

Data File : VW008396.D
Acq On : 24 Jan 2019 14:50
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Jan 25 10:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	588958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	918471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	814579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	415745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58314	9.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.04%	
35) Dibromofluoromethane	7.88	113	54760	9.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.68%	
50) Toluene-d8	10.32	98	219297	9.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.04%	
62) 4-Bromofluorobenzene	12.62	95	83669	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	23359	6.294	ug/l 88
3) Chloromethane	2.21	50	40220	7.393	ug/l 99
4) Vinyl Chloride	2.37	62	53089	7.638	ug/l 98
5) Bromomethane	2.78	94	31192	5.922	ug/l 98
6) Chloroethane	2.93	64	29912	6.575	ug/l 95
7) Trichlorofluoromethane	3.26	101	34035	6.669	ug/l 95
8) Diethyl Ether	3.68	74	25658	7.250	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45894	7.724	ug/l 95
10) Methyl Iodide	4.26	142	73978	7.720	ug/l 99
11) Tert butyl alcohol	5.17	59	20484	49.658	ug/l # 90
12) 1,1-Dichloroethene	4.03	96	48061	7.953	ug/l 92
13) Acrolein	3.89	56	24460	65.393	ug/l 90
14) Allyl chloride	4.67	41	89438	8.853	ug/l 98
15) Acrylonitrile	5.37	53	54147	39.830	ug/l 98
16) Acetone	4.12	43	58636	41.212	ug/l 96
17) Carbon Disulfide	4.37	76	149591	8.135	ug/l 98
18) Methyl Acetate	4.67	43	33204	8.736	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	80859	8.741	ug/l 96
20) Methylene Chloride	4.92	84	58092	7.689	ug/l 94
21) trans-1,2-Dichloroethene	5.42	96	53882	7.939	ug/l 98
22) Diisopropyl ether	6.31	45	168177	8.526	ug/l 97
23) Vinyl Acetate	6.26	43	482107	45.726	ug/l 99
24) 1,1-Dichloroethane	6.21	63	96035	7.997	ug/l 97
25) 2-Butanone	7.17	43	78587	43.125	ug/l 98
26) 2,2-Dichloropropane	7.17	77	67335	8.786	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	57291	7.791	ug/l 98
28) Bromochloromethane	7.51	49	48829	9.869	ug/l 96
29) Tetrahydrofuran	7.53	42	49736	43.779	ug/l 99
30) Chloroform	7.68	83	94706	7.970	ug/l 100
31) Cyclohexane	7.95	56	106590	9.315	ug/l # 91
32) 1,1,1-Trichloroethane	7.87	97	82242	8.247	ug/l 100
36) 1,1-Dichloropropene	8.08	75	75903	8.214	ug/l 96
37) Ethyl Acetate	7.26	43	31402	8.241	ug/l # 96
38) Carbon Tetrachloride	8.07	117	77688	8.514	ug/l 96

Data File : VW008396.D
Acq On : 24 Jan 2019 14:50
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Jan 25 10:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101025	9.191	ug/l	99
40) Benzene	8.32	78	211842	8.093	ug/l	98
41) Methacrylonitrile	7.48	41	18977	8.555	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	61107	8.349	ug/l	99
43) Isopropyl Acetate	8.43	43	67932	9.438	ug/l	97
44) Trichloroethene	9.09	130	58121	8.105	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53550	8.236	ug/l	97
46) Dibromomethane	9.46	93	26850	7.923	ug/l	98
47) Bromodichloromethane	9.65	83	73154	8.752	ug/l	99
48) Methyl methacrylate	9.44	41	35783	10.560	ug/l	95
49) 1,4-Dioxane	9.45	88	9166	168.021	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	168701	46.286	ug/l	100
52) Toluene	10.39	92	138251	8.346	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75878	9.095	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	87141	8.860	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37088	7.891	ug/l	98
56) Ethyl methacrylate	10.65	69	51380	9.308	ug/l	99
57) 1,3-Dichloropropane	10.93	76	67381	8.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	130854	49.145	ug/l	98
59) 2-Hexanone	10.97	43	119871	46.940	ug/l	99
60) Dibromochloromethane	11.13	129	48420	8.632	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37299	8.195	ug/l	99
64) Tetrachloroethene	10.86	164	50020	8.757	ug/l	97
65) Chlorobenzene	11.66	112	148588	8.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52863	8.645	ug/l	99
67) Ethyl Benzene	11.73	91	272083	8.819	ug/l	100
68) m/p-Xylenes	11.84	106	209902	17.529	ug/l	99
69) o-Xylene	12.17	106	99784	8.919	ug/l	98
70) Styrene	12.18	104	161611	8.993	ug/l	98
71) Bromoform	12.35	173	28804	9.455	ug/l #	99
73) Isopropylbenzene	12.47	105	274883	9.074	ug/l	99
74) N-amyl acetate	12.27	43	68453	10.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43861	8.513	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	61201	16.165	ug/l	20
77) Bromobenzene	12.75	156	60073	8.256	ug/l	97
78) n-propylbenzene	12.80	91	330395	9.011	ug/l	98
79) 2-Chlorotoluene	12.90	91	184365	8.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	227459	8.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15958	10.059	ug/l	100
82) 4-Chlorotoluene	12.99	91	195015	8.908	ug/l	100
83) tert-Butylbenzene	13.21	119	203658	9.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	232034	9.011	ug/l	99
85) sec-Butylbenzene	13.39	105	295058	9.237	ug/l	100
86) p-Isopropyltoluene	13.51	119	256554	9.195	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122209	8.453	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	121038	8.357	ug/l	98
89) n-Butylbenzene	13.83	91	249197	9.311	ug/l	100
90) Hexachloroethane	14.10	117	50604	9.801	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	107069	8.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8152	9.676	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012419\
Quantitation Report (Not Reviewed)

Data File : VW008396.D
Acq On : 24 Jan 2019 14:50
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Jan 25 10:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76959	8.907	ug/l	98
94) Hexachlorobutadiene	15.24	225	47716	9.799	ug/l	97
95) Naphthalene	15.38	128	128121	8.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63175	8.394	ug/l	97

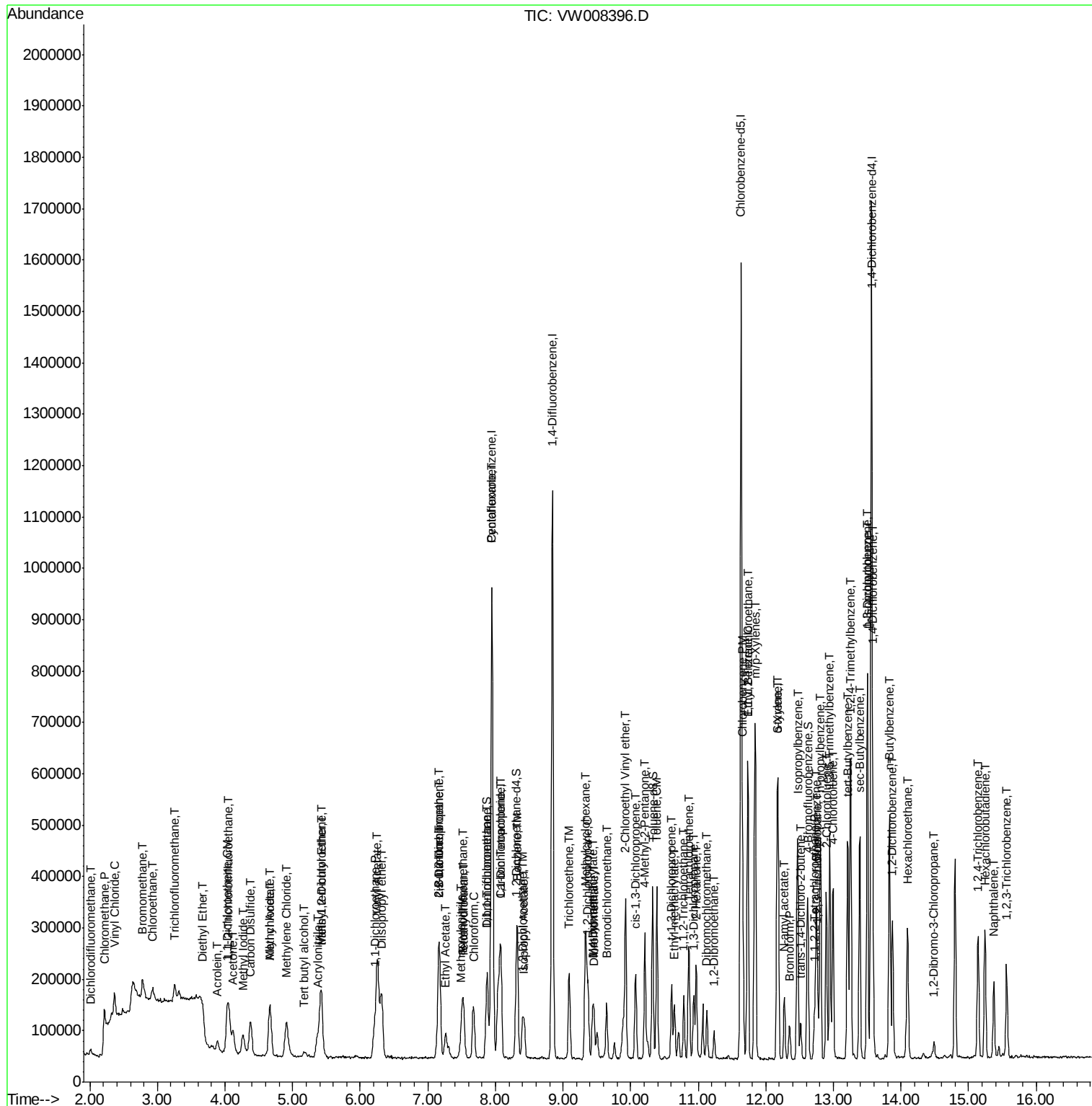
(#) = qualifier out of range (m) = manual integration (+) = signals summed

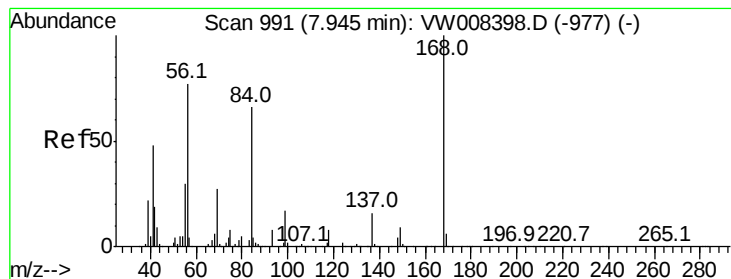
Data File : VW008396.D

```
Acq On       : 24 Jan 2019   14:50
Operator    : SY/VA
Sample      : VSTDICC010
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Jan 25 10:45:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

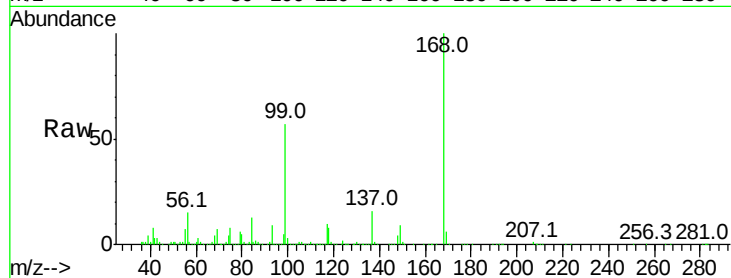
VSTDIC010

Tgt Ion:168 Resp: 588958

Ion Ratio Lower Upper

168 100

99 56.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

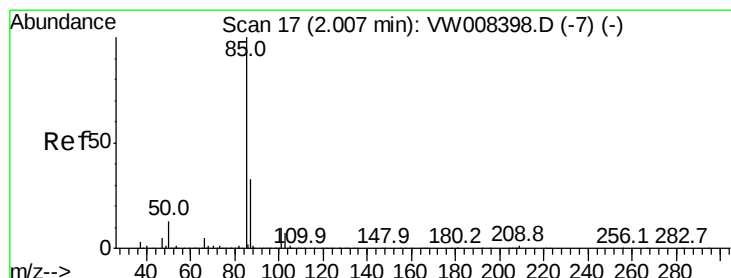
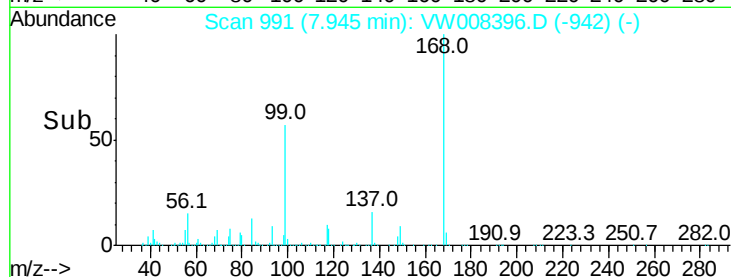
50000

0

Time--> 7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 6.294 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008396.D

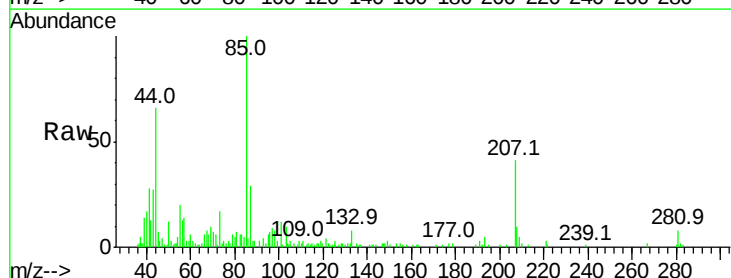
Acq: 24 Jan 2019 14:50

Tgt Ion: 85 Resp: 23359

Ion Ratio Lower Upper

85 100

87 26.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

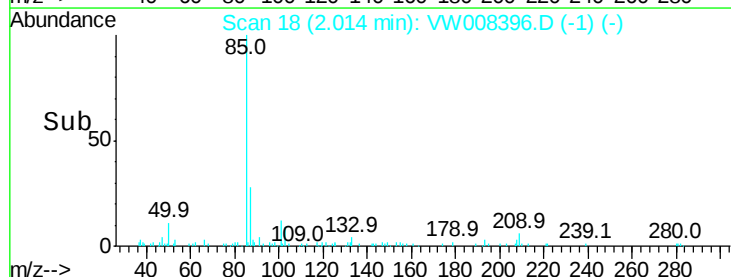
2000

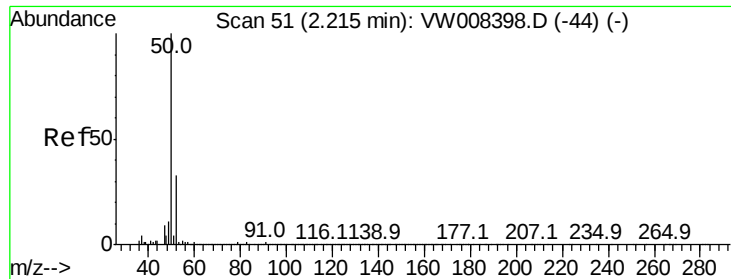
0

Time--> 1.90

2.00

2.10





#3

Chloromethane

Concen: 7.393 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

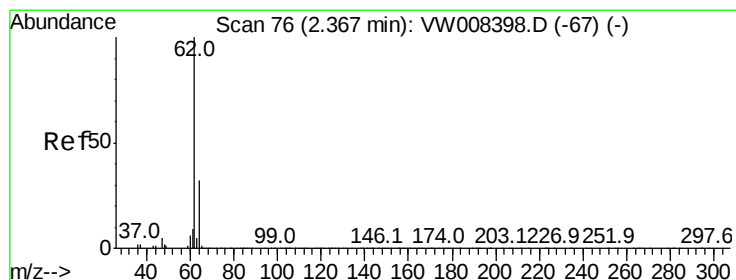
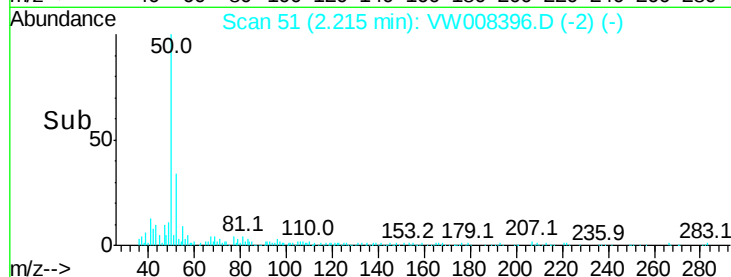
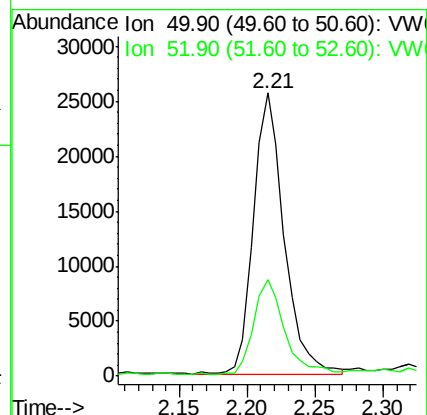
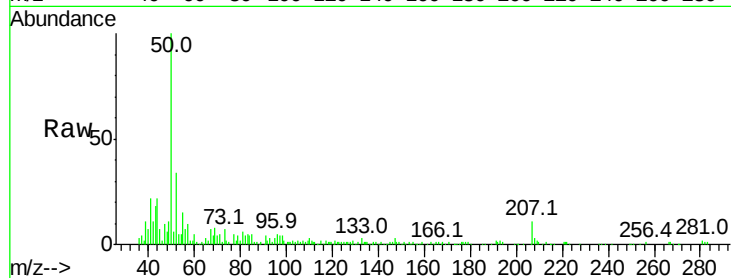
VSTDIC010

Tgt Ion: 50 Resp: 40220

Ion Ratio Lower Upper

50 100

52 33.6 26.3 39.5



#4

Vinyl Chloride

Concen: 7.638 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008396.D

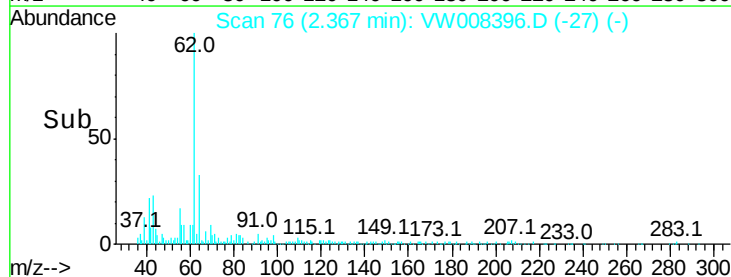
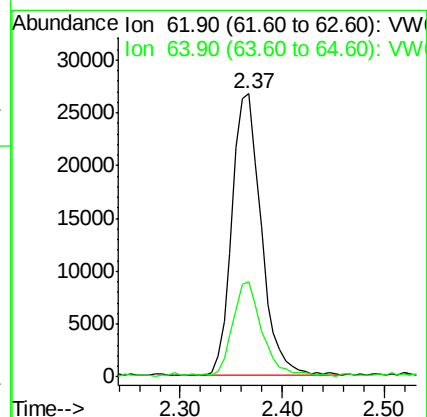
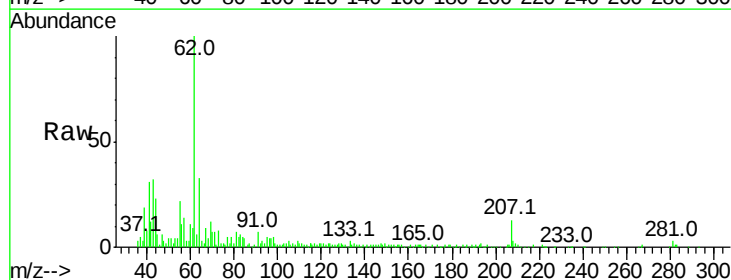
Acq: 24 Jan 2019 14:50

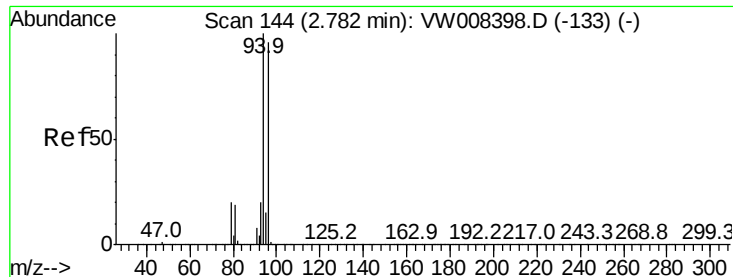
Tgt Ion: 62 Resp: 53089

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 5.922 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

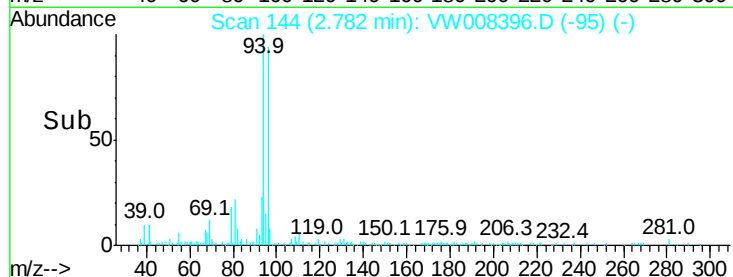
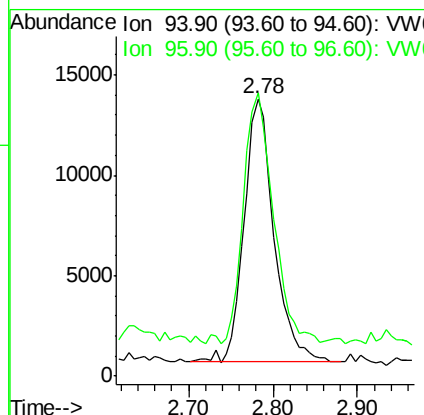
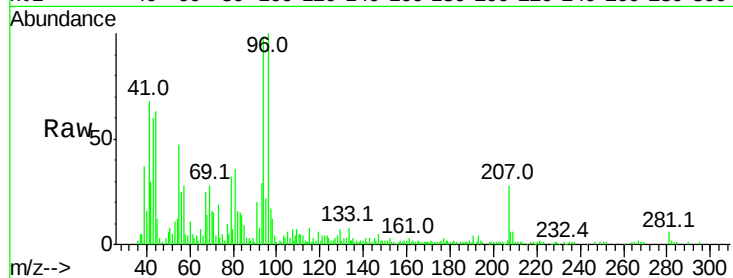
VSTDIC010

Tgt Ion: 94 Resp: 31192

Ion Ratio Lower Upper

94 100

96 94.9 77.2 115.8



#6

Chloroethane

Concen: 6.575 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008396.D

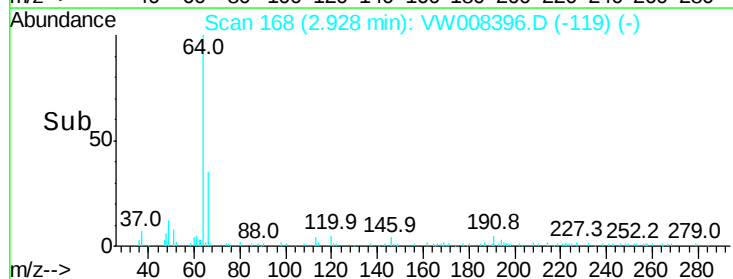
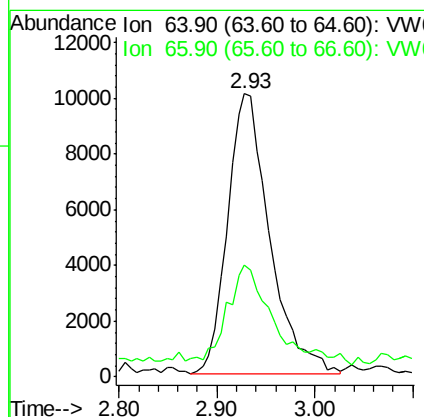
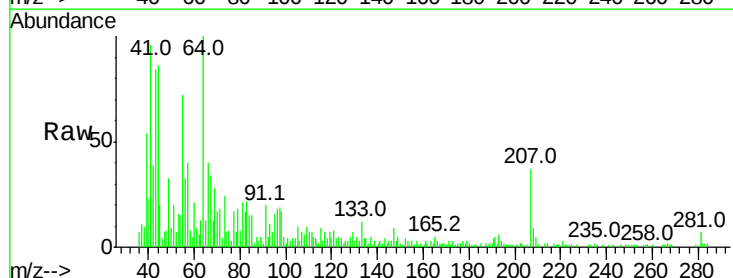
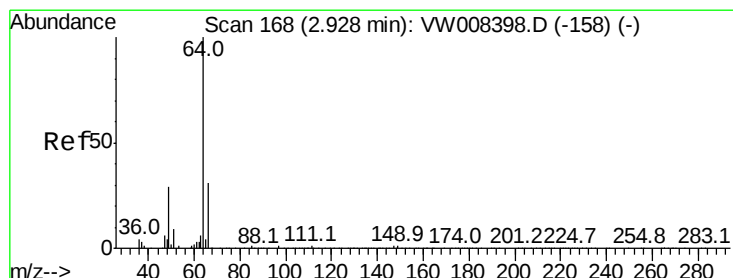
Acq: 24 Jan 2019 14:50

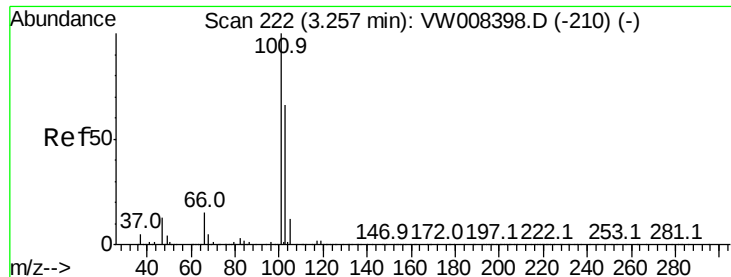
Tgt Ion: 64 Resp: 29912

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3



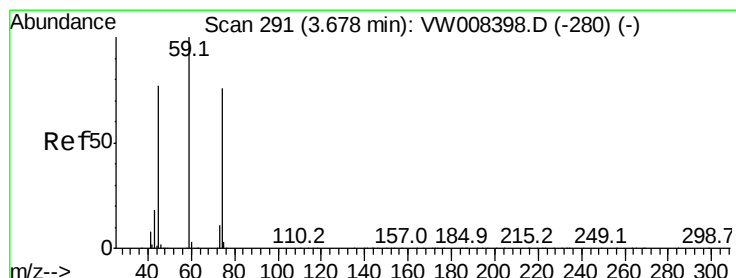
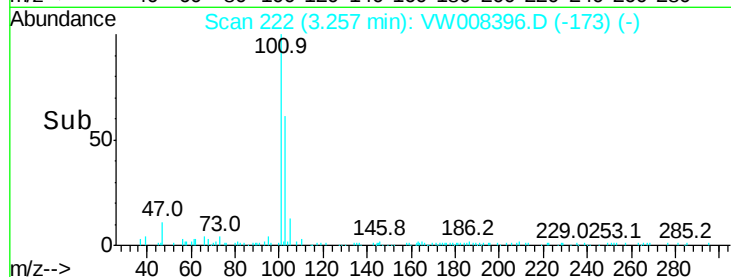
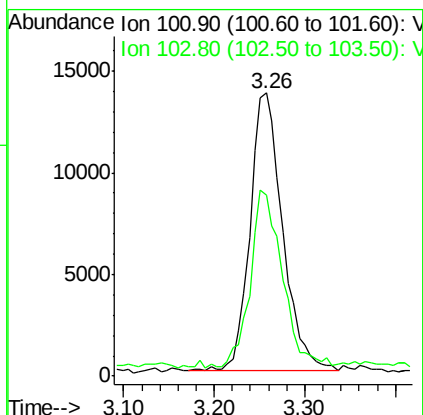
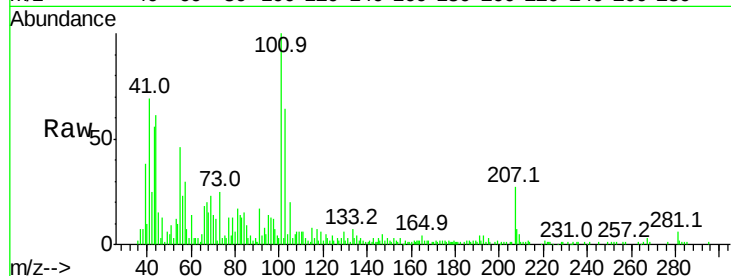


#7

Trichlorofluoromethane
 Concen: 6.669 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

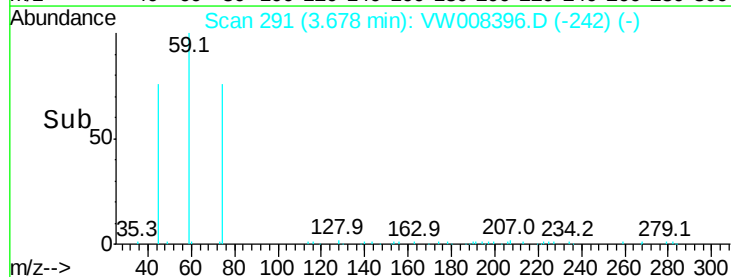
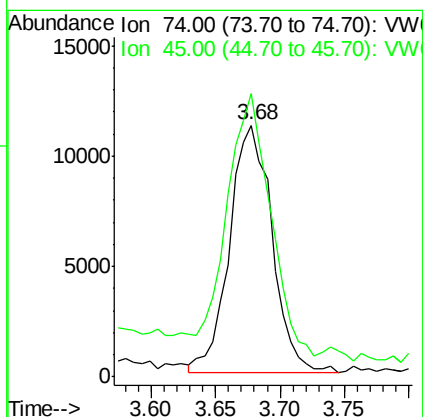
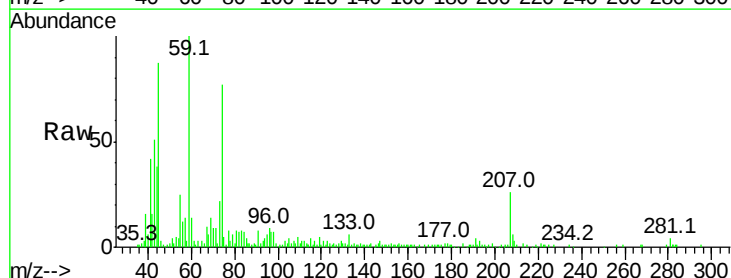
Tgt Ion: 101 Resp: 34035
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.5 78.7

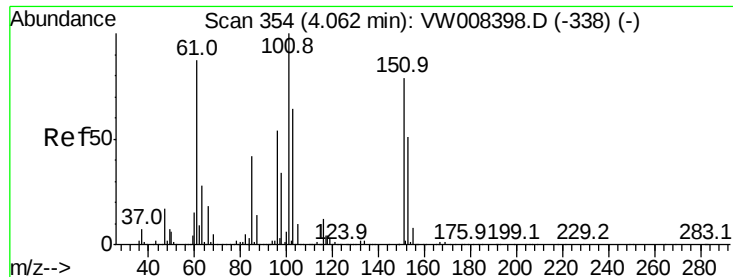


#8

Diethyl Ether
 Concen: 7.250 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion: 74 Resp: 25658
 Ion Ratio Lower Upper
 74 100
 45 108.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.724 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

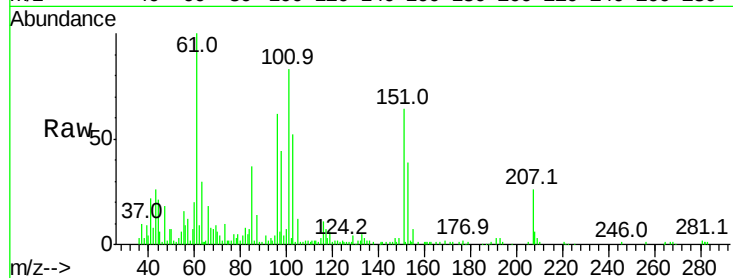
Tgt Ion:101 Resp: 45894

Ion Ratio Lower Upper

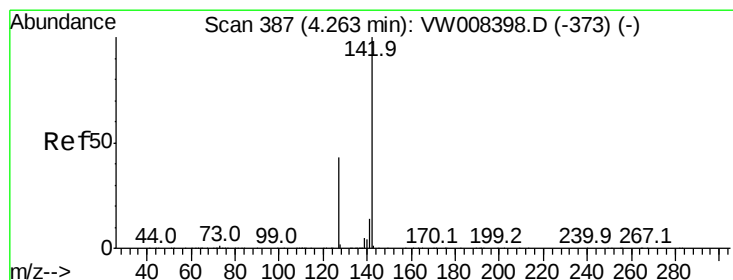
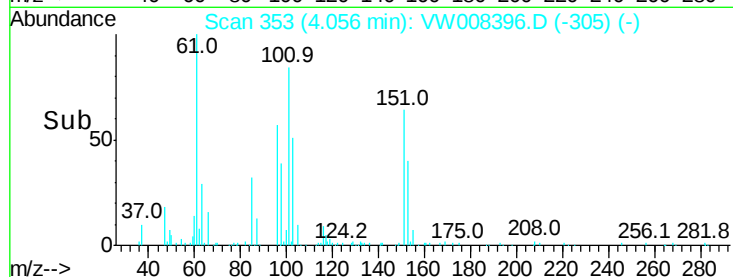
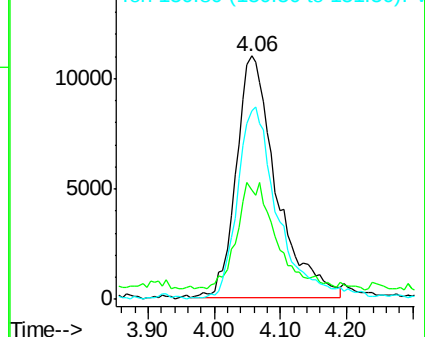
101 100

85 40.5 35.0 52.4

151 82.0 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.720 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

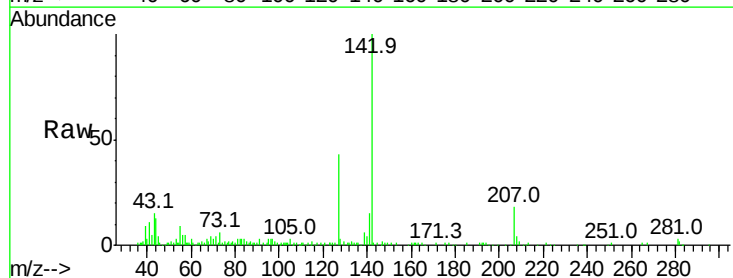
Tgt Ion:142 Resp: 73978

Ion Ratio Lower Upper

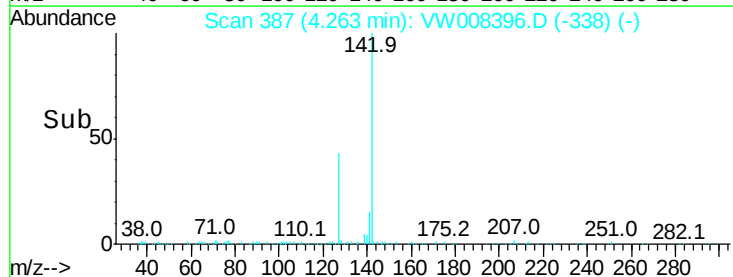
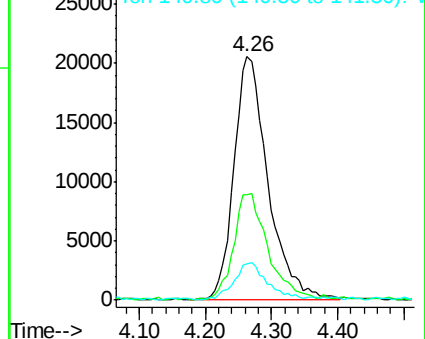
142 100

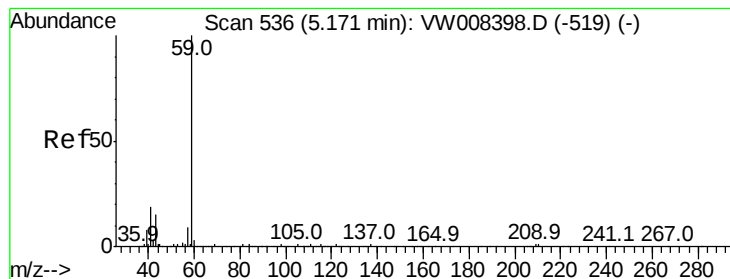
127 44.0 34.6 52.0

141 15.1 11.4 17.2



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: 49.658 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

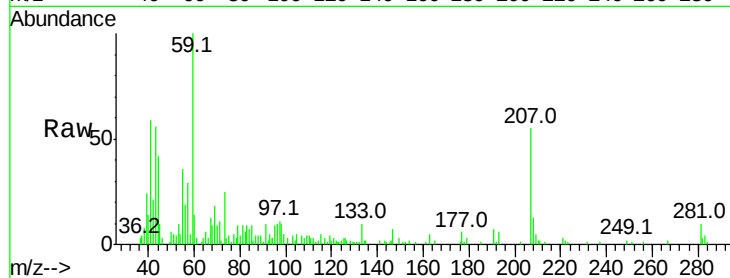
VSTDIC010

Tgt Ion: 59 Resp: 20484

Ion Ratio Lower Upper

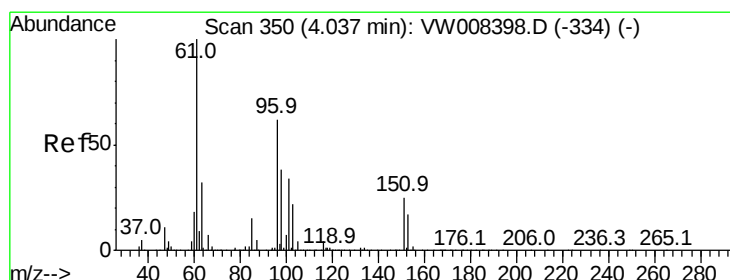
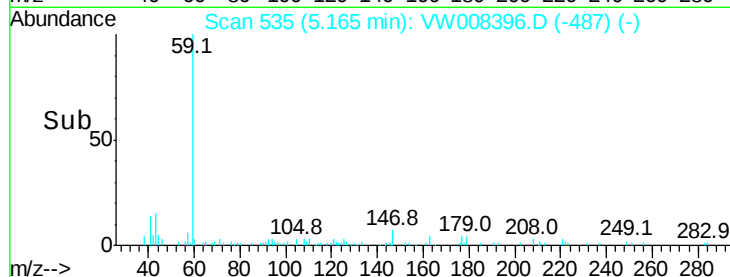
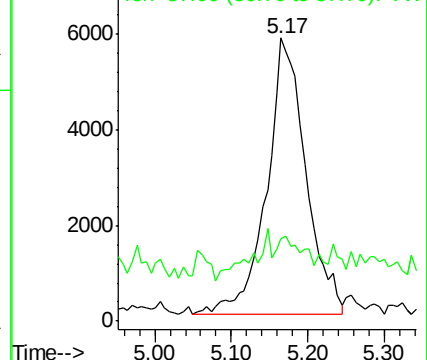
59 100

57 7.8 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 7.953 ug/l

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

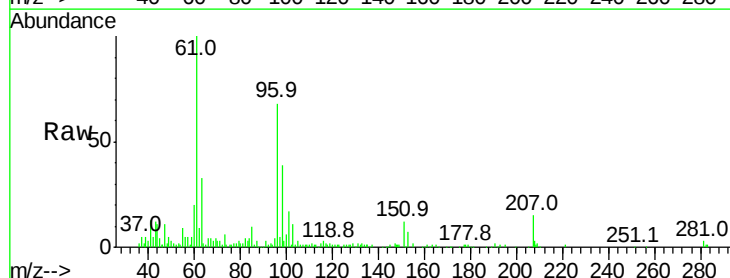
Tgt Ion: 96 Resp: 48061

Ion Ratio Lower Upper

96 100

61 150.6 129.5 194.3

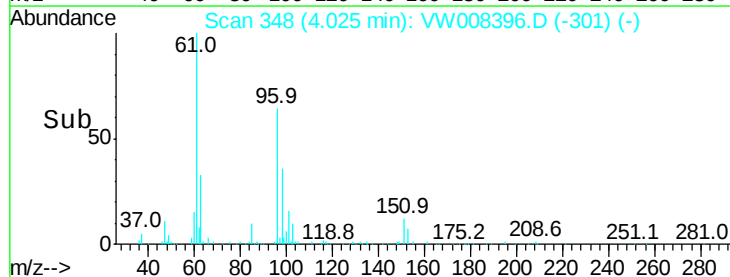
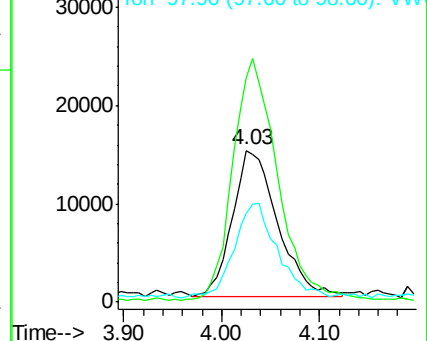
98 54.9 48.6 73.0

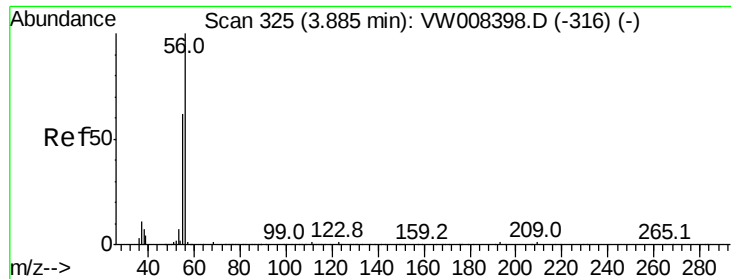


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

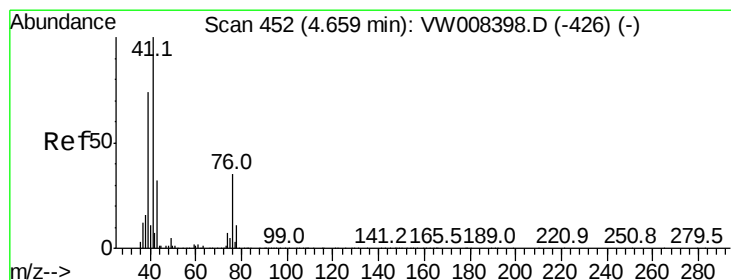
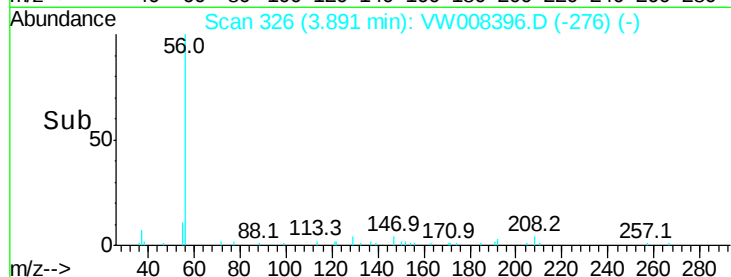
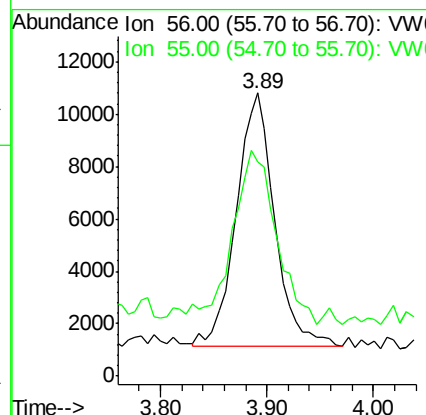
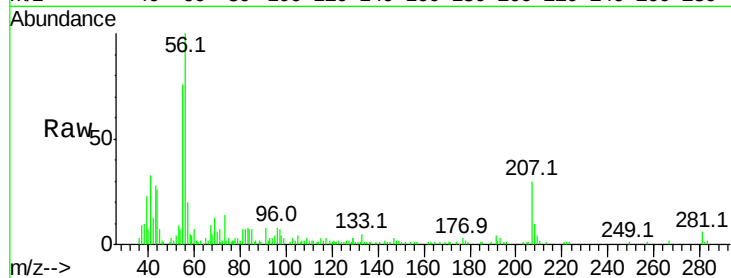




#13
Acrolein
Concen: 65.393 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

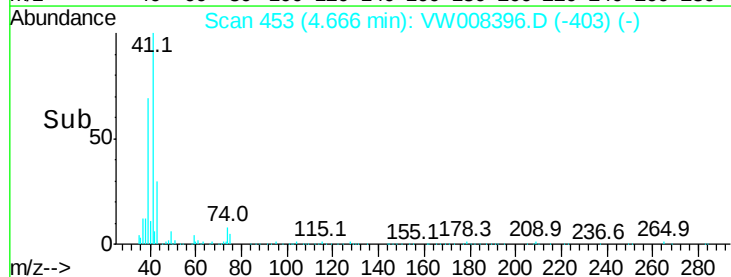
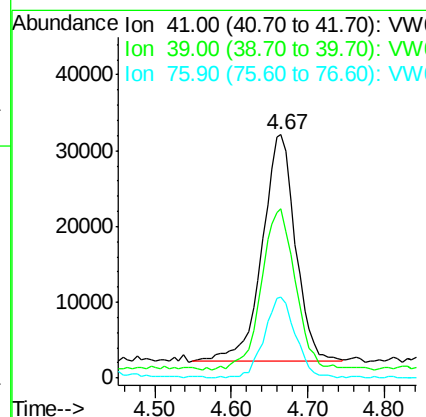
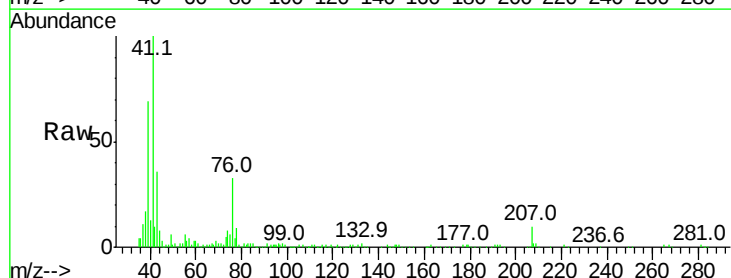
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

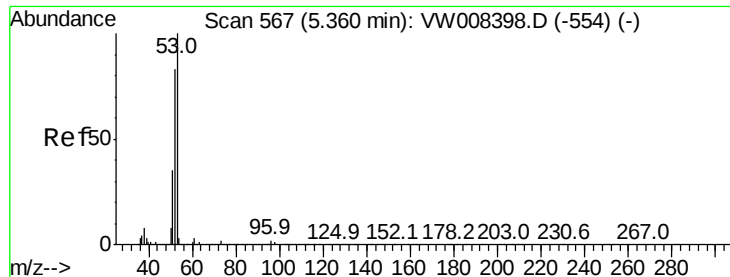
Tgt Ion: 56 Resp: 24460
Ion Ratio Lower Upper
56 100
55 79.2 56.7 85.1



#14
Allyl chloride
Concen: 8.853 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 41 Resp: 89438
Ion Ratio Lower Upper
41 100
39 75.0 57.7 86.5
76 33.7 26.9 40.3

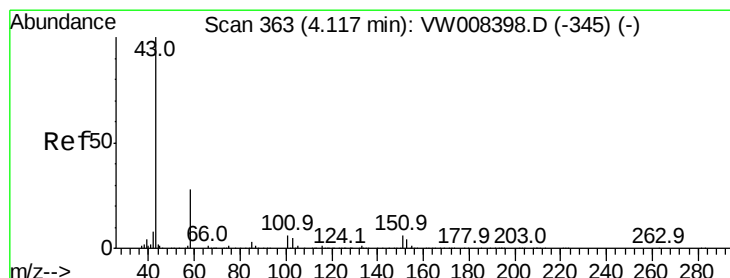
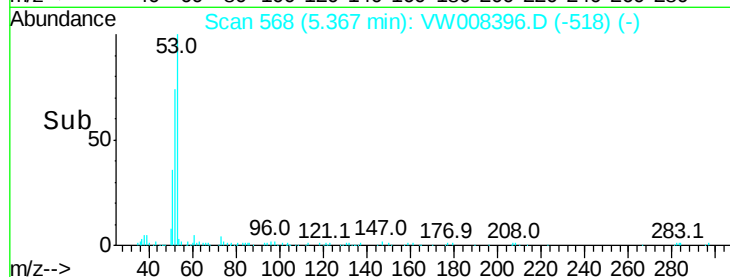
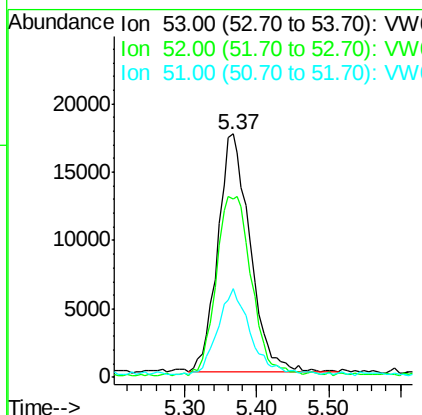
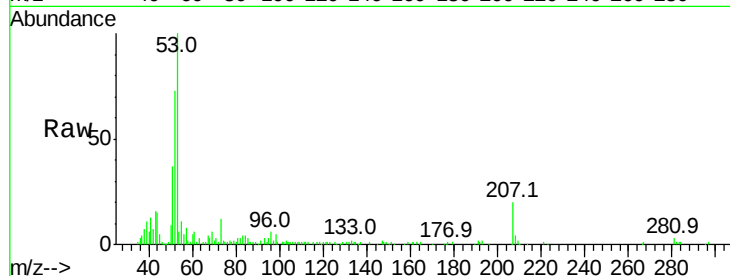




#15
 Acrylonitrile
 Concen: 39.830 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

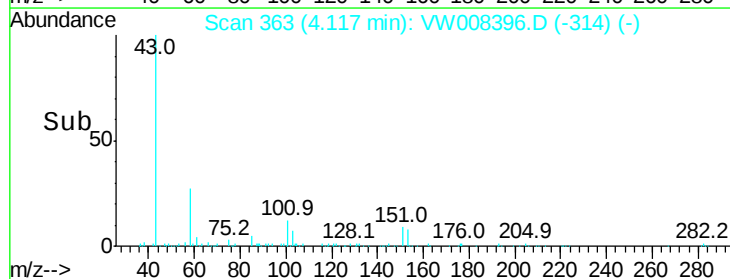
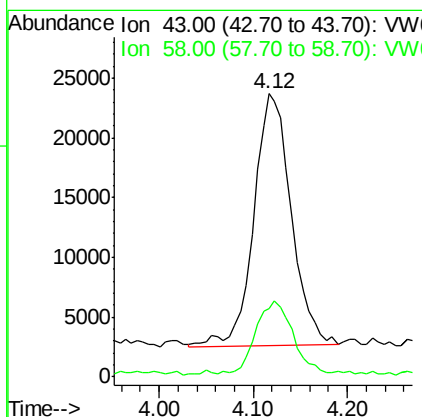
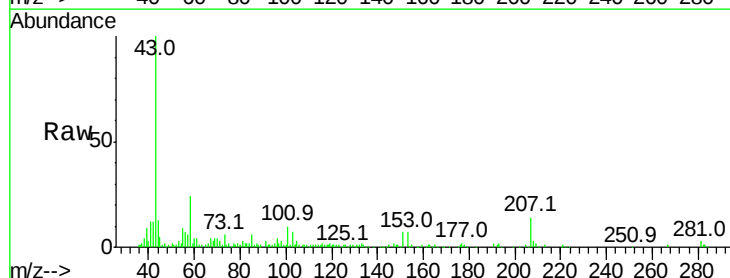
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

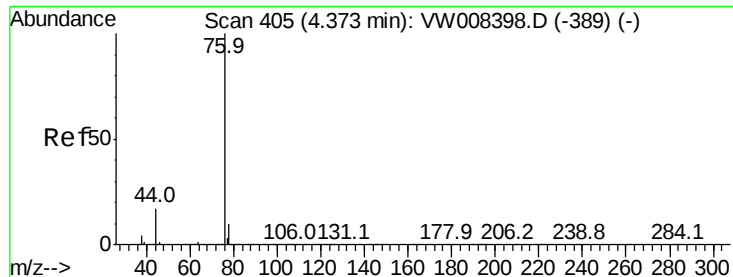
Tgt Ion:	53	Resp:	54147
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.0	100.4
51	37.0	29.8	44.8



#16
 Acetone
 Concen: 41.212 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:	43	Resp:	58636
Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.6	34.0

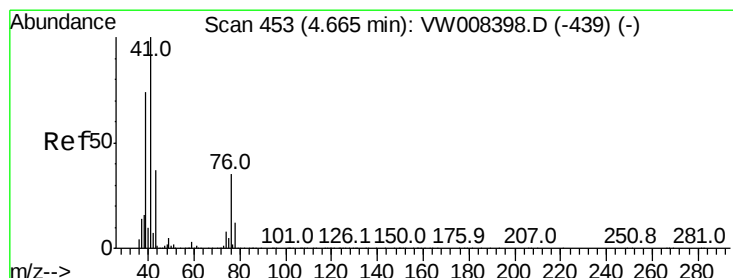
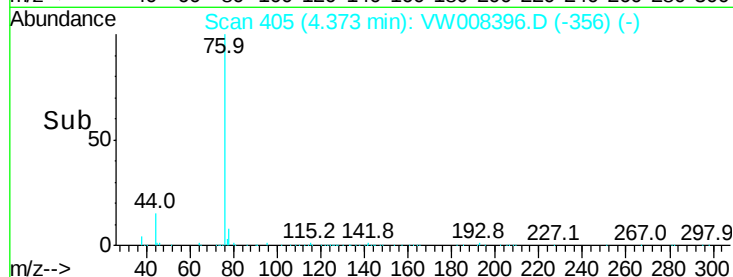
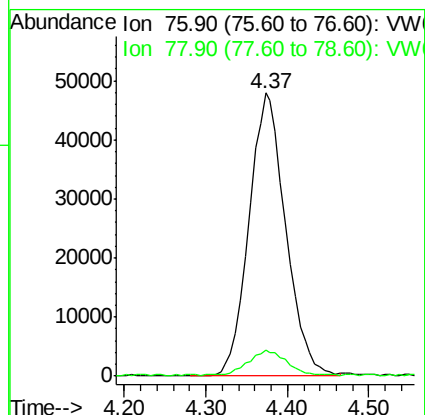
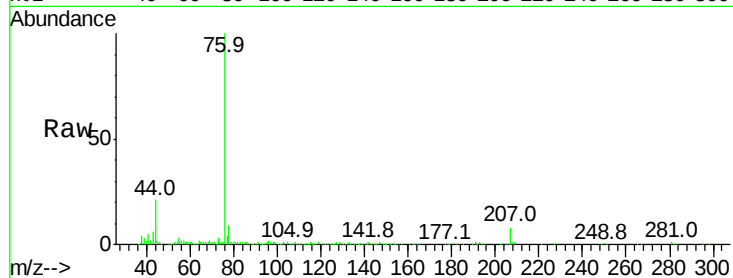




#17
Carbon Disulfide
Concen: 8.135 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

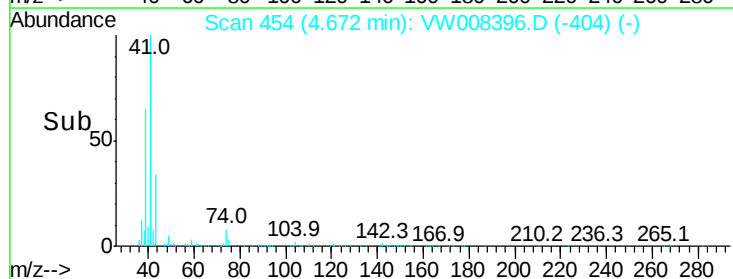
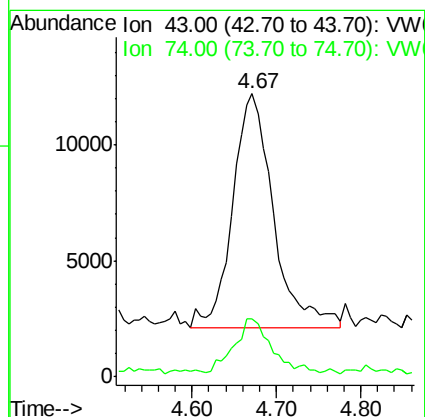
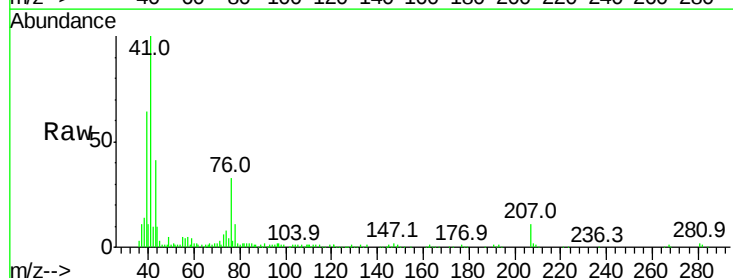
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

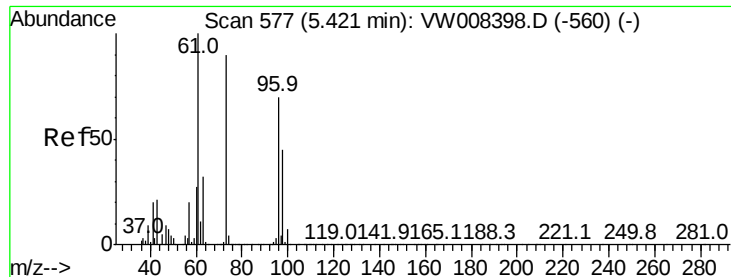
Tgt Ion: 76 Resp: 149591
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 8.736 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 43 Resp: 33204
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3

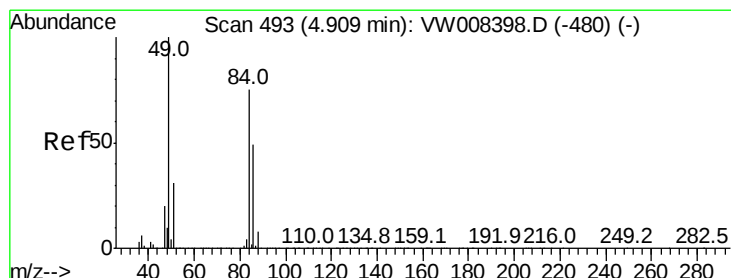
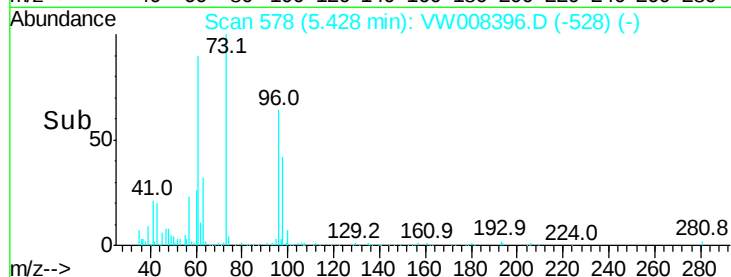
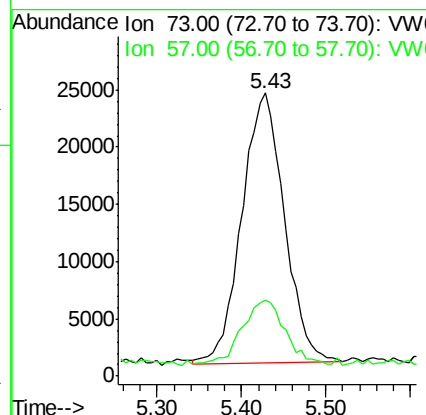
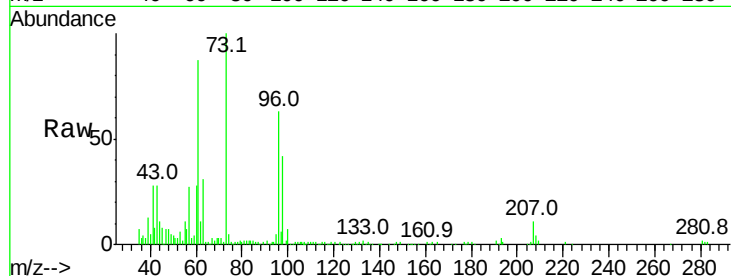




#19
Methyl tert-butyl Ether
Concen: 8.741 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

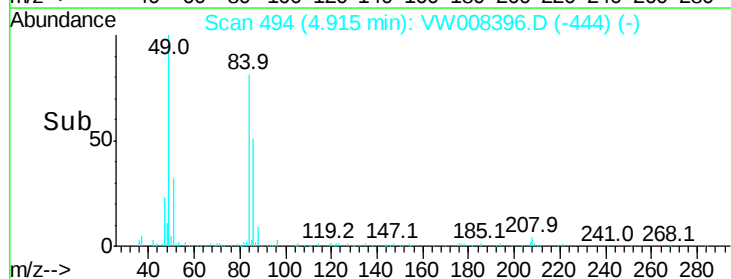
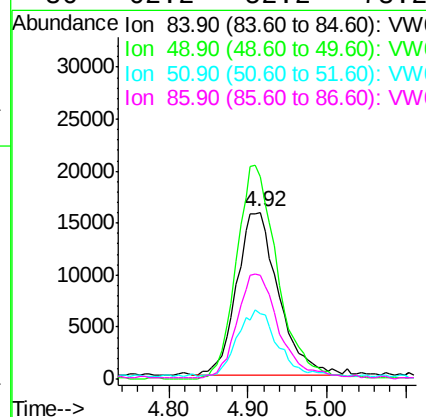
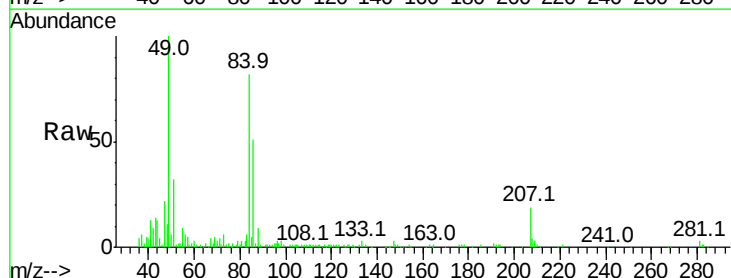
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

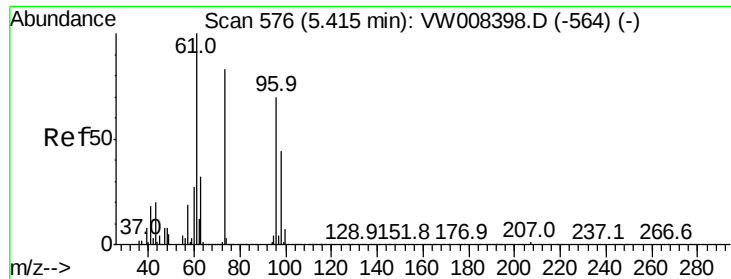
Tgt Ion: 73 Resp: 80859
Ion Ratio Lower Upper
73 100
57 24.4 18.0 27.0



#20
Methylene Chloride
Concen: 7.689 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 84 Resp: 58092
Ion Ratio Lower Upper
84 100
49 124.1 106.8 160.2
51 37.7 32.9 49.3
86 62.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 7.939 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

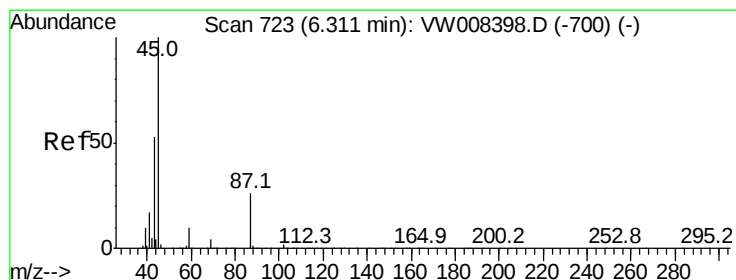
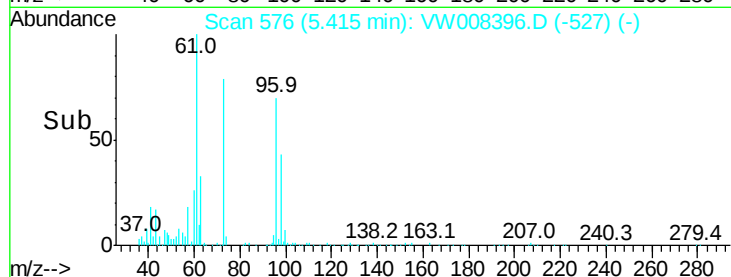
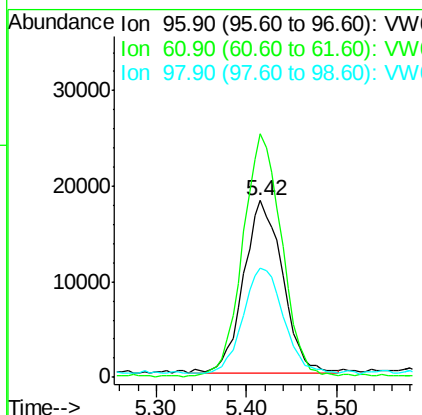
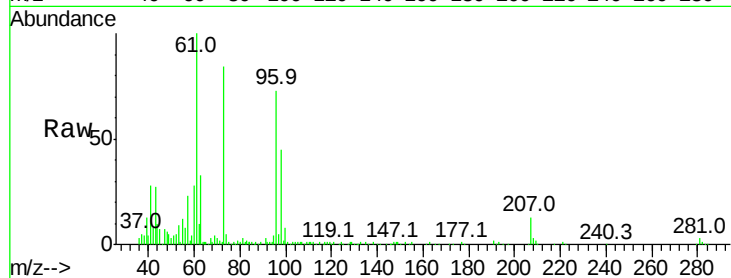
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 53882

Ion	Ratio	Lower	Upper
96	100		
61	140.7	114.4	171.6
98	60.9	50.6	75.8



#22

Diisopropyl ether

Concen: 8.526 ug/l

RT: 6.31 min Scan# 723

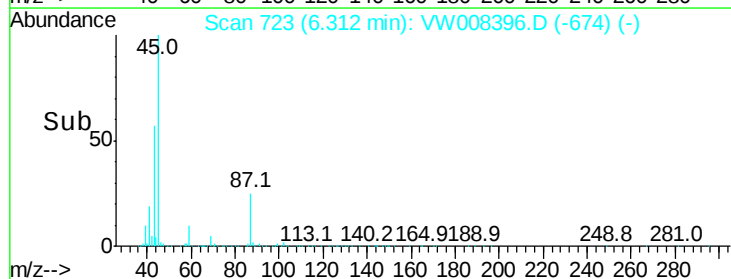
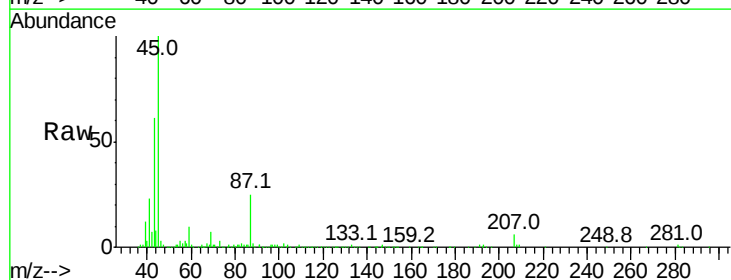
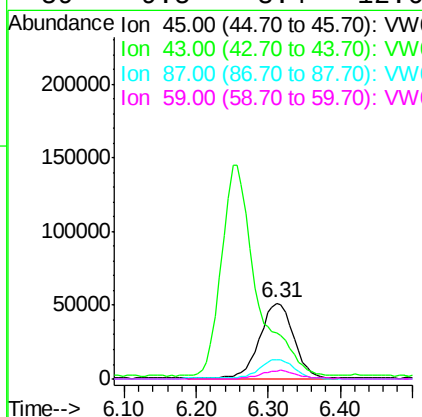
Delta R.T. 0.00 min

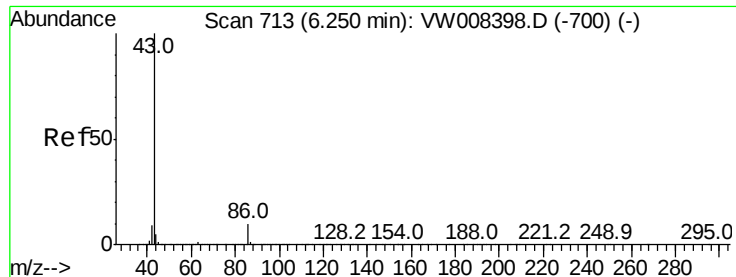
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion: 45 Resp: 168177

Ion	Ratio	Lower	Upper
45	100		
43	56.5	42.6	63.8
87	25.0	20.3	30.5
59	9.5	8.4	12.6





#23

Vinyl Acetate

Concen: 45.726 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

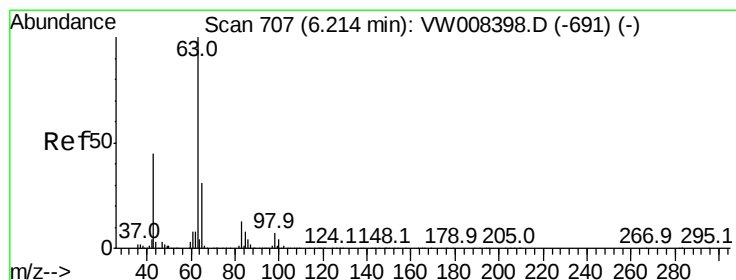
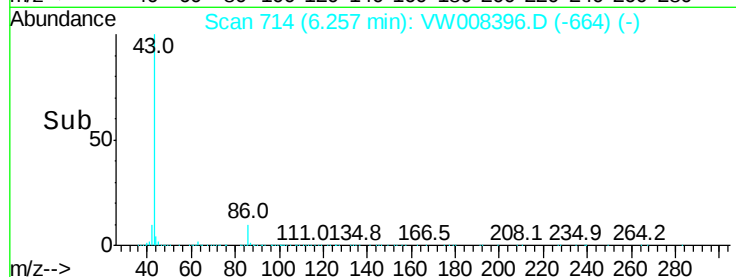
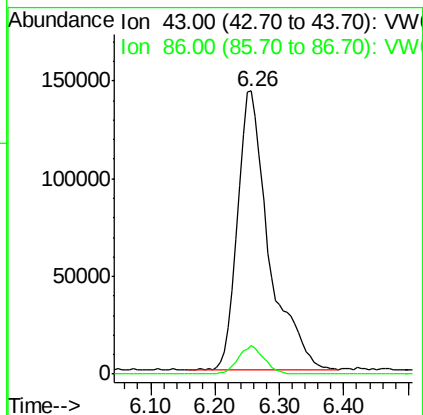
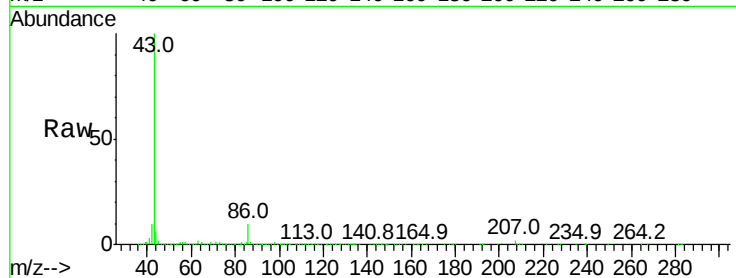
VSTDIC010

Tgt Ion: 43 Resp: 482107

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 7.997 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

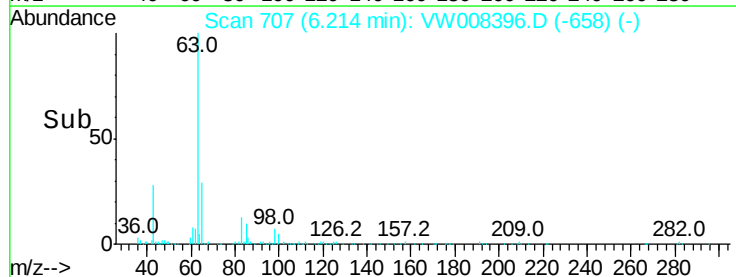
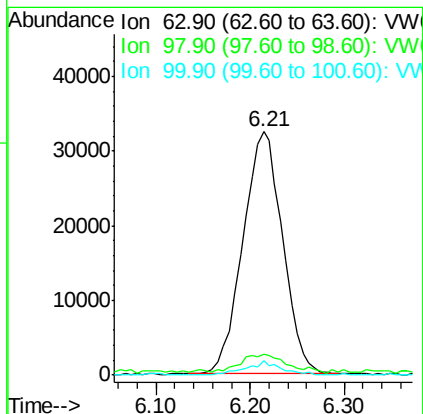
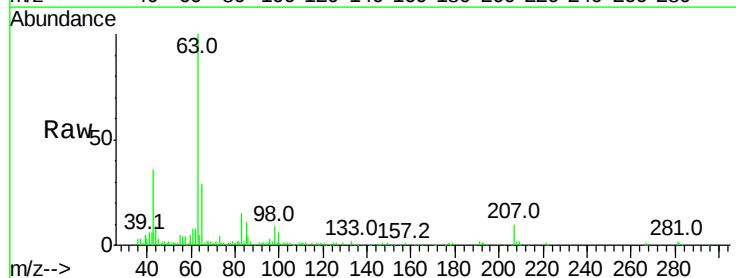
Tgt Ion: 63 Resp: 96035

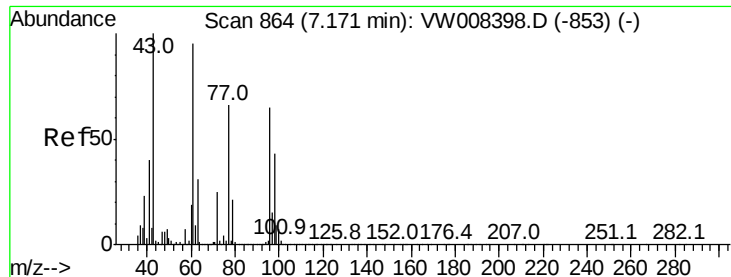
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 5.7 2.1 6.2





#25

2-Butanone

Concen: 43.125 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

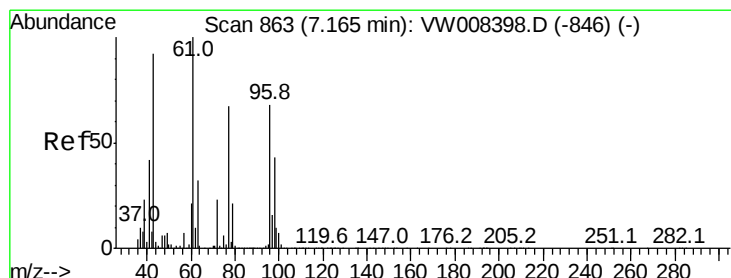
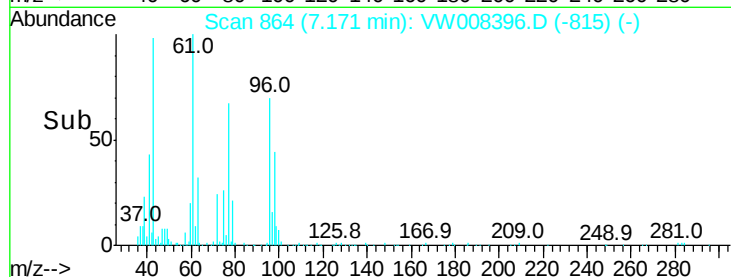
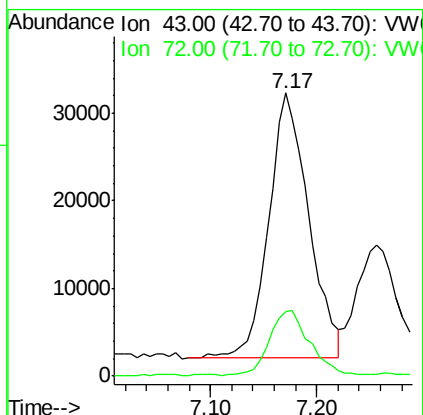
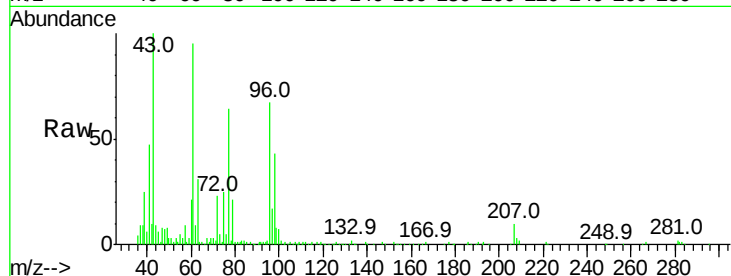
VSTDIC010

Tgt Ion: 43 Resp: 78587

Ion Ratio Lower Upper

43 100

72 24.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 8.786 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008396.D

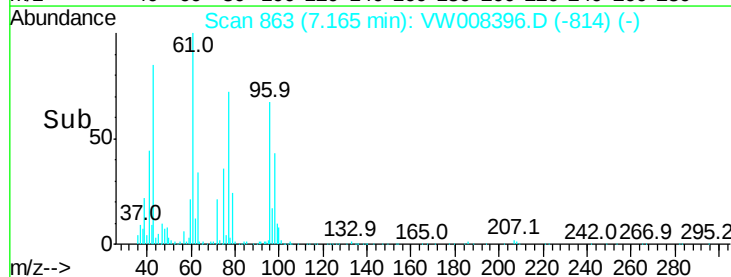
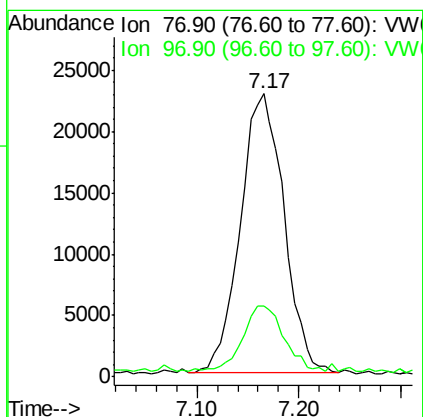
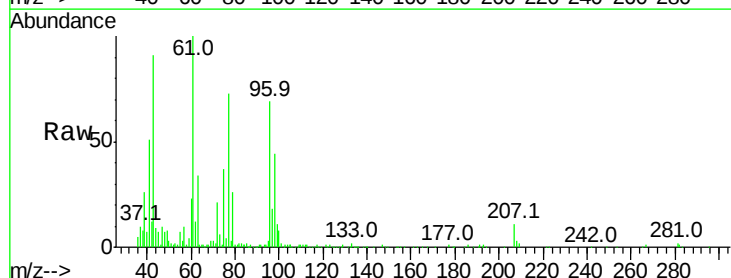
Acq: 24 Jan 2019 14:50

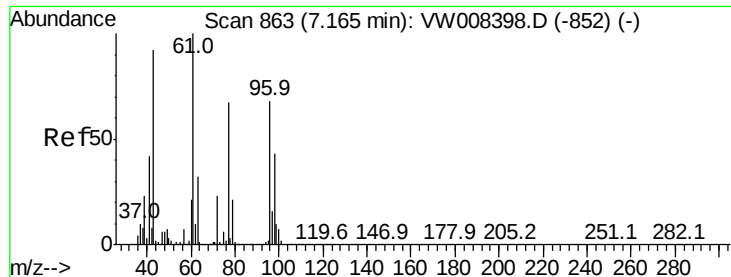
Tgt Ion: 77 Resp: 67335

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 7.791 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

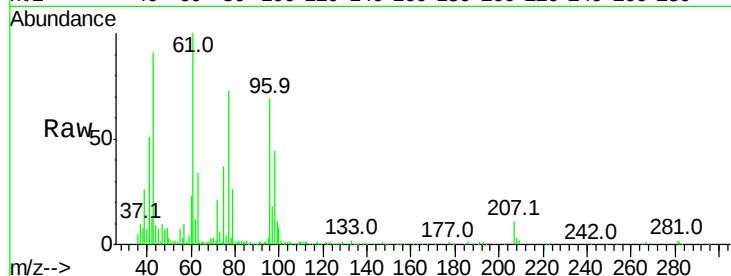
Tgt Ion: 96 Resp: 57291

Ion Ratio Lower Upper

96 100

61 149.7 0.0 292.8

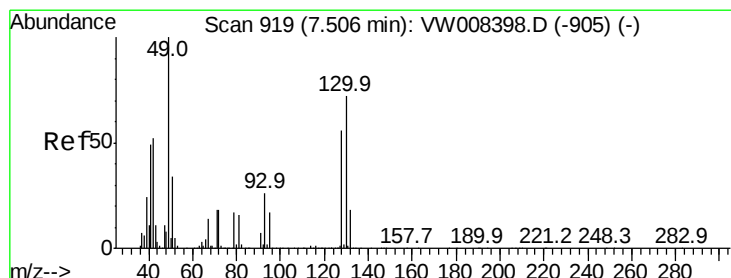
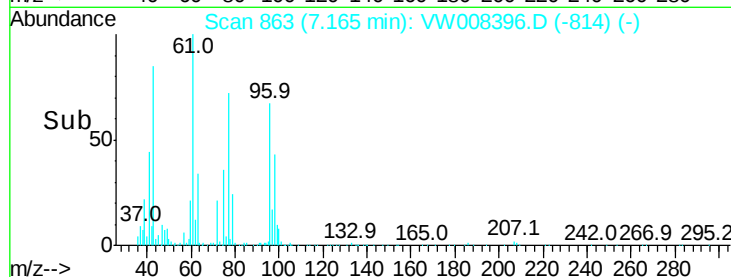
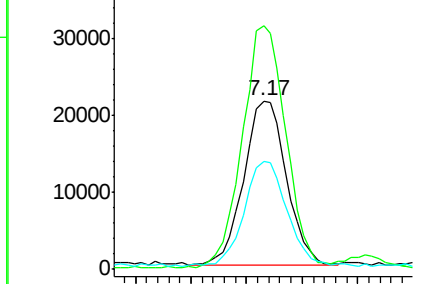
98 65.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 9.869 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

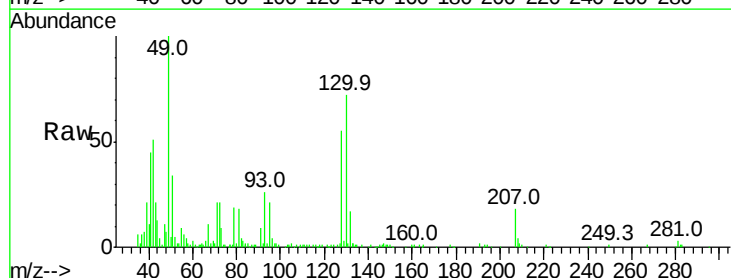
Tgt Ion: 49 Resp: 48829

Ion Ratio Lower Upper

49 100

129 3.9 0.0 4.6

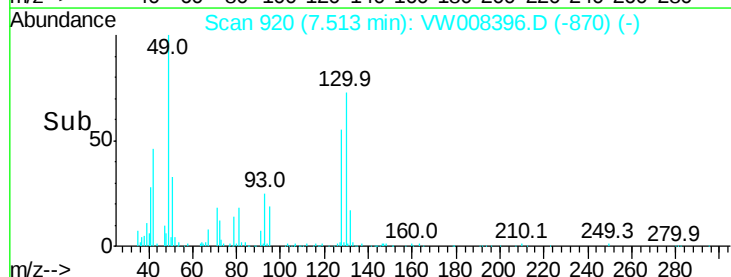
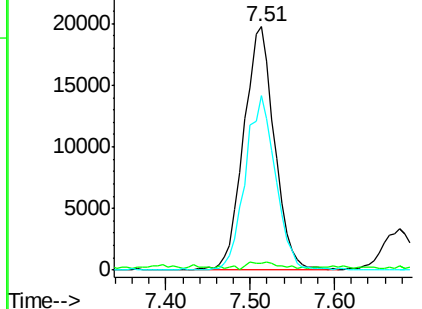
130 70.0 58.6 87.8

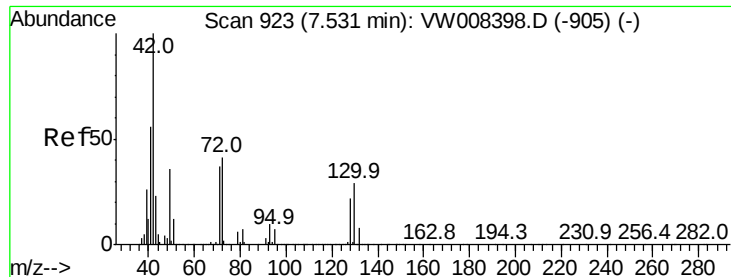


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

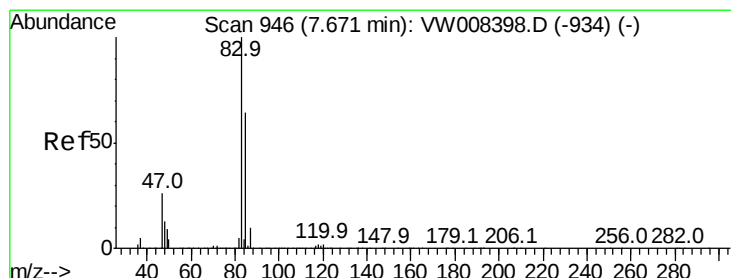
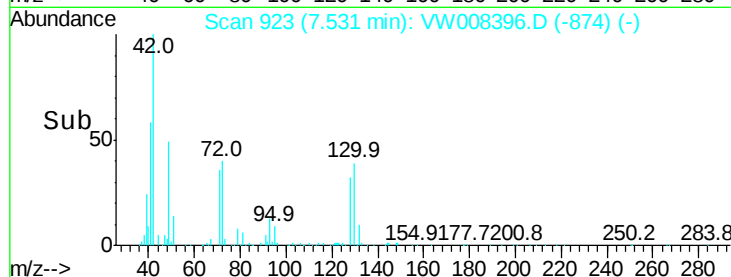
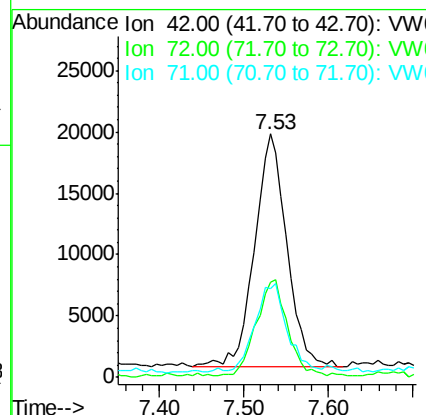
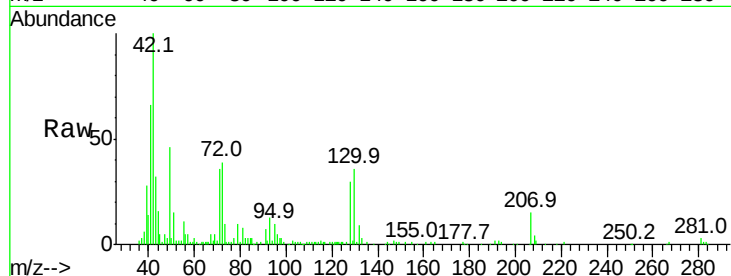




#29
Tetrahydrofuran
Concen: 43.779 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

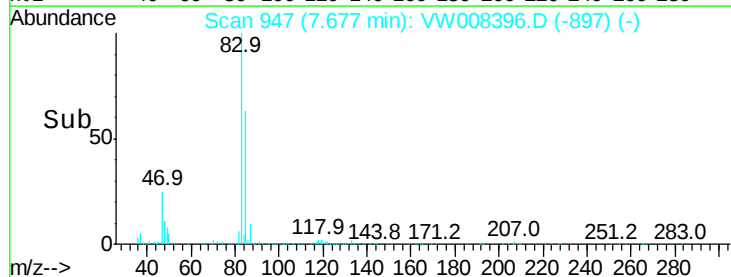
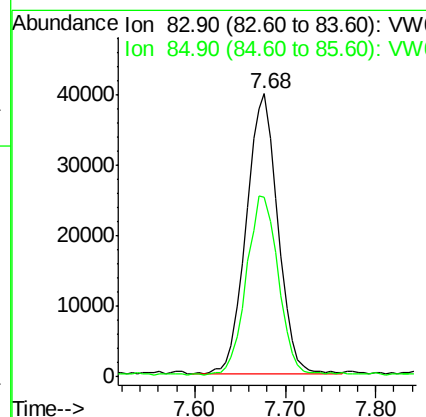
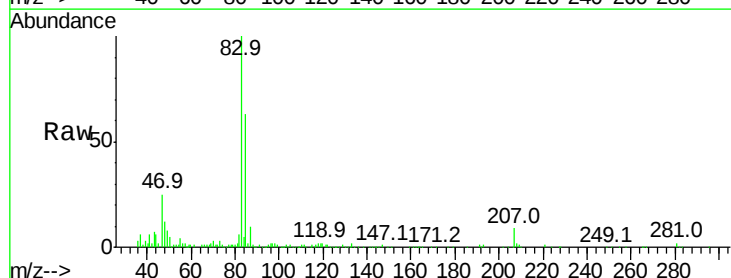
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

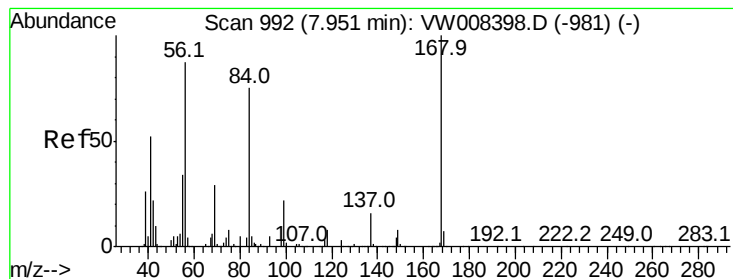
Tgt Ion: 42 Resp: 49736
Ion Ratio Lower Upper
42 100
72 39.2 31.9 47.9
71 37.1 29.9 44.9



#30
Chloroform
Concen: 7.970 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 83 Resp: 94706
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3





#31

Cyclohexane

Concen: 9.315 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

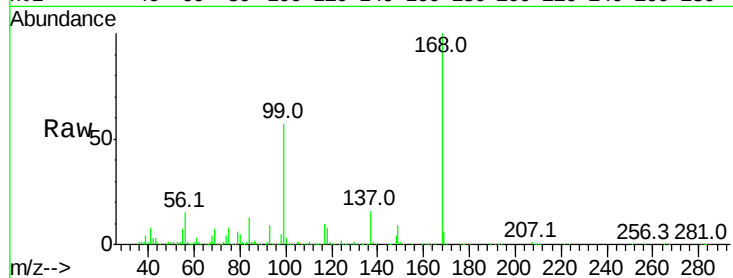
Tgt Ion: 56 Resp: 106590

Ion Ratio Lower Upper

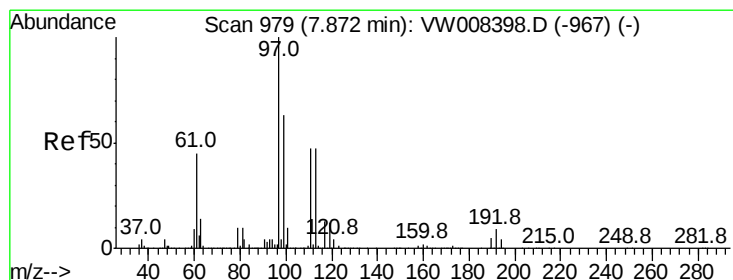
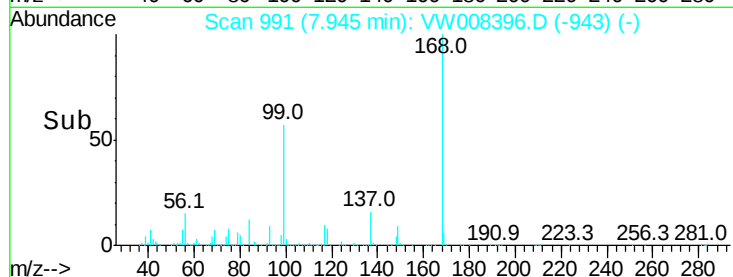
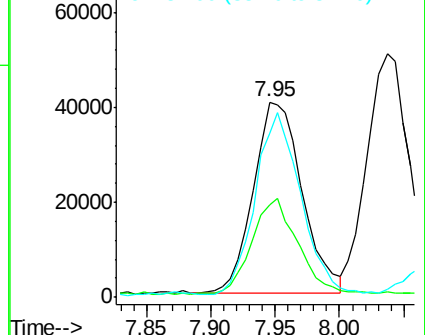
56 100

69 46.6 26.4 39.6#

84 83.4 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 8.247 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

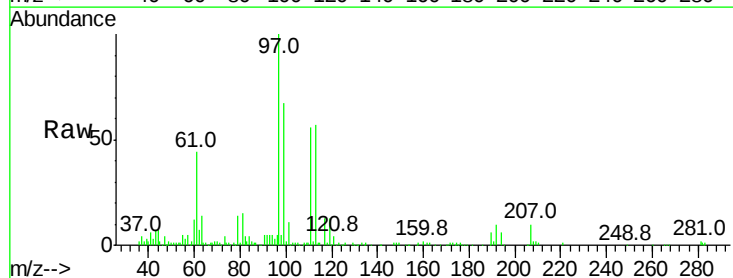
Tgt Ion: 97 Resp: 82242

Ion Ratio Lower Upper

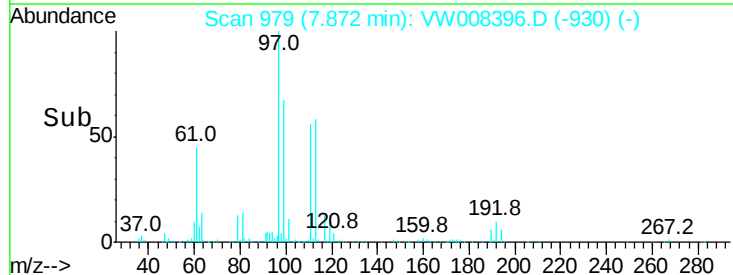
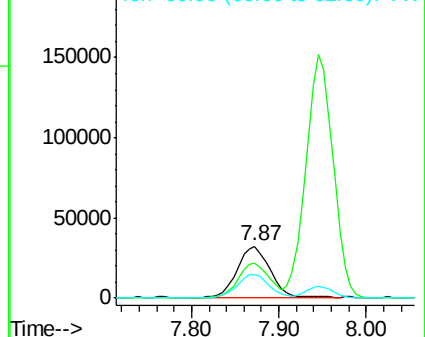
97 100

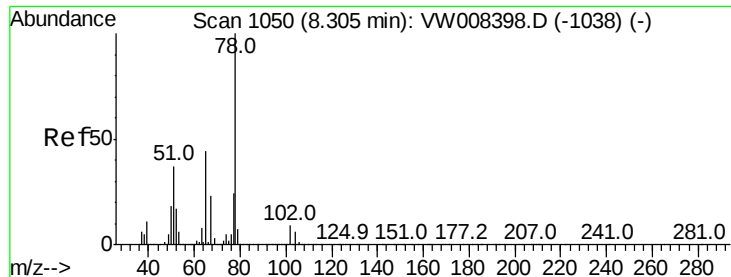
99 64.7 51.3 76.9

61 45.3 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 9.518 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

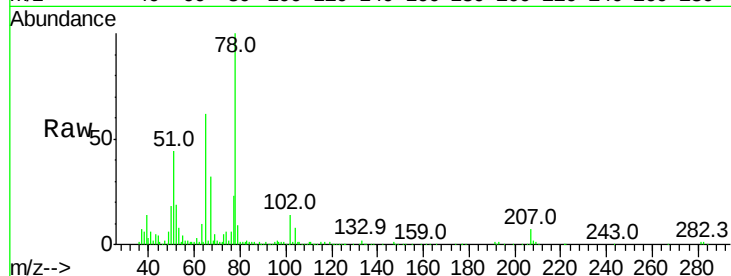
VSTDIC010

Tgt Ion: 65 Resp: 58314

Ion Ratio Lower Upper

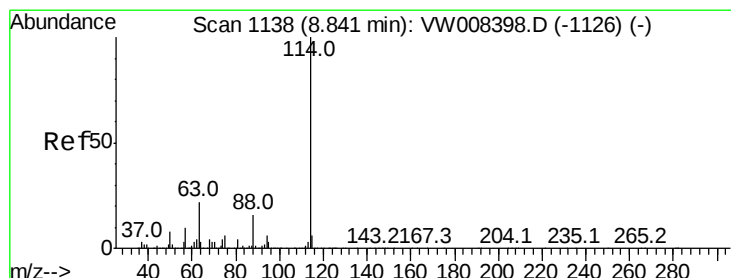
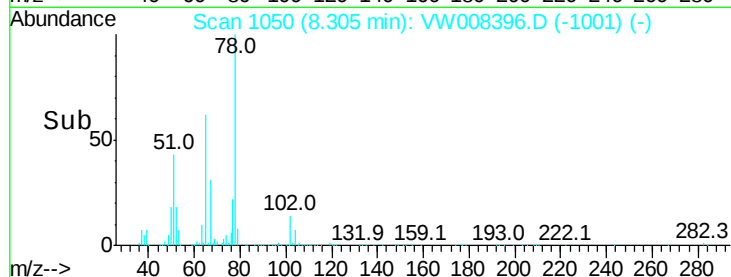
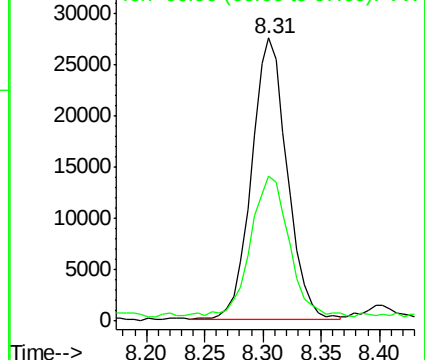
65 100

67 54.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

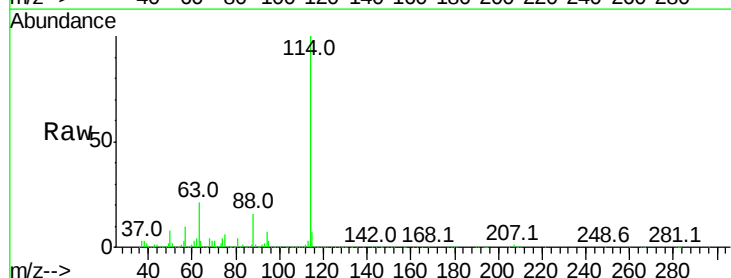
Tgt Ion: 114 Resp: 918471

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.6

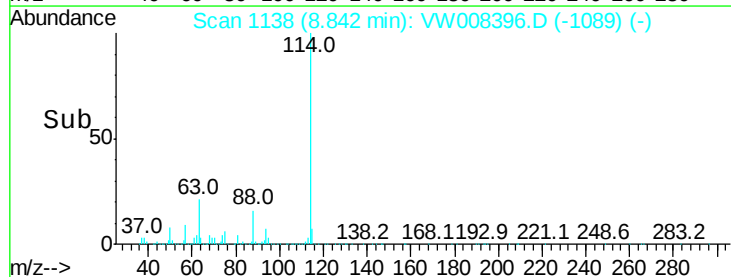
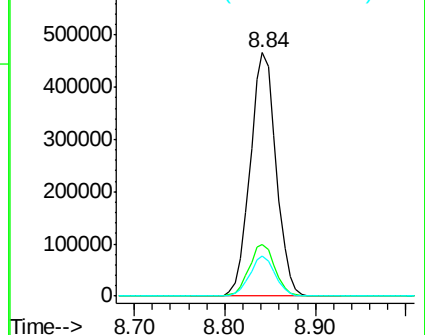
88 16.4 0.0 31.8

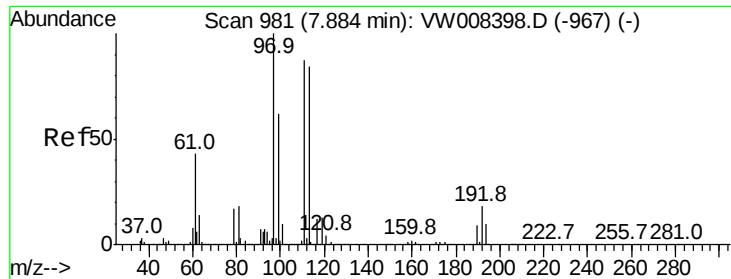


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

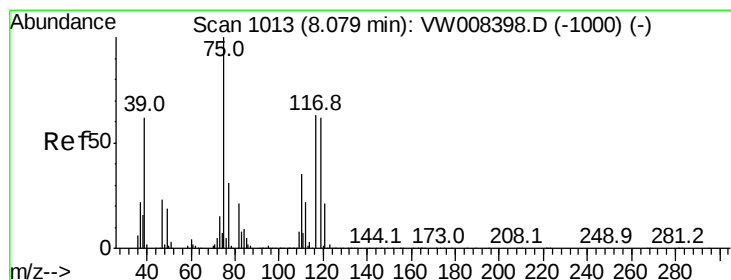
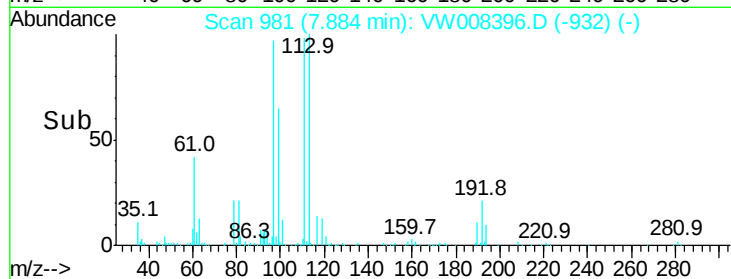
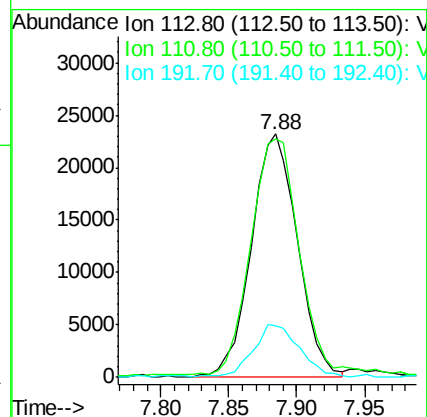
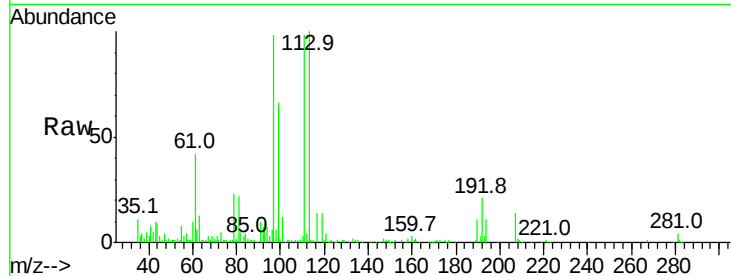




#35
Dibromofluoromethane
Concen: 9.340 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

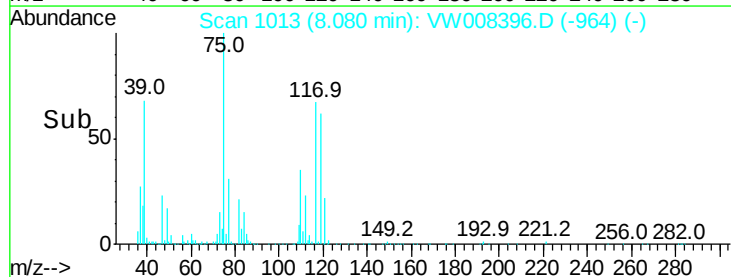
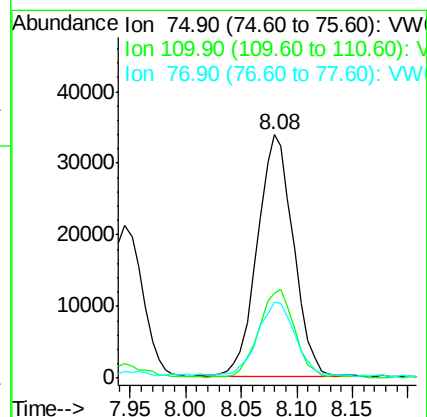
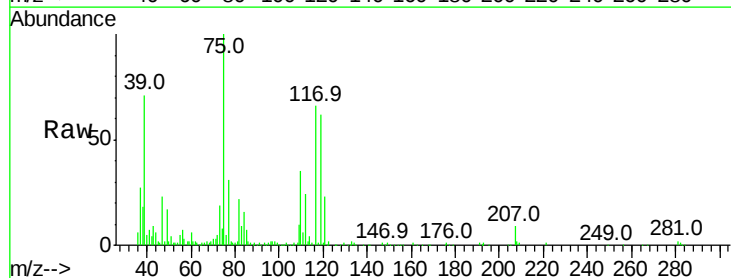
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

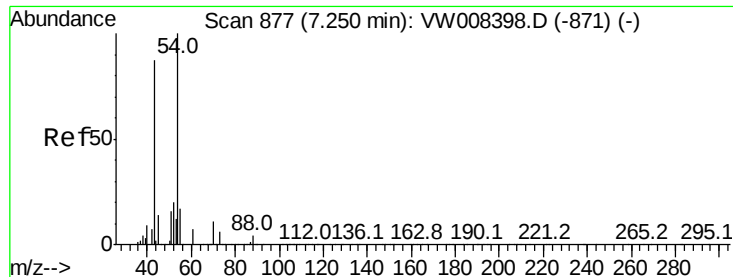
Tgt Ion: 113 Resp: 54760
Ion Ratio Lower Upper
113 100
111 104.0 81.0 121.4
192 21.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 8.214 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 75 Resp: 75903
Ion Ratio Lower Upper
75 100
110 37.2 17.3 52.0
77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 8.241 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

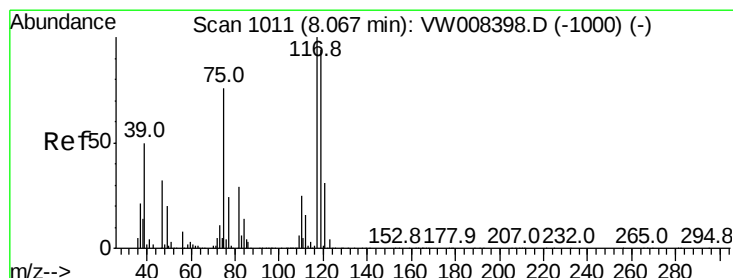
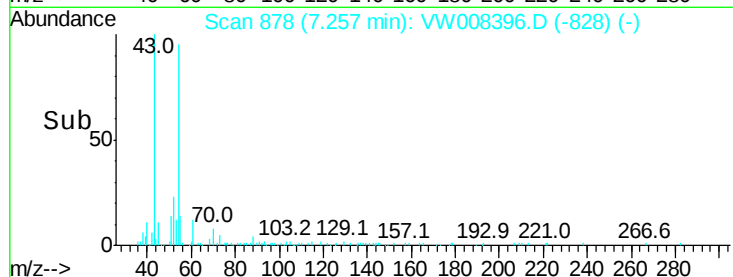
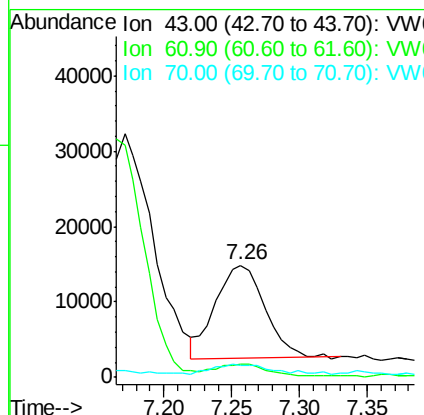
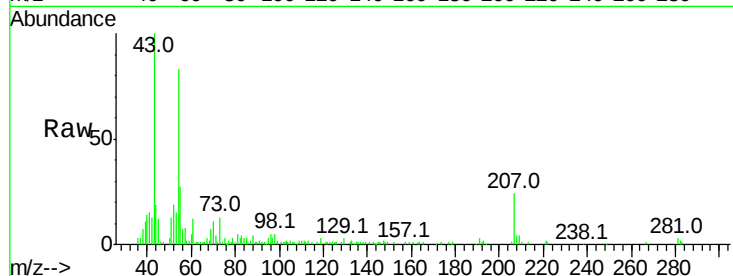
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 31402

Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.1	15.1
70	13.2	7.8	11.6#



#38

Carbon Tetrachloride

Concen: 8.514 ug/l

RT: 8.07 min Scan# 1011

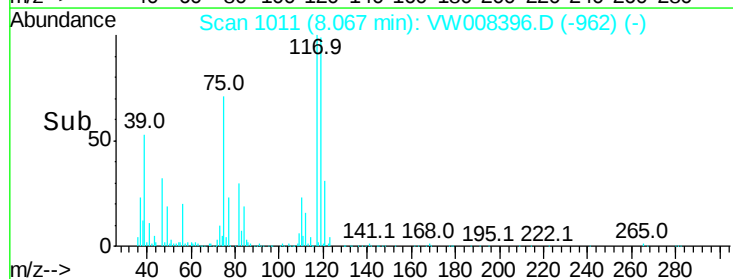
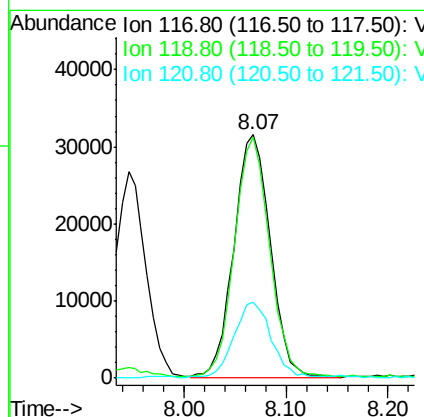
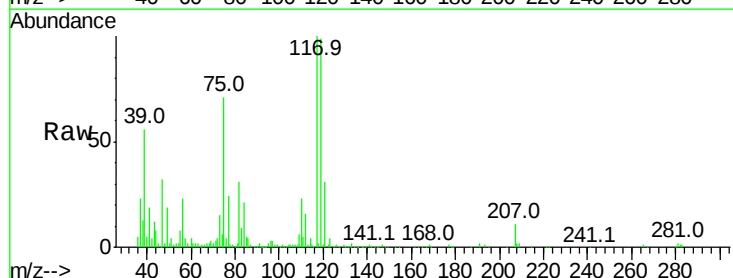
Delta R.T. 0.00 min

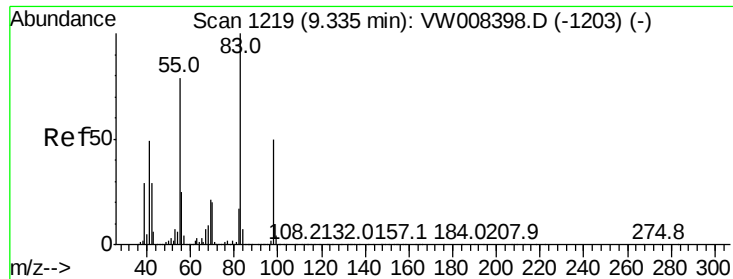
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion: 117 Resp: 77688

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.0	112.4
121	30.7	24.9	37.3





#39

Methylcyclohexane

Concen: 9.191 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

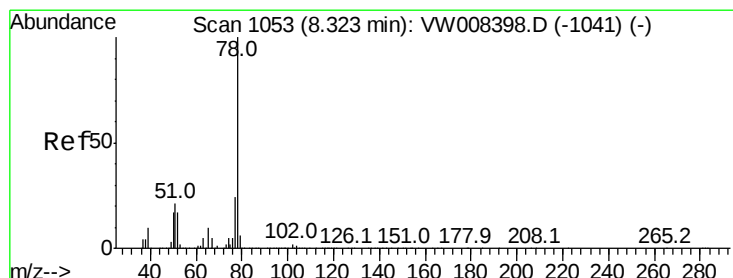
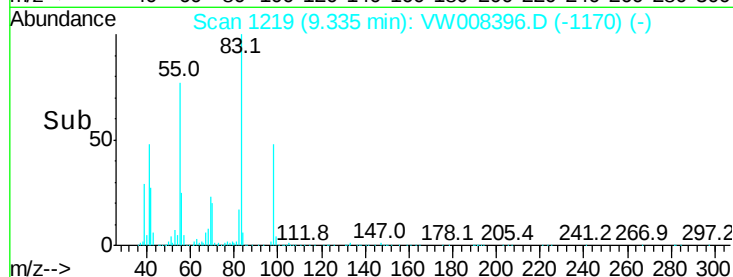
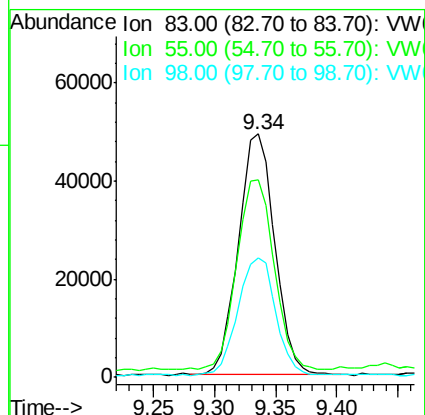
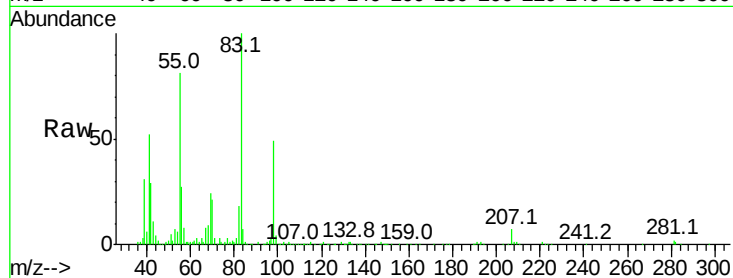
Tgt Ion: 83 Resp: 101025

Ion Ratio Lower Upper

83 100

55 77.9 63.3 94.9

98 48.5 39.7 59.5



#40

Benzene

Concen: 8.093 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008396.D

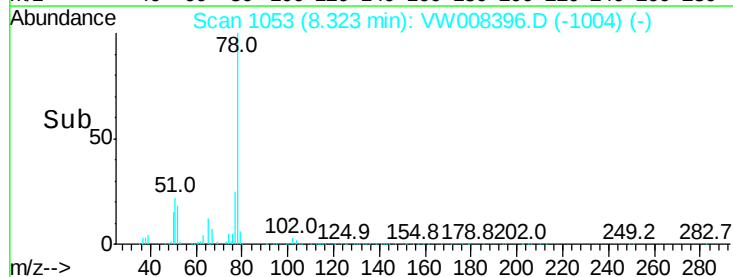
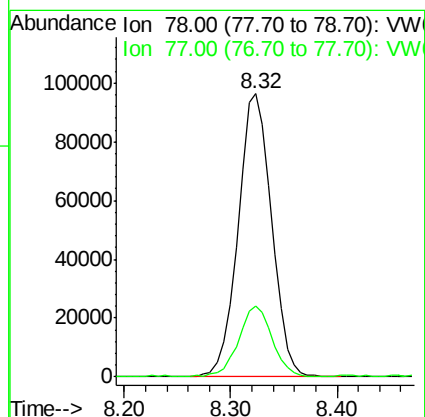
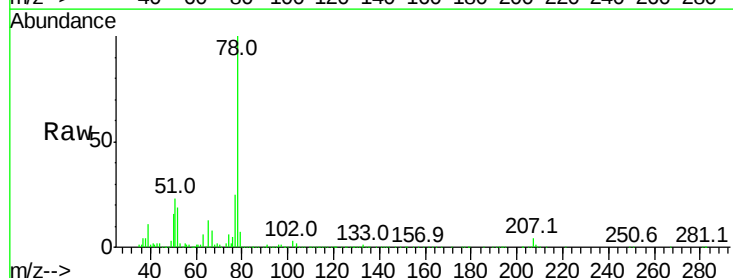
Acq: 24 Jan 2019 14:50

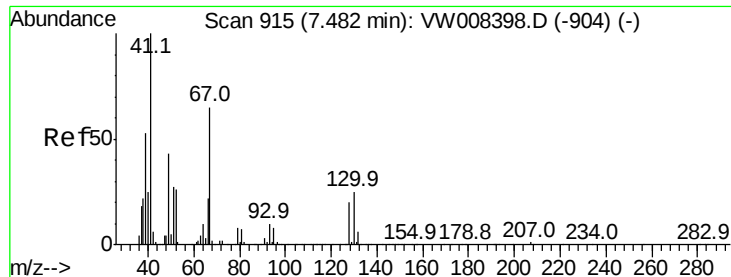
Tgt Ion: 78 Resp: 211842

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

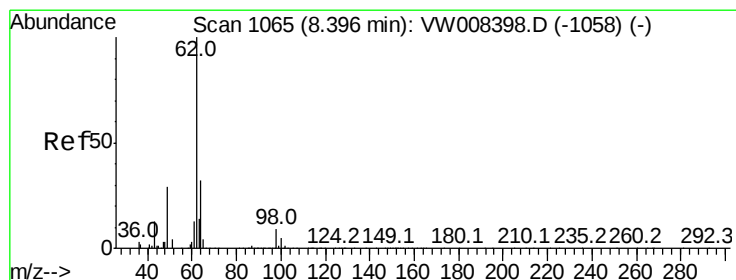
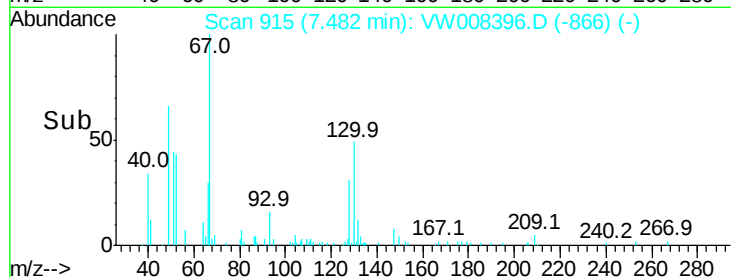
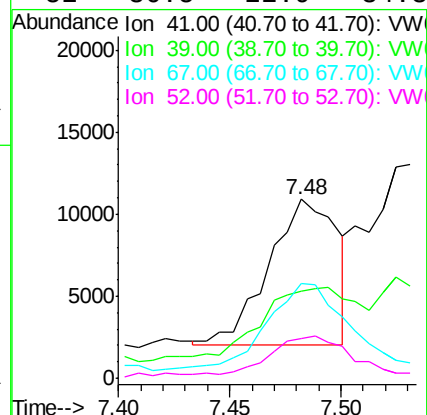
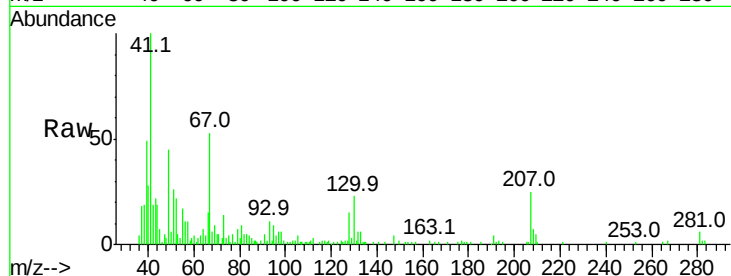




#41
Methacrylonitrile
Concen: 8.555 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

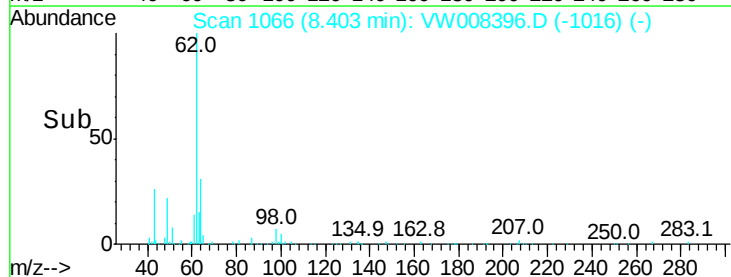
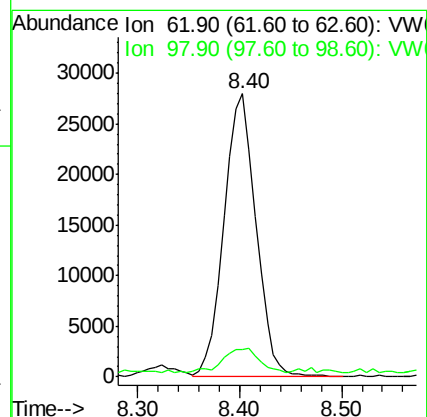
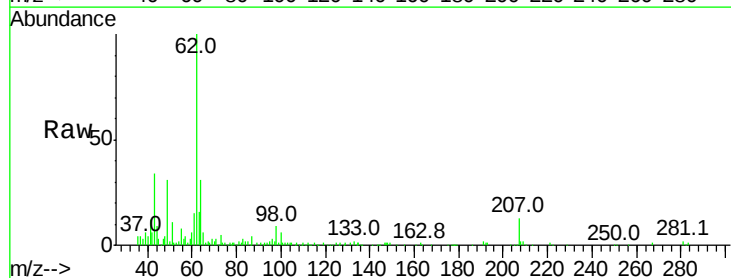
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

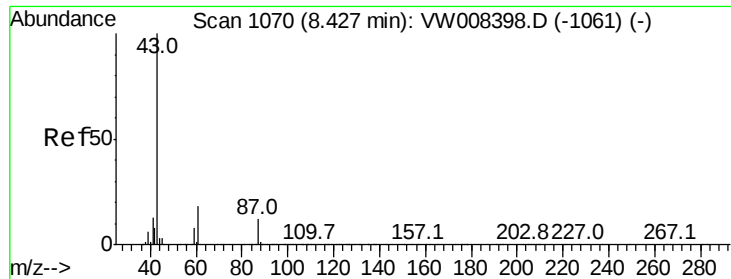
Tgt Ion:	41	Resp:	18977
Ion	Ratio	Lower	Upper
41	100		
39	75.5	43.4	65.0#
67	71.4	54.2	81.2
52	36.5	22.9	34.3#



#42
1,2-Dichloroethane
Concen: 8.349 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion:	62	Resp:	61107
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 9.438 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

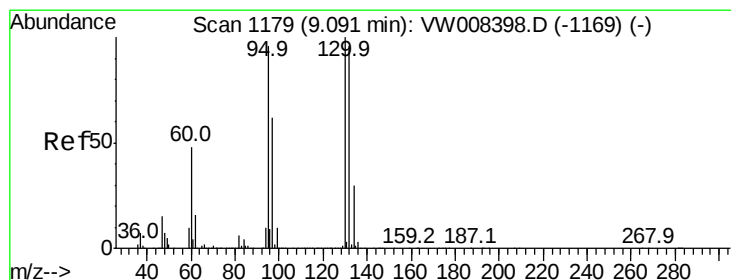
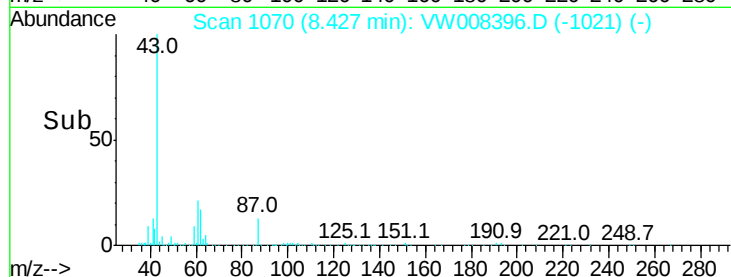
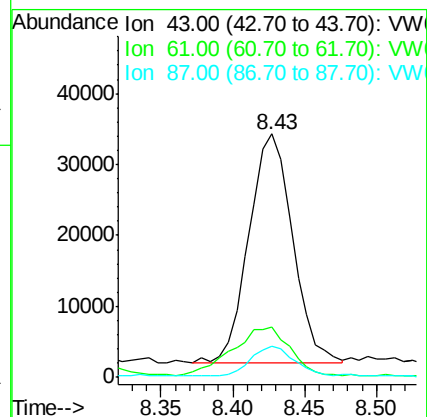
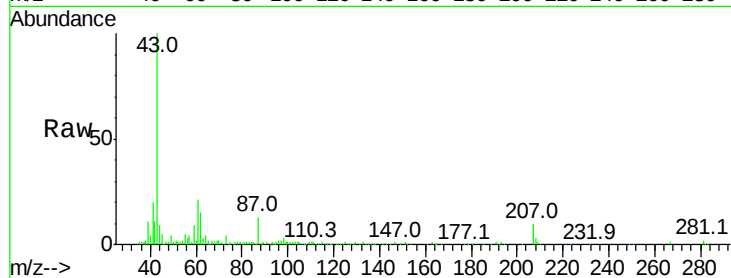
Tgt Ion: 43 Resp: 67932

Ion Ratio Lower Upper

43 100

61 29.1 22.0 33.0

87 13.0 9.3 13.9



#44

Trichloroethene

Concen: 8.105 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008396.D

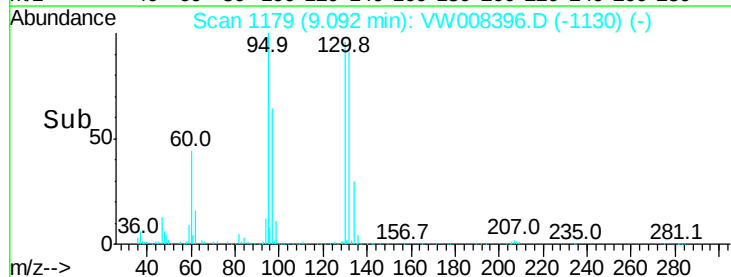
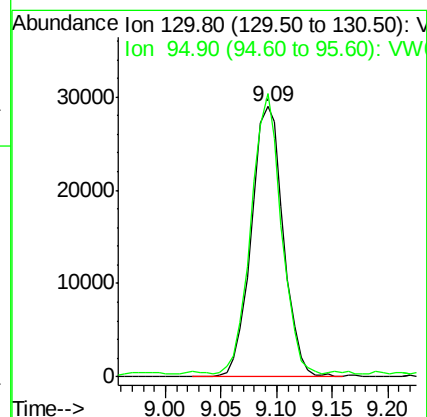
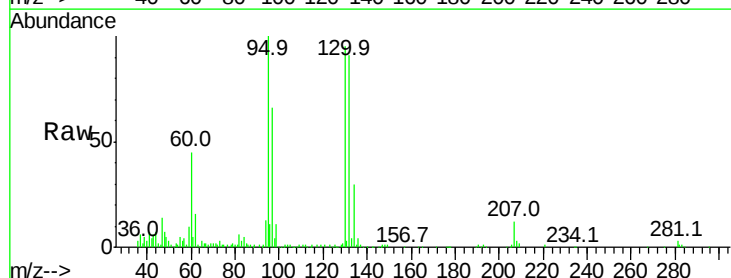
Acq: 24 Jan 2019 14:50

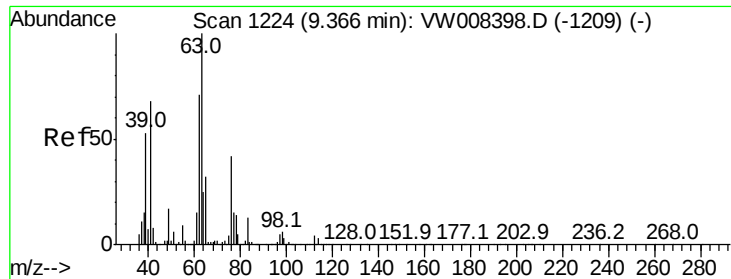
Tgt Ion: 130 Resp: 58121

Ion Ratio Lower Upper

130 100

95 103.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 8.236 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

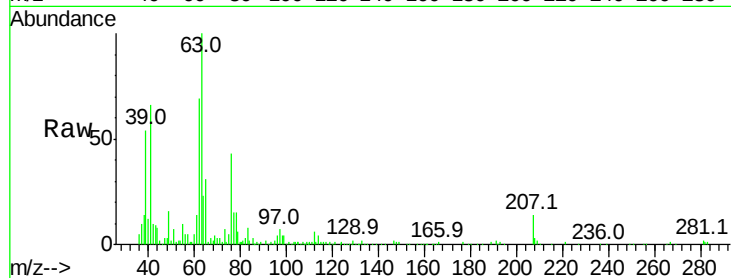
VSTDIC010

Tgt Ion: 63 Resp: 53550

Ion Ratio Lower Upper

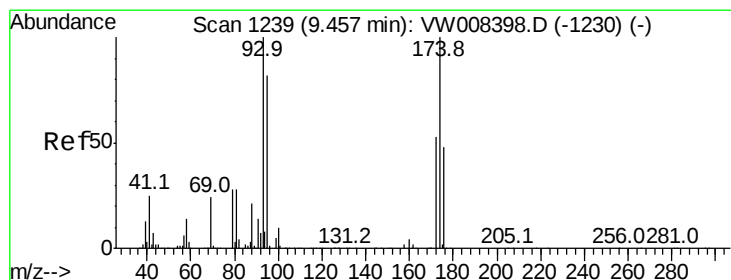
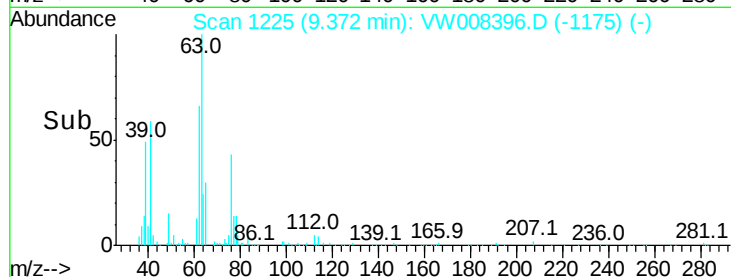
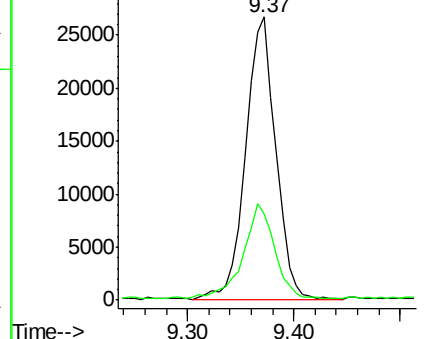
63 100

65 29.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 7.923 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

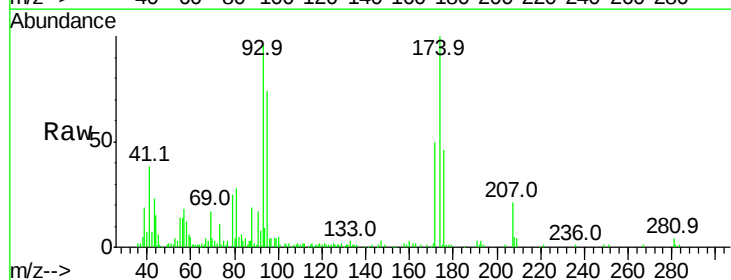
Tgt Ion: 93 Resp: 26850

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

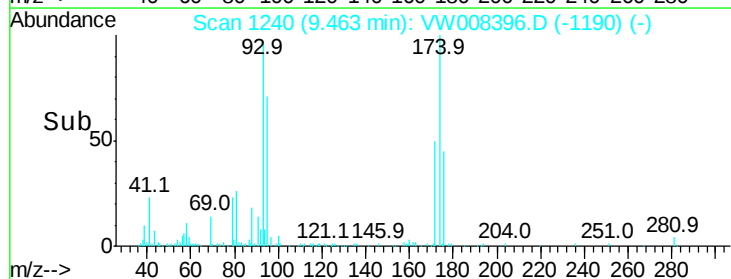
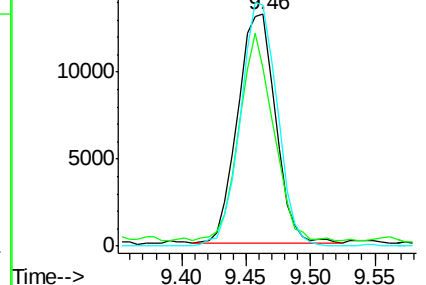
174 103.4 81.0 121.6

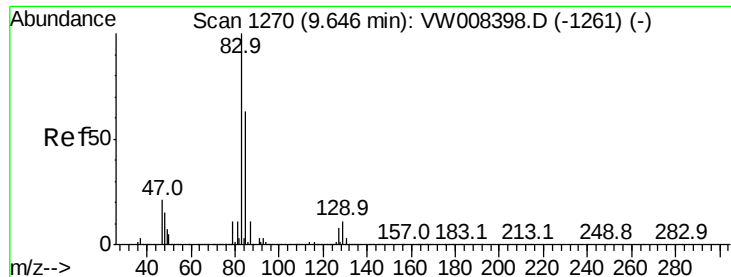


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 8.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

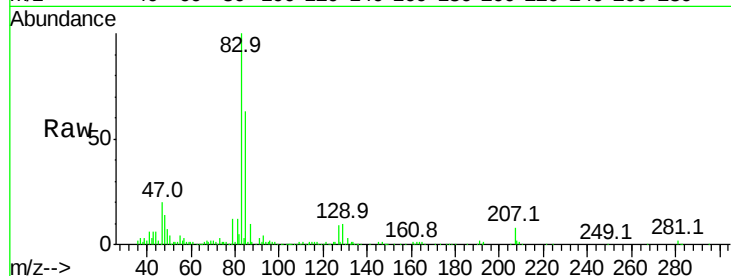
Tgt Ion: 83 Resp: 73154

Ion Ratio Lower Upper

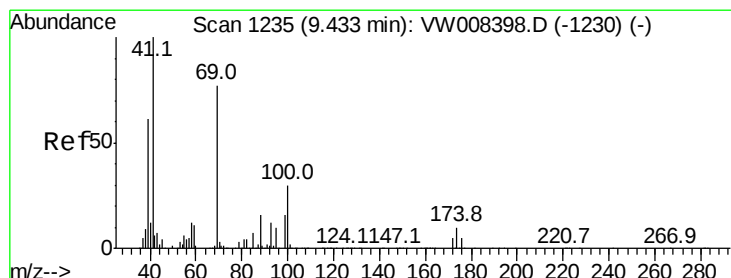
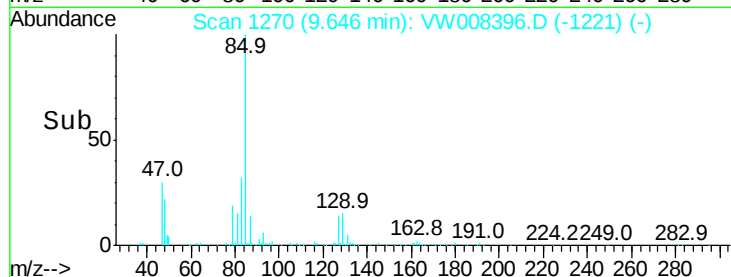
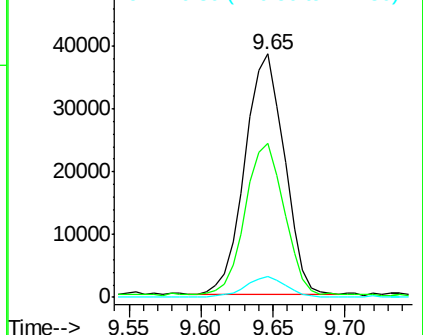
83 100

85 62.9 50.8 76.2

127 8.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 10.560 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

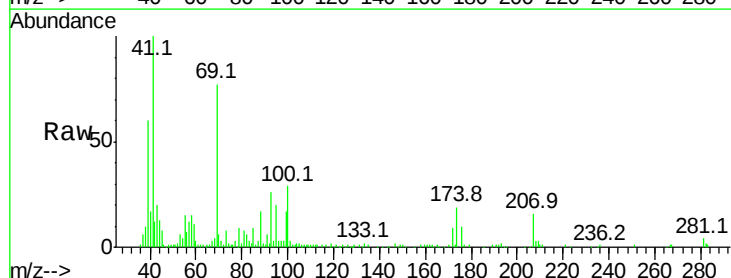
Tgt Ion: 41 Resp: 35783

Ion Ratio Lower Upper

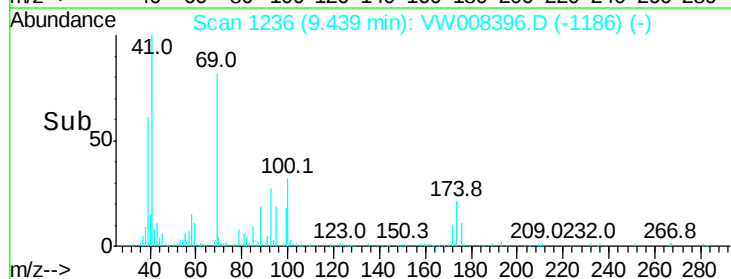
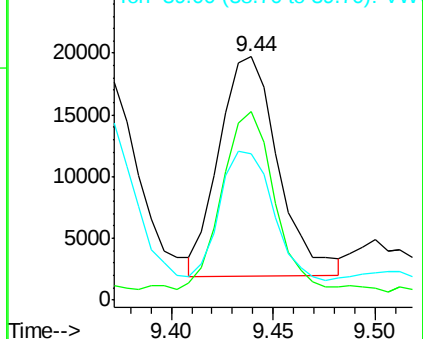
41 100

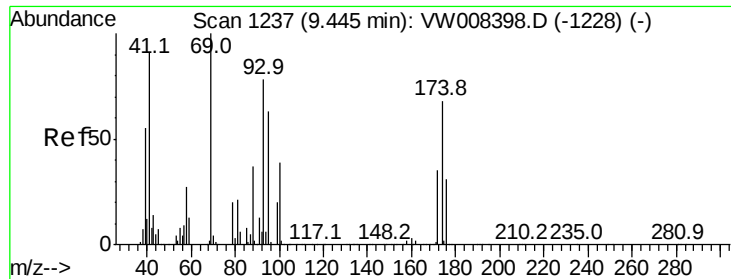
69 75.7 64.8 97.2

39 59.3 49.1 73.7



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

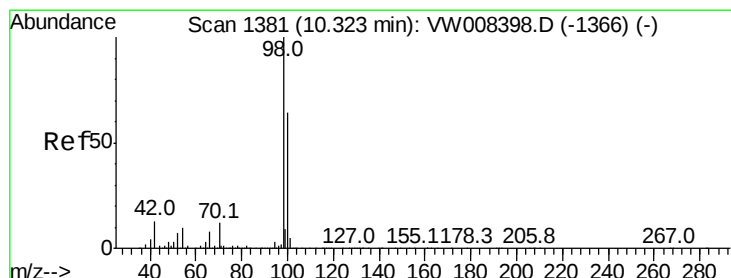
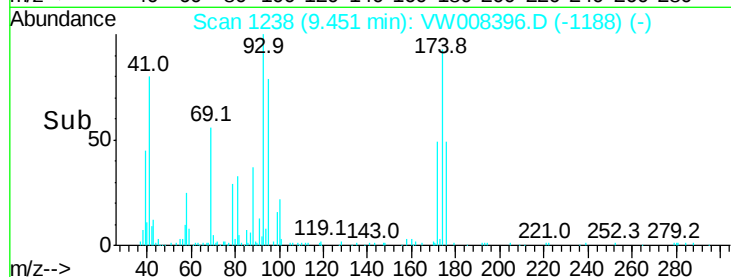
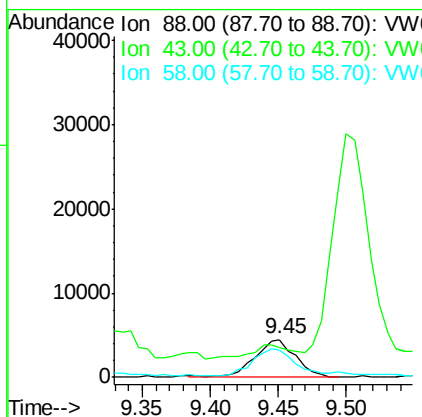
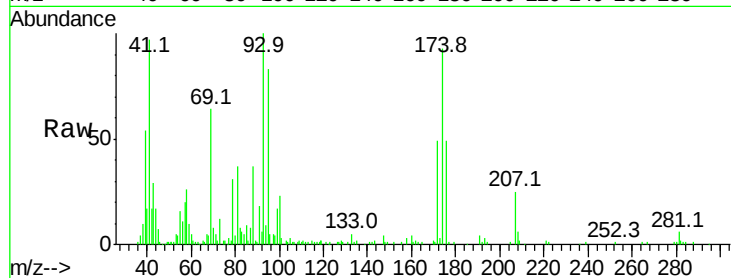




#49
1,4-Dioxane
Concen: 168.021 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

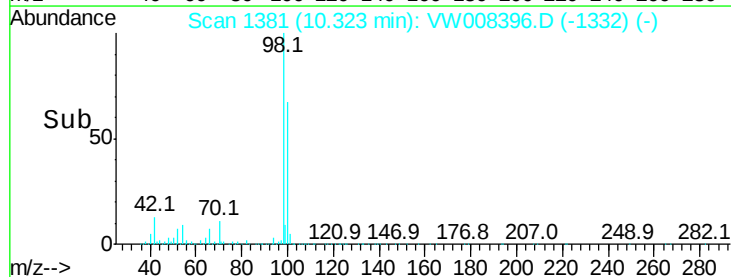
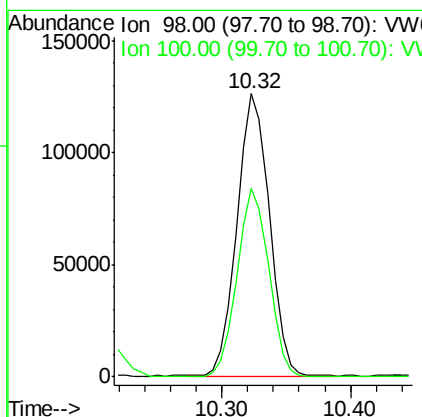
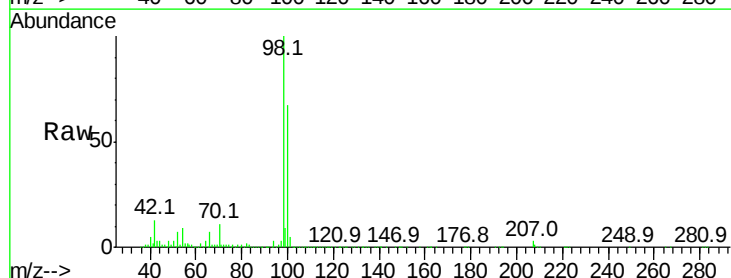
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

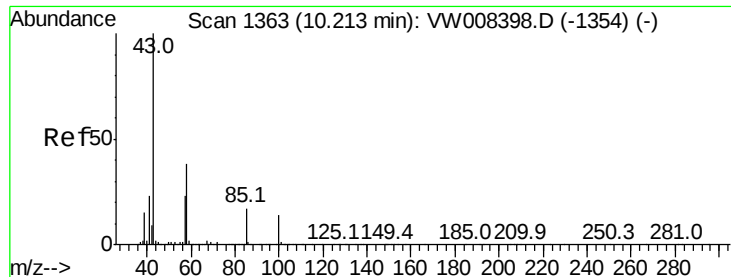
Tgt Ion: 88 Resp: 9166
Ion Ratio Lower Upper
88 100
43 31.5 29.0 43.4
58 72.3 56.4 84.6



#50
Toluene-d8
Concen: 9.521 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 98 Resp: 219297
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

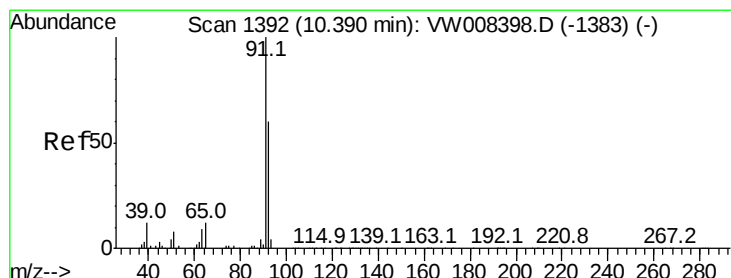
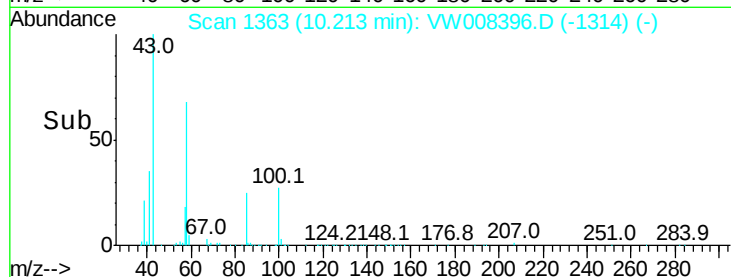
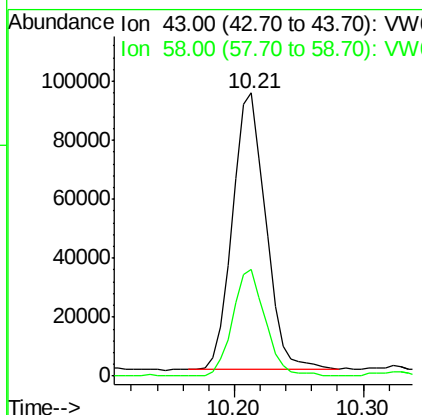
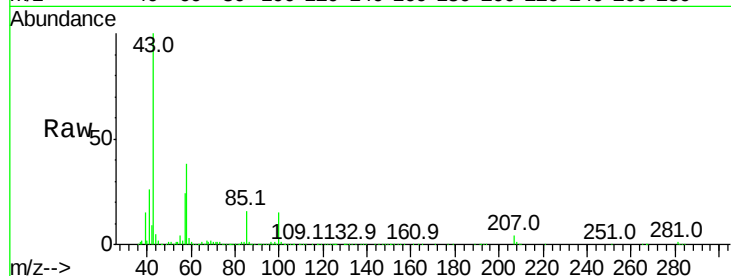




#51
4-Methyl-2-Pentanone
Concen: 46.286 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

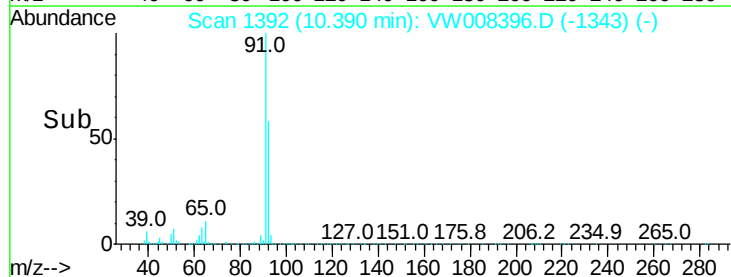
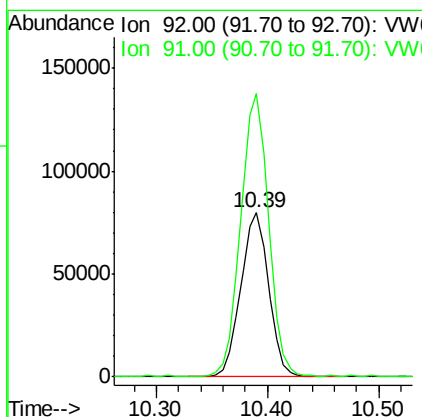
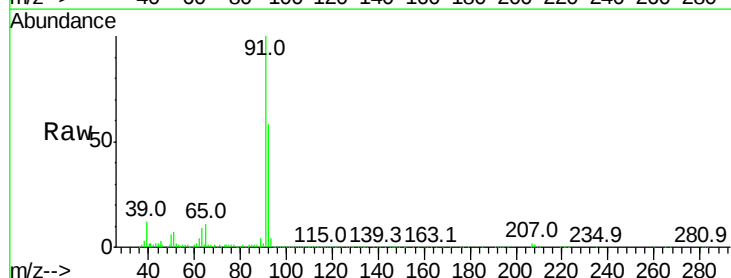
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

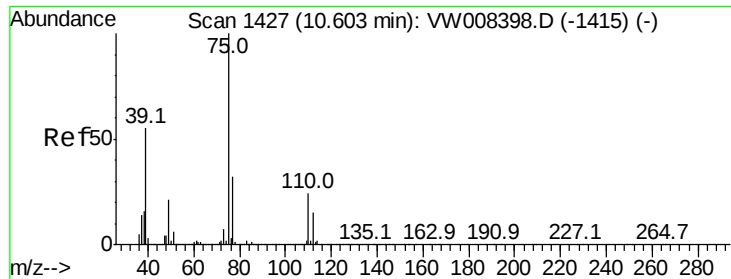
Tgt Ion: 43 Resp: 168701
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5



#52
Toluene
Concen: 8.346 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 92 Resp: 138251
Ion Ratio Lower Upper
92 100
91 171.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 9.095 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

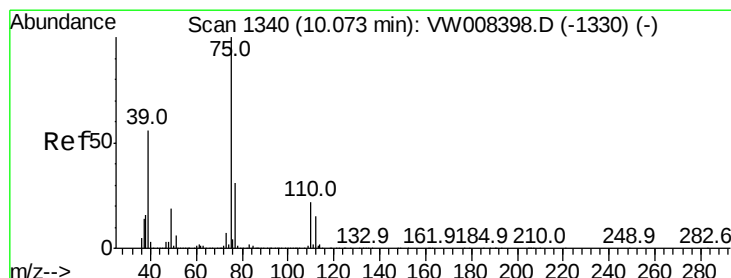
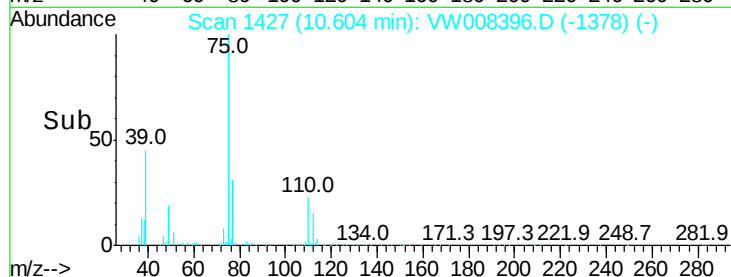
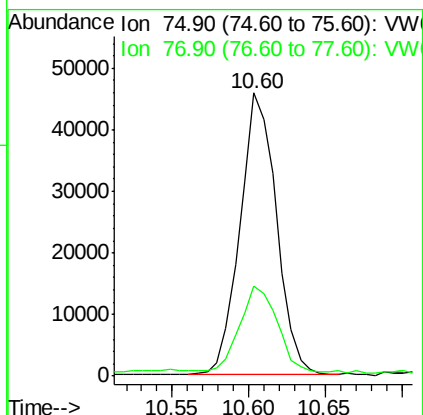
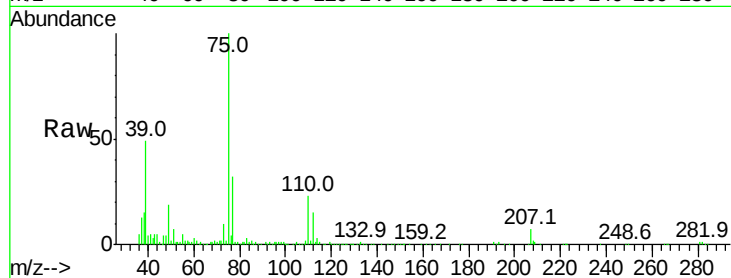
VSTDIC010

Tgt Ion: 75 Resp: 75878

Ion Ratio Lower Upper

75 100

77 29.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 8.860 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

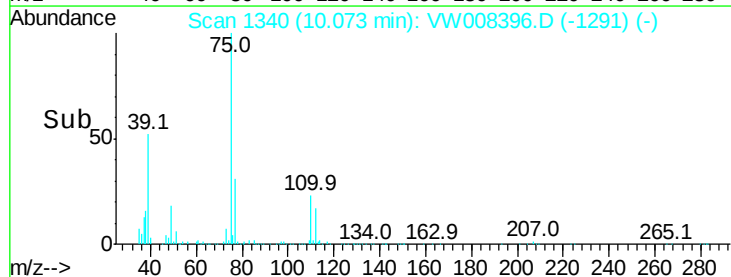
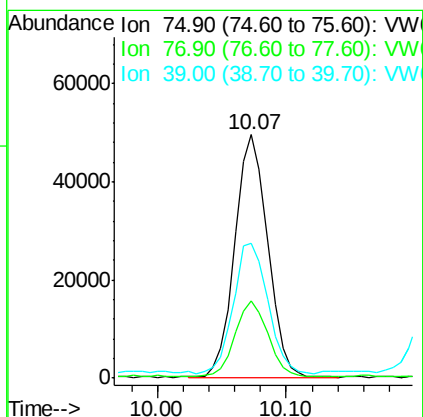
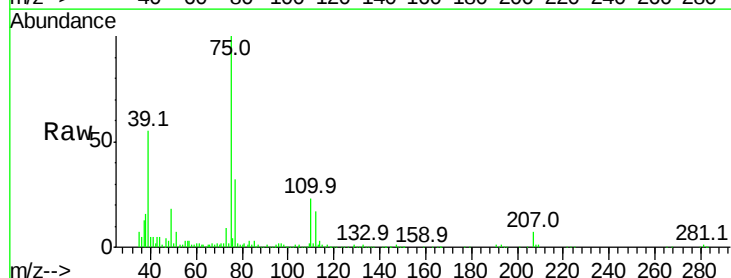
Tgt Ion: 75 Resp: 87141

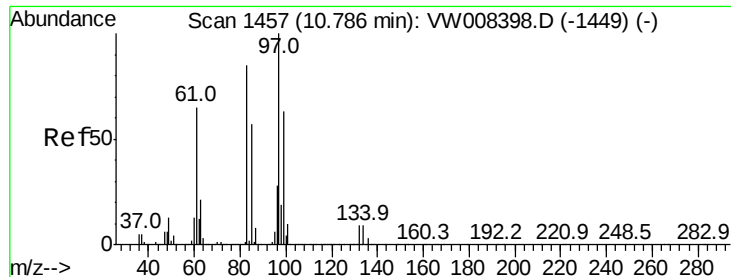
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 52.9 44.9 67.3

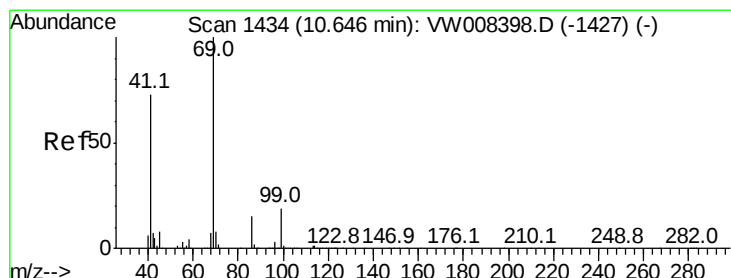
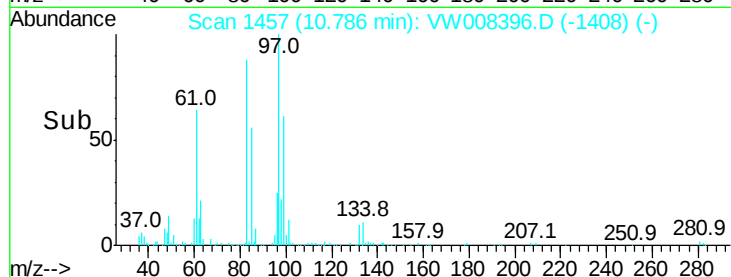
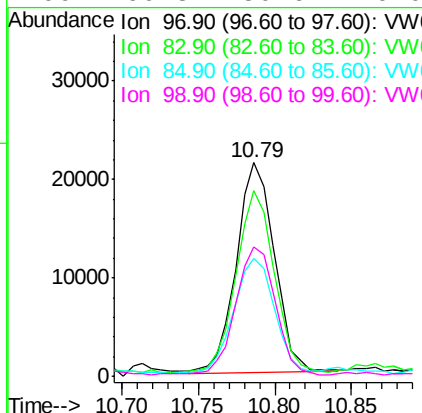
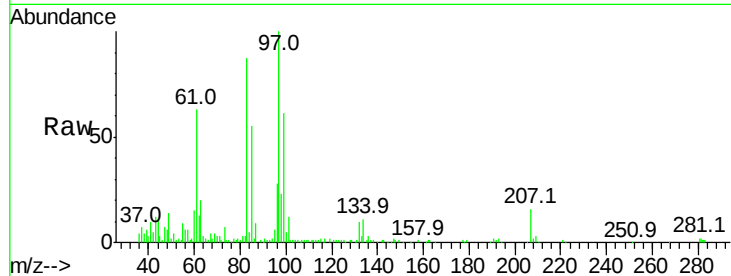




#55
 1,1,2-Trichloroethane
 Concen: 7.891 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

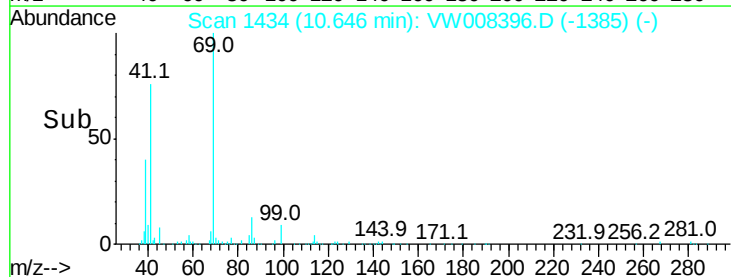
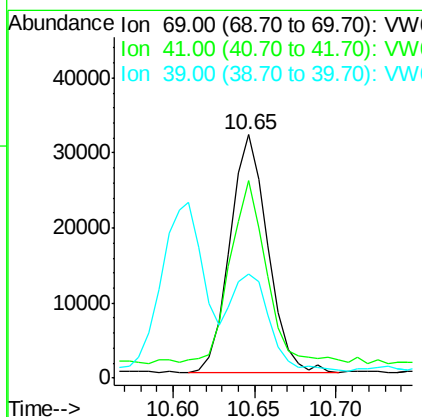
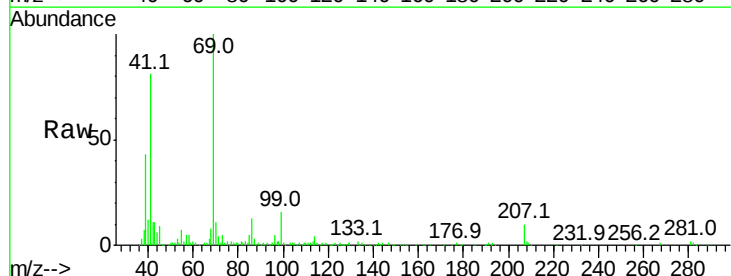
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

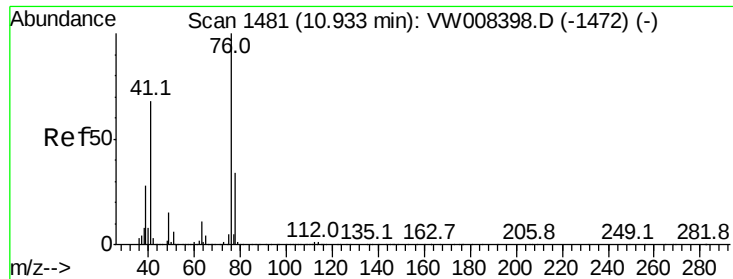
Tgt Ion:	97	Resp:	37088
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	54.6	45.3	67.9
99	60.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 9.308 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:	69	Resp:	51380
Ion	Ratio	Lower	Upper
69	100		
41	73.4	58.7	88.1
39	42.0	32.6	48.8

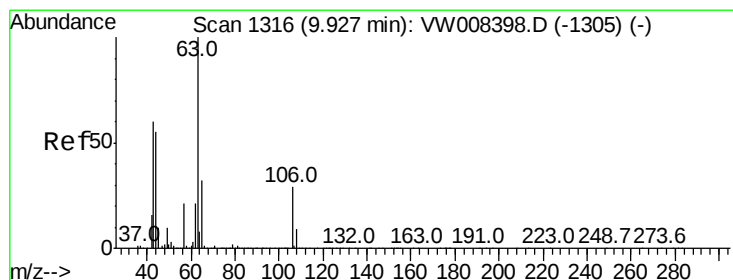
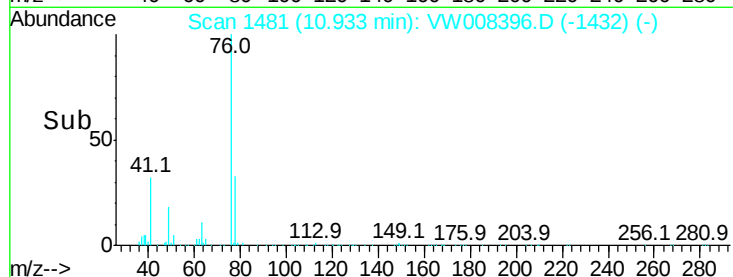
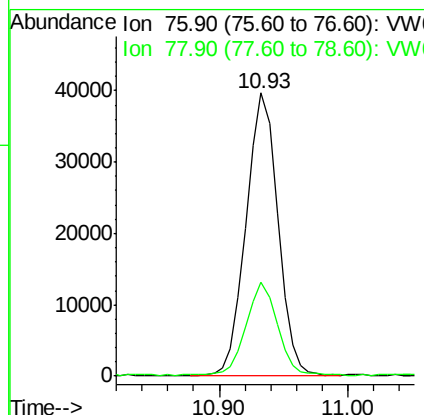
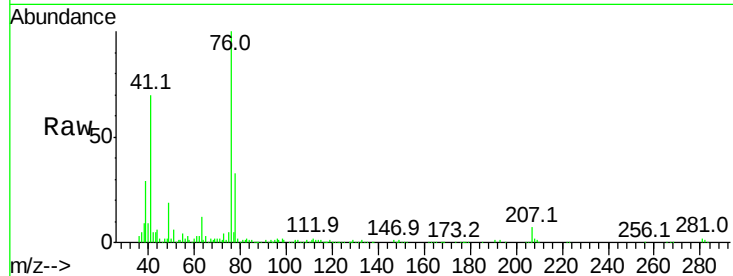




#57
 1,3-Dichloropropane
 Concen: 8.256 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

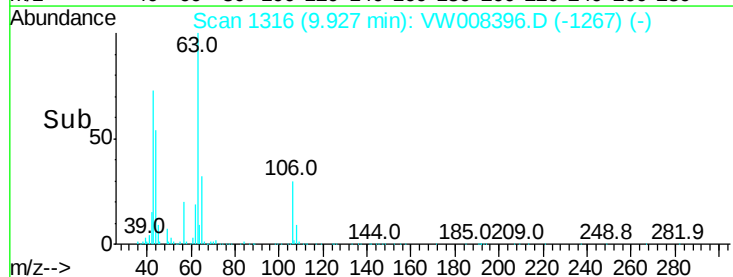
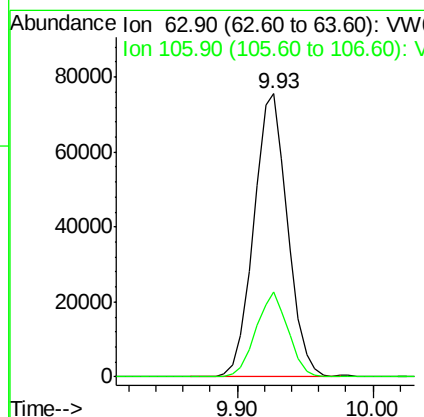
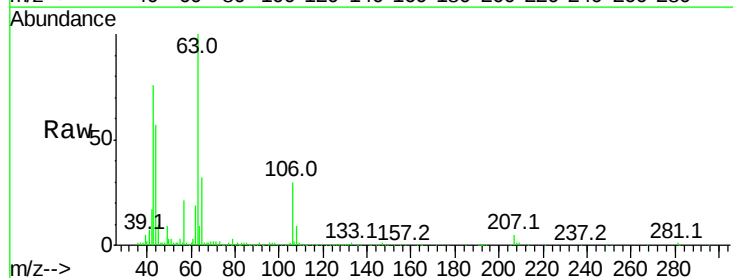
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

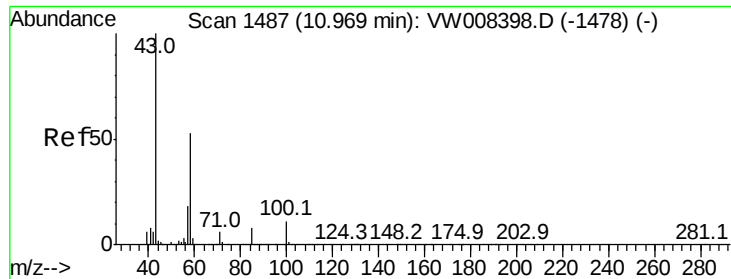
Tgt Ion: 76 Resp: 67381
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.145 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion: 63 Resp: 130854
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.4 33.6

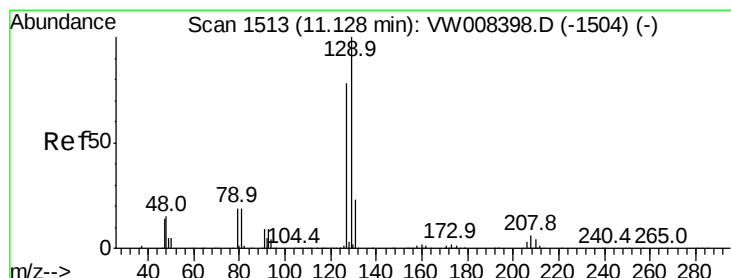
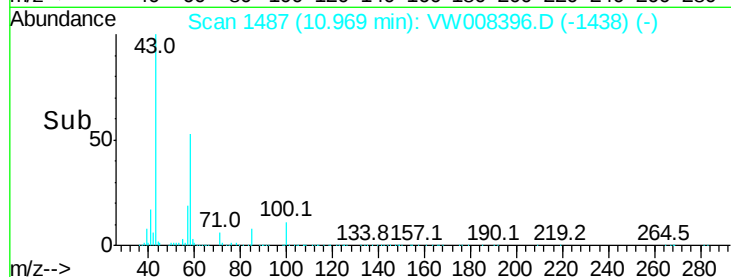
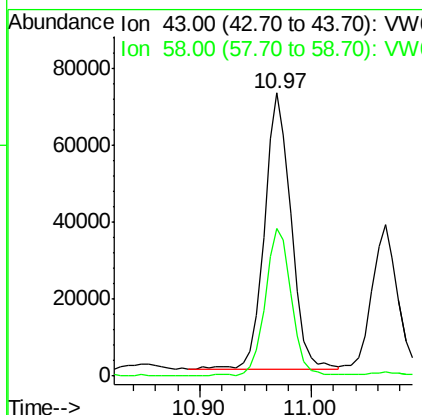
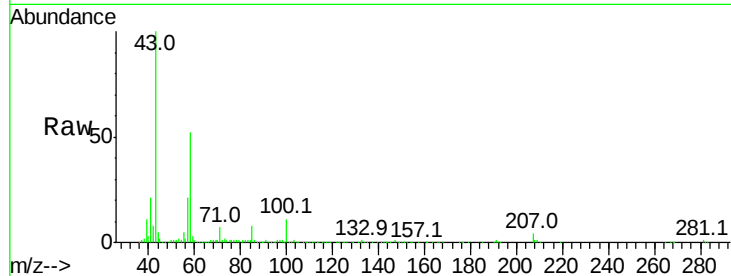




#59
2-Hexanone
Concen: 46.940 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

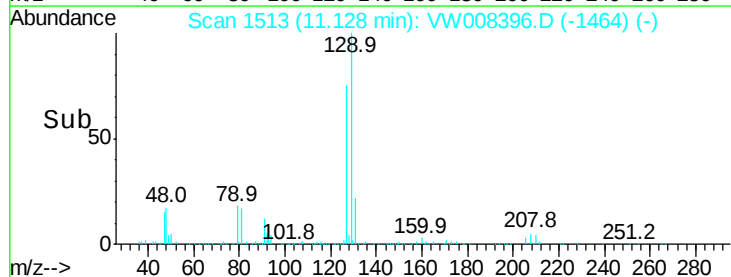
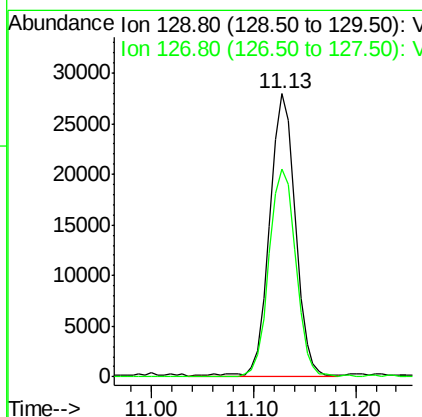
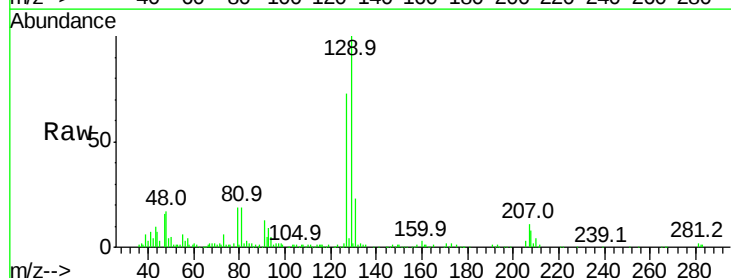
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

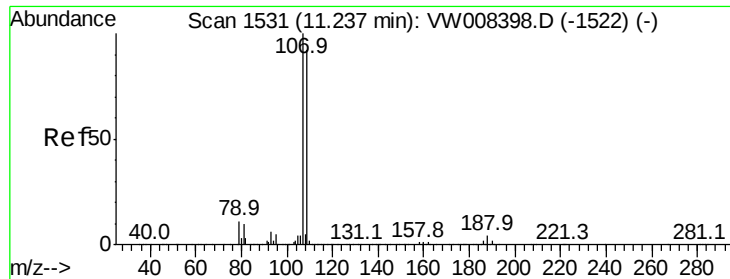
Tgt Ion: 43 Resp: 119871
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7



#60
Dibromochloromethane
Concen: 8.632 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 129 Resp: 48420
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2

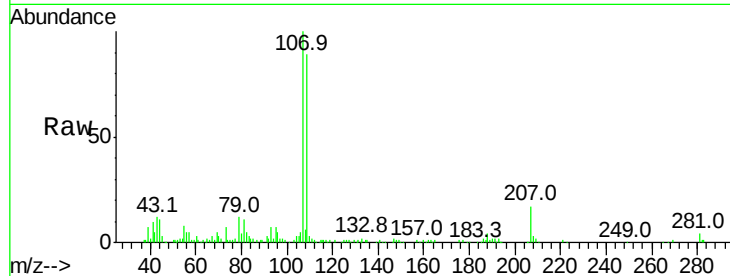




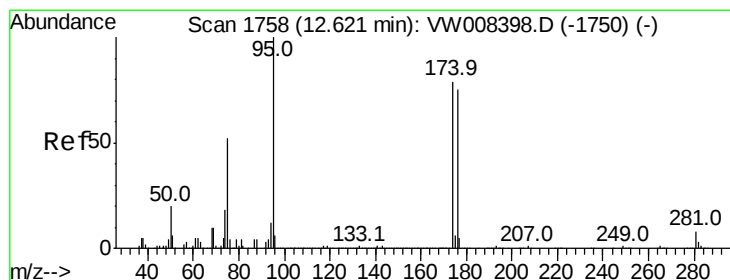
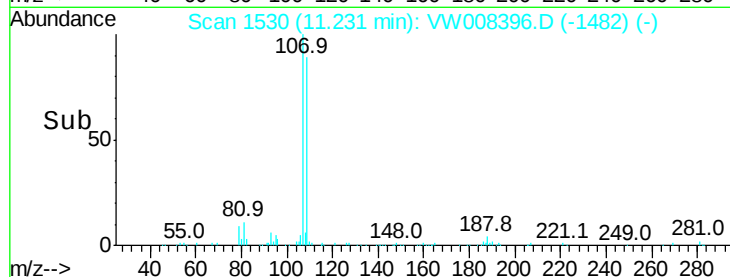
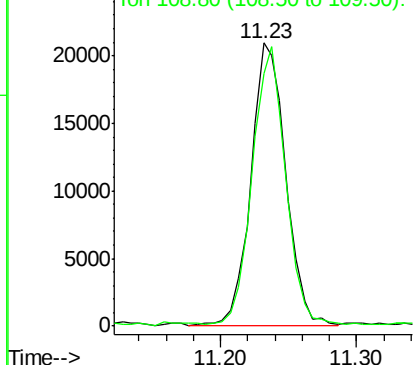
#61
 1,2-Dibromoethane
 Concen: 8.195 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 107 Resp: 37299
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4

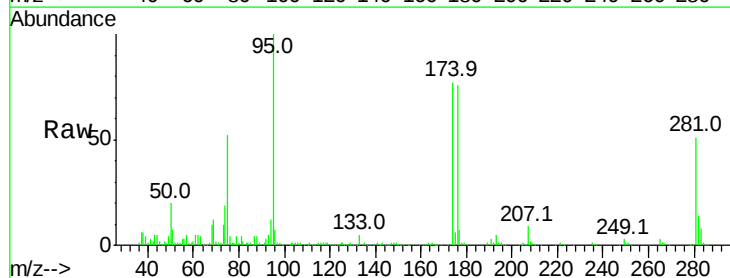


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

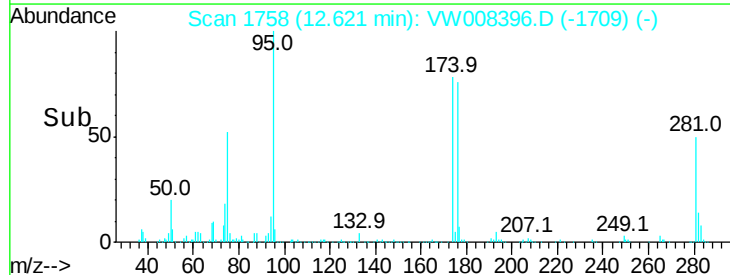
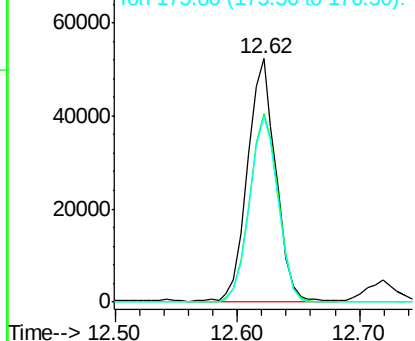


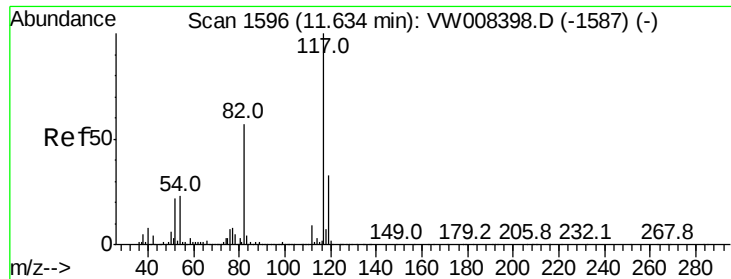
#62
 4-Bromofluorobenzene
 Concen: 10.129 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion: 95 Resp: 83669
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.6
 176 77.0 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

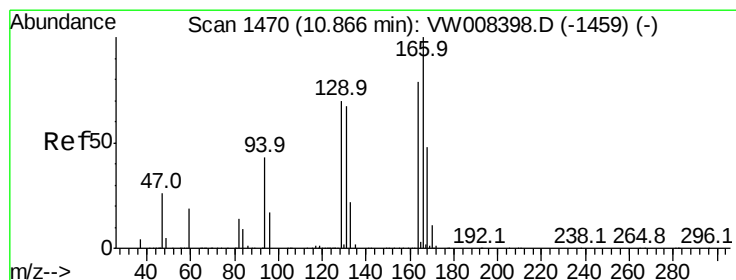
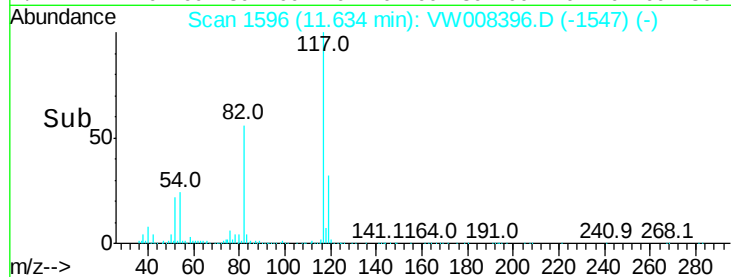
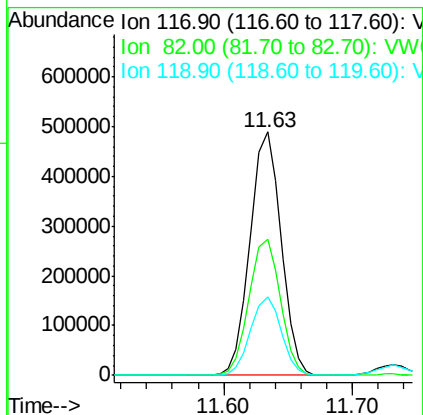
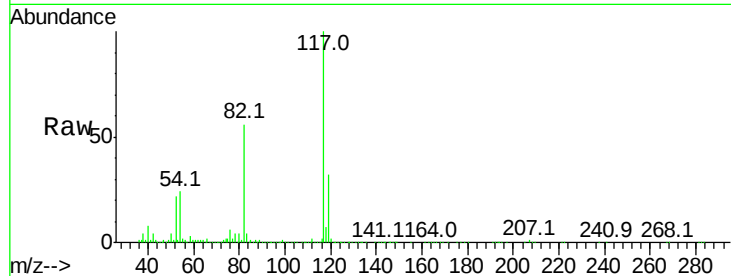




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

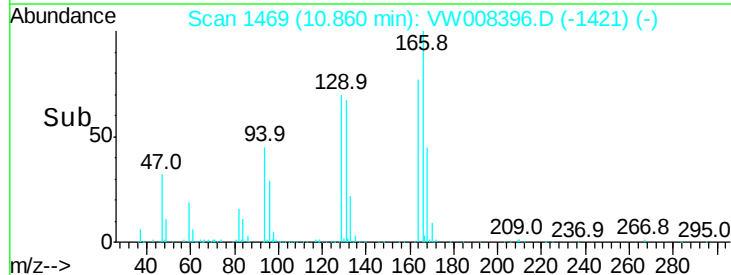
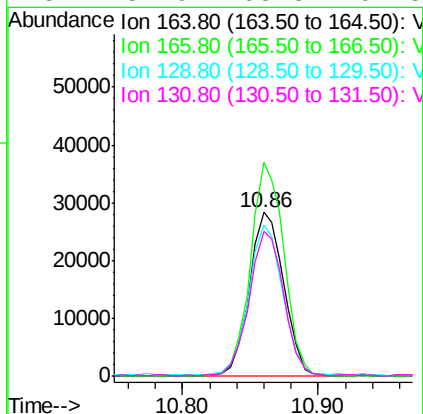
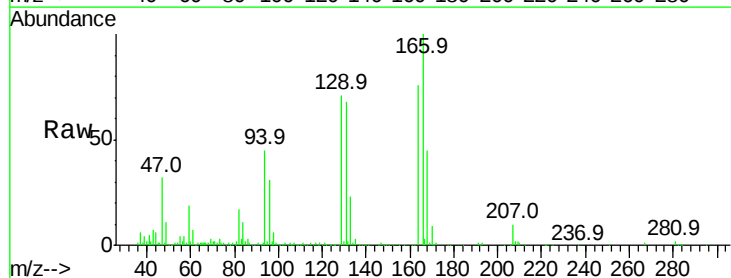
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

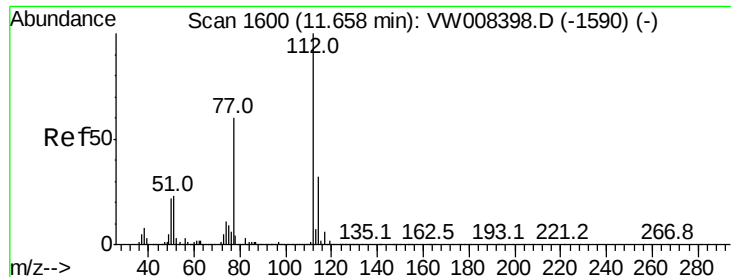
Tgt Ion:117 Resp: 814579
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 8.757 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion:164 Resp: 50020
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 92.0 71.0 106.6
131 87.9 68.3 102.5





#65

Chlorobenzene

Concen: 8.363 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

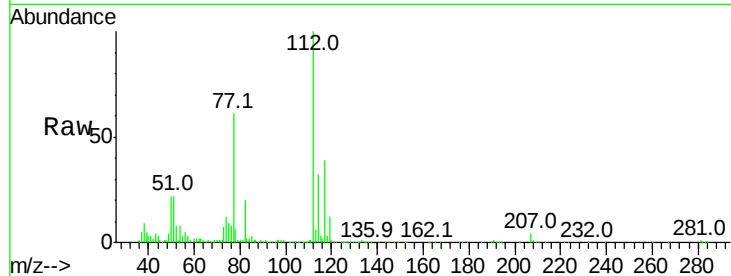
VSTDIC010

Tgt Ion:112 Resp: 148588

Ion Ratio Lower Upper

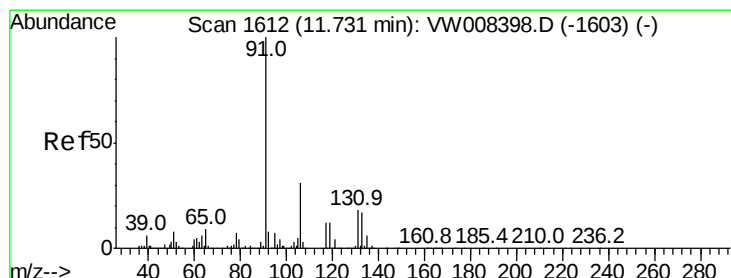
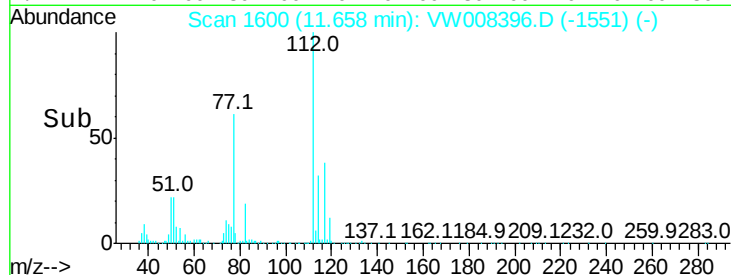
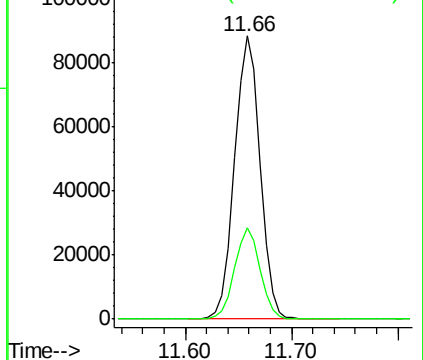
112 100

114 32.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 8.645 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

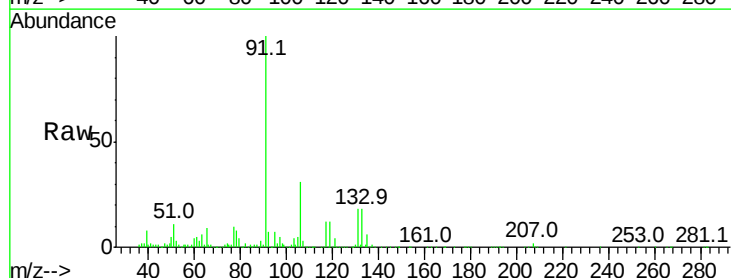
Tgt Ion:131 Resp: 52863

Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.2

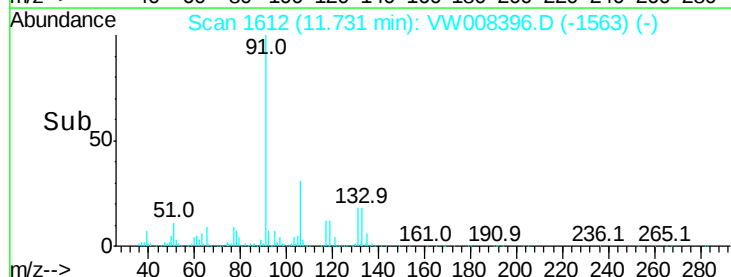
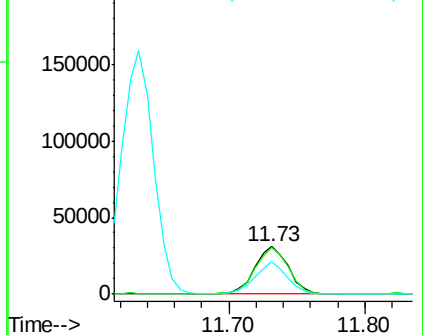
119 63.8 32.1 96.3

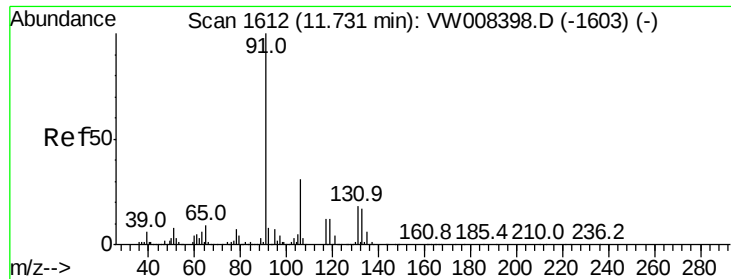


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

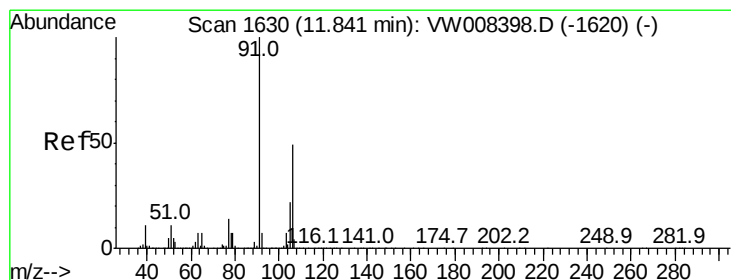
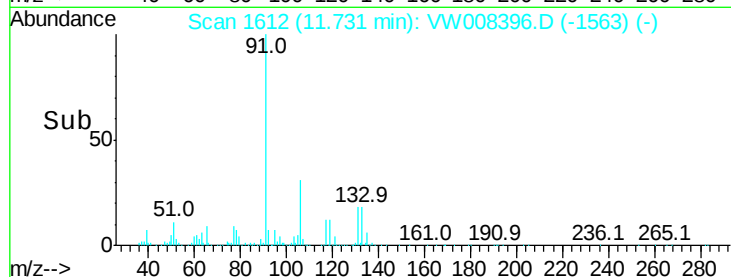
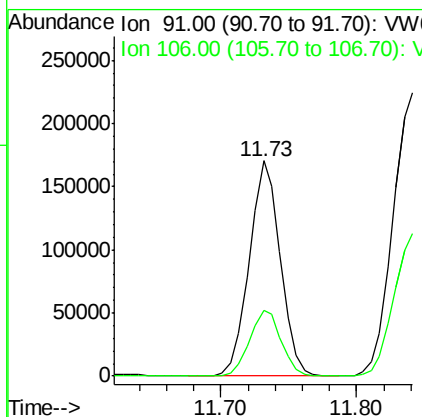
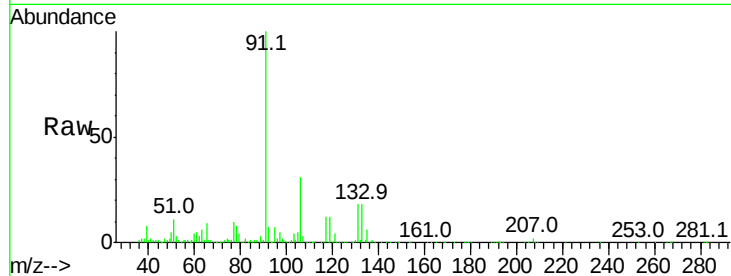




#67
Ethyl Benzene
Concen: 8.819 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

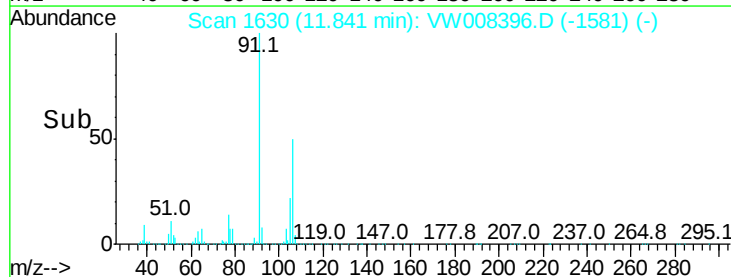
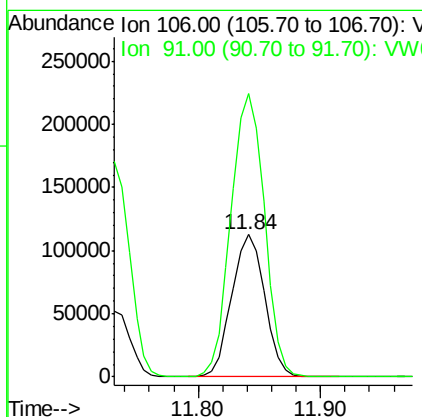
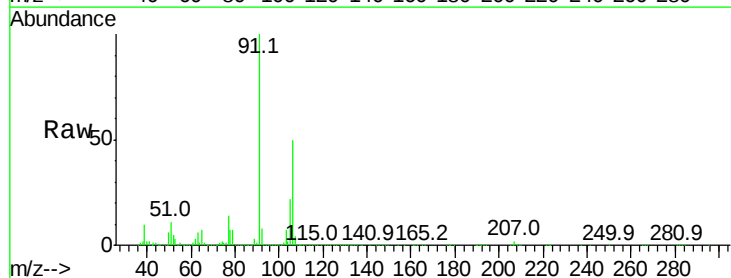
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

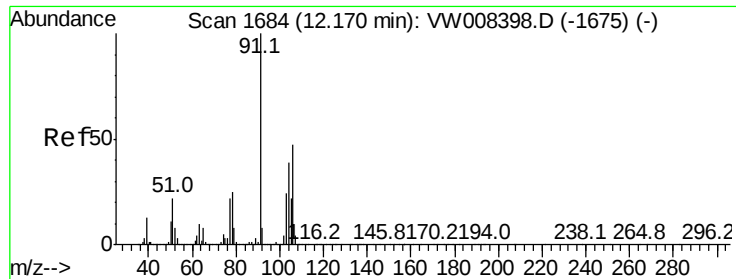
Tgt Ion: 91 Resp: 272083
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 17.529 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 106 Resp: 209902
Ion Ratio Lower Upper
106 100
91 202.0 162.9 244.3

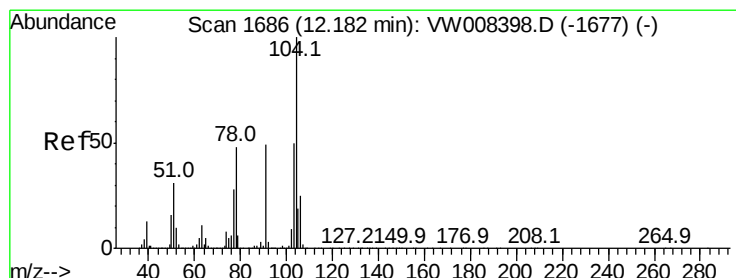
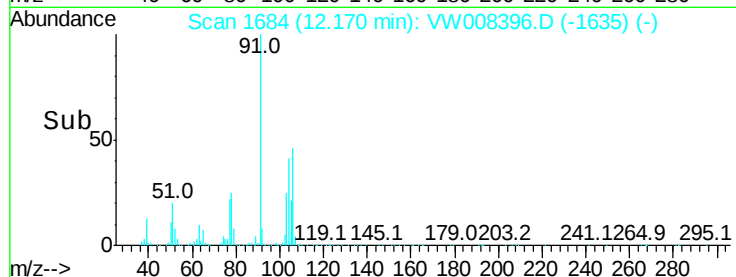
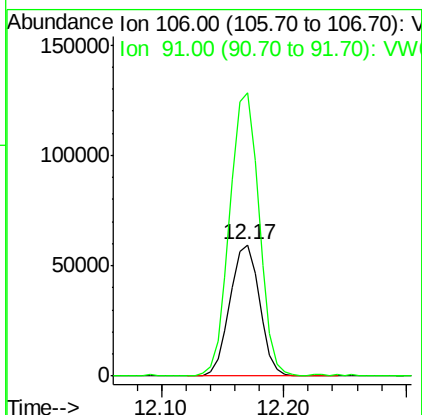
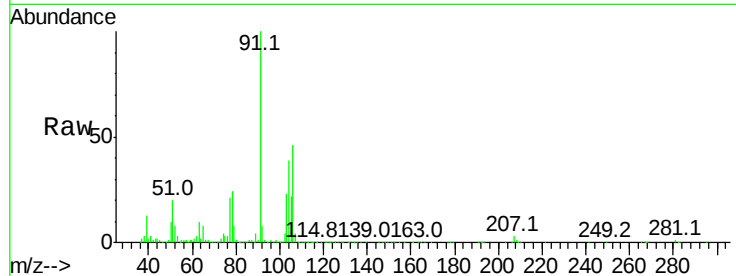




#69
o-Xylene
Concen: 8.919 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

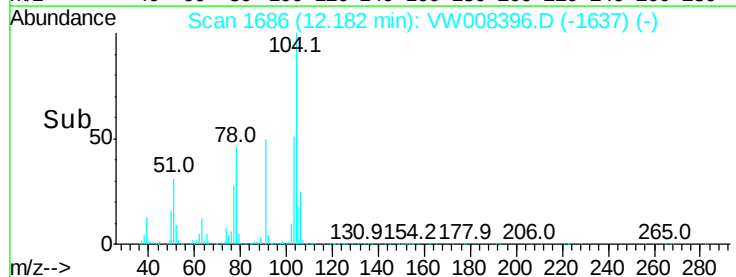
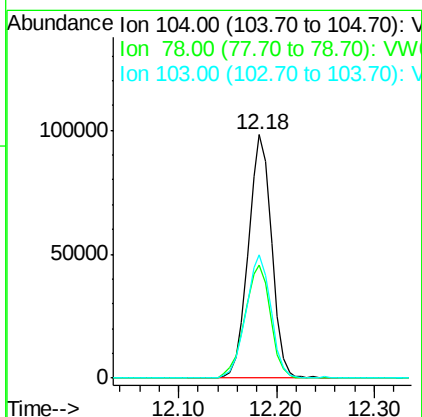
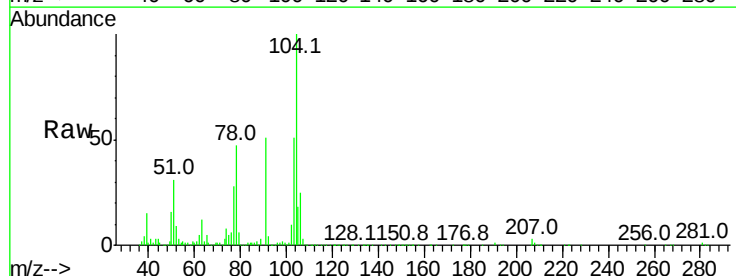
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

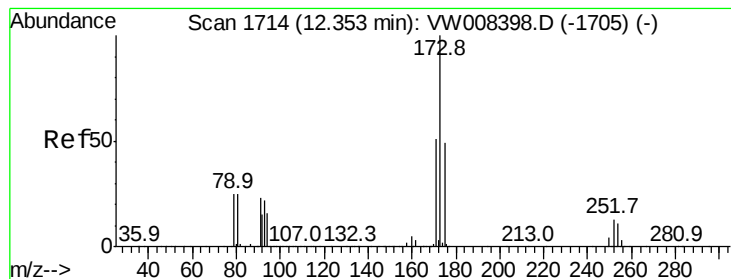
Tgt Ion:106 Resp: 99784
Ion Ratio Lower Upper
106 100
91 212.2 107.5 322.4



#70
Styrene
Concen: 8.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion:104 Resp: 161611
Ion Ratio Lower Upper
104 100
78 50.7 42.4 63.6
103 53.7 43.4 65.0





#71

Bromoform

Concen: 9.455 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

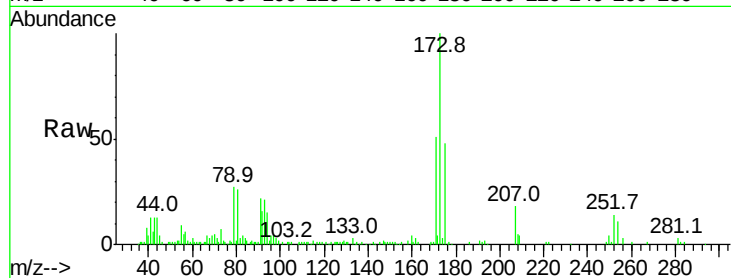
Tgt Ion:173 Resp: 28804

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.4

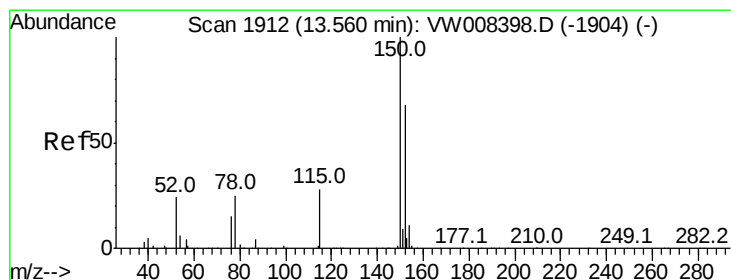
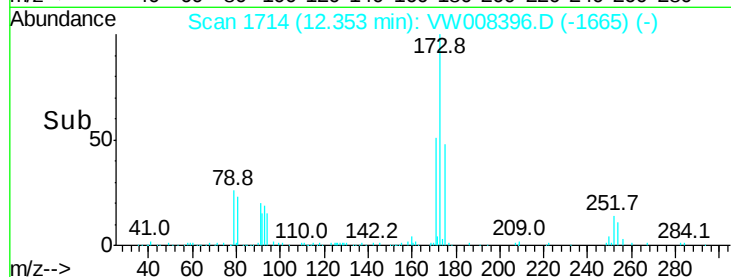
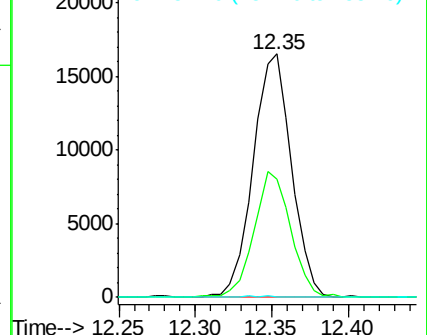
254 0.3 0.2 0.2#



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: VW008396.D

Acq: 24 Jan 2019 14:50

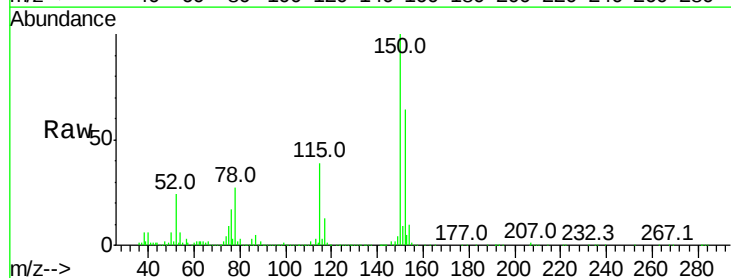
Tgt Ion:152 Resp: 415745

Ion Ratio Lower Upper

152 100

115 58.3 29.9 89.7

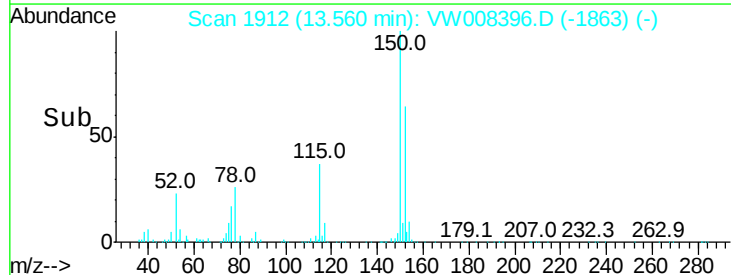
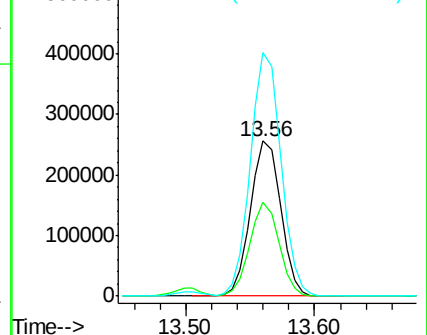
150 158.2 0.0 351.4

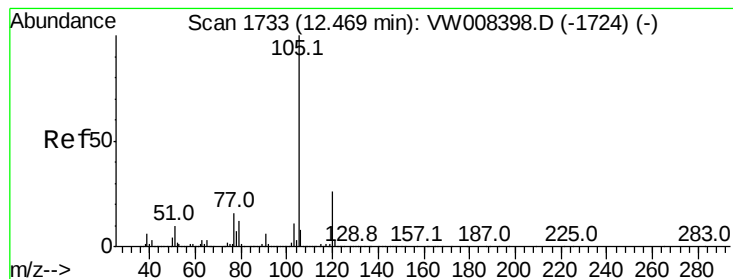


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.074 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

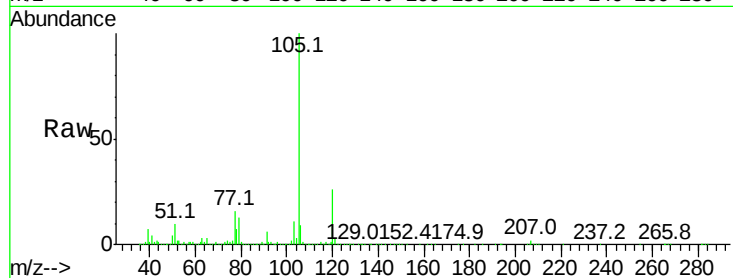
VSTDIC010

Tgt Ion:105 Resp: 274883

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

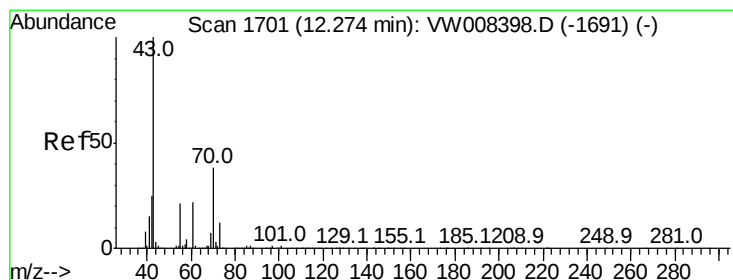
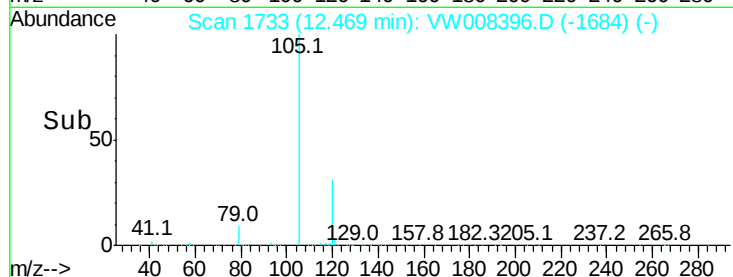
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 10.545 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion: 43 Resp: 68453

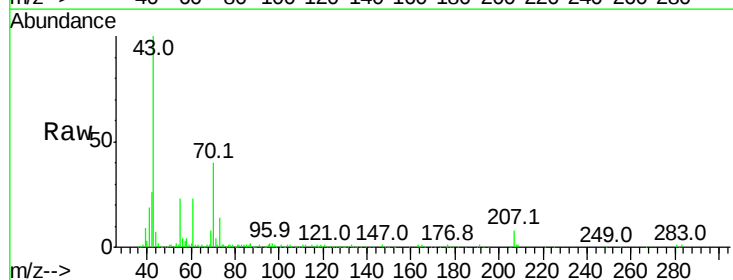
Ion Ratio Lower Upper

43 100

70 39.3 31.0 46.6

55 21.9 17.4 26.2

61 22.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

40000

20000

0

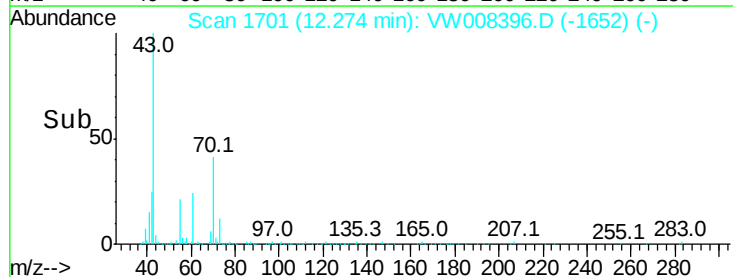
12.27

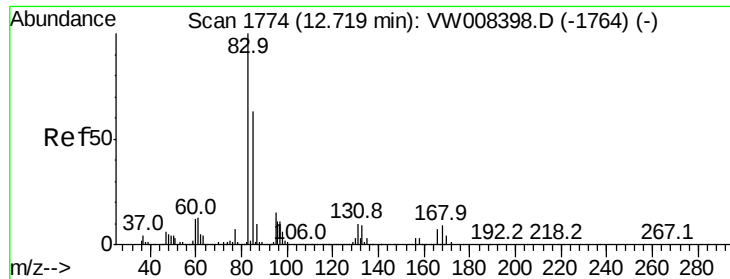
12.20

12.25

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.513 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

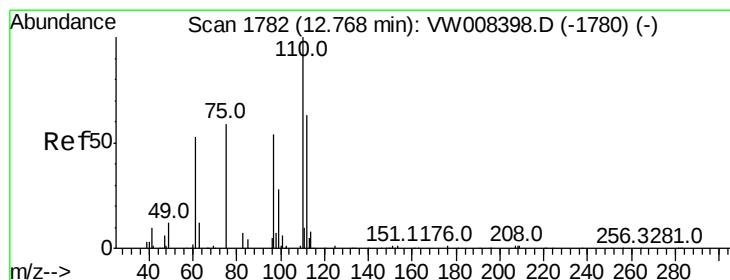
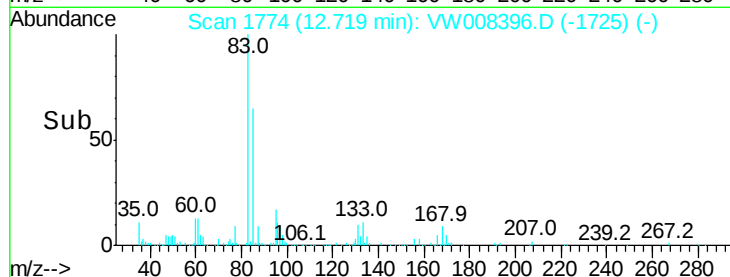
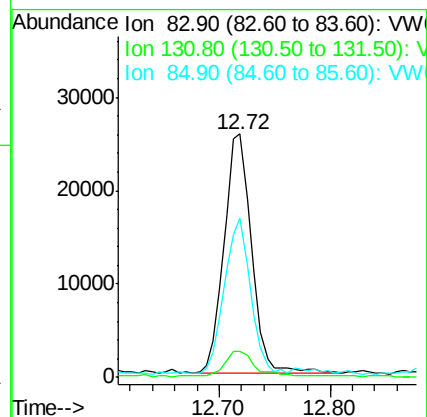
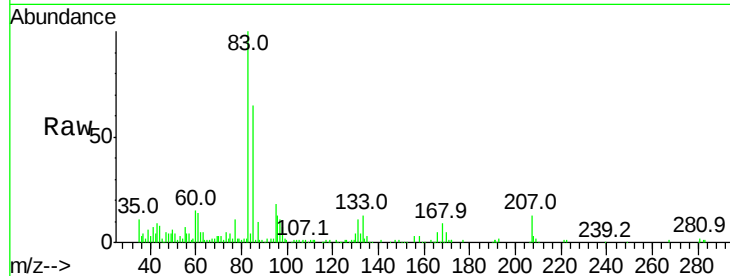
Tgt Ion: 83 Resp: 43861

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.4

85 61.5 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 16.165 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008396.D

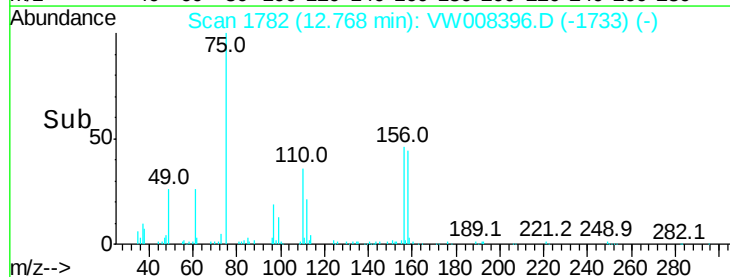
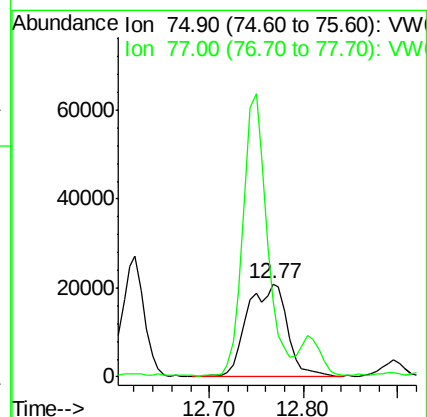
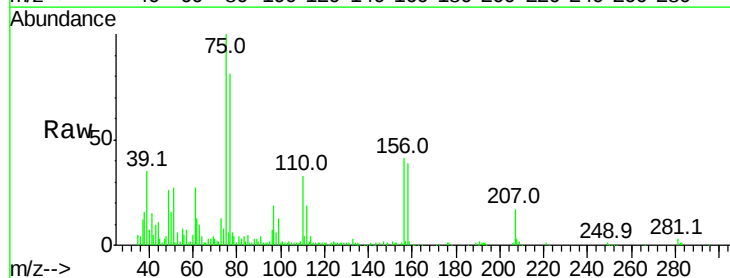
Acq: 24 Jan 2019 14:50

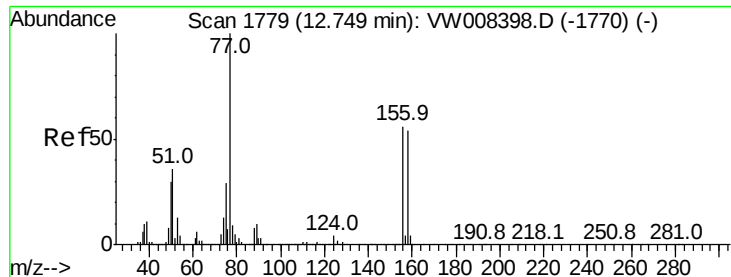
Tgt Ion: 75 Resp: 61201

Ion Ratio Lower Upper

75 100

77 184.7 180.7 542.1





#77

Bromobenzene

Concen: 8.256 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

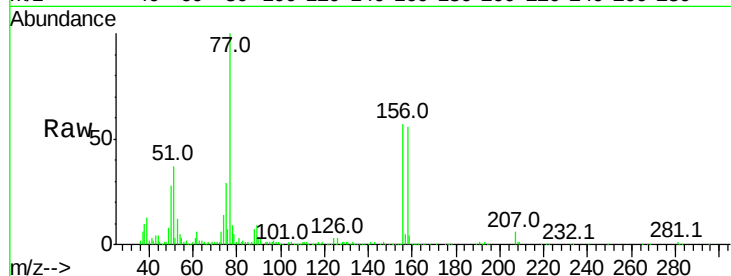
Tgt Ion:156 Resp: 60073

Ion Ratio Lower Upper

156 100

77 188.2 96.9 290.7

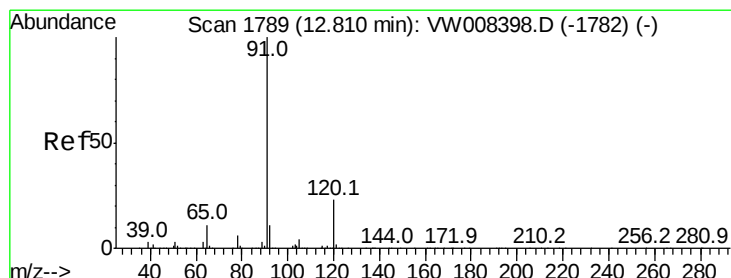
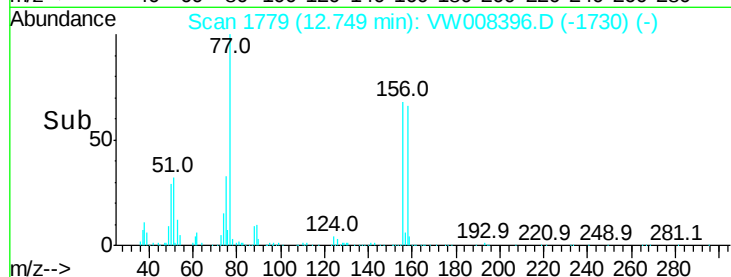
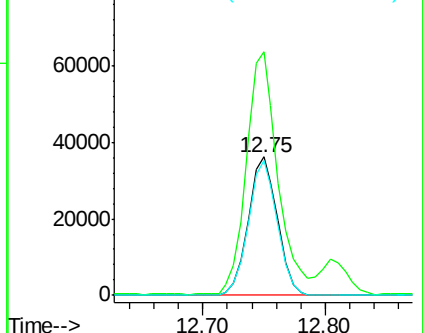
158 96.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 9.011 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008396.D

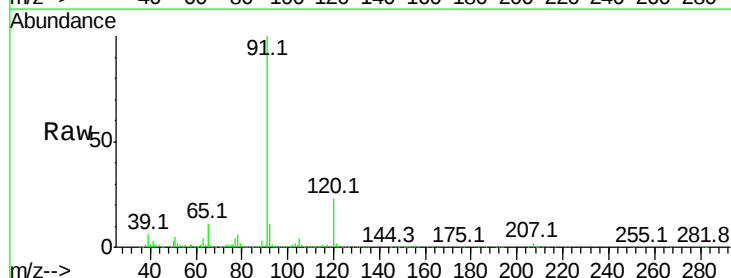
Acq: 24 Jan 2019 14:50

Tgt Ion: 91 Resp: 330395

Ion Ratio Lower Upper

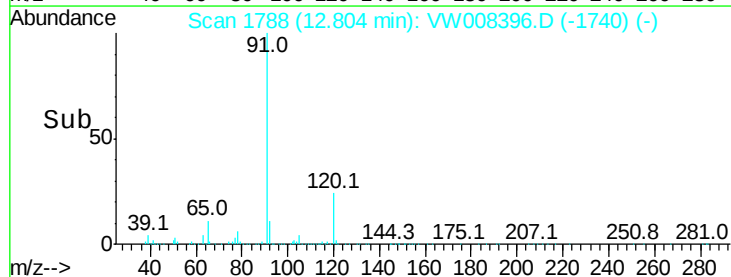
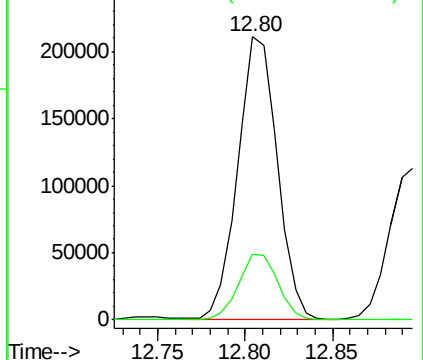
91 100

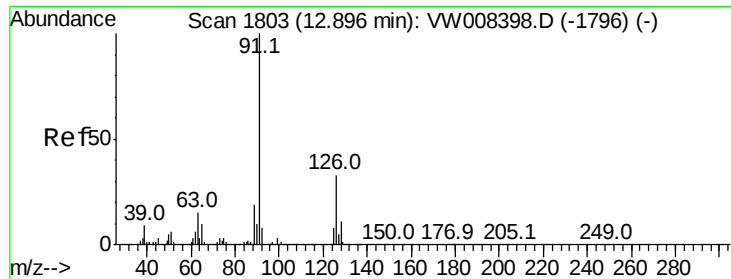
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V

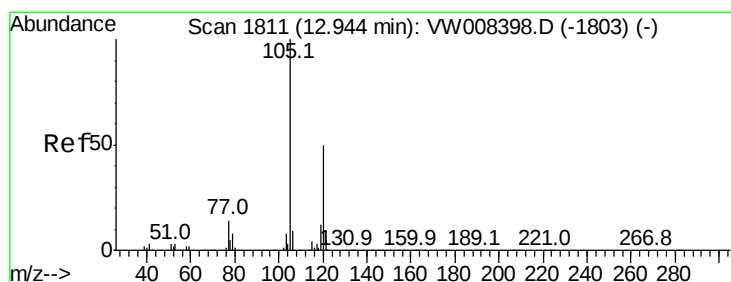
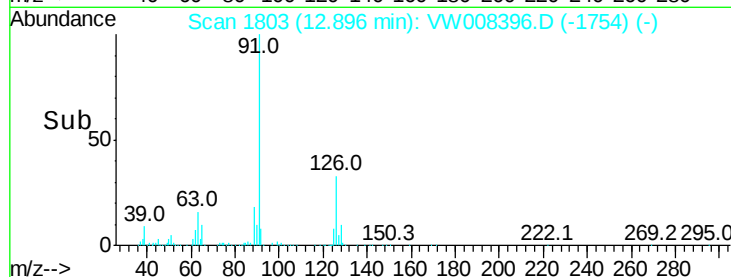
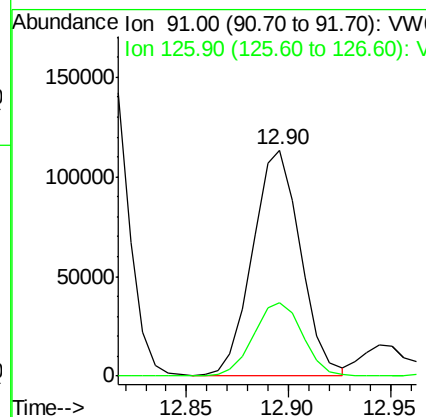
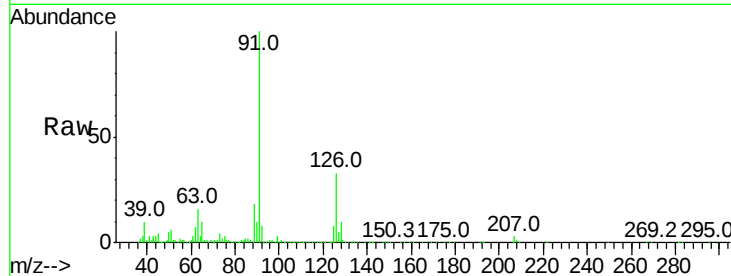




#79
2-Chlorotoluene
Concen: 8.801 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

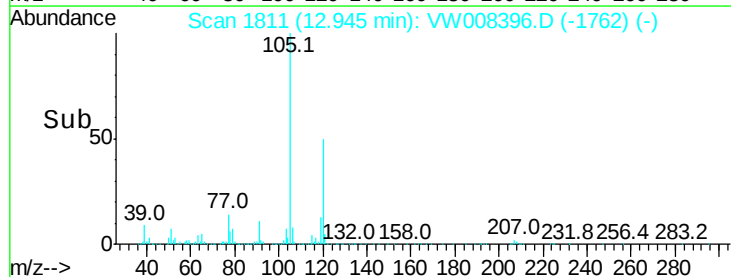
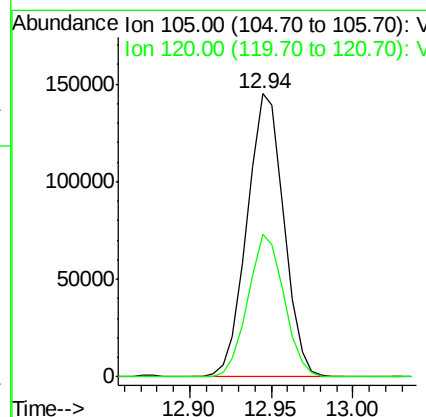
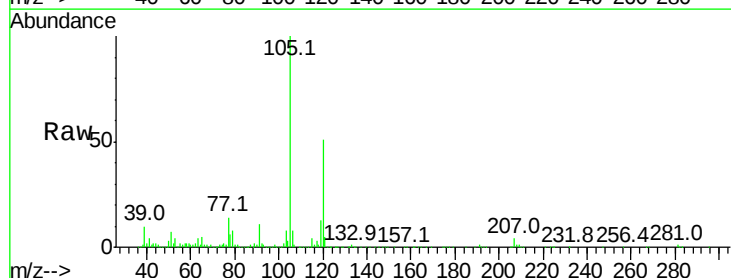
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

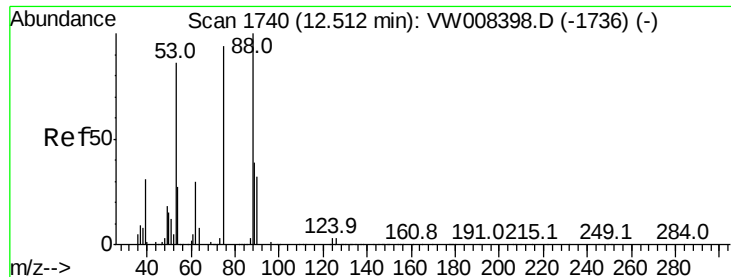
Tgt Ion: 91 Resp: 184365
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 8.998 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008396.D
Acq: 24 Jan 2019 14:50

Tgt Ion: 105 Resp: 227459
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.059 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

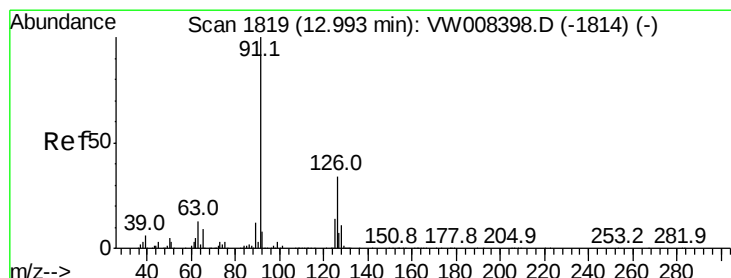
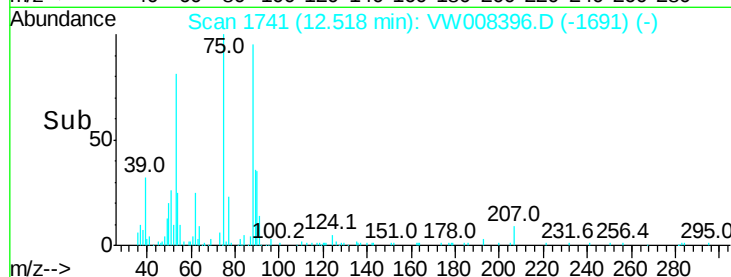
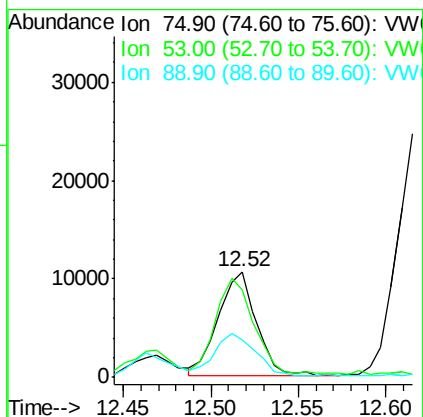
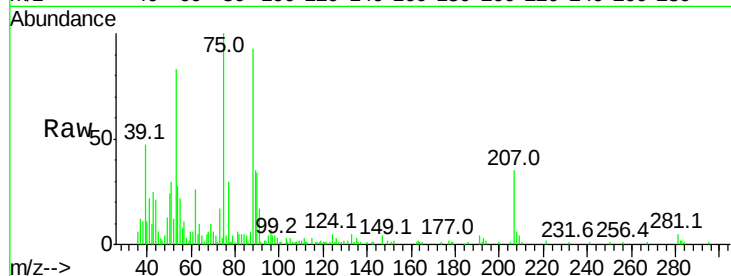
Tgt Ion: 75 Resp: 15958

Ion Ratio Lower Upper

75 100

53 95.0 76.0 114.0

89 44.1 35.4 53.0



#82

4-Chlorotoluene

Concen: 8.908 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008396.D

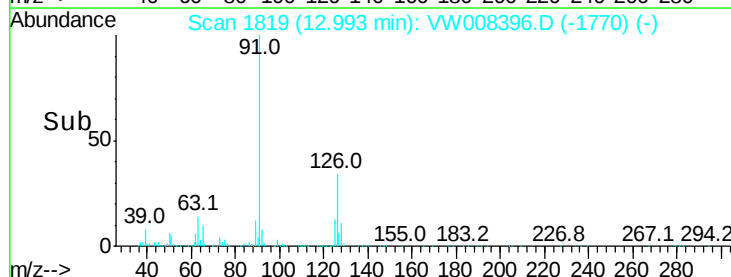
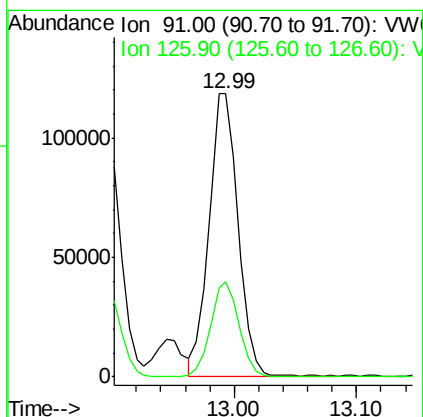
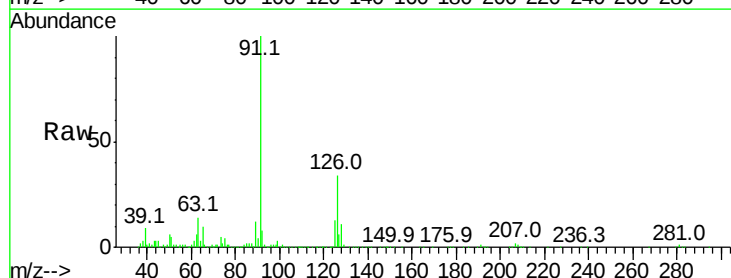
Acq: 24 Jan 2019 14:50

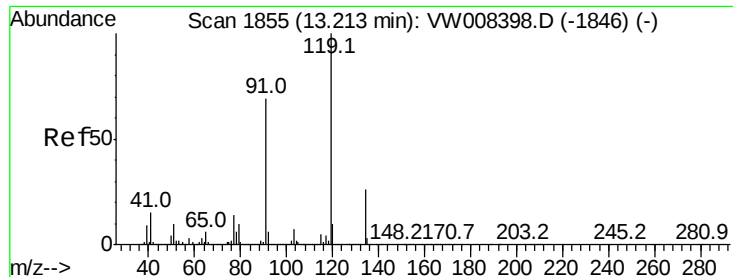
Tgt Ion: 91 Resp: 195015

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2





#83

tert-Butylbenzene

Concen: 9.154 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

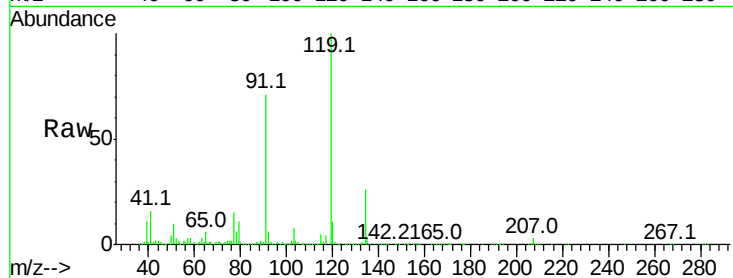
Tgt Ion:119 Resp: 203658

Ion Ratio Lower Upper

119 100

91 66.9 33.8 101.4

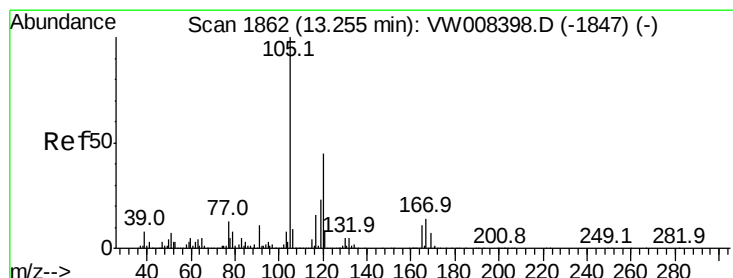
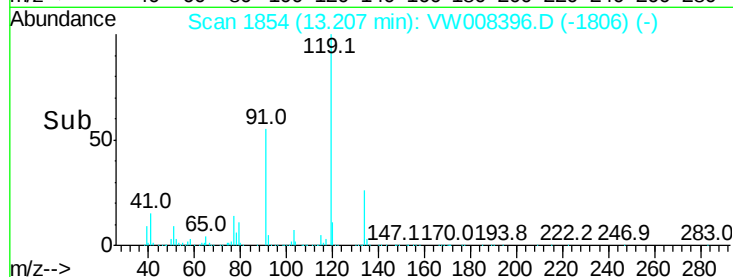
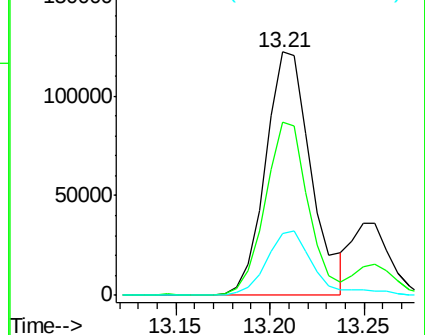
134 27.5 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.011 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008396.D

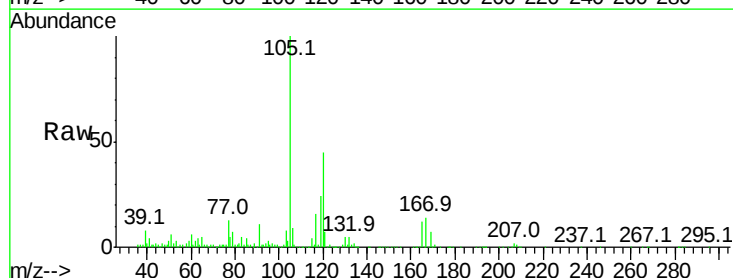
Acq: 24 Jan 2019 14:50

Tgt Ion:105 Resp: 232034

Ion Ratio Lower Upper

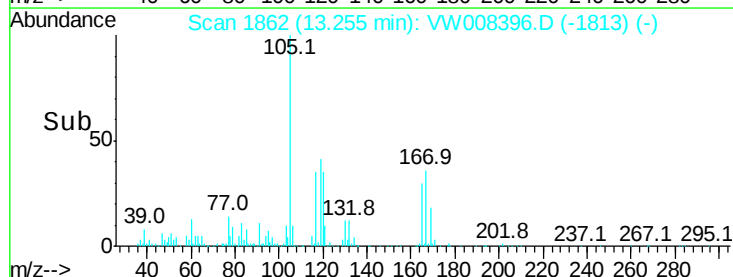
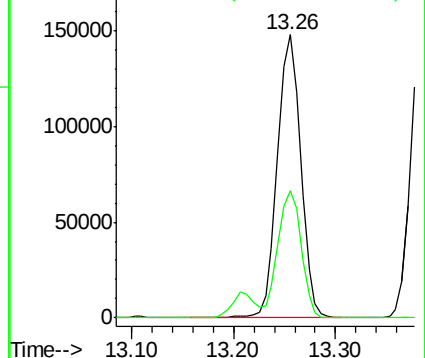
105 100

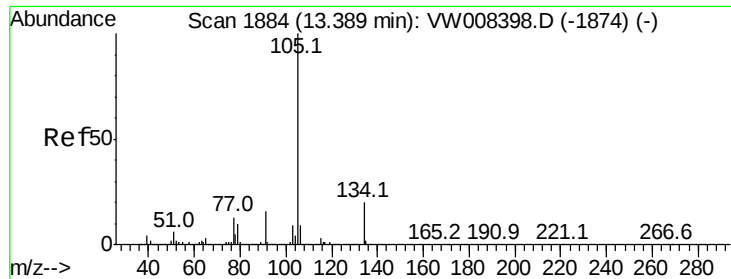
120 45.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

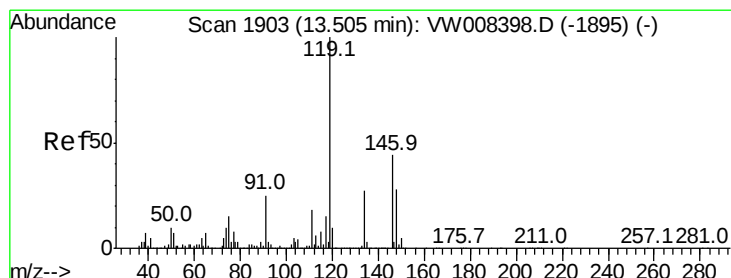
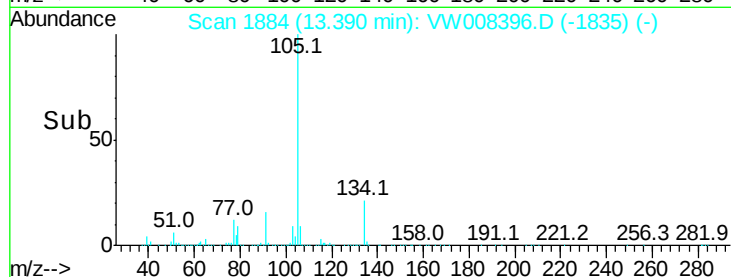
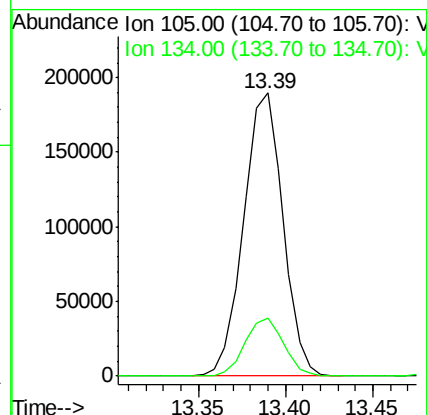
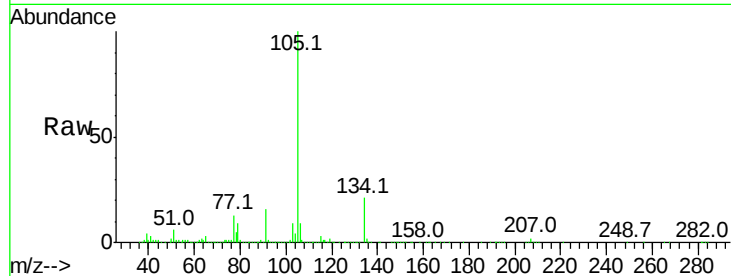




#85
 sec-Butylbenzene
 Concen: 9.237 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

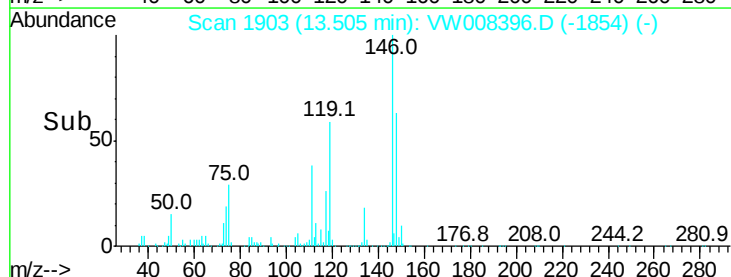
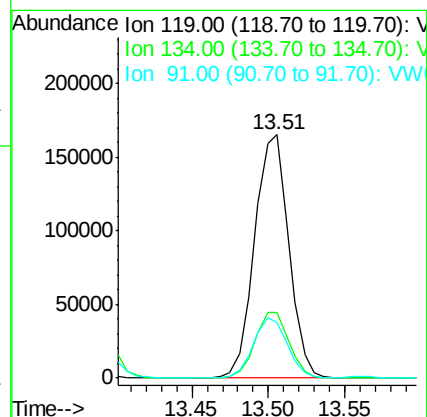
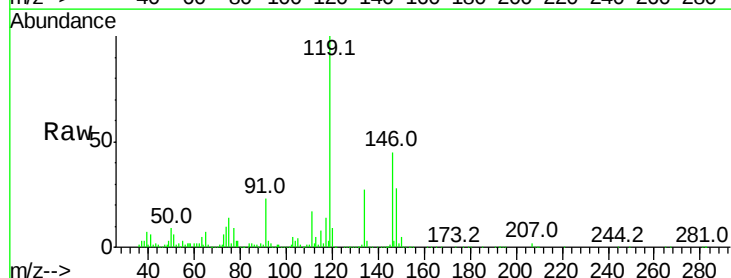
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

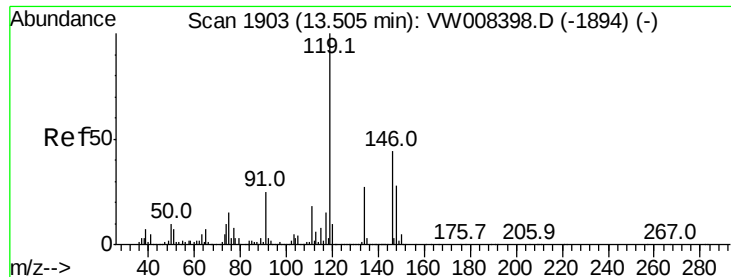
Tgt Ion:105 Resp: 295058
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 9.195 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:119 Resp: 256554
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 24.4 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 8.453 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

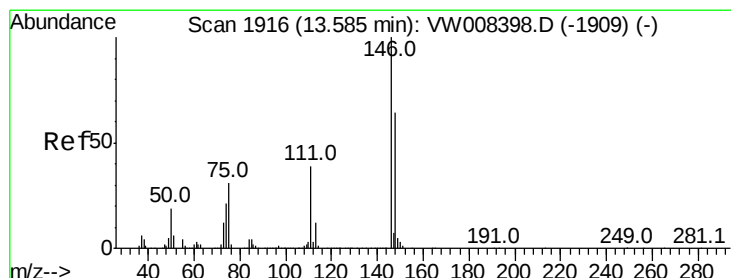
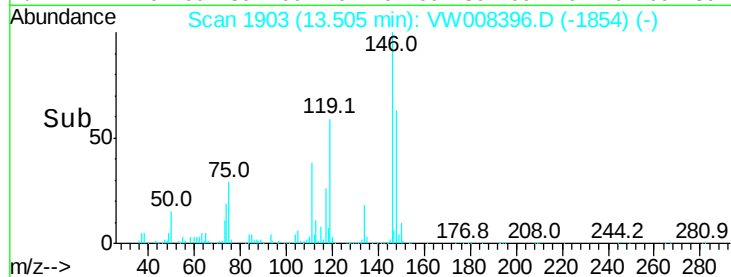
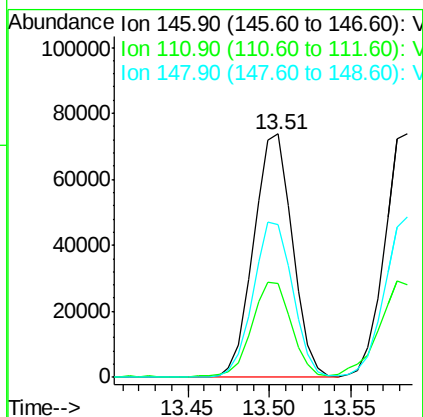
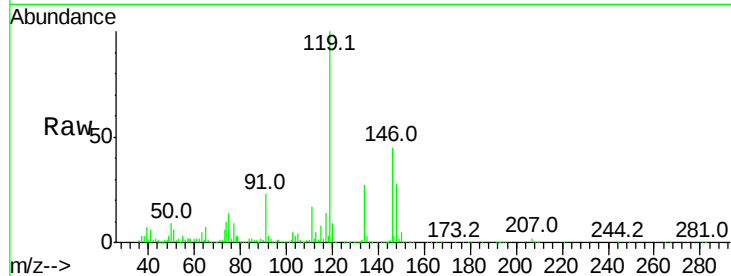
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 122209

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	65.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 8.357 ug/l

RT: 13.58 min Scan# 1916

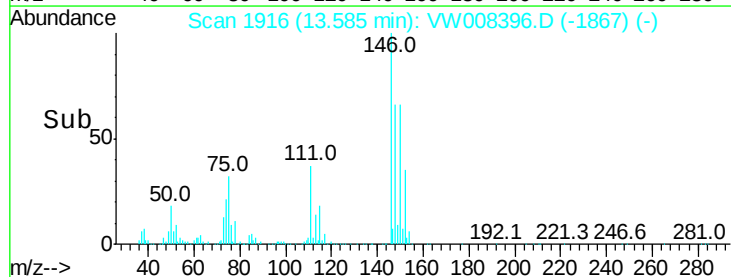
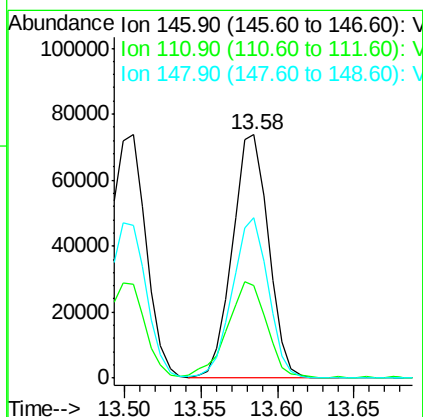
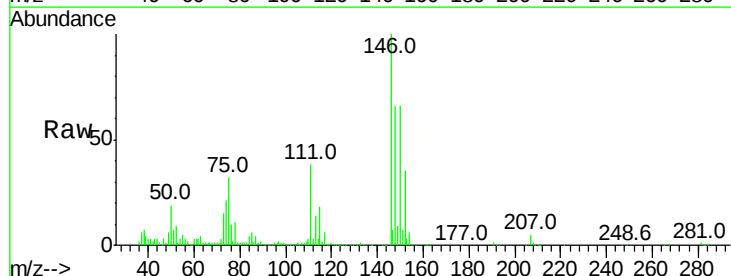
Delta R.T. 0.00 min

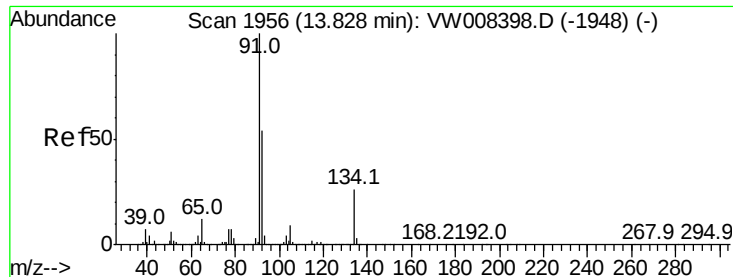
Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Tgt Ion:146 Resp: 121038

Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.0	60.0
148	65.4	32.0	96.2





#89

n-Butylbenzene

Concen: 9.311 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

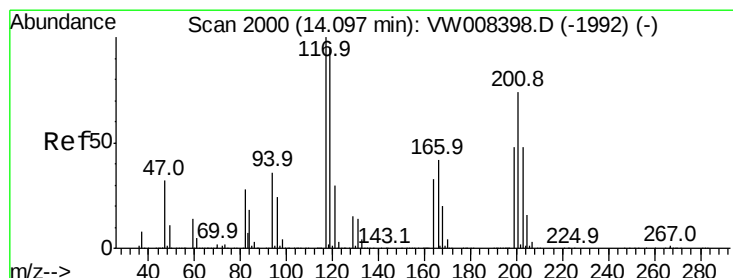
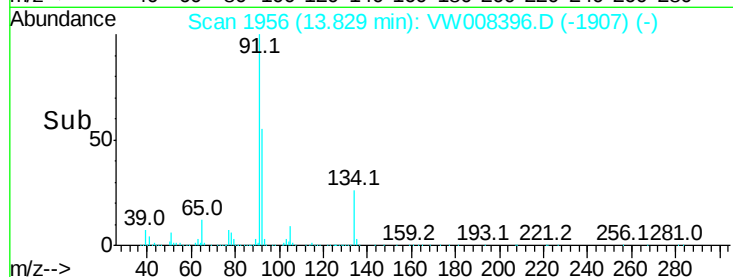
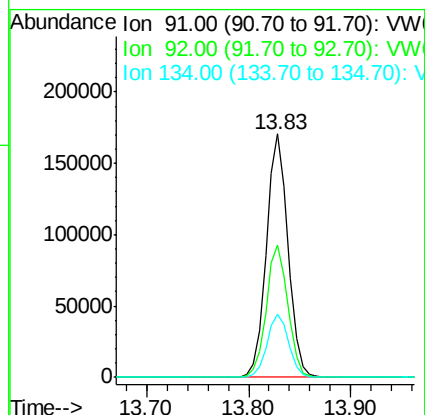
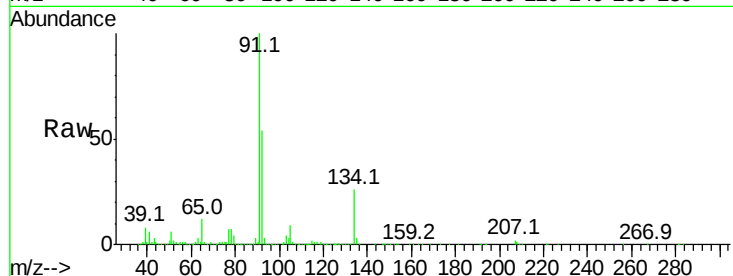
Tgt Ion: 91 Resp: 249197

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

134 25.9 13.0 39.0



#90

Hexachloroethane

Concen: 9.801 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008396.D

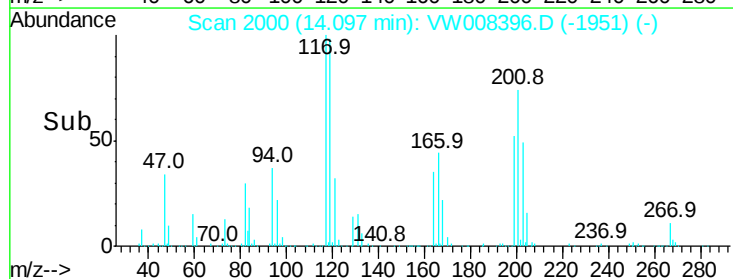
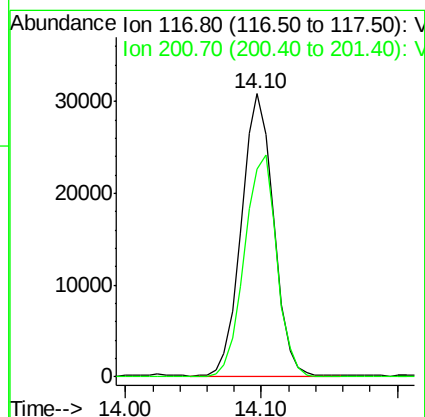
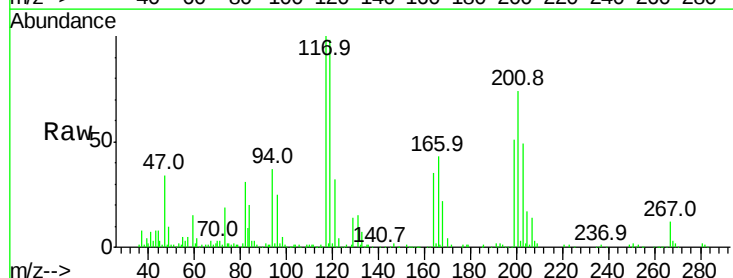
Acq: 24 Jan 2019 14:50

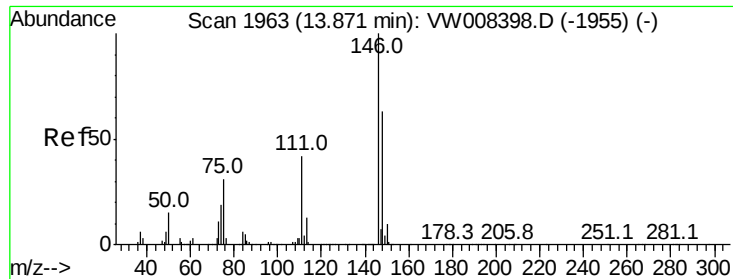
Tgt Ion: 117 Resp: 50604

Ion Ratio Lower Upper

117 100

201 79.4 39.1 117.5

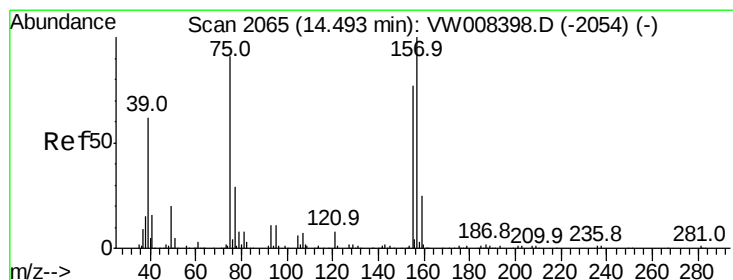
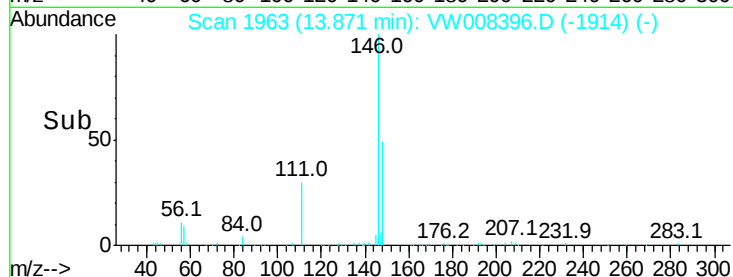
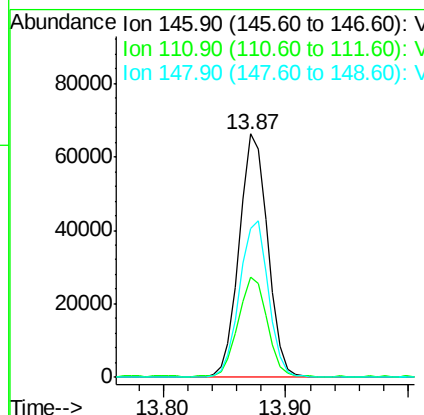
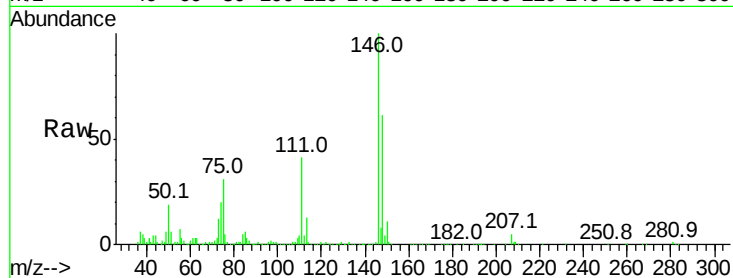




#91
 1,2-Dichlorobenzene
 Concen: 8.388 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

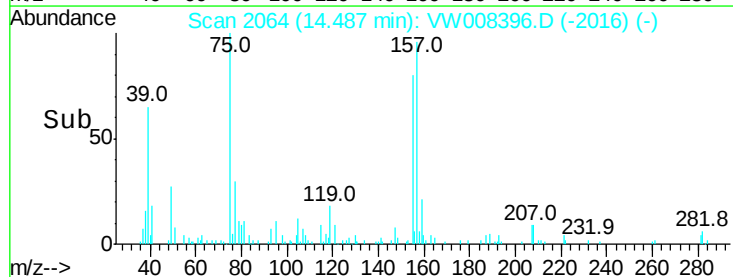
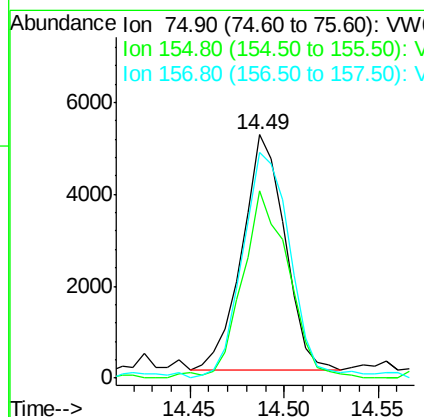
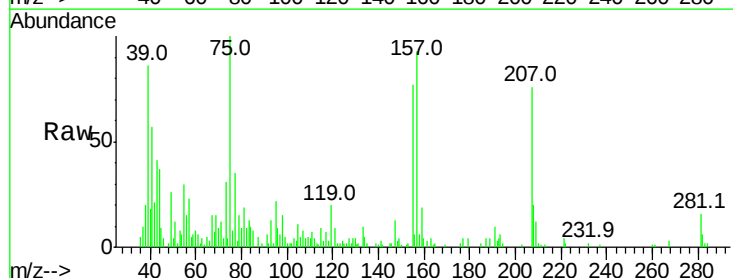
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

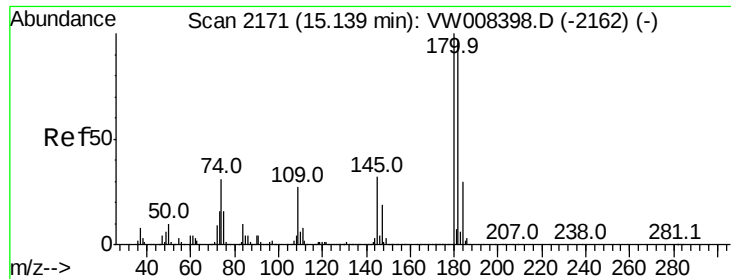
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.676 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.7	128.1
157	105.8	55.5	166.3

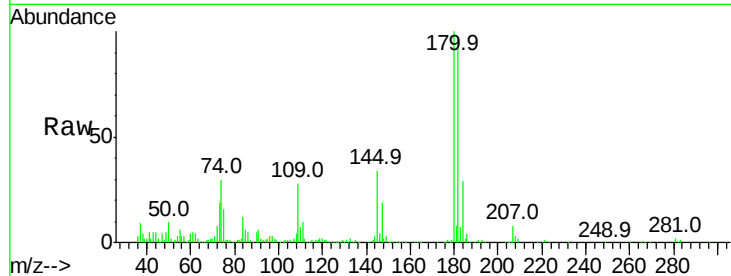




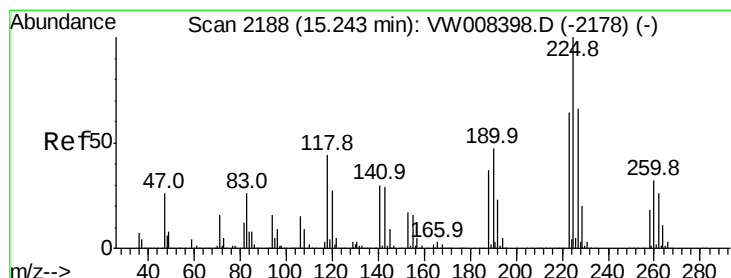
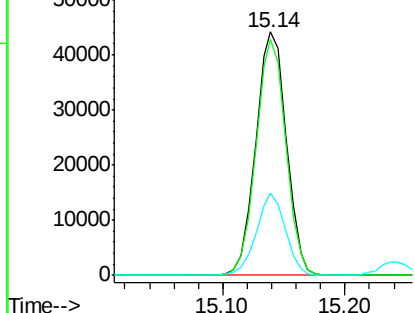
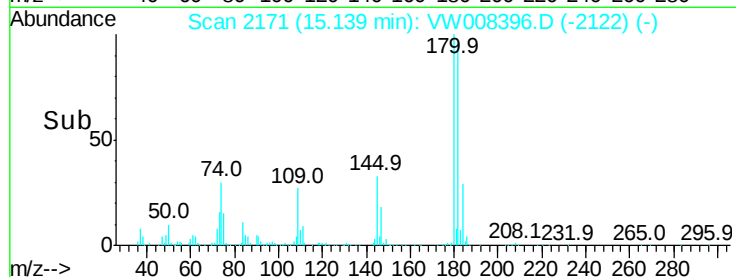
#93
 1,2,4-Trichlorobenzene
 Concen: 8.907 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 76959
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.7
 145 32.3 15.5 46.5

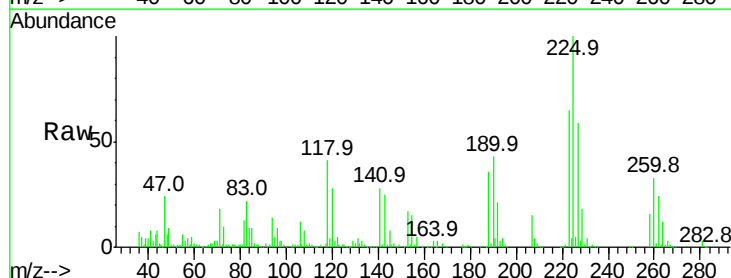


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

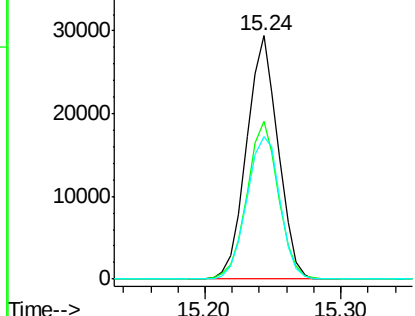
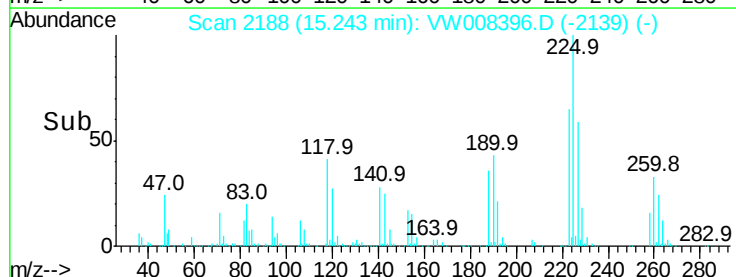


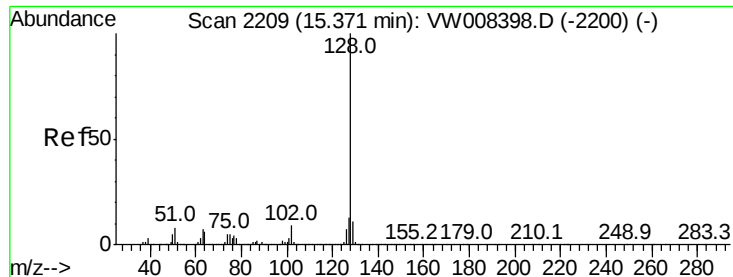
#94
 Hexachlorobutadiene
 Concen: 9.799 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008396.D
 Acq: 24 Jan 2019 14:50

Tgt Ion:225 Resp: 47716
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.7 95.1
 227 61.8 32.1 96.3



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





#95

Naphthalene

Concen: 8.874 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

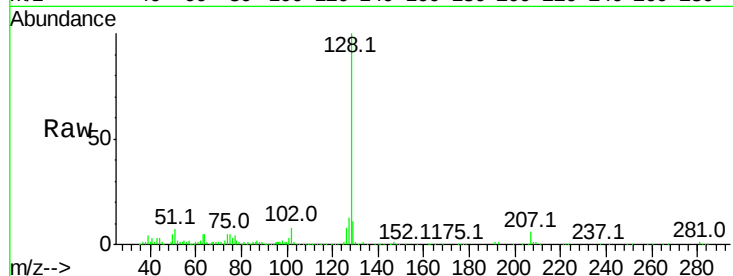
Tgt Ion:128 Resp: 128121

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

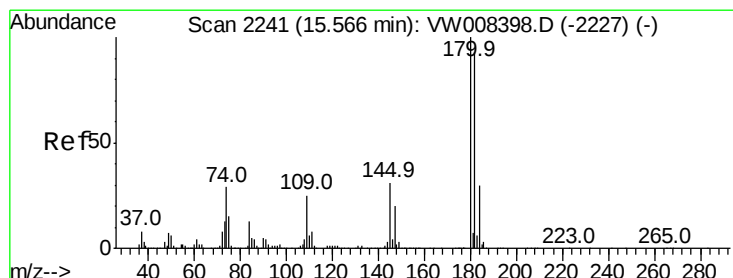
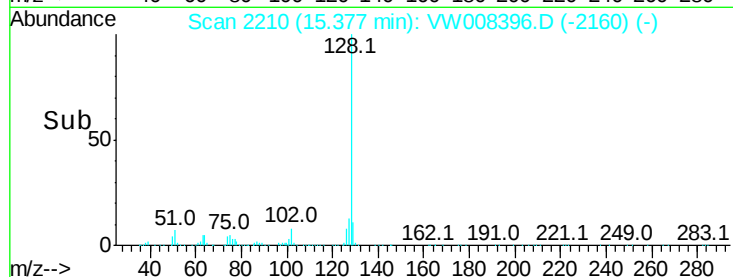
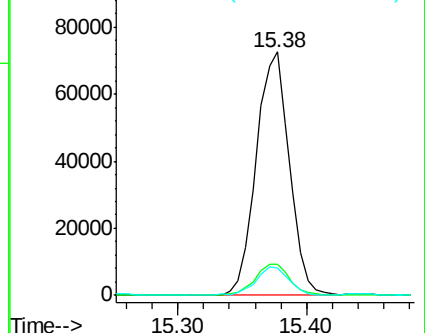
129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.394 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW008396.D

Acq: 24 Jan 2019 14:50

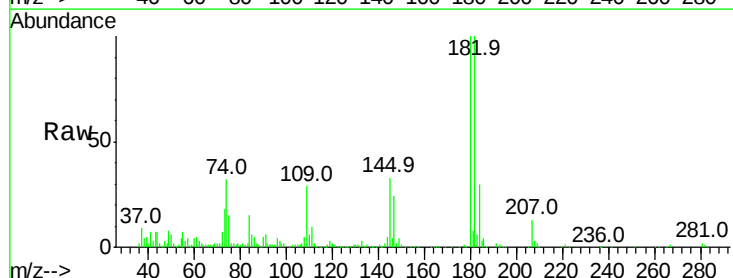
Tgt Ion:180 Resp: 63175

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 34.3 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

