25.453 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010011.D

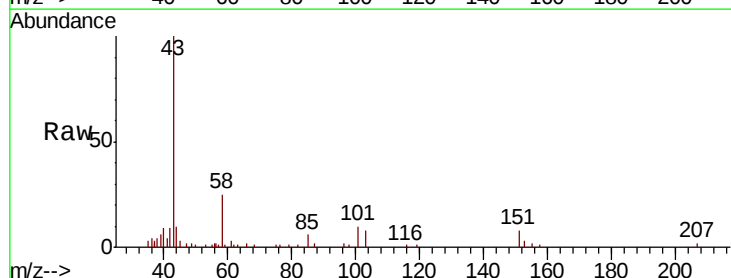
Acq: 17 Apr 2019 10:55

Tgt Ion: 43 Resp: 24659

Ion Ratio Lower Upper

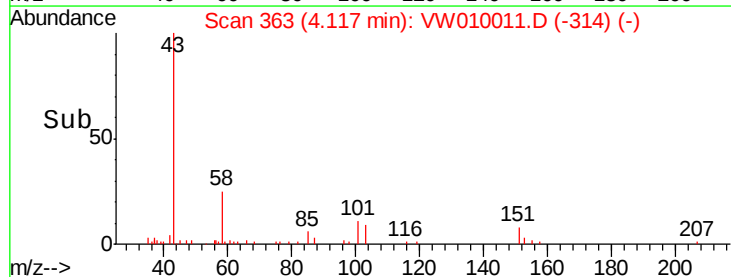
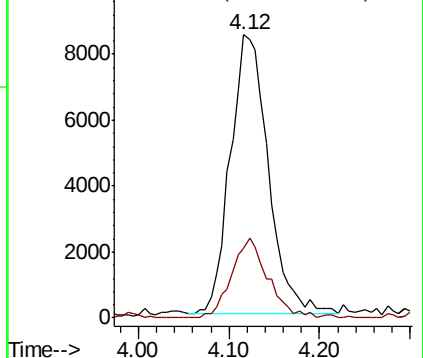
43 100

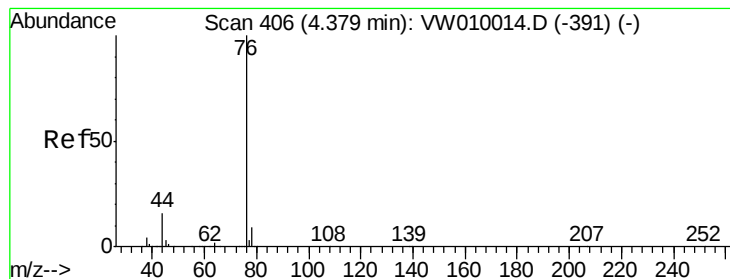
58 24.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.827 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

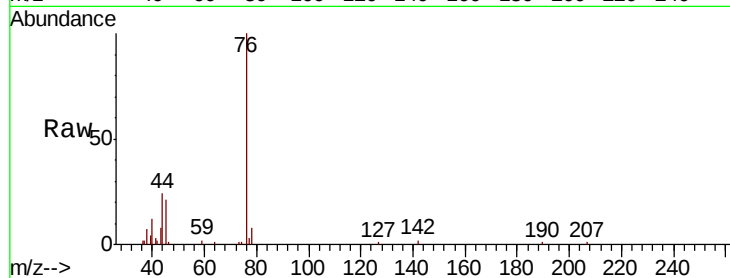
VSTDIC005

Tgt Ion: 76 Resp: 25943

Ion Ratio Lower Upper

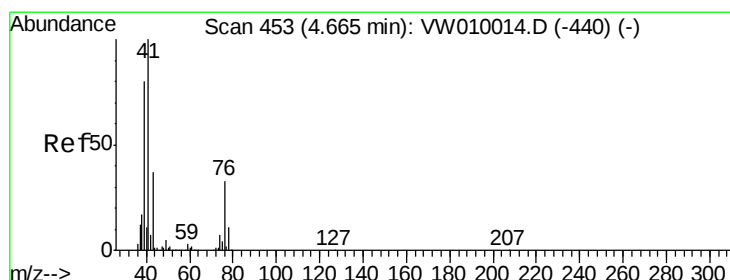
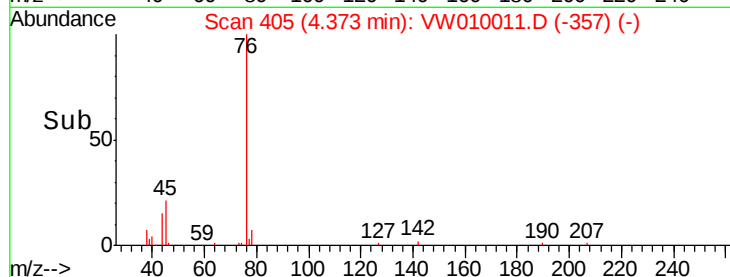
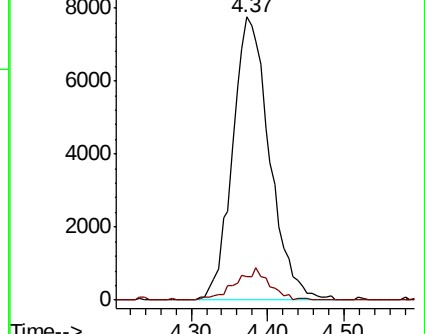
76 100

78 8.1 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: 6.118 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010011.D

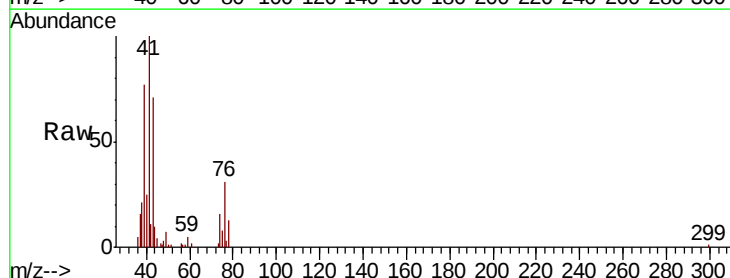
Acq: 17 Apr 2019 10:55

Tgt Ion: 43 Resp: 13718

Ion Ratio Lower Upper

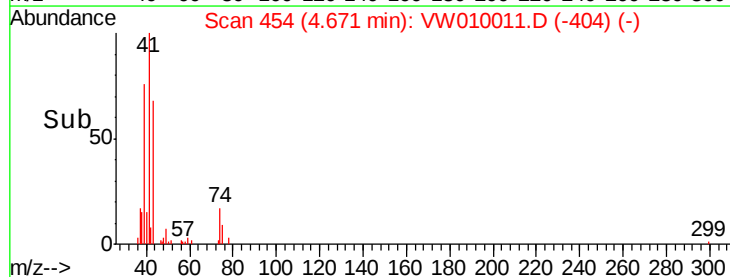
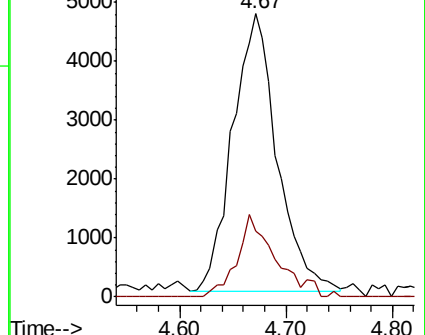
43 100

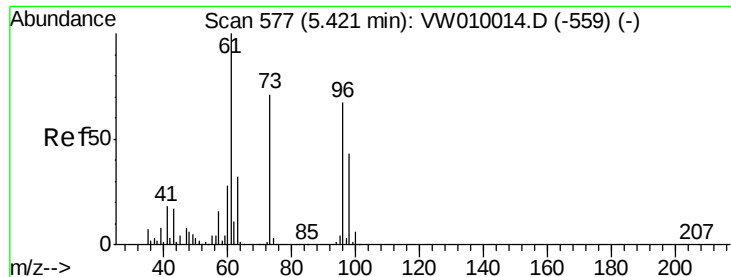
74 25.5 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

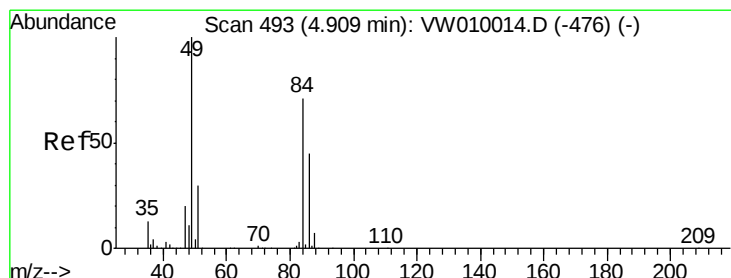
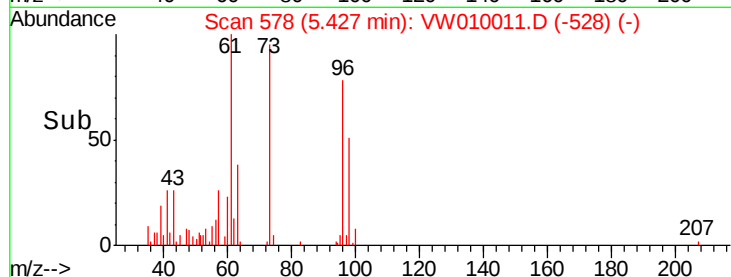
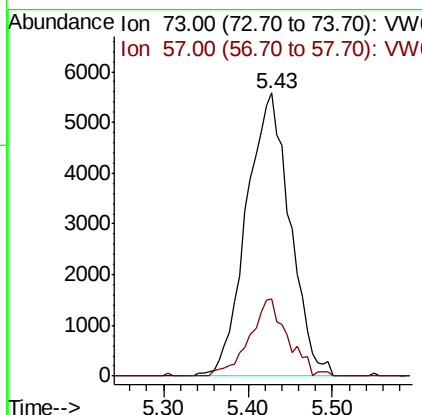
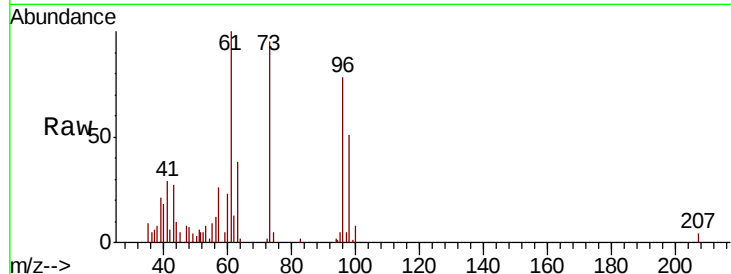




#19
Methyl tert-butyl Ether
Concen: 4.541 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

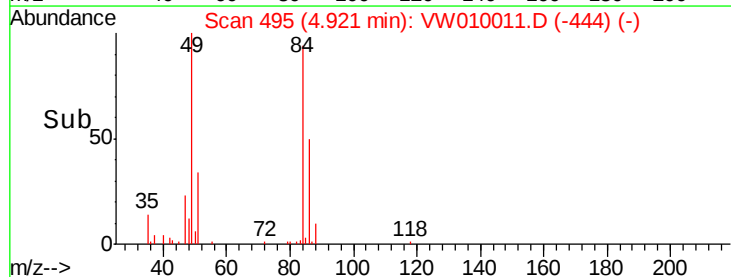
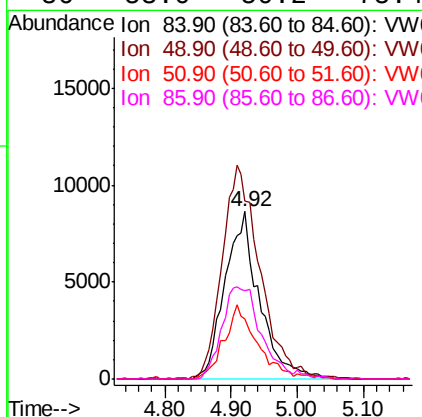
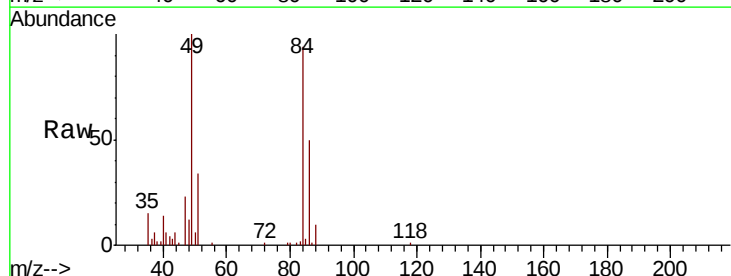
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

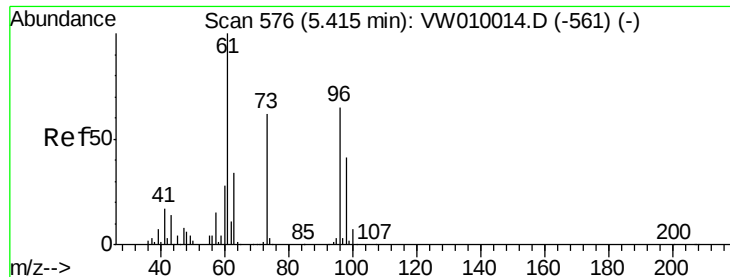
Tgt Ion: 73 Resp: 19728
Ion Ratio Lower Upper
73 100
57 27.5 18.5 27.7



#20
Methylene Chloride
Concen: 6.994 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 84 Resp: 31174
Ion Ratio Lower Upper
84 100
49 106.2 112.3 168.5#
51 35.8 33.9 50.9
86 53.0 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 4.112 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

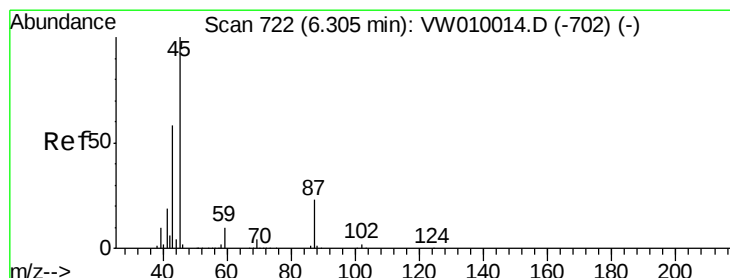
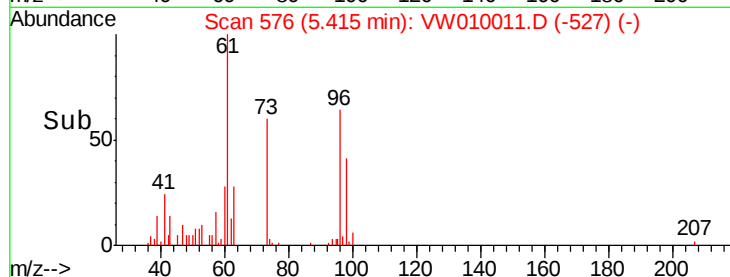
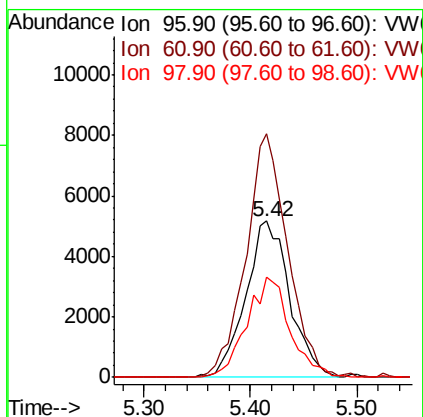
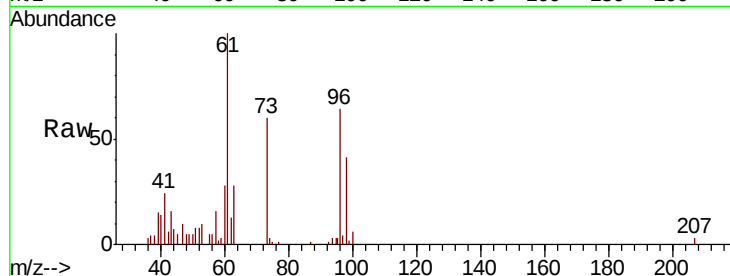
Tgt Ion: 96 Resp: 14896

Ion Ratio Lower Upper

96 100

61 155.8 122.3 183.5

98 64.1 50.5 75.7



#22

Diisopropyl ether

Concen: 4.191 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Tgt Ion: 45 Resp: 50556

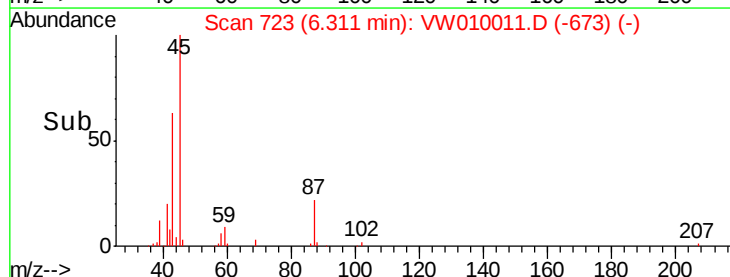
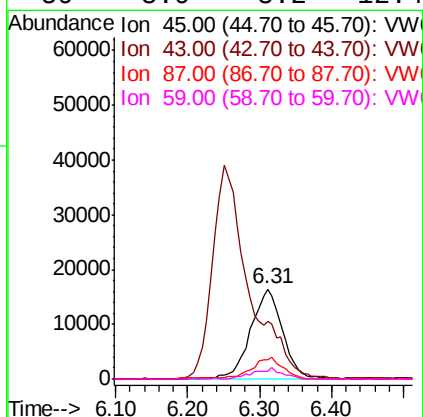
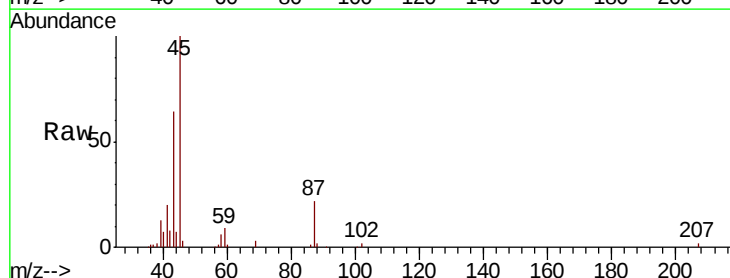
Ion Ratio Lower Upper

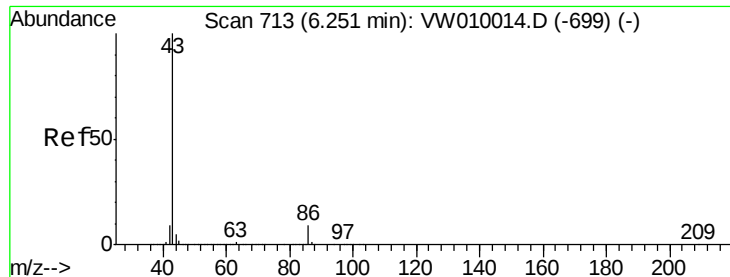
45 100

43 62.7 46.1 69.1

87 21.7 18.3 27.5

59 8.9 8.2 12.4

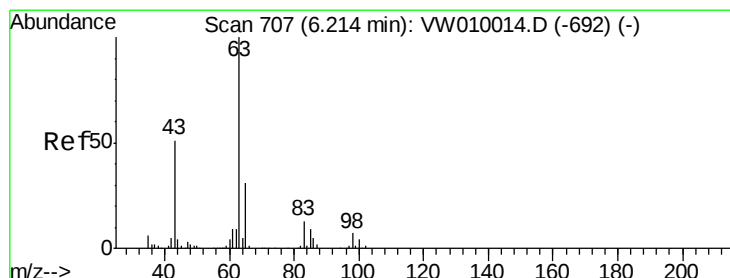
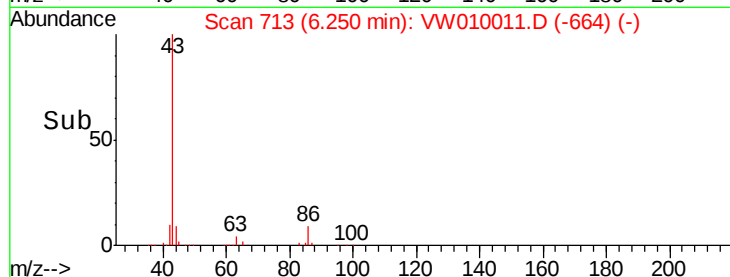
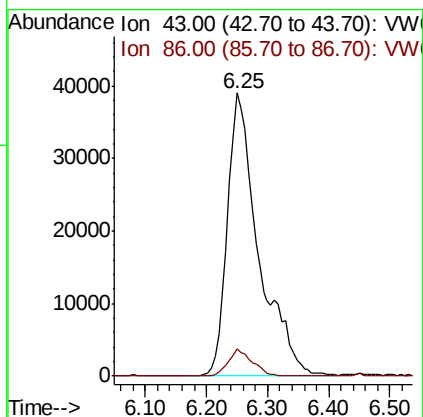
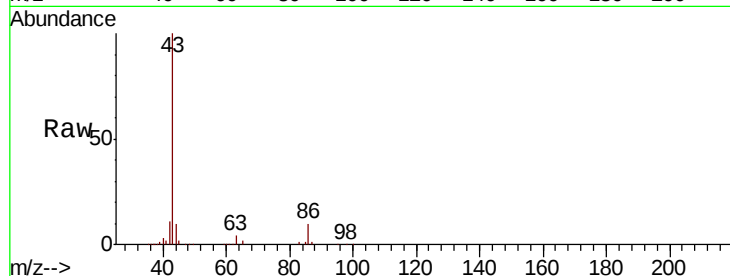




#23
 Vinyl Acetate
 Concen: 18.011 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

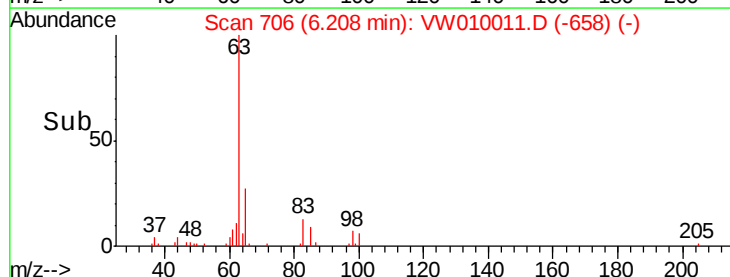
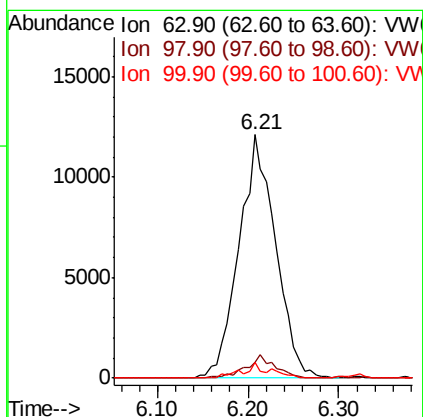
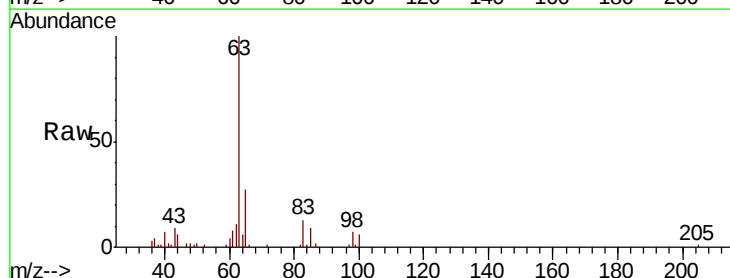
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

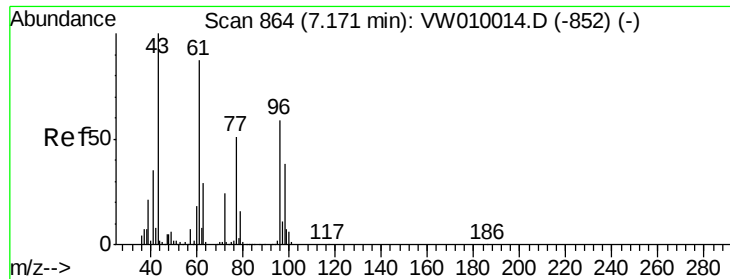
Tgt Ion: 43 Resp: 136769
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 4.683 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 63 Resp: 33767
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 6.4 2.0 6.0#

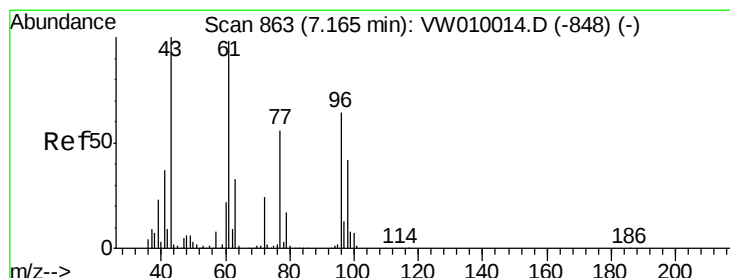
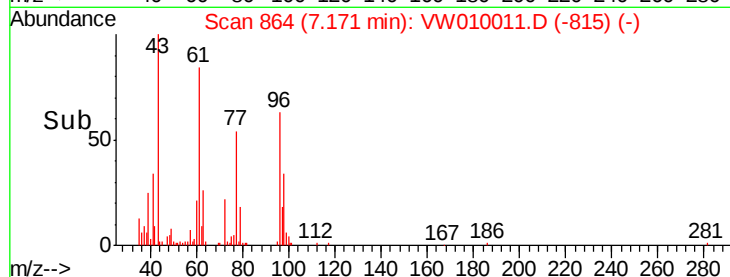
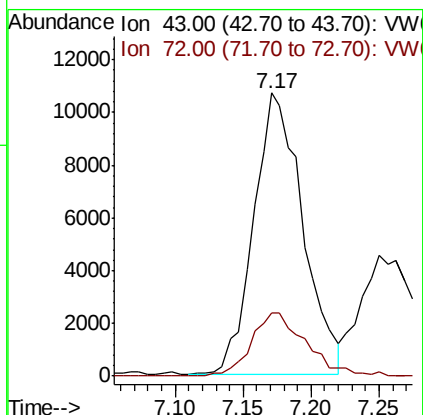
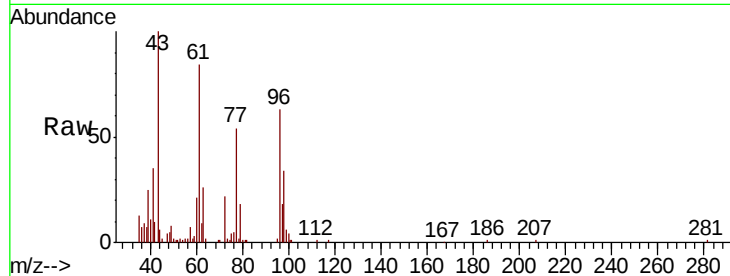




#25
 2-Butanone
 Concen: 21.164 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

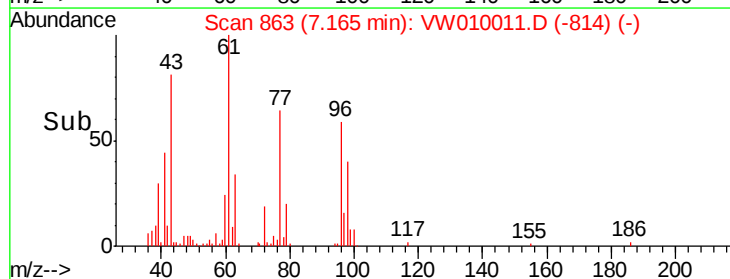
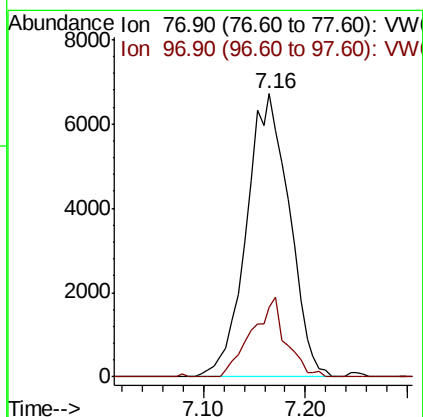
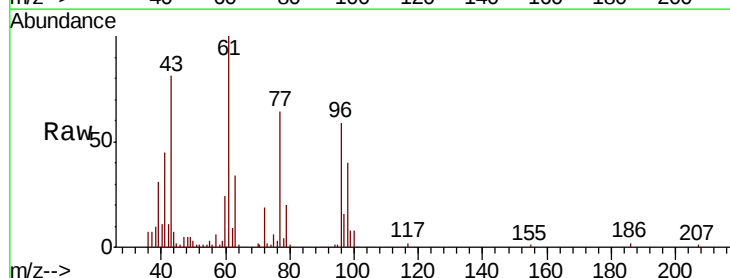
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

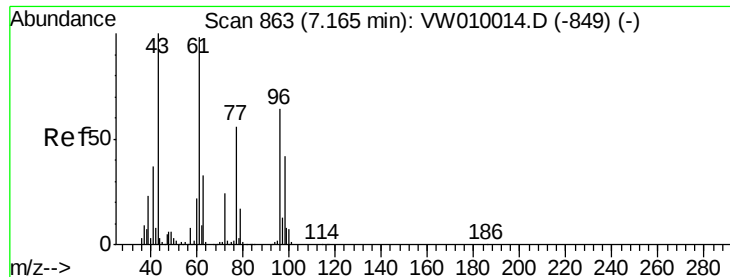
Tgt Ion: 43 Resp: 26934
 Ion Ratio Lower Upper
 43 100
 72 22.3 19.1 28.7



#26
 2,2-Dichloropropane
 Concen: 4.906 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 77 Resp: 19573
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.3 33.9



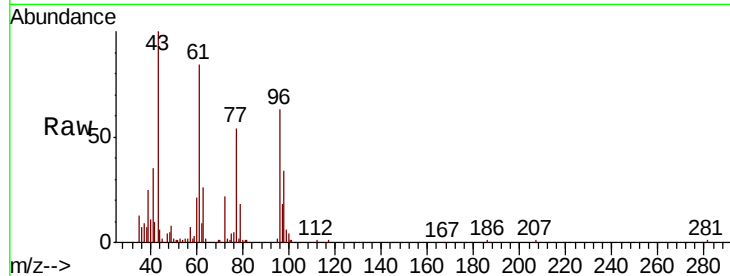


#27

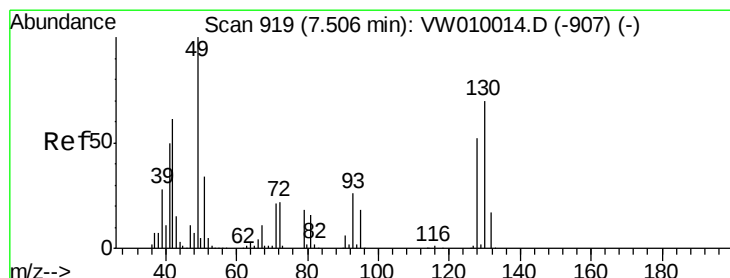
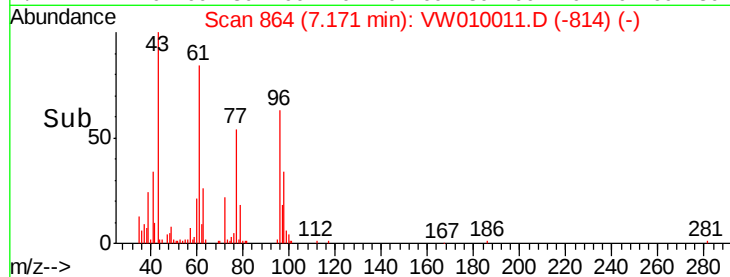
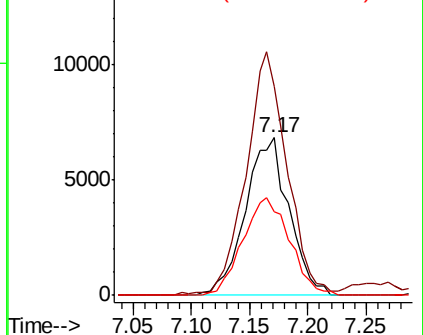
cis-1,2-Dichloroethene
Concen: 4.437 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 17676
Ion Ratio Lower Upper
96 100
61 145.7 0.0 309.4
98 66.6 0.0 128.6



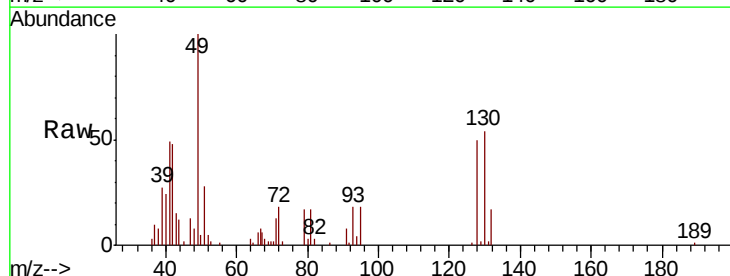
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



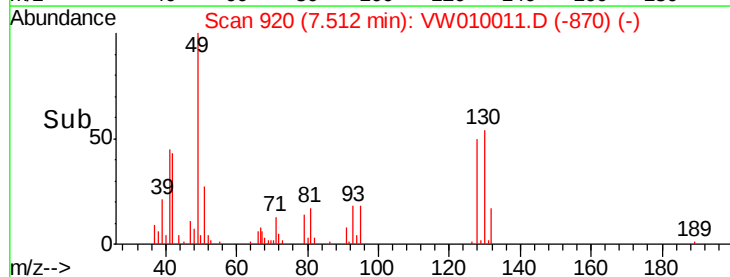
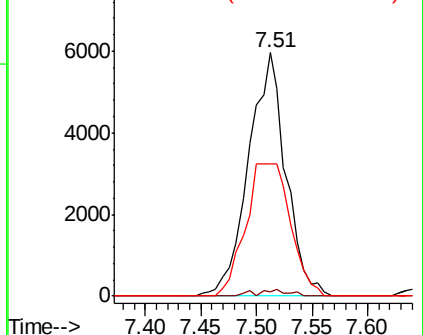
#28

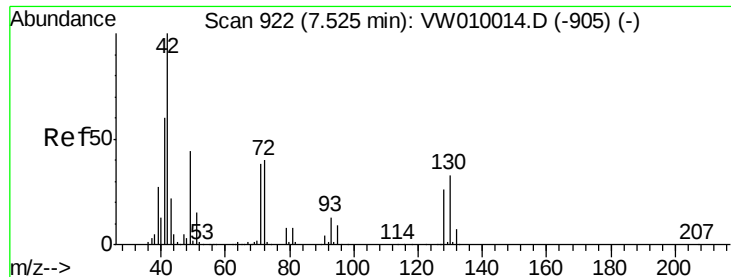
Bromochloromethane
Concen: 4.718 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 49 Resp: 13904
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 0.0 54.6 82.0#



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

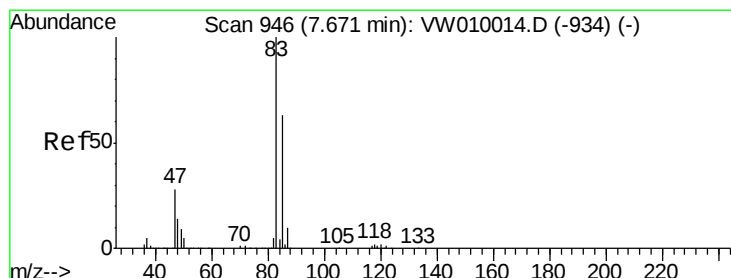
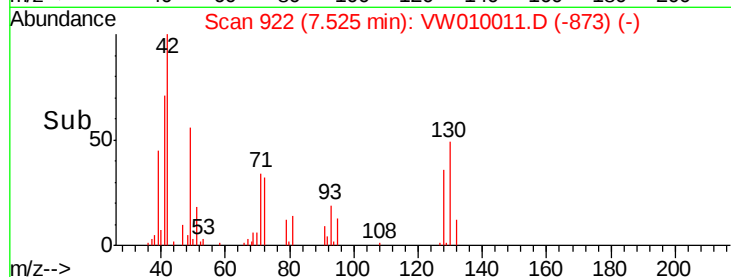
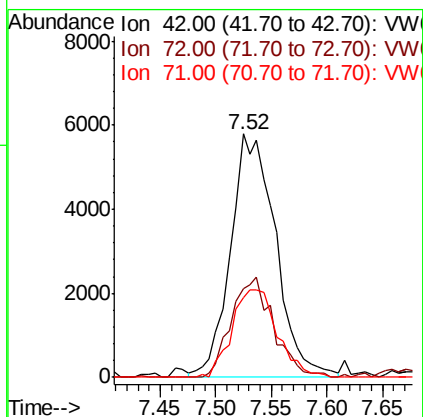
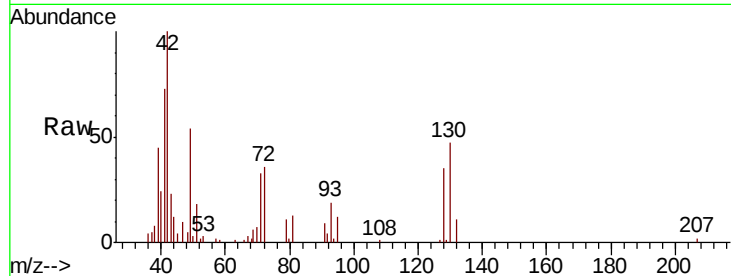




#29
Tetrahydrofuran
Concen: 20.227 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

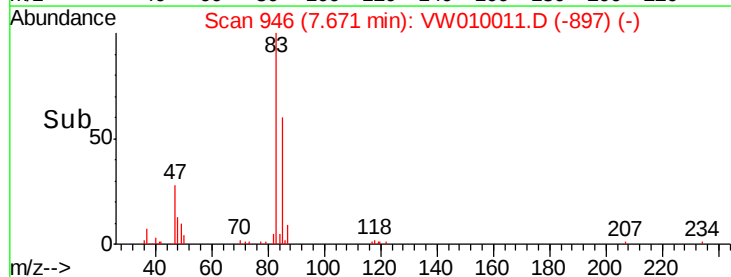
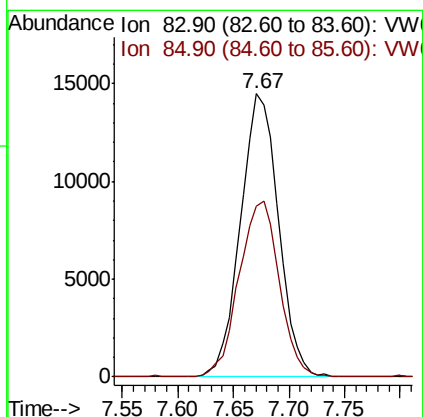
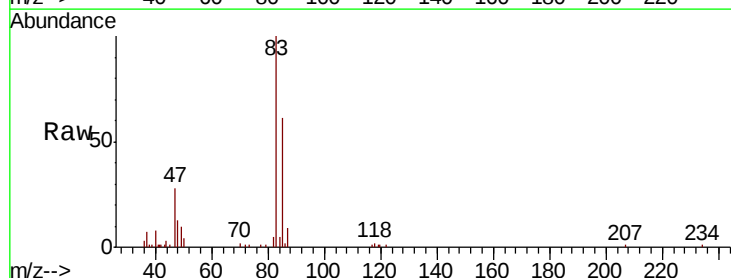
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

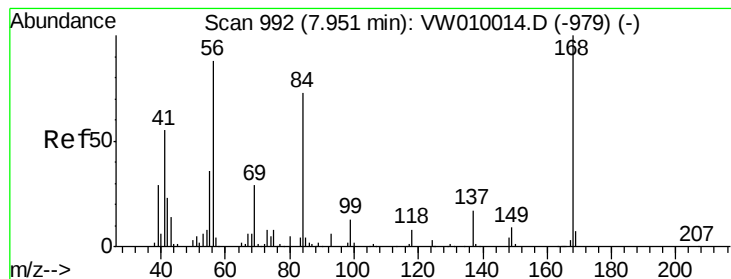
Tgt Ion: 42 Resp: 16311
Ion Ratio Lower Upper
42 100
72 38.3 31.0 46.6
71 36.3 29.7 44.5



#30
Chloroform
Concen: 4.758 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 83 Resp: 34380
Ion Ratio Lower Upper
83 100
85 60.5 50.7 76.1





#31

Cyclohexane

Concen: 4.720 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

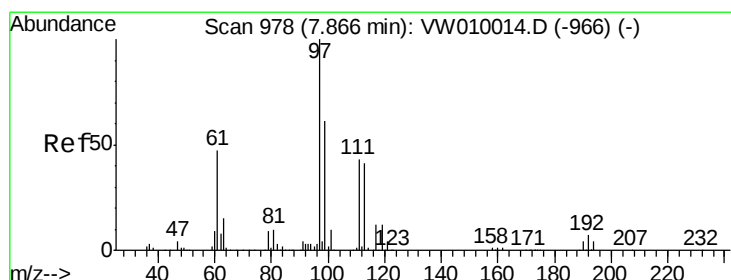
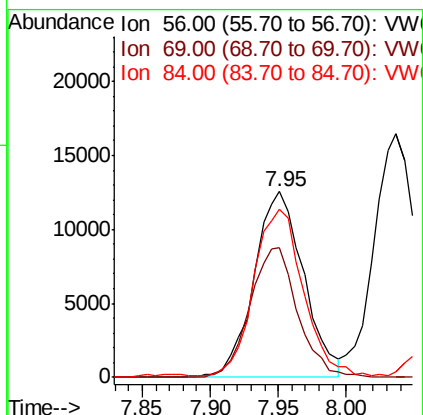
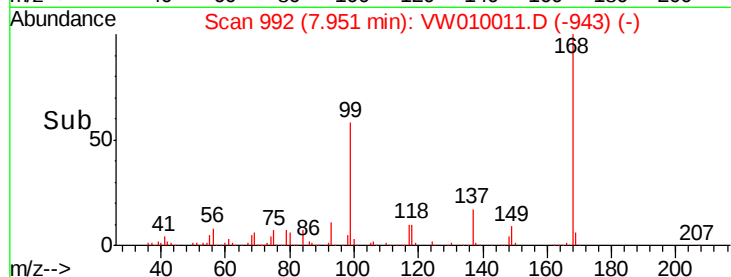
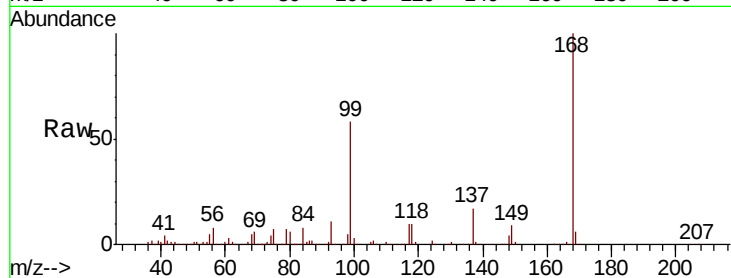
Tgt Ion: 56 Resp: 31875

Ion Ratio Lower Upper

56 100

69 70.1 26.6 40.0#

84 89.6 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 4.759 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

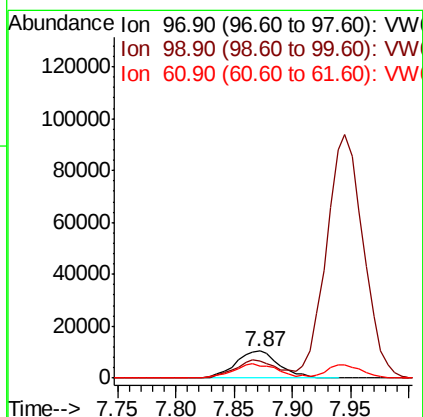
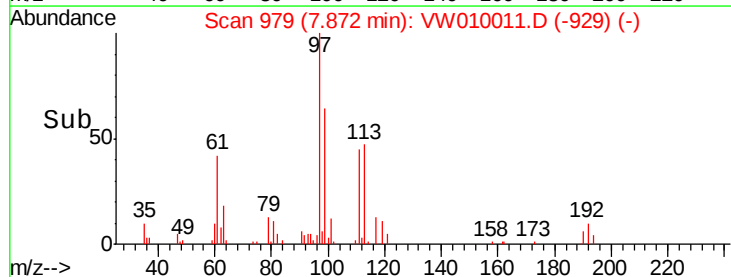
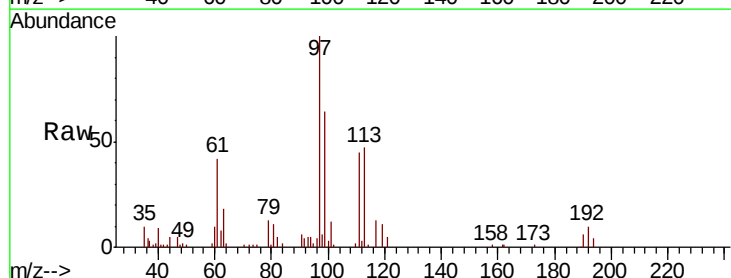
Tgt Ion: 97 Resp: 26994

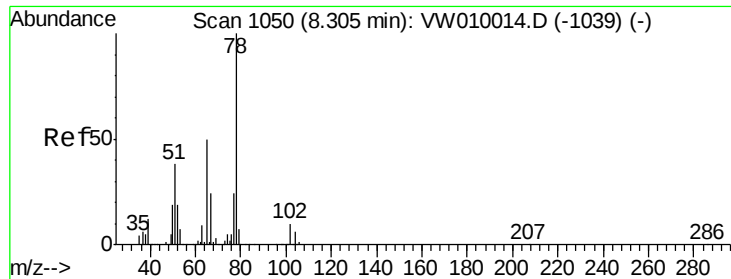
Ion Ratio Lower Upper

97 100

99 67.7 50.2 75.2

61 55.0 38.2 57.2

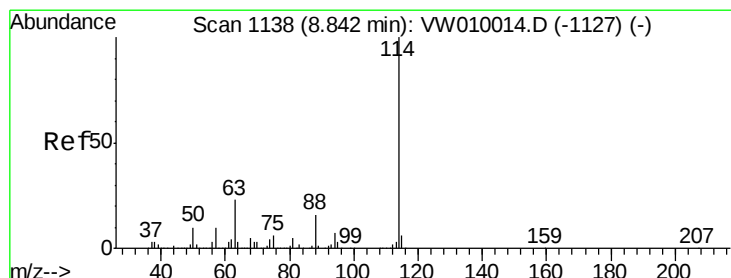
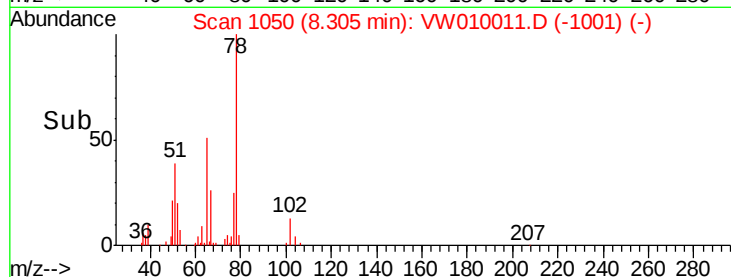
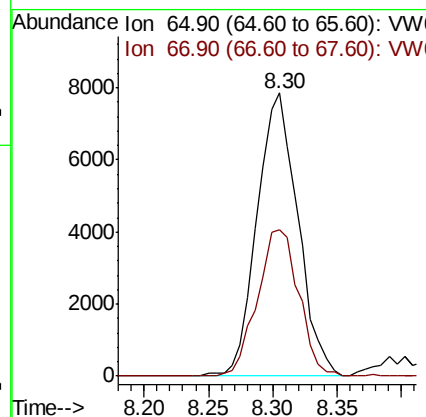
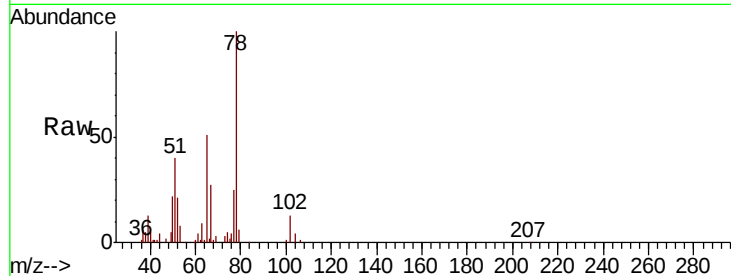




#33
 1,2-Dichloroethane-d4
 Concen: 4.115 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

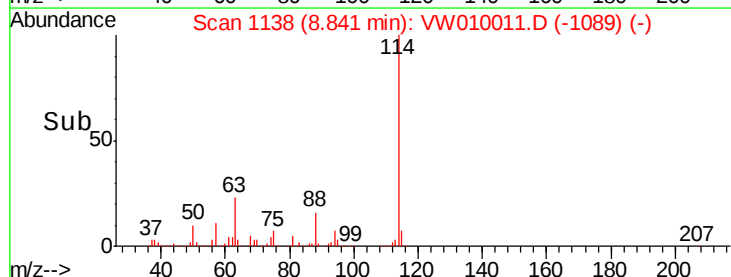
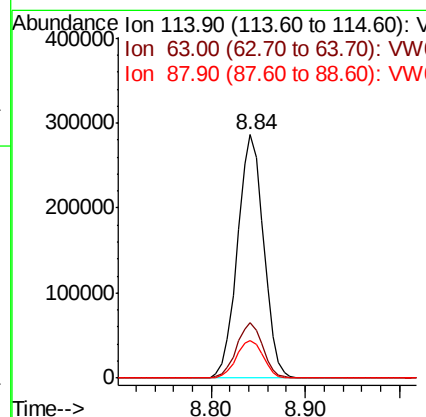
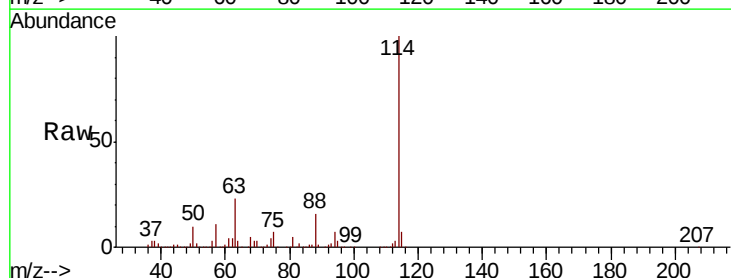
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

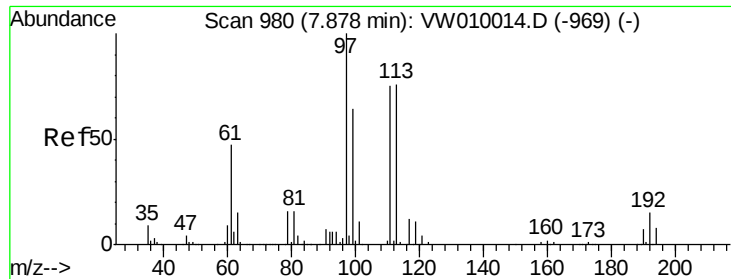
Tgt Ion: 65 Resp: 17184
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 114 Resp: 553347
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.2
 88 15.6 0.0 32.6

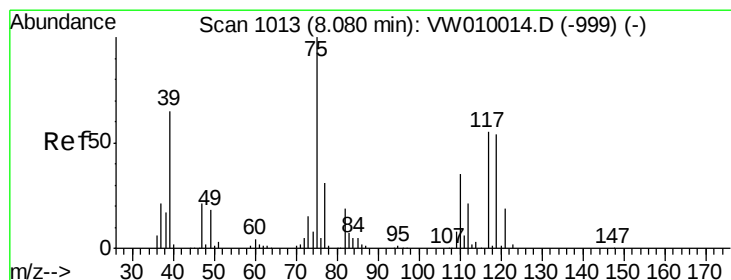
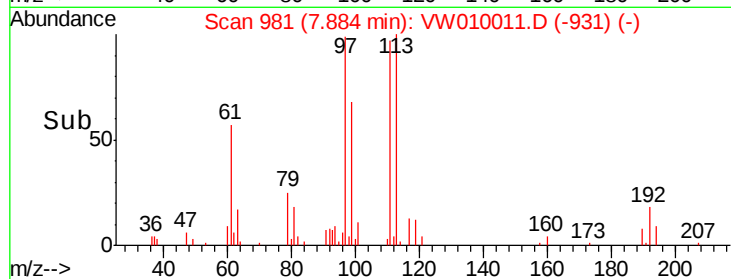
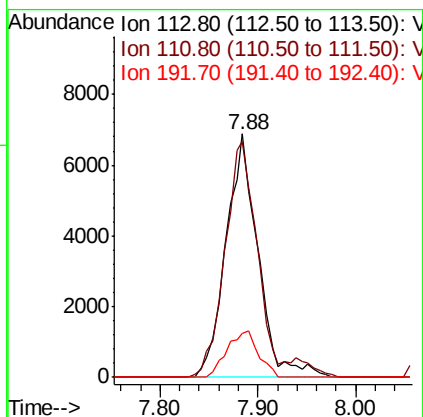
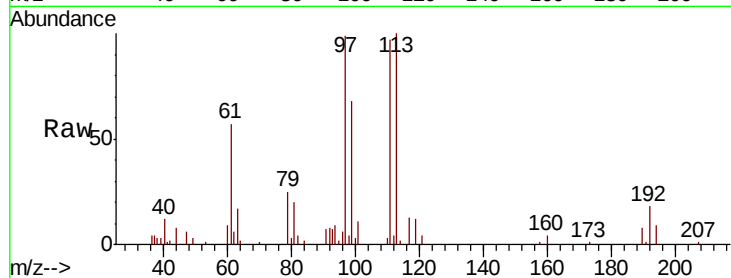




#35
 Dibromofluoromethane
 Concen: 4.450 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

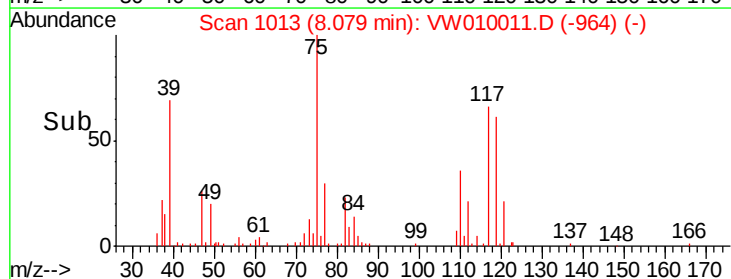
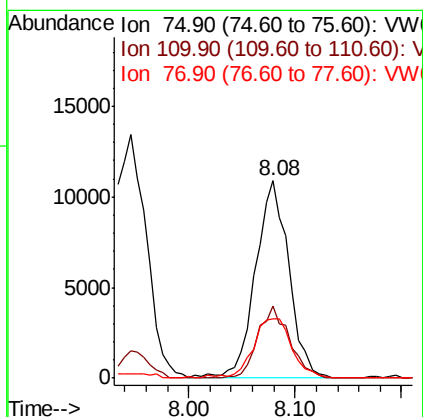
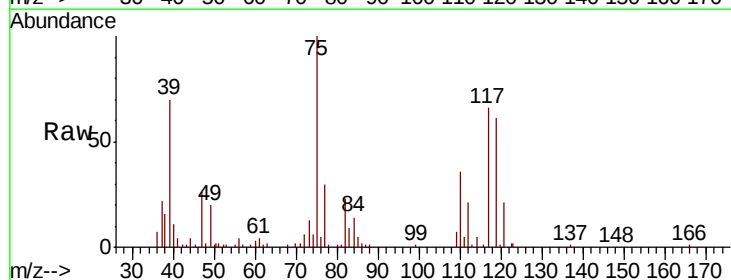
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

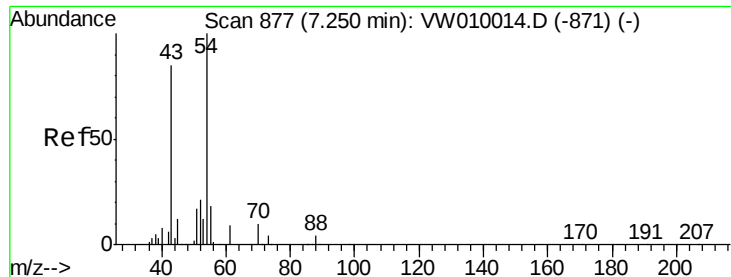
Tgt Ion: 113 Resp: 15656
 Ion Ratio Lower Upper
 113 100
 111 97.7 82.6 123.8
 192 18.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 75 Resp: 23948
 Ion Ratio Lower Upper
 75 100
 110 34.5 16.6 49.8
 77 35.1 24.8 37.2

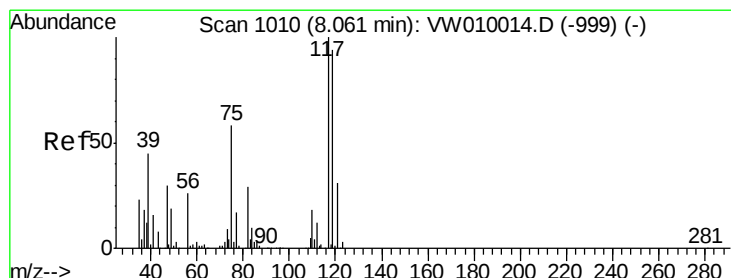
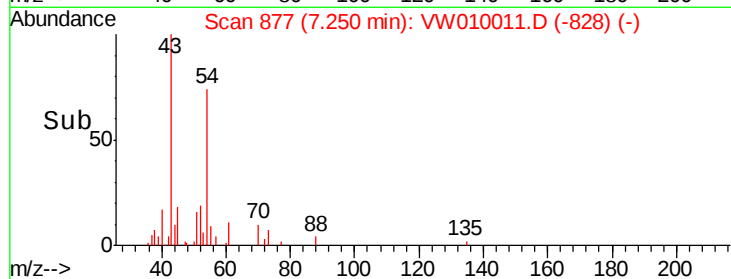
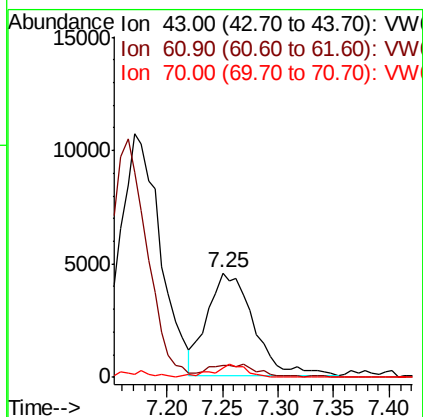
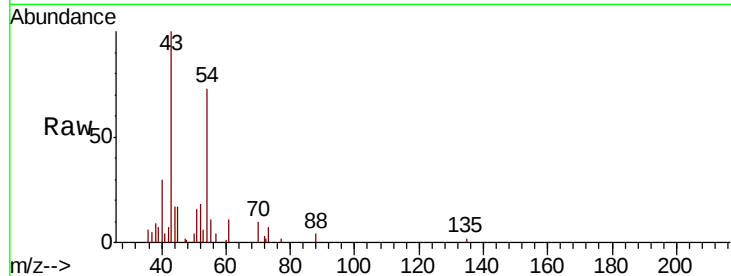




#37
Ethyl Acetate
Concen: 4.566 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

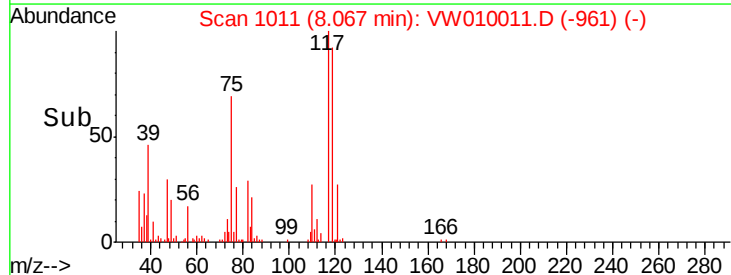
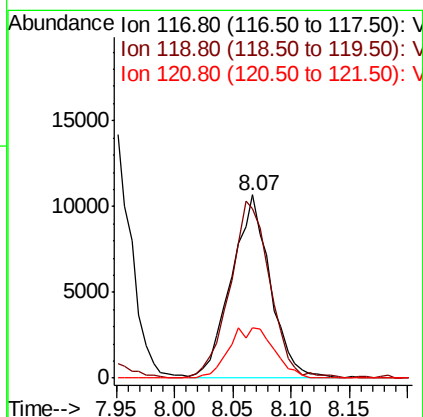
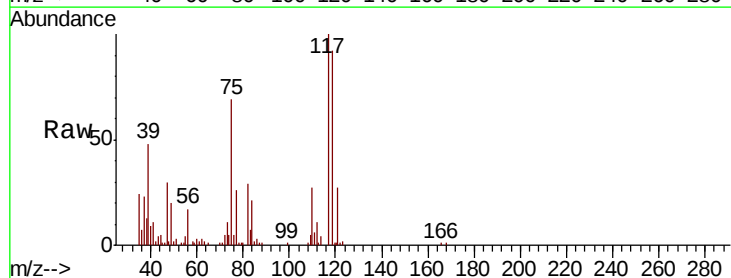
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

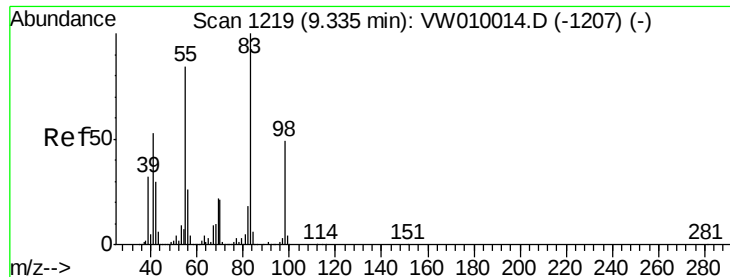
Tgt Ion: 43 Resp: 13114
Ion Ratio Lower Upper
43 100
61 13.0 9.8 14.8
70 9.5 7.4 11.0



#38
Carbon Tetrachloride
Concen: 4.515 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 117 Resp: 24908
Ion Ratio Lower Upper
117 100
119 91.6 75.3 112.9
121 27.5 24.4 36.6

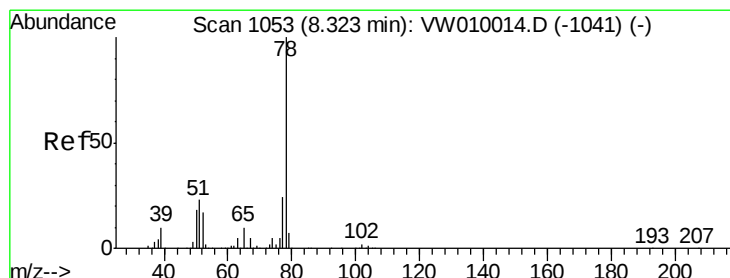
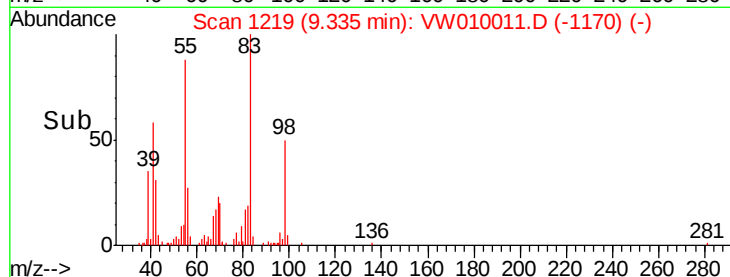
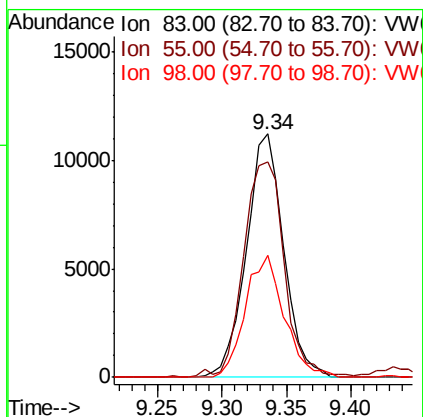
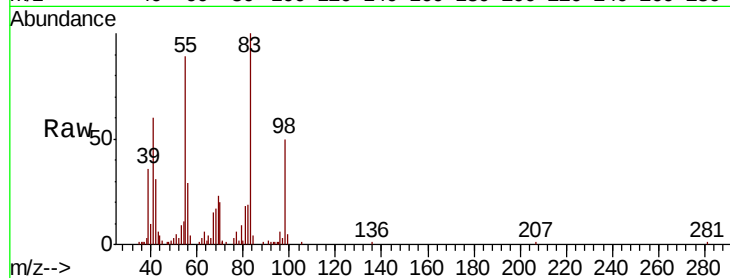




#39
Methylcyclohexane
Concen: 3.528 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

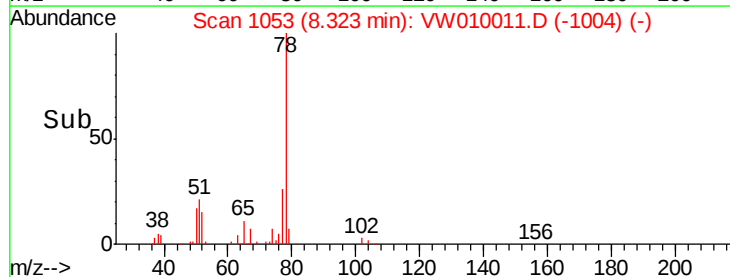
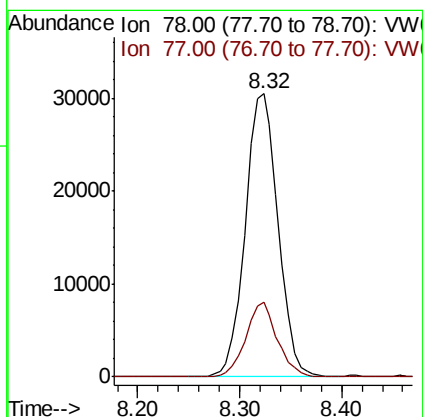
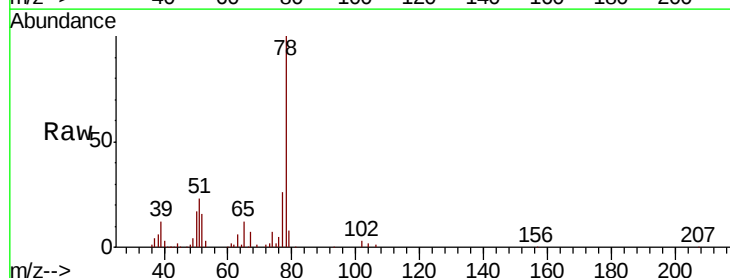
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

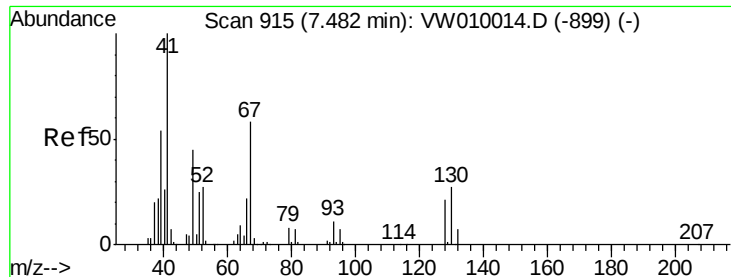
Tgt Ion: 83 Resp: 22442
Ion Ratio Lower Upper
83 100
55 88.6 67.1 100.7
98 50.2 39.2 58.8



#40
Benzene
Concen: 4.413 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 78 Resp: 68200
Ion Ratio Lower Upper
78 100
77 26.5 19.1 28.7





#41

Methacrylonitrile

Concen: 3.835 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

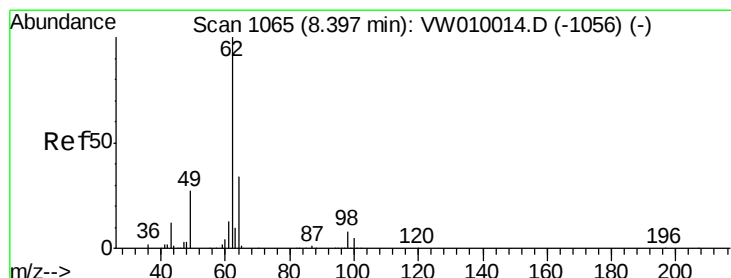
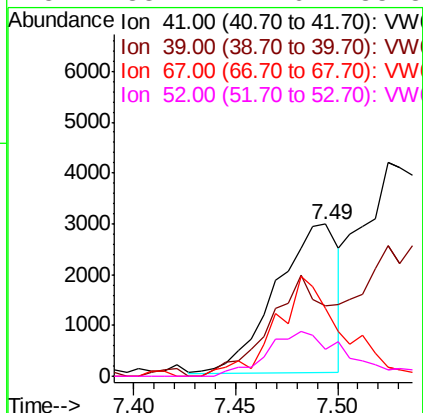
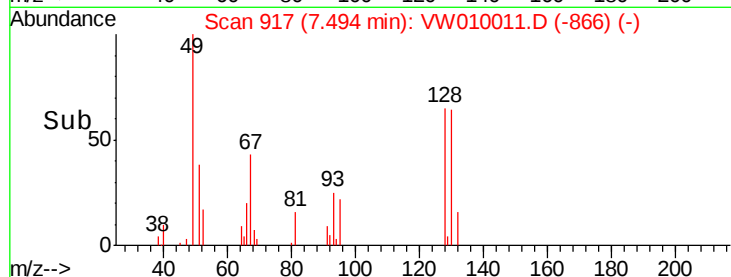
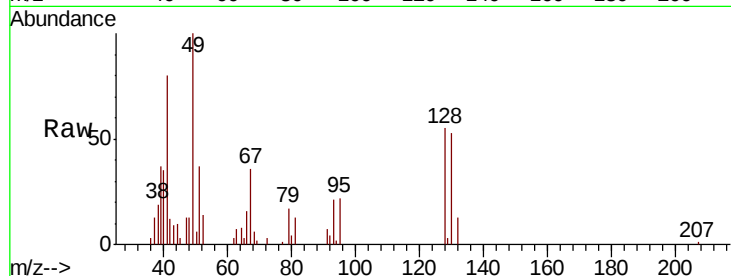
ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 6278

Ion Ratio Lower Upper

41	100		
39	56.3	45.0	67.4
67	69.8	50.7	76.1
52	38.4	22.6	33.8#



#42

1,2-Dichloroethane

Concen: 4.716 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

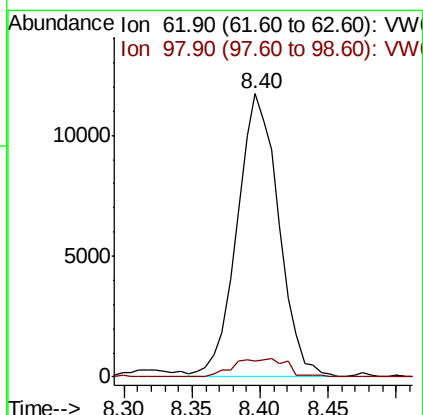
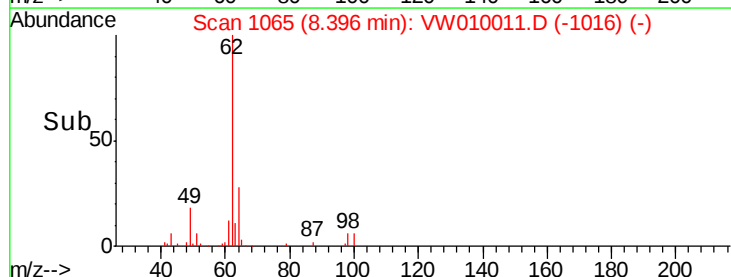
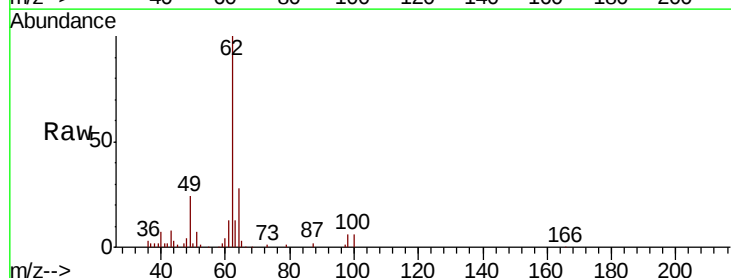
Lab File: VW010011.D

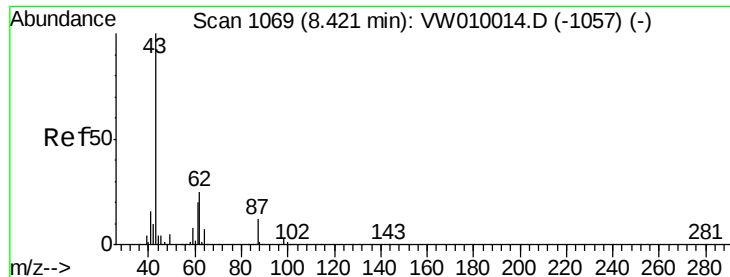
Acq: 17 Apr 2019 10:55

Tgt Ion: 62 Resp: 25049

Ion Ratio Lower Upper

62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 4.258 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

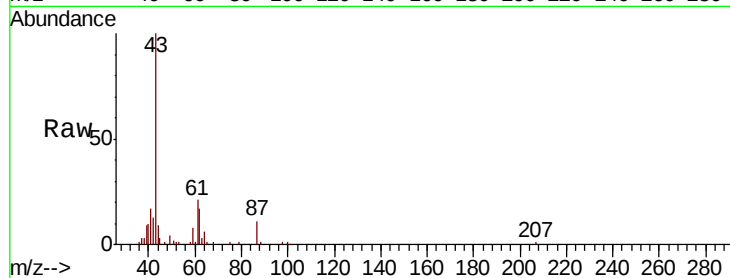
Tgt Ion: 43 Resp: 22915

Ion Ratio Lower Upper

43 100

61 30.3 23.0 34.6

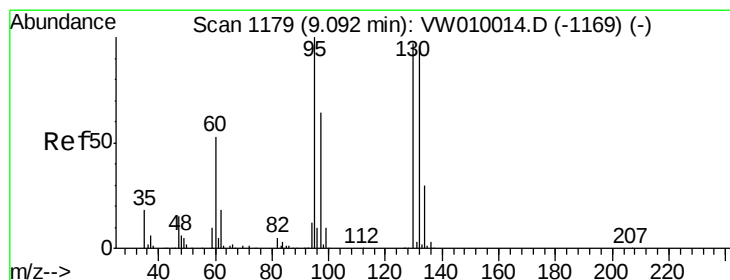
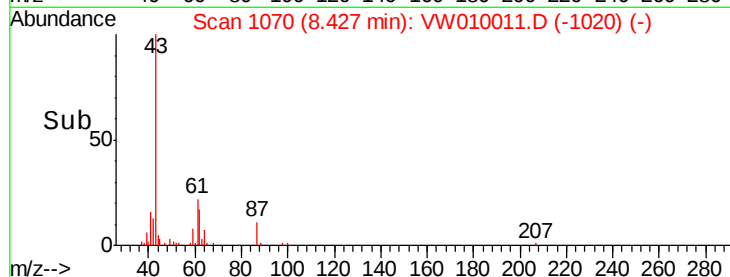
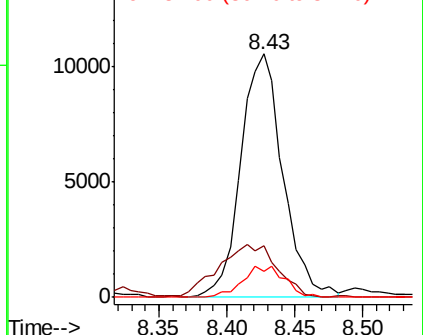
87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.399 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010011.D

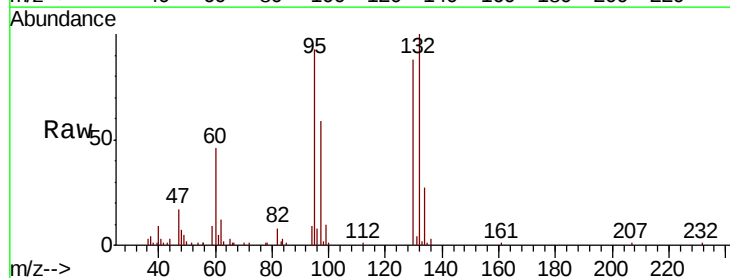
Acq: 17 Apr 2019 10:55

Tgt Ion: 130 Resp: 17269

Ion Ratio Lower Upper

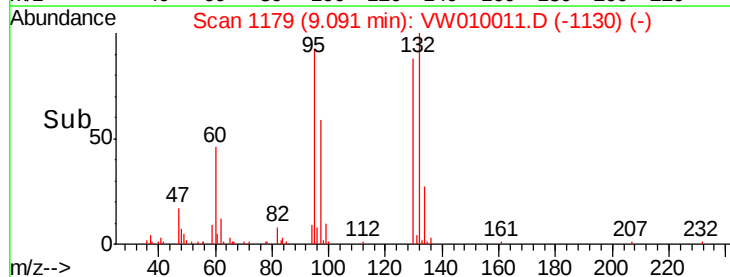
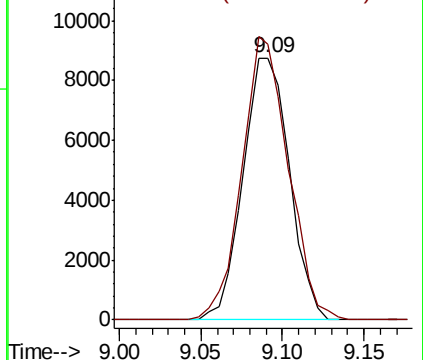
130 100

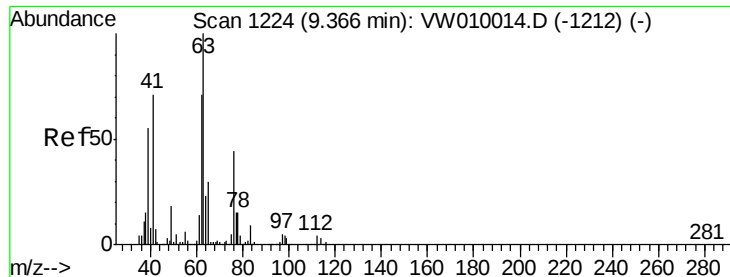
95 105.2 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 4.585 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

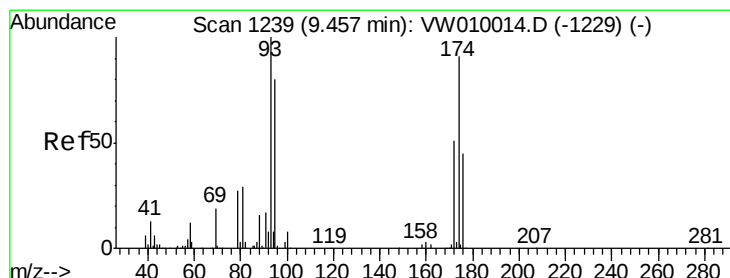
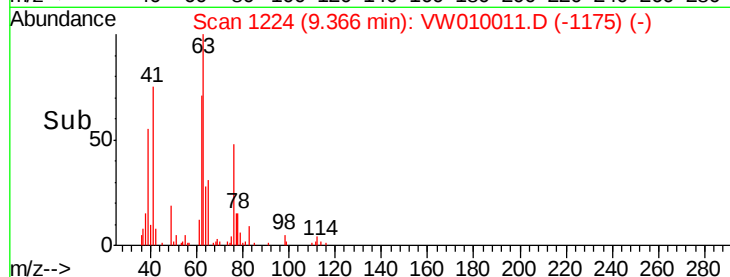
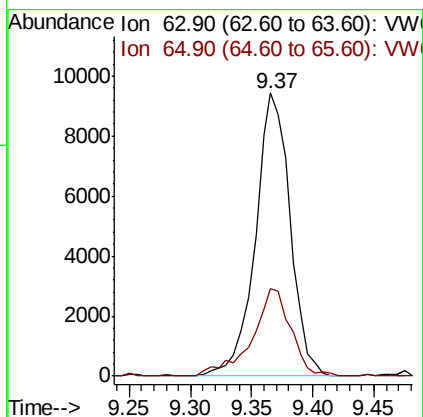
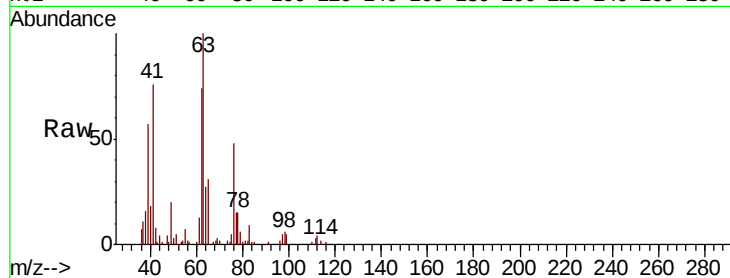
VSTDIC005

Tgt Ion: 63 Resp: 18625

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 4.655 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

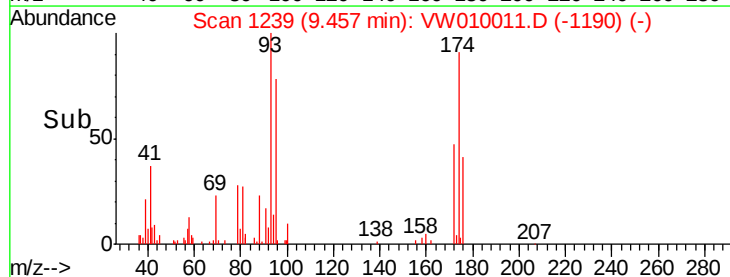
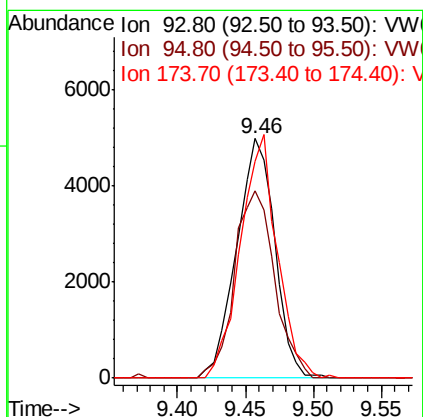
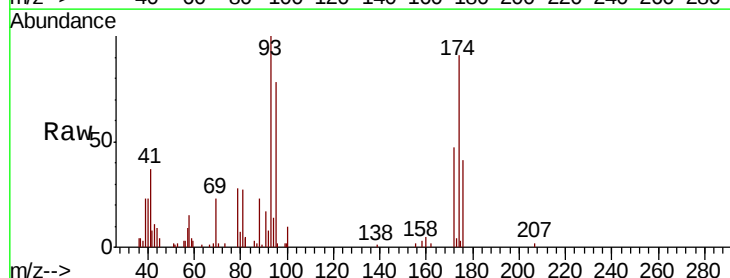
Tgt Ion: 93 Resp: 9802

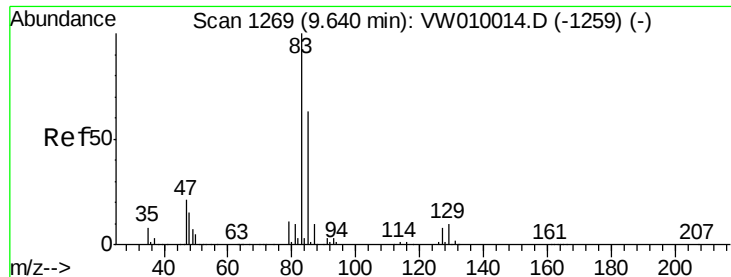
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 97.7 75.5 113.3





#47

Bromodichloromethane

Concen: 4.408 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

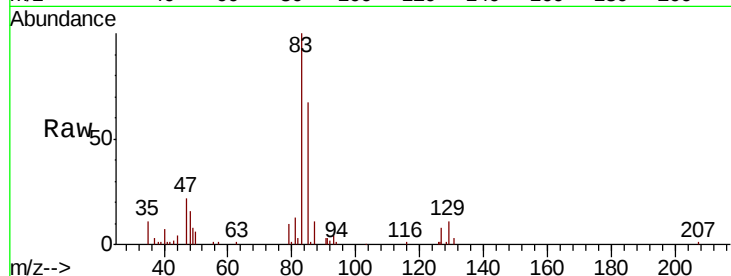
Tgt Ion: 83 Resp: 23960

Ion Ratio Lower Upper

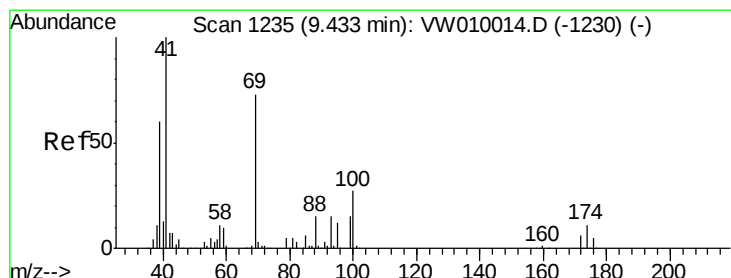
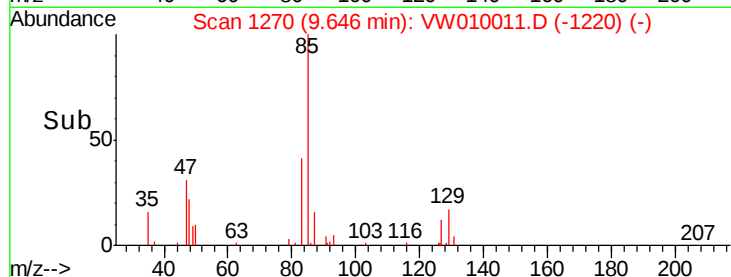
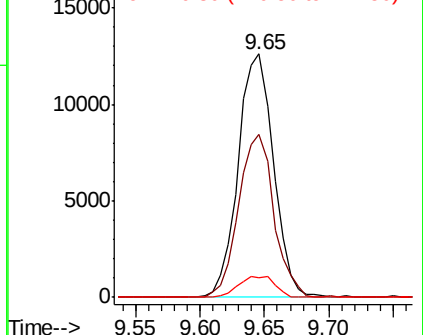
83 100

85 67.1 50.6 75.8

127 7.8 6.6 10.0



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



#48

Methyl methacrylate

Concen: 4.345 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

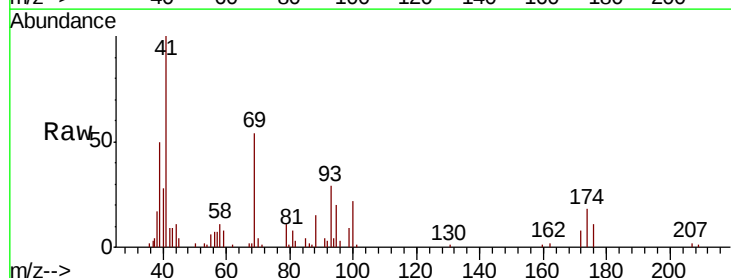
Tgt Ion: 41 Resp: 11384

Ion Ratio Lower Upper

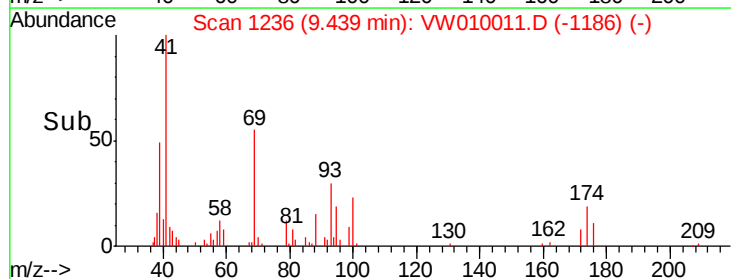
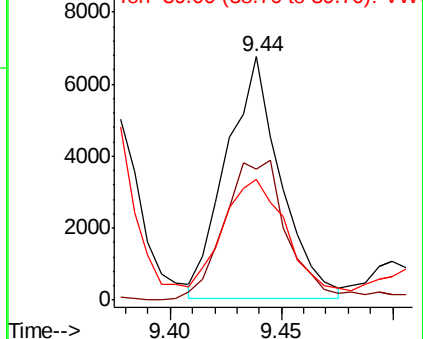
41 100

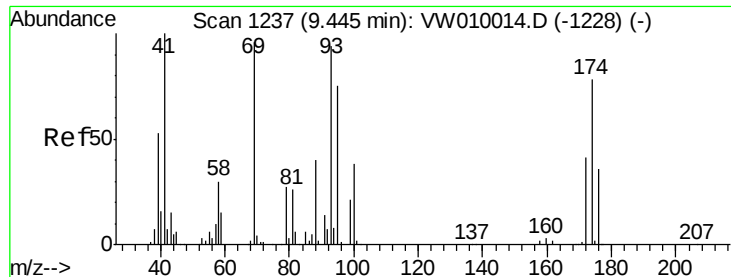
69 69.7 60.1 90.1

39 57.7 51.0 76.6



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





#49

1,4-Dioxane

Concen: 81.220 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

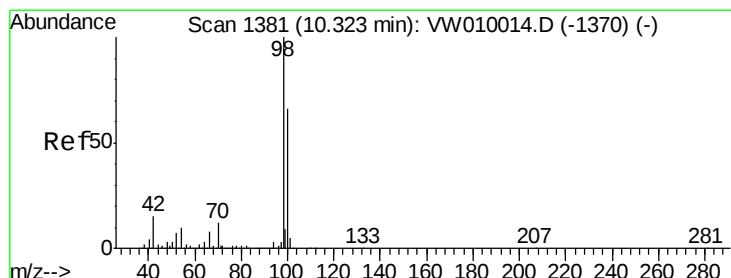
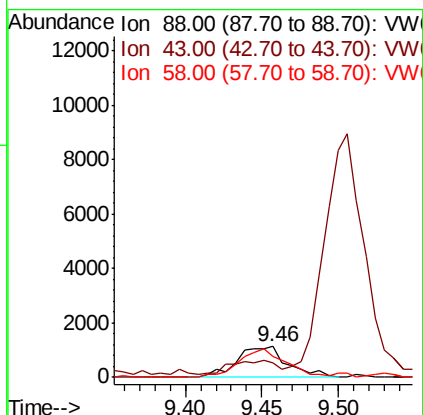
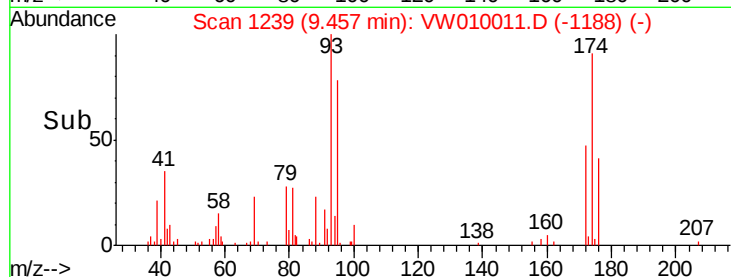
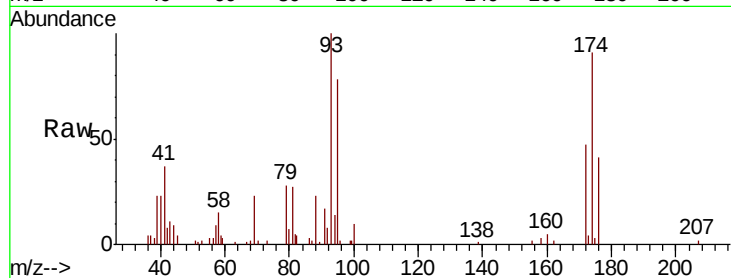
Tgt Ion: 88 Resp: 2613

Ion Ratio Lower Upper

88 100

43 39.7 31.9 47.9

58 85.5 61.8 92.6



#50

Toluene-d8

Concen: 3.610 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010011.D

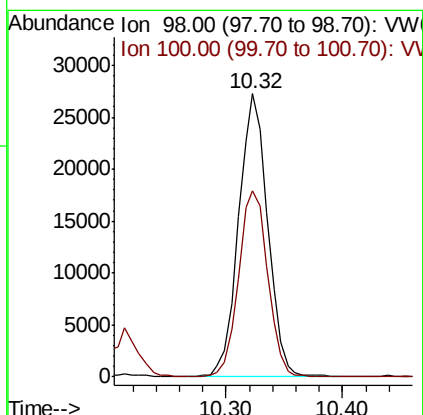
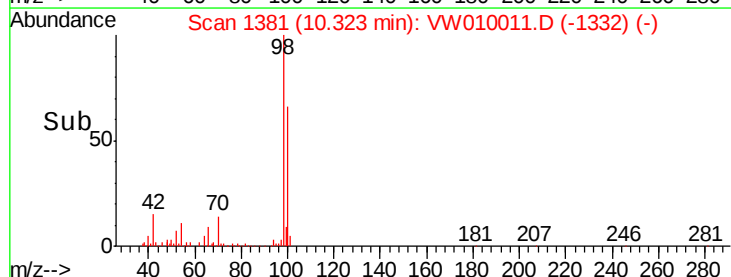
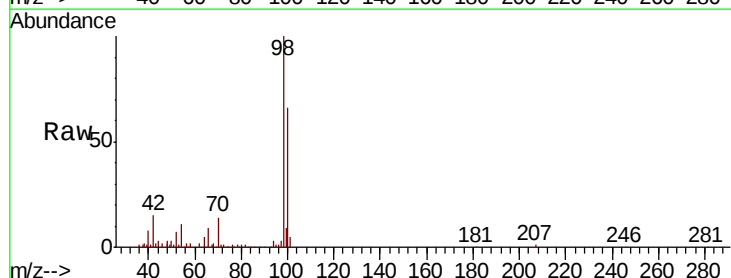
Acq: 17 Apr 2019 10:55

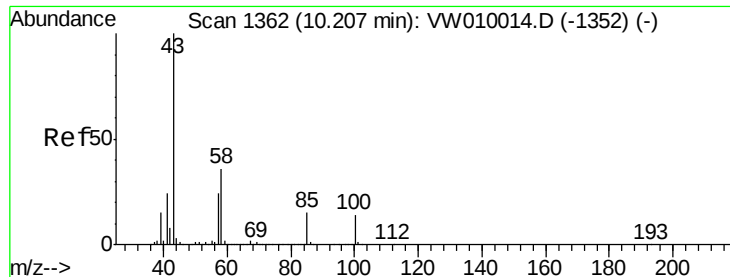
Tgt Ion: 98 Resp: 47595

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

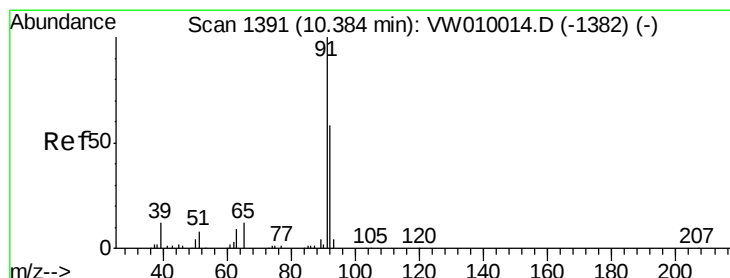
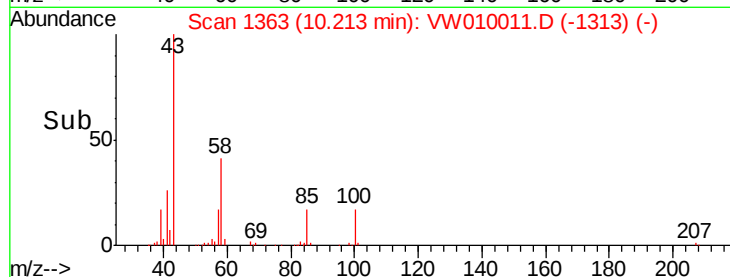
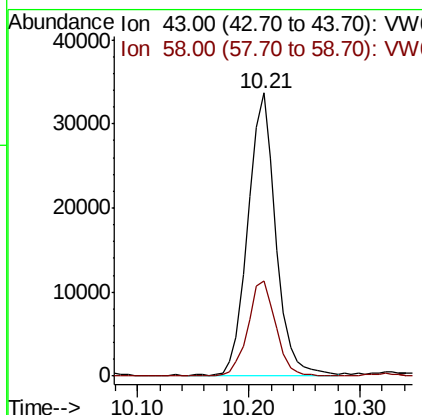
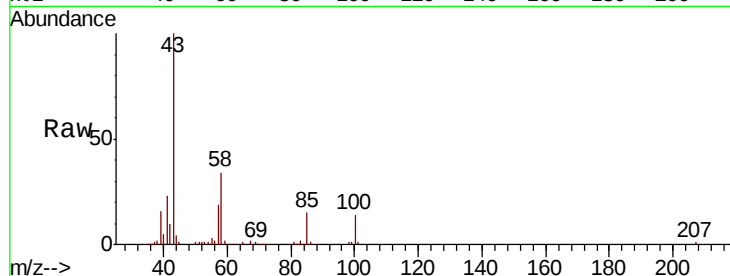




#51
 4-Methyl-2-Pentanone
 Concen: 20.907 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

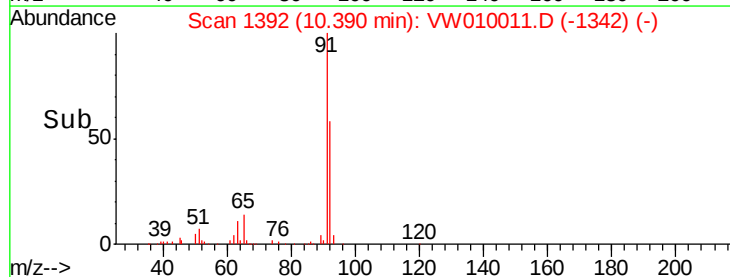
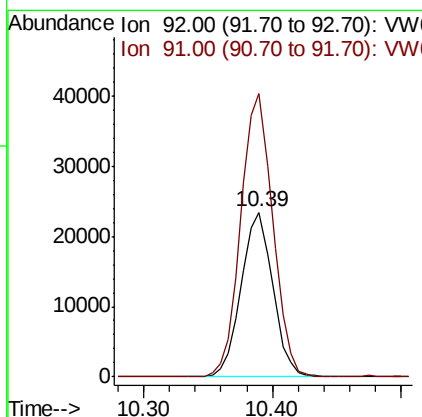
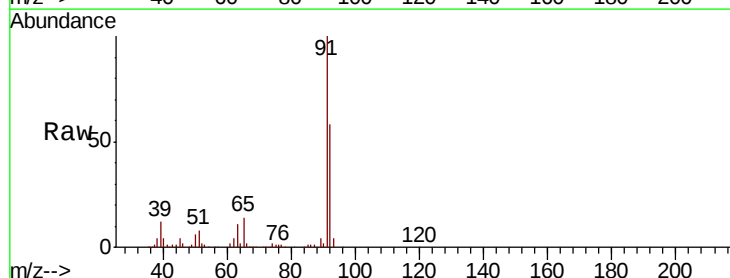
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

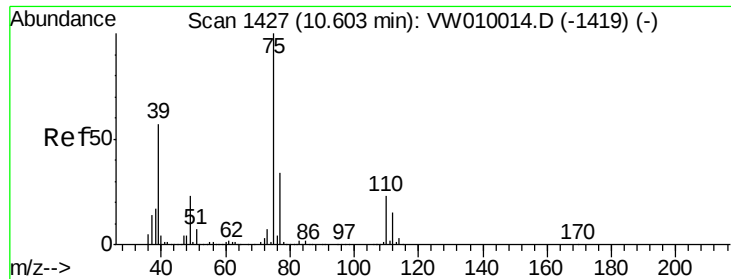
Tgt Ion: 43 Resp: 58937
 Ion Ratio Lower Upper
 43 100
 58 33.6 28.9 43.3



#52
 Toluene
 Concen: 4.115 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 92 Resp: 39616
 Ion Ratio Lower Upper
 92 100
 91 175.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 4.136 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

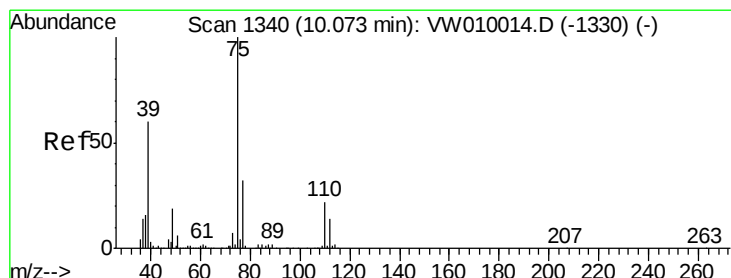
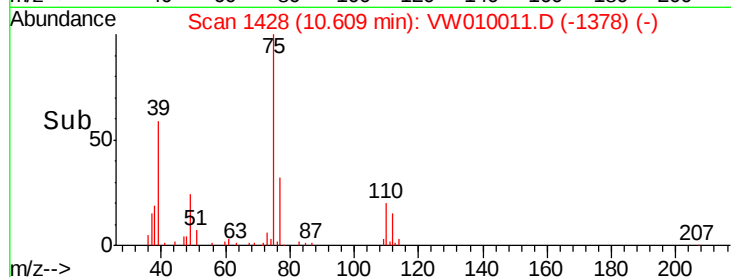
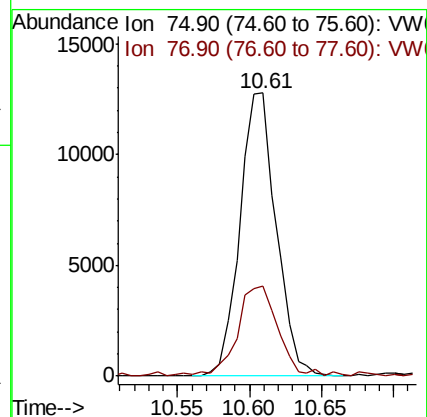
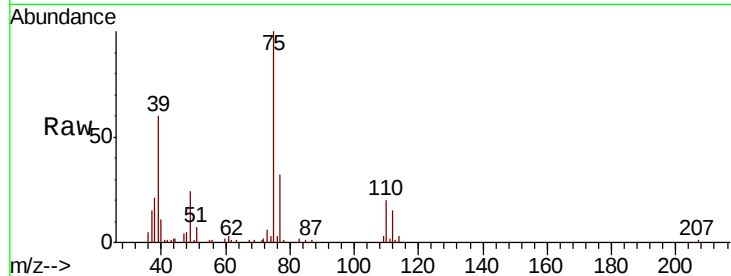
VSTDIC005

Tgt Ion: 75 Resp: 22290

Ion Ratio Lower Upper

75 100

77 31.0 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 4.145 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

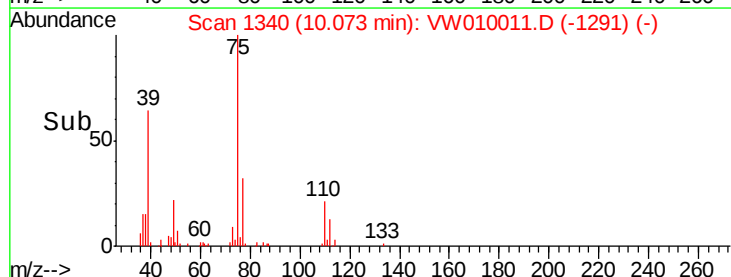
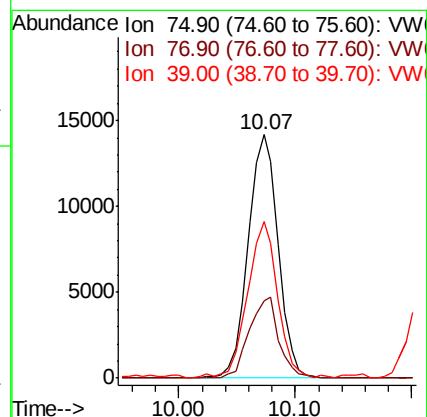
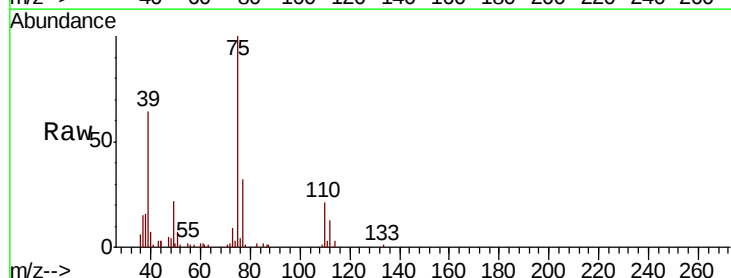
Tgt Ion: 75 Resp: 25508

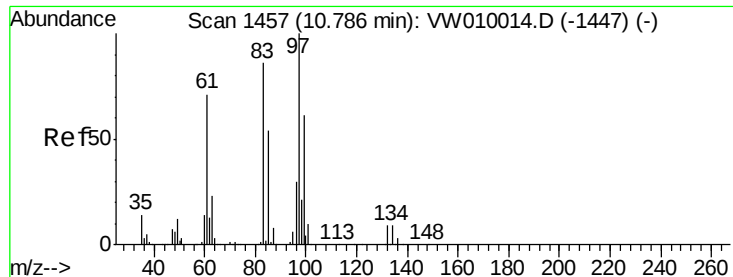
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 64.1 47.8 71.6

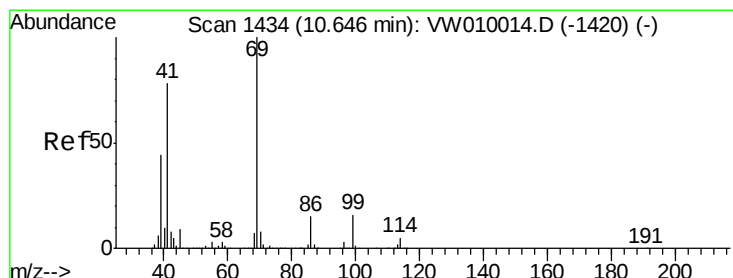
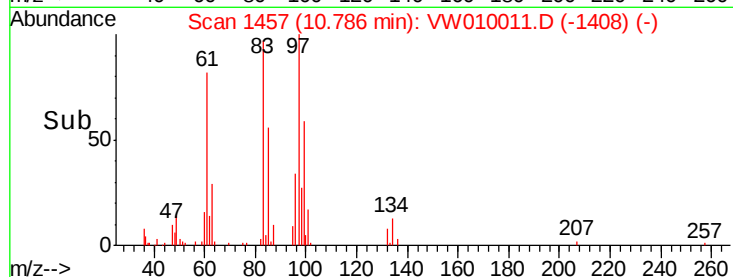
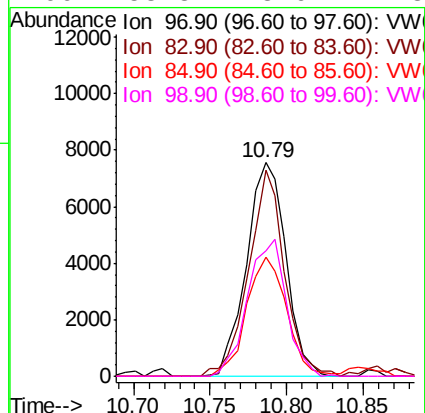
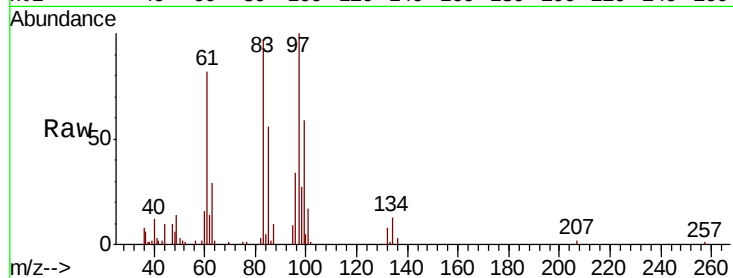




#55
 1,1,2-Trichloroethane
 Concen: 4.610 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

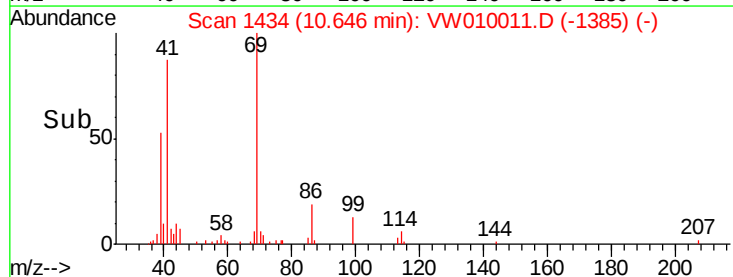
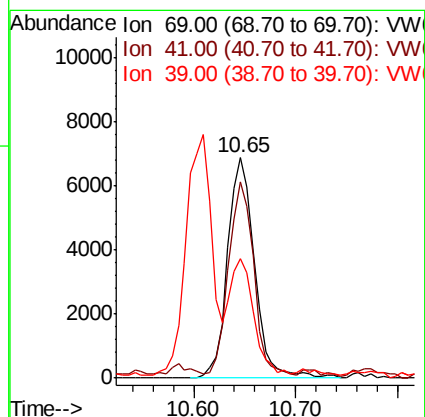
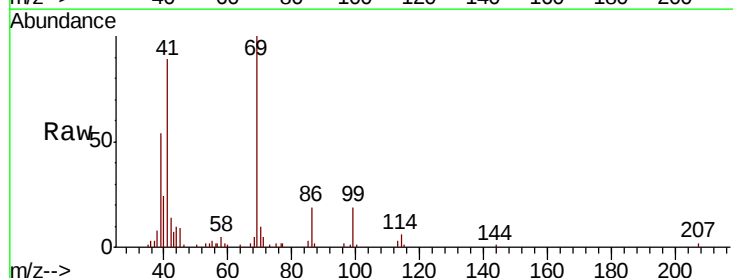
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

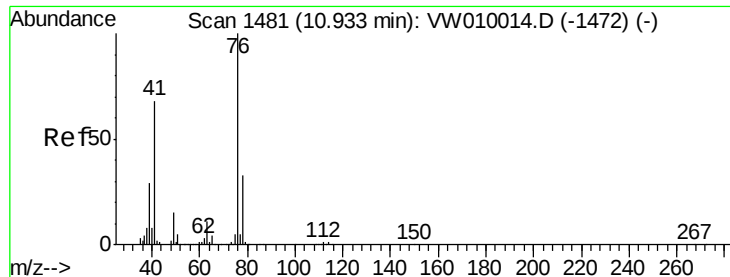
Tgt Ion:	97	Resp:	13549
Ion	Ratio	Lower	Upper
97	100		
83	96.7	68.9	103.3
85	55.9	42.9	64.3
99	58.8	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 3.457 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion:	69	Resp:	12630
Ion	Ratio	Lower	Upper
69	100		
41	81.3	61.0	91.6
39	47.7	33.8	50.6

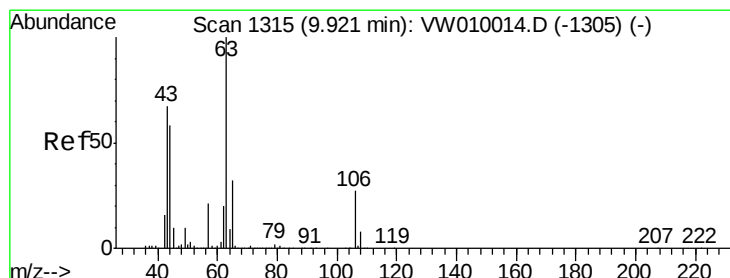
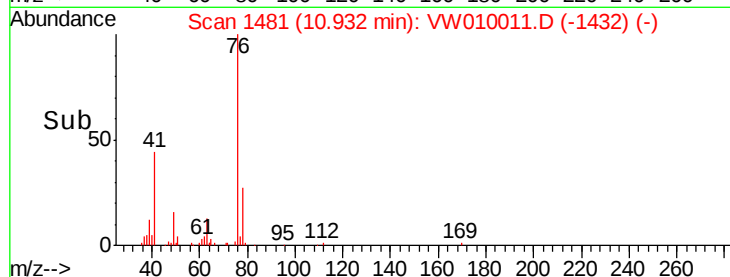
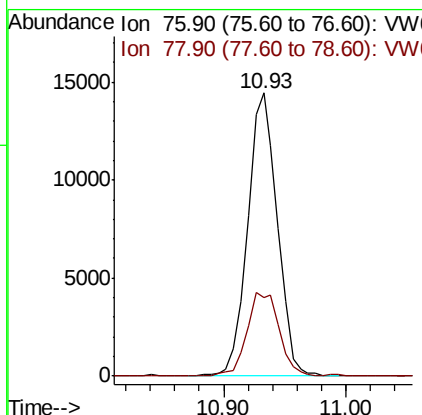
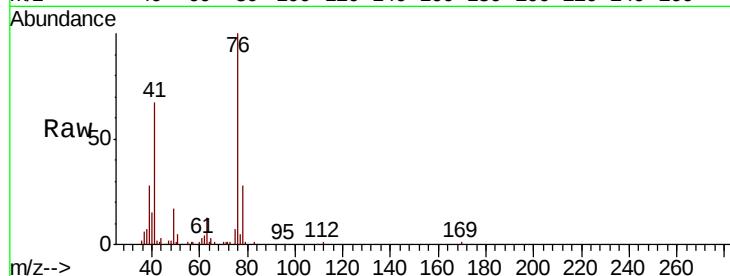




#57
 1,3-Dichloropropane
 Concen: 4.619 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

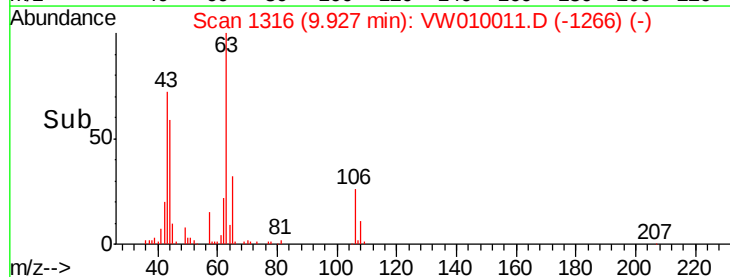
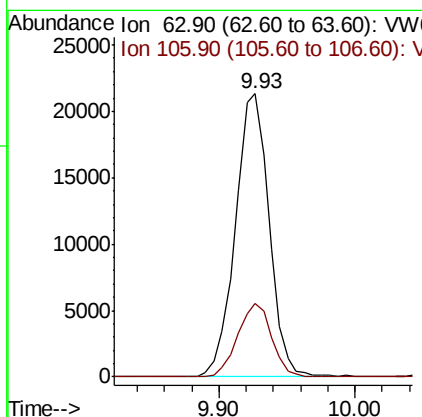
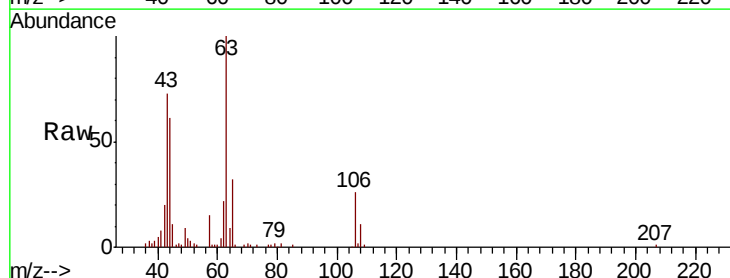
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

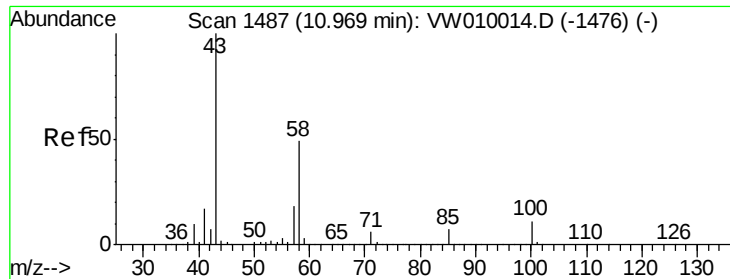
Tgt Ion: 76 Resp: 24330
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.027 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 63 Resp: 36924
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.4 32.0





#59

2-Hexanone

Concen: 19.208 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

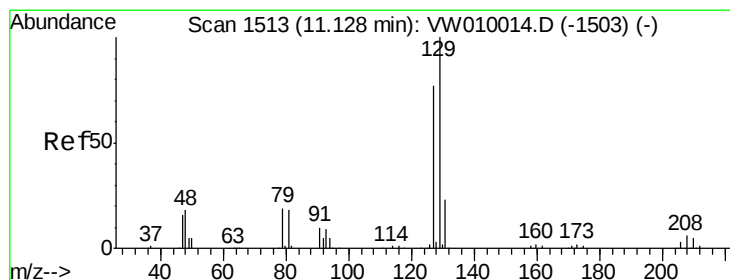
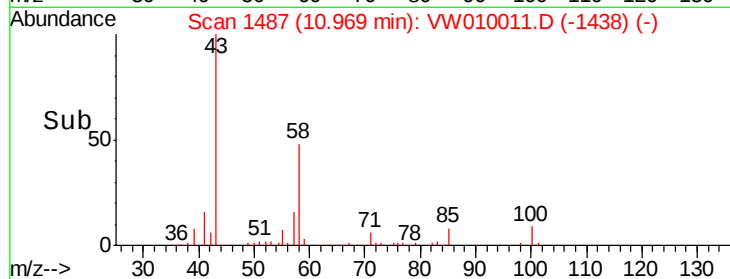
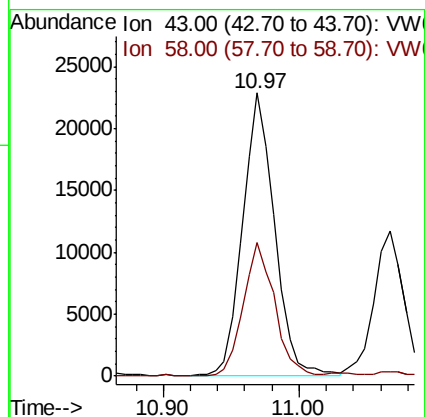
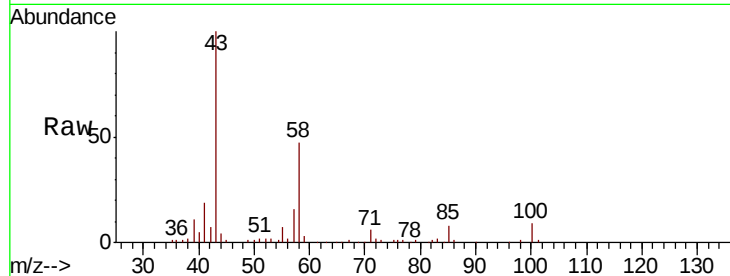
VSTDIC005

Tgt Ion: 43 Resp: 37692

Ion Ratio Lower Upper

43 100

58 46.2 24.9 74.7



#60

Dibromochloromethane

Concen: 4.351 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010011.D

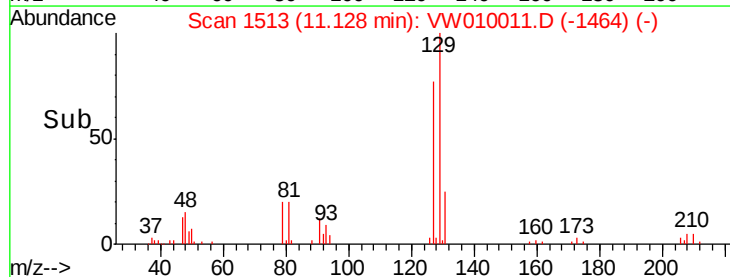
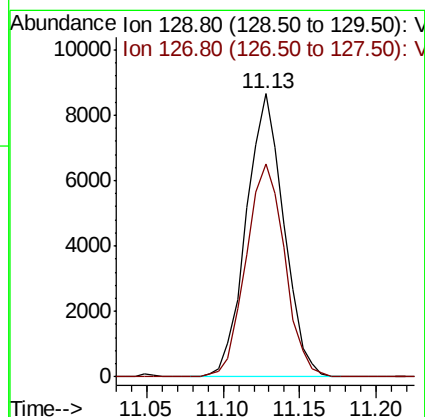
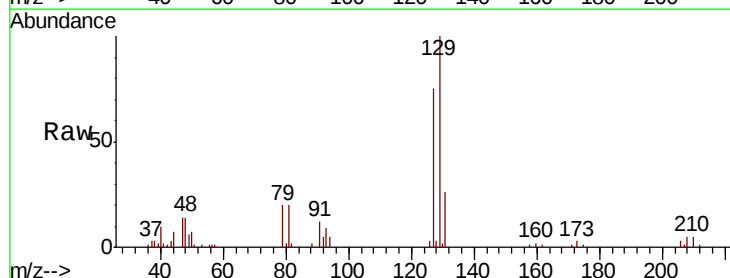
Acq: 17 Apr 2019 10:55

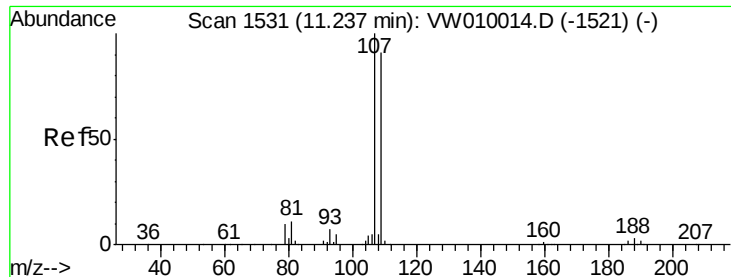
Tgt Ion: 129 Resp: 14778

Ion Ratio Lower Upper

129 100

127 77.5 38.6 116.0

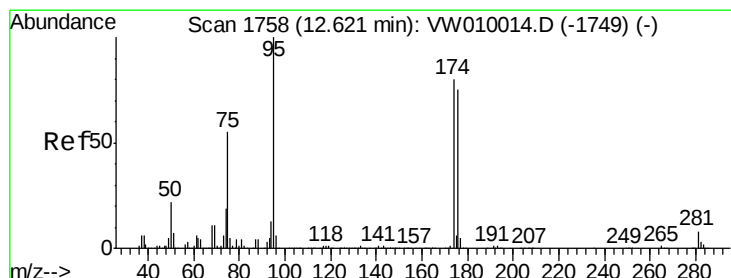
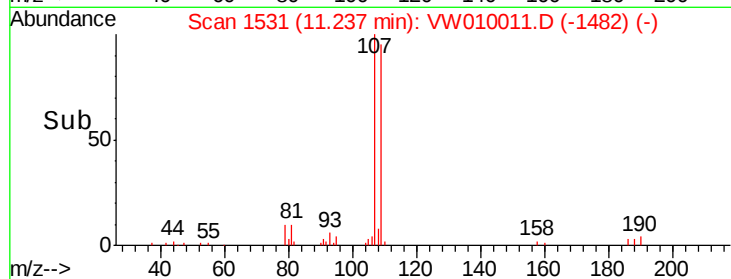
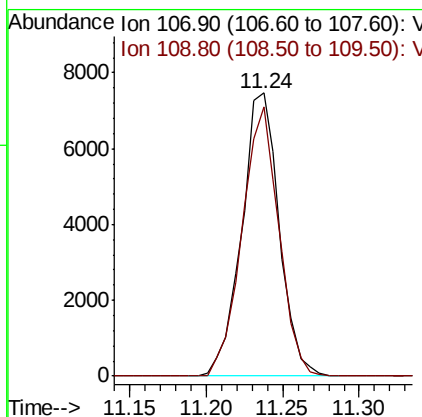
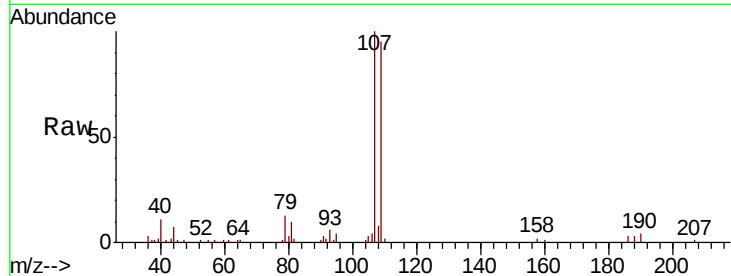




#61
 1,2-Dibromoethane
 Concen: 4.539 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

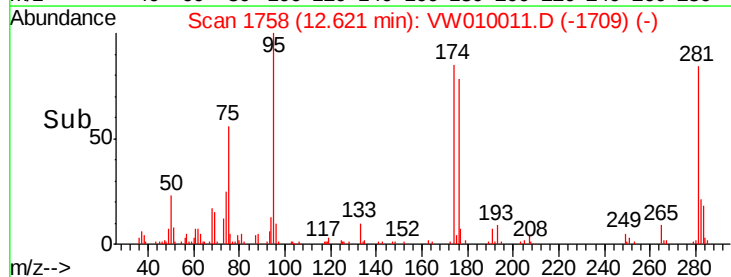
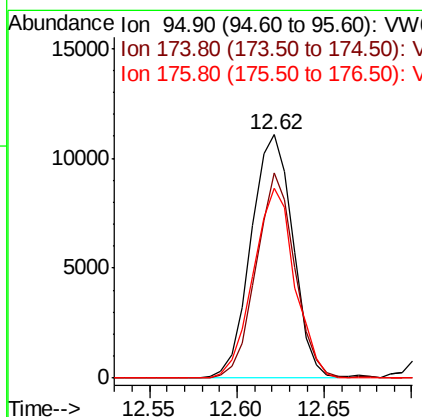
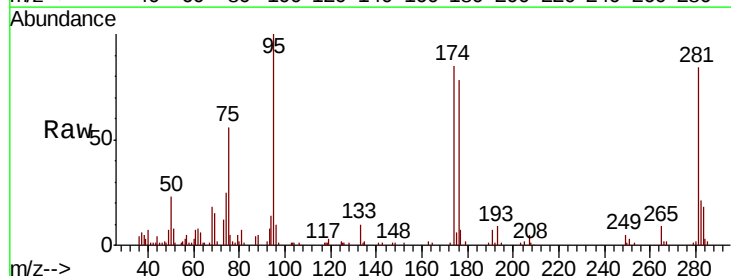
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

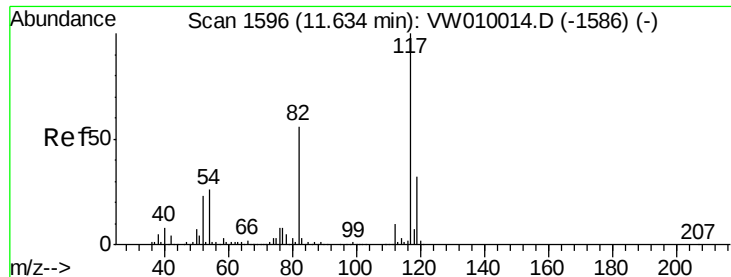
Tgt Ion: 107 Resp: 12689
 Ion Ratio Lower Upper
 107 100
 109 93.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 3.866 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 95 Resp: 18524
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 151.4
 176 77.7 0.0 146.2

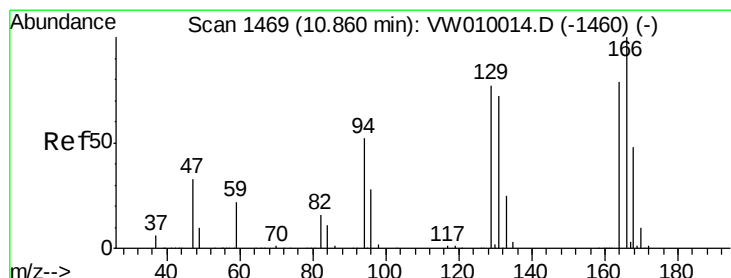
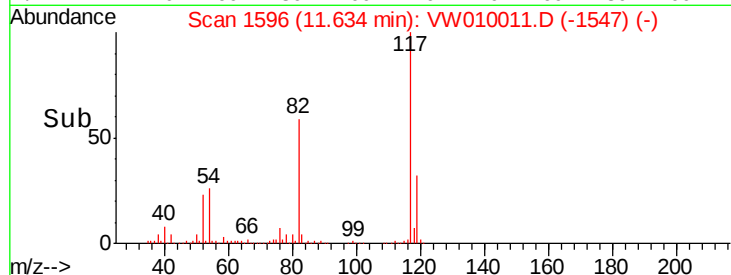
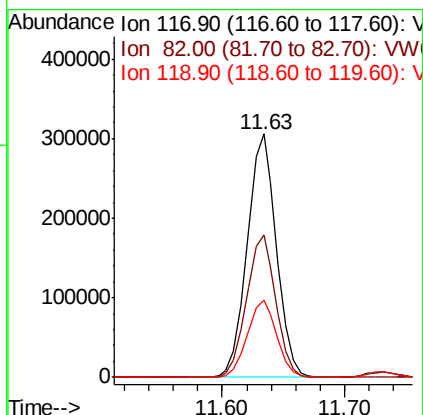
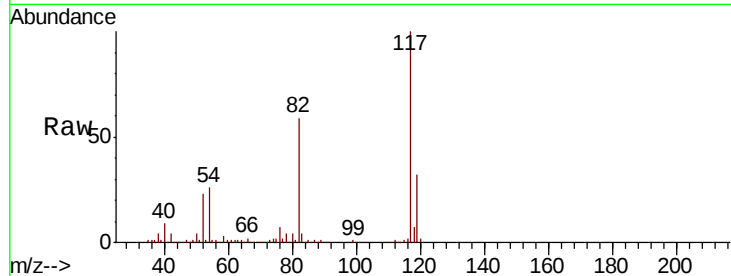




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

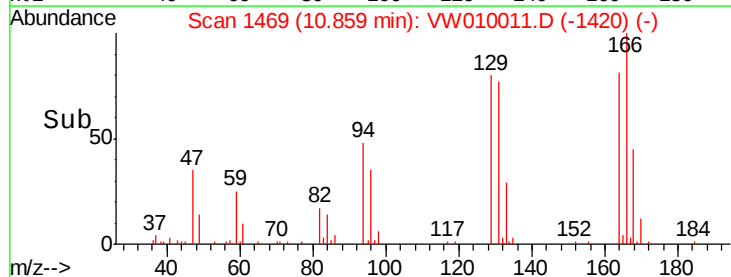
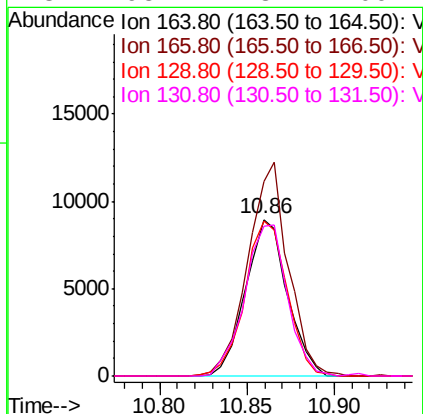
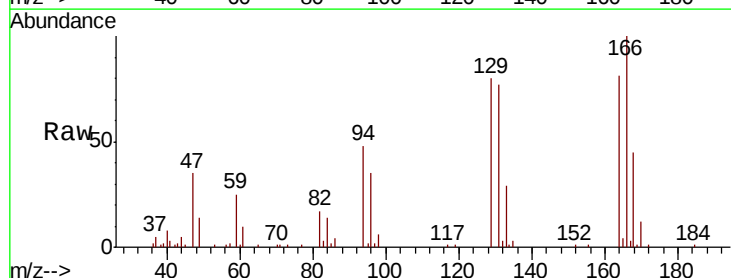
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

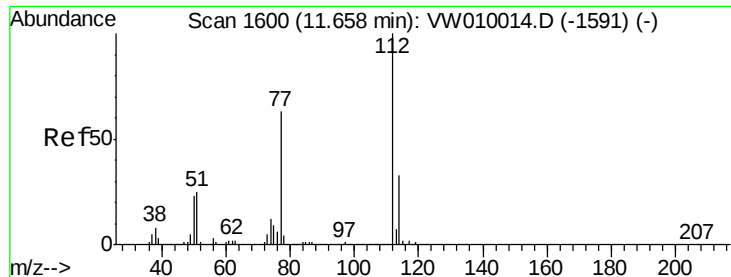
Tgt Ion:117 Resp: 505694
Ion Ratio Lower Upper
117 100
82 58.6 45.2 67.8
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 4.550 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion:164 Resp: 14936
Ion Ratio Lower Upper
164 100
166 124.1 101.2 151.8
129 99.0 77.8 116.6
131 95.7 73.1 109.7

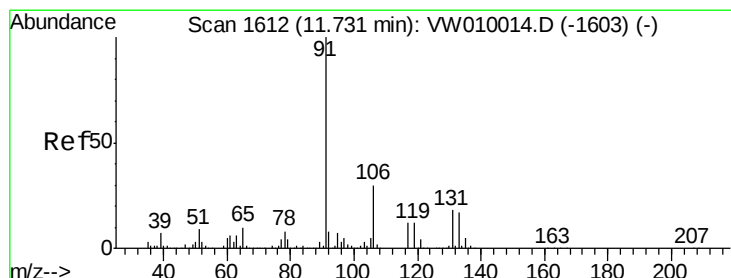
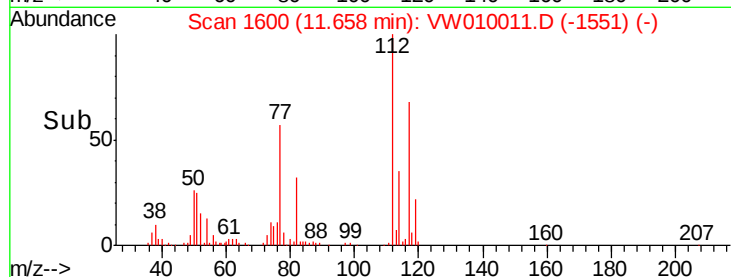
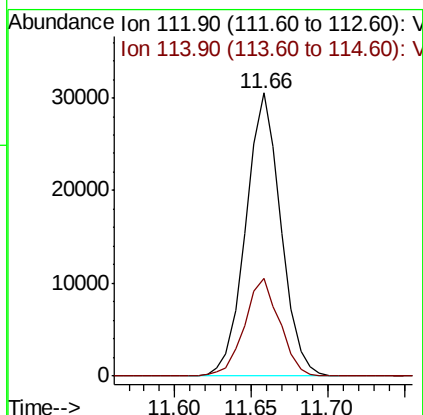
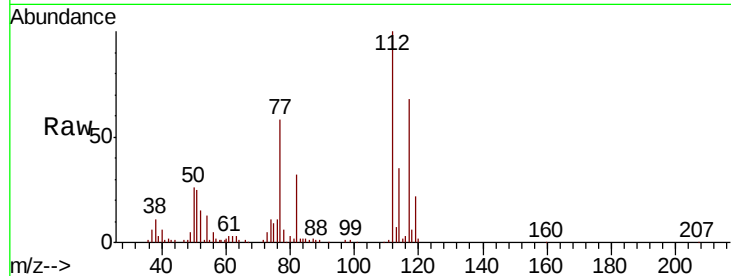




#65
Chlorobenzene
Concen: 4.693 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

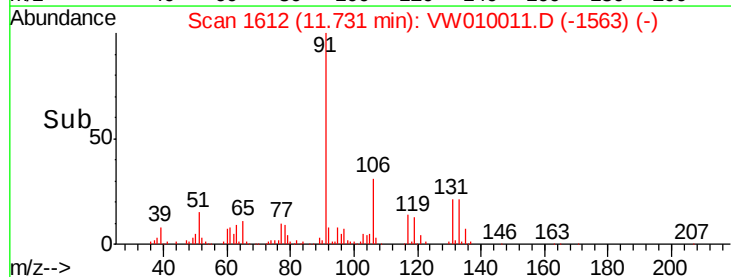
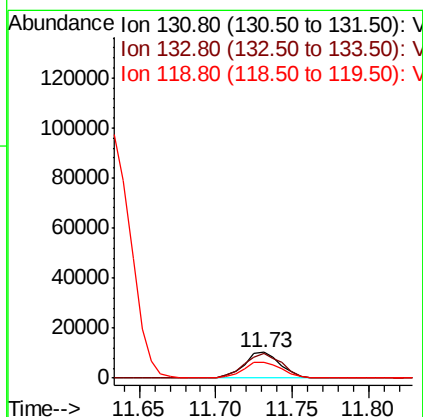
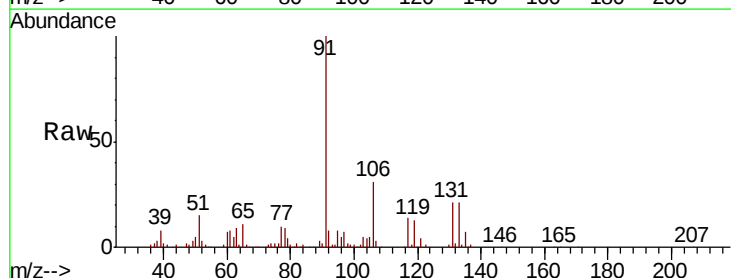
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

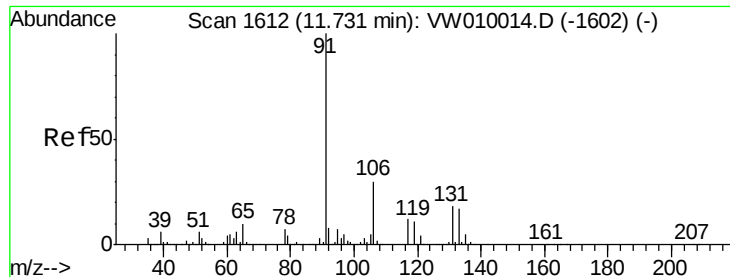
Tgt Ion:112 Resp: 48577
Ion Ratio Lower Upper
112 100
114 34.7 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.629 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion:131 Resp: 17135
Ion Ratio Lower Upper
131 100
133 98.6 46.5 139.5
119 66.6 31.9 95.5

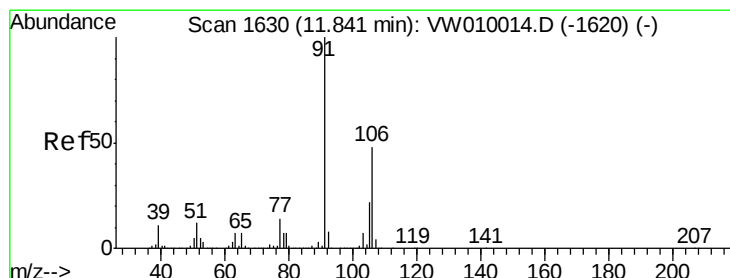
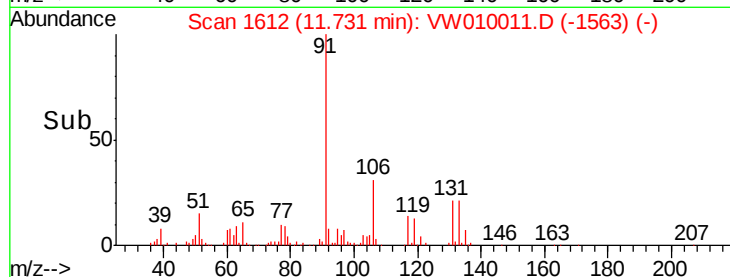
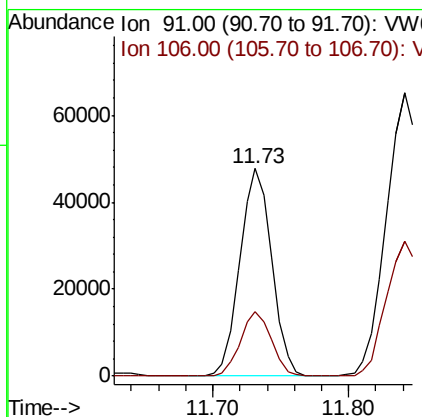
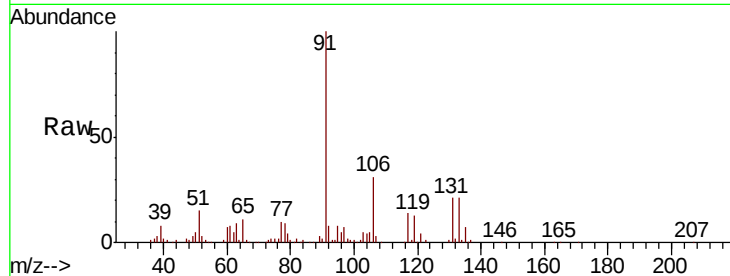




#67
Ethyl Benzene
Concen: 4.232 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

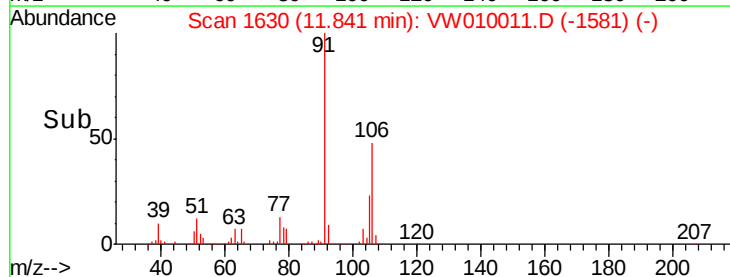
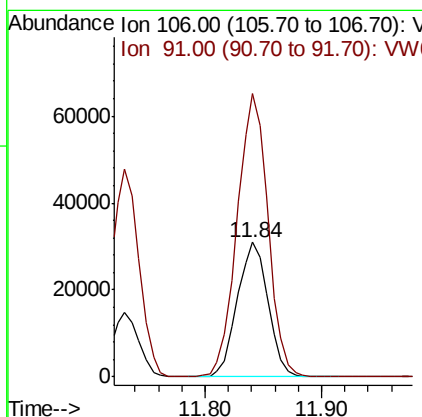
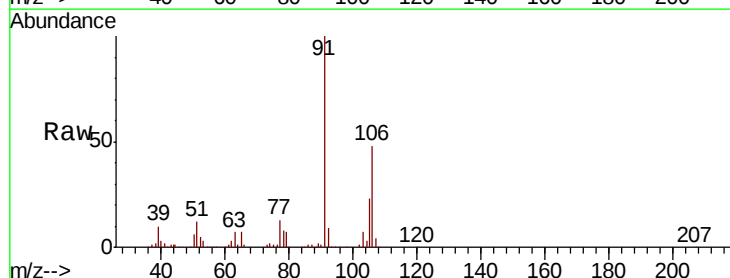
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

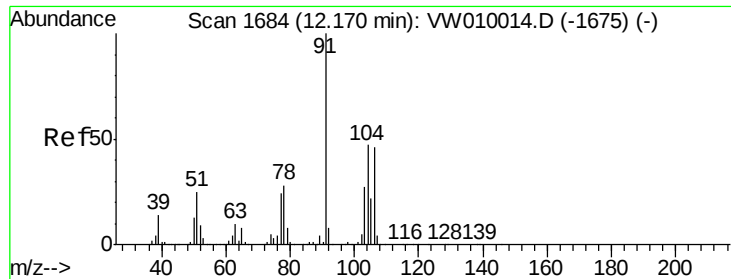
Tgt Ion: 91 Resp: 78146
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.8



#68
m/p-Xylenes
Concen: 8.299 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 106 Resp: 57290
Ion Ratio Lower Upper
106 100
91 209.7 165.0 247.6

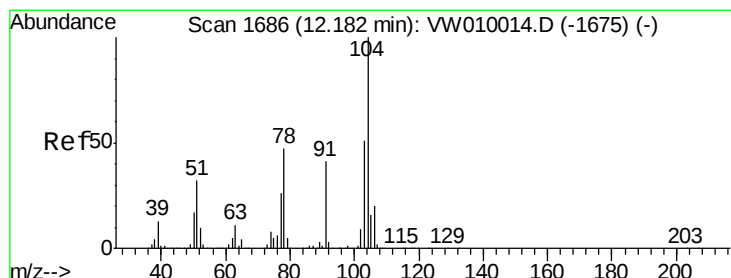
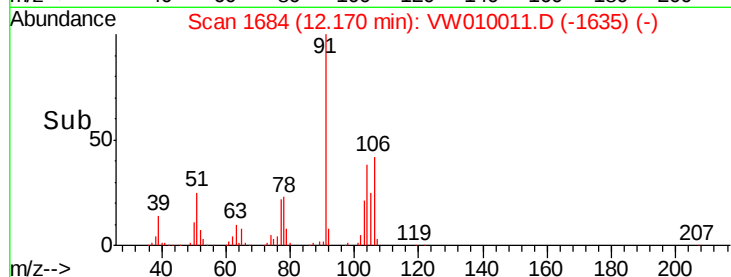
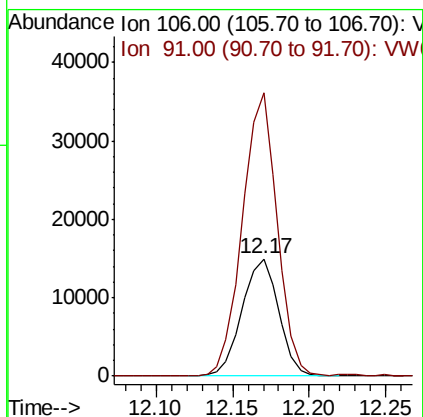
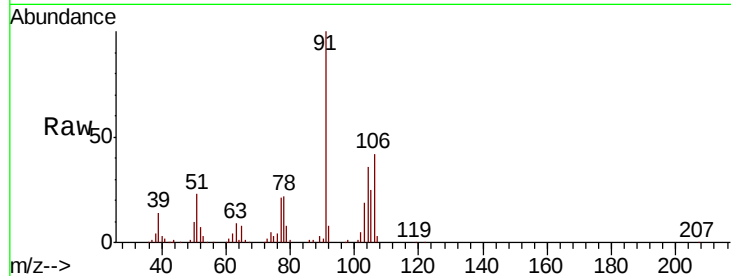




#69
o-Xylene
Concen: 3.973 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

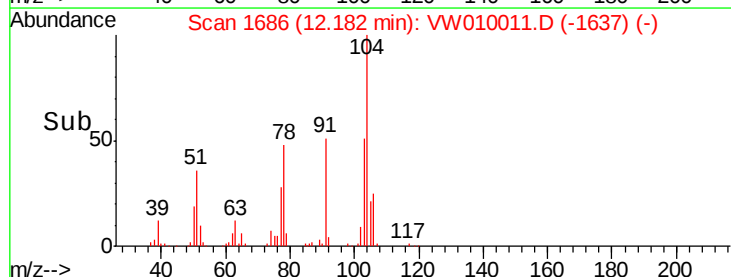
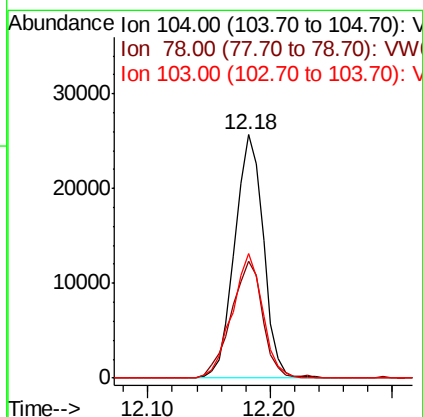
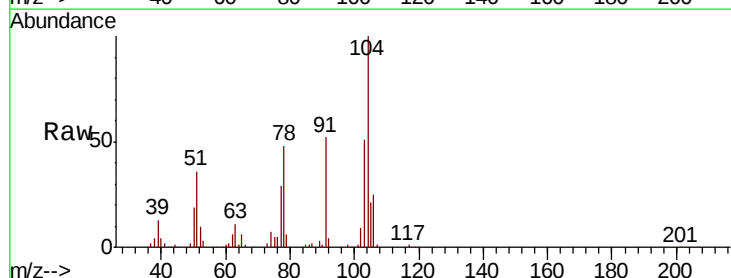
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

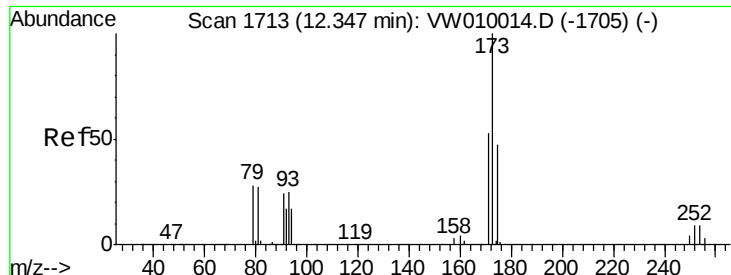
Tgt Ion:106 Resp: 24970
Ion Ratio Lower Upper
106 100
91 228.5 110.5 331.4



#70
Styrene
Concen: 3.844 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion:104 Resp: 41662
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 54.6 43.6 65.4





#71

Bromoform

Concen: 4.597 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

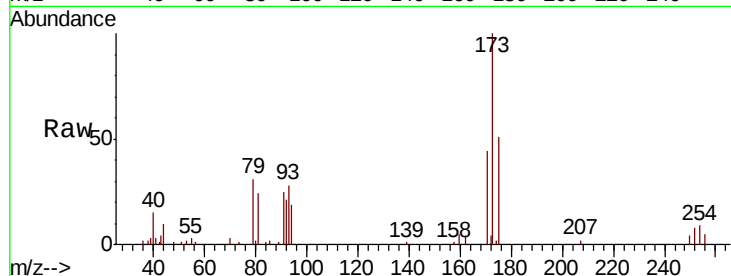
Tgt Ion:173 Resp: 8997

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.4

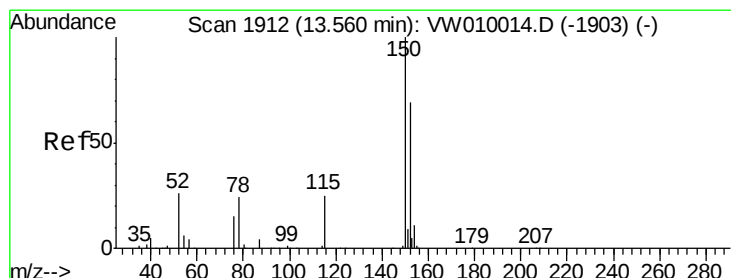
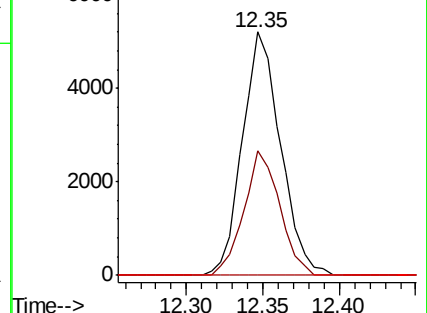
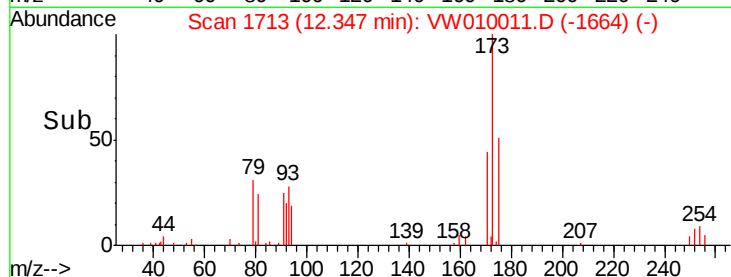
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

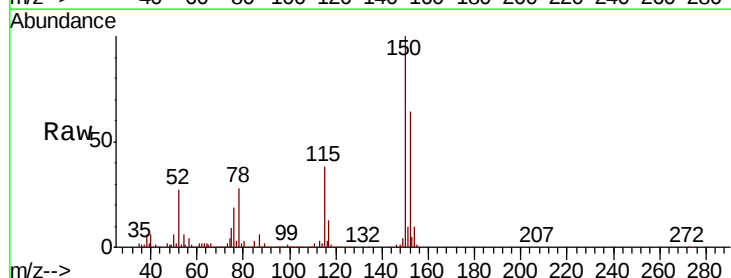
Tgt Ion:152 Resp: 252925

Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.2

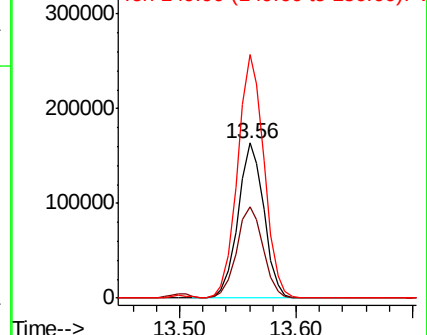
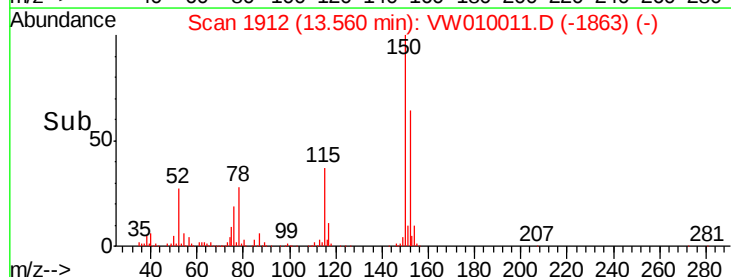
150 160.4 0.0 347.0

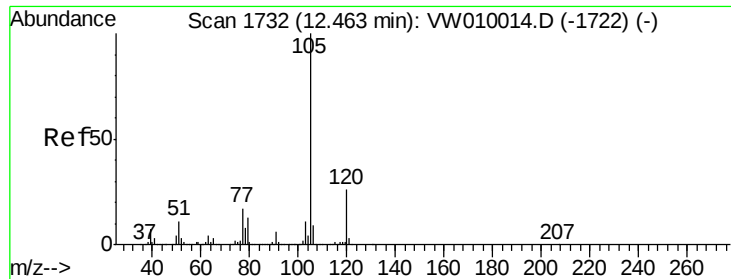


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.066 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

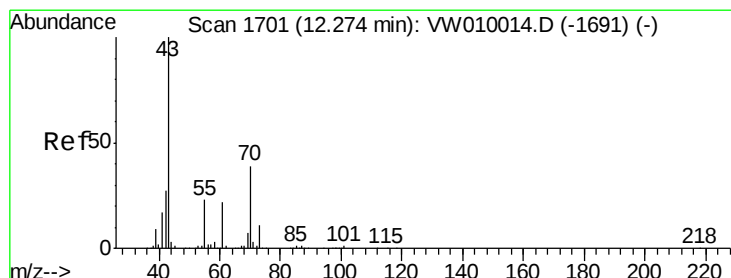
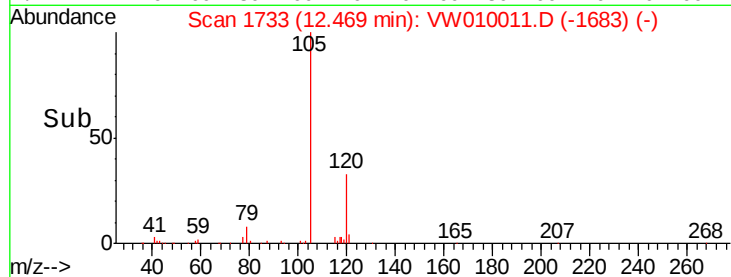
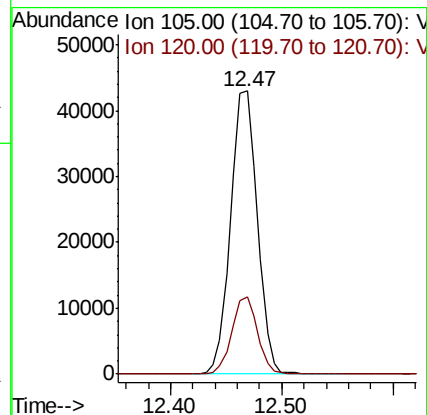
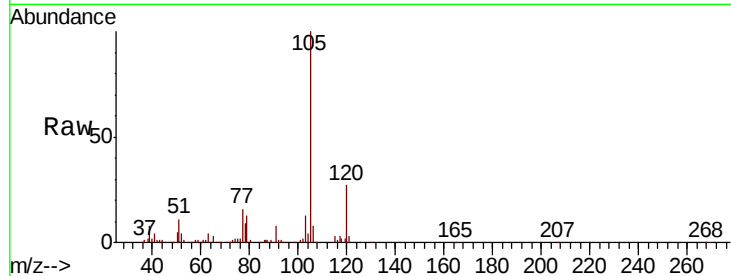
VSTDIC005

Tgt Ion: 105 Resp: 71581

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 3.722 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Tgt Ion: 43 Resp: 18146

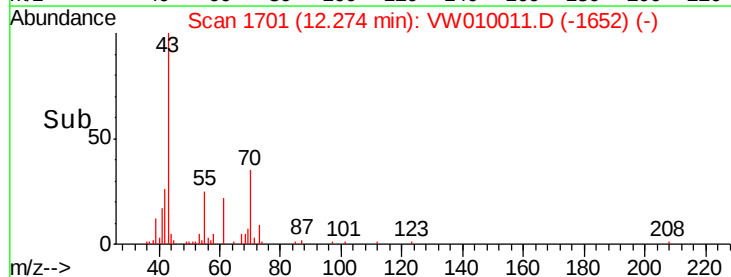
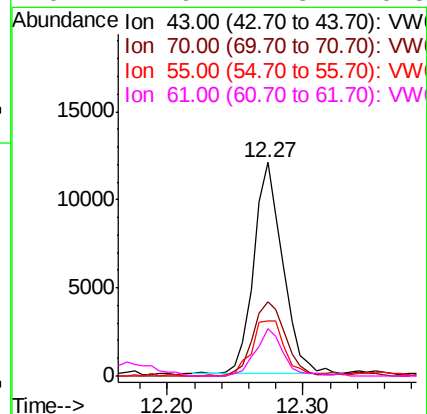
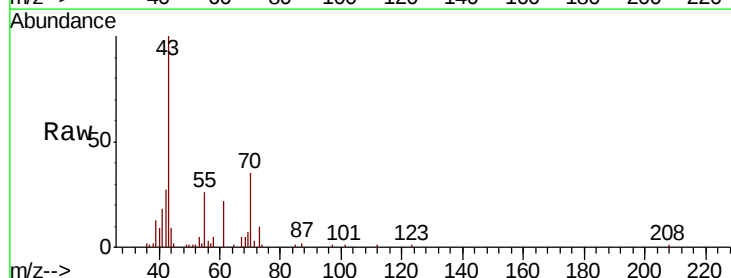
Ion Ratio Lower Upper

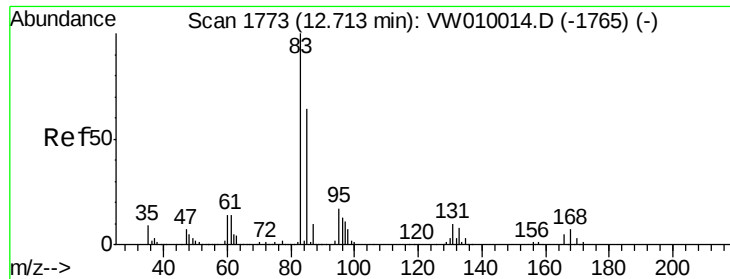
43 100

70 38.6 31.3 46.9

55 29.6 20.0 30.0

61 21.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.879 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

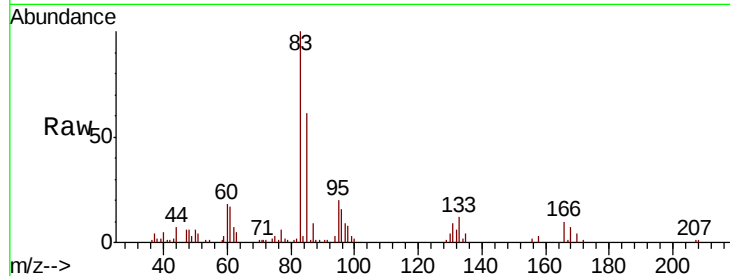
Tgt Ion: 83 Resp: 16967

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

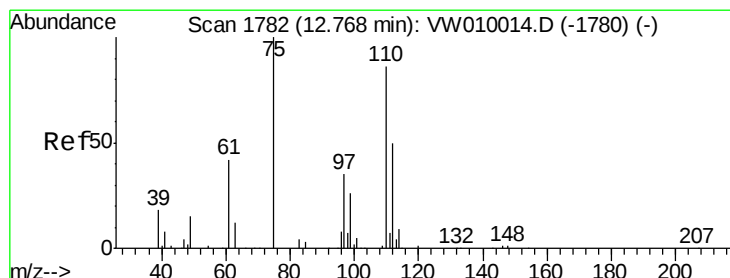
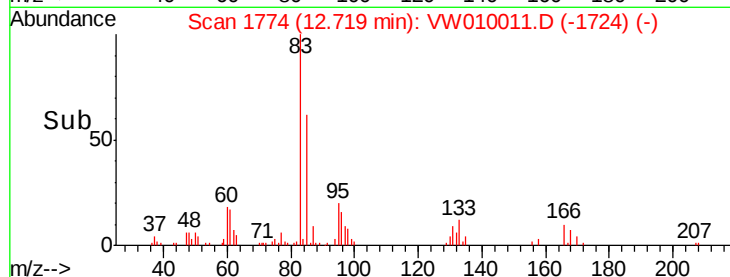
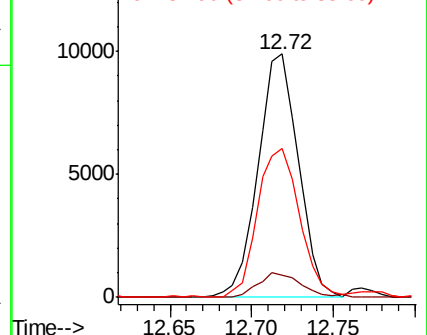
85 63.8 32.0 96.2



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: 6.994 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010011.D

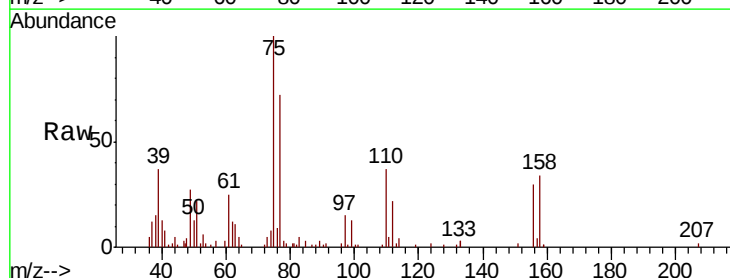
Acq: 17 Apr 2019 10:55

Tgt Ion: 75 Resp: 21206

Ion Ratio Lower Upper

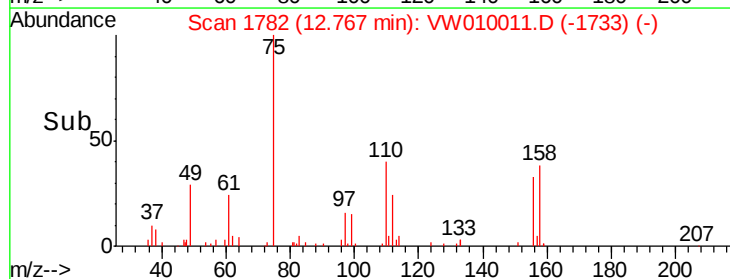
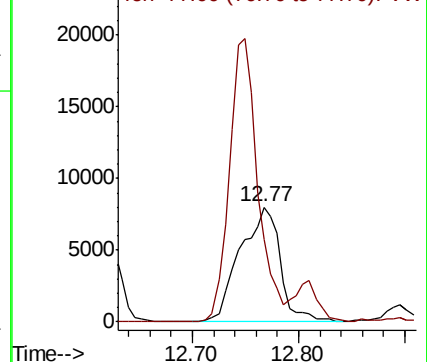
75 100

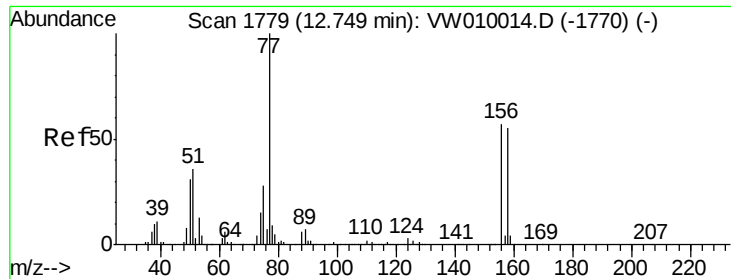
77 173.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

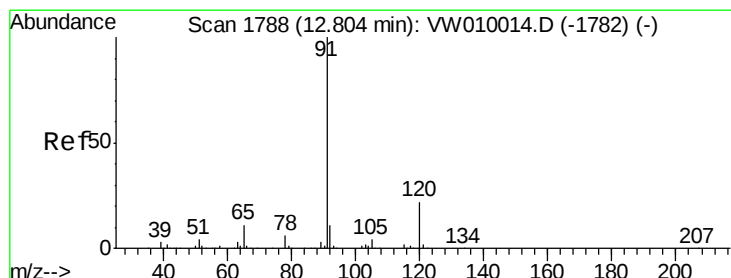
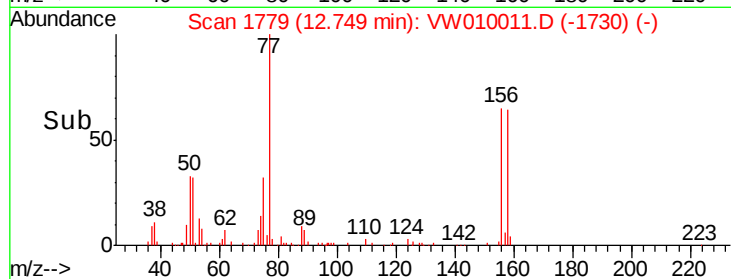
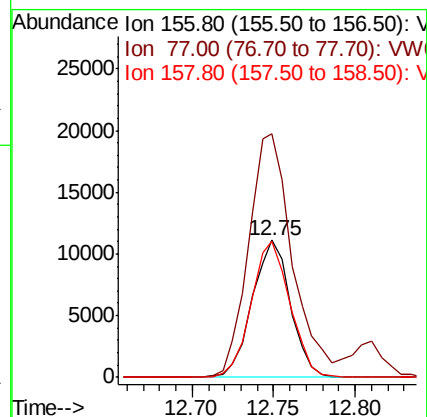
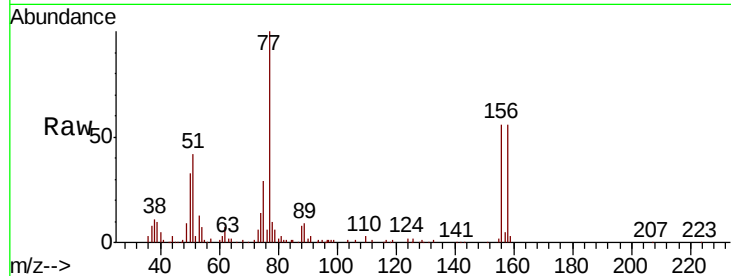




#77
Bromobenzene
Concen: 4.455 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

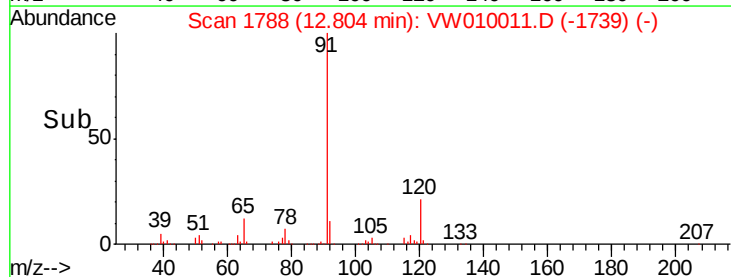
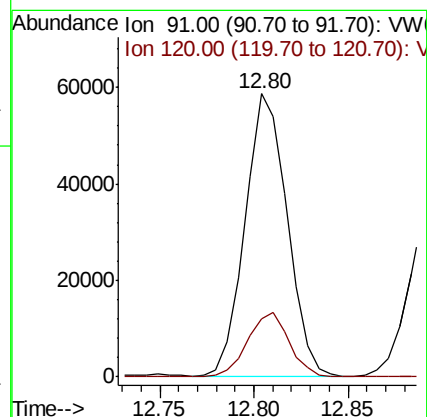
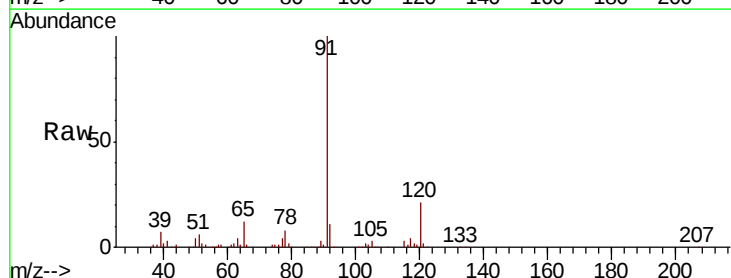
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

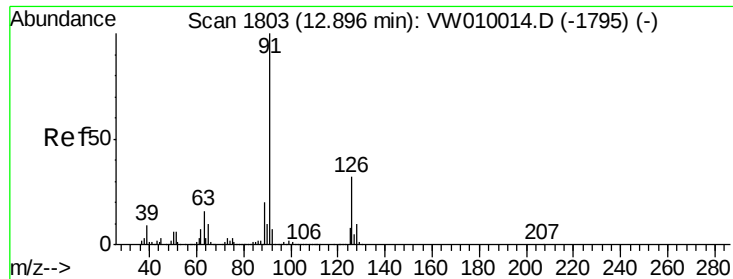
Tgt Ion:156 Resp: 18035
Ion Ratio Lower Upper
156 100
77 204.3 102.5 307.4
158 101.0 48.8 146.4



#78
n-propylbenzene
Concen: 4.146 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 91 Resp: 90453
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1

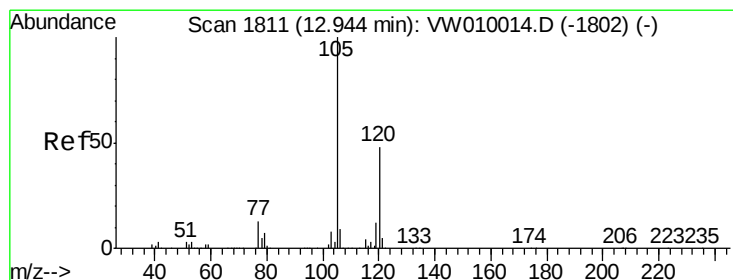
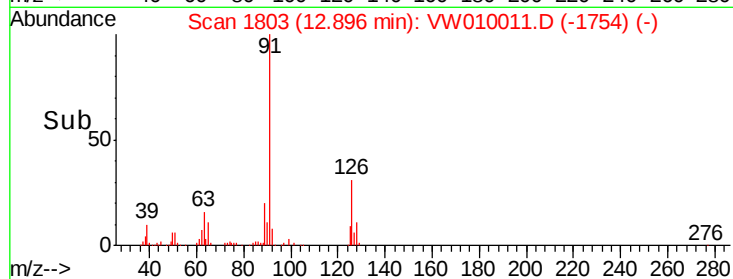
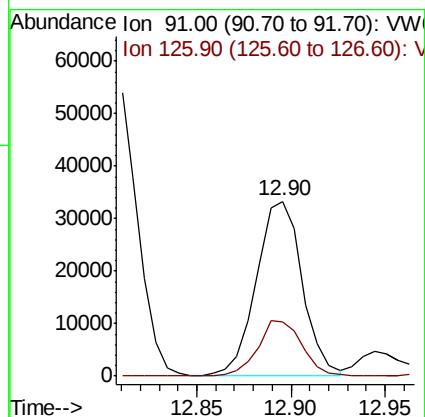
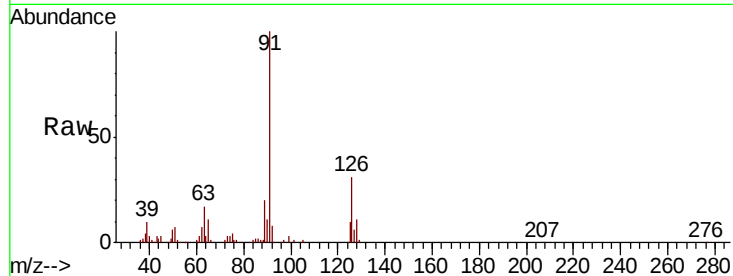




#79
2-Chlorotoluene
Concen: 4.459 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

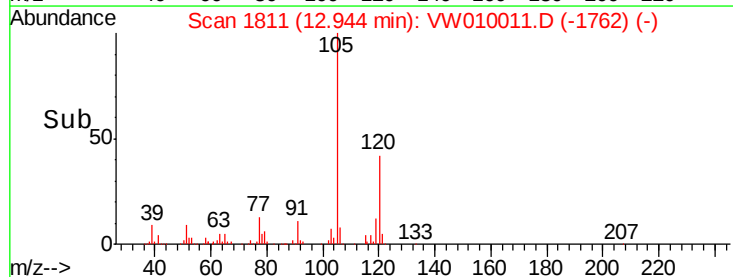
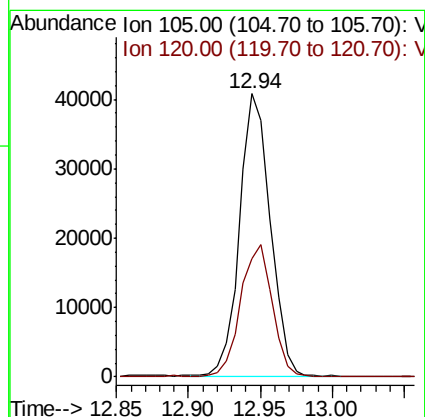
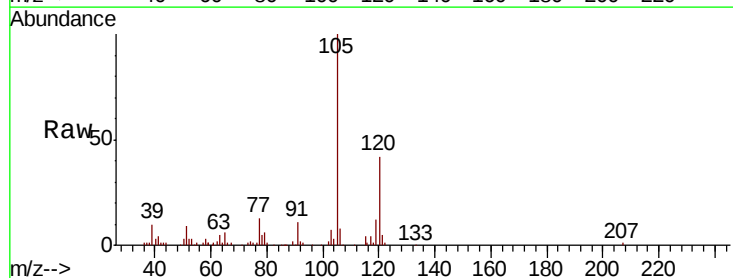
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

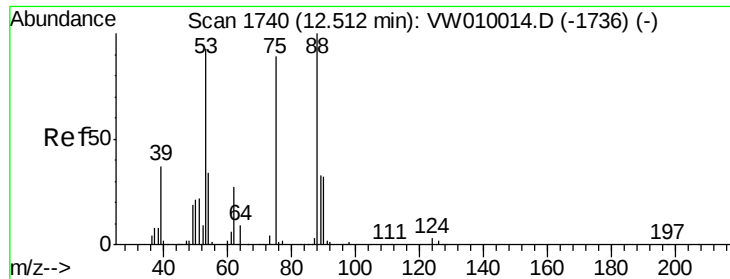
Tgt Ion: 91 Resp: 55943
Ion Ratio Lower Upper
91 100
126 30.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 4.076 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion: 105 Resp: 60838
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.961 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

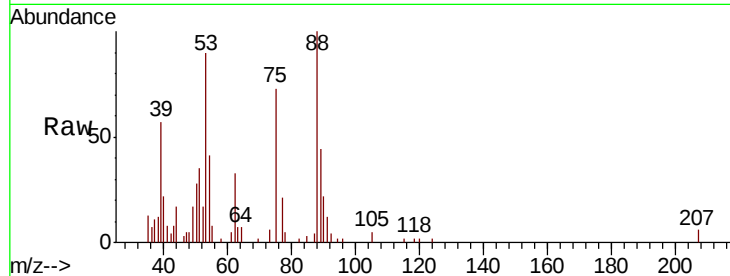
Tgt Ion: 75 Resp: 4252

Ion Ratio Lower Upper

75 100

53 124.3 89.8 134.8

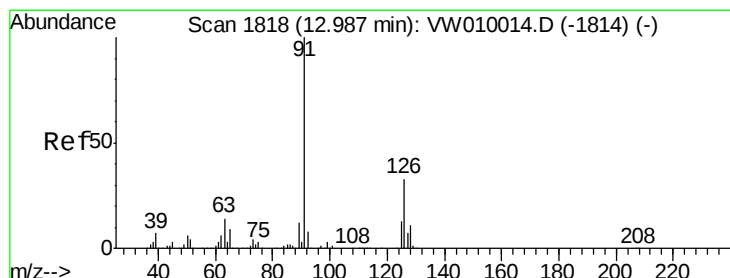
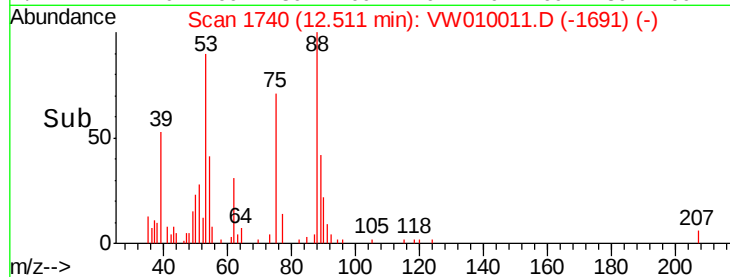
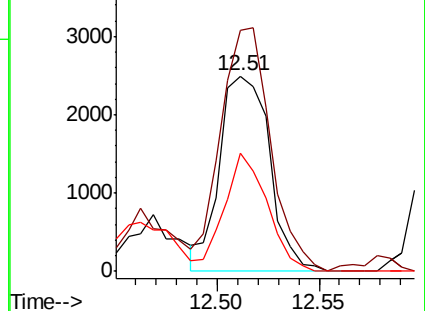
89 51.9 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 4.370 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010011.D

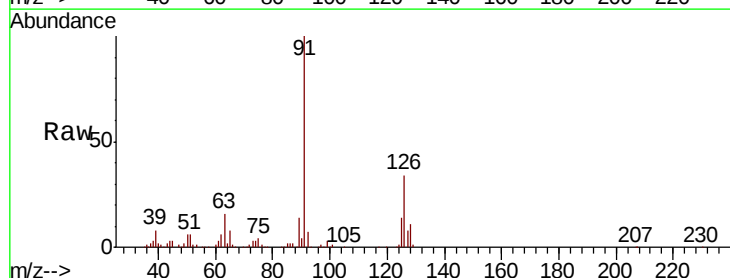
Acq: 17 Apr 2019 10:55

Tgt Ion: 91 Resp: 57708

Ion Ratio Lower Upper

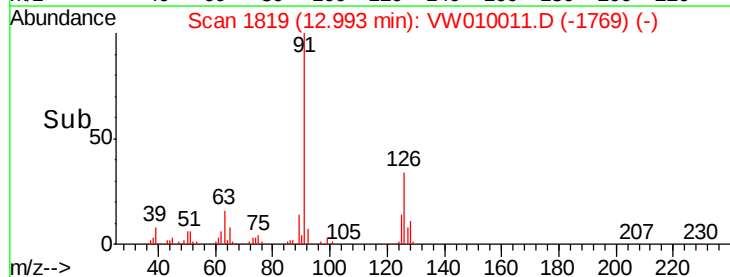
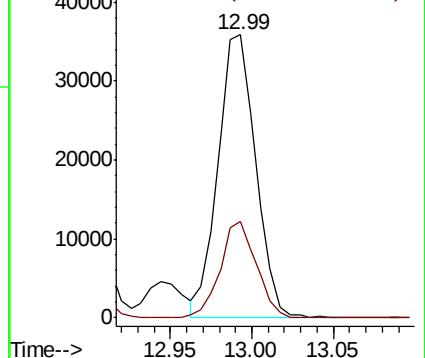
91 100

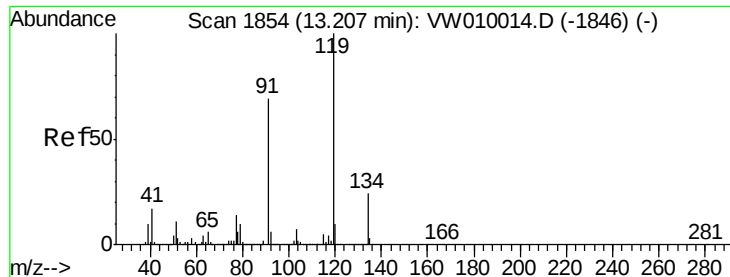
126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

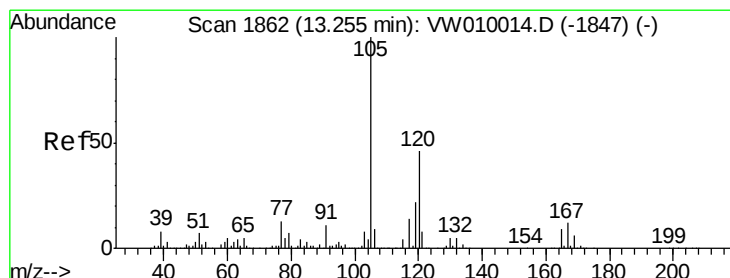
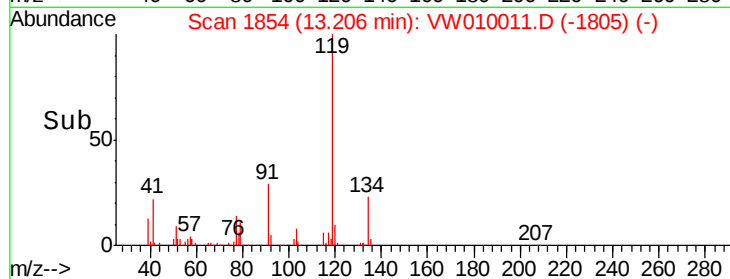
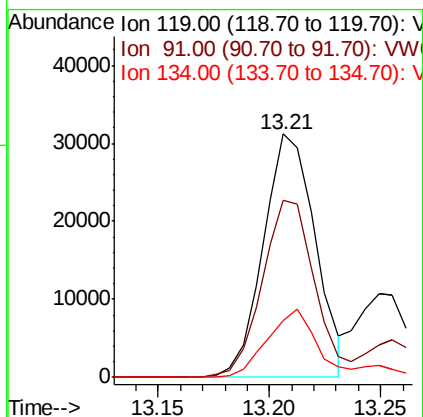
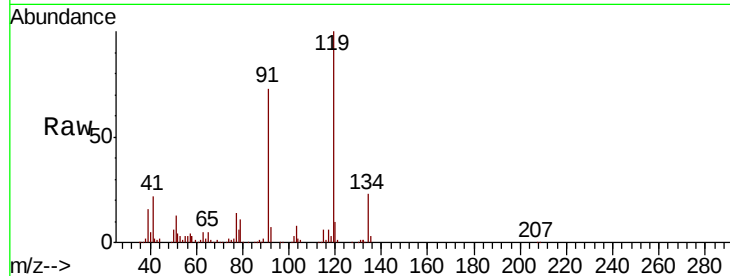




#83
tert-Butylbenzene
Concen: 4.084 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

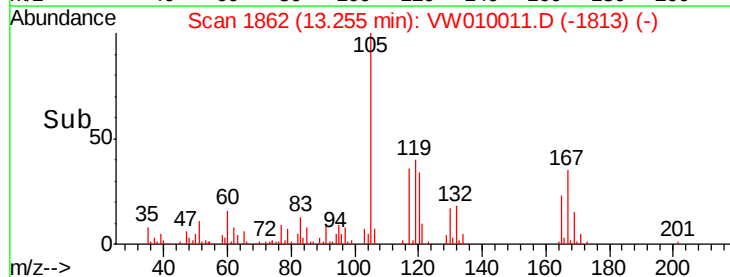
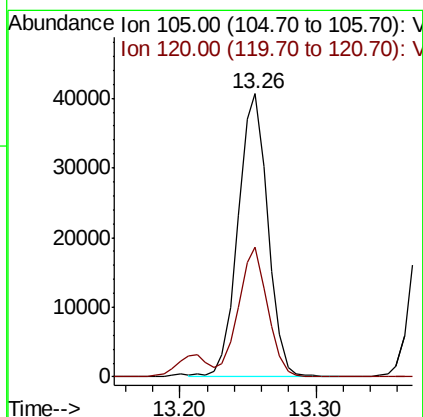
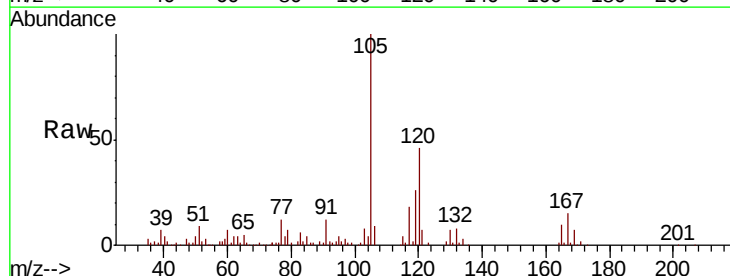
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

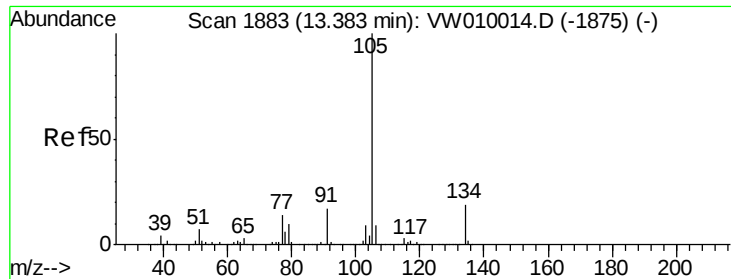
Tgt Ion:119 Resp: 50475
Ion Ratio Lower Upper
119 100
91 73.7 34.8 104.4
134 26.4 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 4.101 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion:105 Resp: 62060
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.7

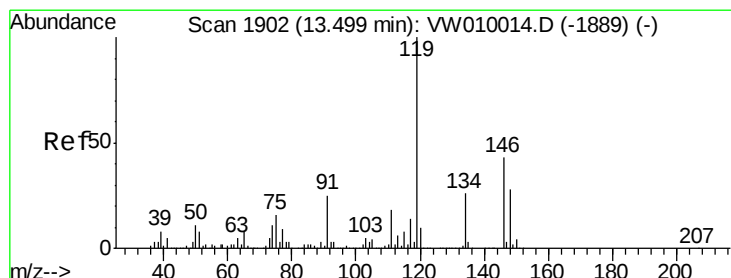
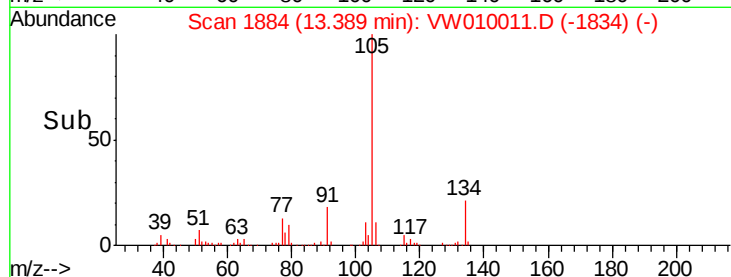
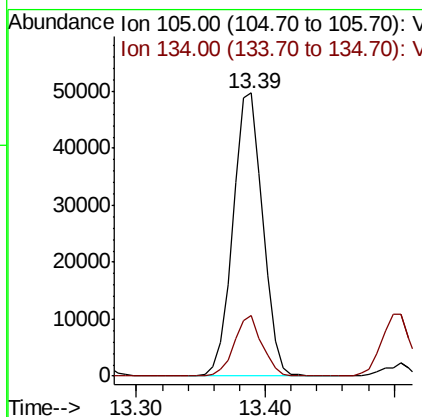
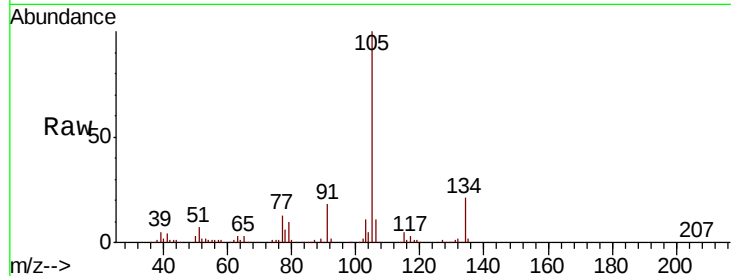




#85
 sec-Butylbenzene
 Concen: 4.328 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

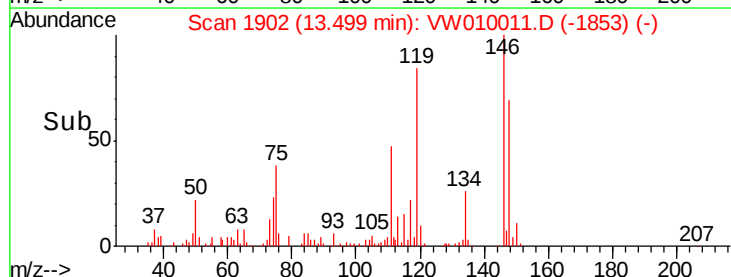
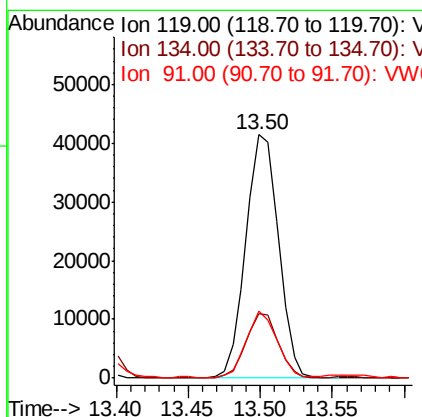
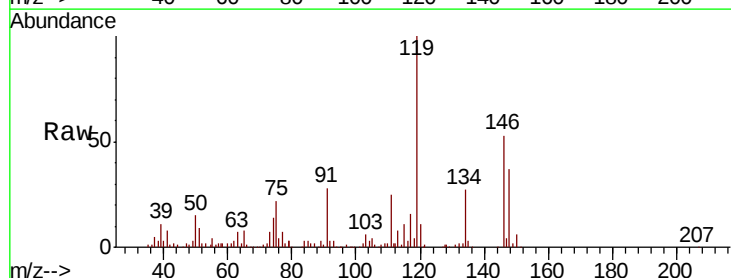
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

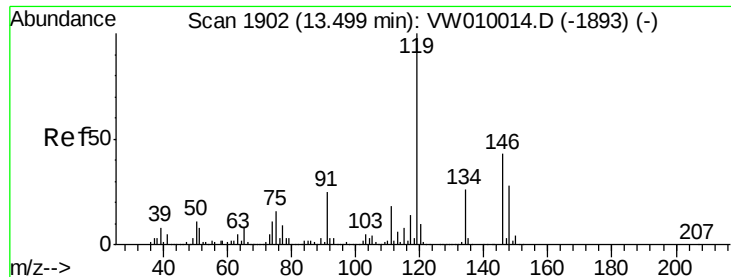
Tgt Ion:105 Resp: 79947
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.018 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion:119 Resp: 65418
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 26.1 12.3 36.9

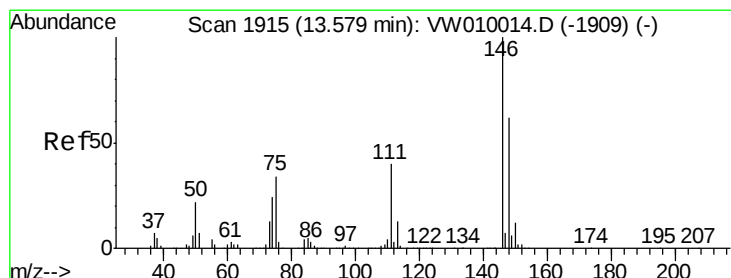
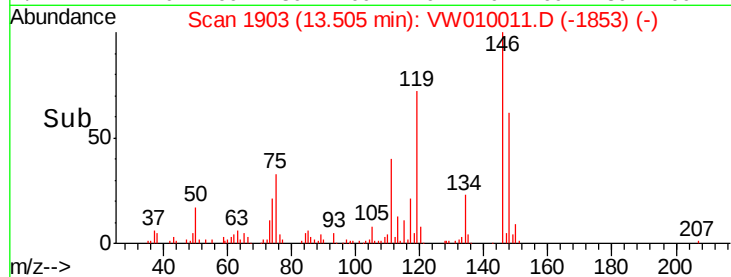
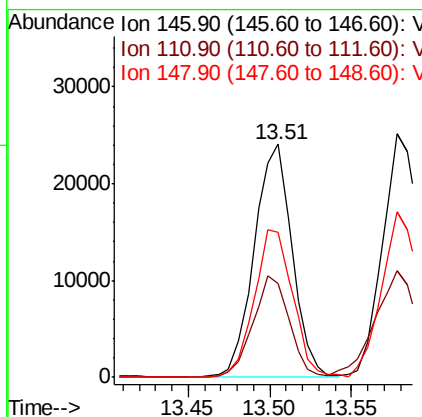
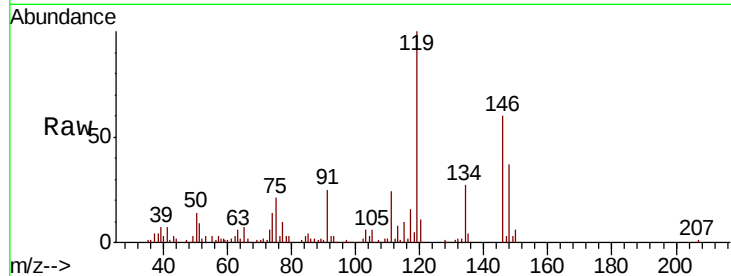




#87
 1,3-Dichlorobenzene
 Concen: 4.756 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

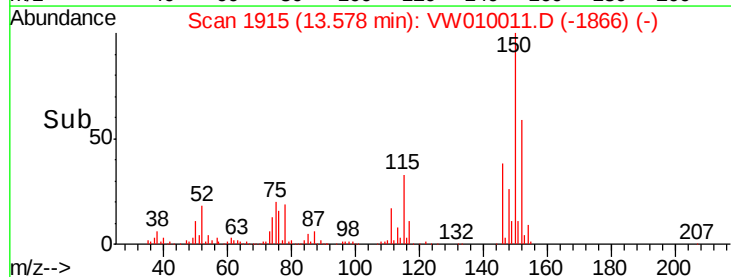
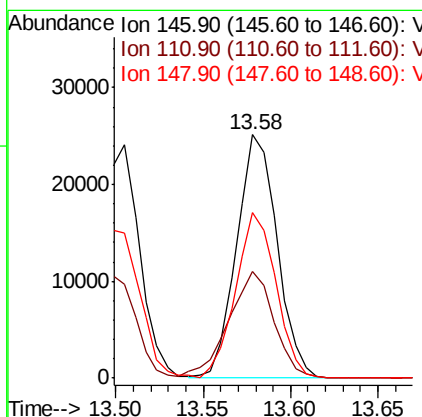
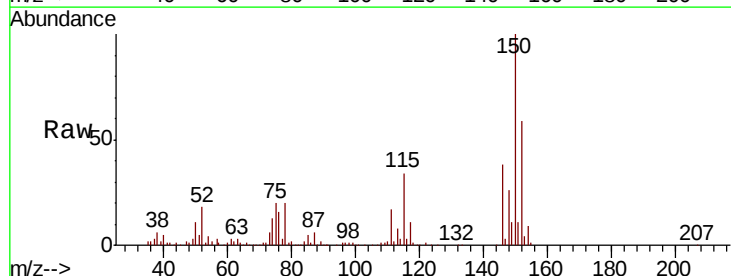
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

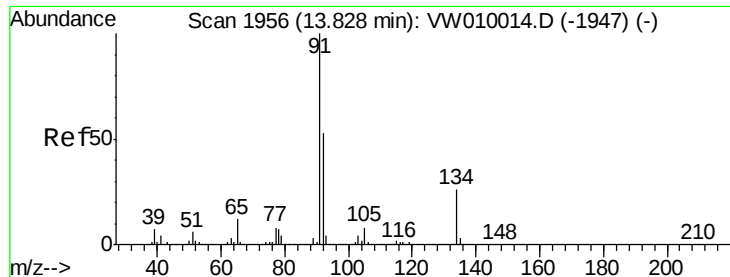
Tgt Ion:146 Resp: 38926
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 61.0
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 4.968 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion:146 Resp: 40580
 Ion Ratio Lower Upper
 146 100
 111 49.2 20.1 60.3
 148 67.5 31.8 95.3





#89

n-Butylbenzene

Concen: 4.098 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010011.D

Acq: 17 Apr 2019 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

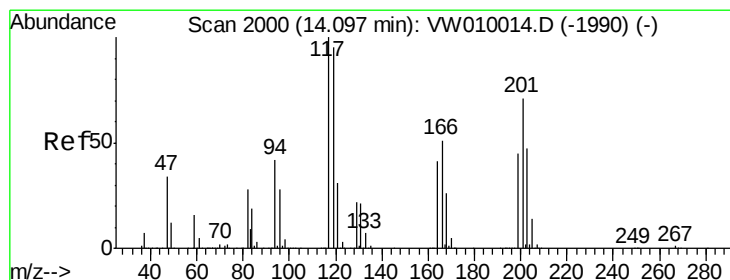
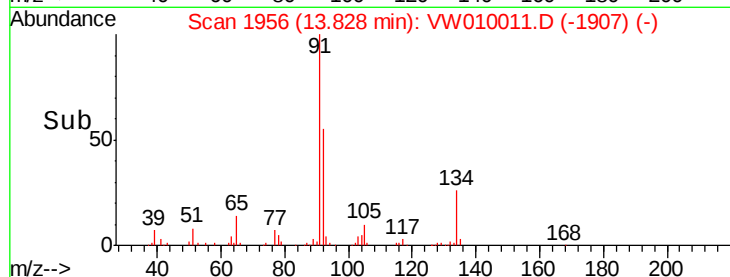
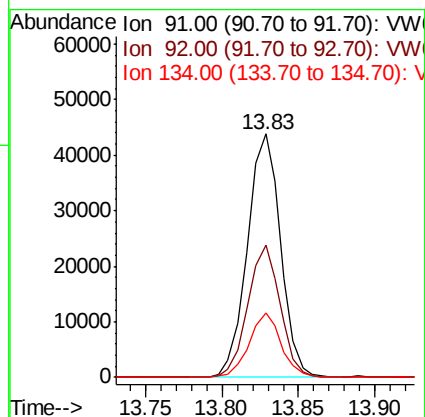
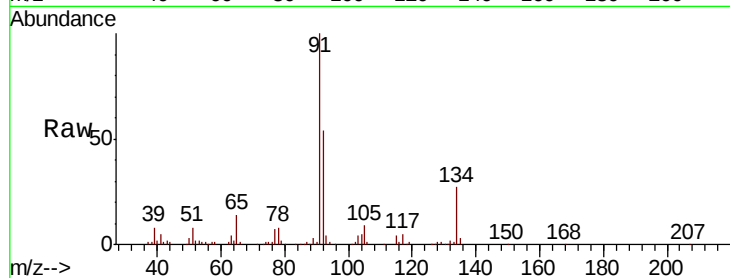
Tgt Ion: 91 Resp: 66103

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.4

134 25.4 12.4 37.0



#90

Hexachloroethane

Concen: 4.557 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010011.D

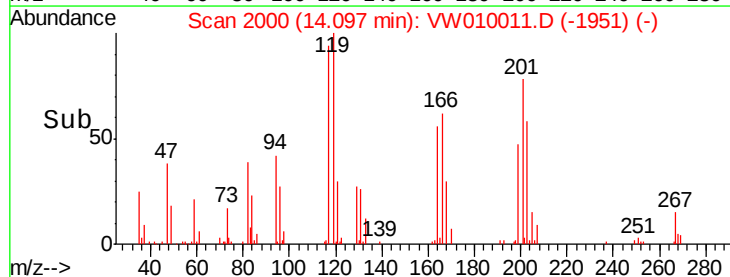
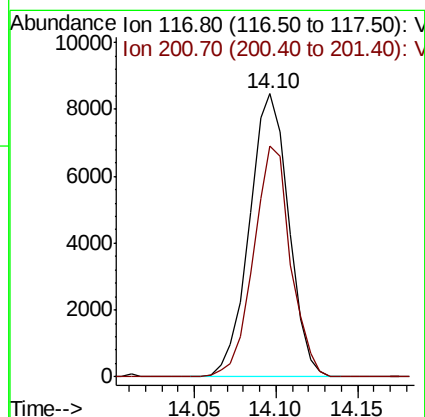
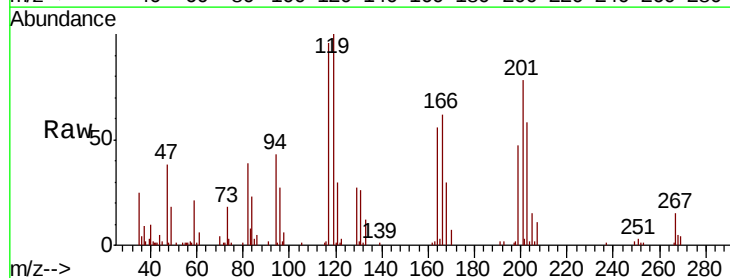
Acq: 17 Apr 2019 10:55

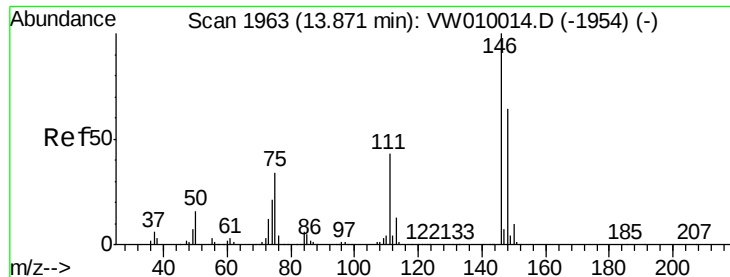
Tgt Ion: 117 Resp: 14210

Ion Ratio Lower Upper

117 100

201 76.8 36.1 108.3

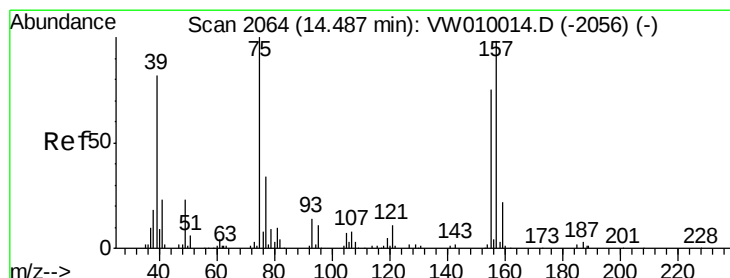
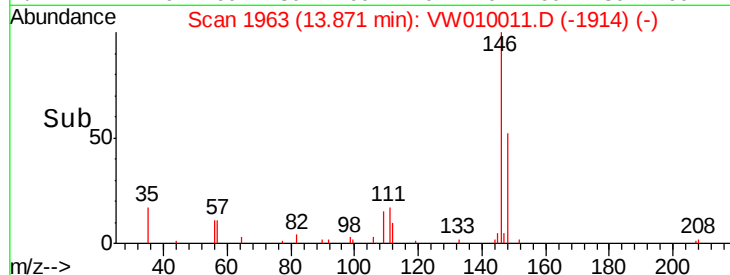
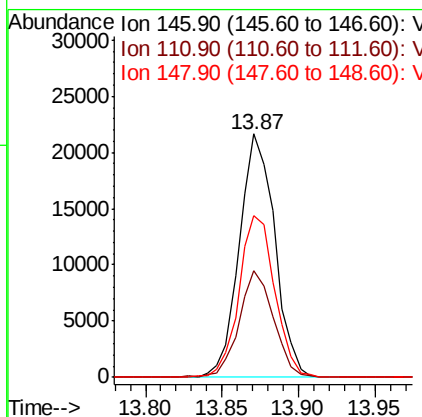
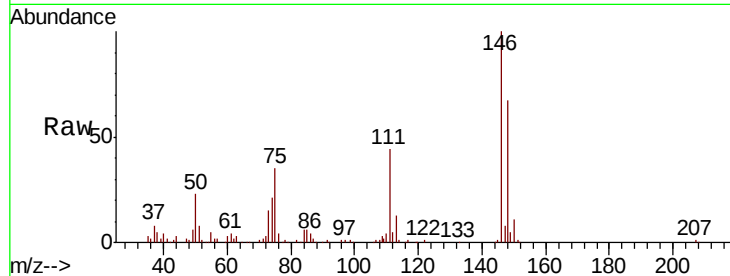




#91
 1,2-Dichlorobenzene
 Concen: 4.740 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

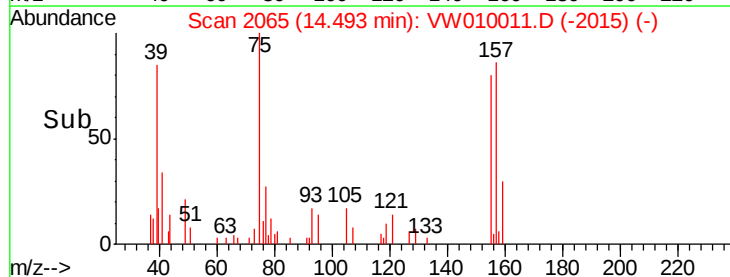
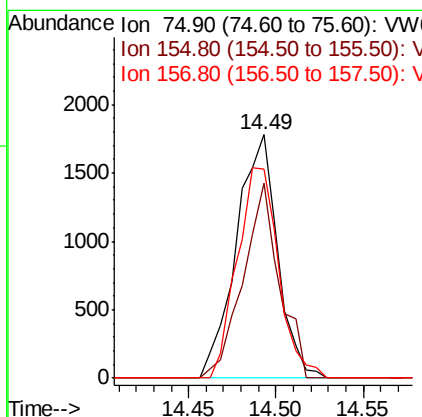
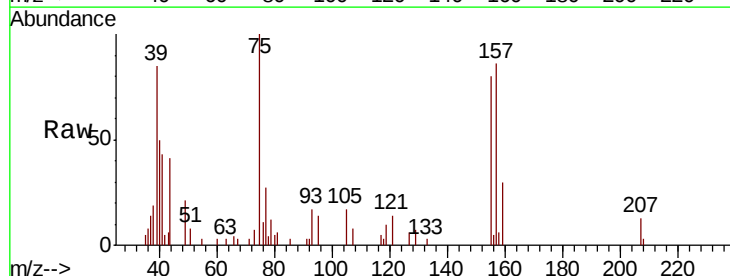
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

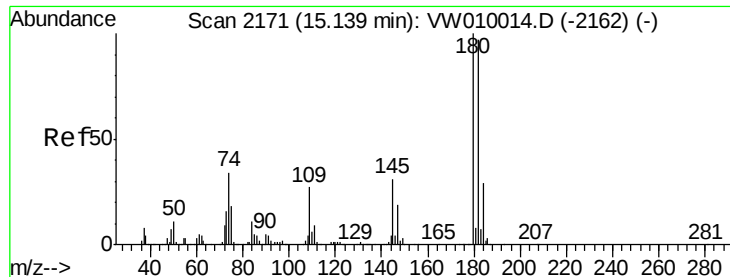
Tgt Ion: 146 Resp: 34781
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.8
 148 67.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.695 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion: 75 Resp: 2922
 Ion Ratio Lower Upper
 75 100
 155 70.2 37.1 111.5
 157 86.3 47.3 141.9

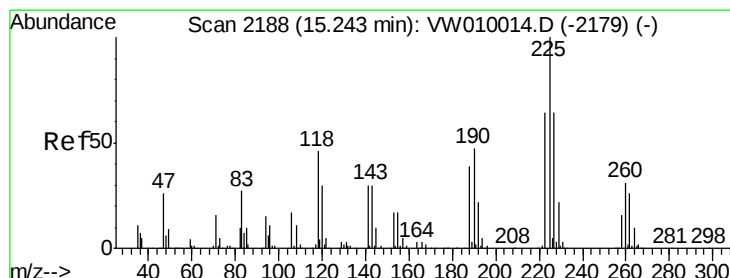
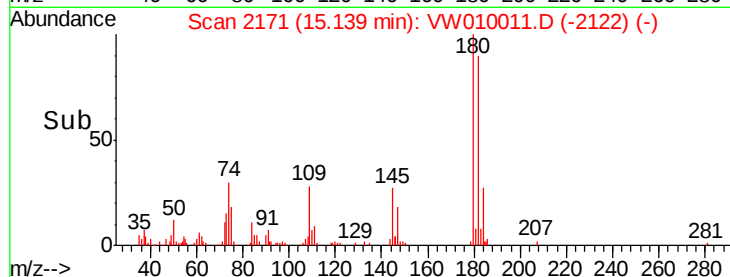
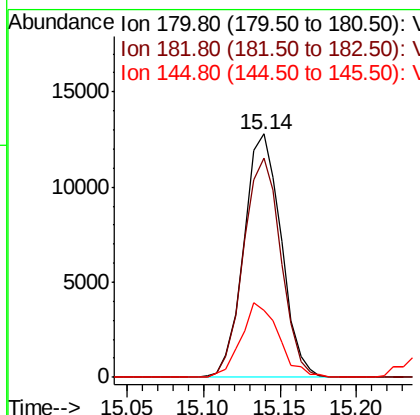
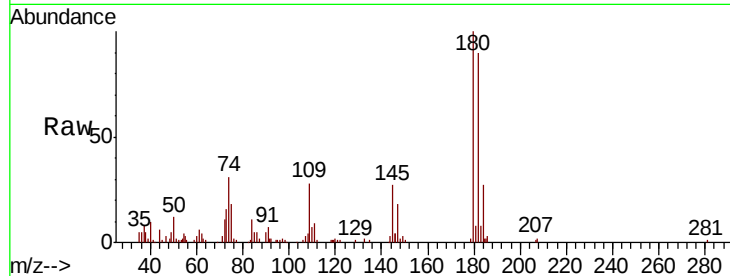




#93
 1,2,4-Trichlorobenzene
 Concen: 4.477 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

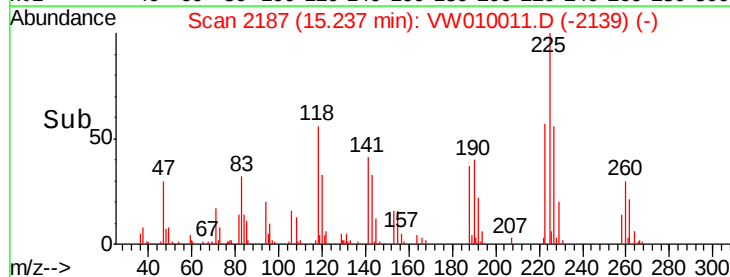
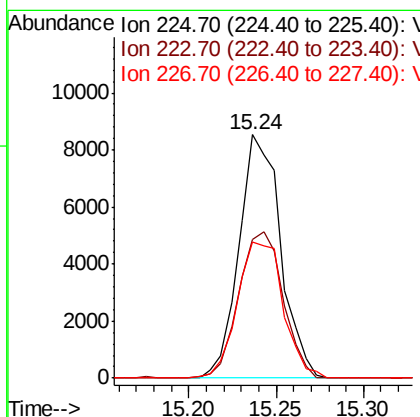
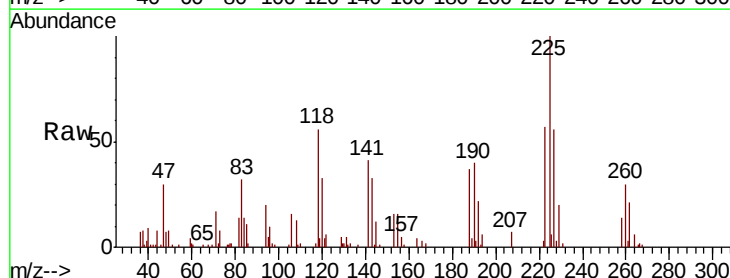
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

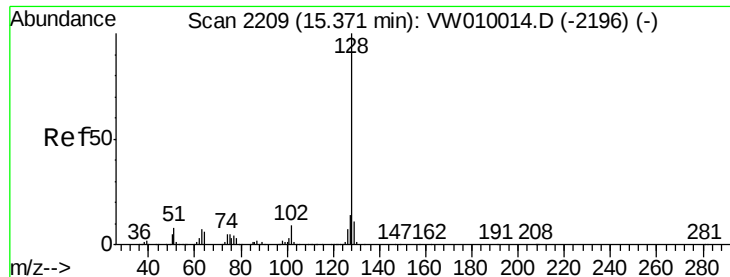
Tgt Ion:180 Resp: 21671
 Ion Ratio Lower Upper
 180 100
 182 90.4 47.1 141.4
 145 30.8 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 4.791 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010011.D
 Acq: 17 Apr 2019 10:55

Tgt Ion:225 Resp: 14085
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.5
 227 61.7 31.8 95.3

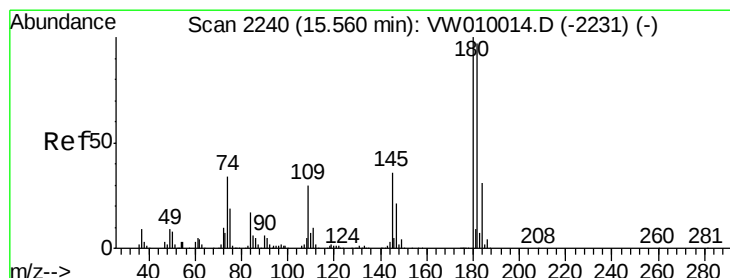
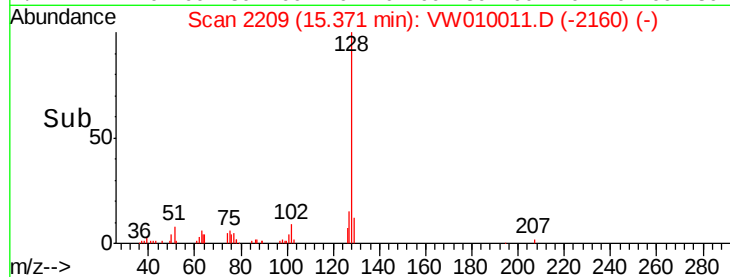
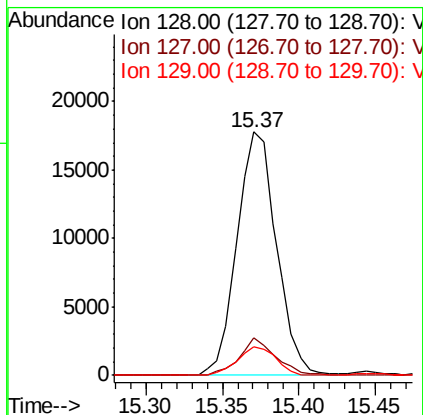
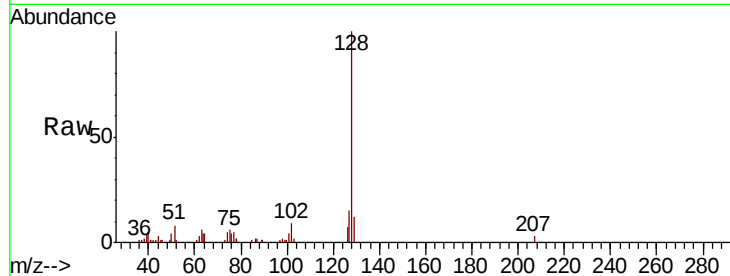




#95
Naphthalene
Concen: 3.666 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 31859
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.383 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW010011.D
Acq: 17 Apr 2019 10:55

Tgt Ion:180 Resp: 18410
Ion Ratio Lower Upper
180 100
182 100.5 47.8 143.3
145 32.7 16.4 49.2

