

Data File : VW008398.D
Acq On : 24 Jan 2019 15:42
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jan 25 10:39:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:36:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	583942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	922659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	832059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	434057	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	289705	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	7.88	113	275695	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.32	98	1105872	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.62	95	417487	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	173236	47.082	ug/l	99
3) Chloromethane	2.21	50	246727	45.744	ug/l	99
4) Vinyl Chloride	2.37	62	331492	48.101	ug/l	92
5) Bromomethane	2.78	94	203131	38.894	ug/l	92
6) Chloroethane	2.93	64	197842	43.860	ug/l	97
7) Trichlorofluoromethane	3.26	101	259074	51.199	ug/l	97
8) Diethyl Ether	3.68	74	153321	43.695	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	285820	48.517	ug/l	99
10) Methyl Iodide	4.26	142	449490	47.308	ug/l	99
11) Tert butyl alcohol	5.17	59	116584	285.055	ug/l	99
12) 1,1-Dichloroethene	4.04	96	284192	47.431	ug/l	97
13) Acrolein	3.89	56	92032	248.160	ug/l	94
14) Allyl chloride	4.66	41	546269	54.536	ug/l	94
15) Acrylonitrile	5.36	53	337317	250.258	ug/l	99
16) Acetone	4.12	43	330264	234.116	ug/l	95
17) Carbon Disulfide	4.37	76	924158	50.689	ug/l	98
18) Methyl Acetate	4.67	43	185617	49.258	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	472631	51.530	ug/l	95
20) Methylene Chloride	4.91	84	290646	38.799	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	317586	47.193	ug/l	99
22) Diisopropyl ether	6.31	45	1020174	52.167	ug/l	98
23) Vinyl Acetate	6.25	43	3031551	290.003	ug/l	97
24) 1,1-Dichloroethane	6.21	63	578107	48.551	ug/l	100
25) 2-Butanone	7.17	43	479775	265.537	ug/l	97
26) 2,2-Dichloropropane	7.16	77	385188	50.691	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	345505	47.387	ug/l	94
28) Bromochloromethane	7.51	49	238632	48.644	ug/l #	97
29) Tetrahydrofuran	7.53	42	307199	272.728	ug/l	96
30) Chloroform	7.67	83	572839	48.623	ug/l	99
31) Cyclohexane	7.95	56	571756	50.397	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	492920	49.854	ug/l	98
36) 1,1-Dichloropropene	8.08	75	477713	51.463	ug/l	99
37) Ethyl Acetate	7.25	43	213899	55.878	ug/l	96
38) Carbon Tetrachloride	8.07	117	472713	51.571	ug/l	98

Data File : VW008398.D
Acq On : 24 Jan 2019 15:42
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jan 25 10:39:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:36:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624123	56.524	ug/l	96
40) Benzene	8.32	78	1305974	49.666	ug/l	99
41) Methacrylonitrile	7.48	41	125417	56.281	ug/l	97
42) 1,2-Dichloroethane	8.40	62	373792	50.837	ug/l	99
43) Isopropyl Acetate	8.43	43	440826	60.965	ug/l	94
44) Trichloroethene	9.09	130	350529	48.657	ug/l	96
45) 1,2-Dichloropropane	9.37	63	323836	49.580	ug/l	97
46) Dibromomethane	9.46	93	165520	48.622	ug/l	97
47) Bromodichloromethane	9.65	83	438453	52.215	ug/l	99
48) Methyl methacrylate	9.43	41	209048	61.414	ug/l	95
49) 1,4-Dioxane	9.45	88	56930	1038.841	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1061198	289.837	ug/l	97
52) Toluene	10.39	92	853519	51.291	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	472751	56.408	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	532969	53.946	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	229374	48.579	ug/l	97
56) Ethyl methacrylate	10.65	69	323103	58.267	ug/l	91
57) 1,3-Dichloropropane	10.93	76	411835	50.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	695243	259.928	ug/l	99
59) 2-Hexanone	10.97	43	758910	295.828	ug/l	96
60) Dibromochloromethane	11.13	129	295828	52.497	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227740	49.810	ug/l	99
64) Tetrachloroethene	10.87	164	299501	51.335	ug/l	96
65) Chlorobenzene	11.66	112	905425	49.888	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	327008	52.351	ug/l	98
67) Ethyl Benzene	11.73	91	1673854	53.117	ug/l	98
68) m/p-Xylenes	11.84	106	1301298	106.389	ug/l	96
69) o-Xylene	12.17	106	611389	53.502	ug/l	96
70) Styrene	12.18	104	1013209	55.199	ug/l	97
71) Bromoform	12.35	173	184082	59.158	ug/l #	98
73) Isopropylbenzene	12.47	105	1712108	54.135	ug/l	99
74) N-amyl acetate	12.27	43	442186	65.241	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	271098	50.395	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	389015	98.416	ug/l	23
77) Bromobenzene	12.75	156	369593	48.652	ug/l	91
78) n-propylbenzene	12.81	91	2080174	54.341	ug/l	98
79) 2-Chlorotoluene	12.90	91	1163475	53.196	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	1442719	54.666	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	102409	61.828	ug/l	99
82) 4-Chlorotoluene	12.99	91	1242354	54.357	ug/l	95
83) tert-Butylbenzene	13.21	119	1277343	54.990	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1460006	54.305	ug/l	99
85) sec-Butylbenzene	13.39	105	1839198	55.147	ug/l	100
86) p-Isopropyltoluene	13.51	119	1616628	55.499	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	761644	50.461	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	752840	49.785	ug/l	98
89) n-Butylbenzene	13.83	91	1595547	57.104	ug/l	99
90) Hexachloroethane	14.10	117	316763	58.761	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	670577	50.320	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50148	57.011	ug/l	97

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

Data File : VW008398.D
Acq On : 24 Jan 2019 15:42
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jan 25 10:39:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:36:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	475946	52.759	ug/l	99
94) Hexachlorobutadiene	15.24	225	283309	55.724	ug/l	97
95) Naphthalene	15.37	128	851875	56.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	407279	51.833	ug/l	99

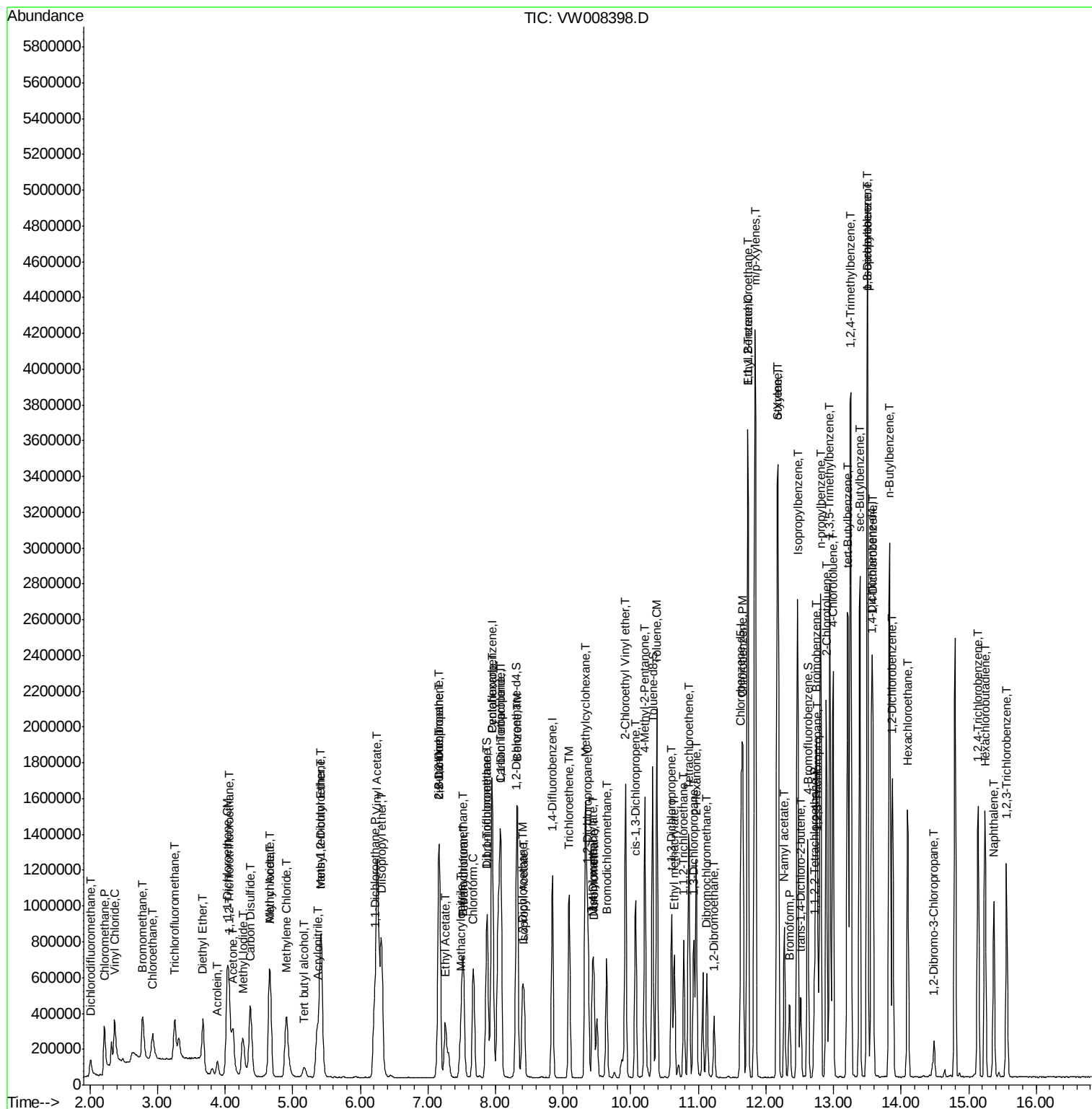
(#) = qualifier out of range (m) = manual integration (+) = signals summed

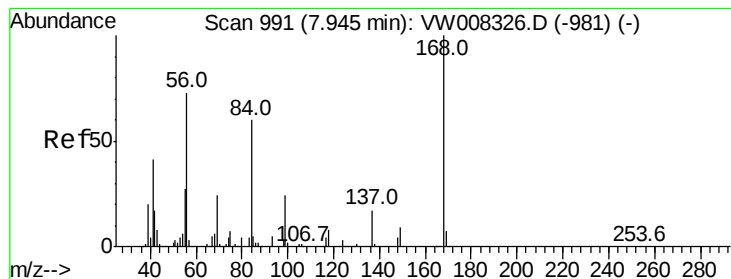
Data File : VW008398.D

```
Acq On       : 24 Jan 2019   15:42
Operator    : SY/VA
Sample      : VSTDICCC050
Misc       : 5.00G/5ML/MSV0A_W/SOIL
ALS Vial    : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jan 25 10:39:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:36:23 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: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

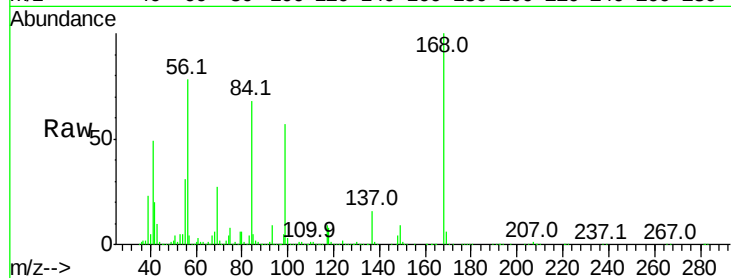
VSTDICCC050

Tgt Ion:168 Resp: 583942

Ion Ratio Lower Upper

168 100

99 56.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

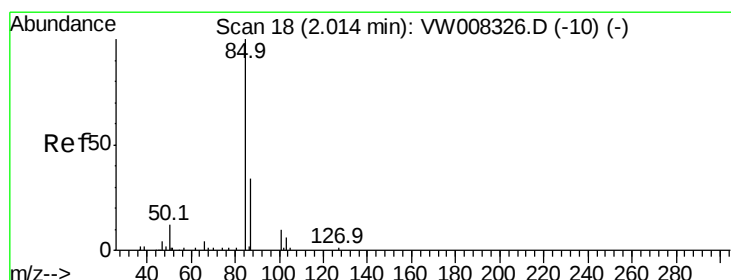
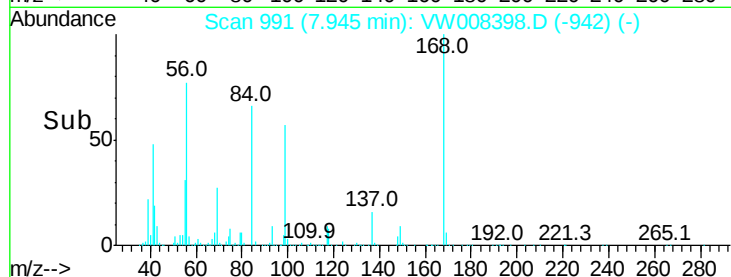
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.082 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008398.D

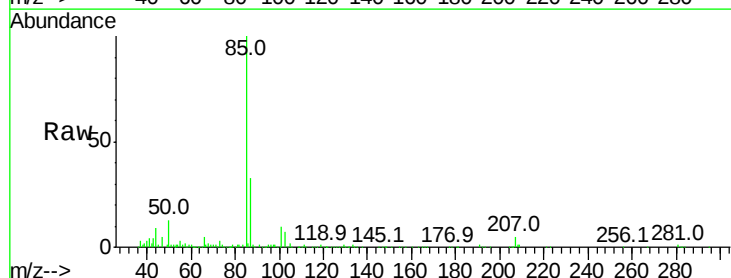
Acq: 24 Jan 2019 15:42

Tgt Ion: 85 Resp: 173236

Ion Ratio Lower Upper

85 100

87 33.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

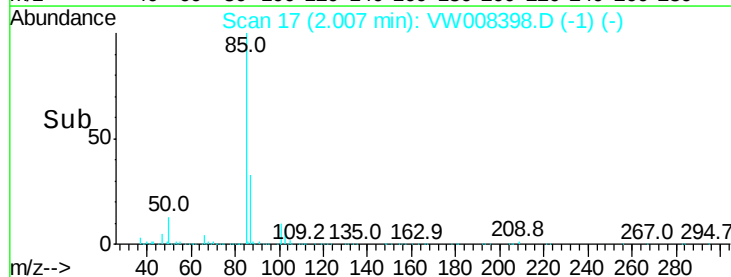
30000

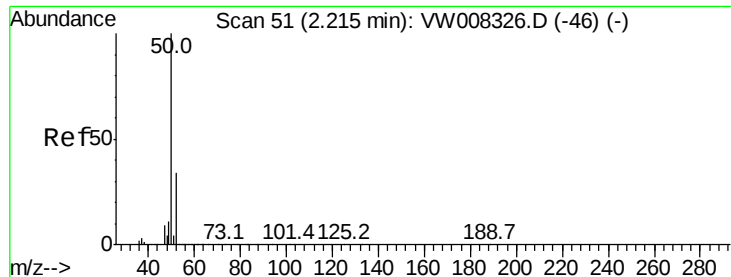
20000

10000

0

Time-->





#3

Chloromethane

Concen: 45.744 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

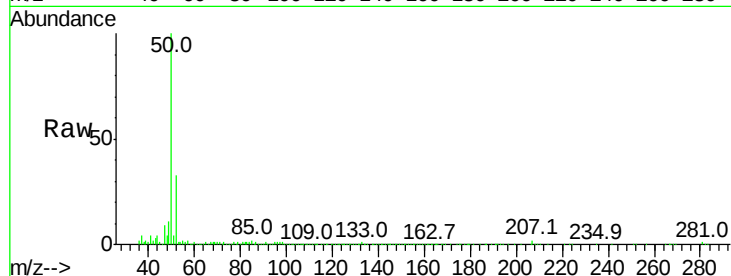
VSTDICCC050

Tgt Ion: 50 Resp: 246727

Ion Ratio Lower Upper

50 100

52 32.9 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150000

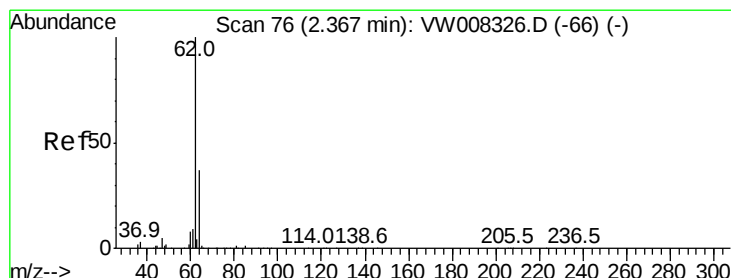
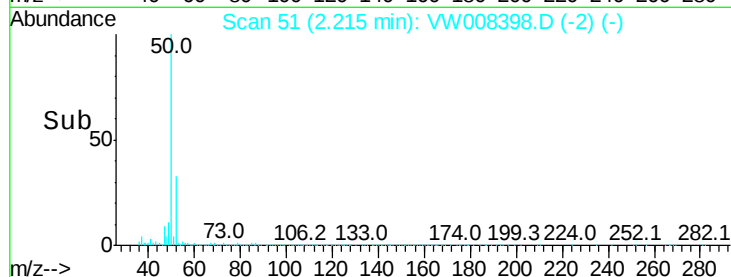
100000

50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 48.101 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008398.D

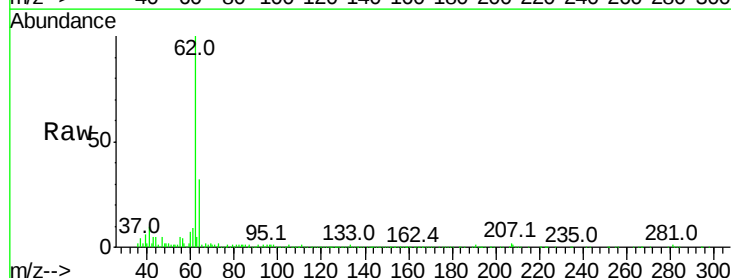
Acq: 24 Jan 2019 15:42

Tgt Ion: 62 Resp: 331492

Ion Ratio Lower Upper

62 100

64 31.9 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

150000

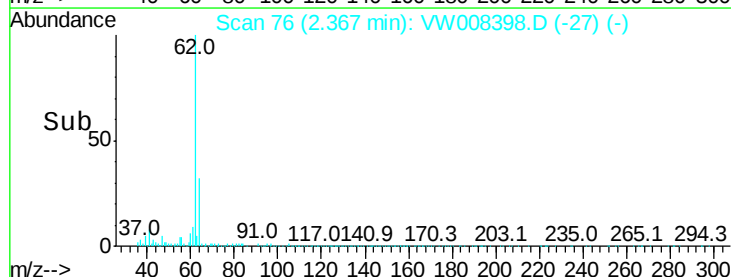
100000

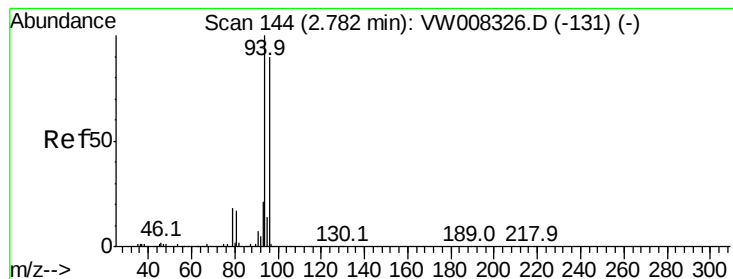
50000

0

Time-->

2.20 2.30 2.40 2.50 2.60





#5

Bromomethane

Concen: 38.894 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

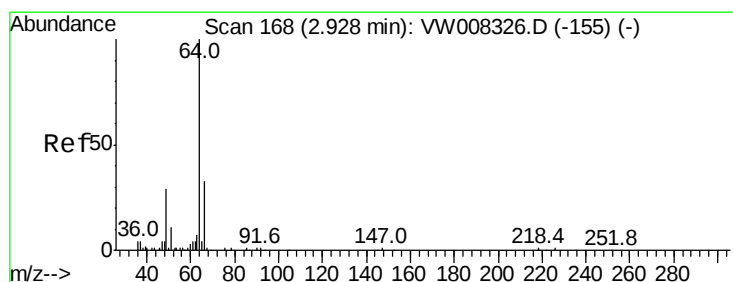
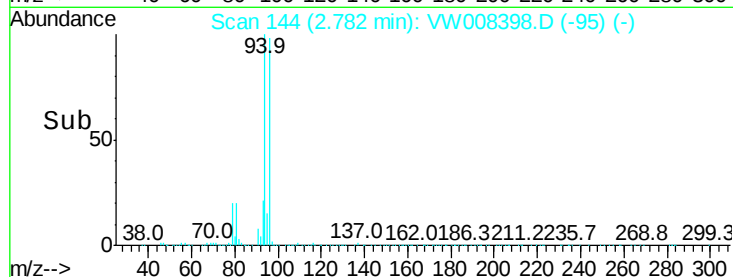
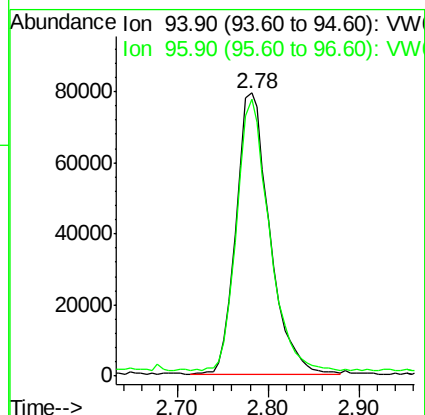
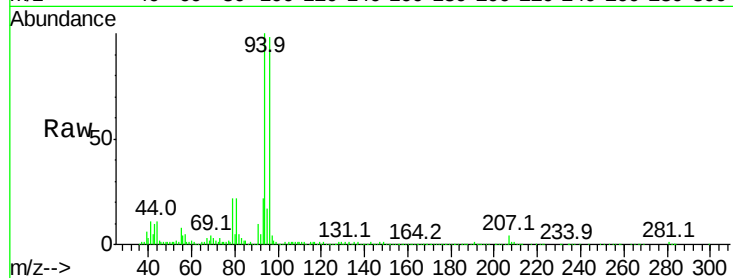
VSTDICCC050

Tgt Ion: 94 Resp: 203131

Ion Ratio Lower Upper

94 100

96 96.5 71.4 107.0



#6

Chloroethane

Concen: 43.860 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008398.D

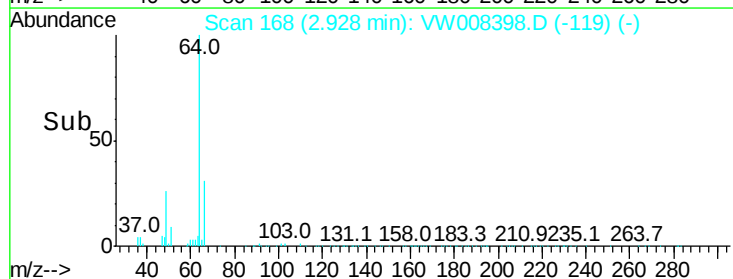
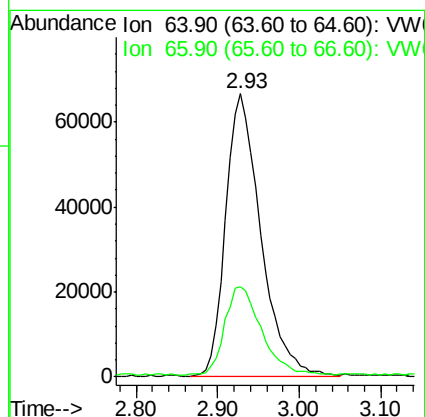
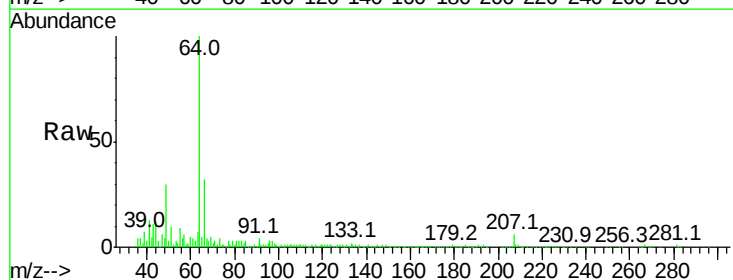
Acq: 24 Jan 2019 15:42

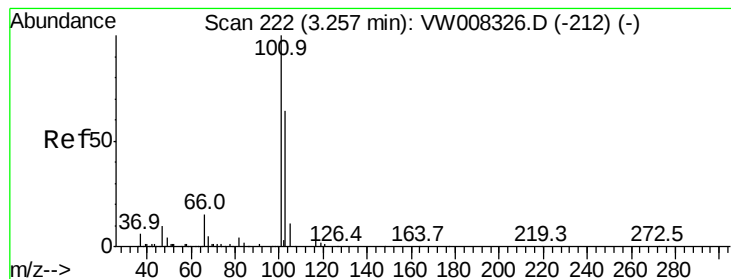
Tgt Ion: 64 Resp: 197842

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.4



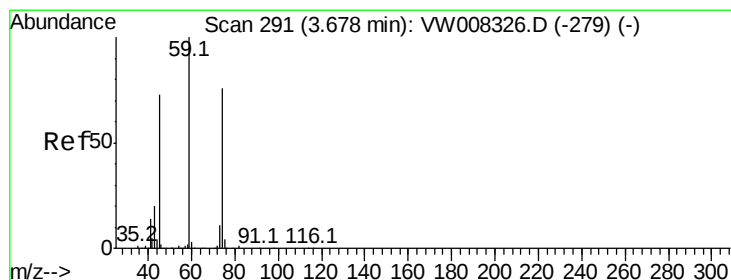
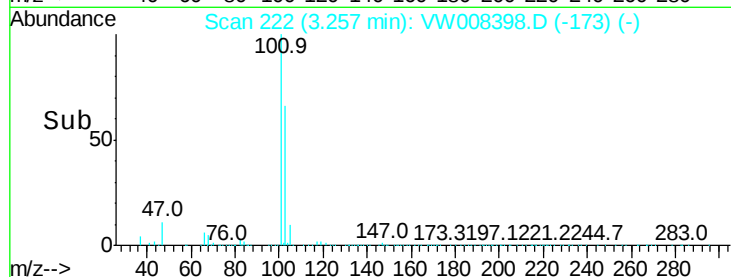
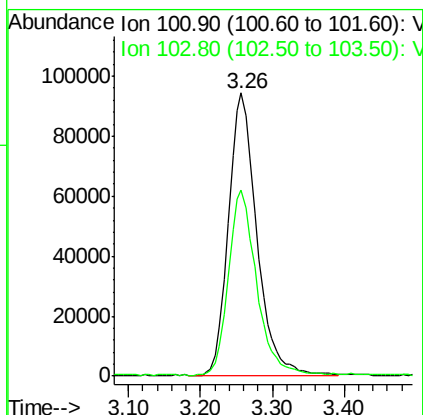
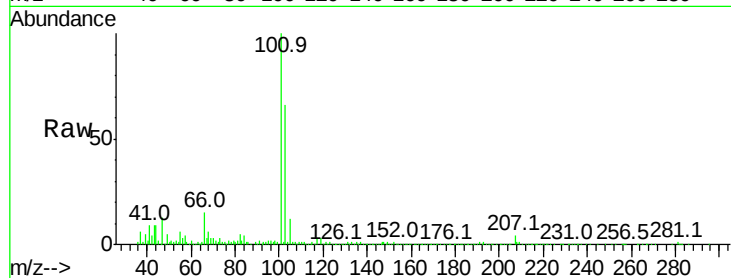


#7

Trichlorofluoromethane
 Concen: 51.199 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

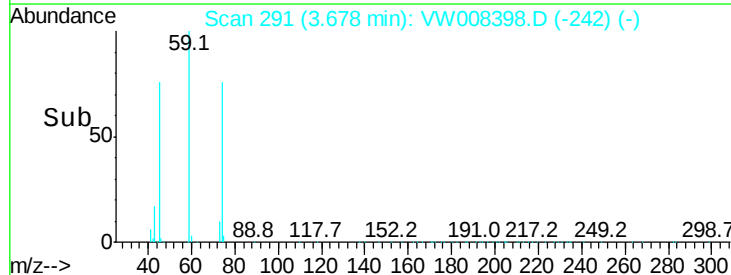
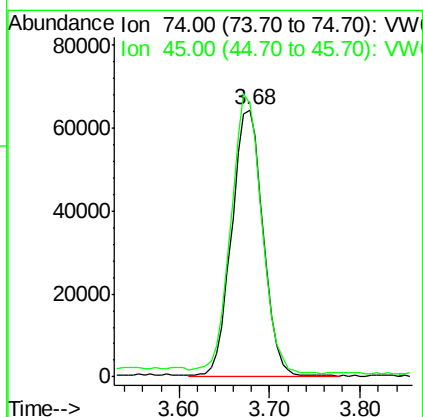
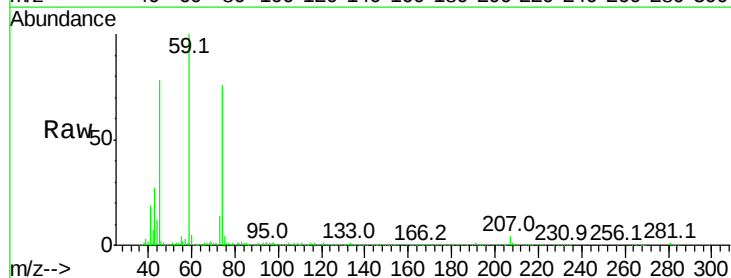
Tgt Ion:101 Resp: 259074
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.9 76.3

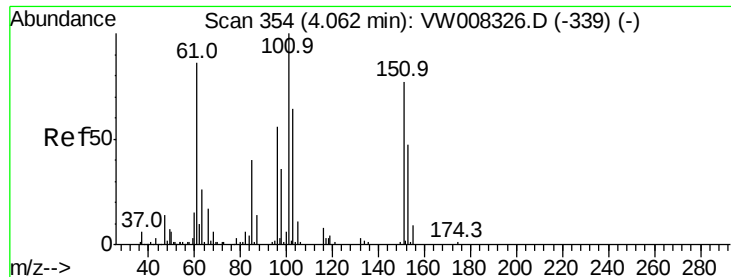


#8

Diethyl Ether
 Concen: 43.695 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion: 74 Resp: 153321
 Ion Ratio Lower Upper
 74 100
 45 103.5 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.517 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

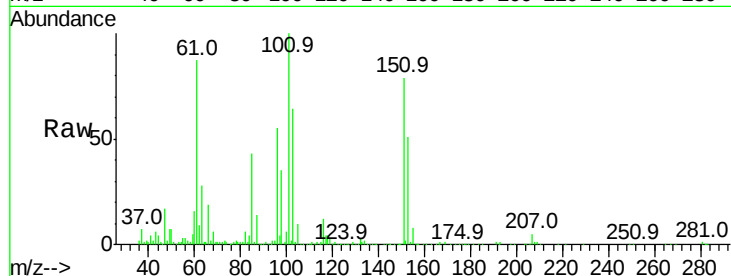
Tgt Ion:101 Resp: 285820

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

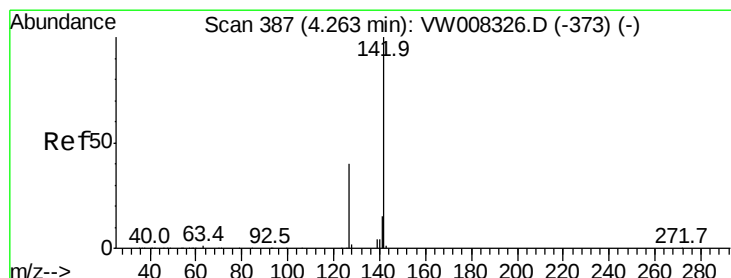
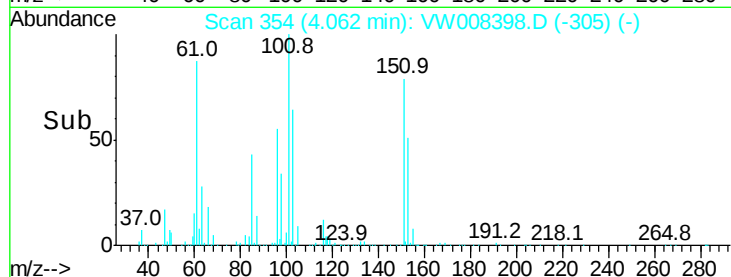
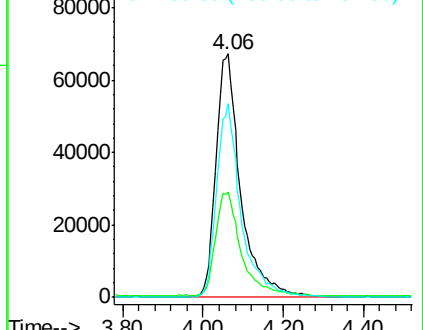
151 78.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.308 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

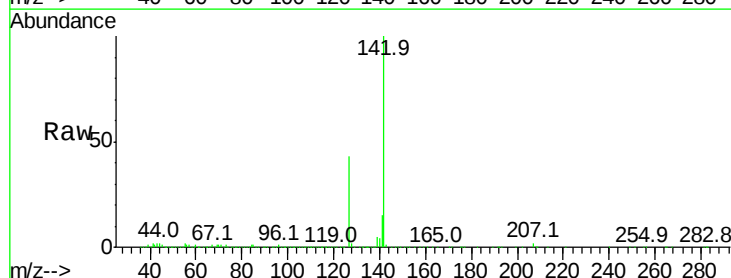
Tgt Ion:142 Resp: 449490

Ion Ratio Lower Upper

142 100

127 43.3 34.3 51.5

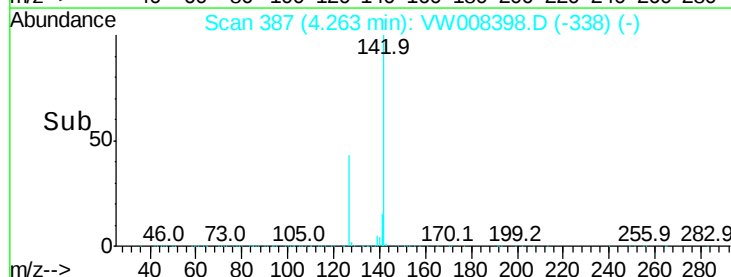
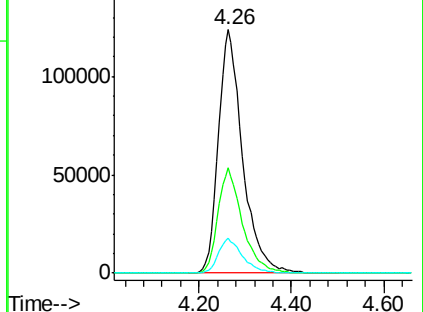
141 14.3 12.2 18.2

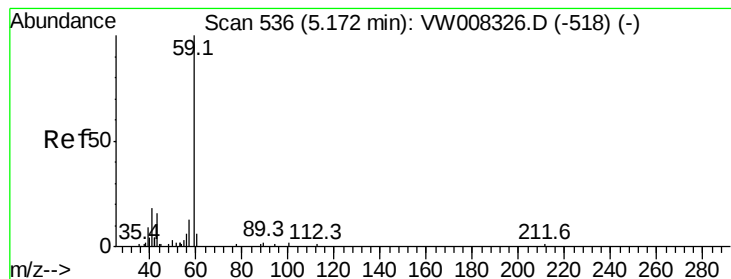


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



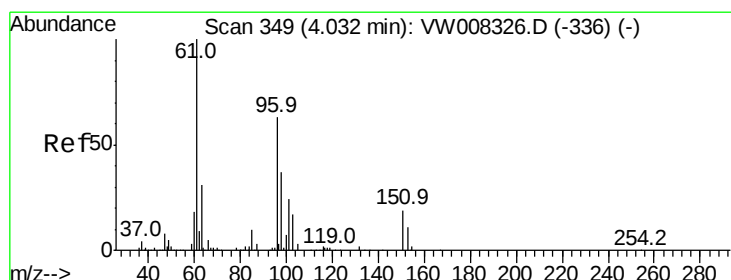
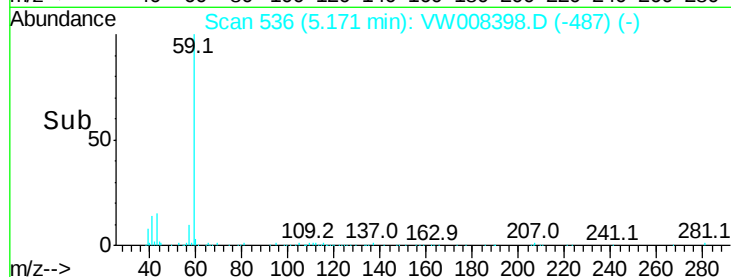
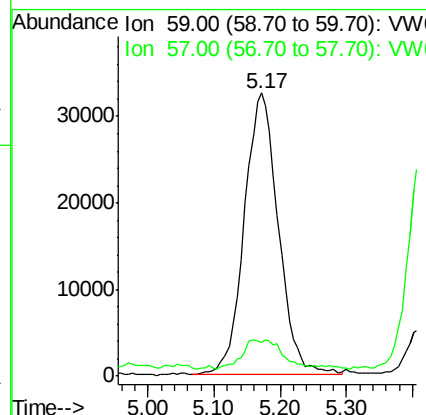
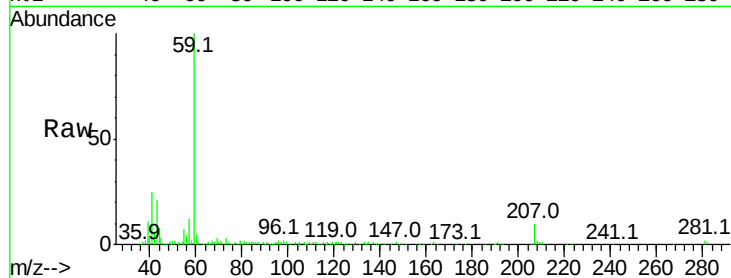


#11

Tert butyl alcohol
Concen: 285.055 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

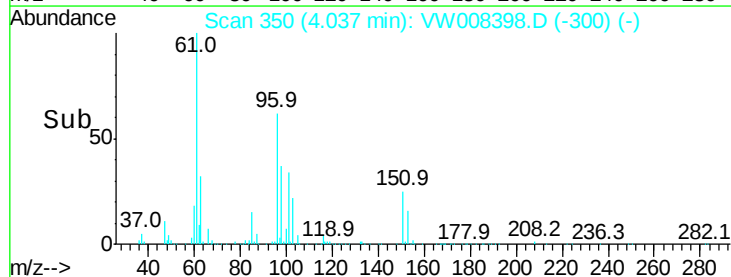
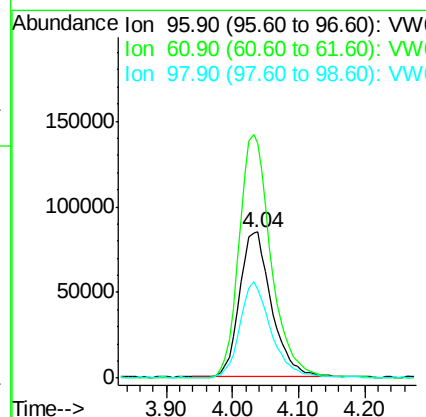
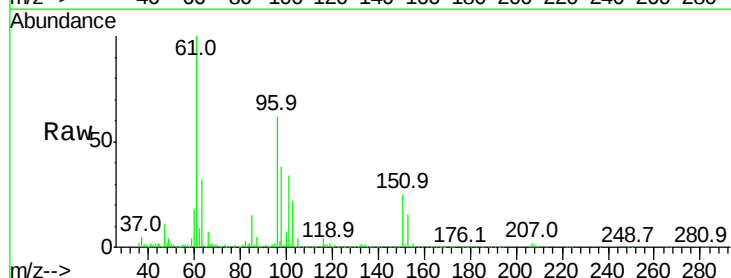
Tgt Ion: 59 Resp: 116584
Ion Ratio Lower Upper
59 100
57 11.6 9.4 14.2

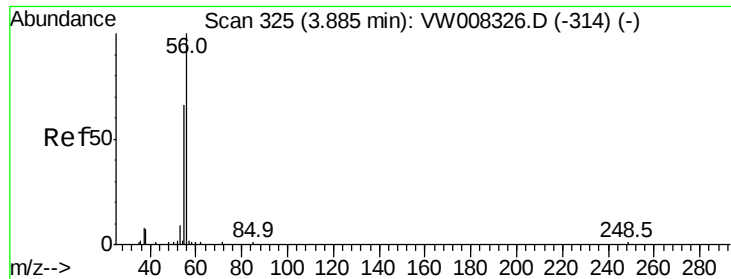


#12

1,1-Dichloroethene
Concen: 47.431 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 96 Resp: 284192
Ion Ratio Lower Upper
96 100
61 161.9 126.4 189.6
98 60.8 46.7 70.1

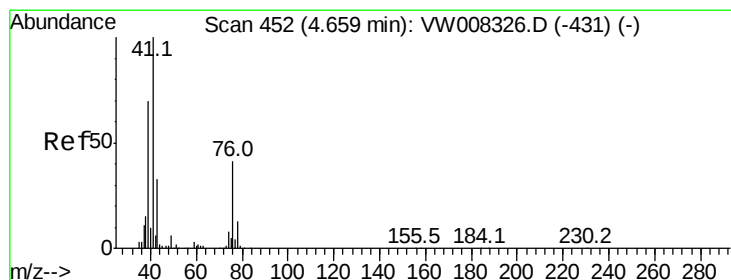
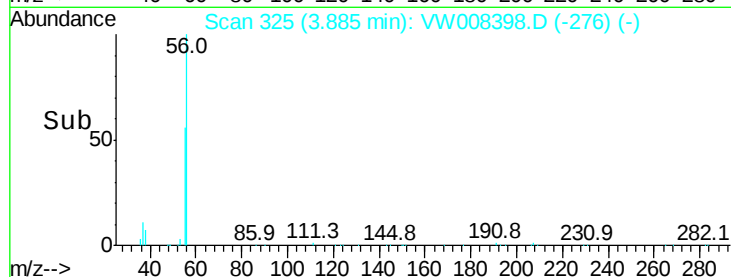
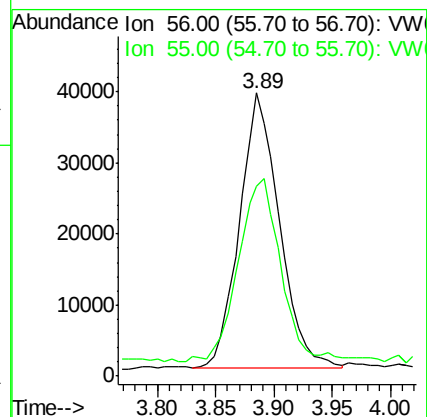
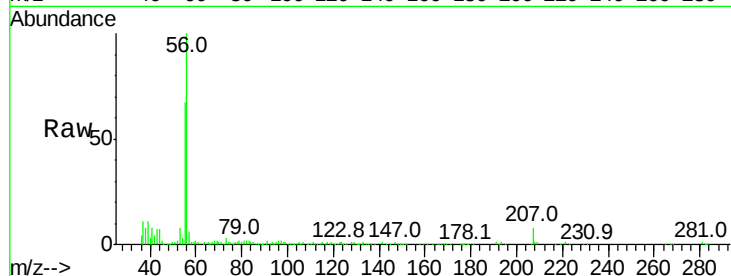




#13
Acrolein
Concen: 248.160 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

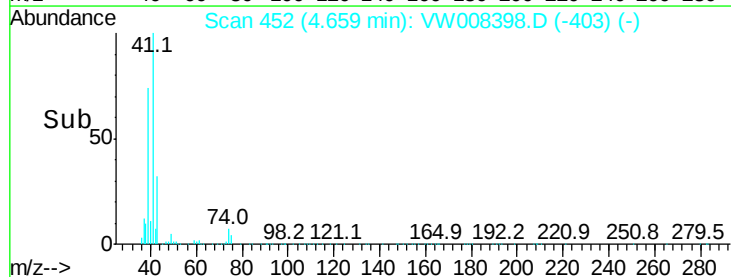
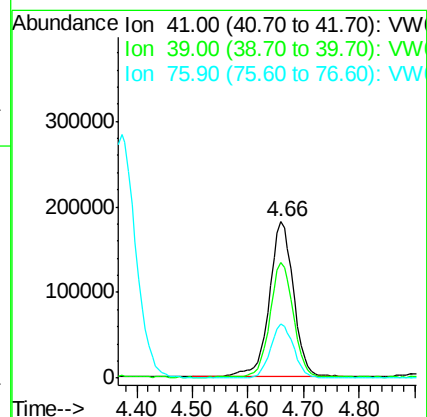
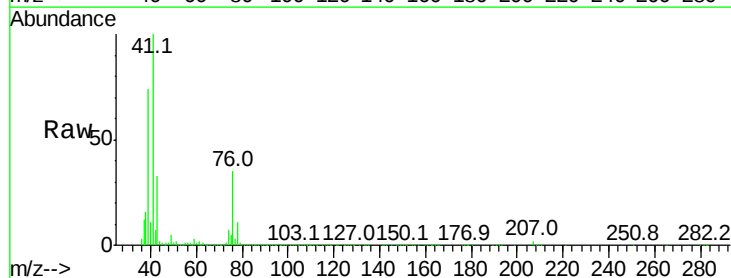
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

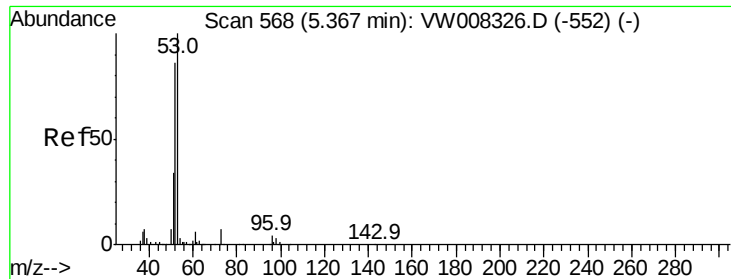
Tgt Ion: 56 Resp: 92032
Ion Ratio Lower Upper
56 100
55 70.9 52.9 79.3



#14
Allyl chloride
Concen: 54.536 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 41 Resp: 546269
Ion Ratio Lower Upper
41 100
39 72.1 54.1 81.1
76 33.6 29.5 44.3





#15

Acrylonitrile

Concen: 250.258 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

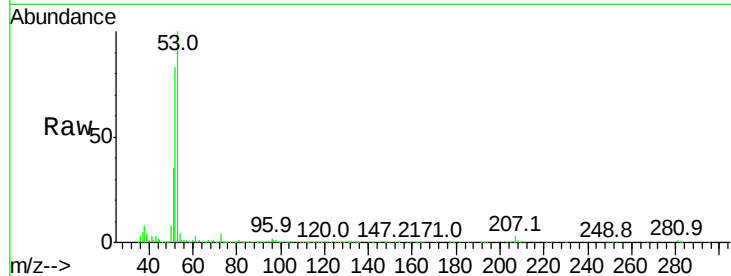
Tgt Ion: 53 Resp: 337317

Ion Ratio Lower Upper

53 100

52 83.7 66.4 99.6

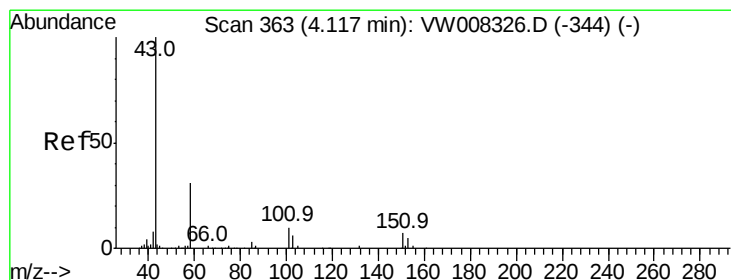
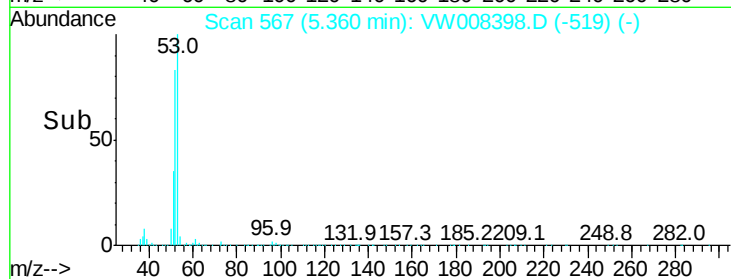
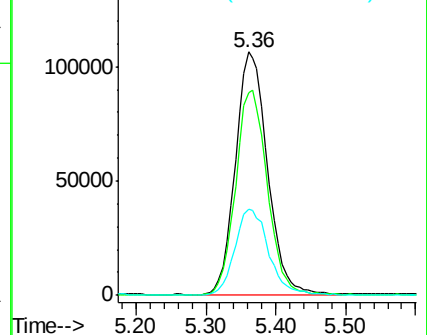
51 37.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 234.116 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008398.D

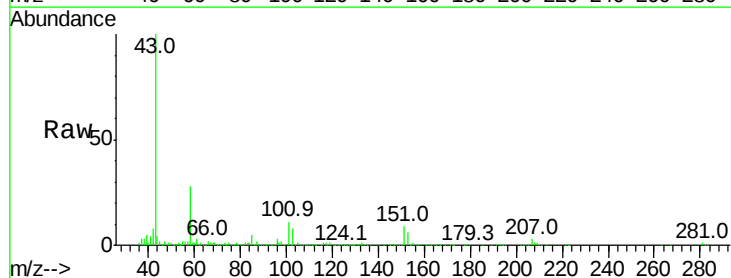
Acq: 24 Jan 2019 15:42

Tgt Ion: 43 Resp: 330264

Ion Ratio Lower Upper

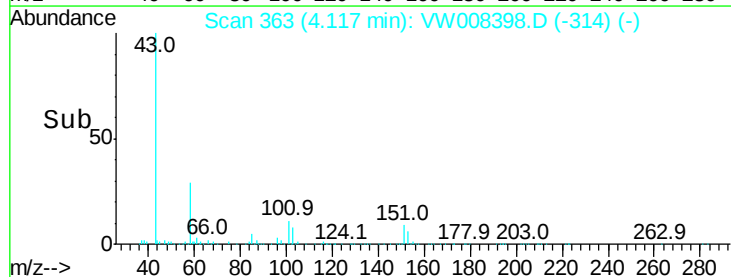
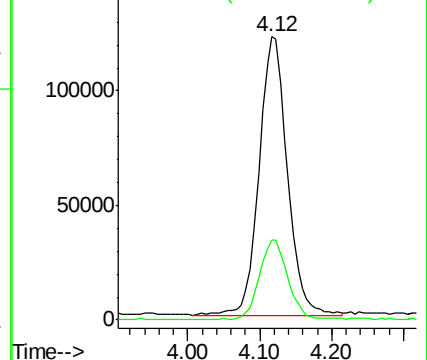
43 100

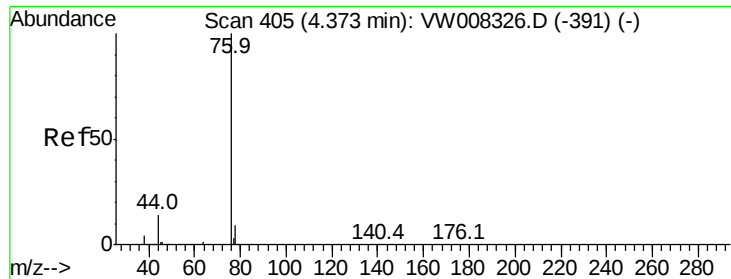
58 28.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

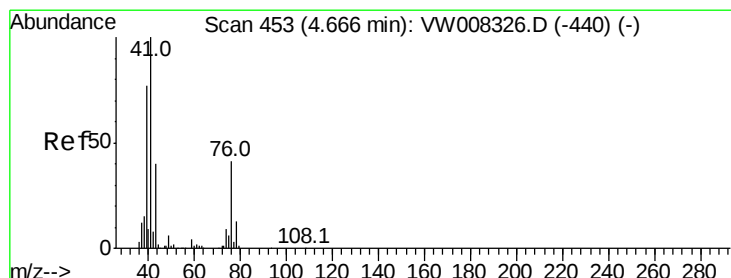
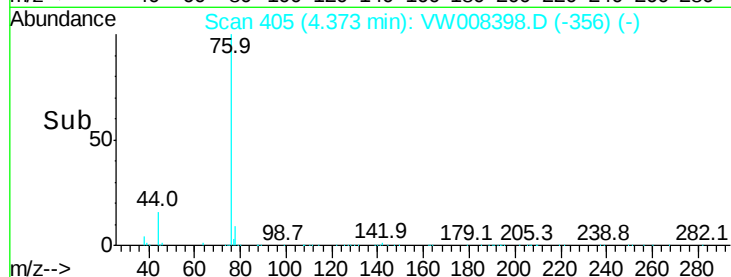
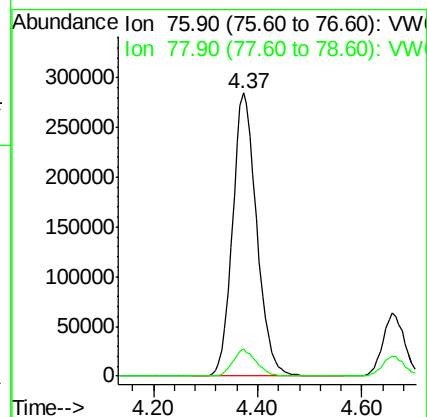
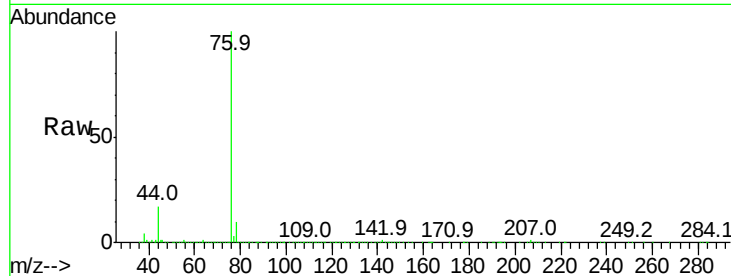




#17
Carbon Disulfide
Concen: 50.689 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

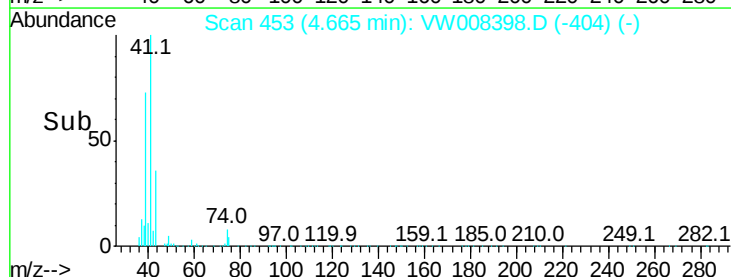
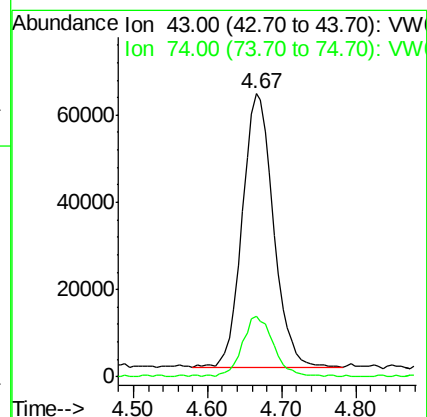
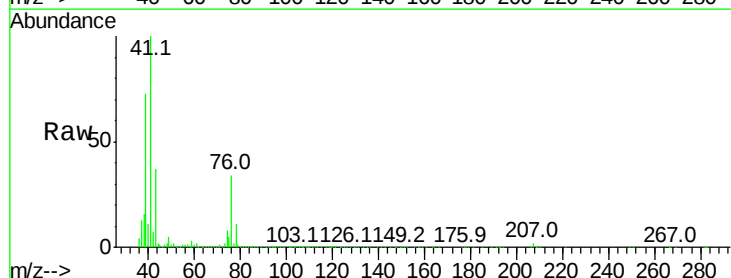
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

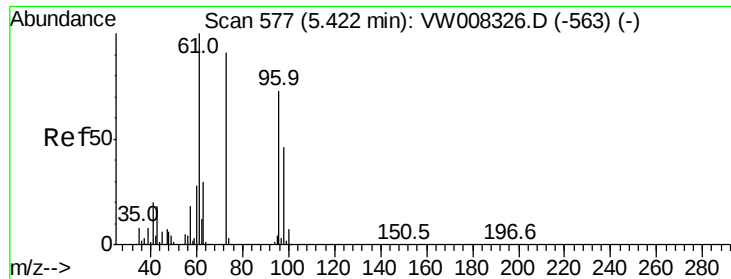
Tgt Ion: 76 Resp: 924158
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 49.258 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 43 Resp: 185617
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.0

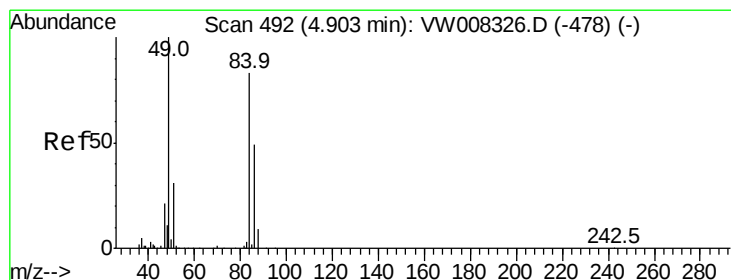
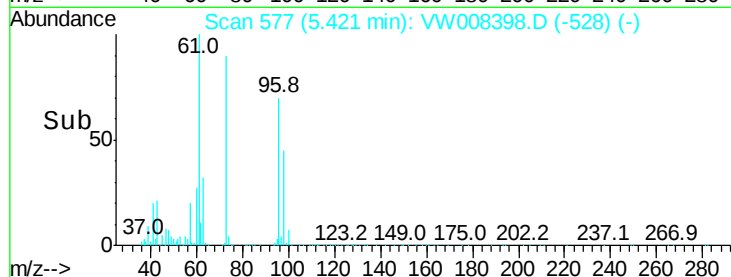
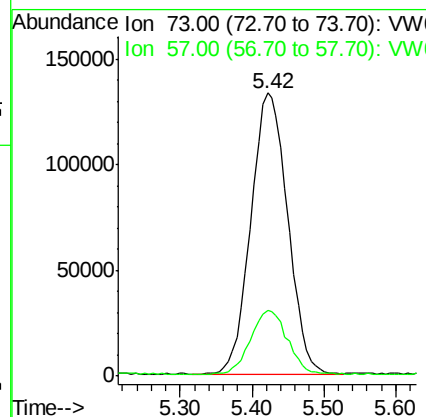
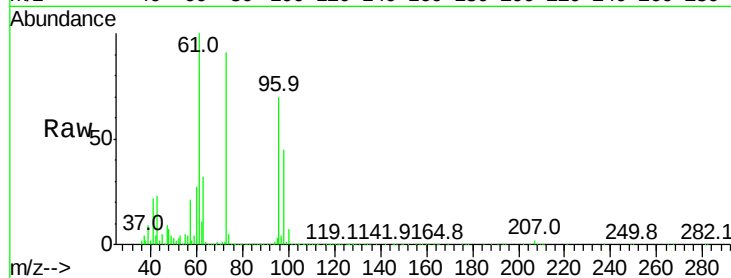




#19
Methyl tert-butyl Ether
Concen: 51.530 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

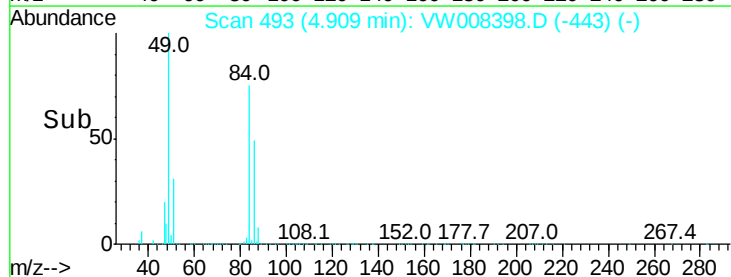
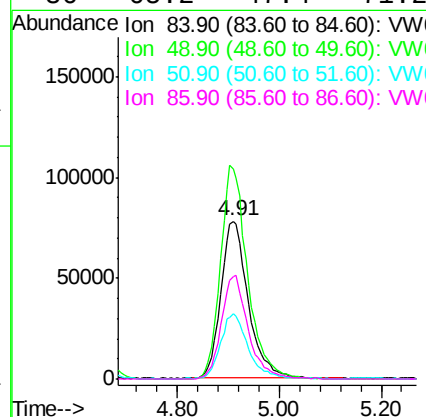
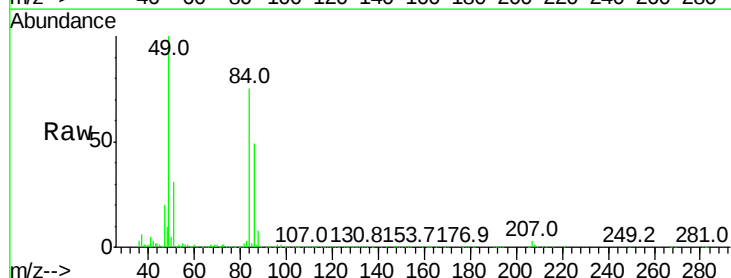
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

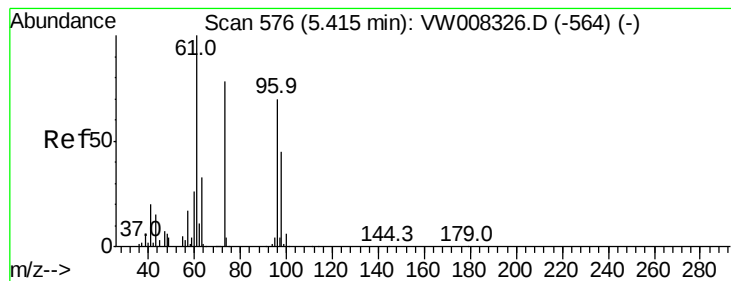
Tgt Ion: 73 Resp: 472631
Ion Ratio Lower Upper
73 100
57 22.5 16.3 24.5



#20
Methylene Chloride
Concen: 38.799 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 84 Resp: 290646
Ion Ratio Lower Upper
84 100
49 133.5 95.9 143.9
51 41.1 29.3 43.9
86 65.2 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 47.193 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

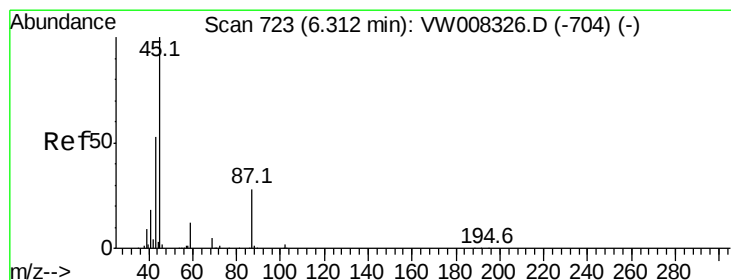
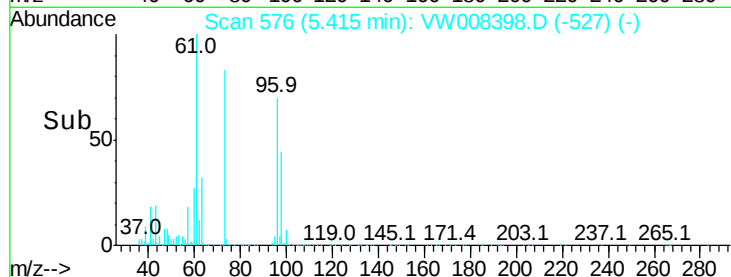
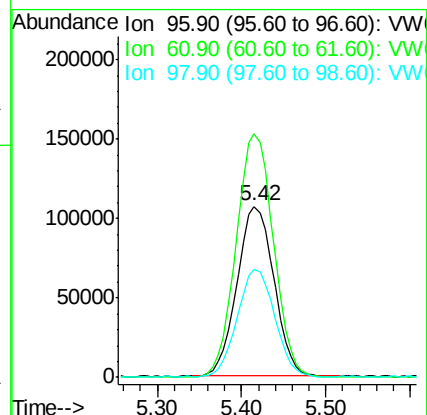
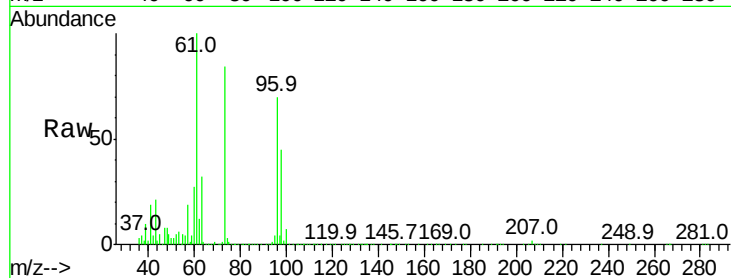
Tgt Ion: 96 Resp: 317586

Ion Ratio Lower Upper

96 100

61 143.0 114.5 171.7

98 63.2 52.0 78.0



#22

Diisopropyl ether

Concen: 52.167 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Tgt Ion: 45 Resp: 1020174

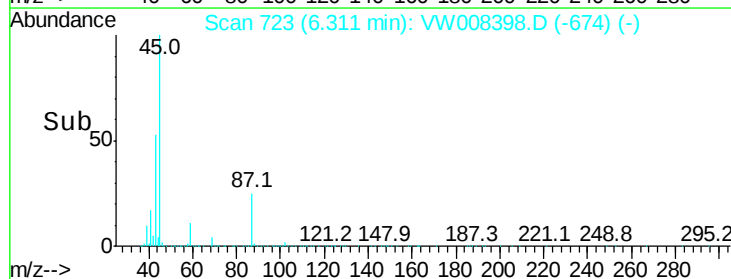
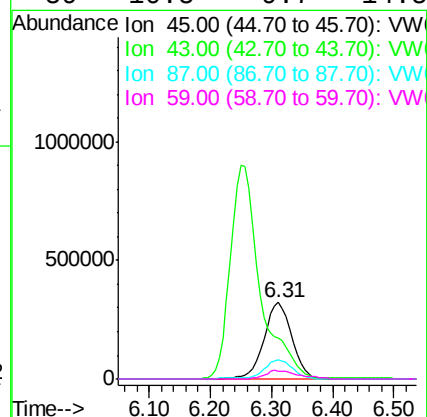
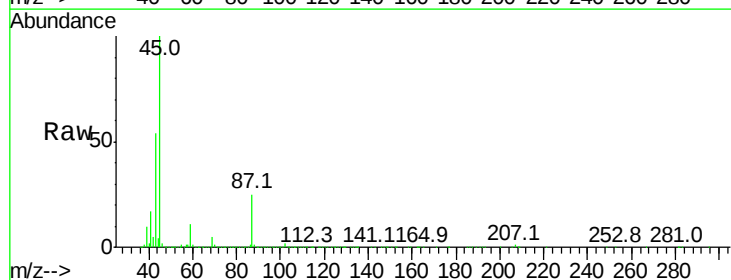
Ion Ratio Lower Upper

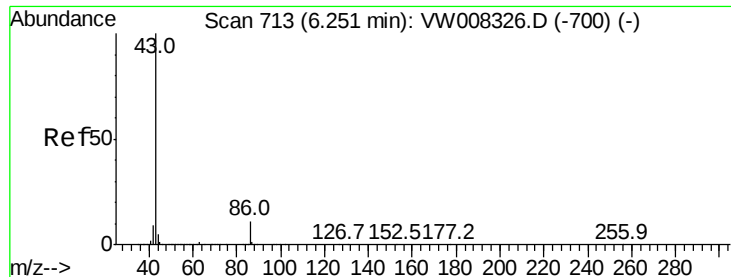
45 100

43 53.2 42.5 63.7

87 25.4 22.2 33.2

59 10.5 9.7 14.5





#23

Vinyl Acetate

Concen: 290.003 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

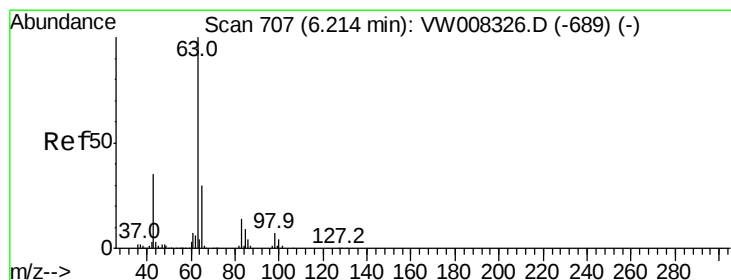
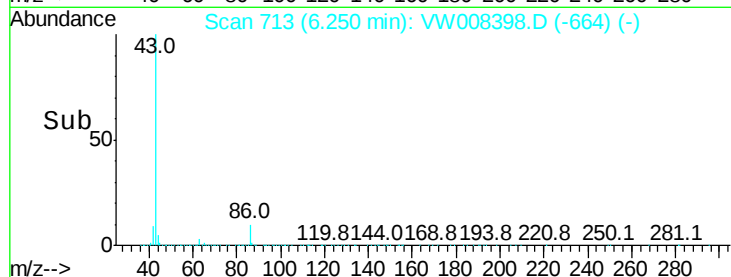
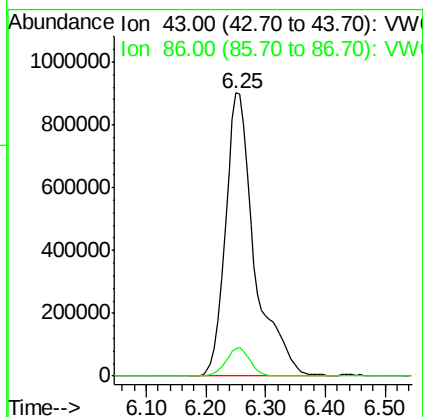
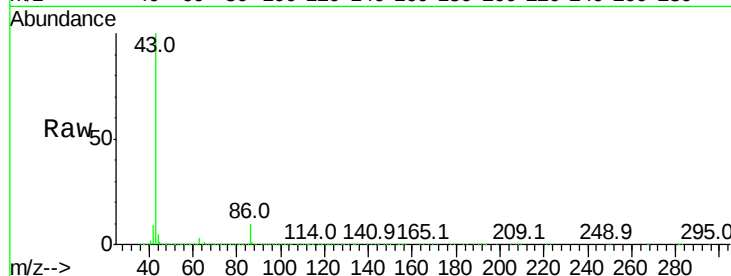
VSTDICCC050

Tgt Ion: 43 Resp: 3031551

Ion Ratio Lower Upper

43 100

86 9.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.551 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

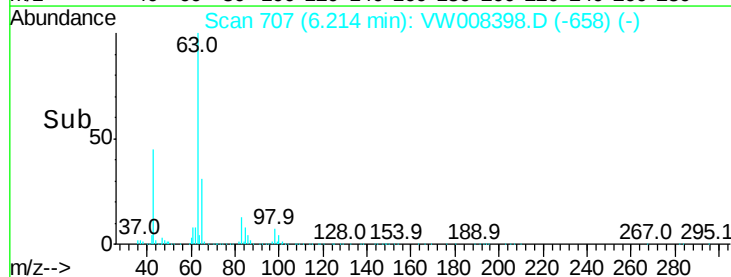
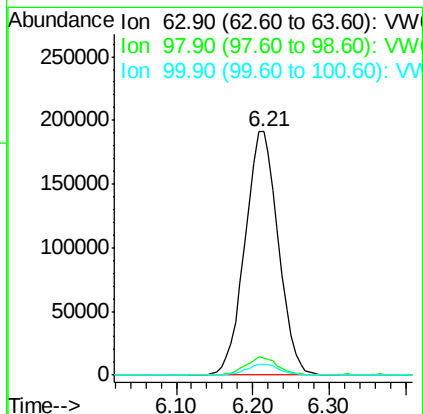
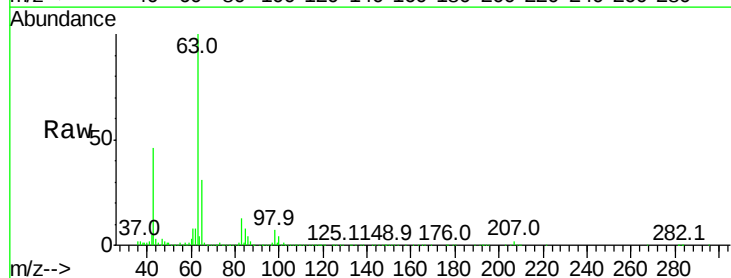
Tgt Ion: 63 Resp: 578107

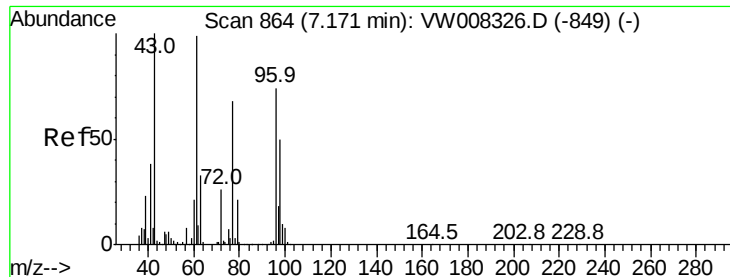
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 265.537 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

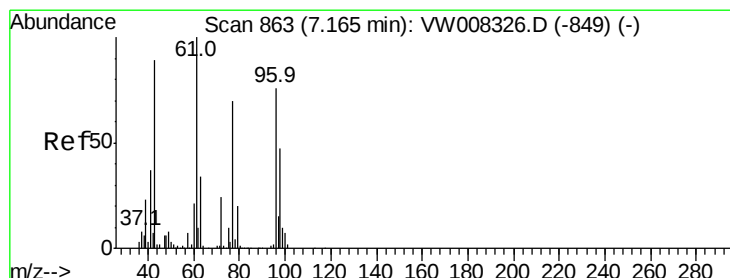
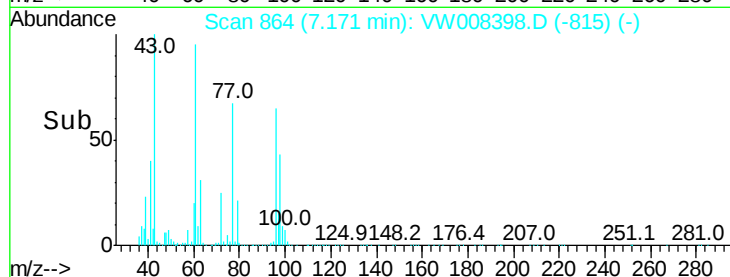
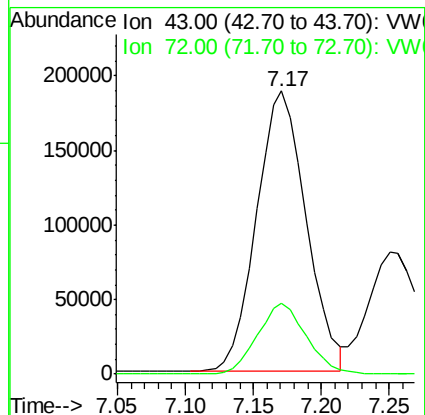
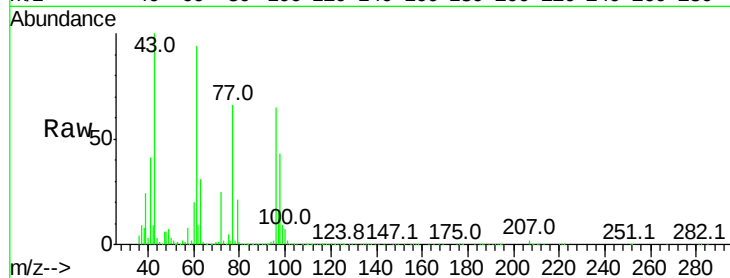
VSTDICCC050

Tgt Ion: 43 Resp: 479775

Ion Ratio Lower Upper

43 100

72 25.1 21.2 31.8



#26

2,2-Dichloropropane

Concen: 50.691 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008398.D

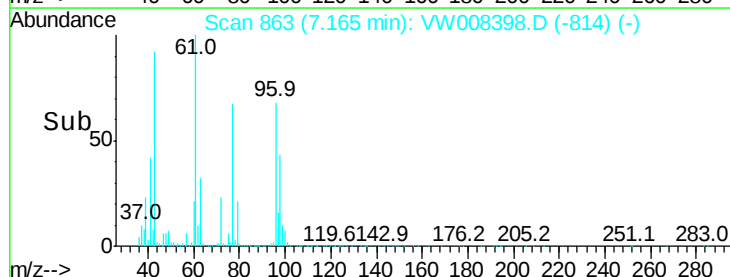
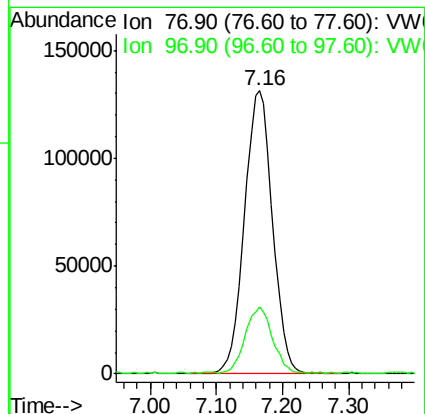
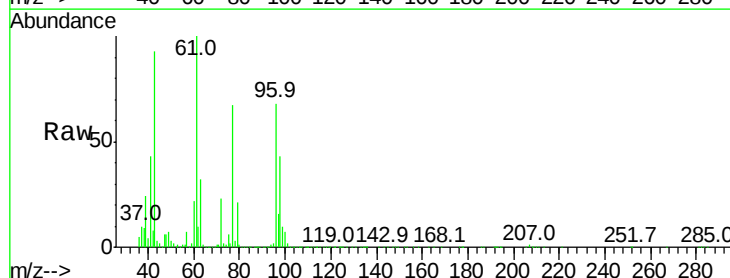
Acq: 24 Jan 2019 15:42

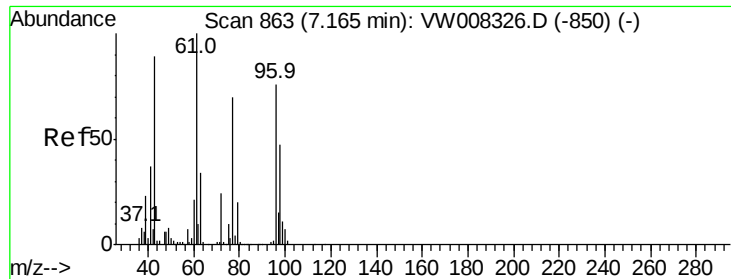
Tgt Ion: 77 Resp: 385188

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1



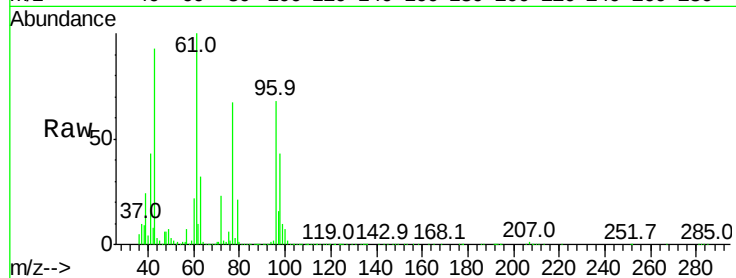


#27

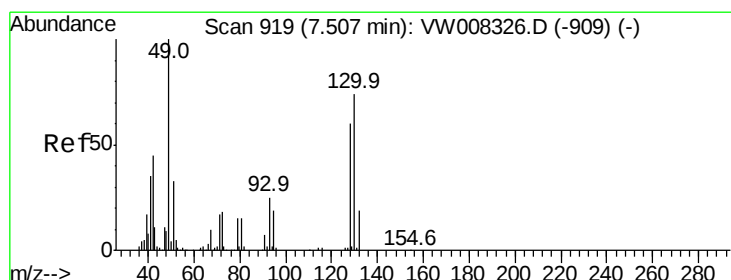
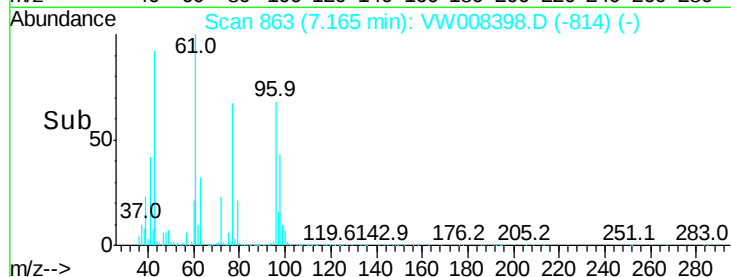
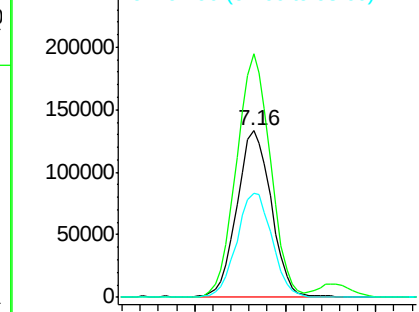
cis-1,2-Dichloroethene
 Concen: 47.387 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	272.2
98	64.6	0.0	129.4



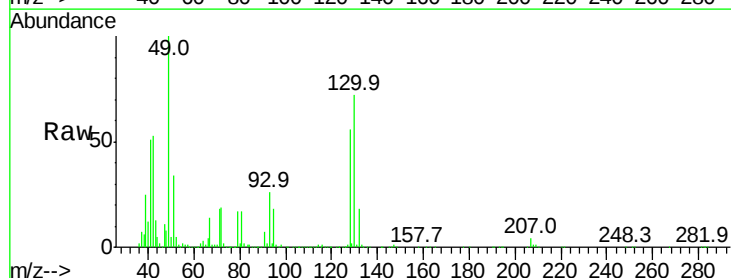
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



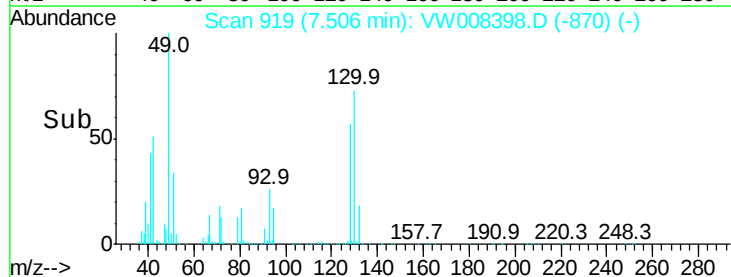
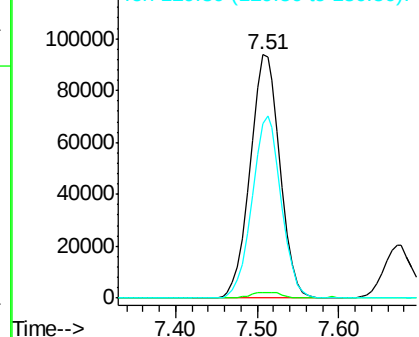
#28

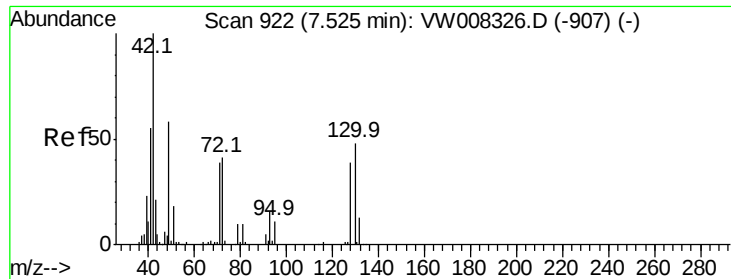
Bromochloromethane
 Concen: 48.644 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.6
130	73.2	0.0	0.0#



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

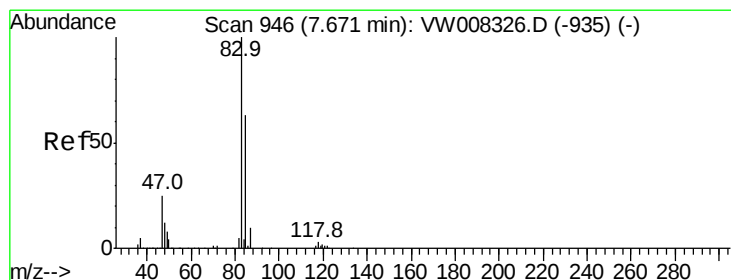
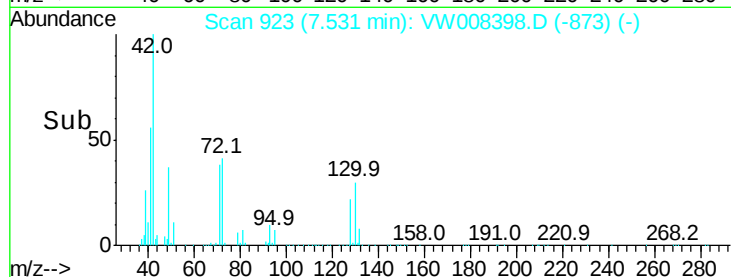
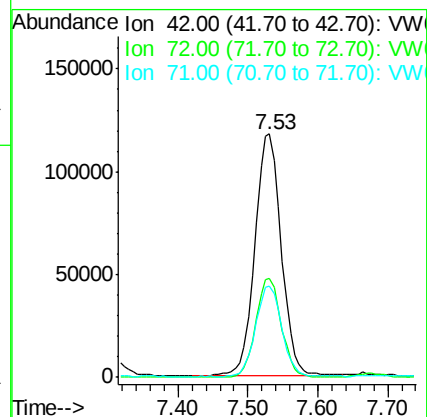
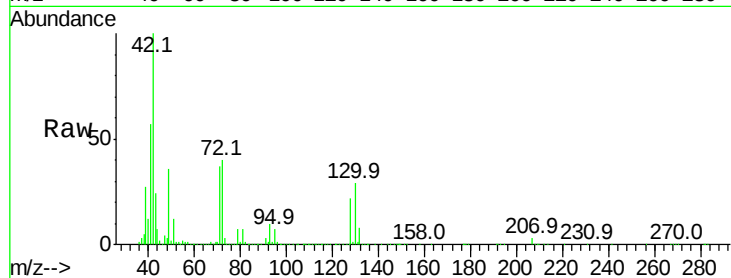




#29
Tetrahydrofuran
Concen: 272.728 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

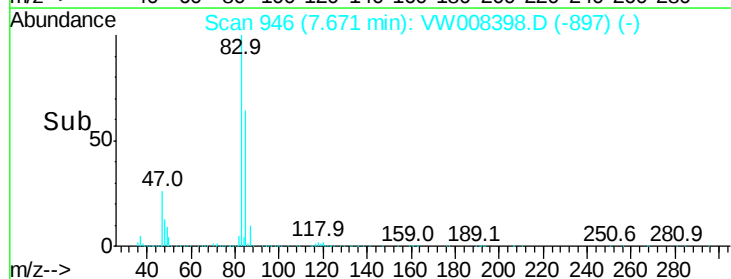
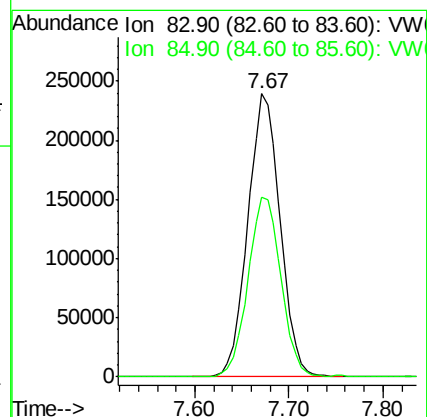
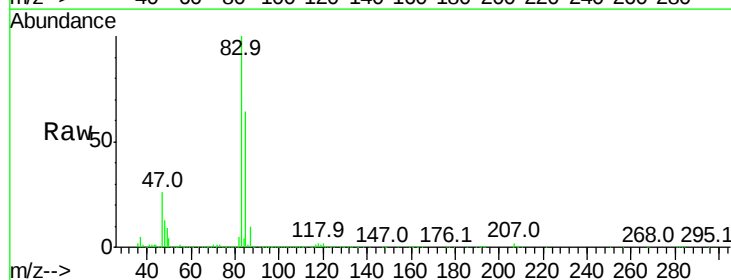
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

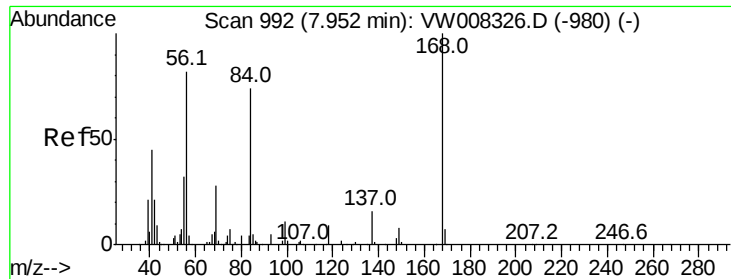
Tgt Ion: 42 Resp: 307199
Ion Ratio Lower Upper
42 100
72 39.9 34.0 51.0
71 37.4 32.0 48.0



#30
Chloroform
Concen: 48.623 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 83 Resp: 572839
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.2





#31

Cyclohexane

Concen: 50.397 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

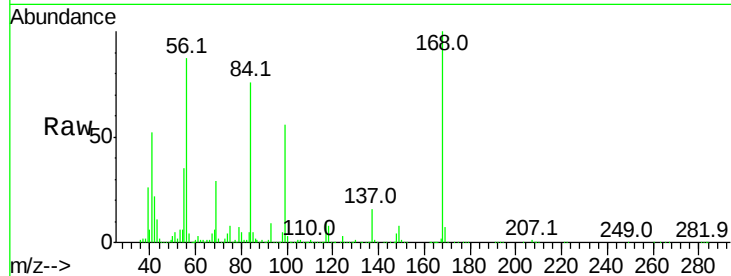
Tgt Ion: 56 Resp: 571756

Ion Ratio Lower Upper

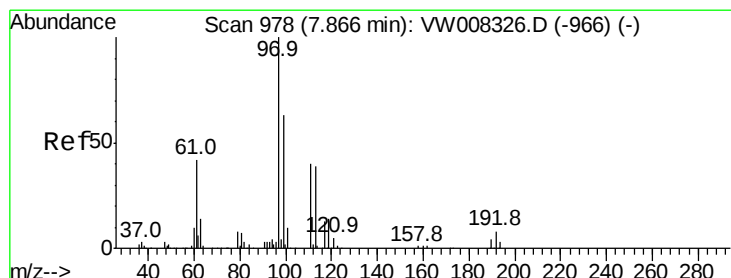
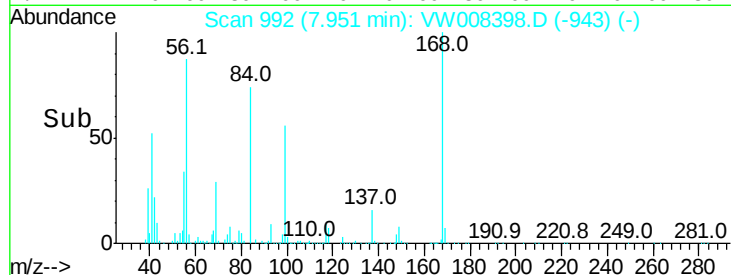
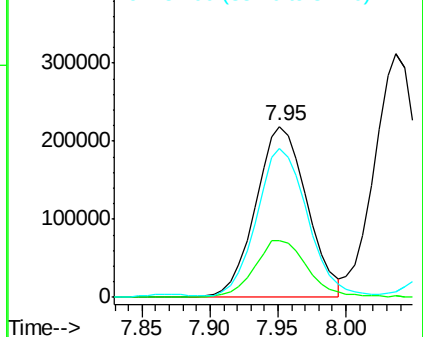
56 100

69 33.0 27.0 40.6

84 86.4 72.5 108.7



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: 49.854 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

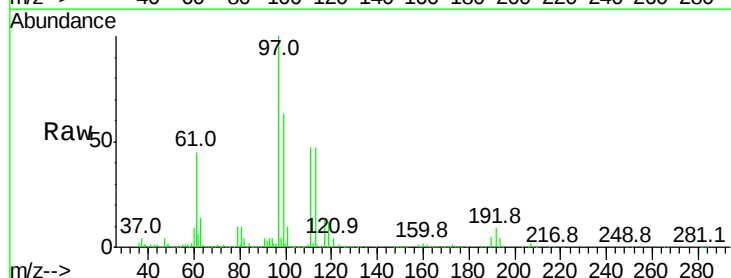
Tgt Ion: 97 Resp: 492920

Ion Ratio Lower Upper

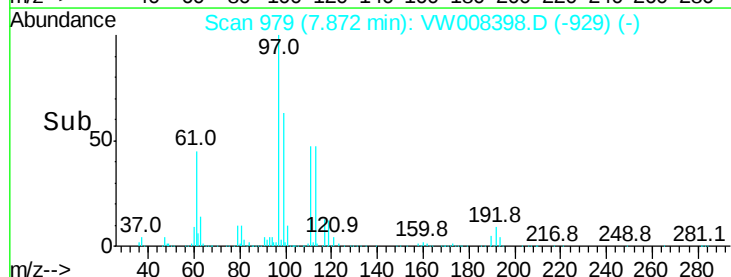
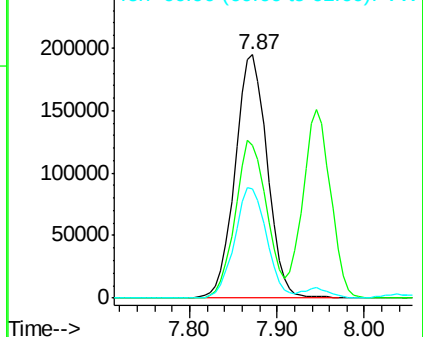
97 100

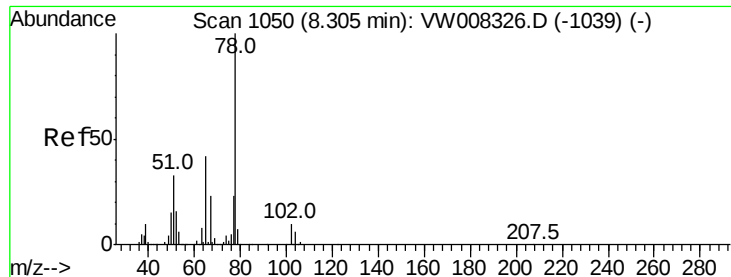
99 64.1 51.1 76.7

61 45.3 34.0 51.0



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: 47.693 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampled :

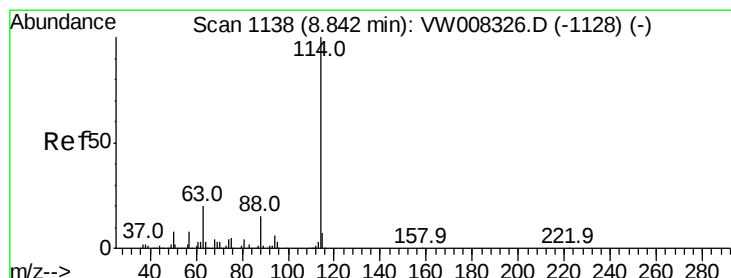
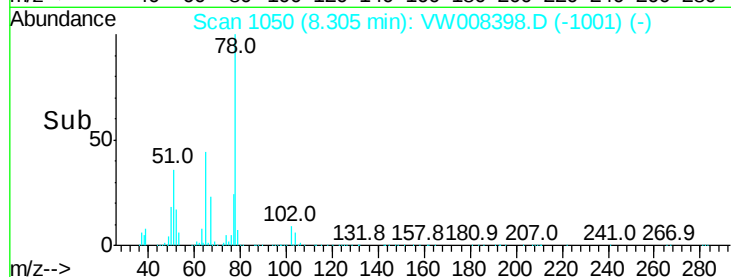
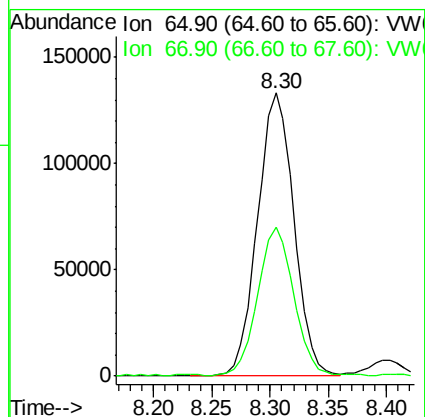
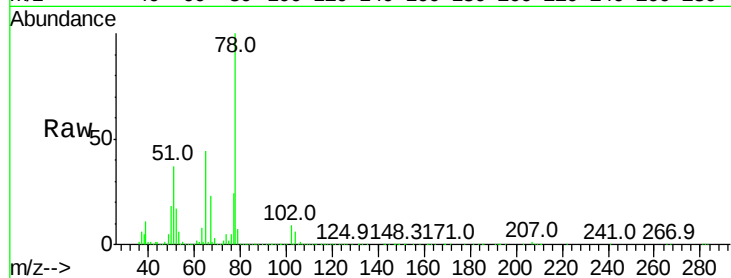
VSTDICCC050

Tgt Ion: 65 Resp: 289705

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

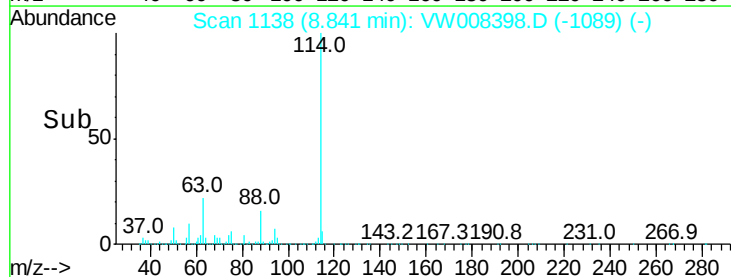
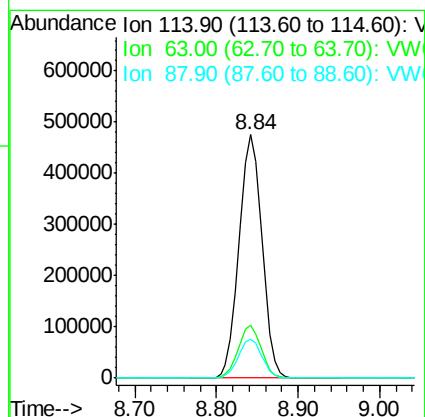
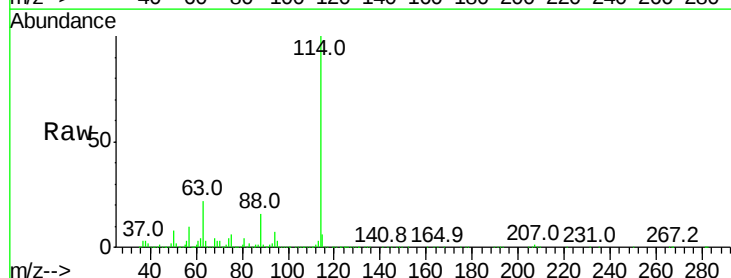
Tgt Ion: 114 Resp: 922659

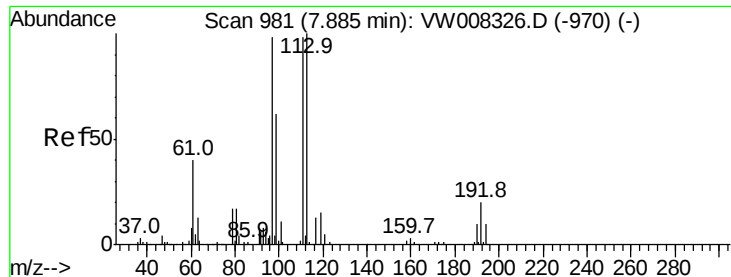
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.810 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

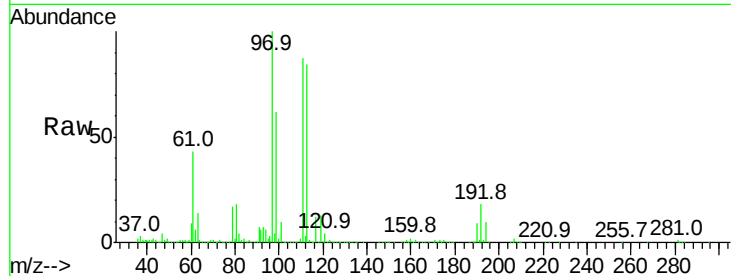
Tgt Ion:113 Resp: 275695

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

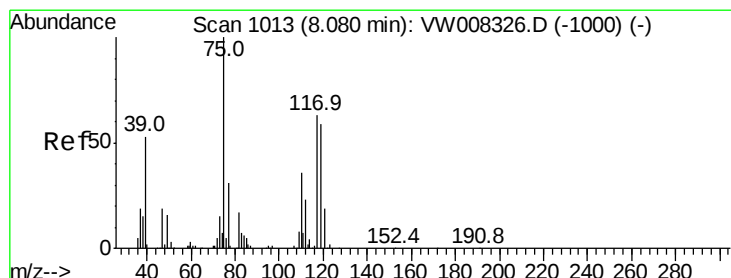
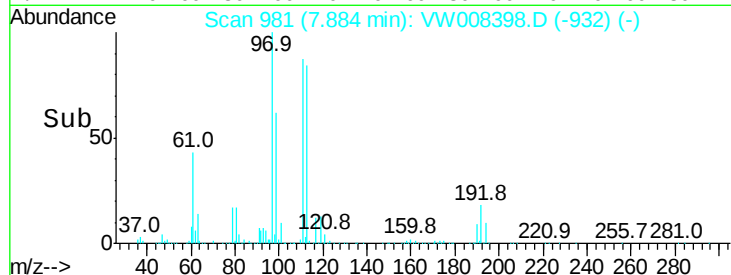
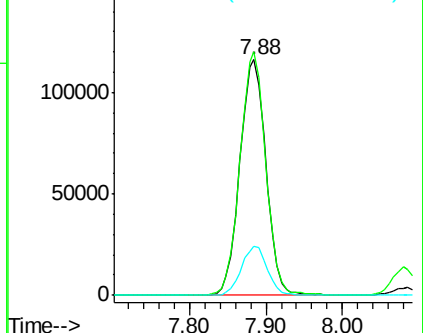
192 21.0 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.463 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

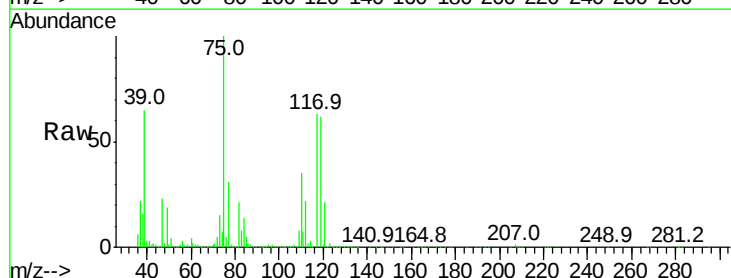
Tgt Ion: 75 Resp: 477713

Ion Ratio Lower Upper

75 100

110 34.7 17.5 52.6

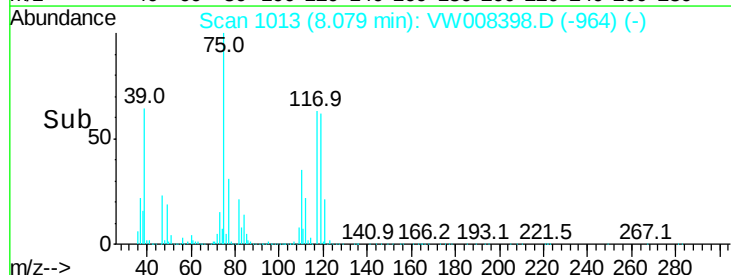
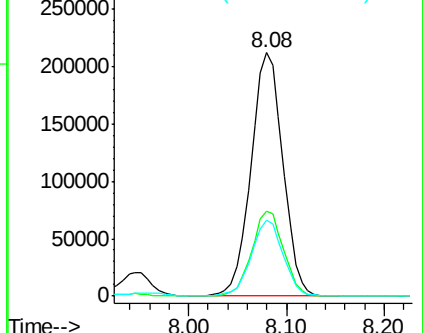
77 30.9 25.0 37.6

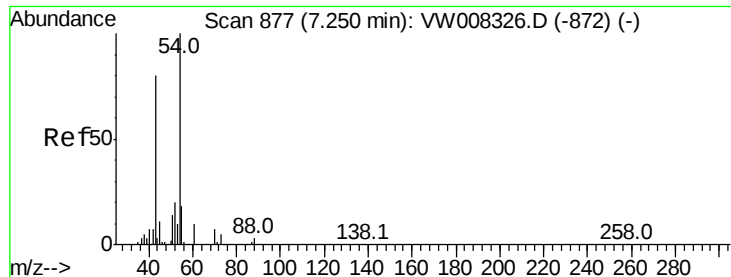


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

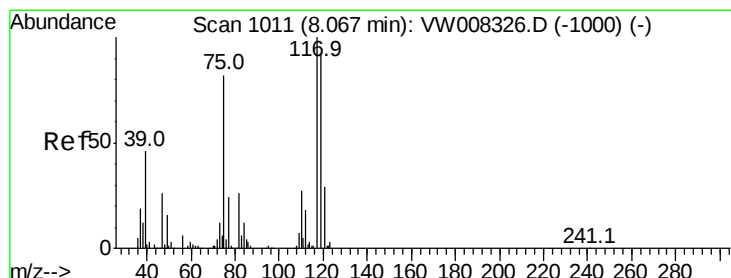
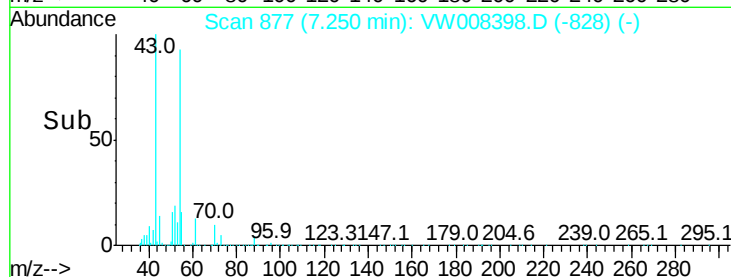
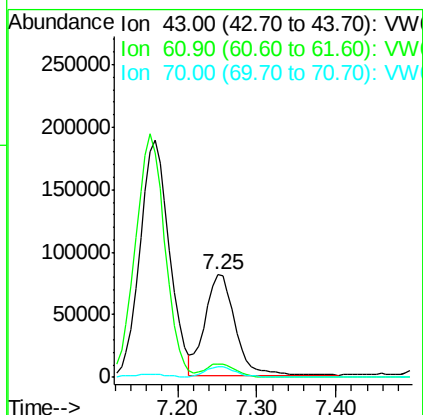
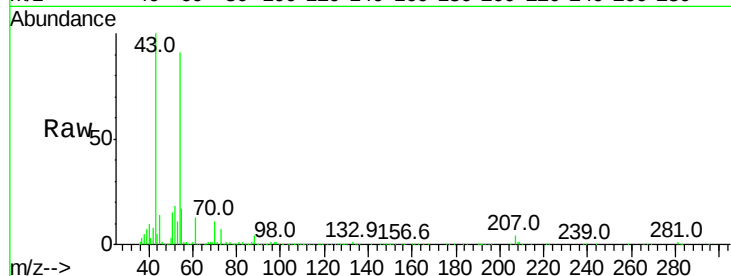




#37
Ethyl Acetate
Concen: 55.878 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

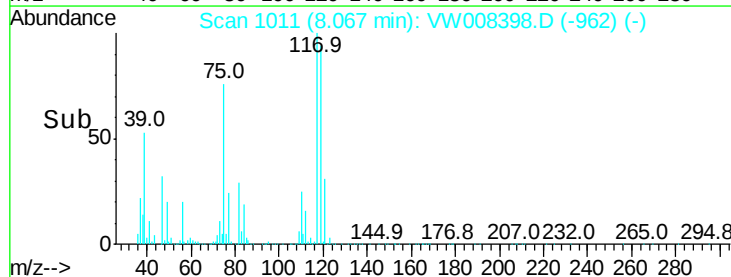
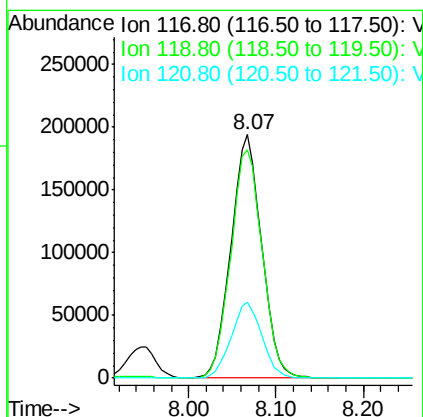
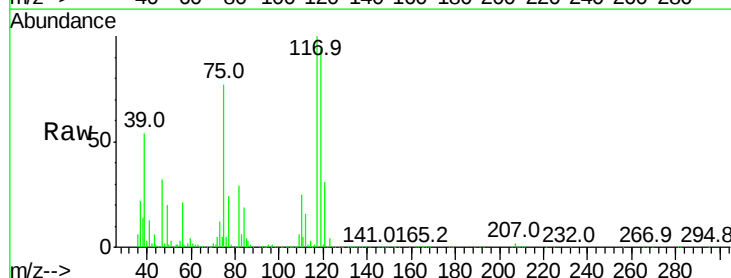
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

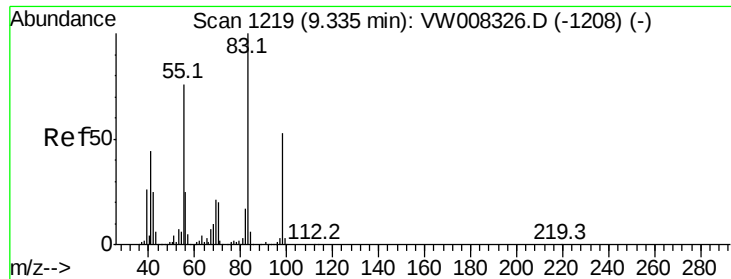
Tgt Ion: 43 Resp: 213899
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 9.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.571 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 117 Resp: 472713
Ion Ratio Lower Upper
117 100
119 93.7 73.8 110.6
121 31.1 23.4 35.0

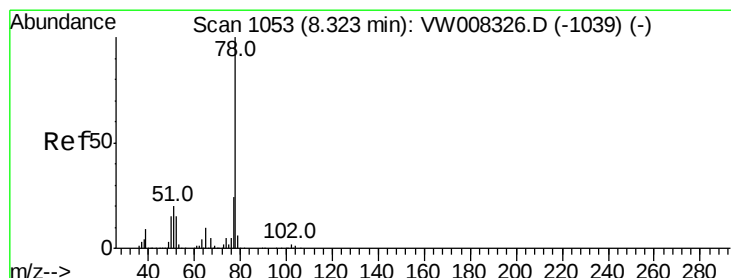
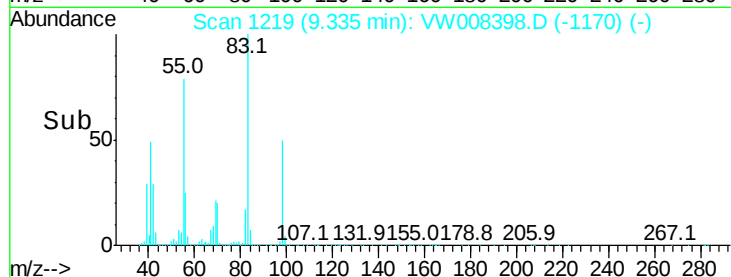
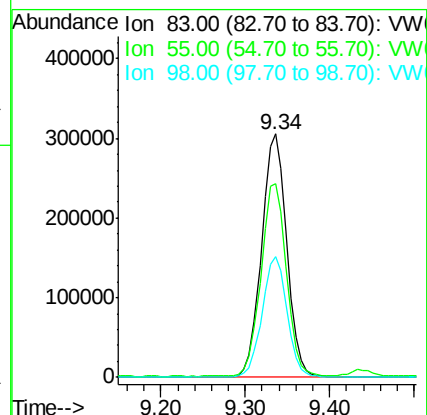
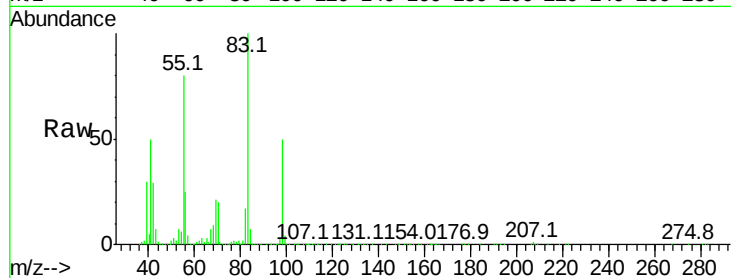




#39
Methylcyclohexane
Concen: 56.524 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

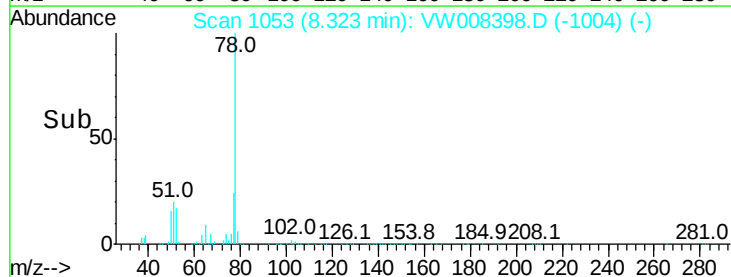
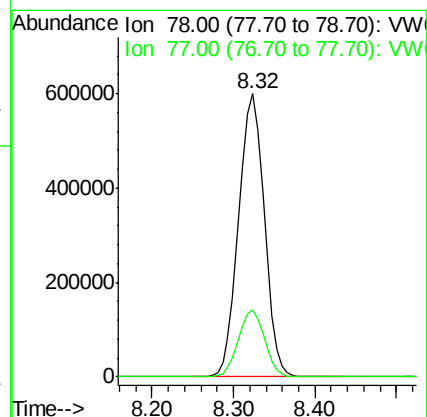
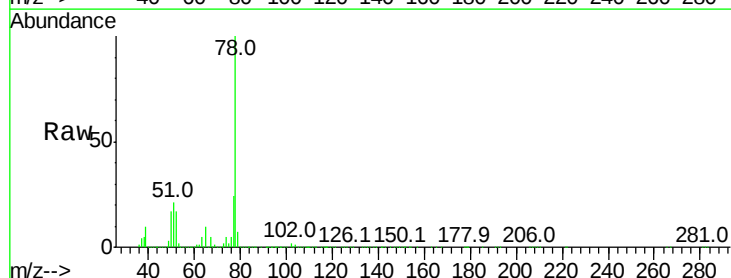
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

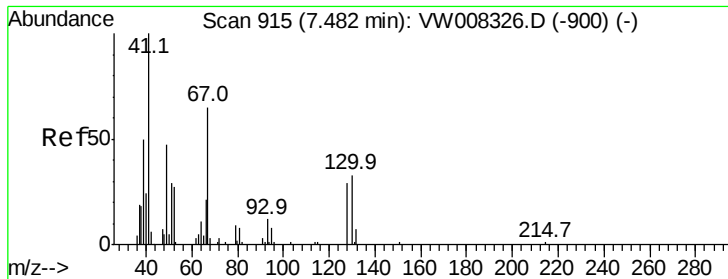
Tgt Ion: 83 Resp: 624123
Ion Ratio Lower Upper
83 100
55 79.1 61.1 91.7
98 49.6 42.5 63.7



#40
Benzene
Concen: 49.666 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 78 Resp: 1305974
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

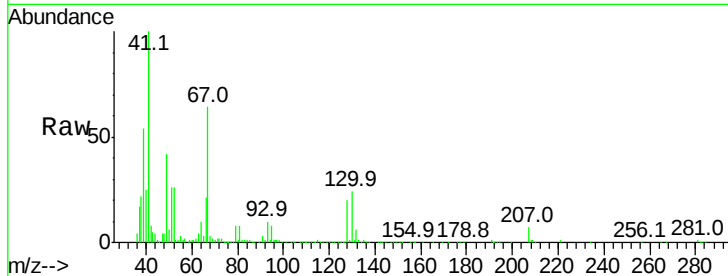




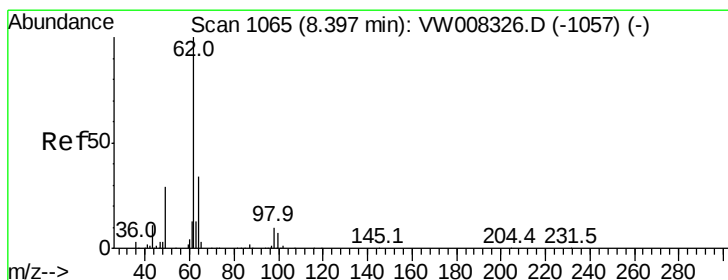
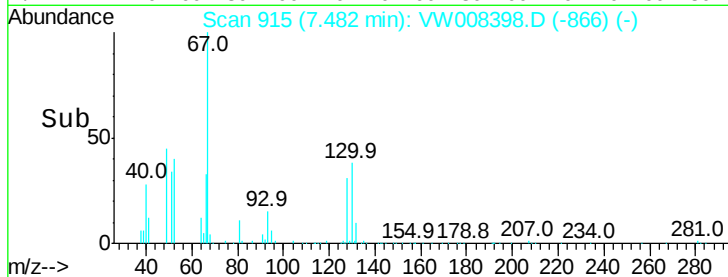
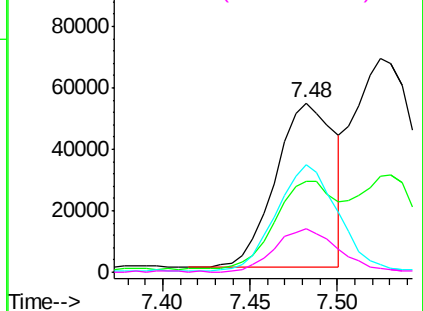
#41
Methacrylonitrile
Concen: 56.281 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	125417
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.9	67.3
67	67.7	56.9	85.3
52	28.6	24.4	36.6

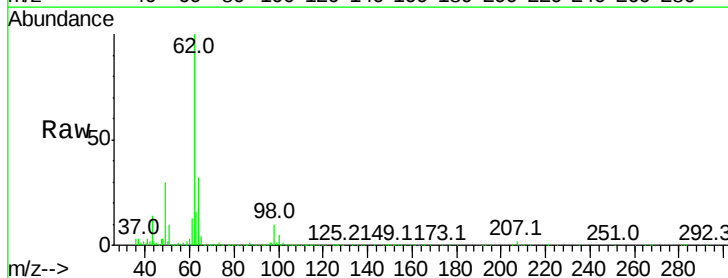


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

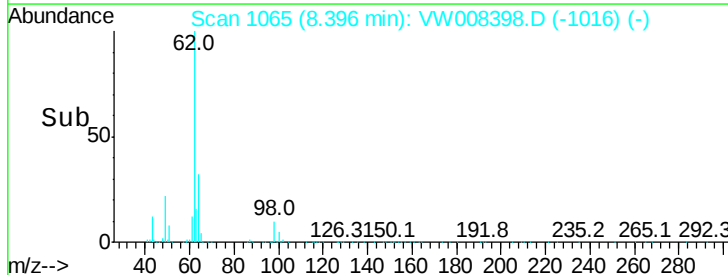
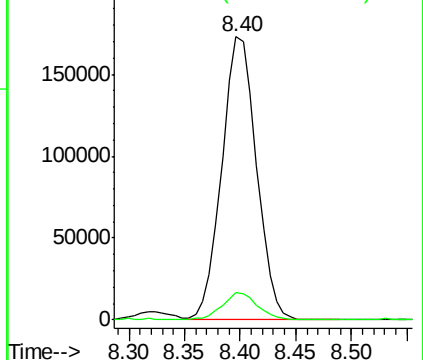


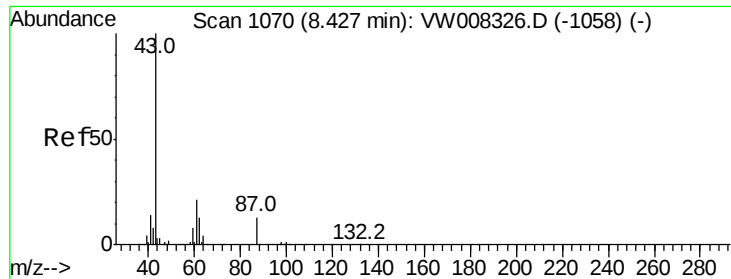
#42
1,2-Dichloroethane
Concen: 50.837 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:	62	Resp:	373792
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

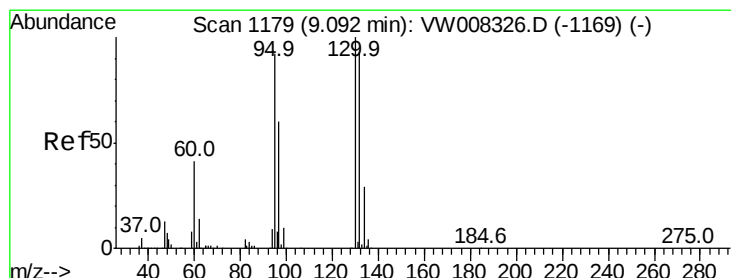
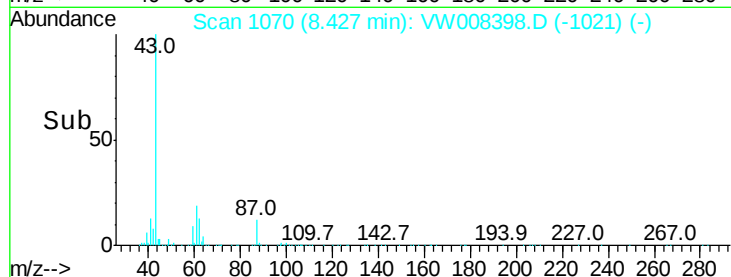
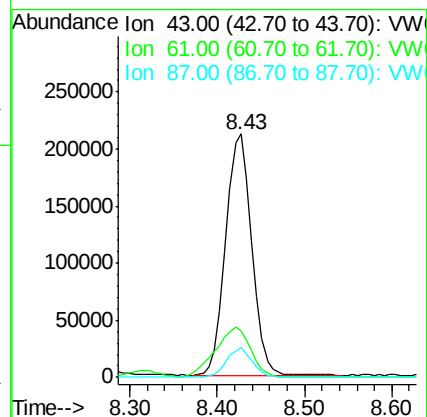
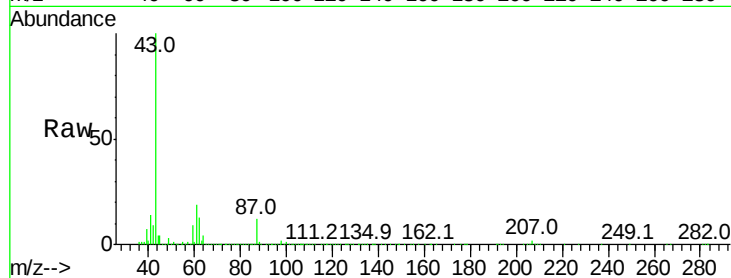




#43
Isopropyl Acetate
Concen: 60.965 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

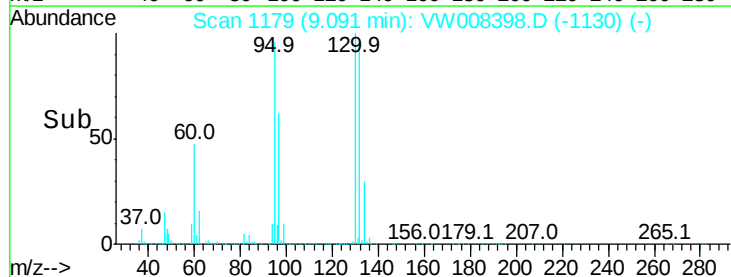
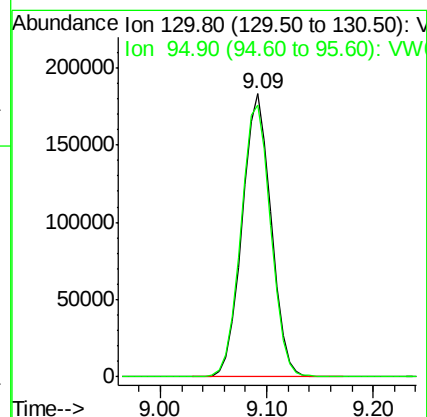
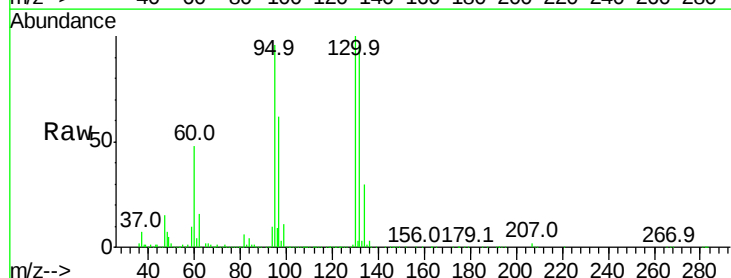
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

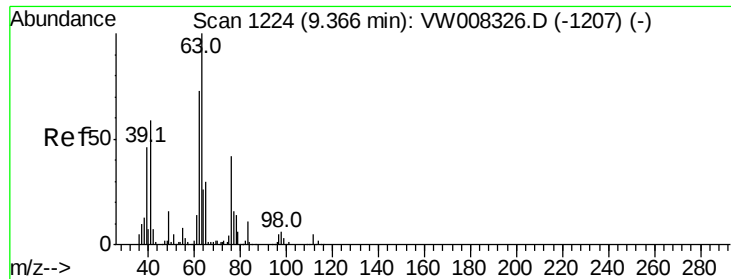
Tgt Ion: 43 Resp: 440826
Ion Ratio Lower Upper
43 100
61 27.5 24.8 37.2
87 11.6 10.7 16.1



#44
Trichloroethene
Concen: 48.657 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:130 Resp: 350529
Ion Ratio Lower Upper
130 100
95 95.8 0.0 184.8





#45

1,2-Dichloropropane

Concen: 49.580 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

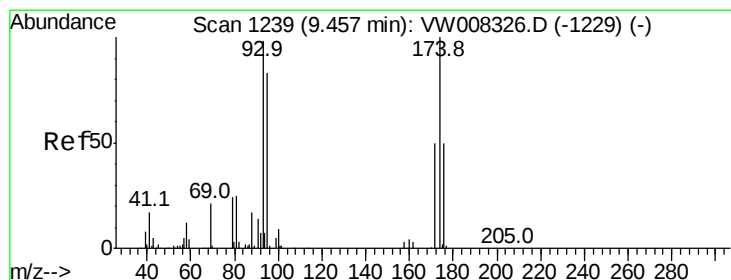
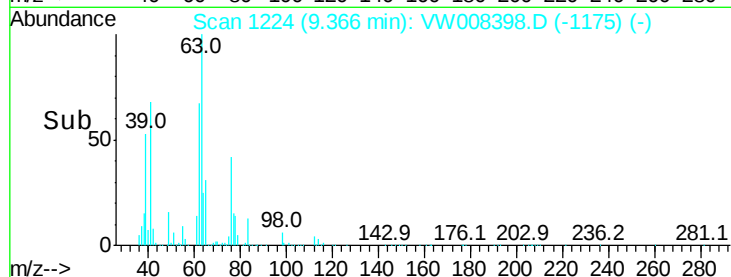
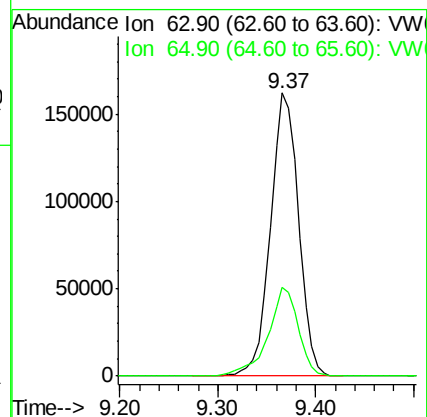
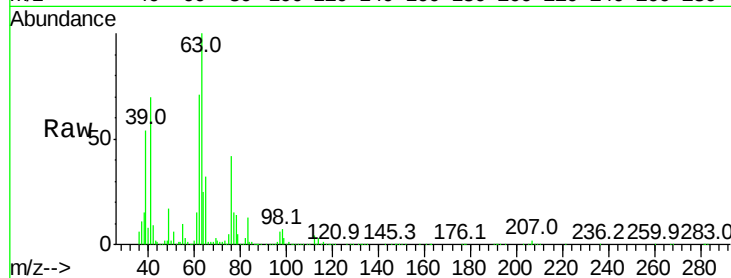
VSTDICCC050

Tgt Ion: 63 Resp: 323836

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 48.622 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

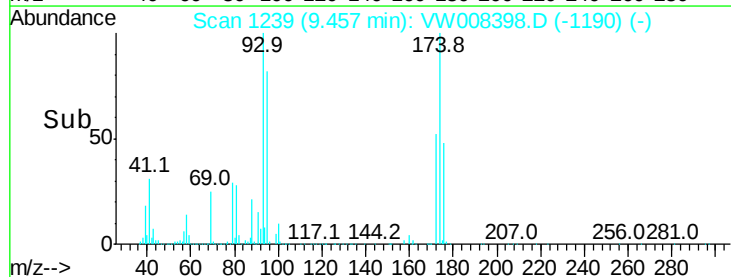
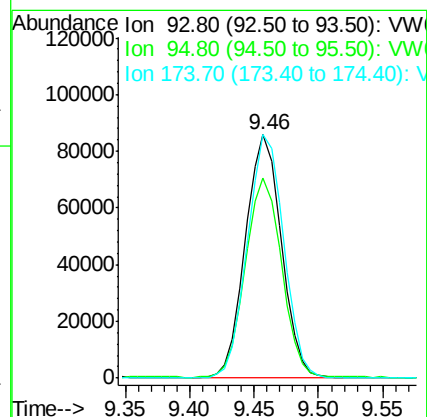
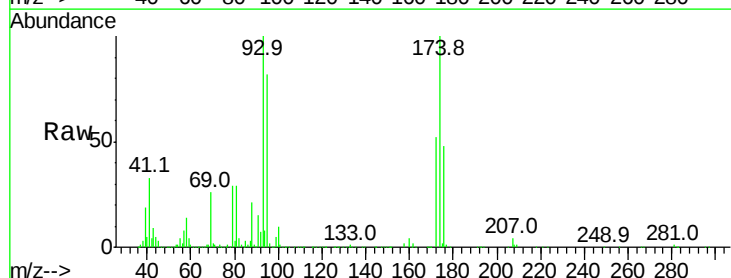
Tgt Ion: 93 Resp: 165520

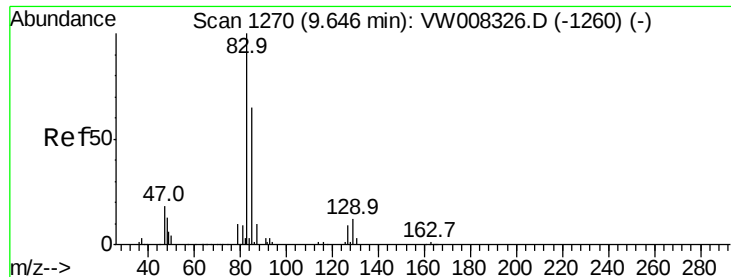
Ion Ratio Lower Upper

93 100

95 82.4 67.8 101.8

174 101.3 84.4 126.6





#47

Bromodichloromethane

Concen: 52.215 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

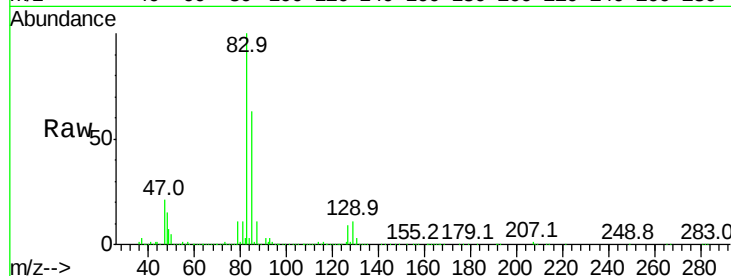
Tgt Ion: 83 Resp: 438453

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

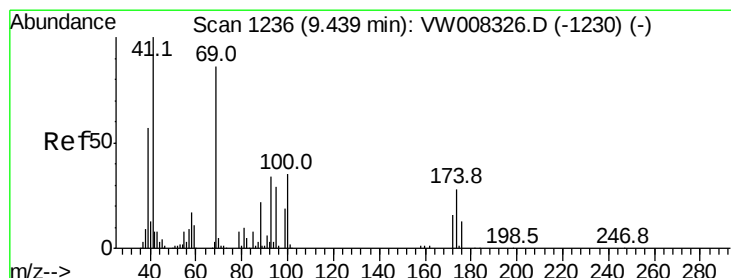
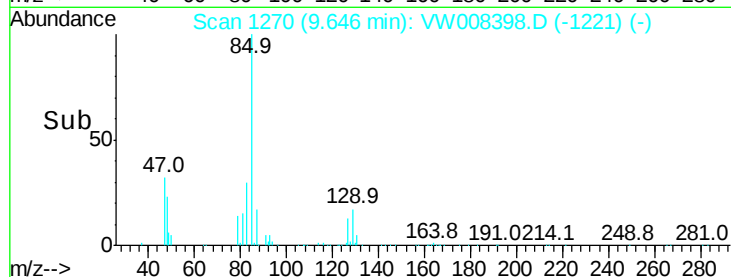
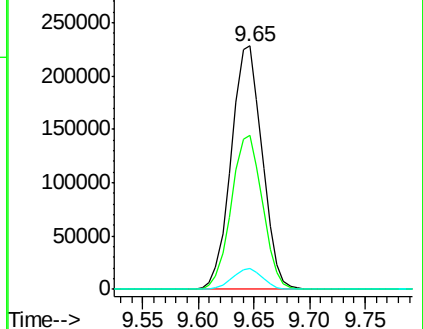
127 8.5 6.8 10.2



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: 61.414 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

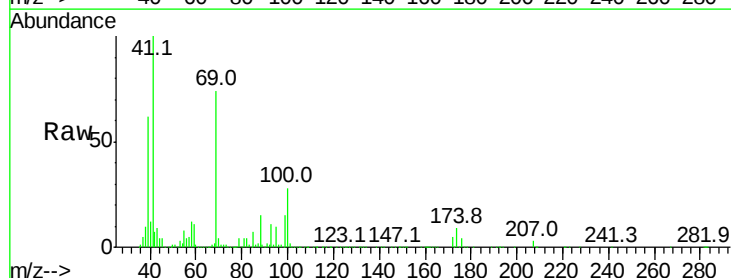
Tgt Ion: 41 Resp: 209048

Ion Ratio Lower Upper

41 100

69 81.0 68.2 102.4

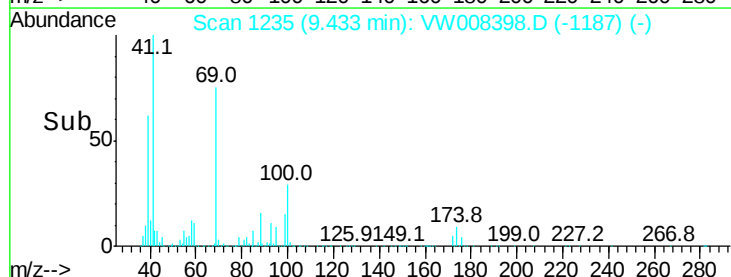
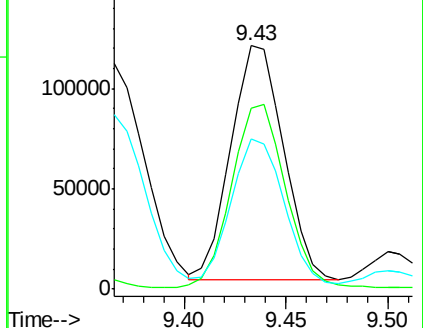
39 61.4 46.0 69.0

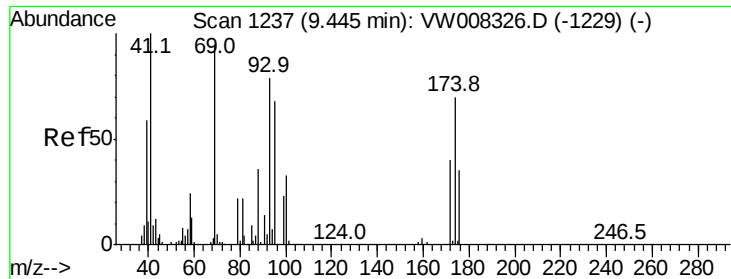


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

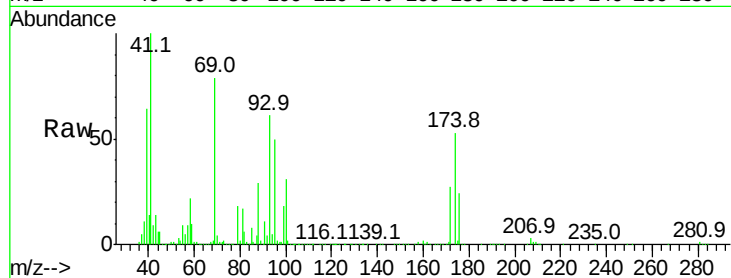




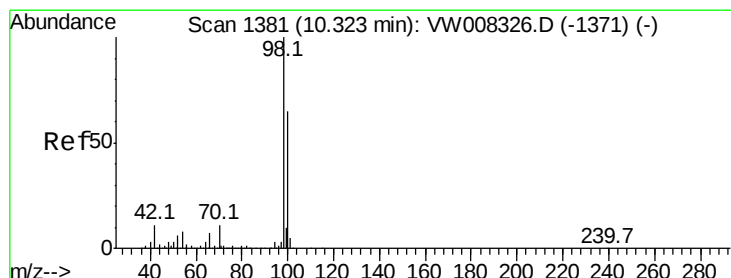
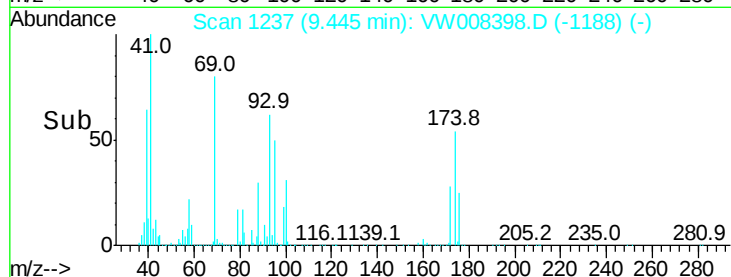
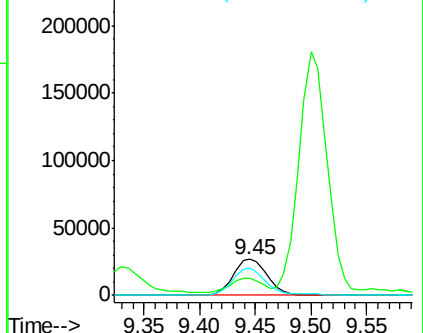
#49
1,4-Dioxane
Concen: 1038.841 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 56930
Ion Ratio Lower Upper
88 100
43 36.2 27.1 40.7
58 70.5 57.9 86.9

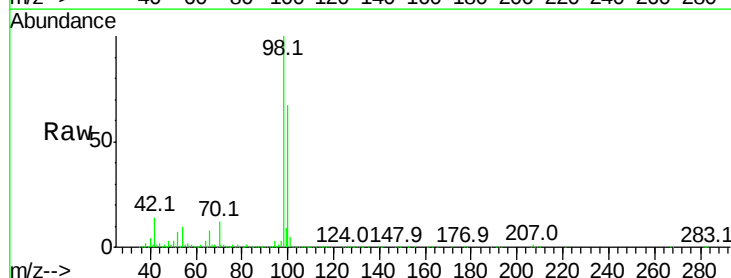


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

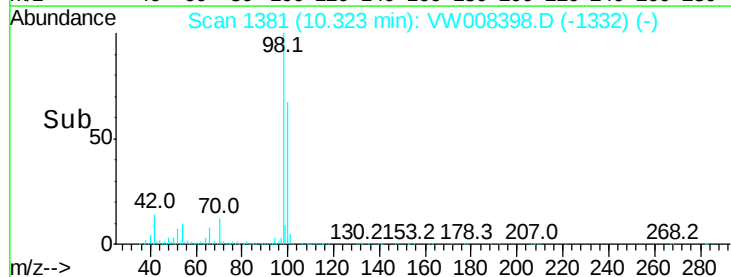
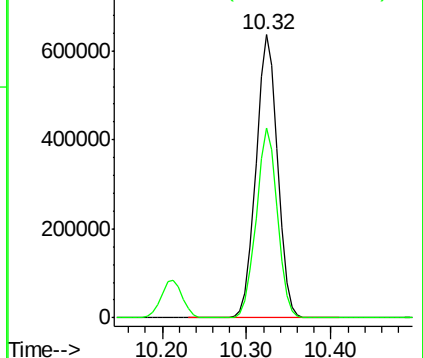


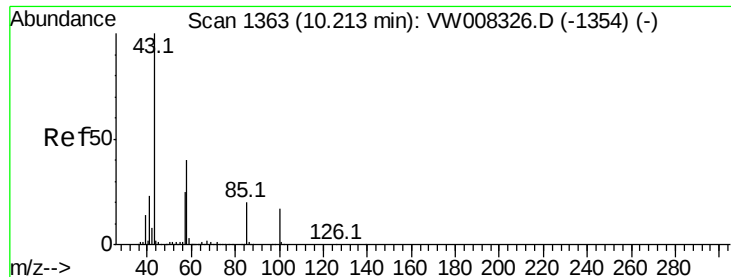
#50
Toluene-d8
Concen: 47.795 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 98 Resp: 1105872
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 289.837 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

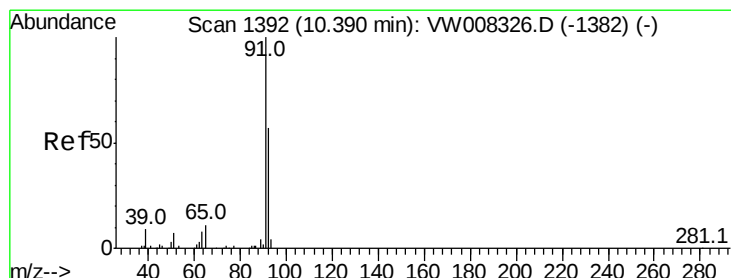
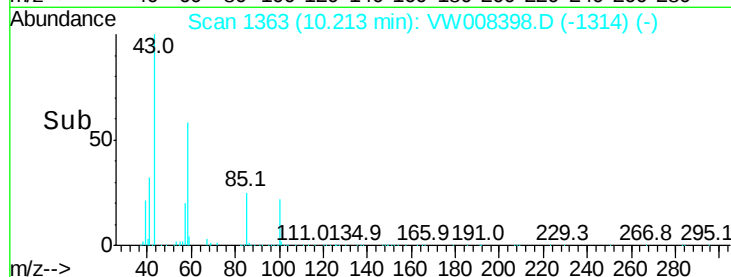
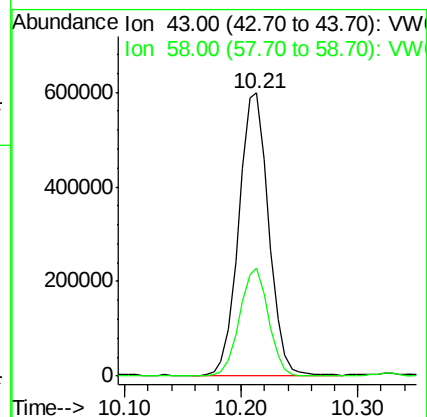
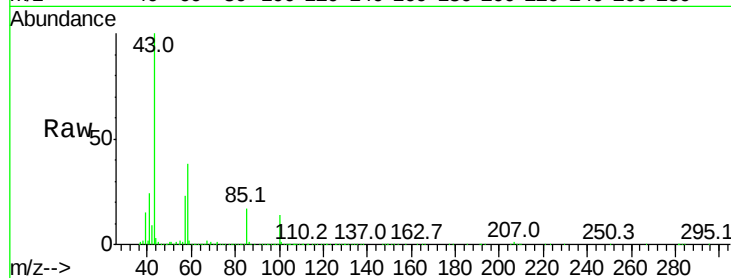
VSTDICCC050

Tgt Ion: 43 Resp: 1061198

Ion Ratio Lower Upper

43 100

58 37.1 31.4 47.0



#52

Toluene

Concen: 51.291 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008398.D

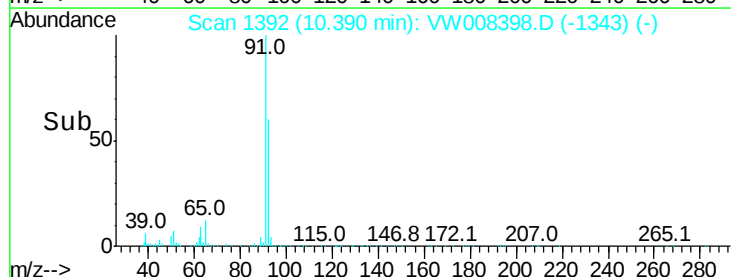
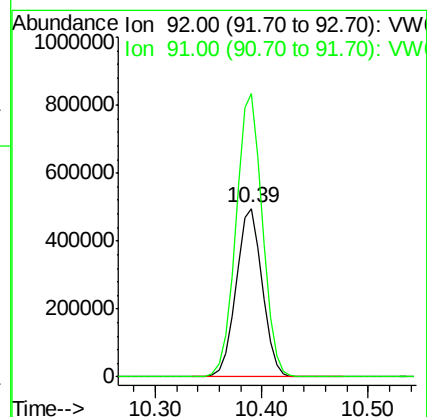
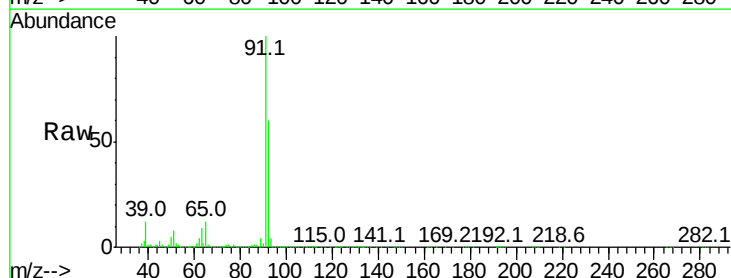
Acq: 24 Jan 2019 15:42

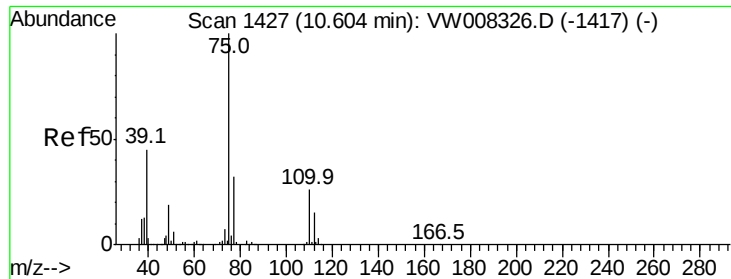
Tgt Ion: 92 Resp: 853519

Ion Ratio Lower Upper

92 100

91 169.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 56.408 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

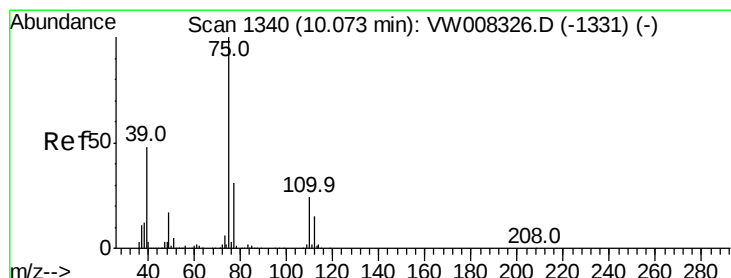
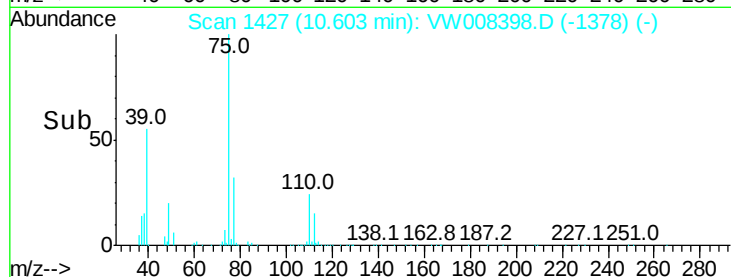
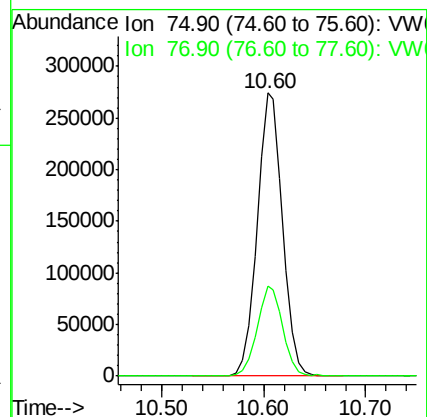
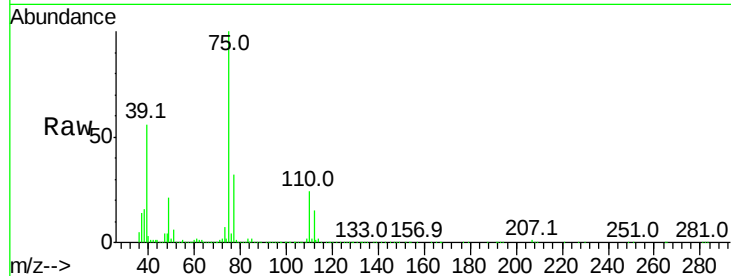
VSTDICCC050

Tgt Ion: 75 Resp: 472751

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 53.946 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

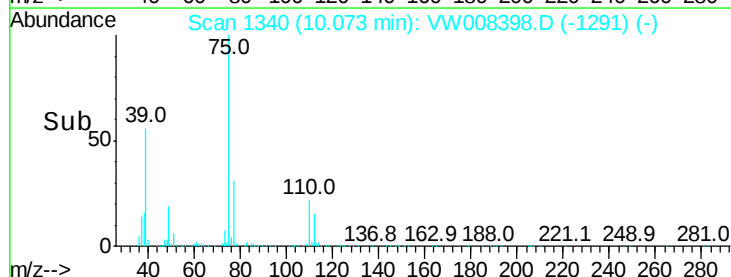
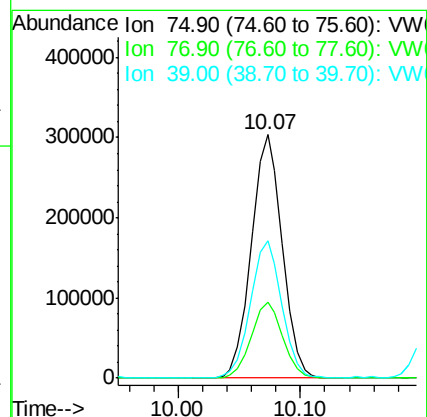
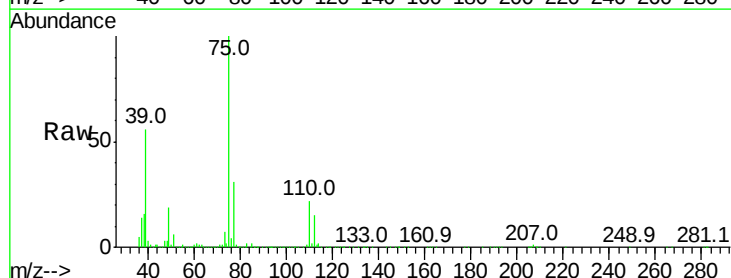
Tgt Ion: 75 Resp: 532969

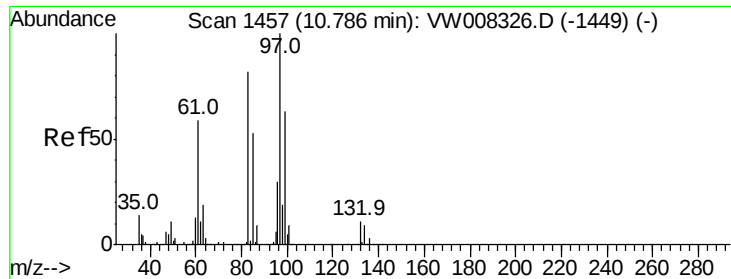
Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6

39 56.1 38.6 57.8

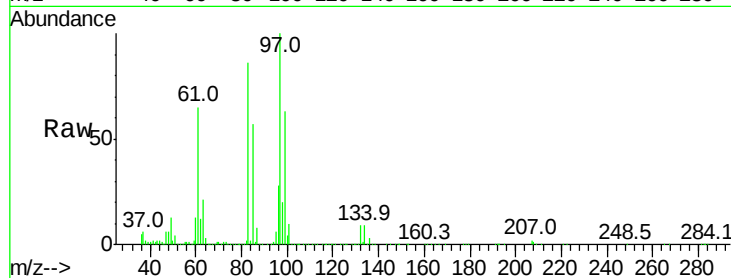




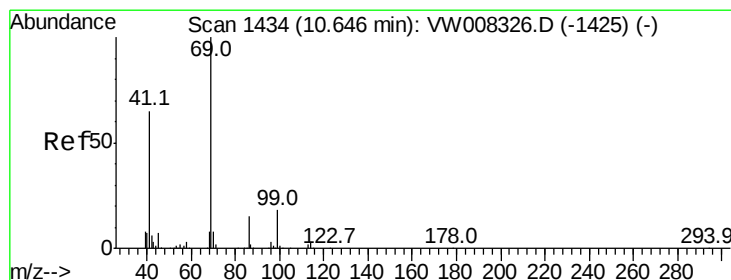
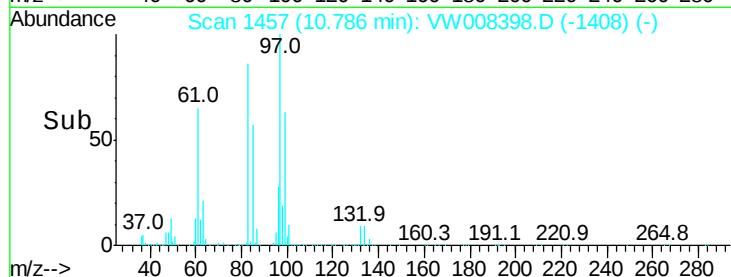
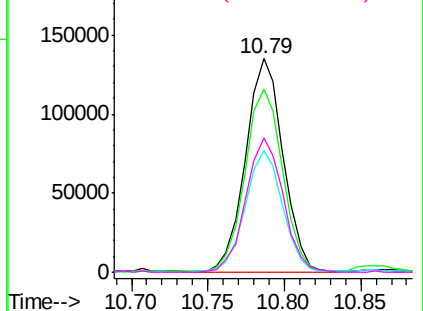
#55
 1,1,2-Trichloroethane
 Concen: 48.579 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	229374
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.3	97.9
85	56.6	42.6	64.0
99	63.3	50.2	75.2

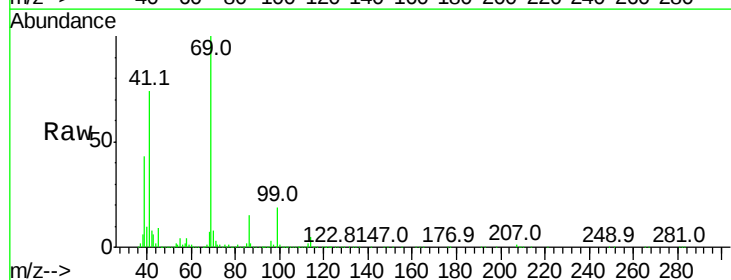


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

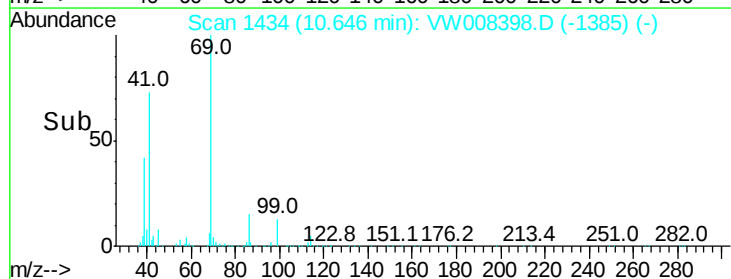
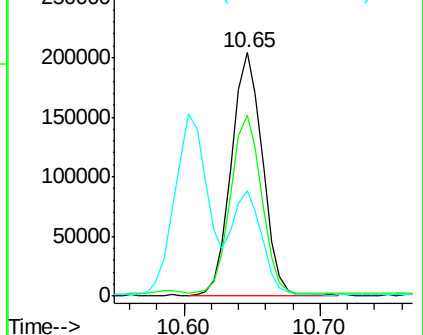


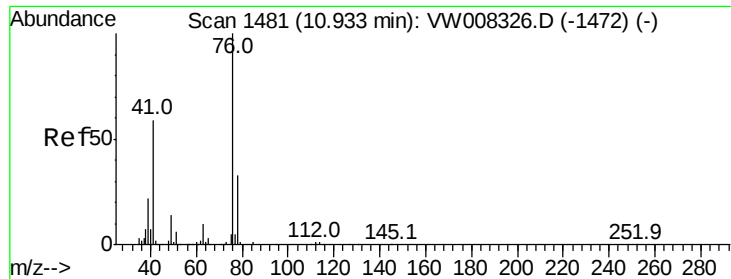
#56
 Ethyl methacrylate
 Concen: 58.267 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion:	69	Resp:	323103
Ion	Ratio	Lower	Upper
69	100		
41	73.4	52.9	79.3
39	40.7	28.4	42.6



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

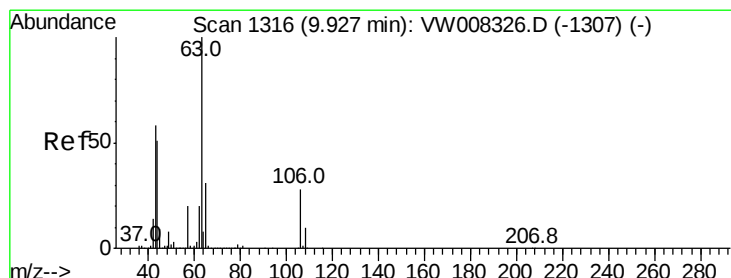
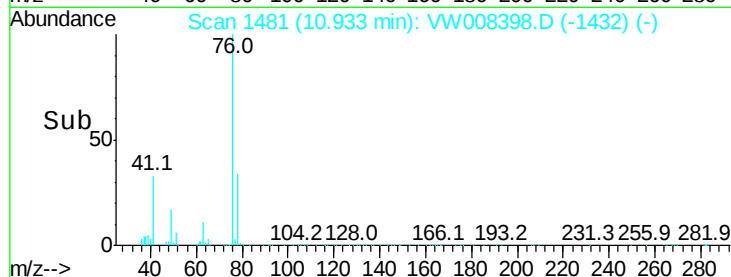
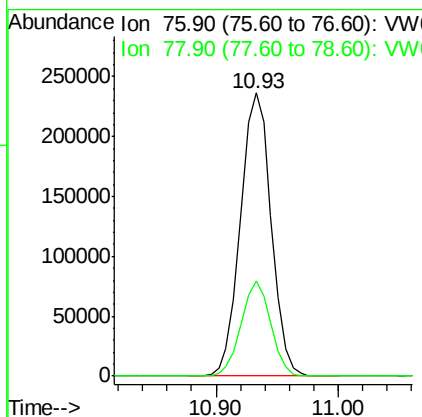
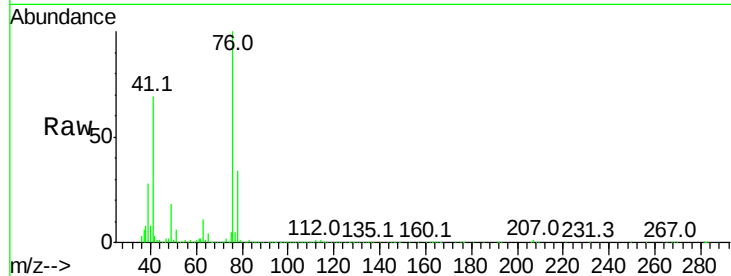




#57
 1,3-Dichloropropane
 Concen: 50.234 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

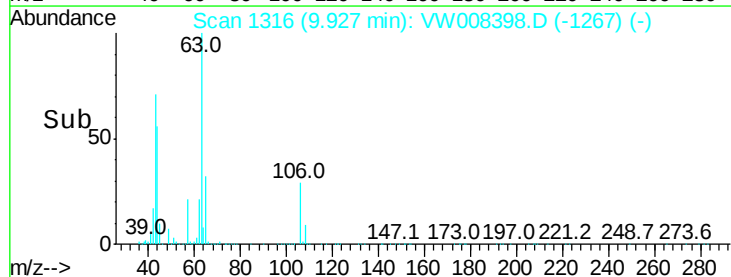
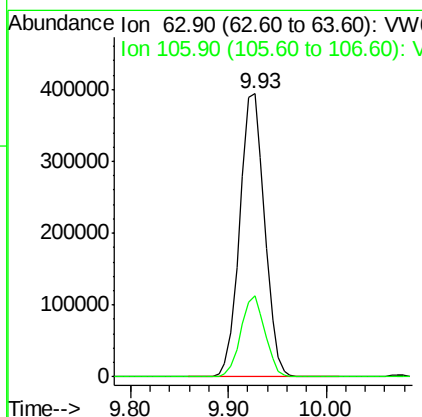
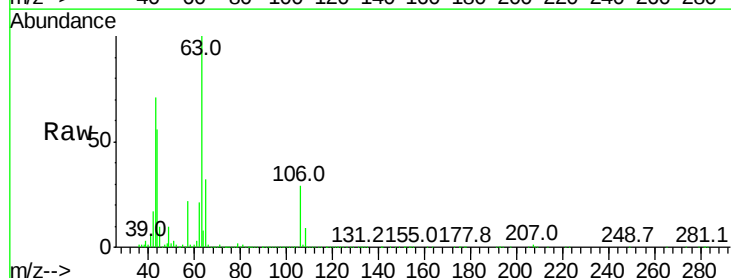
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

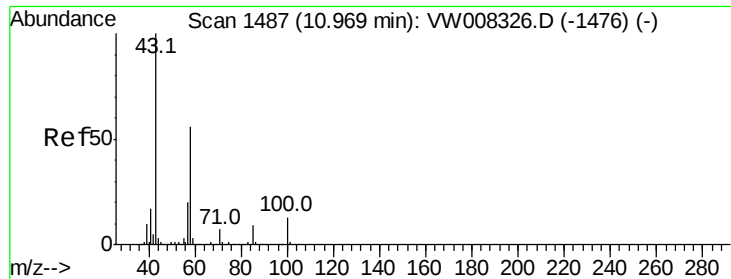
Tgt Ion: 76 Resp: 411835
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.928 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion: 63 Resp: 695243
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.9 34.3

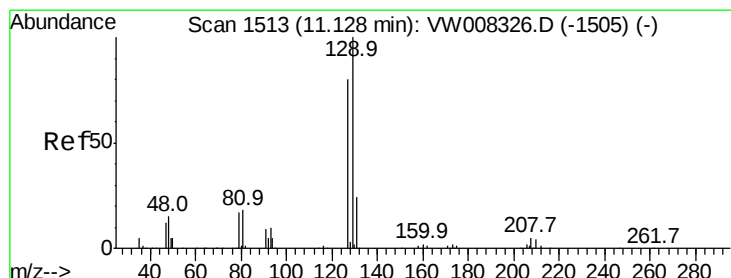
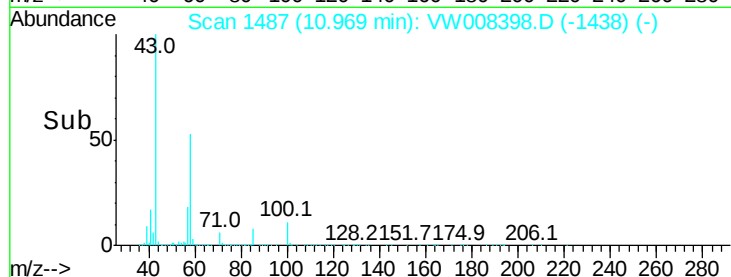
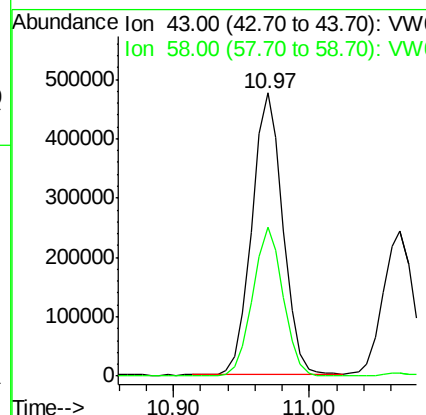
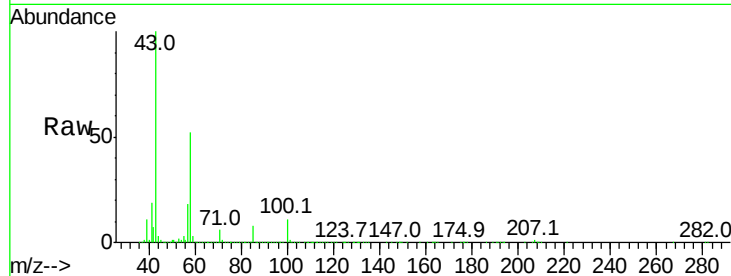




#59
2-Hexanone
Concen: 295.828 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

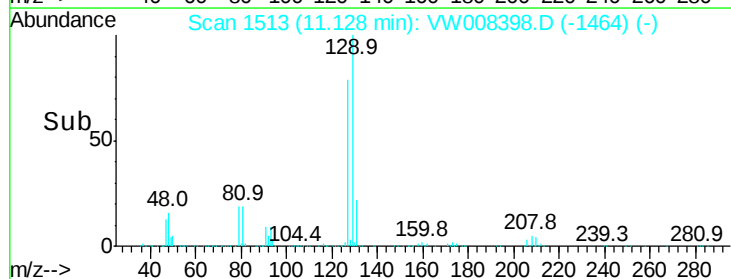
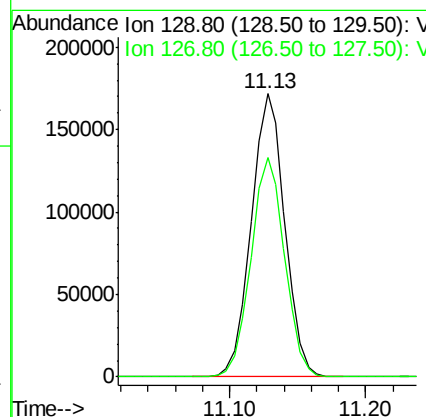
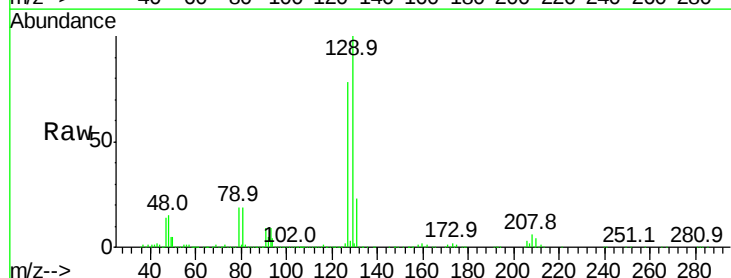
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

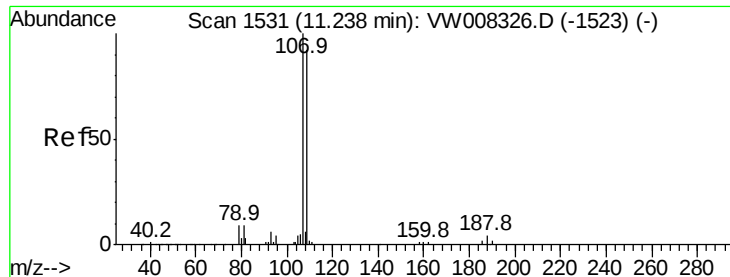
Tgt Ion: 43 Resp: 758910
Ion Ratio Lower Upper
43 100
58 51.8 27.5 82.5



#60
Dibromochloromethane
Concen: 52.497 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 129 Resp: 295828
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.810 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

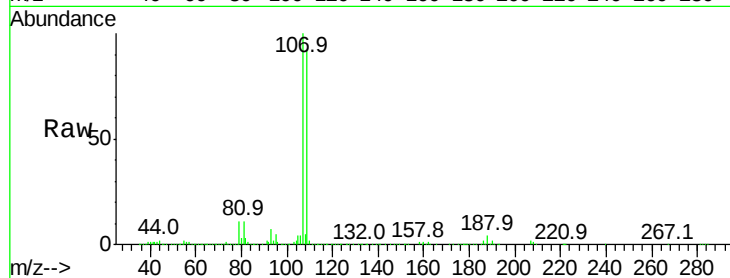
VSTDICCC050

Tgt Ion: 107 Resp: 227740

Ion Ratio Lower Upper

107 100

109 93.7 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

150000

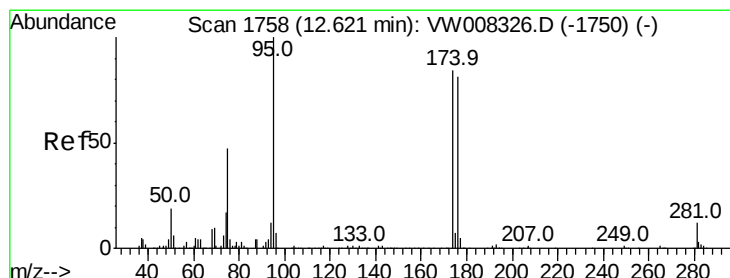
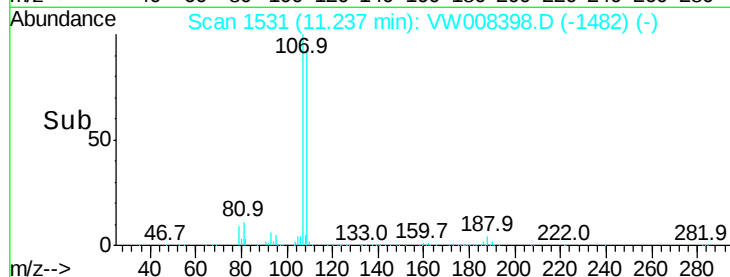
100000

50000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 50.310 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

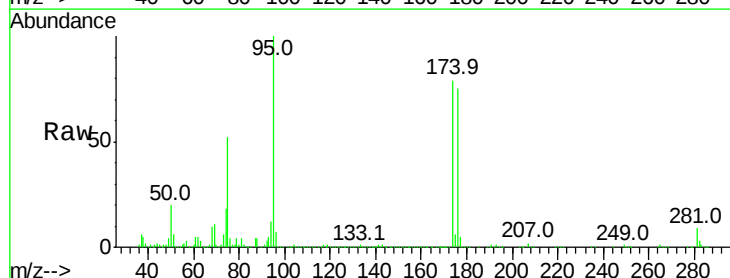
Tgt Ion: 95 Resp: 417487

Ion Ratio Lower Upper

95 100

174 78.8 0.0 166.0

176 75.9 0.0 160.0



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

300000

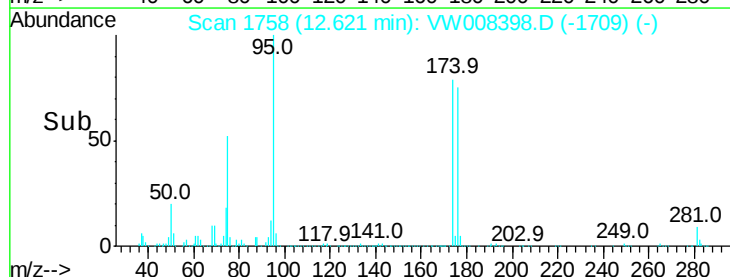
200000

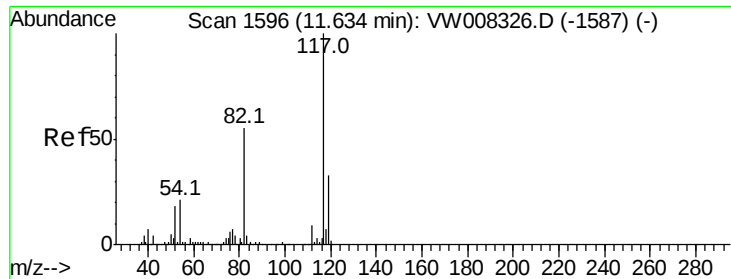
100000

0

Time-->

12.55 12.60 12.65 12.70

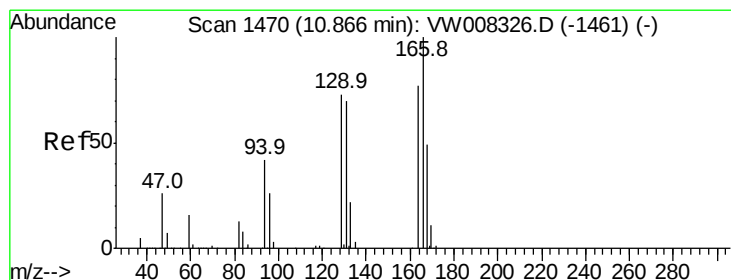
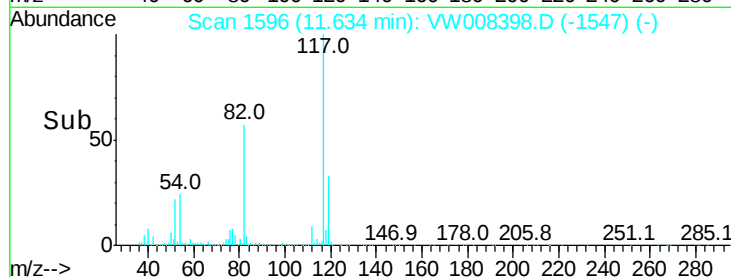
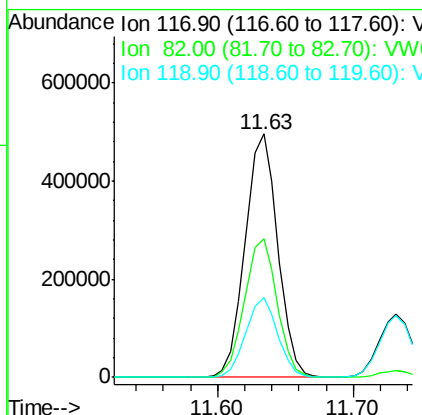
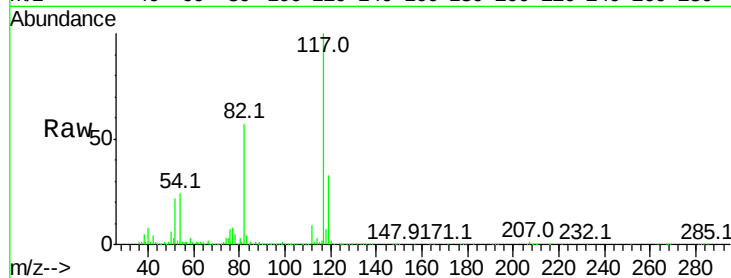




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

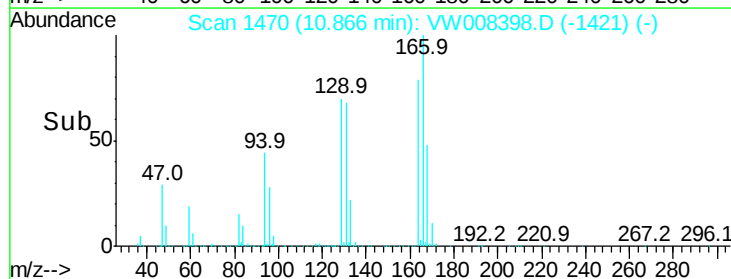
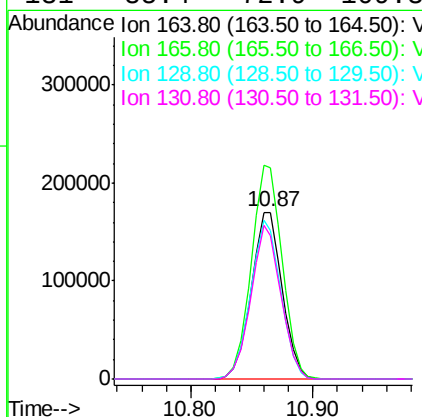
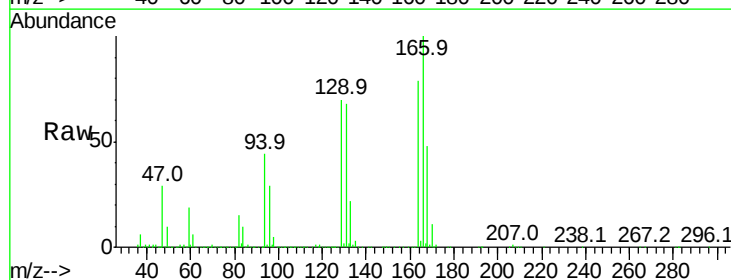
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

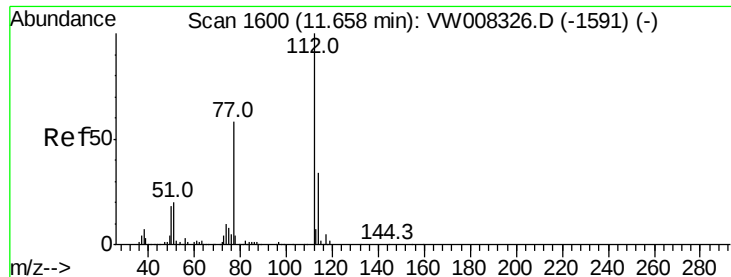
Tgt Ion:117 Resp: 832059
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 51.335 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:164 Resp: 299501
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.2
129 88.8 75.0 112.6
131 85.4 72.9 109.3

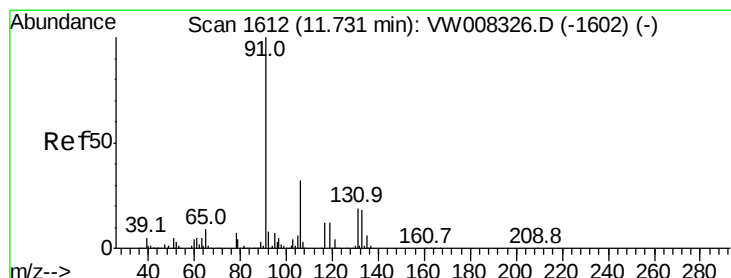
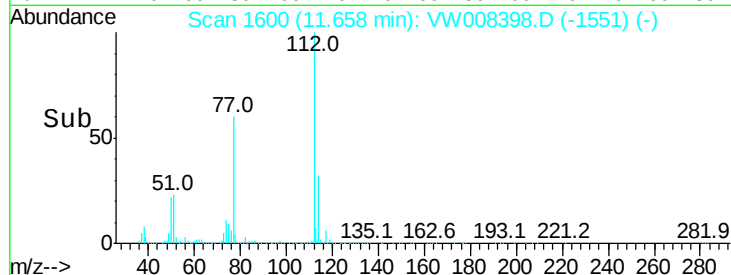
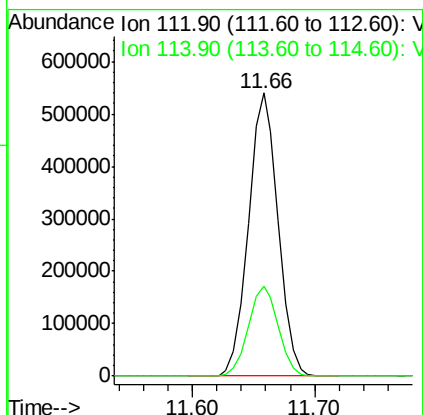
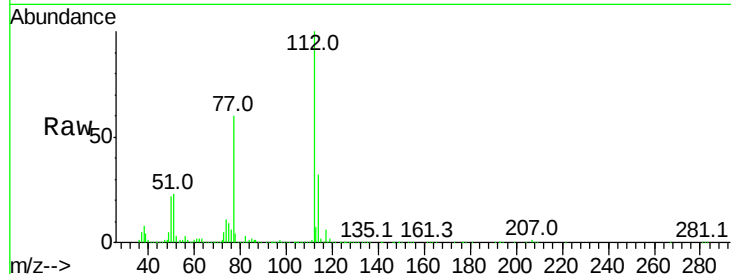




#65
Chlorobenzene
Concen: 49.888 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

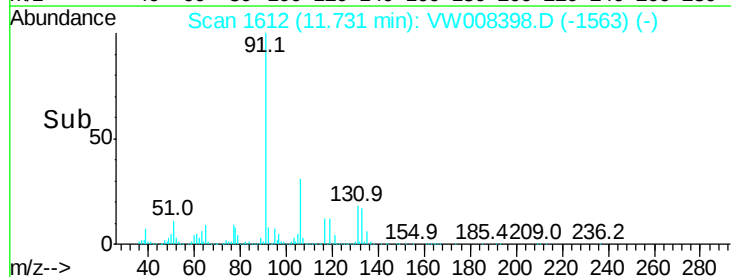
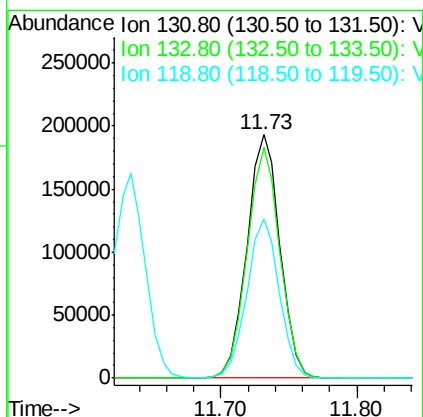
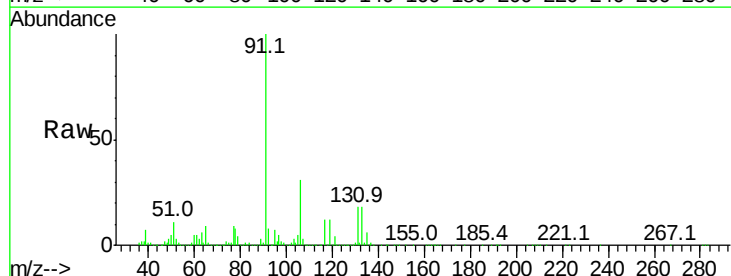
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

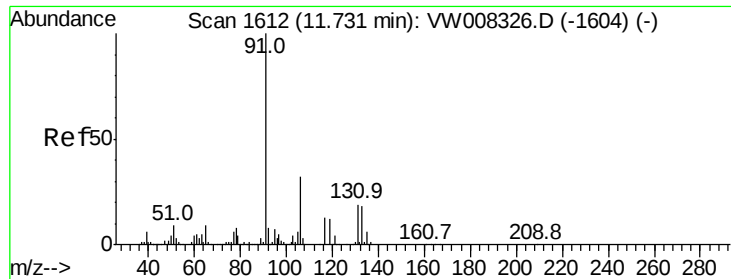
Tgt Ion:112 Resp: 905425
Ion Ratio Lower Upper
112 100
114 31.8 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.351 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:131 Resp: 327008
Ion Ratio Lower Upper
131 100
133 94.1 48.2 144.6
119 64.2 31.6 94.7

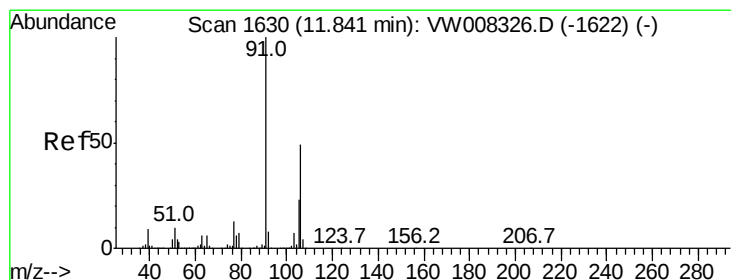
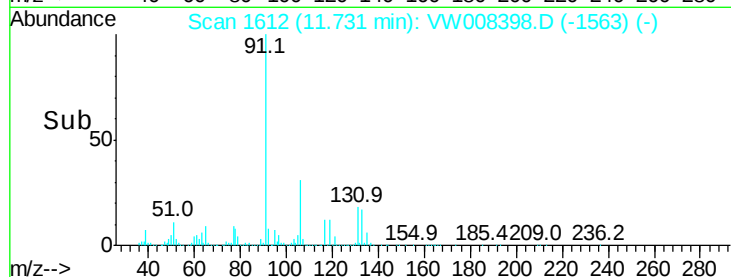
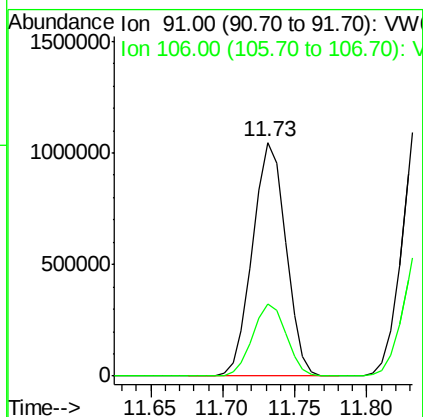
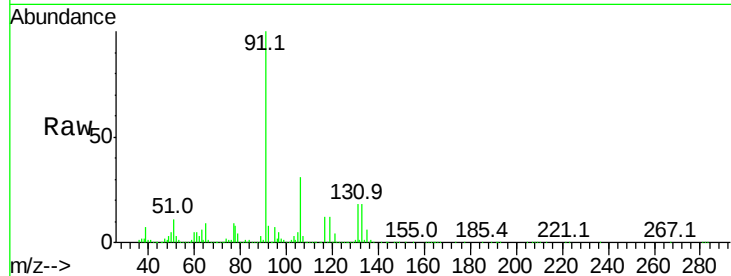




#67
Ethyl Benzene
Concen: 53.117 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

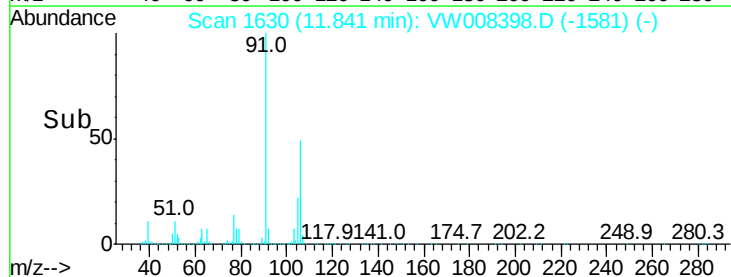
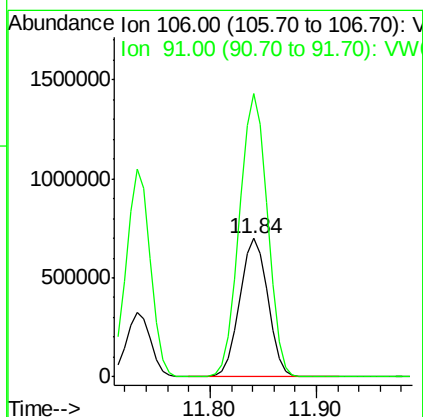
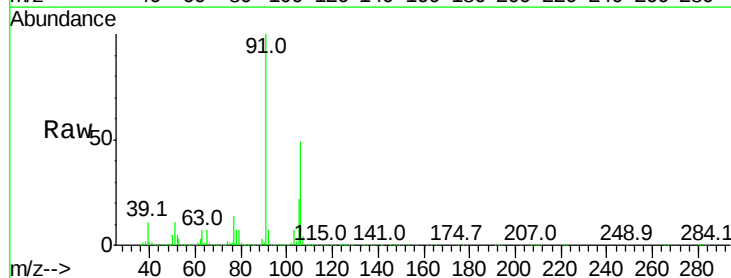
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

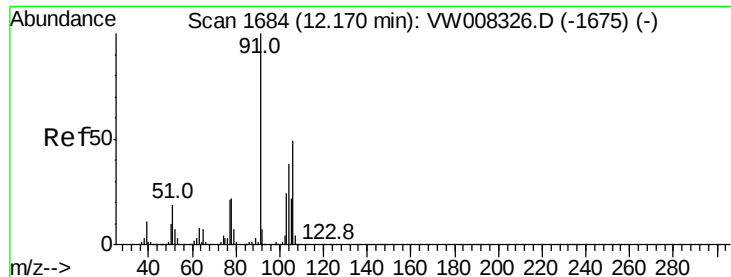
Tgt Ion: 91 Resp: 1673854
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 106.389 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion: 106 Resp: 1301298
Ion Ratio Lower Upper
106 100
91 203.6 158.4 237.6

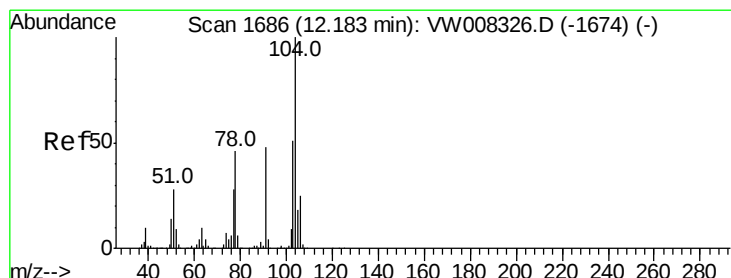
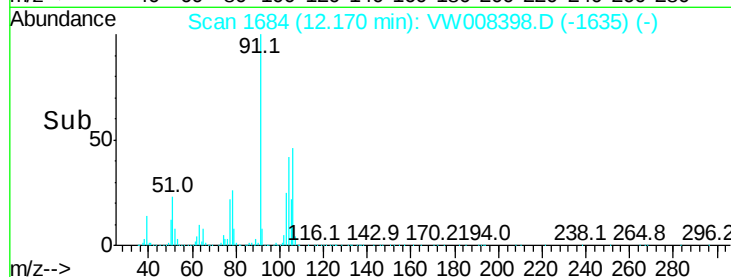
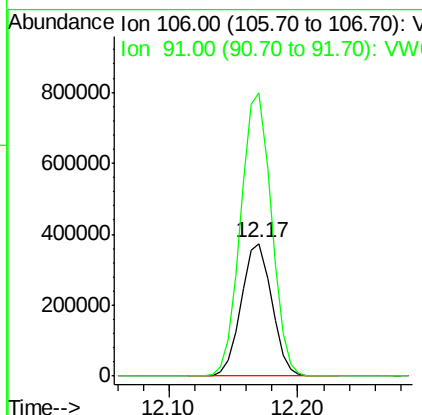
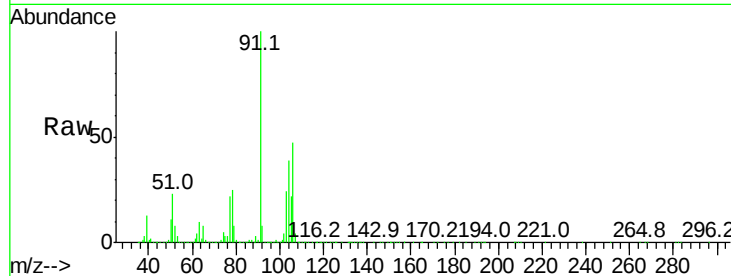




#69
o-Xylene
Concen: 53.502 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

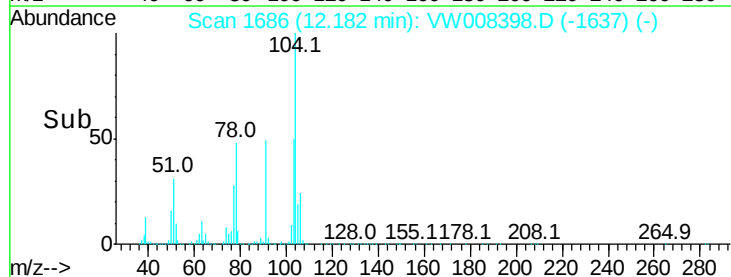
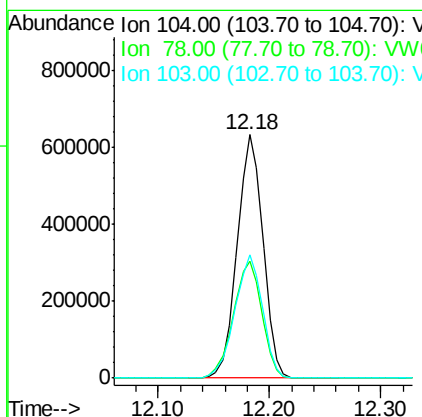
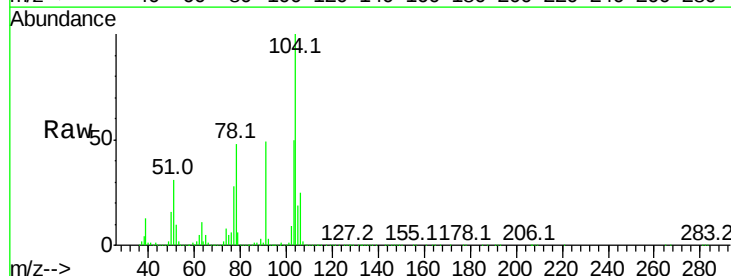
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

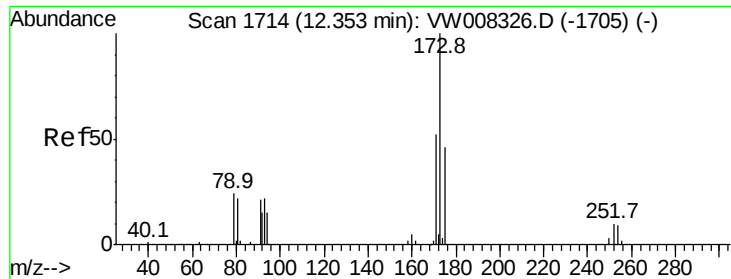
Tgt Ion:106 Resp: 611389
Ion Ratio Lower Upper
106 100
91 214.9 104.1 312.3



#70
Styrene
Concen: 55.199 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:104 Resp: 1013209
Ion Ratio Lower Upper
104 100
78 53.0 39.8 59.6
103 54.2 44.0 66.0





#71

Bromoform

Concen: 59.158 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

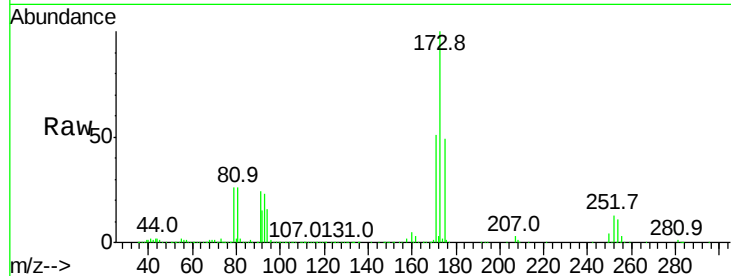
Tgt Ion:173 Resp: 184082

Ion Ratio Lower Upper

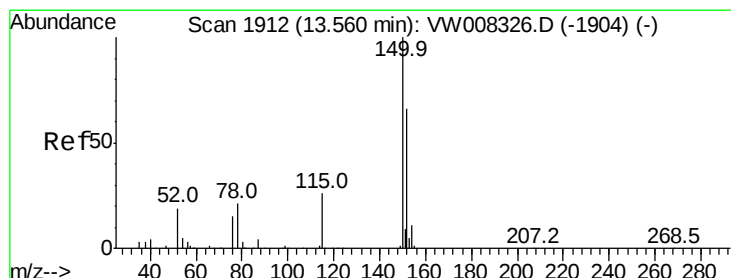
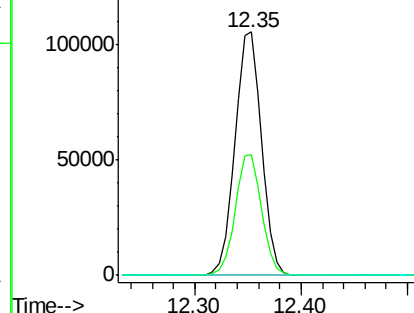
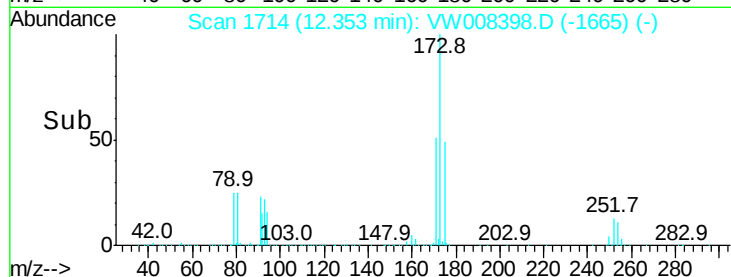
173 100

175 48.9 23.6 70.8

254 0.2 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: VW008398.D

Acq: 24 Jan 2019 15:42

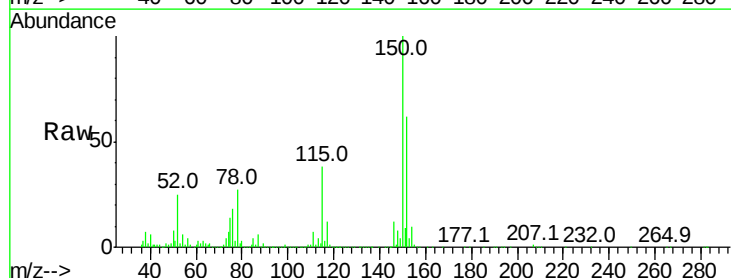
Tgt Ion:152 Resp: 434057

Ion Ratio Lower Upper

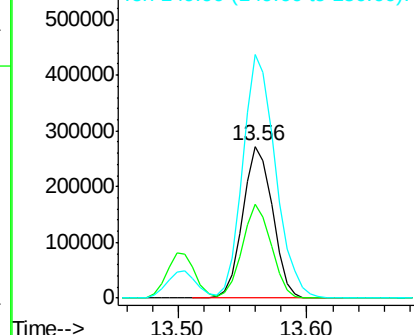
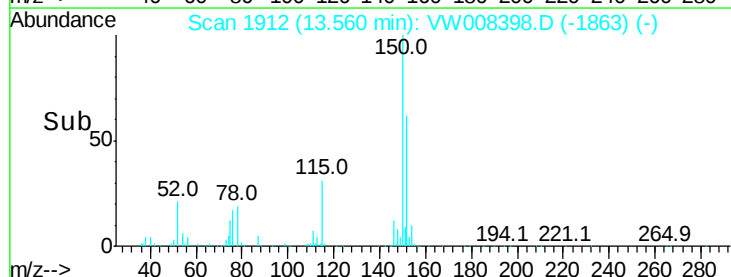
152 100

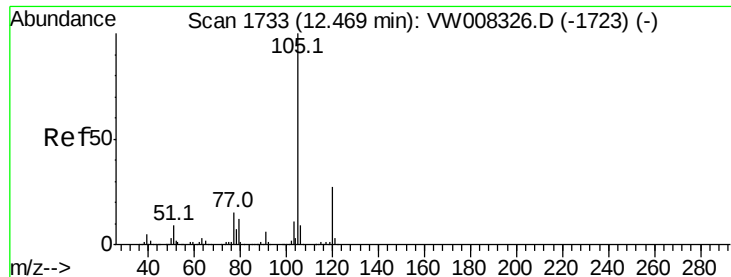
115 59.8 28.8 86.4

150 175.7 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: 54.135 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

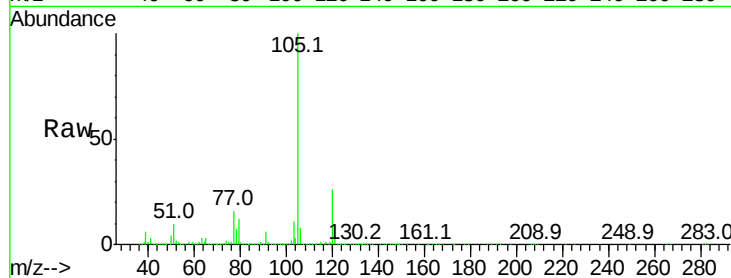
VSTDICCC050

Tgt Ion:105 Resp: 1712108

Ion Ratio Lower Upper

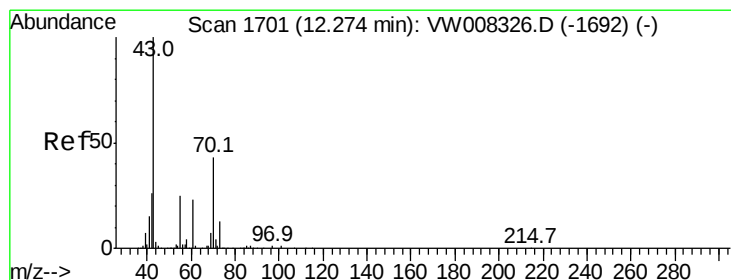
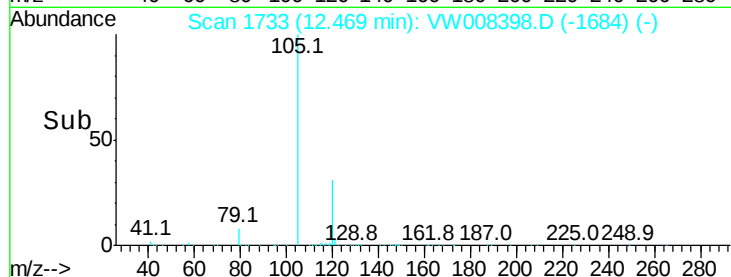
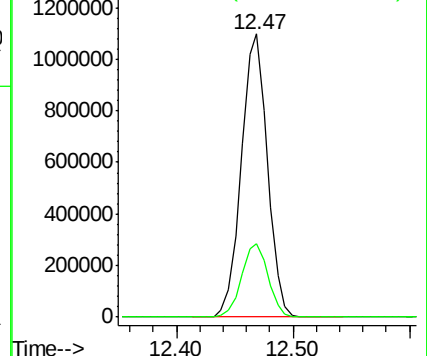
105 100

120 26.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 65.241 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Tgt Ion: 43 Resp: 442186

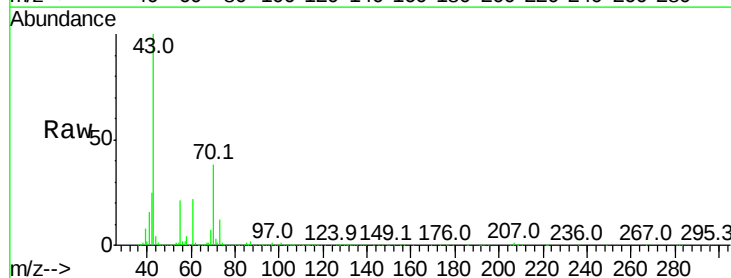
Ion Ratio Lower Upper

43 100

70 38.8 34.6 52.0

55 21.8 20.0 30.0

61 22.8 19.6 29.4

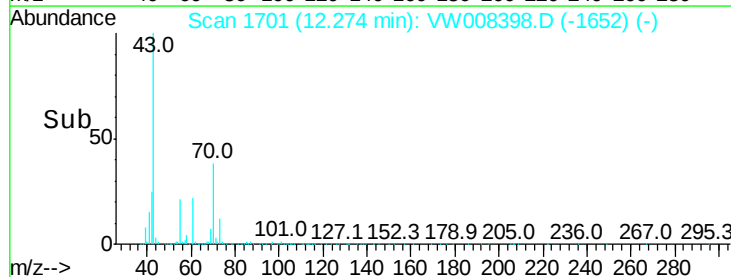
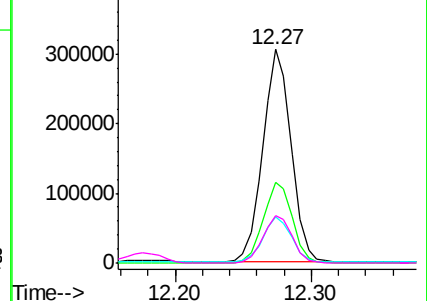


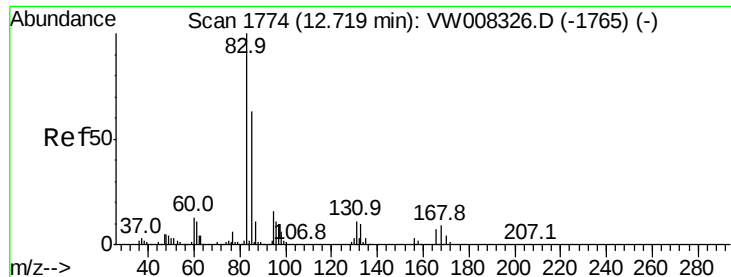
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.395 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

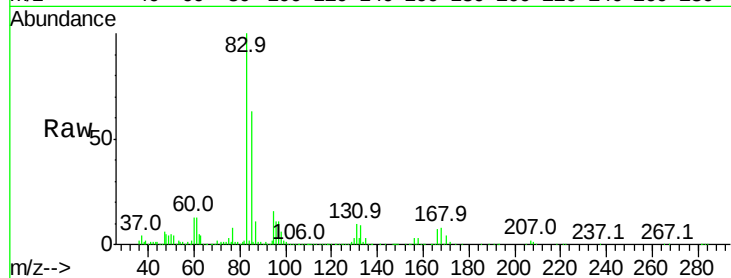
Tgt Ion: 83 Resp: 271098

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

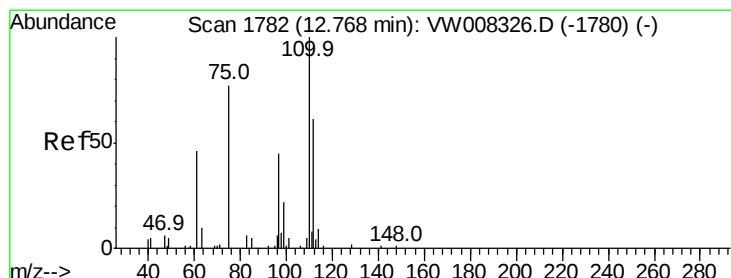
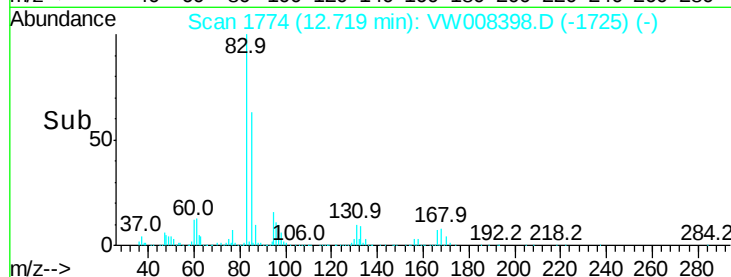
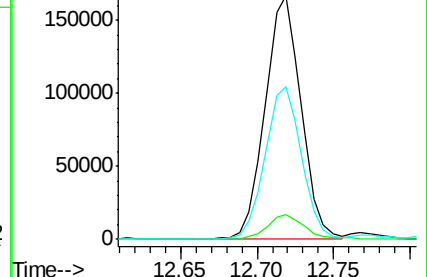
85 63.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 98.416 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008398.D

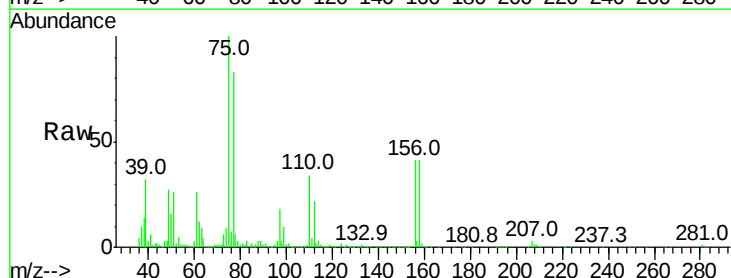
Acq: 24 Jan 2019 15:42

Tgt Ion: 75 Resp: 389015

Ion Ratio Lower Upper

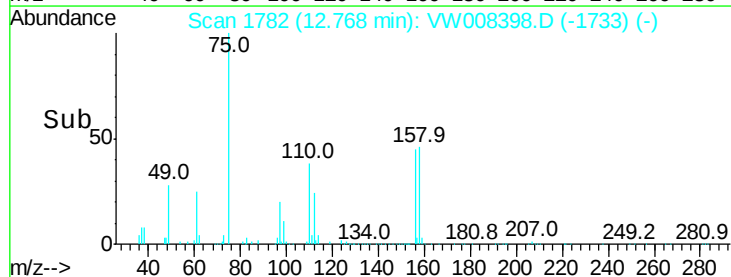
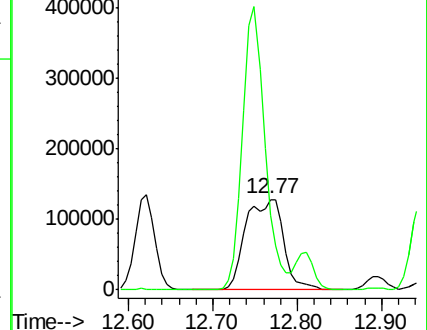
75 100

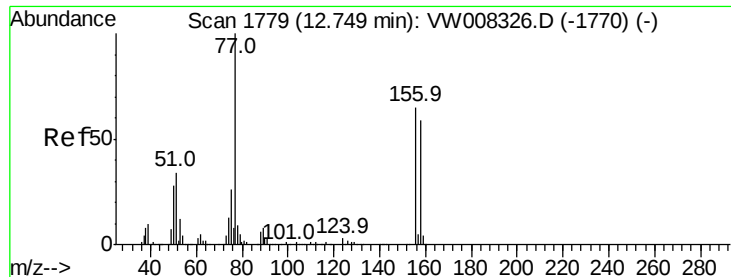
77 184.1 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.652 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

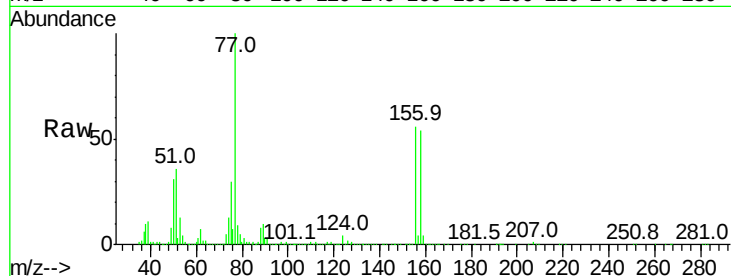
Tgt Ion:156 Resp: 369593

Ion Ratio Lower Upper

156 100

77 193.8 88.3 264.9

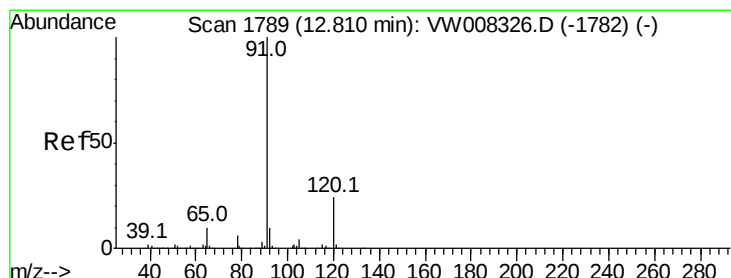
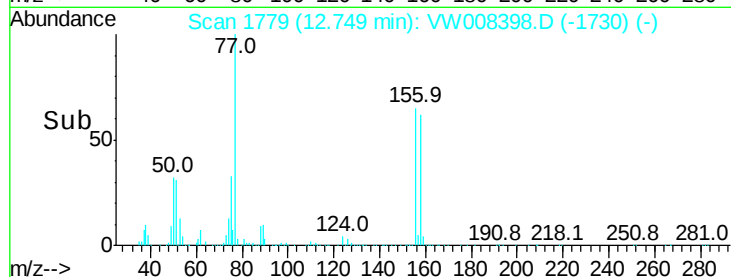
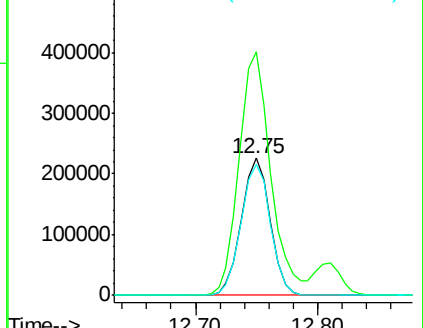
158 97.6 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.341 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008398.D

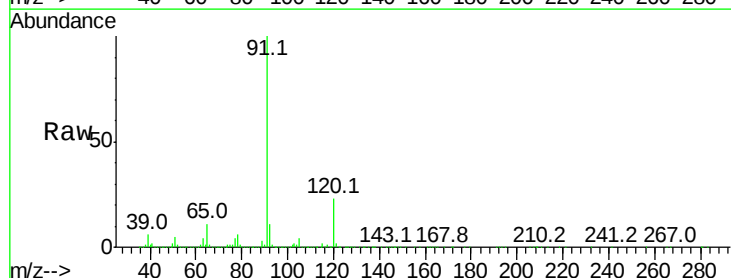
Acq: 24 Jan 2019 15:42

Tgt Ion: 91 Resp: 2080174

Ion Ratio Lower Upper

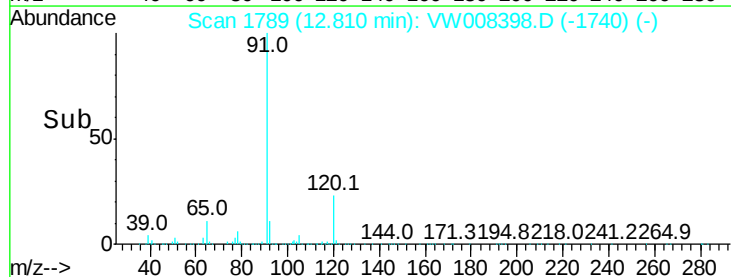
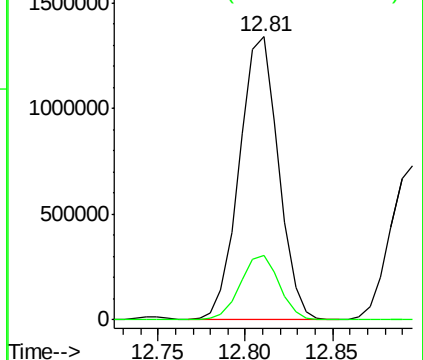
91 100

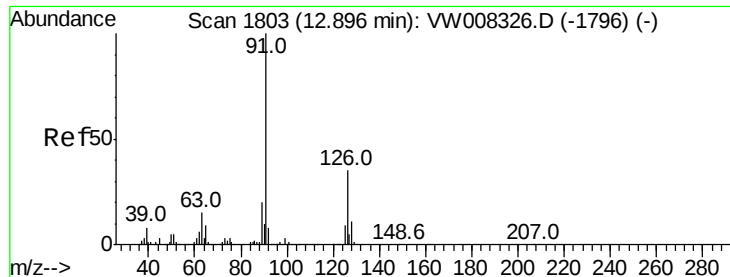
120 22.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.196 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

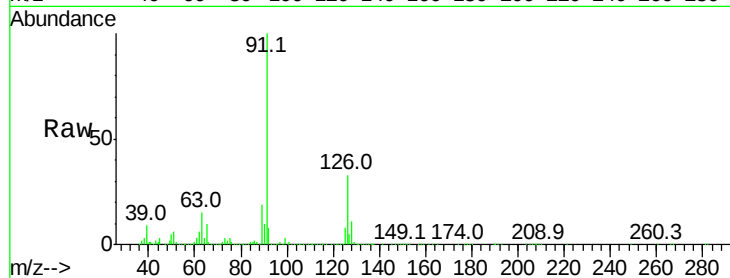
VSTDICCC050

Tgt Ion: 91 Resp: 1163475

Ion Ratio Lower Upper

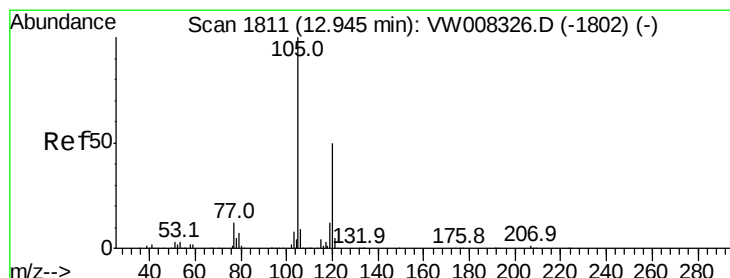
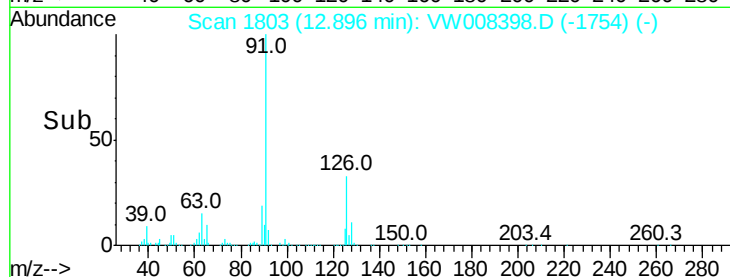
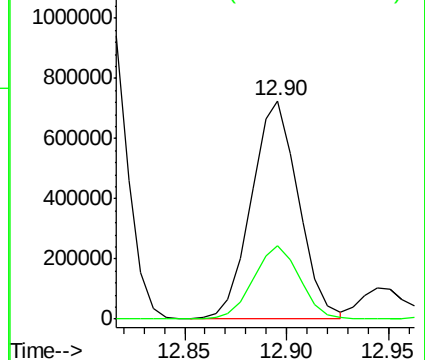
91 100

126 33.0 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.666 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008398.D

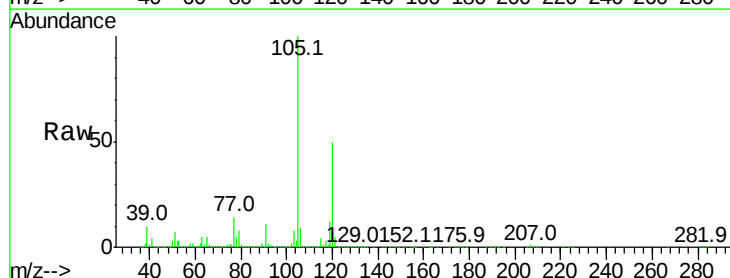
Acq: 24 Jan 2019 15:42

Tgt Ion:105 Resp: 1442719

Ion Ratio Lower Upper

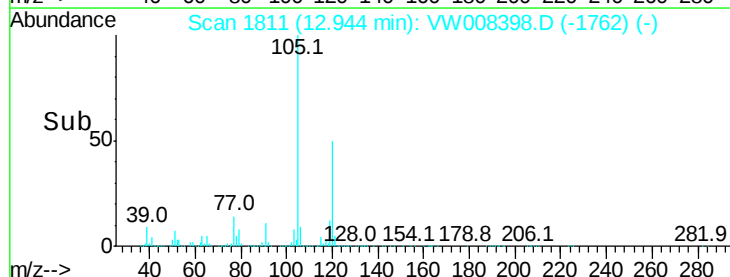
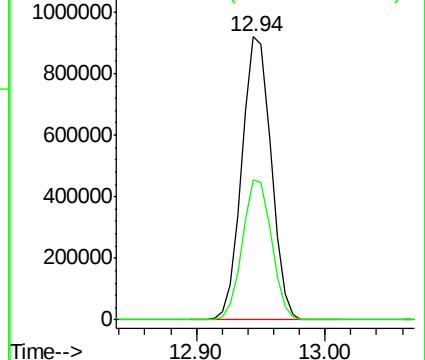
105 100

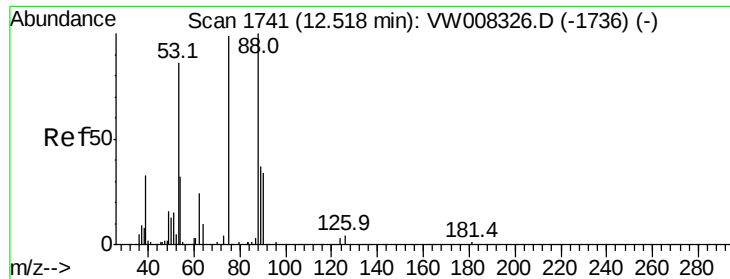
120 49.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.828 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

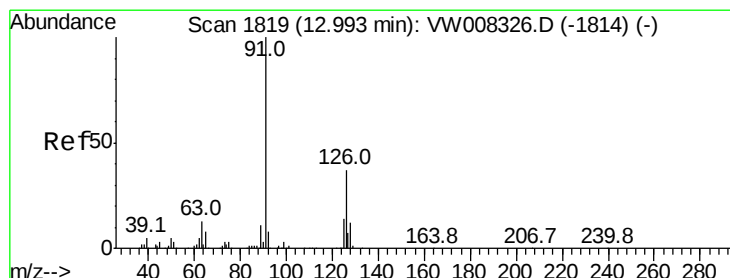
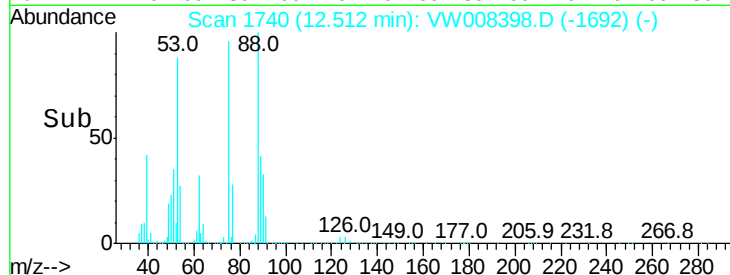
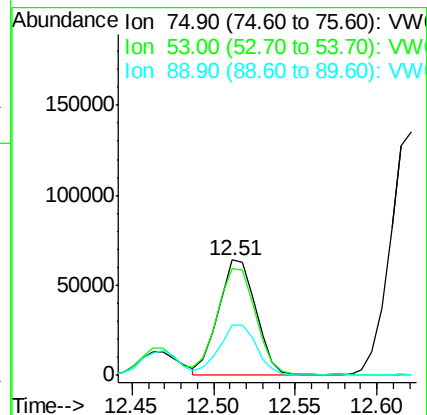
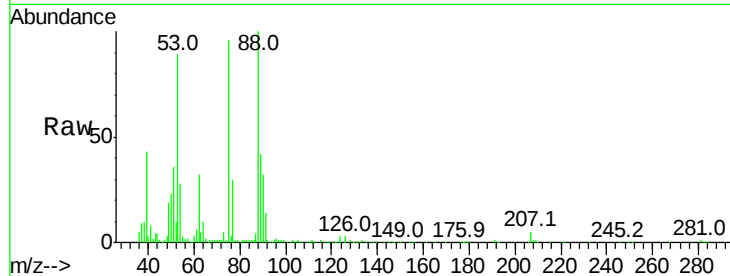
Tgt Ion: 75 Resp: 102409

Ion Ratio Lower Upper

75 100

53 95.0 76.2 114.4

89 44.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 54.357 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008398.D

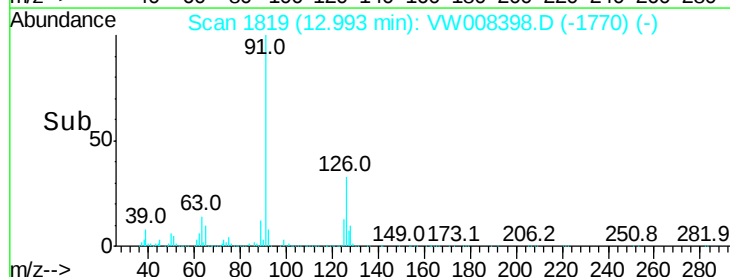
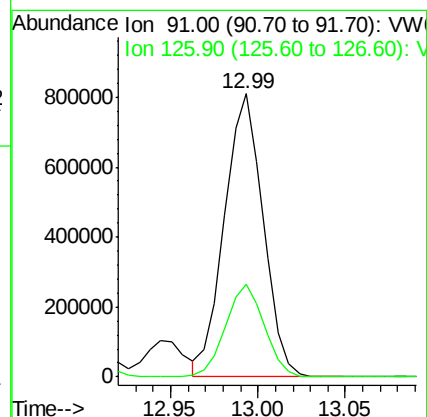
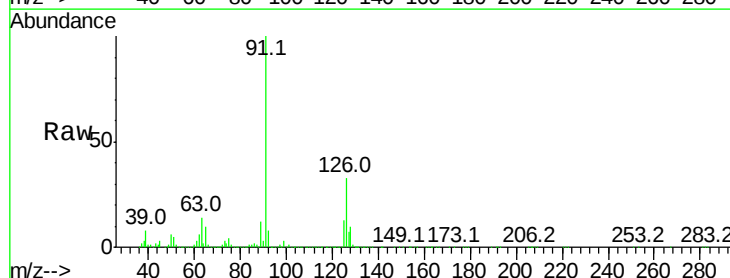
Acq: 24 Jan 2019 15:42

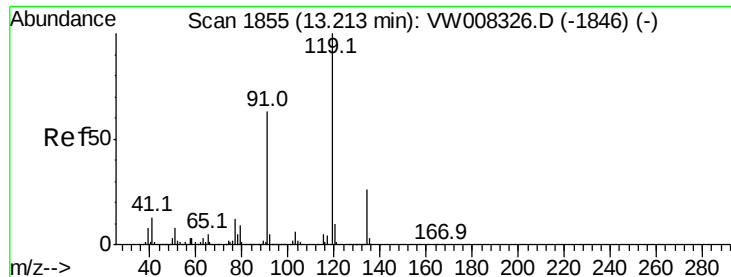
Tgt Ion: 91 Resp: 1242354

Ion Ratio Lower Upper

91 100

126 32.8 17.8 53.3

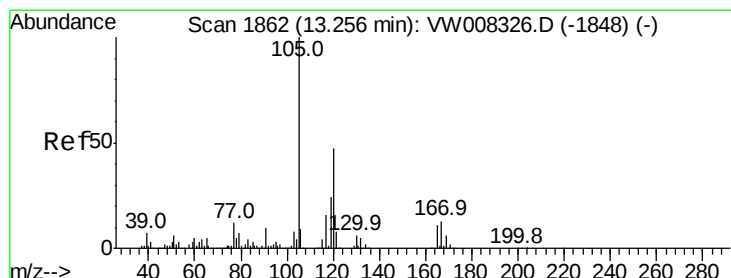
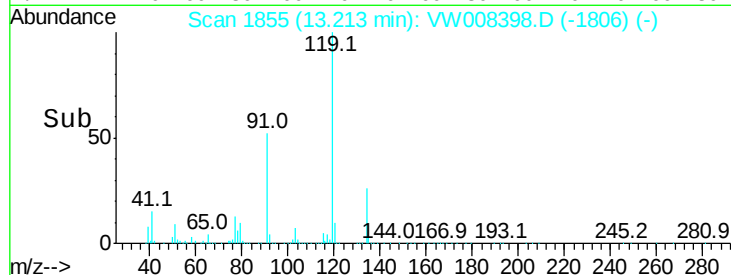
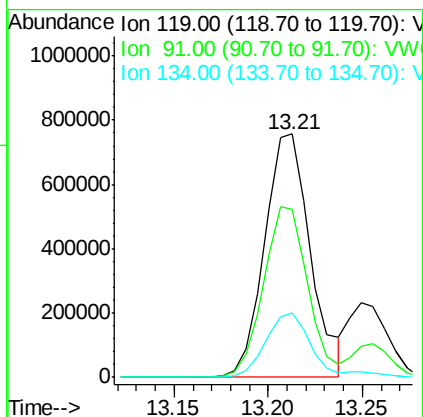
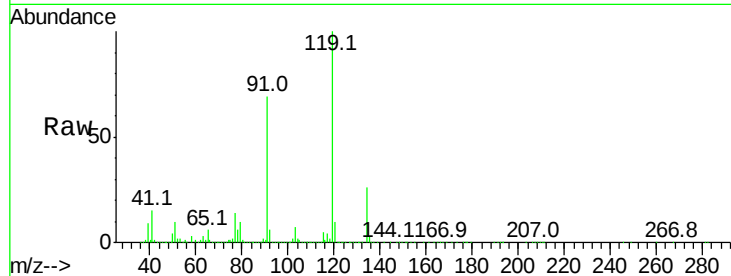




#83
 tert-Butylbenzene
 Concen: 54.990 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

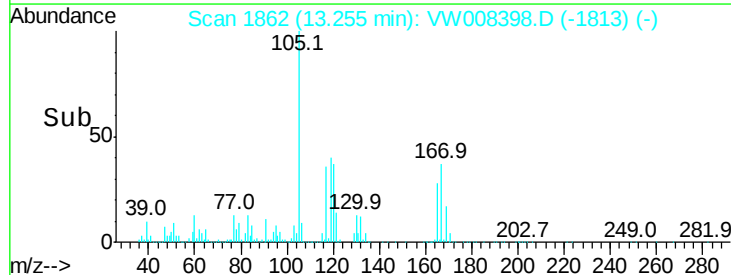
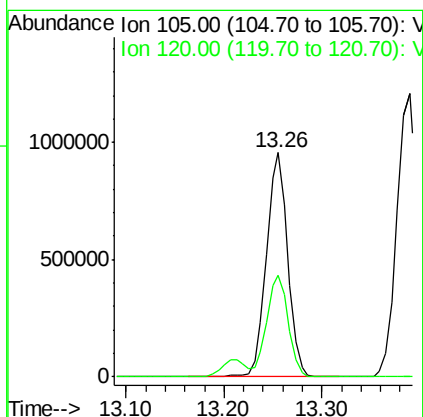
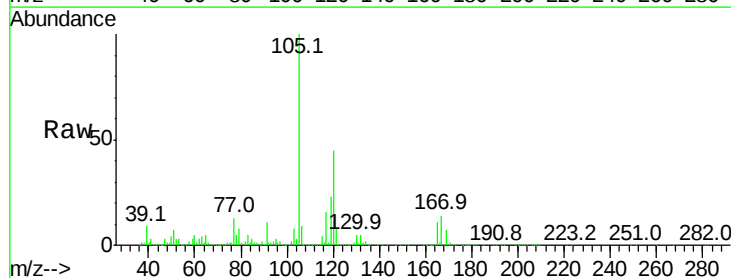
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

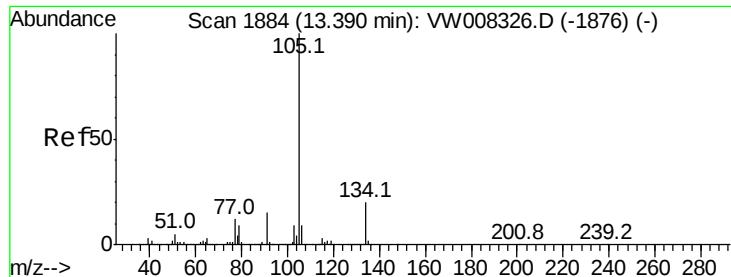
Tgt Ion:119 Resp: 1277343
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.4 97.0
 134 26.9 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.305 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion:105 Resp: 1460006
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.5 70.6





#85

sec-Butylbenzene

Concen: 55.147 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

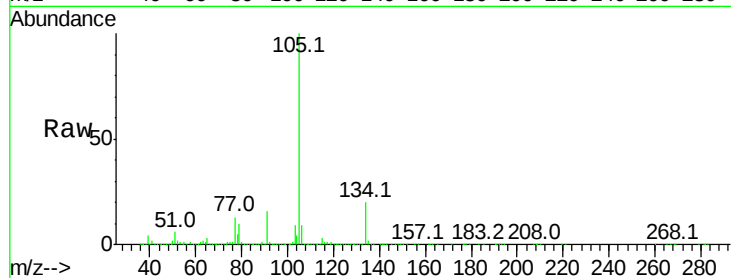
VSTDICCC050

Tgt Ion:105 Resp: 1839198

Ion Ratio Lower Upper

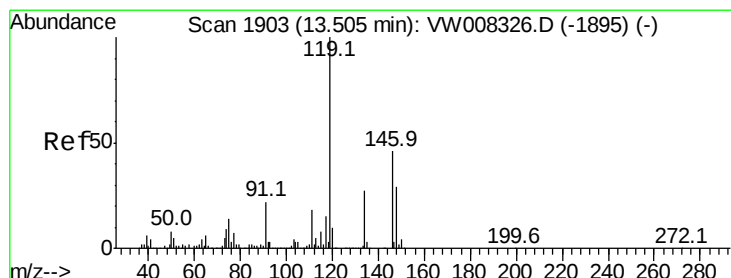
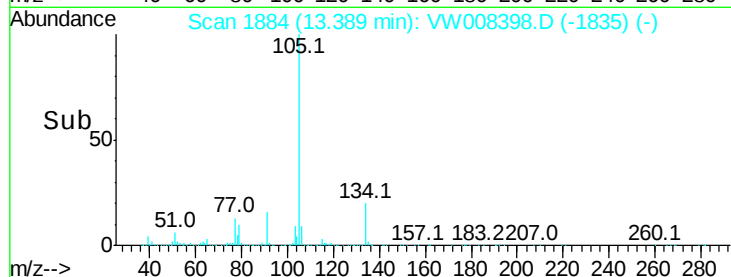
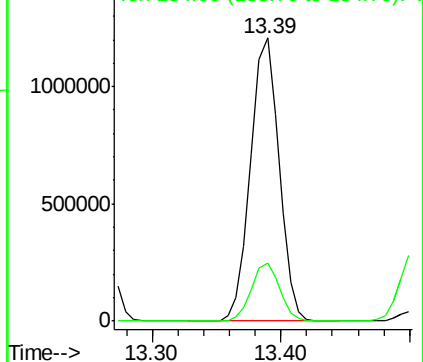
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.499 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

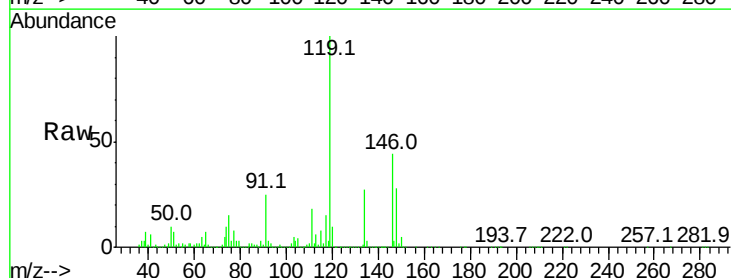
Tgt Ion:119 Resp: 1616628

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

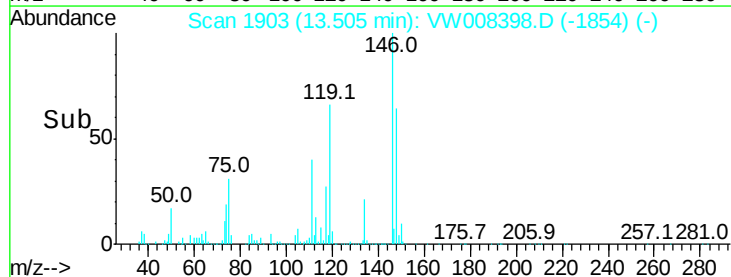
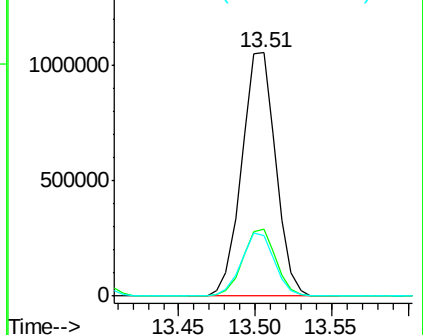
91 25.1 11.4 34.2

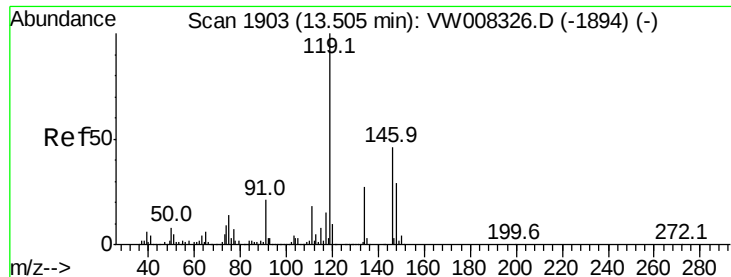


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.461 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

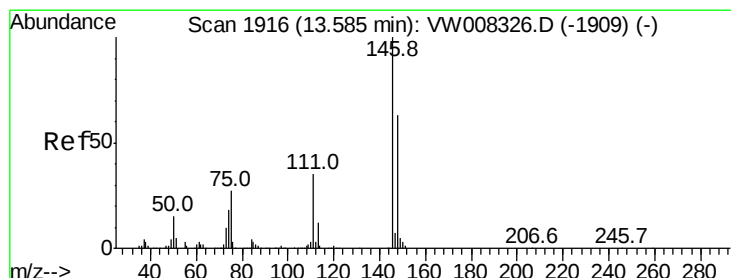
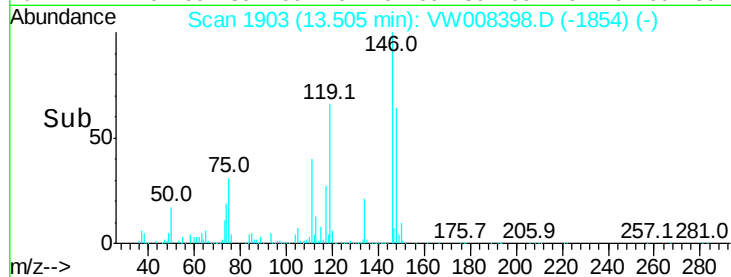
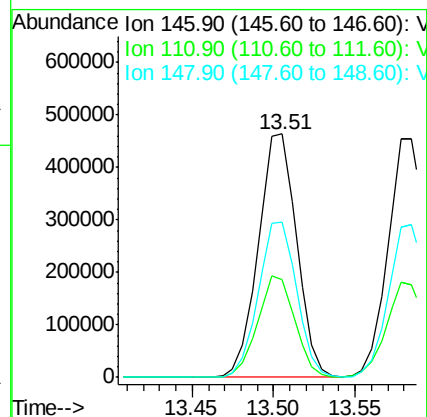
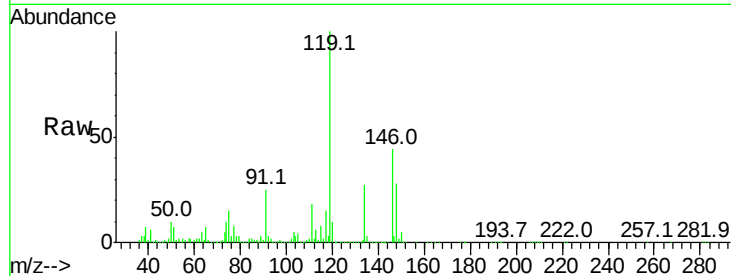
Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 761644

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	63.8	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 49.785 ug/l

RT: 13.58 min Scan# 1916

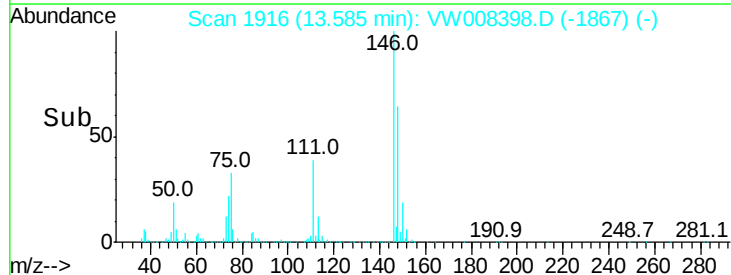
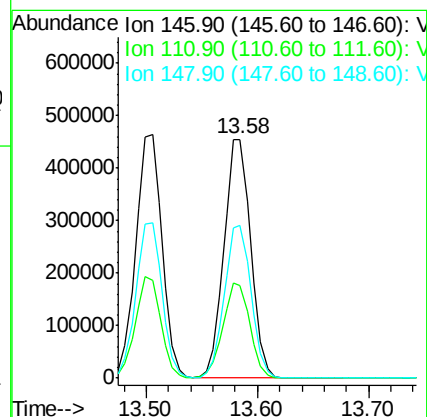
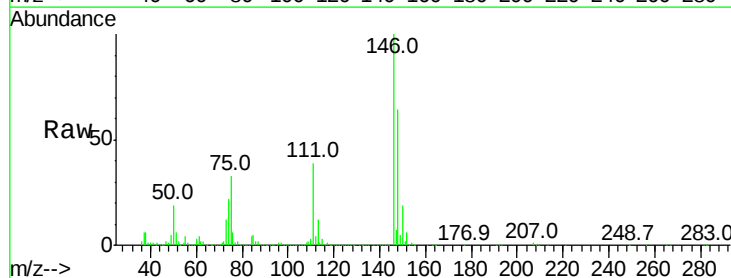
Delta R.T. -0.00 min

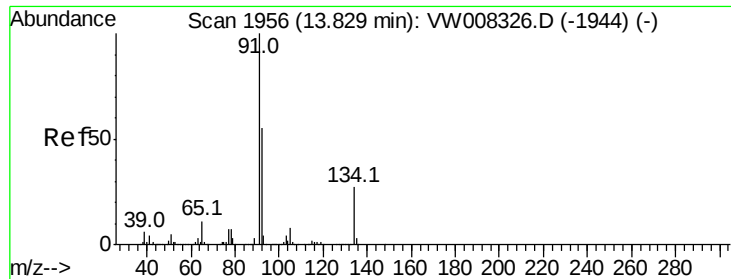
Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Tgt Ion:146 Resp: 752840

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.9	56.5
148	64.1	31.6	94.8





#89

n-Butylbenzene

Concen: 57.104 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

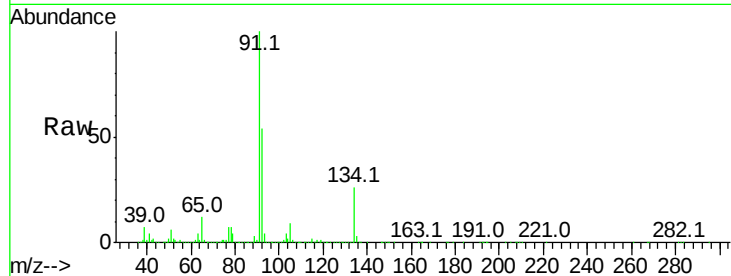
Tgt Ion: 91 Resp: 1595547

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.6

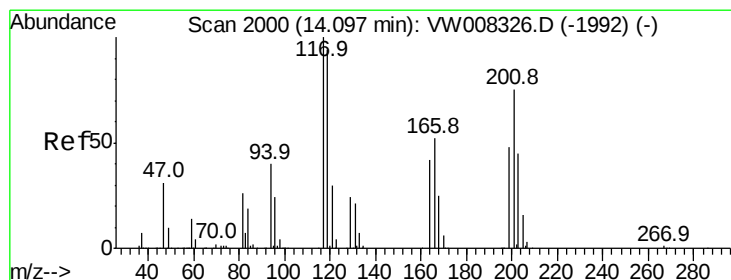
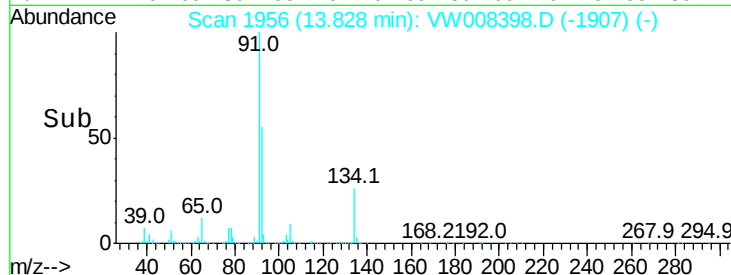
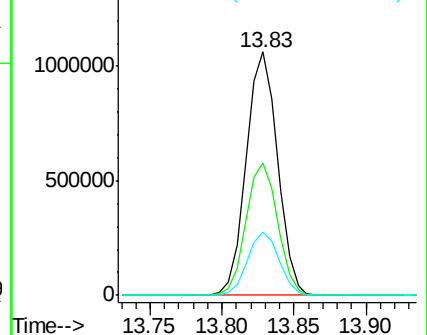
134 26.0 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 58.761 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008398.D

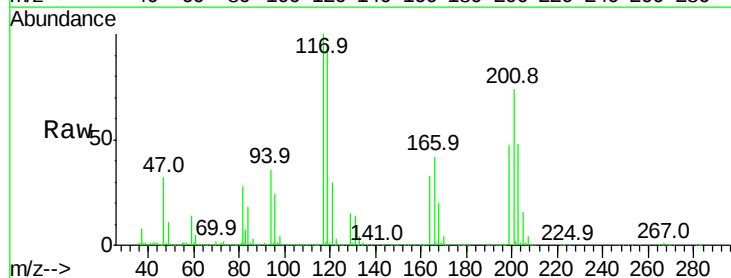
Acq: 24 Jan 2019 15:42

Tgt Ion: 117 Resp: 316763

Ion Ratio Lower Upper

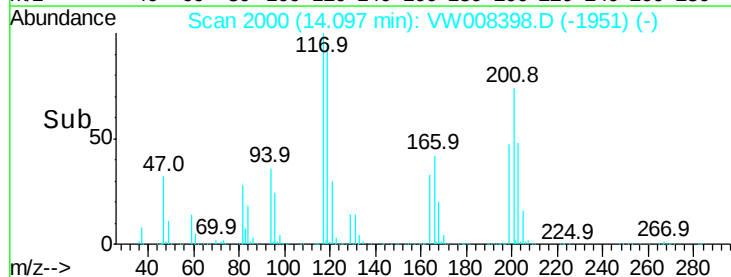
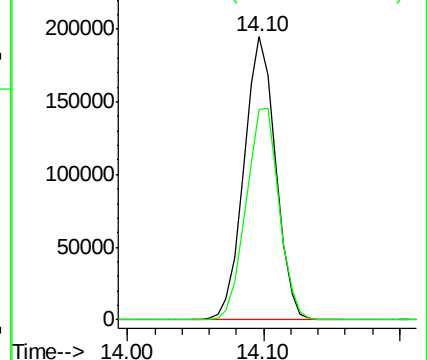
117 100

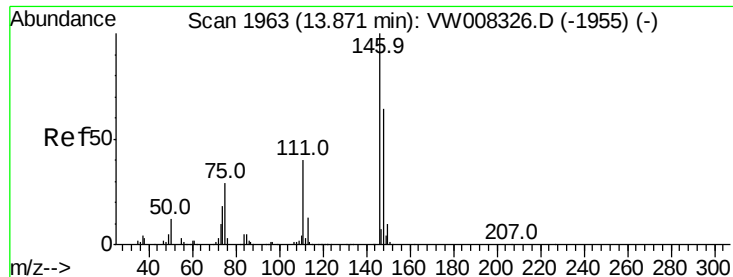
201 78.3 39.3 117.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.320 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

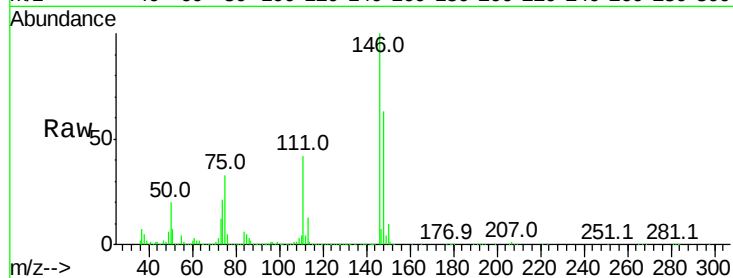
Tgt Ion:146 Resp: 670577

Ion Ratio Lower Upper

146 100

111 42.2 19.6 58.8

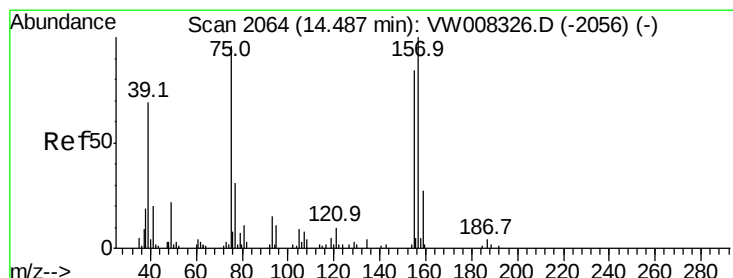
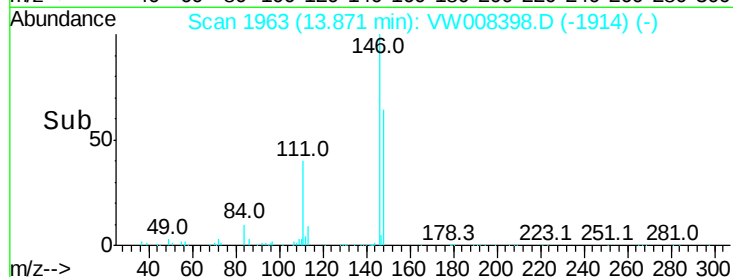
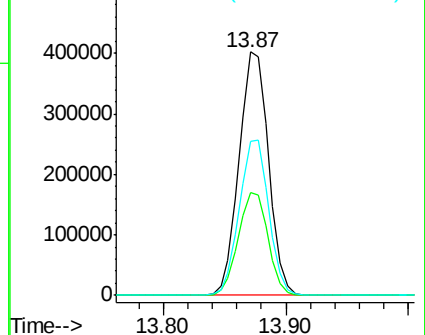
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.011 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008398.D

Acq: 24 Jan 2019 15:42

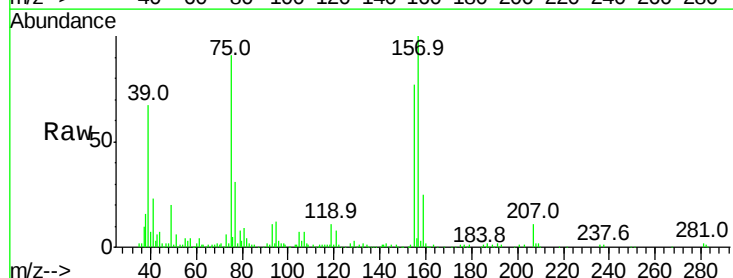
Tgt Ion: 75 Resp: 50148

Ion Ratio Lower Upper

75 100

155 85.4 44.7 134.1

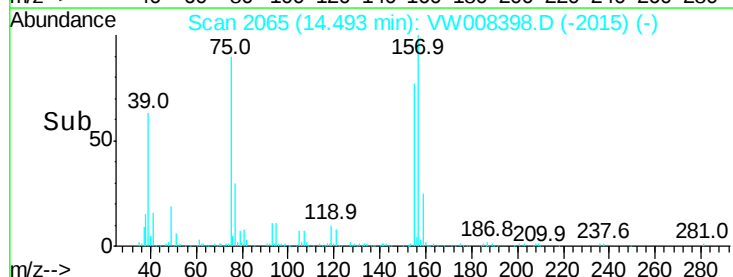
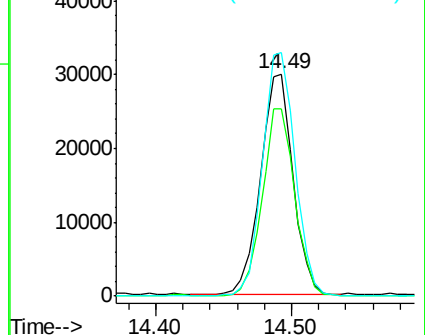
157 110.9 53.9 161.8

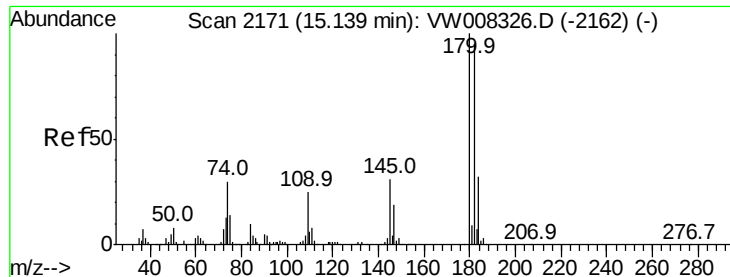


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

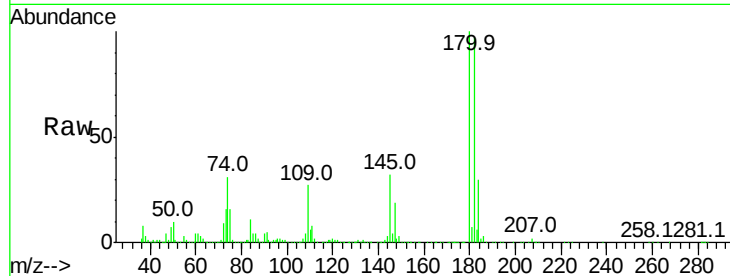




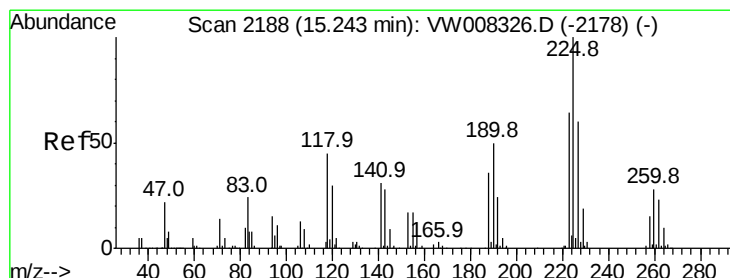
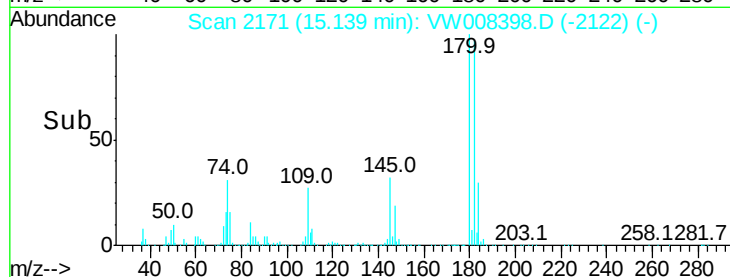
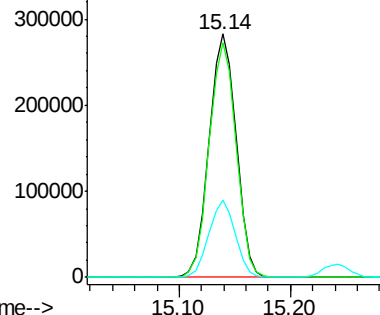
#93
 1,2,4-Trichlorobenzene
 Concen: 52.759 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 475946
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.8
 145 31.0 14.8 44.4

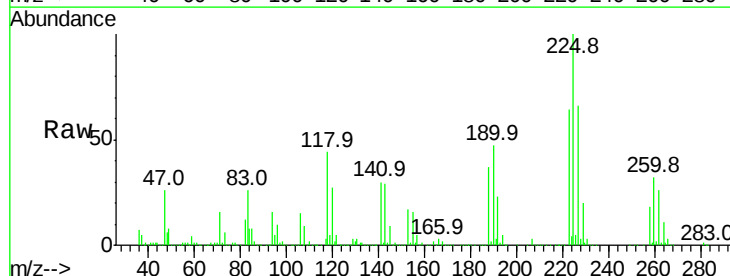


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

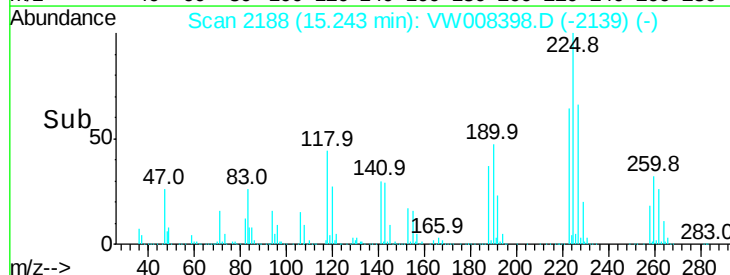
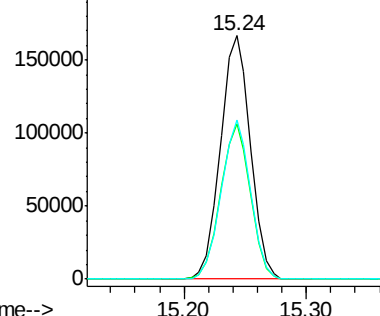


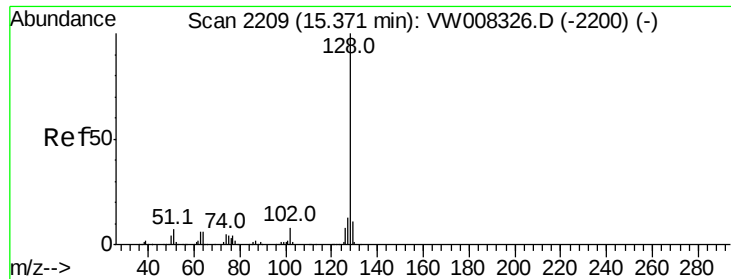
#94
 Hexachlorobutadiene
 Concen: 55.724 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008398.D
 Acq: 24 Jan 2019 15:42

Tgt Ion:225 Resp: 283309
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.3
 227 64.2 30.3 90.8



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

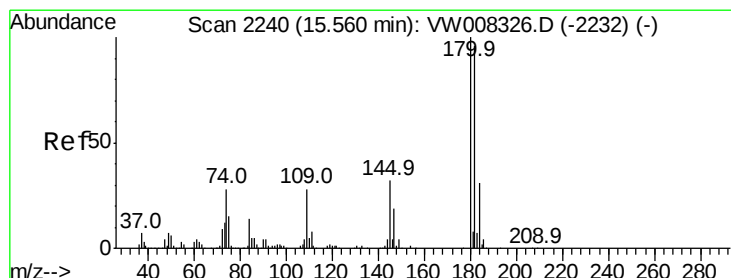
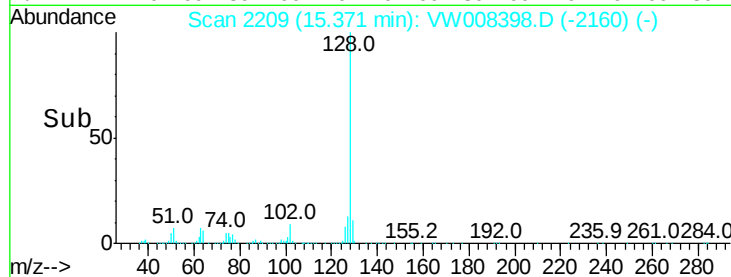
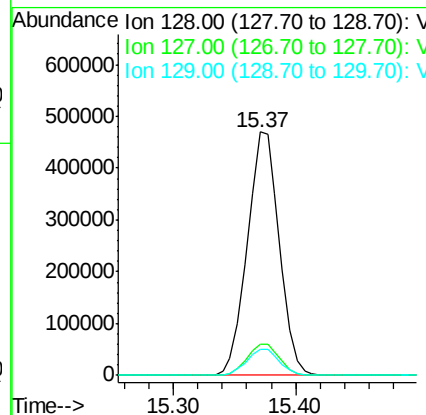
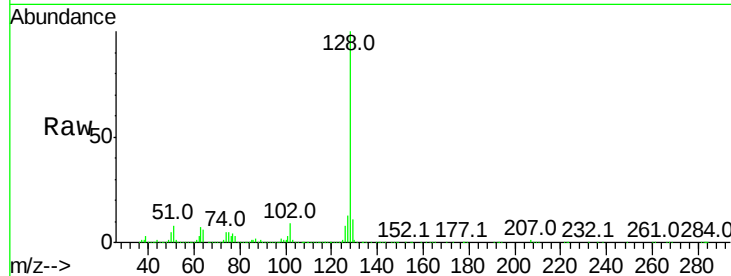




#95
Naphthalene
Concen: 56.512 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 851875
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.833 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008398.D
Acq: 24 Jan 2019 15:42

Tgt Ion:180 Resp: 407279
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 31.7 16.2 48.6

