

Data File : VW008399.D
Acq On : 24 Jan 2019 16:33
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Jan 25 10:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	523485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	846418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	769206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	404626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	516690	94.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.76%	
35) Dibromofluoromethane	7.88	113	478055	88.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.96%	
50) Toluene-d8	10.32	98	1951496	91.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.88%	
62) 4-Bromofluorobenzene	12.62	95	756871	99.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	317322	96.202	ug/l	96
3) Chloromethane	2.21	50	479015	99.068	ug/l	99
4) Vinyl Chloride	2.37	62	593685	96.096	ug/l	100
5) Bromomethane	2.78	94	389734	83.242	ug/l	97
6) Chloroethane	2.92	64	376052	92.995	ug/l	97
7) Trichlorofluoromethane	3.26	101	485230	106.968	ug/l	95
8) Diethyl Ether	3.67	74	277383	88.182	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	521770	98.797	ug/l	99
10) Methyl Iodide	4.26	142	816727	95.887	ug/l	100
11) Tert butyl alcohol	5.17	59	207277	565.336	ug/l	97
12) 1,1-Dichloroethene	4.03	96	514323	95.753	ug/l	96
13) Acrolein	3.89	56	187136	562.879	ug/l	98
14) Allyl chloride	4.66	41	989595	110.204	ug/l	100
15) Acrylonitrile	5.36	53	614666	508.690	ug/l	99
16) Acetone	4.12	43	590404	466.859	ug/l	98
17) Carbon Disulfide	4.37	76	1670005	102.176	ug/l	98
18) Methyl Acetate	4.67	43	333410	98.696	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	842405	102.452	ug/l	99
20) Methylene Chloride	4.91	84	526884	78.459	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	578345	95.866	ug/l	99
22) Diisopropyl ether	6.31	45	1887646	107.672	ug/l	100
23) Vinyl Acetate	6.26	43	5667610	604.788	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1063431	99.624	ug/l	99
25) 2-Butanone	7.17	43	879724	543.125	ug/l	99
26) 2,2-Dichloropropane	7.17	77	680510	99.899	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	635800	97.273	ug/l	99
28) Bromochloromethane	7.51	49	464936	105.720	ug/l	97
29) Tetrahydrofuran	7.53	42	559786	554.367	ug/l	100
30) Chloroform	7.68	83	1048082	99.237	ug/l	99
31) Cyclohexane	7.95	56	1040738	102.329	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	890218	100.434	ug/l	100
36) 1,1-Dichloropropene	8.08	75	859811	100.968	ug/l	100
37) Ethyl Acetate	7.25	43	371872	105.896	ug/l	99
38) Carbon Tetrachloride	8.07	117	852818	101.419	ug/l	96

Data File : VW008399.D
Acq On : 24 Jan 2019 16:33
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jan 25 10:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1120790	110.647	ug/l	99
40) Benzene	8.32	78	2376400	98.515	ug/l	100
41) Methacrylonitrile	7.48	41	230804	112.903	ug/l	96
42) 1,2-Dichloroethane	8.40	62	690455	102.362	ug/l	100
43) Isopropyl Acetate	8.43	43	796329	120.050	ug/l	99
44) Trichloroethene	9.09	130	635554	96.168	ug/l	96
45) 1,2-Dichloropropane	9.37	63	594643	99.241	ug/l	98
46) Dibromomethane	9.46	93	302468	96.854	ug/l	100
47) Bromodichloromethane	9.65	83	805348	104.547	ug/l	99
48) Methyl methacrylate	9.43	41	391051	125.230	ug/l	98
49) 1,4-Dioxane	9.45	88	100744	2003.934	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1962016	584.140	ug/l	100
52) Toluene	10.39	92	1574831	103.162	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	868416	112.953	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	978360	107.948	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	424135	97.918	ug/l	97
56) Ethyl methacrylate	10.65	69	601380	118.219	ug/l	99
57) 1,3-Dichloropropane	10.93	76	758422	100.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1497346	610.231	ug/l	99
59) 2-Hexanone	10.97	43	1401457	595.504	ug/l	99
60) Dibromochloromethane	11.13	129	546735	105.761	ug/l	99
61) 1,2-Dibromoethane	11.24	107	417647	99.573	ug/l	99
64) Tetrachloroethene	10.86	164	541409	100.381	ug/l	97
65) Chlorobenzene	11.66	112	1669476	99.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	600822	104.046	ug/l	99
67) Ethyl Benzene	11.73	91	3111137	106.793	ug/l	100
68) m/p-Xylenes	11.84	106	2410300	213.159	ug/l	99
69) o-Xylene	12.17	106	1156169	109.442	ug/l	100
70) Styrene	12.18	104	1937309	114.168	ug/l	99
71) Bromoform	12.35	173	347994	120.971	ug/l	99
73) Isopropylbenzene	12.47	105	3205182	108.716	ug/l	99
74) N-amyl acetate	12.27	43	854638	135.268	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	508384	101.379	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	732910	198.904	ug/l	20
77) Bromobenzene	12.75	156	687826	97.129	ug/l	98
78) n-propylbenzene	12.80	91	3854684	108.021	ug/l	100
79) 2-Chlorotoluene	12.90	91	2185985	107.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2703706	109.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	191465	124.002	ug/l	97
82) 4-Chlorotoluene	12.99	91	2363885	110.951	ug/l	99
83) tert-Butylbenzene	13.21	119	2390839	110.413	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2757572	110.029	ug/l	100
85) sec-Butylbenzene	13.39	105	3400815	109.387	ug/l	100
86) p-Isopropyltoluene	13.50	119	3007098	110.743	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1410141	100.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1404123	99.608	ug/l	99
89) n-Butylbenzene	13.83	91	2944826	113.060	ug/l	100
90) Hexachloroethane	14.10	117	574200	114.265	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1245396	100.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	91280	111.320	ug/l	97

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

Data File : VW008399.D
Acq On : 24 Jan 2019 16:33
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jan 25 10:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

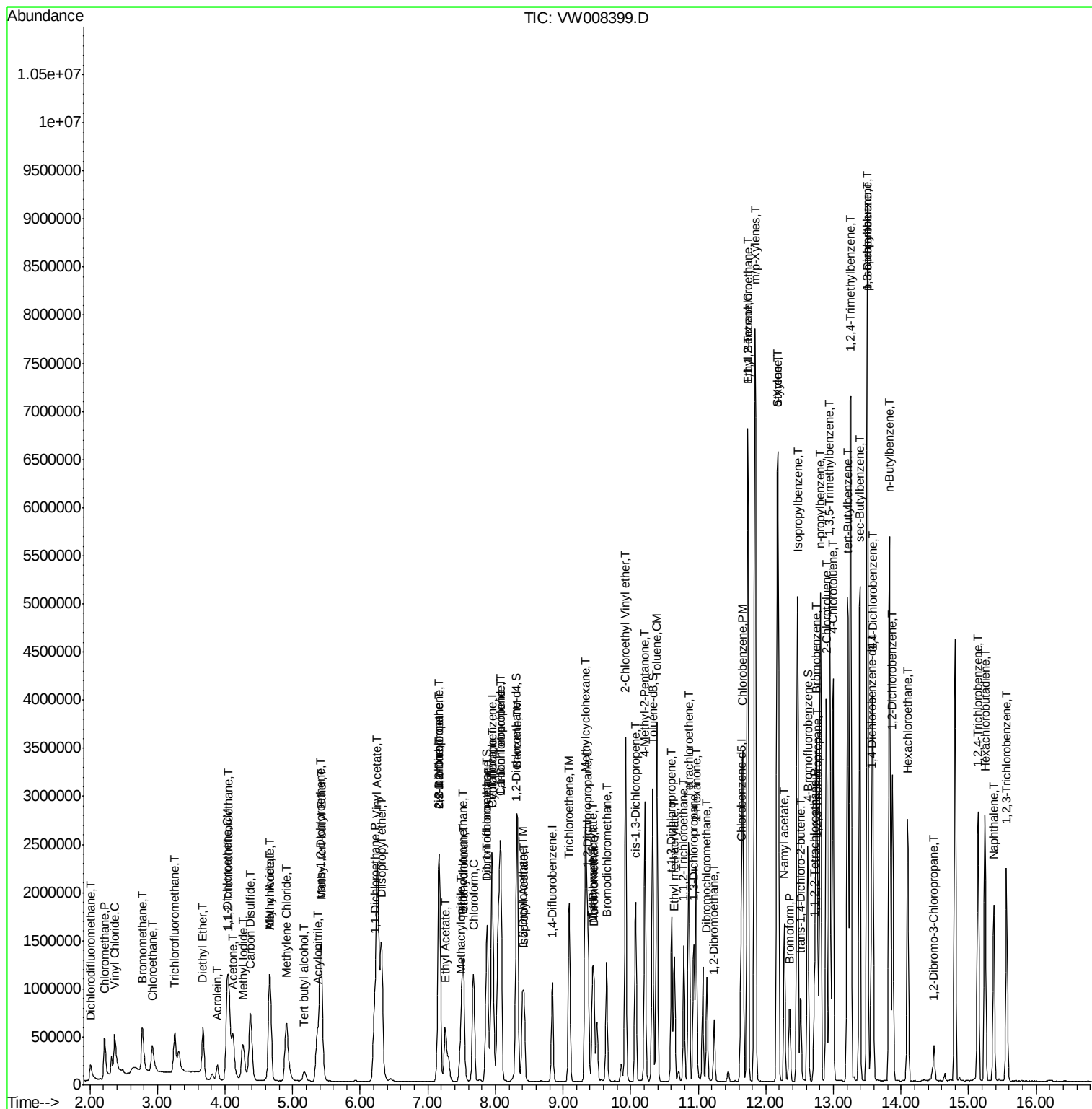
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	878822	104.504	ug/l	99
94) Hexachlorobutadiene	15.24	225	514335	108.523	ug/l	100
95) Naphthalene	15.37	128	1572609	111.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	745313	101.752	ug/l	98

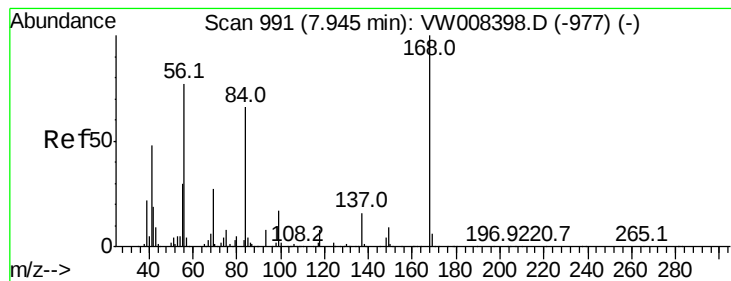
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008399.D
Acq On : 24 Jan 2019 16:33
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Jan 25 10:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

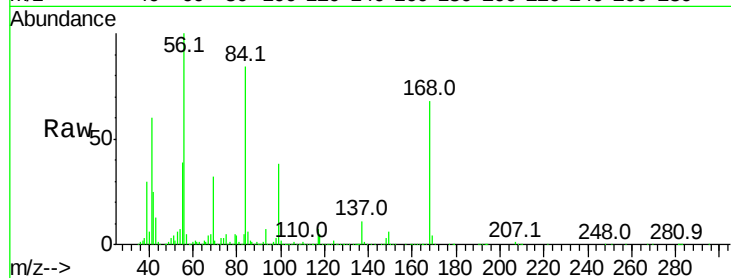
VSTDICC100

Tgt Ion:168 Resp: 523485

Ion Ratio Lower Upper

168 100

99 56.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

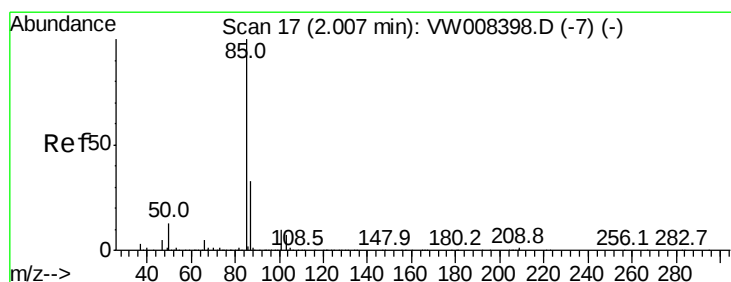
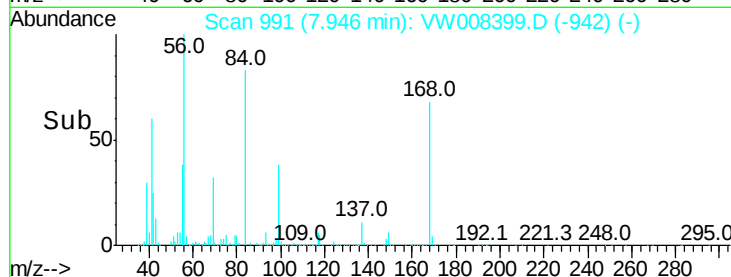
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 96.202 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008399.D

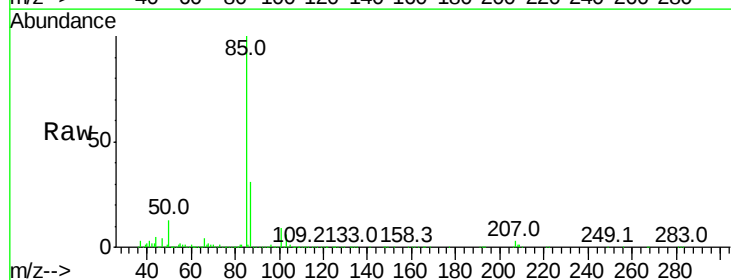
Acq: 24 Jan 2019 16:33

Tgt Ion: 85 Resp: 317322

Ion Ratio Lower Upper

85 100

87 31.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

100000

80000

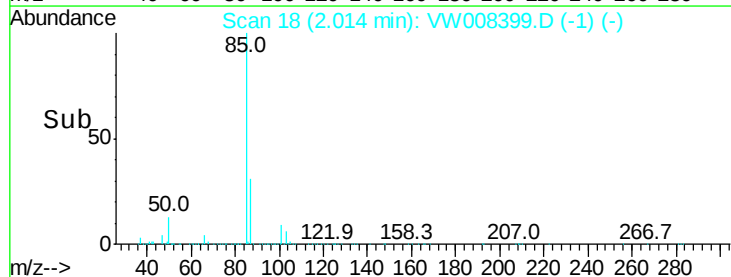
60000

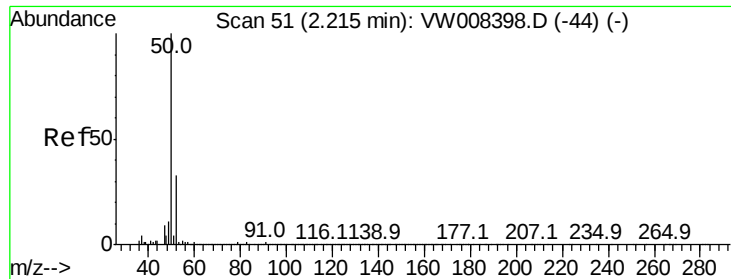
40000

20000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 99.068 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

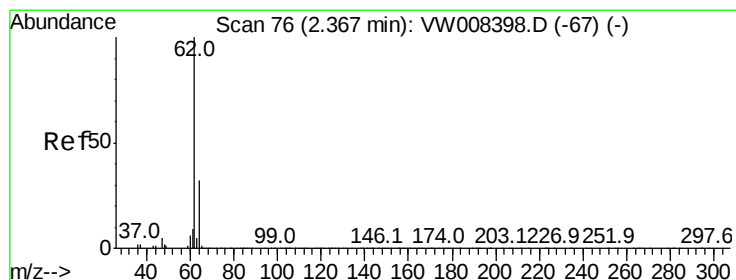
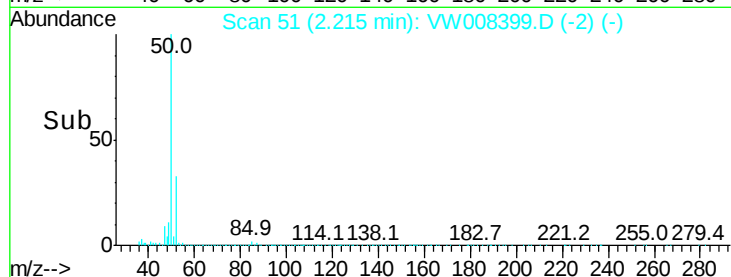
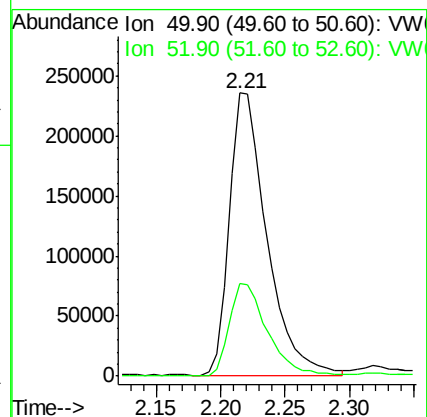
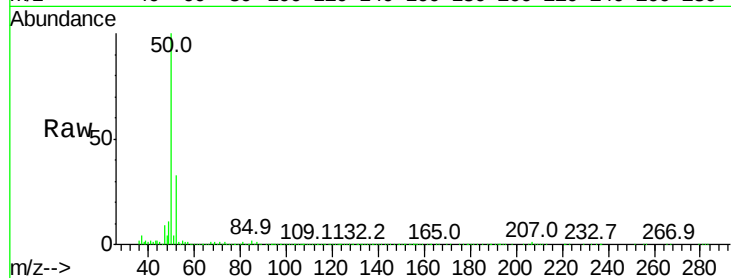
VSTDIC100

Tgt Ion: 50 Resp: 479015

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 96.096 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008399.D

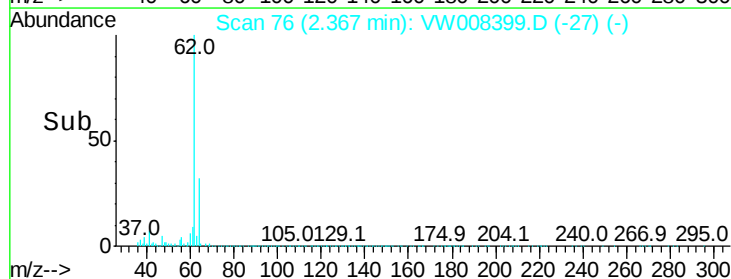
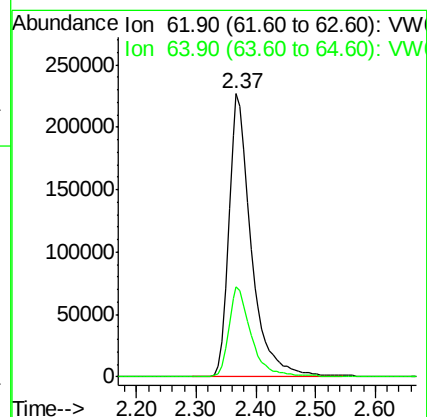
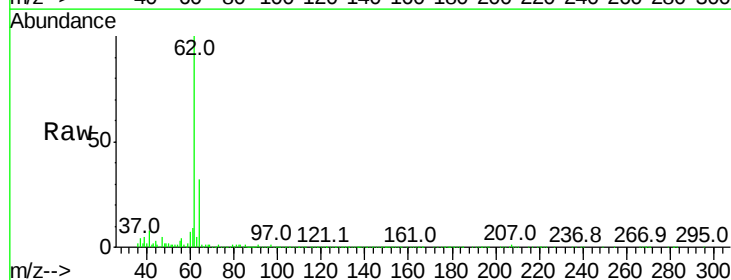
Acq: 24 Jan 2019 16:33

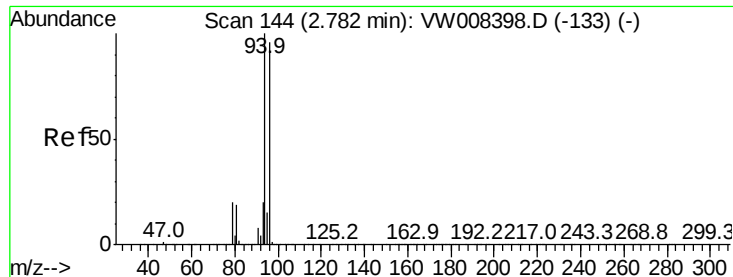
Tgt Ion: 62 Resp: 593685

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 83.242 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

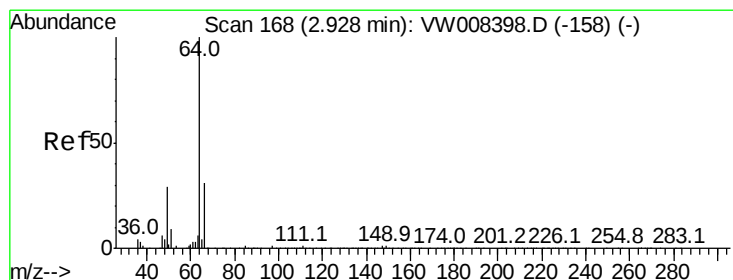
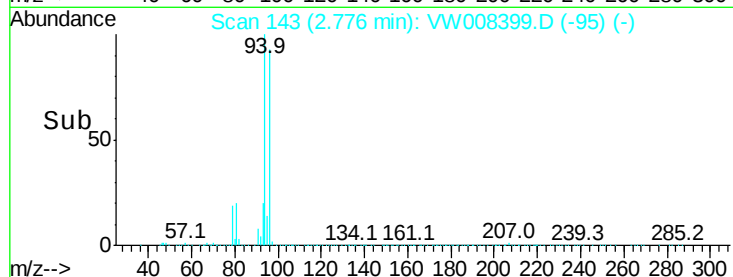
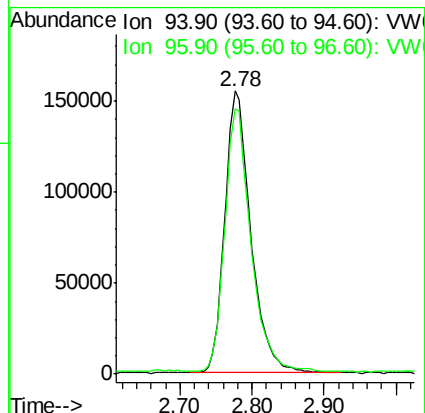
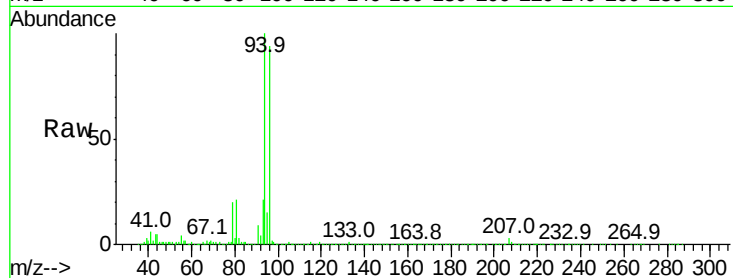
VSTDIC100

Tgt Ion: 94 Resp: 389734

Ion Ratio Lower Upper

94 100

96 93.4 77.2 115.8



#6

Chloroethane

Concen: 92.995 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008399.D

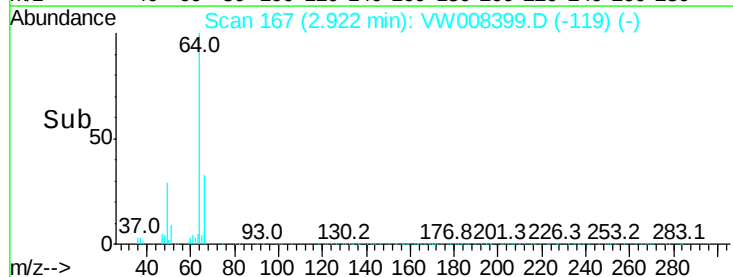
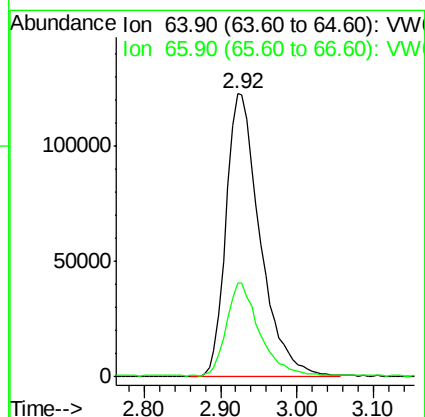
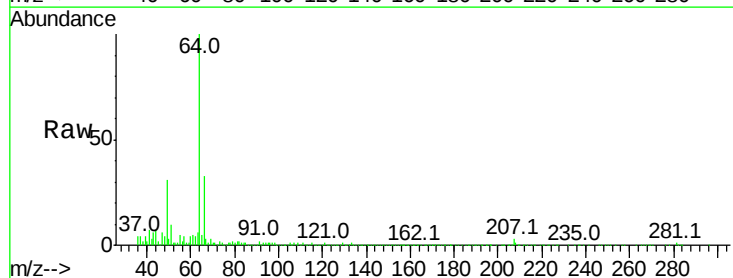
Acq: 24 Jan 2019 16:33

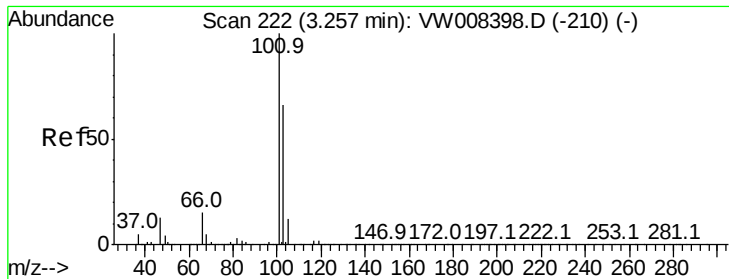
Tgt Ion: 64 Resp: 376052

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3



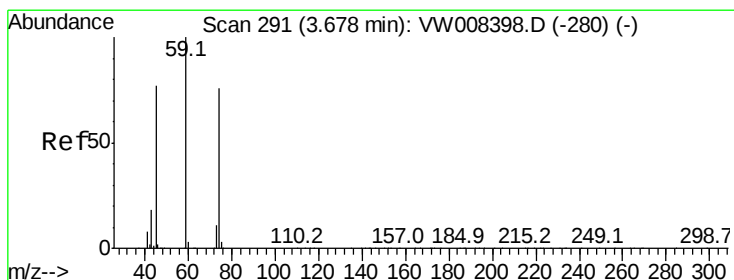
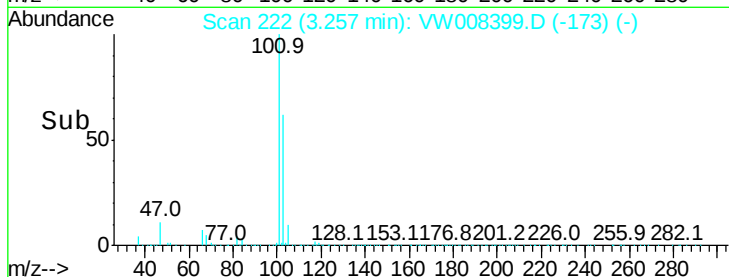
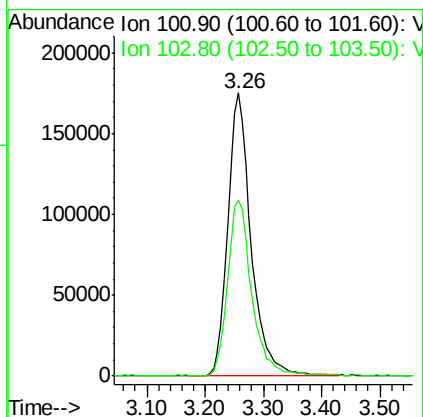
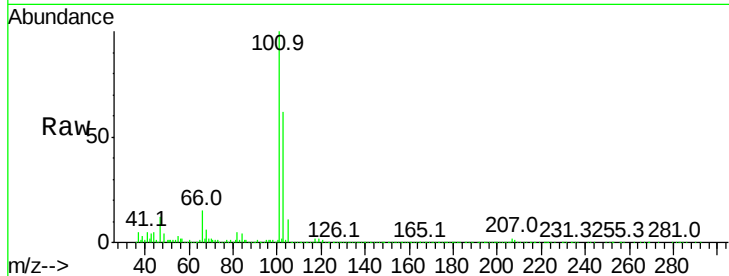


#7

Trichlorofluoromethane
Concen: 106.968 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

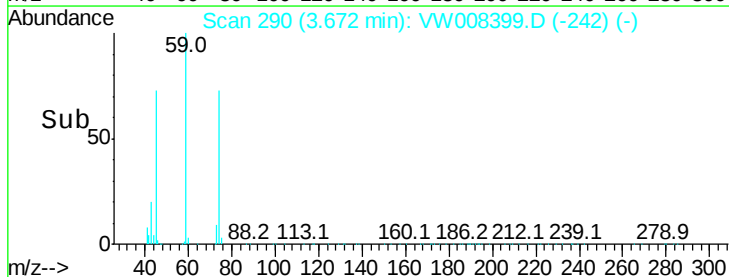
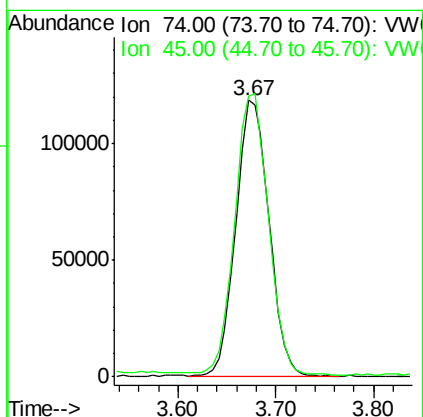
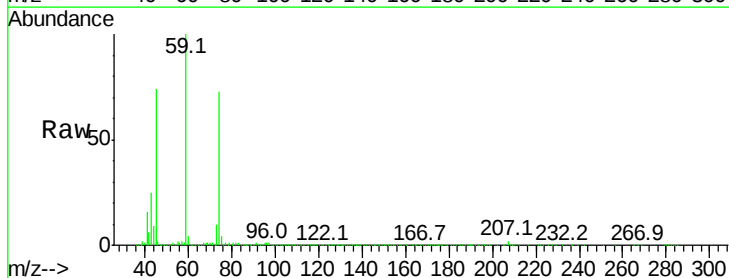
Tgt Ion:101 Resp: 485230
Ion Ratio Lower Upper
101 100
103 62.0 52.5 78.7

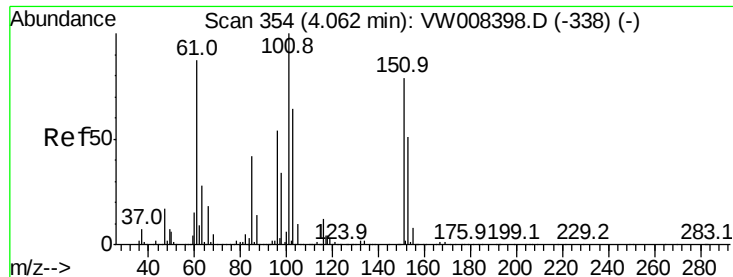


#8

Diethyl Ether
Concen: 88.182 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 74 Resp: 277383
Ion Ratio Lower Upper
74 100
45 103.9 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.797 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

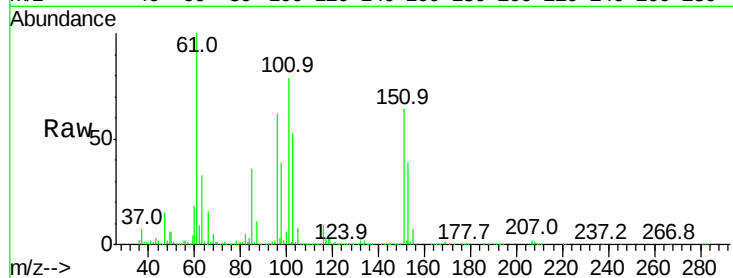
Tgt Ion:101 Resp: 521770

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

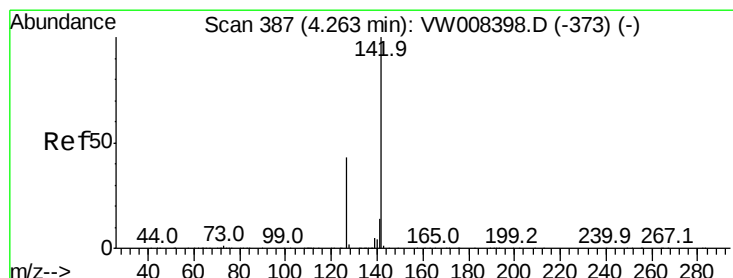
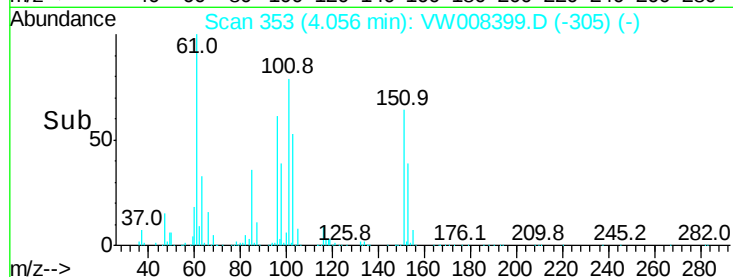
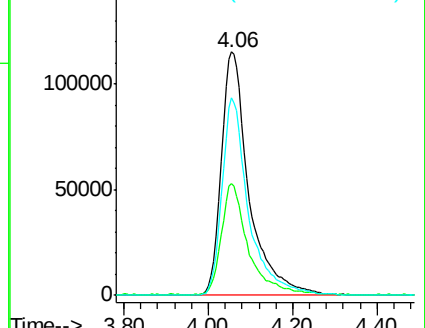
151 78.1 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 95.887 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

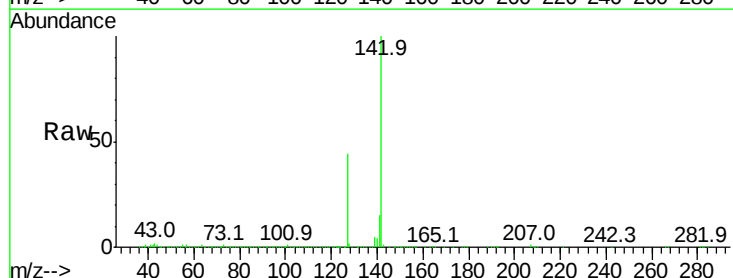
Tgt Ion:142 Resp: 816727

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

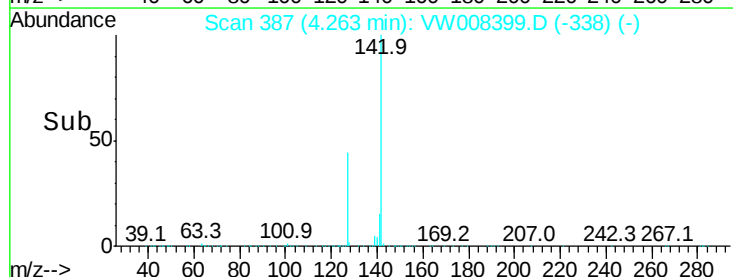
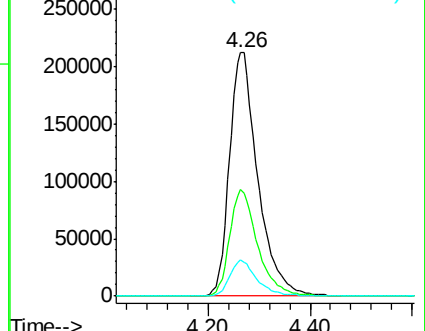
141 14.4 11.4 17.2

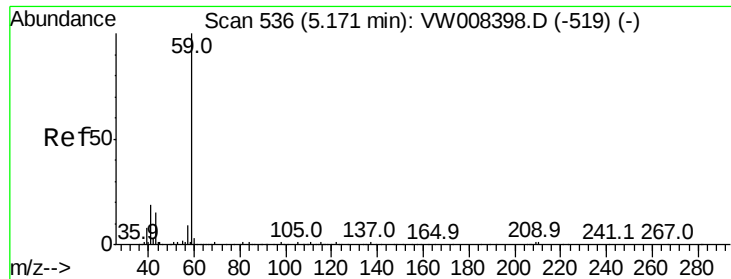


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

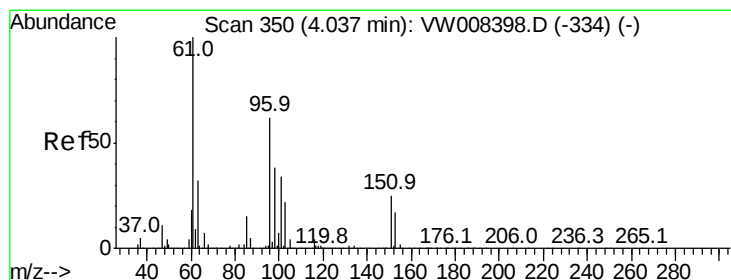
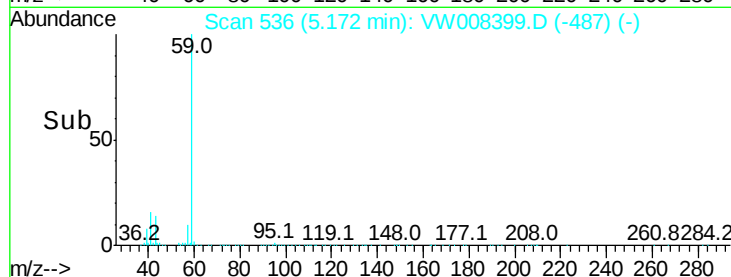
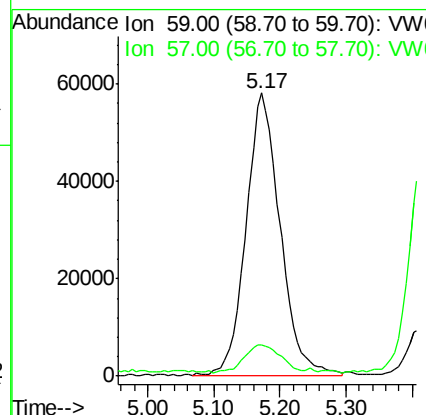
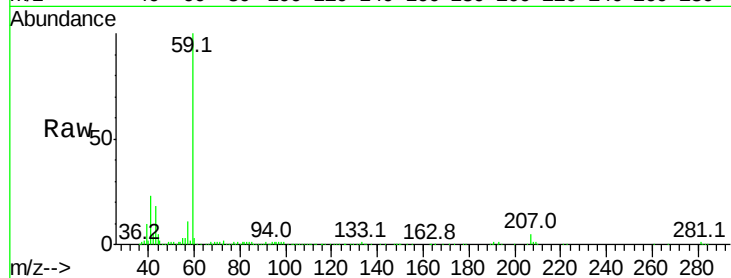




#11
Tert butyl alcohol
Concen: 565.336 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

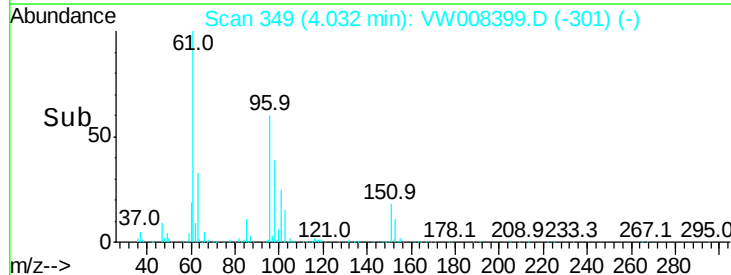
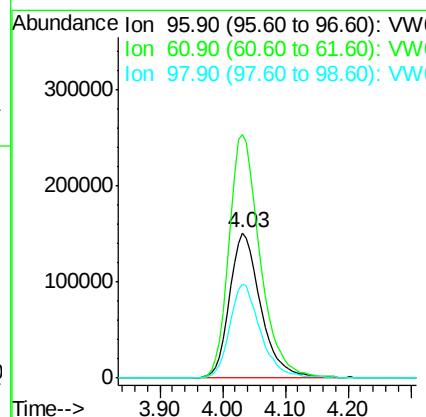
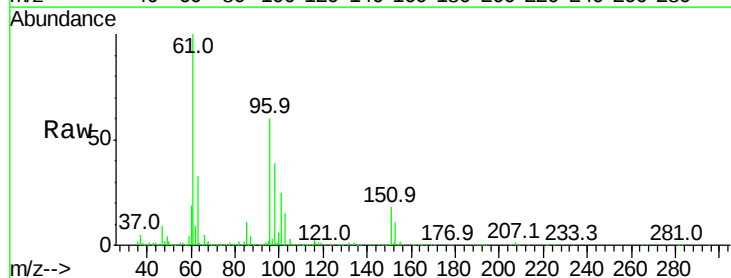
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

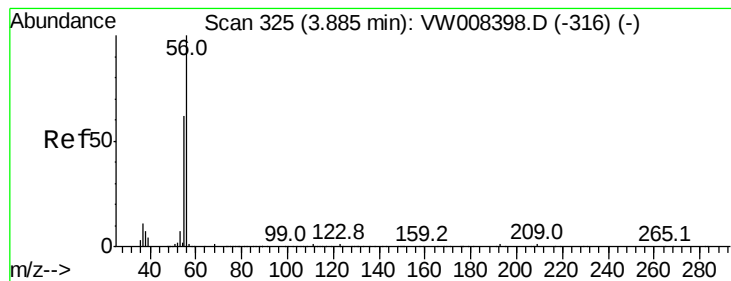
Tgt Ion: 59 Resp: 207277
Ion Ratio Lower Upper
59 100
57 10.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 95.753 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 96 Resp: 514323
Ion Ratio Lower Upper
96 100
61 167.7 129.5 194.3
98 64.3 48.6 73.0





#13

Acrolein

Concen: 562.879 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

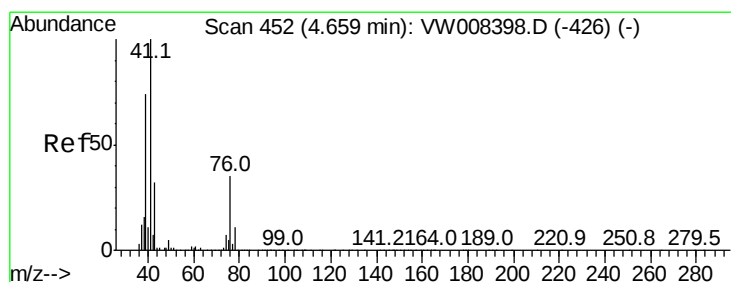
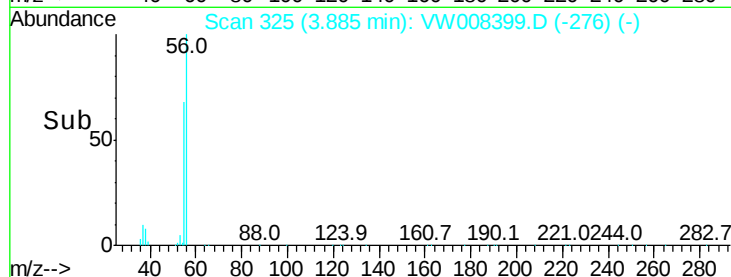
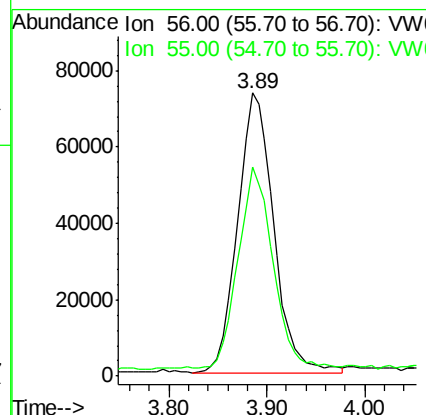
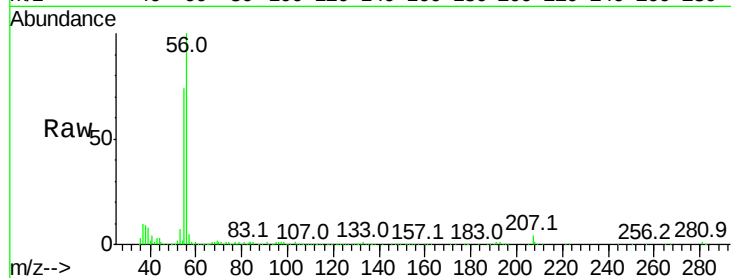
VSTDIC100

Tgt Ion: 56 Resp: 187136

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 110.204 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

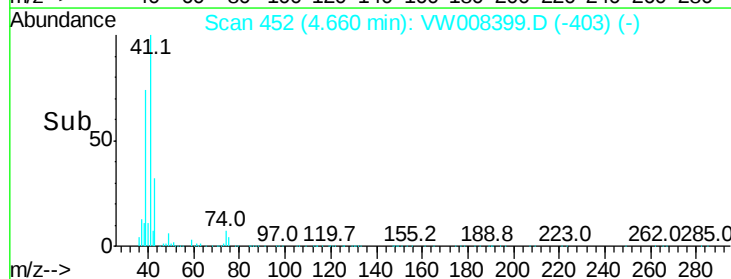
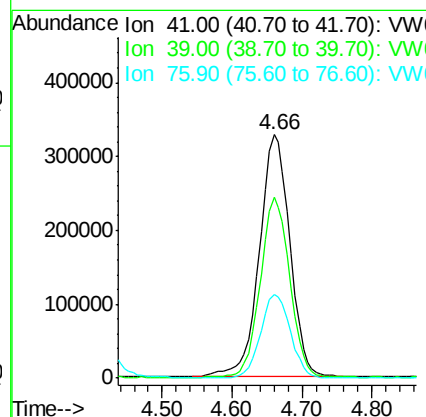
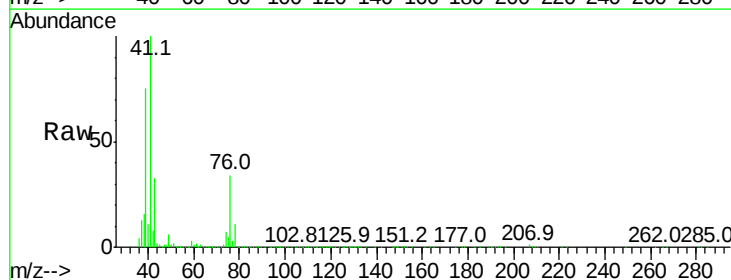
Tgt Ion: 41 Resp: 989595

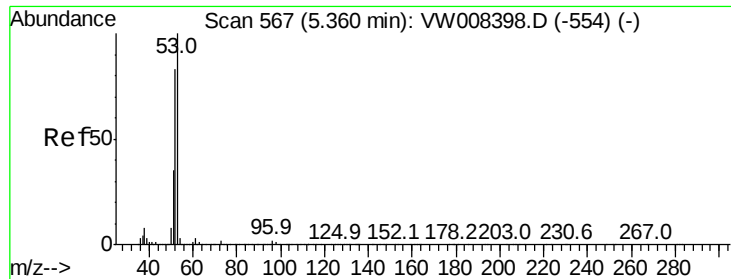
Ion Ratio Lower Upper

41 100

39 72.5 57.7 86.5

76 33.7 26.9 40.3





#15

Acrylonitrile

Concen: 508.690 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

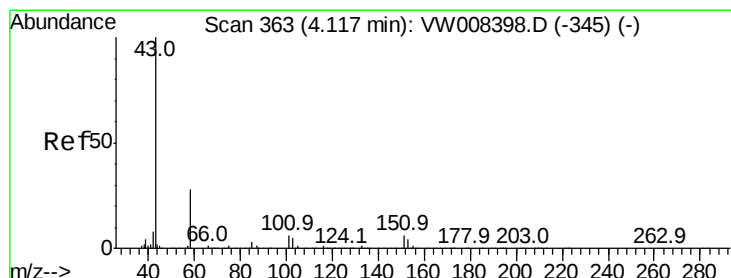
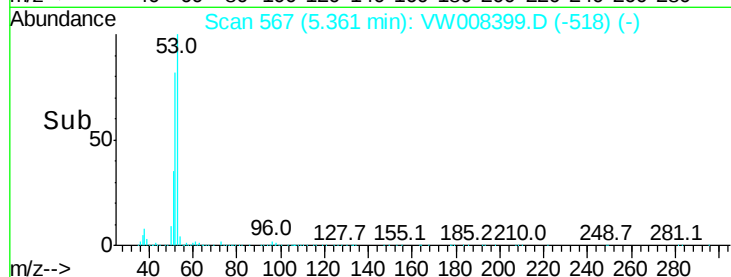
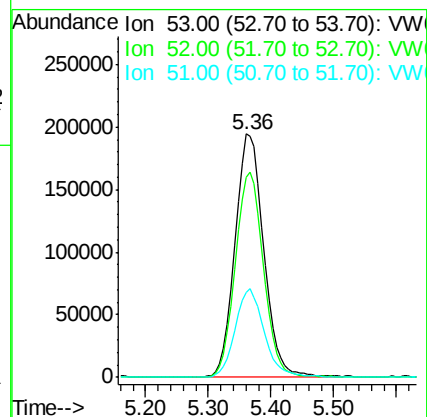
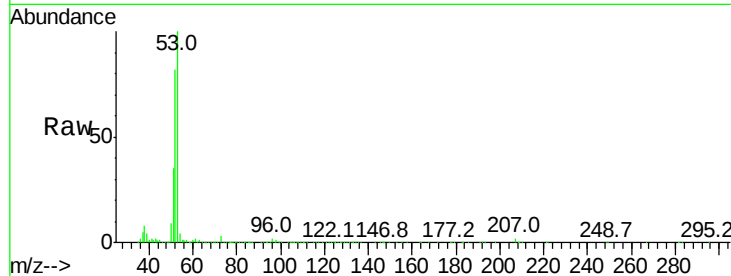
Tgt Ion: 53 Resp: 614666

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.4

51 36.9 29.8 44.8



#16

Acetone

Concen: 466.859 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008399.D

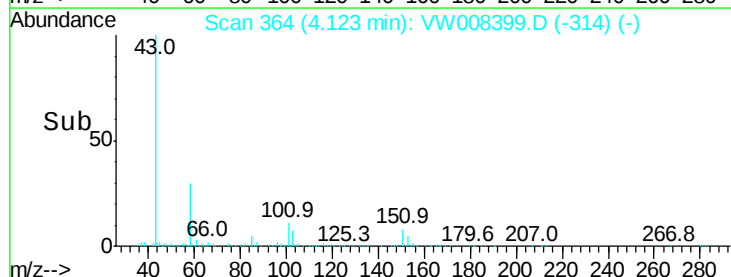
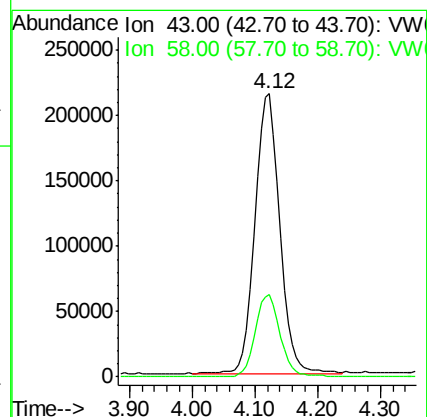
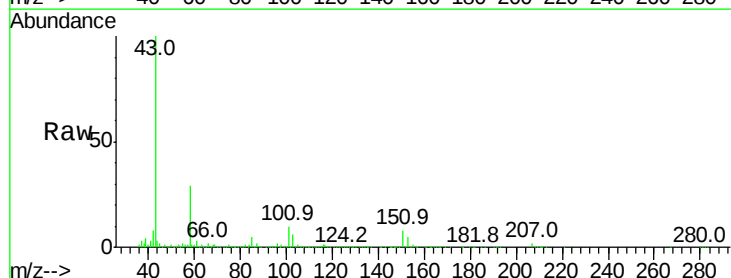
Acq: 24 Jan 2019 16:33

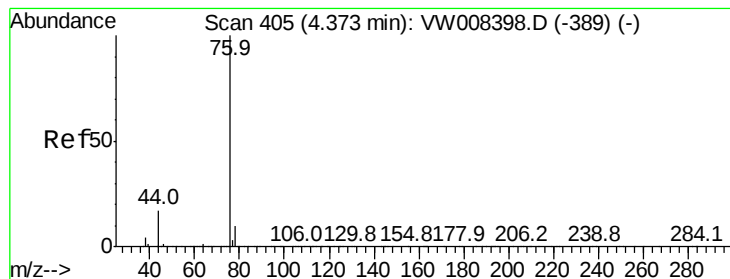
Tgt Ion: 43 Resp: 590404

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0





#17

Carbon Disulfide

Concen: 102.176 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

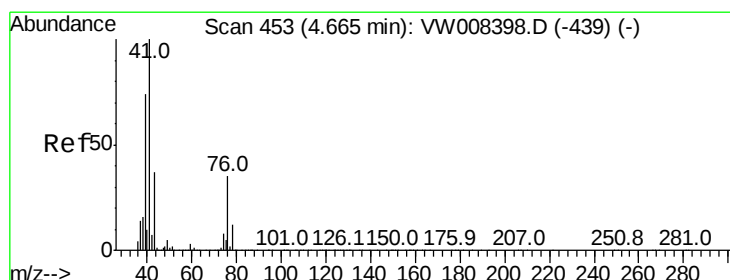
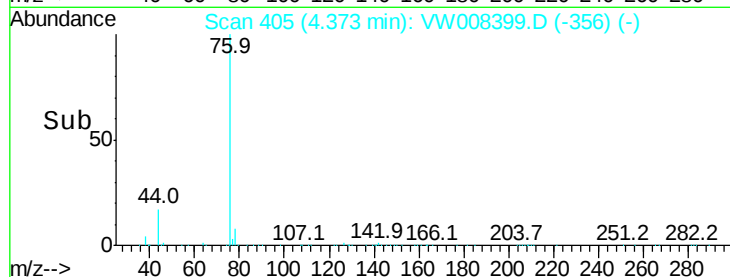
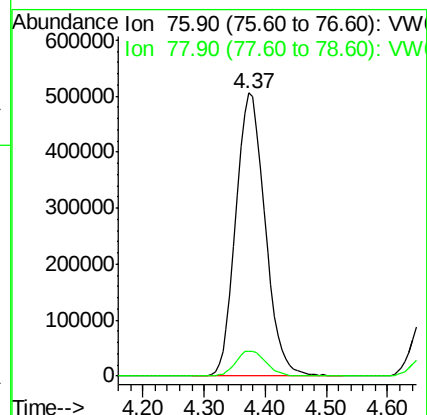
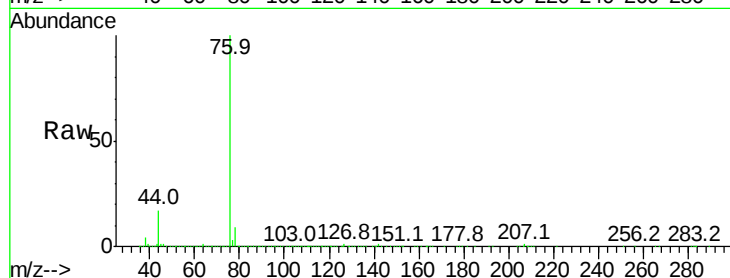
VSTDIC100

Tgt Ion: 76 Resp: 1670005

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5



#18

Methyl Acetate

Concen: 98.696 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008399.D

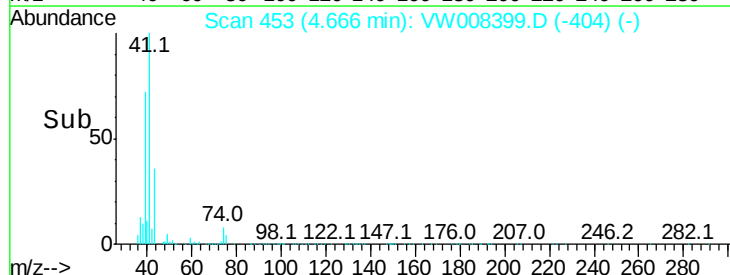
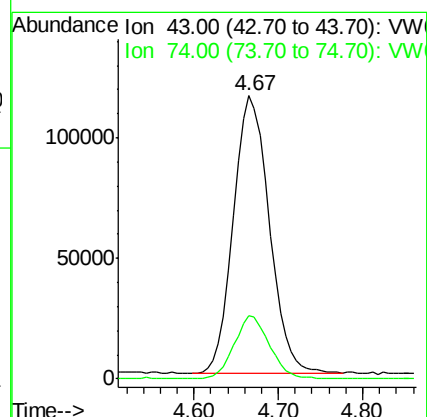
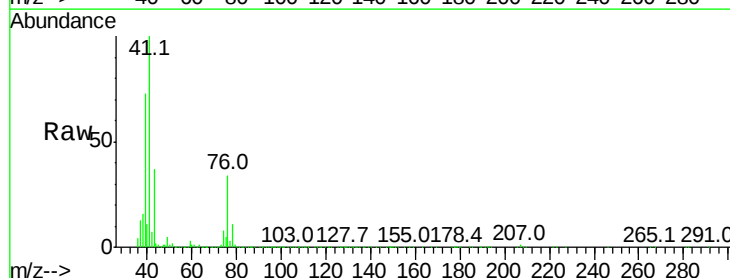
Acq: 24 Jan 2019 16:33

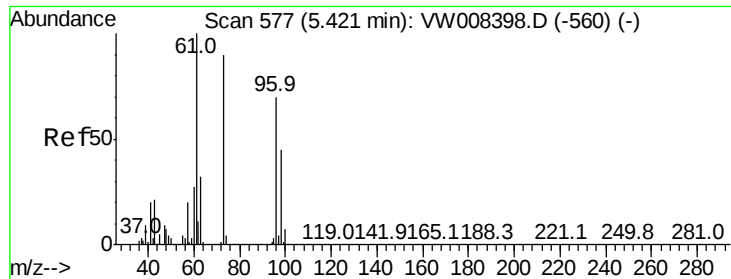
Tgt Ion: 43 Resp: 333410

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 102.452 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

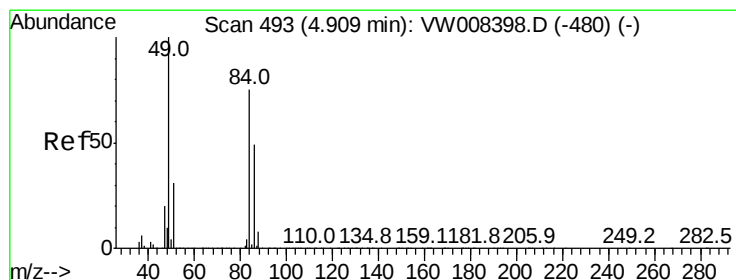
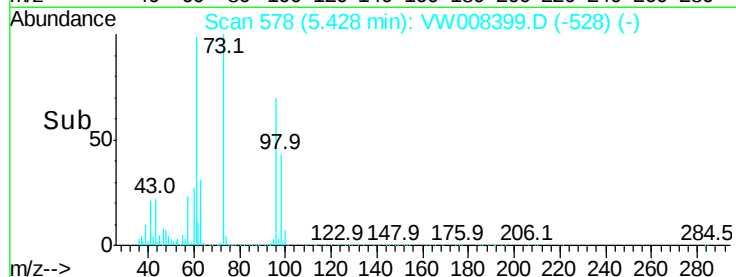
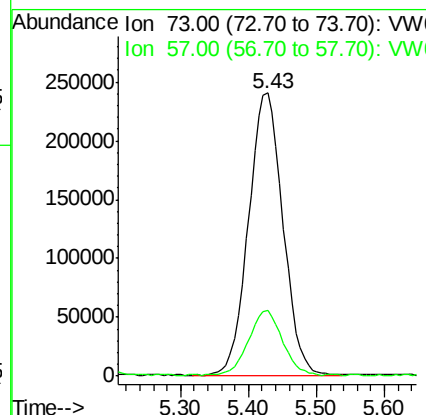
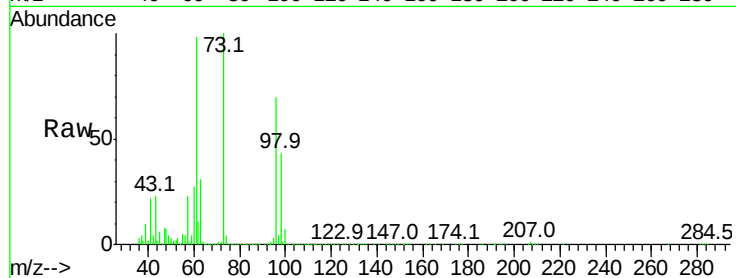
Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 842405

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.0	27.0



#20

Methylene Chloride

Concen: 78.459 ug/l

RT: 4.91 min Scan# 493

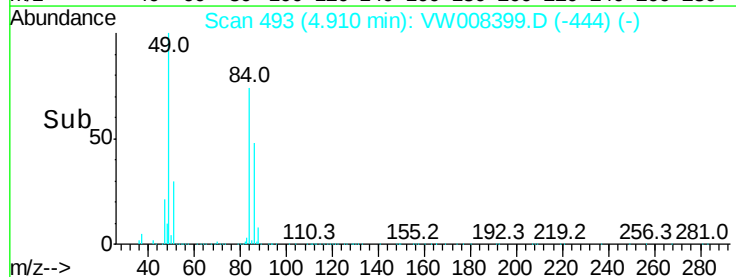
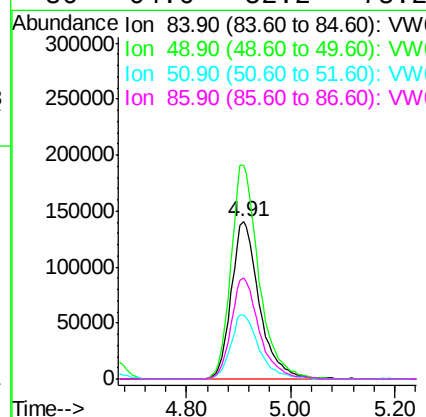
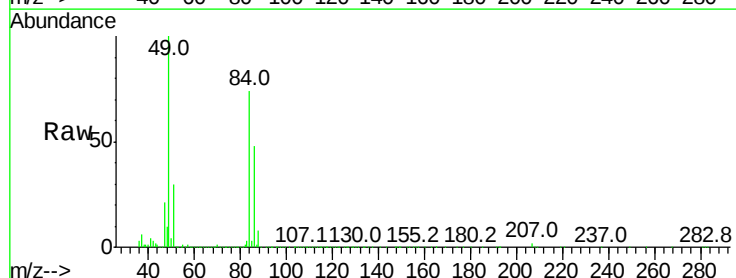
Delta R.T. 0.00 min

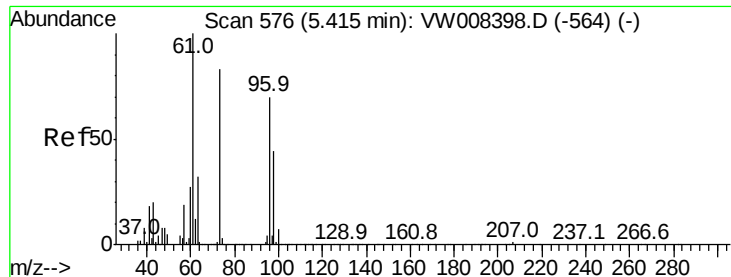
Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion: 84 Resp: 526884

Ion	Ratio	Lower	Upper
84	100		
49	136.0	106.8	160.2
51	40.8	32.9	49.3
86	64.6	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 95.866 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

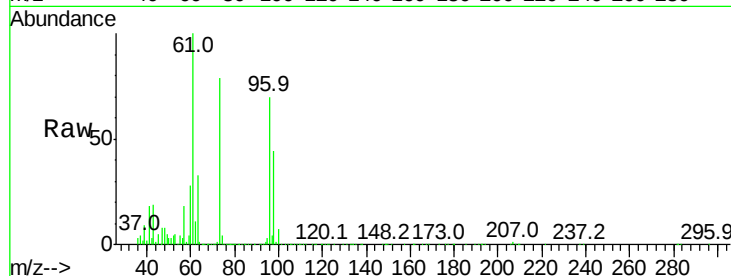
Tgt Ion: 96 Resp: 578345

Ion Ratio Lower Upper

96 100

61 143.7 114.4 171.6

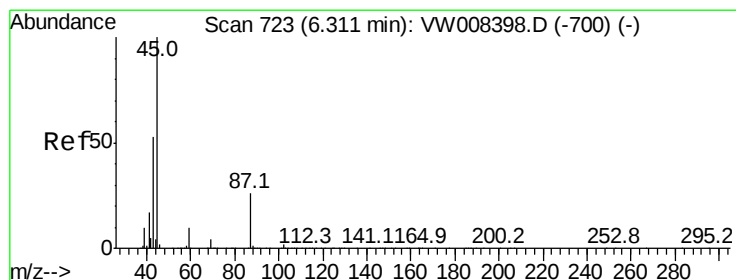
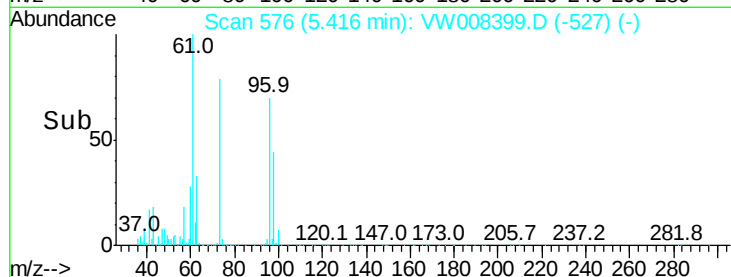
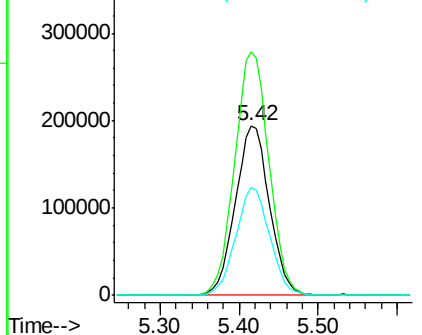
98 63.7 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 107.672 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion: 45 Resp: 1887646

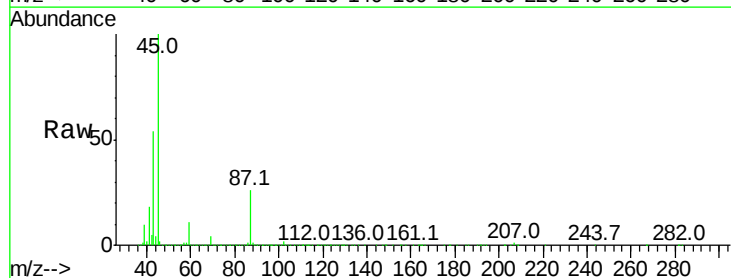
Ion Ratio Lower Upper

45 100

43 53.4 42.6 63.8

87 25.5 20.3 30.5

59 10.8 8.4 12.6

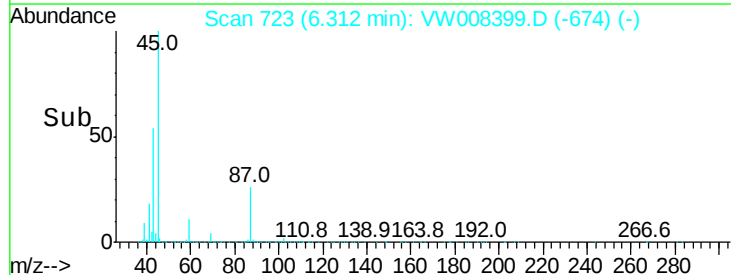
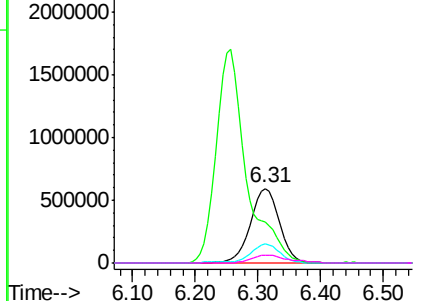


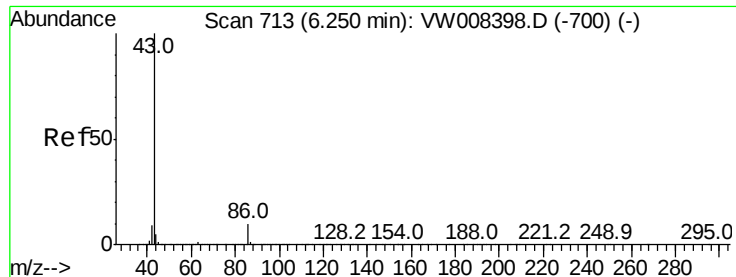
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 604.788 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

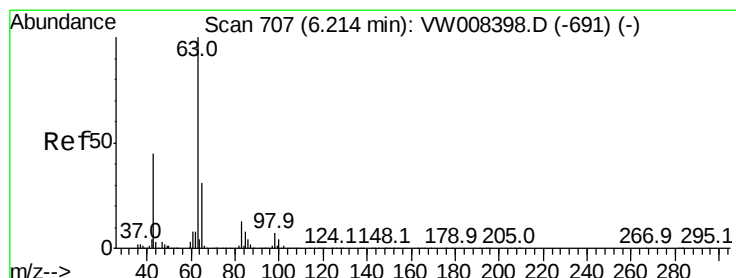
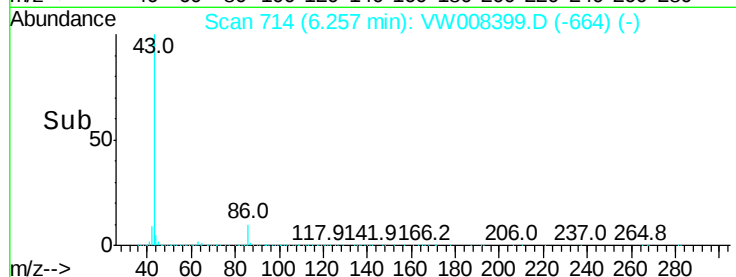
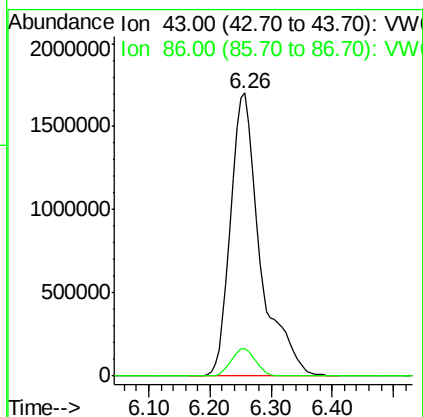
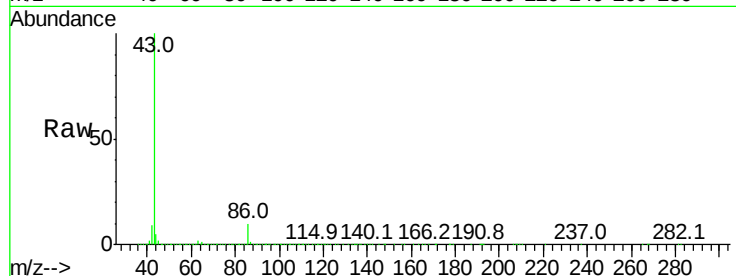
VSTDIC100

Tgt Ion: 43 Resp: 5667610

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 99.624 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

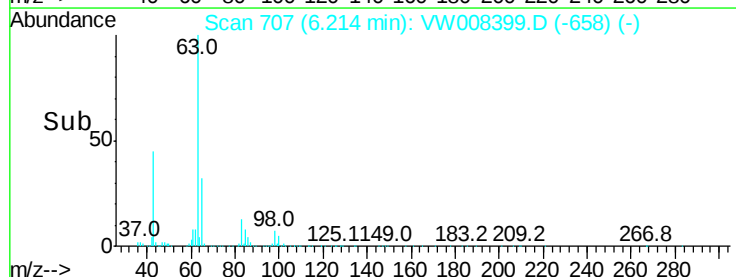
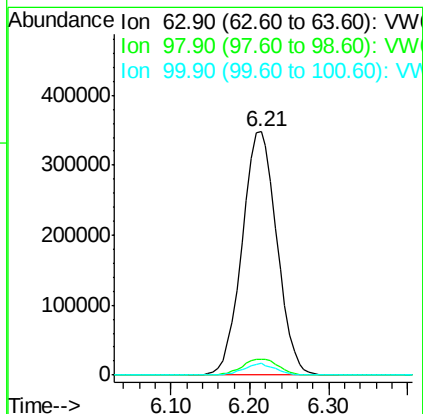
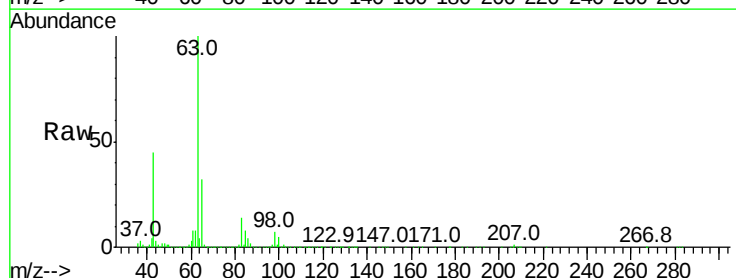
Tgt Ion: 63 Resp: 1063431

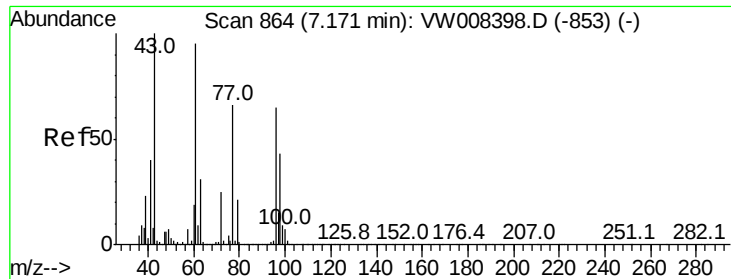
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 543.125 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

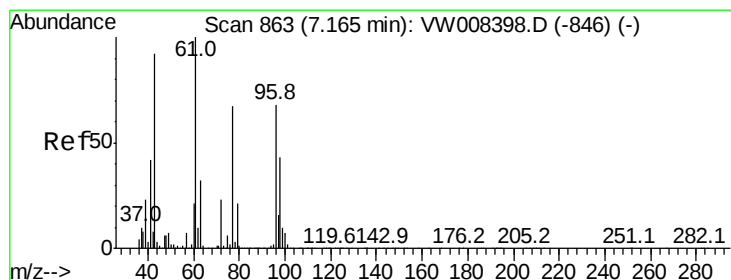
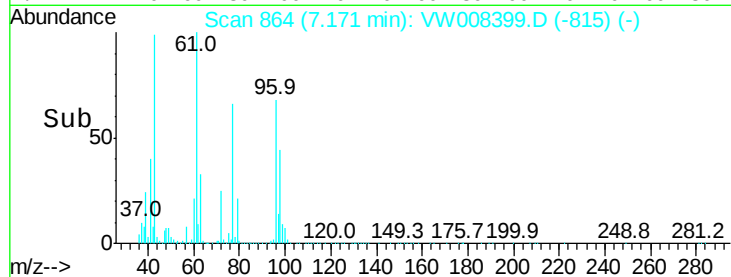
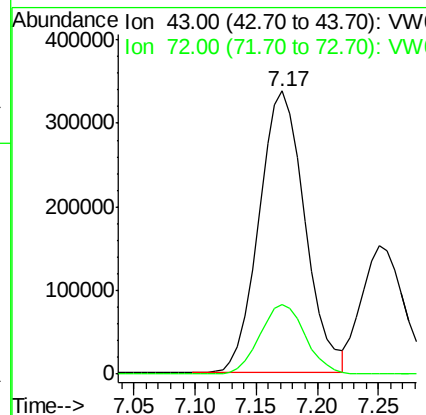
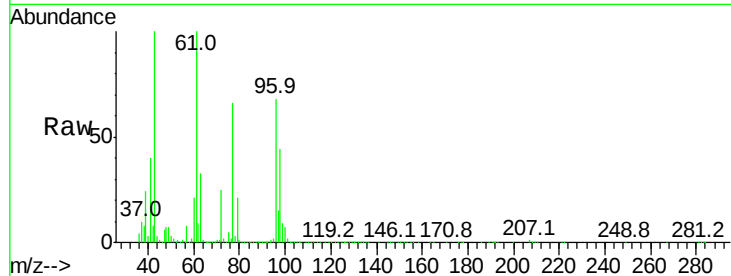
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 879724

Ion Ratio Lower Upper

43 100

72 24.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 99.899 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008399.D

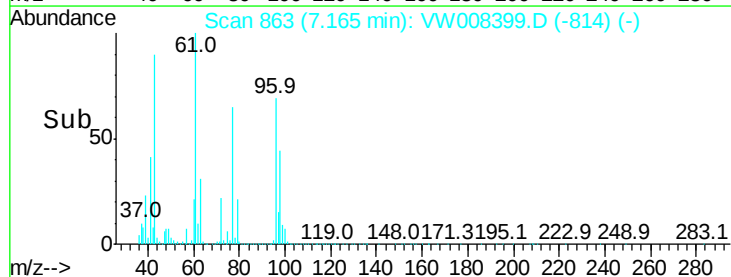
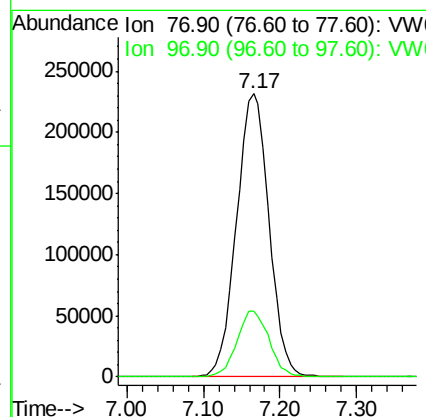
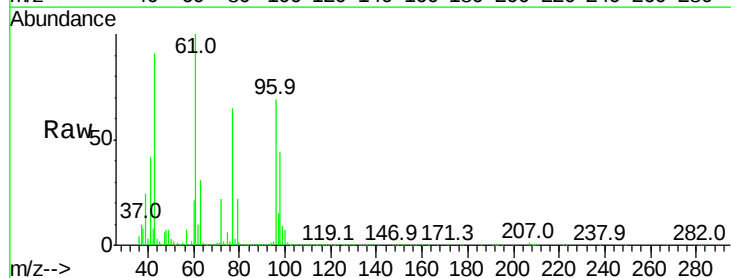
Acq: 24 Jan 2019 16:33

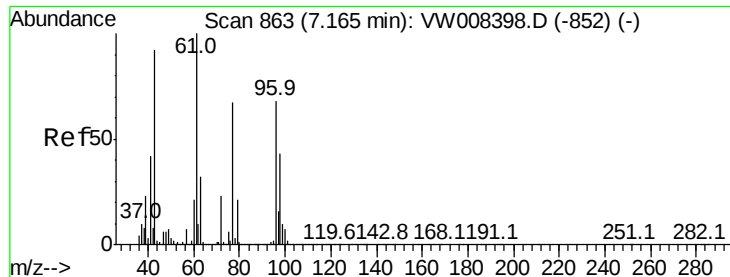
Tgt Ion: 77 Resp: 680510

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 97.273 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

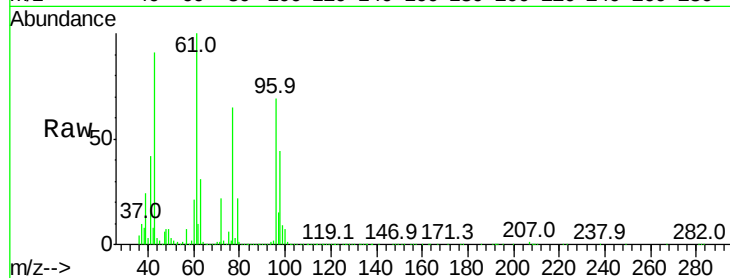
Tgt Ion: 96 Resp: 635800

Ion Ratio Lower Upper

96 100

61 147.5 0.0 292.8

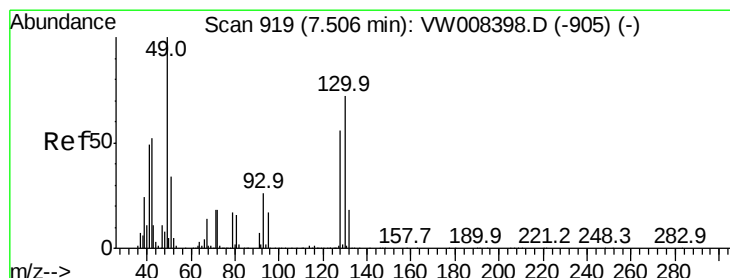
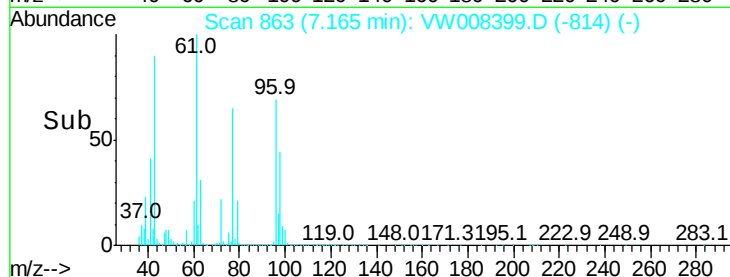
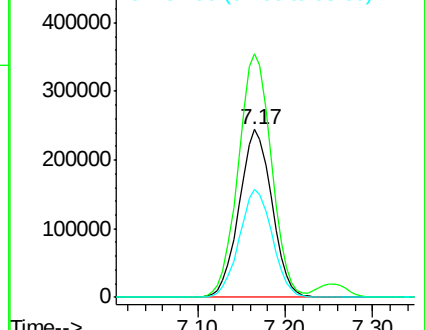
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 105.720 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

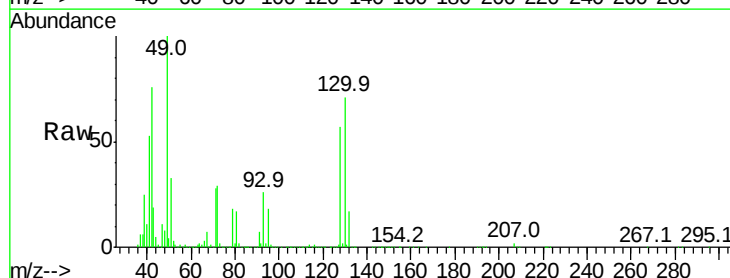
Tgt Ion: 49 Resp: 464936

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

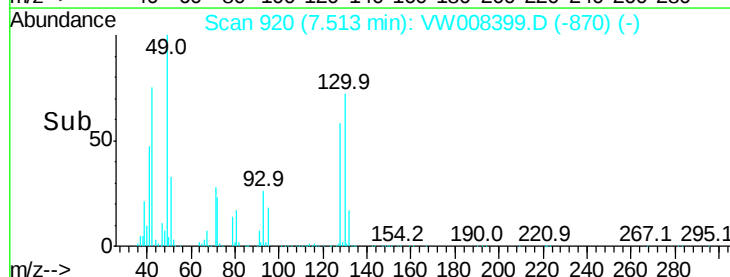
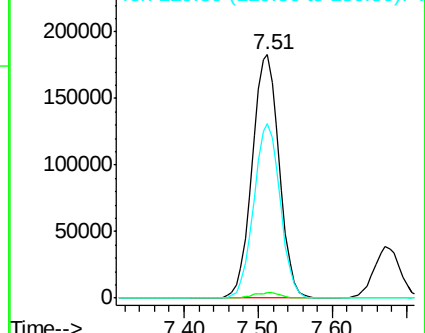
130 70.3 58.6 87.8

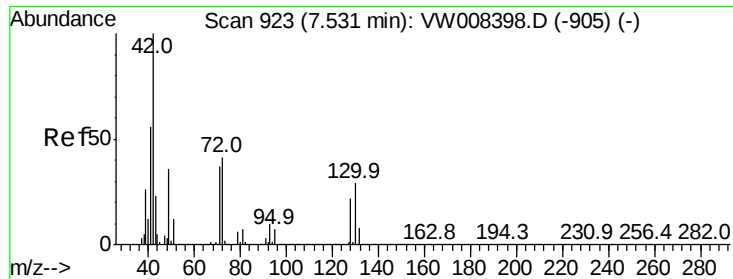


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 554.367 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

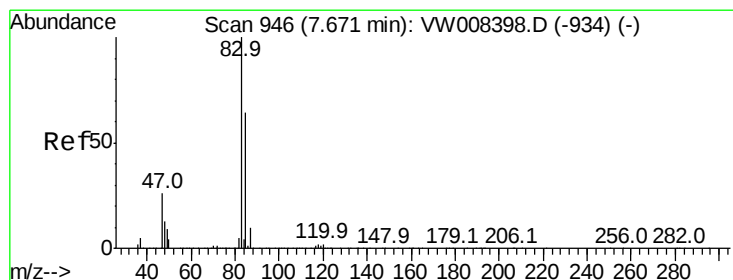
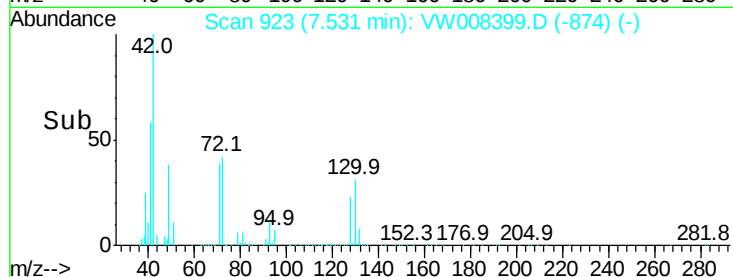
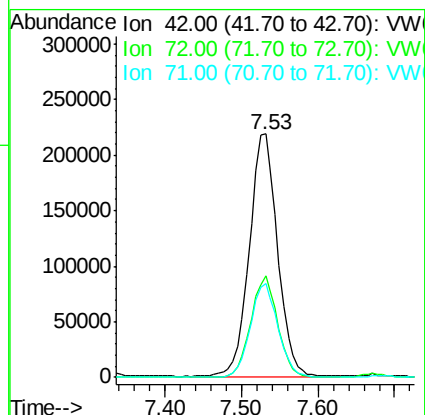
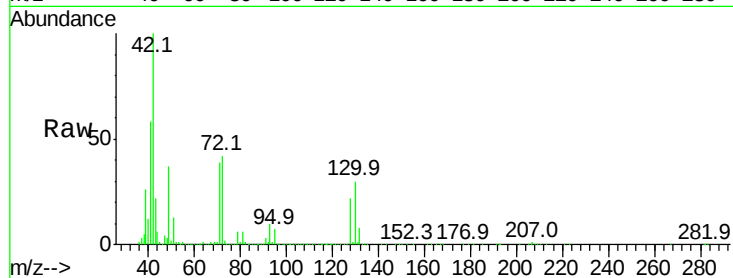
Tgt Ion: 42 Resp: 559786

Ion Ratio Lower Upper

42 100

72 39.9 31.9 47.9

71 37.6 29.9 44.9



#30

Chloroform

Concen: 99.237 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW008399.D

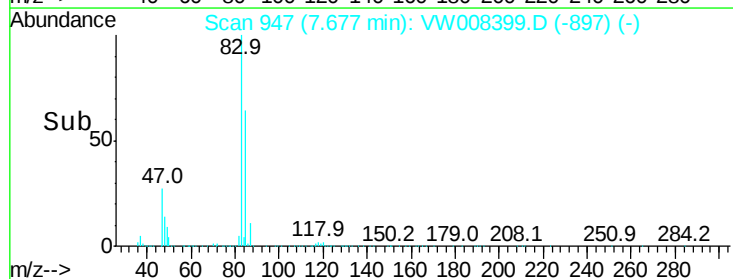
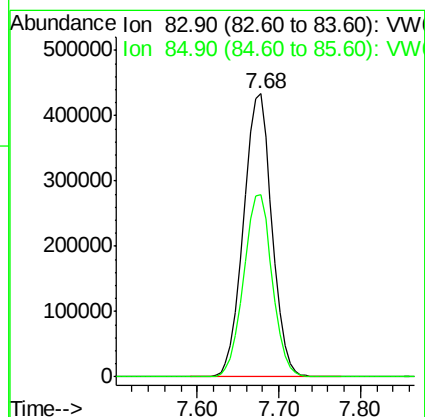
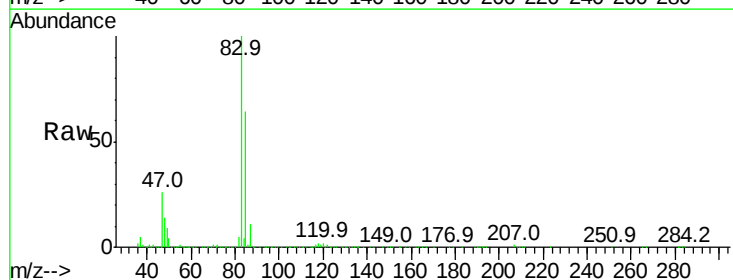
Acq: 24 Jan 2019 16:33

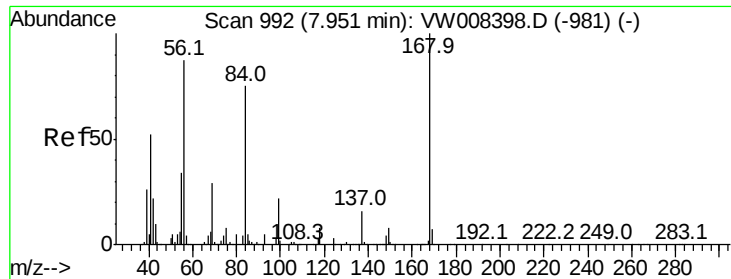
Tgt Ion: 83 Resp: 1048082

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3





#31

Cyclohexane

Concen: 102.329 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

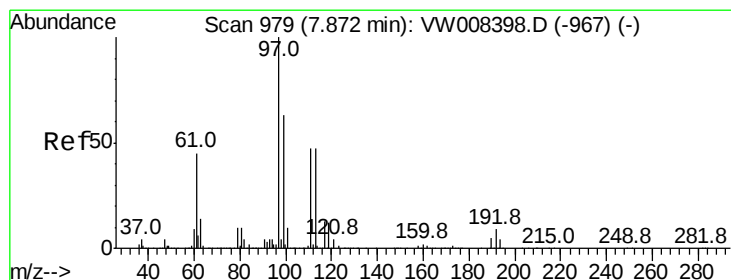
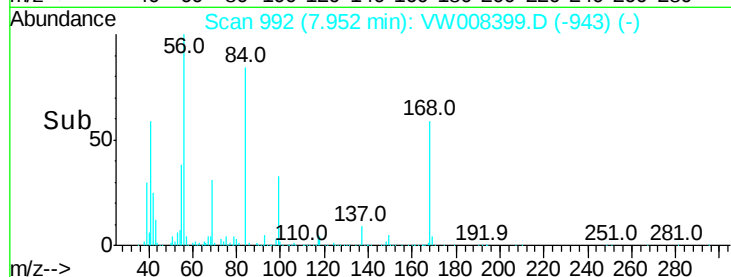
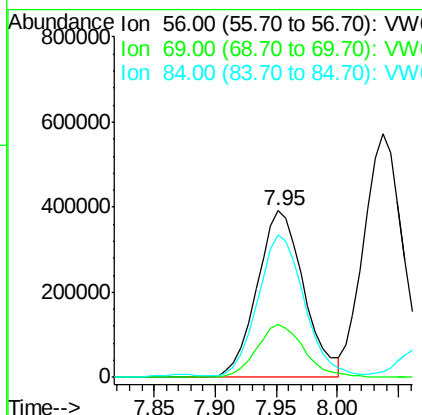
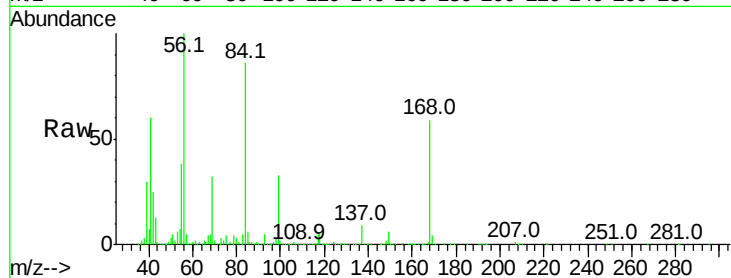
Tgt Ion: 56 Resp: 1040738

Ion Ratio Lower Upper

56 100

69 31.5 26.4 39.6

84 84.3 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 100.434 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

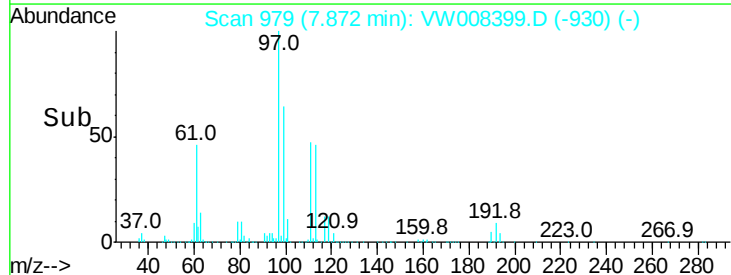
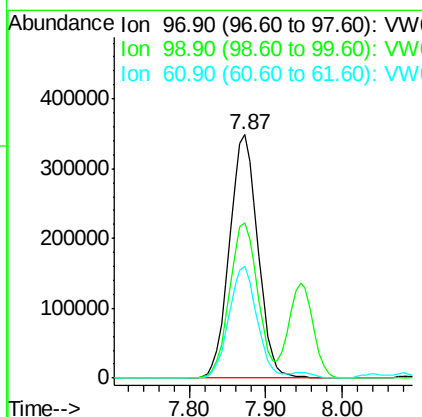
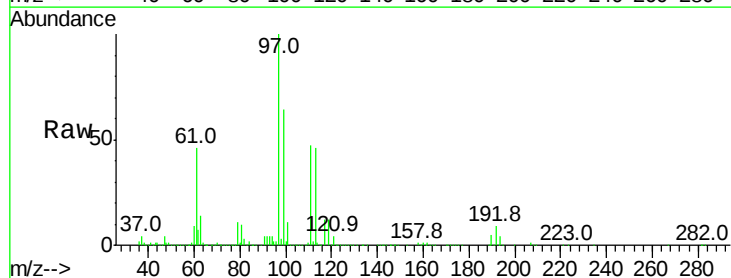
Tgt Ion: 97 Resp: 890218

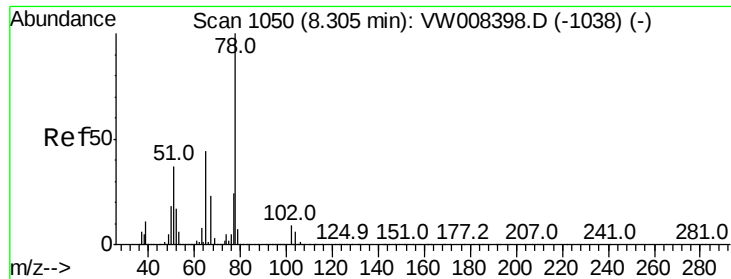
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 45.2 36.2 54.4

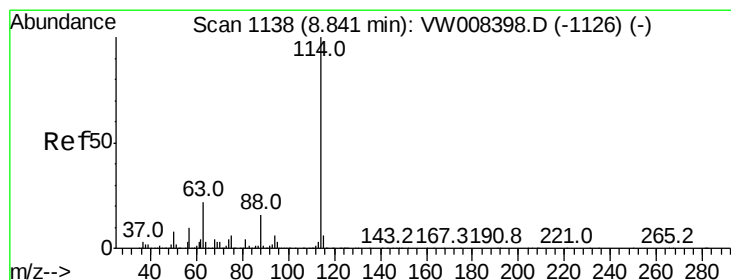
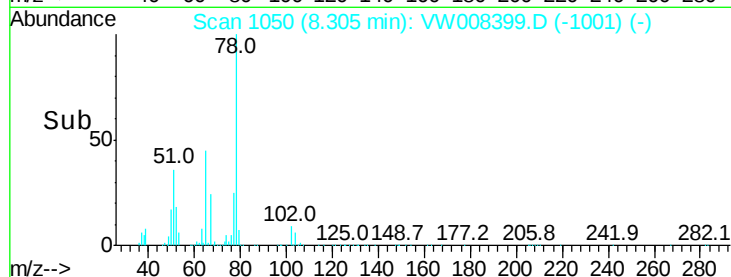
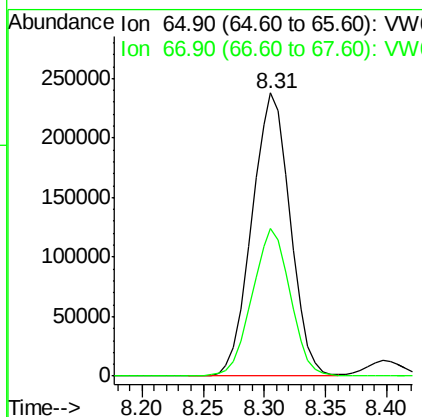
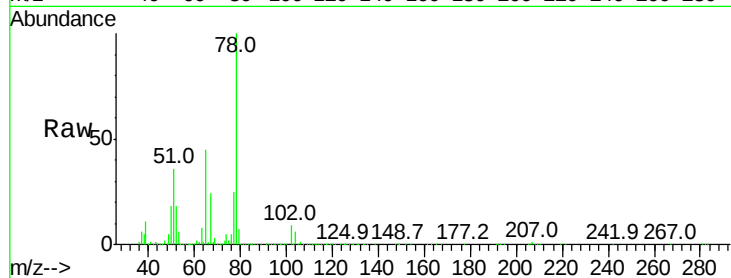




#33
 1,2-Dichloroethane-d4
 Concen: 94.885 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

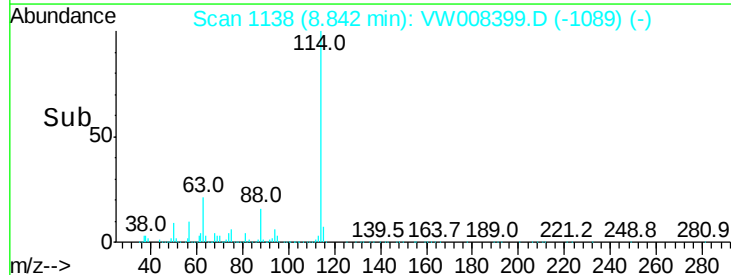
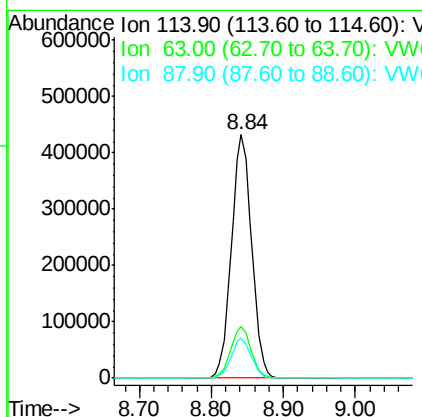
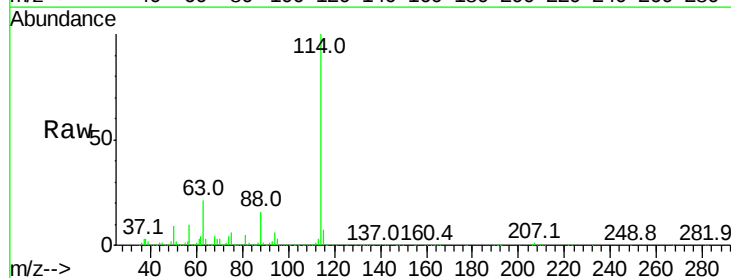
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

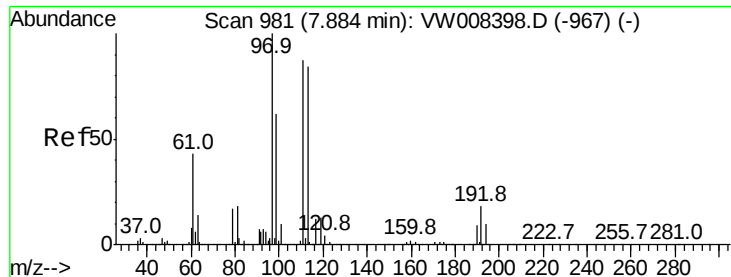
Tgt Ion: 65 Resp: 516690
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion: 114 Resp: 846418
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.6
 88 16.4 0.0 31.8

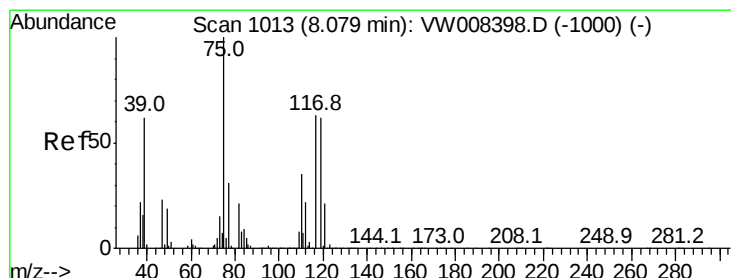
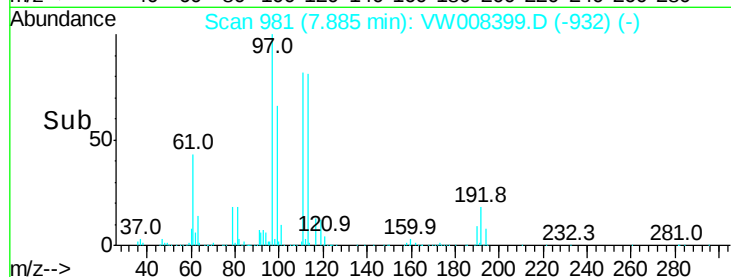
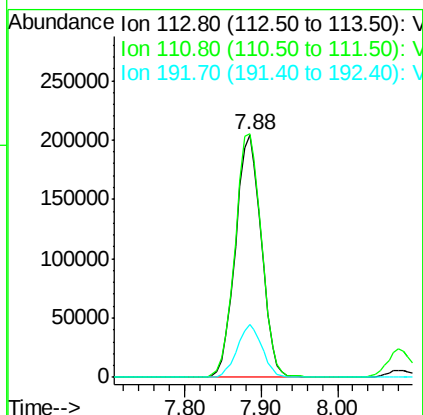
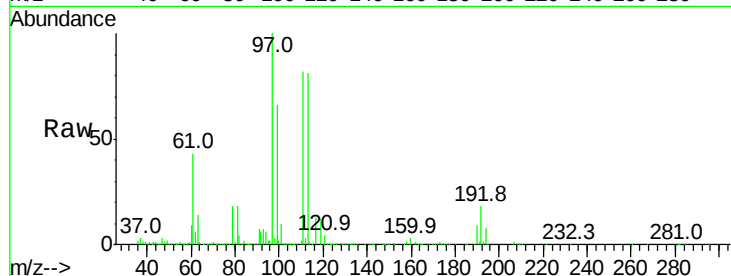




#35
 Dibromofluoromethane
 Concen: 88.480 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

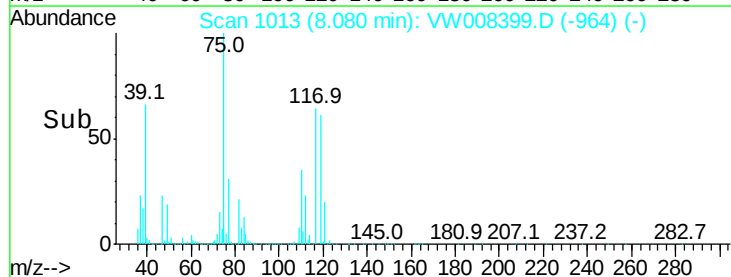
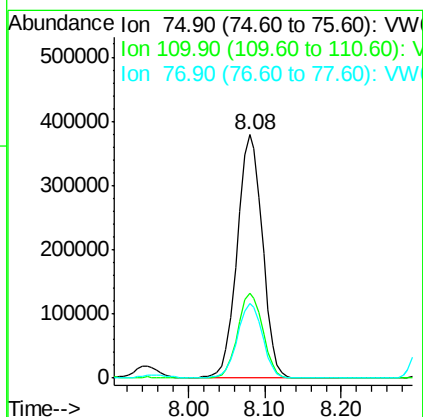
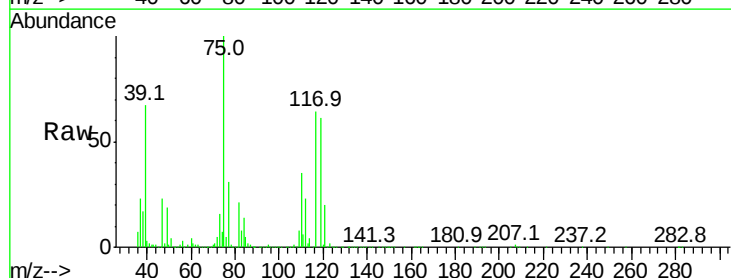
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

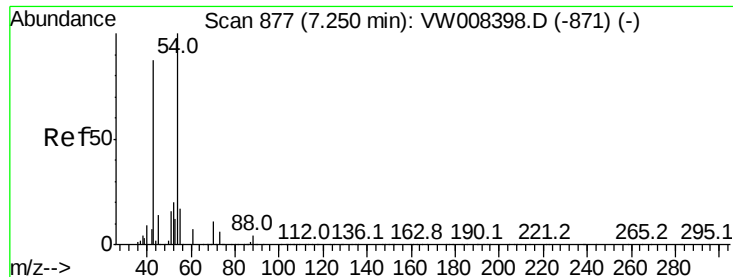
Tgt Ion: 113 Resp: 478055
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.4
 192 21.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 100.968 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion: 75 Resp: 859811
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.3 52.0
 77 30.9 24.7 37.1

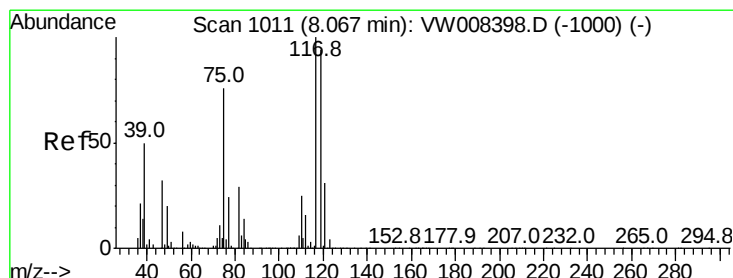
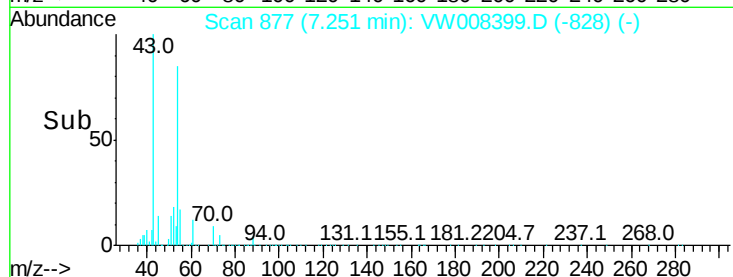
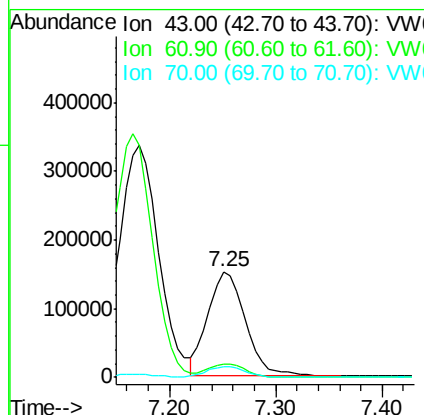
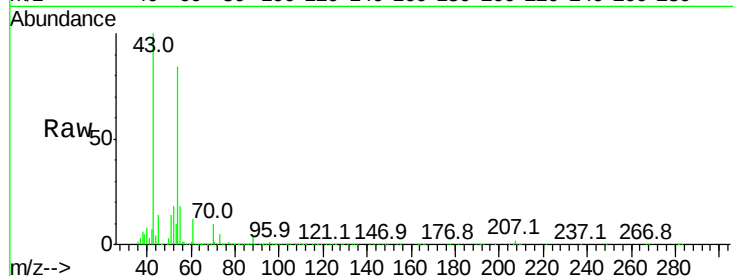




#37
Ethyl Acetate
Concen: 105.896 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

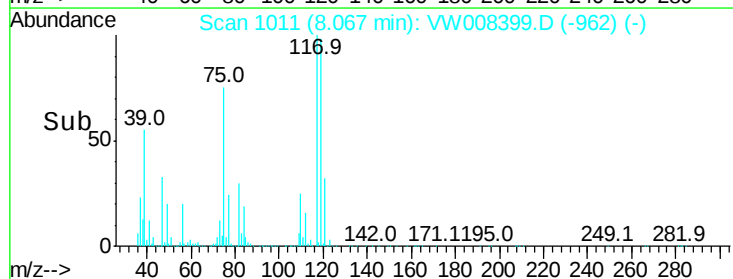
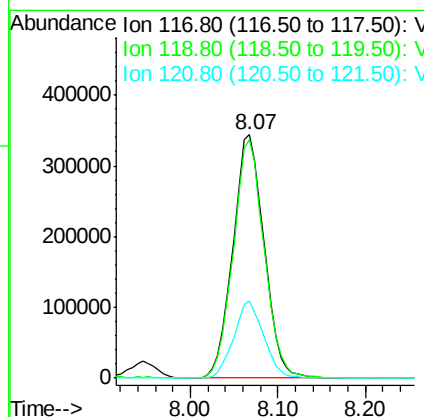
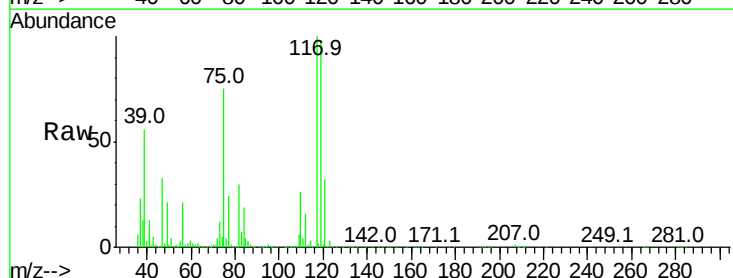
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

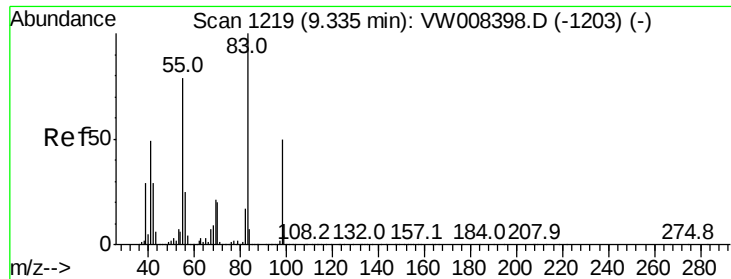
Tgt Ion: 43 Resp: 371872
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 10.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 101.419 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 117 Resp: 852818
Ion Ratio Lower Upper
117 100
119 98.2 75.0 112.4
121 31.6 24.9 37.3

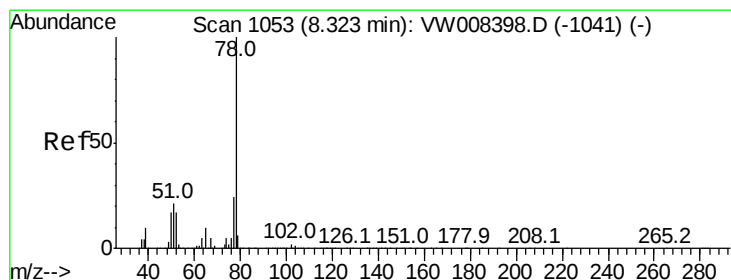
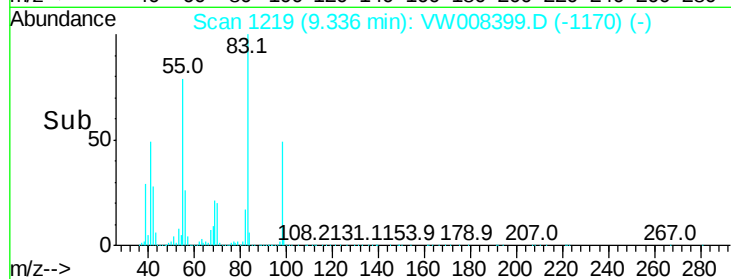
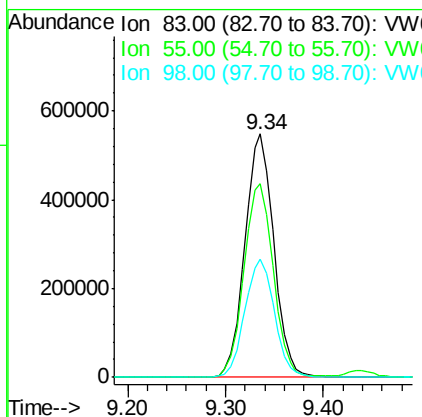
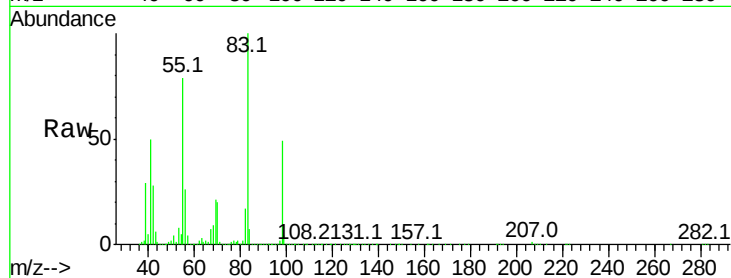




#39
Methylcyclohexane
Concen: 110.647 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

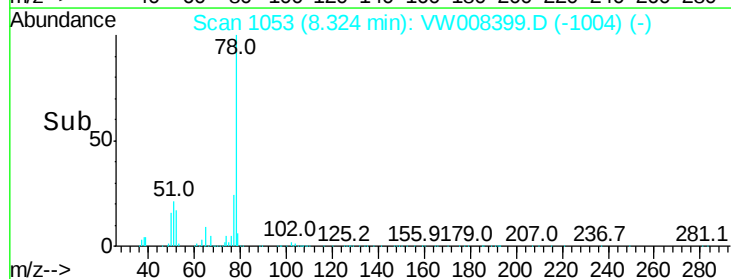
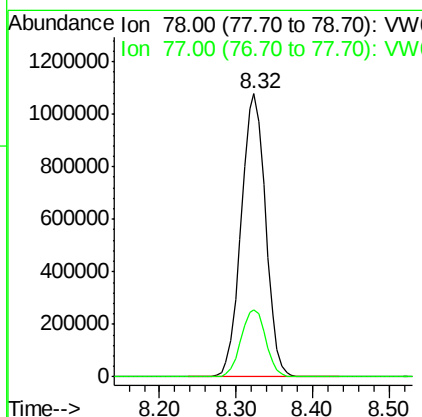
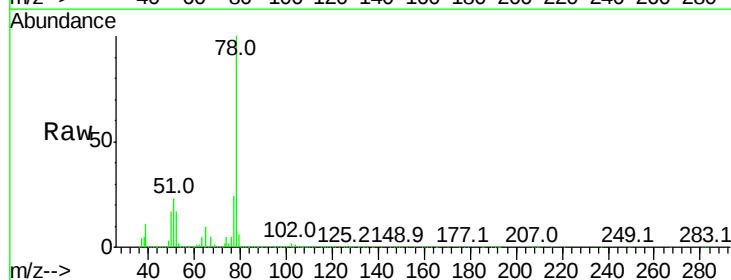
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

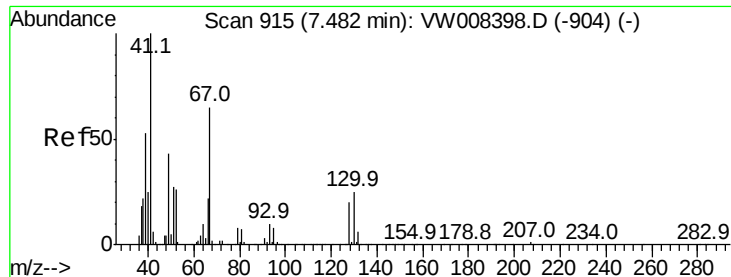
Tgt Ion: 83 Resp: 1120790
Ion Ratio Lower Upper
83 100
55 79.3 63.3 94.9
98 48.7 39.7 59.5



#40
Benzene
Concen: 98.515 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 78 Resp: 2376400
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 112.903 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 230804

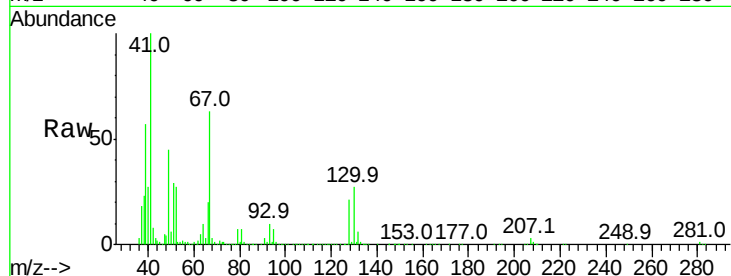
Ion Ratio Lower Upper

41 100

39 61.2 43.4 65.0

67 66.2 54.2 81.2

52 28.4 22.9 34.3

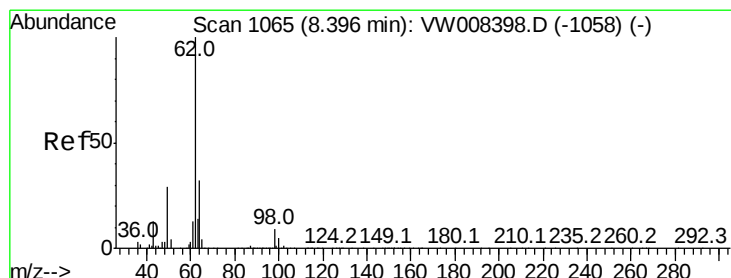
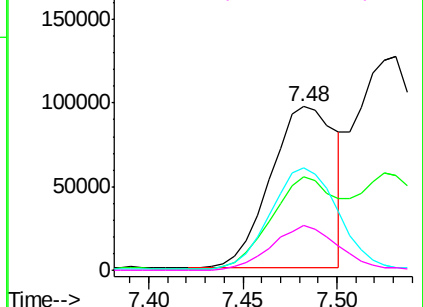
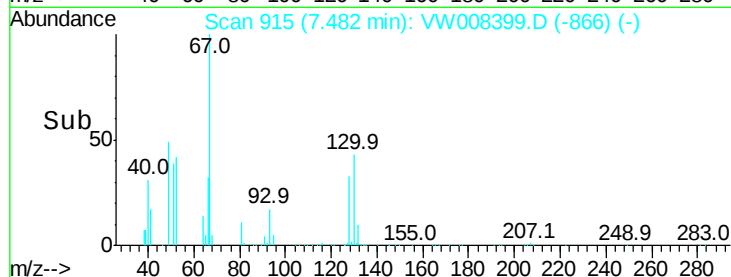


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 102.362 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008399.D

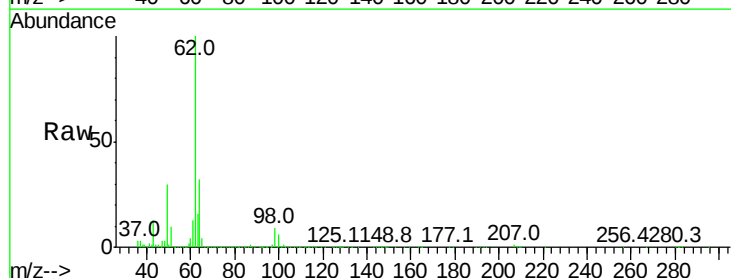
Acq: 24 Jan 2019 16:33

Tgt Ion: 62 Resp: 690455

Ion Ratio Lower Upper

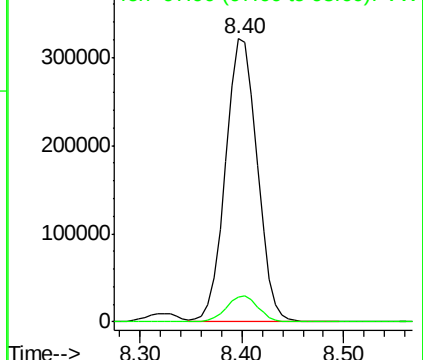
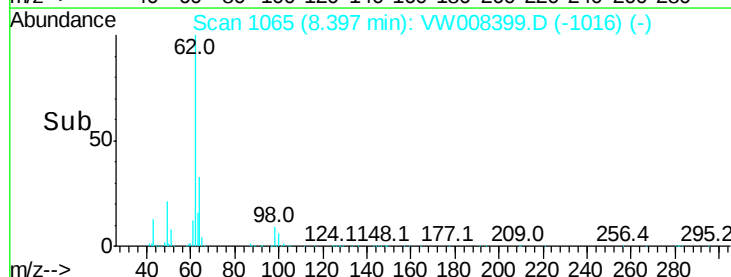
62 100

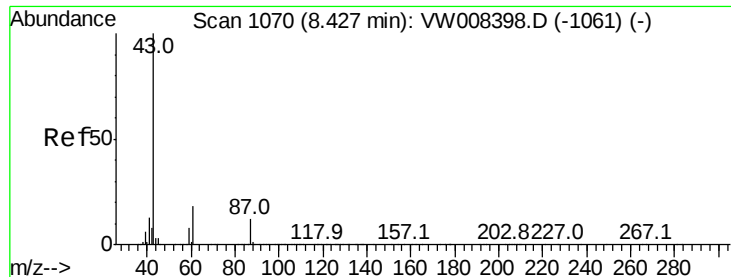
98 9.1 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 120.050 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

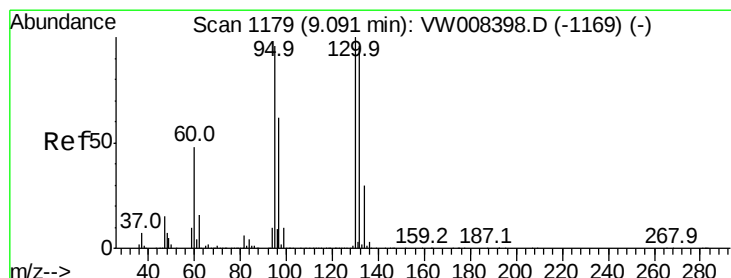
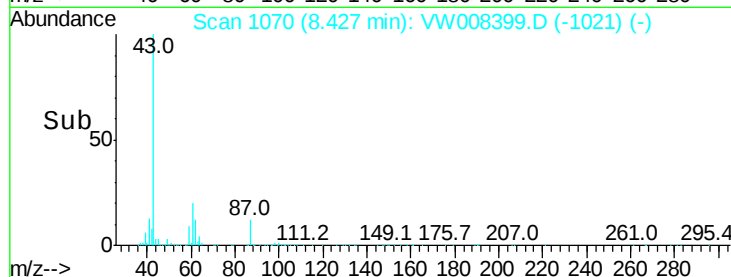
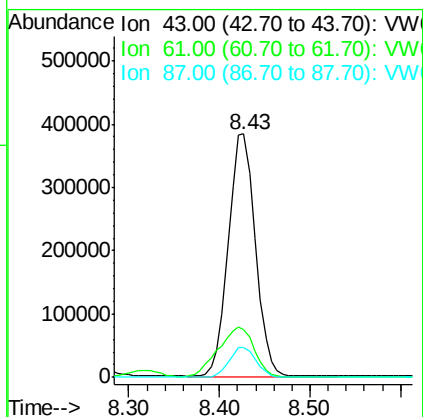
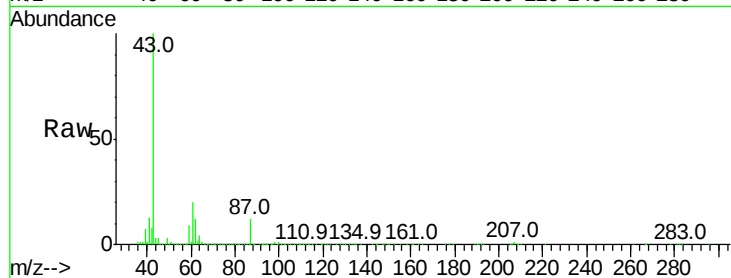
Tgt Ion: 43 Resp: 796329

Ion Ratio Lower Upper

43 100

61 27.7 22.0 33.0

87 12.3 9.3 13.9



#44

Trichloroethene

Concen: 96.168 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008399.D

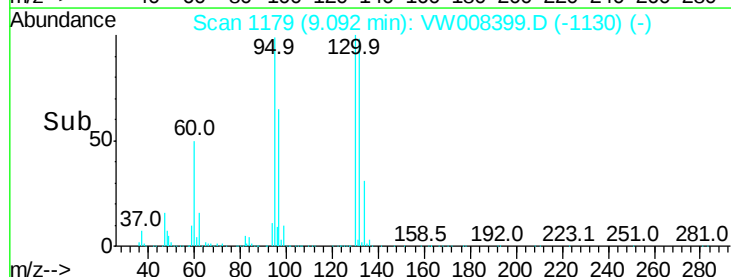
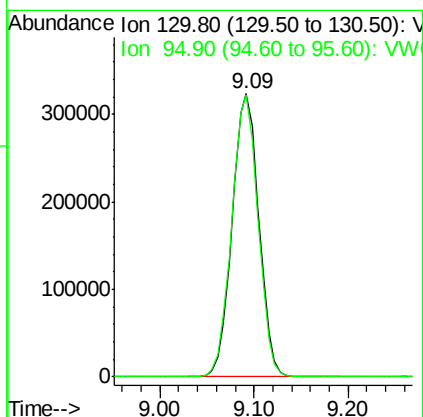
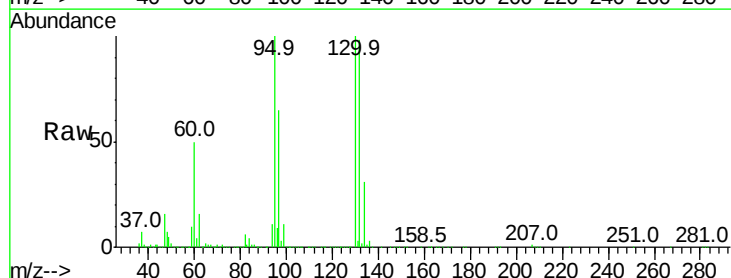
Acq: 24 Jan 2019 16:33

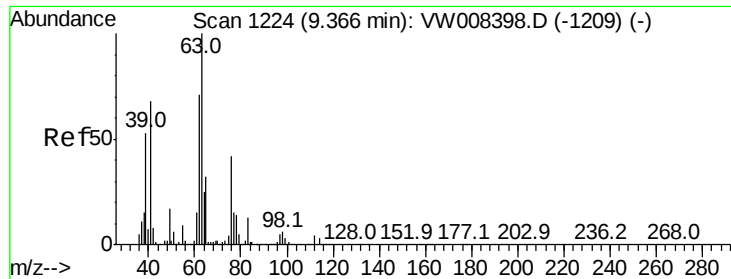
Tgt Ion:130 Resp: 635554

Ion Ratio Lower Upper

130 100

95 99.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 99.241 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

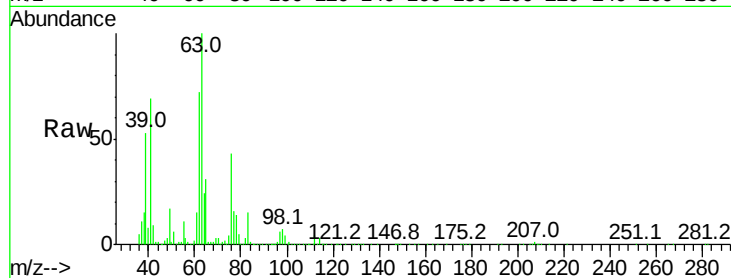
VSTDIC100

Tgt Ion: 63 Resp: 594643

Ion Ratio Lower Upper

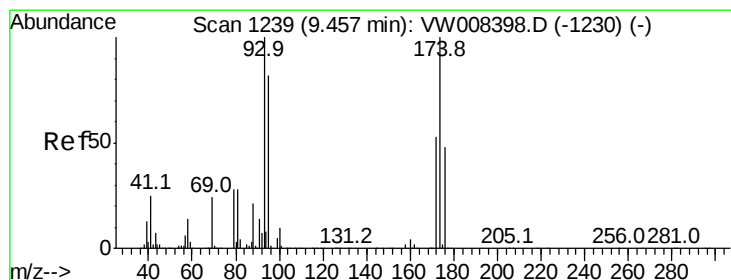
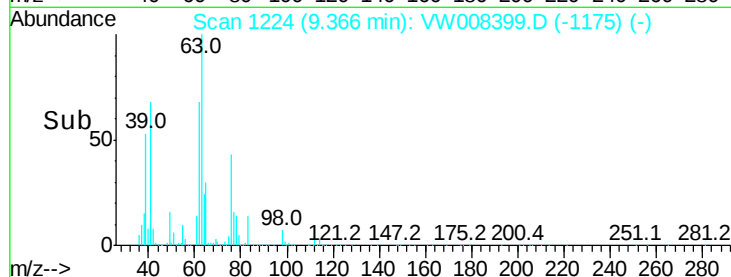
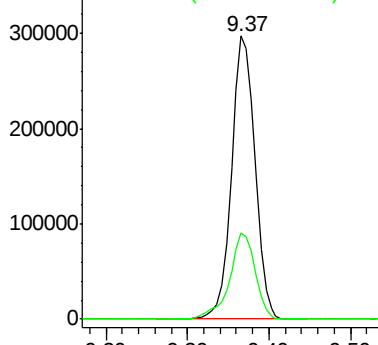
63 100

65 30.6 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 96.854 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

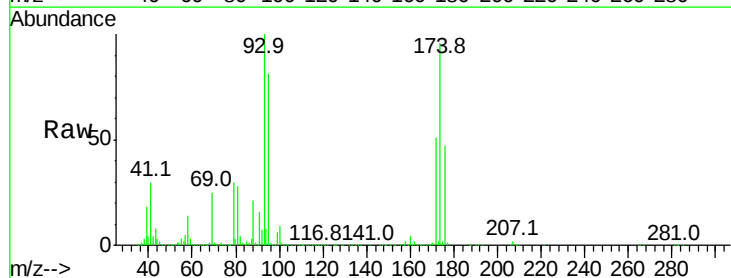
Tgt Ion: 93 Resp: 302468

Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

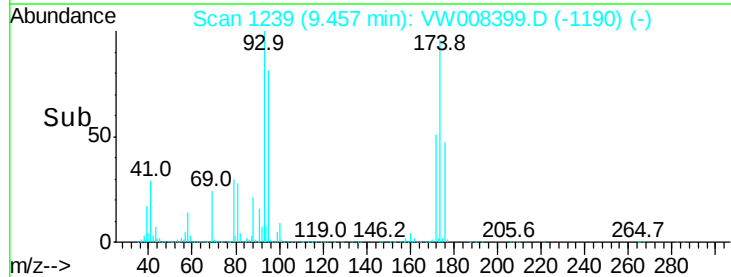
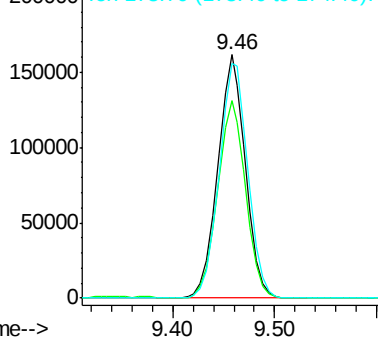
174 100.8 81.0 121.6

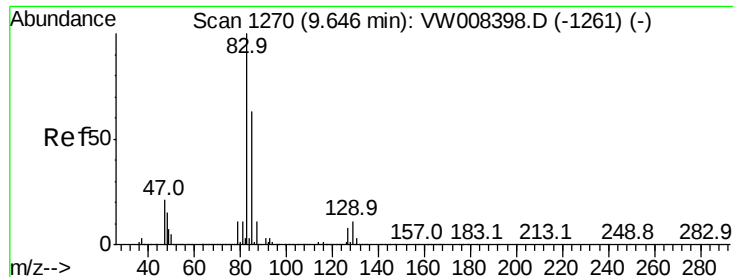


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 104.547 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

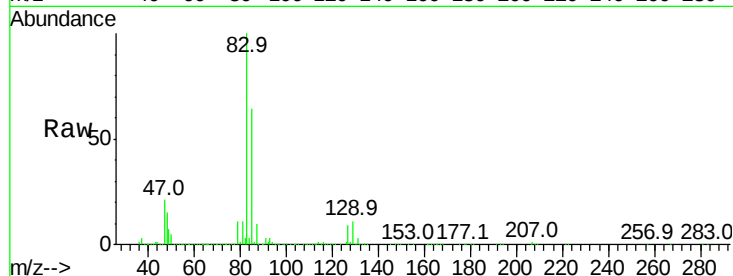
Tgt Ion: 83 Resp: 805348

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

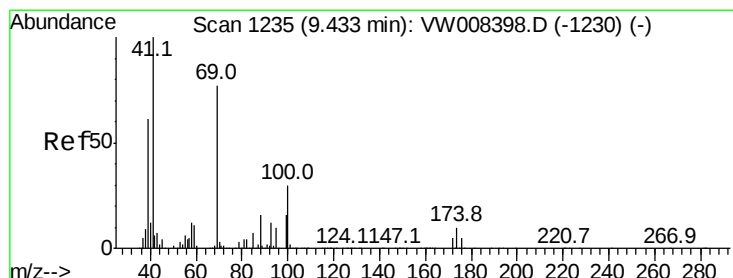
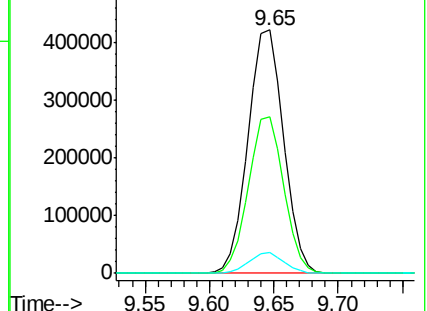
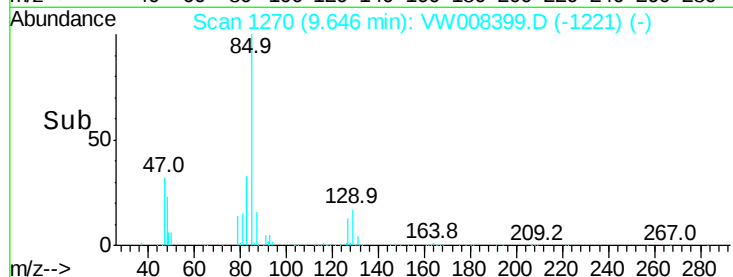
127 8.5 6.8 10.2



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: 125.230 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

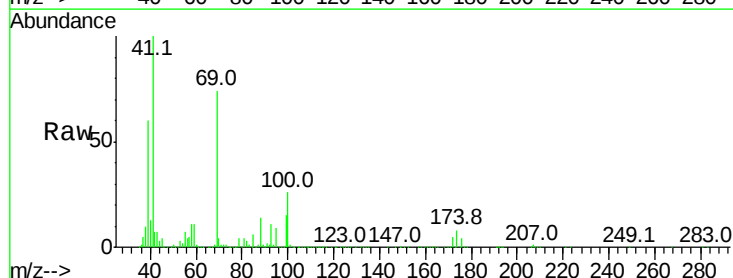
Tgt Ion: 41 Resp: 391051

Ion Ratio Lower Upper

41 100

69 79.2 64.8 97.2

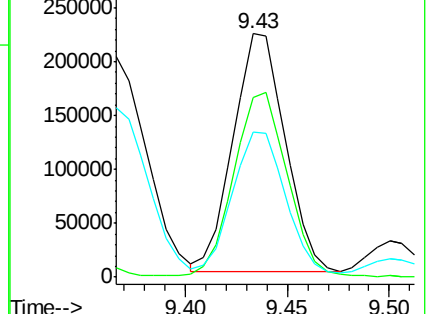
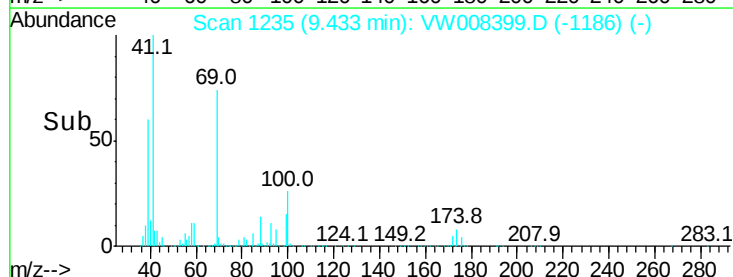
39 59.7 49.1 73.7

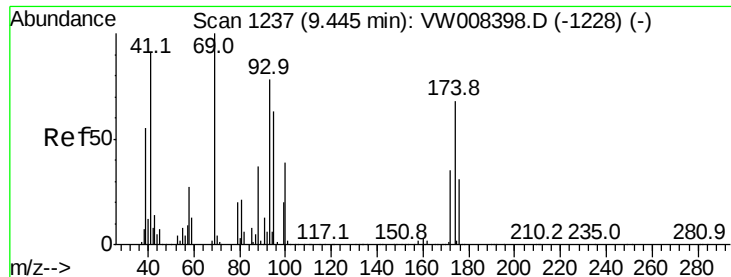


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2003.934 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

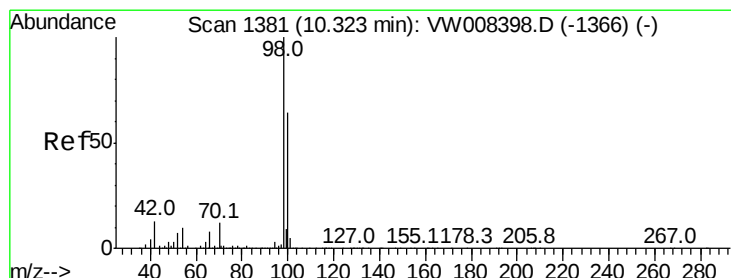
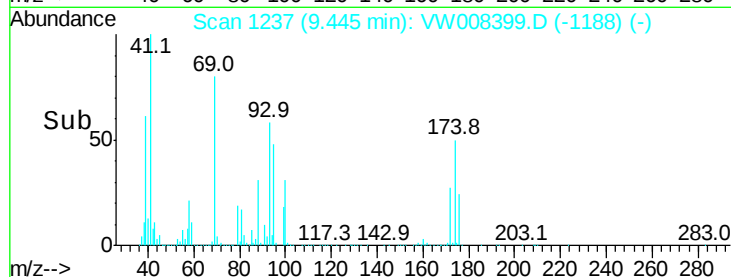
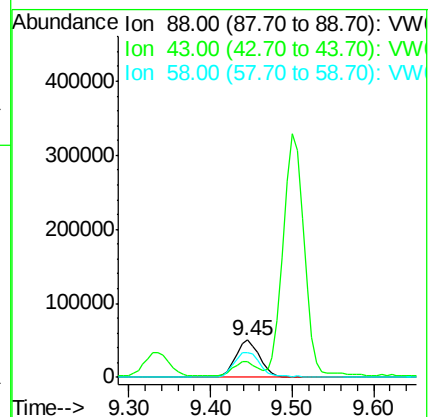
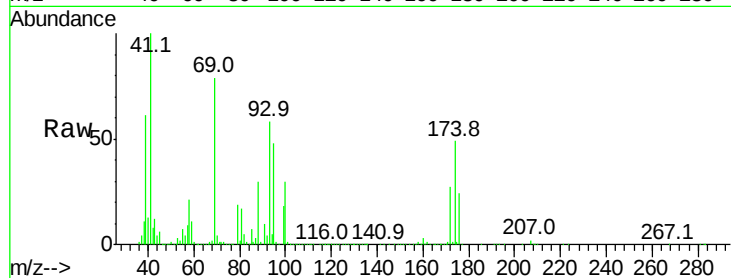
Tgt Ion: 88 Resp: 100744

Ion Ratio Lower Upper

88 100

43 35.9 29.0 43.4

58 73.7 56.4 84.6



#50

Toluene-d8

Concen: 91.940 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008399.D

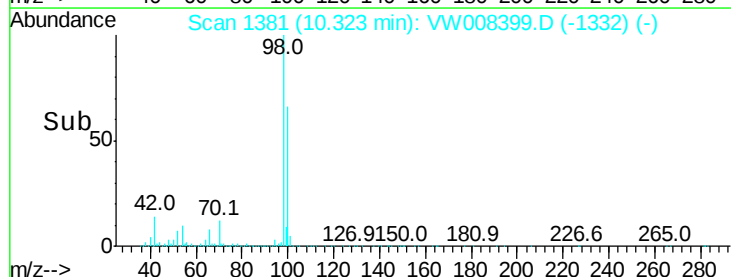
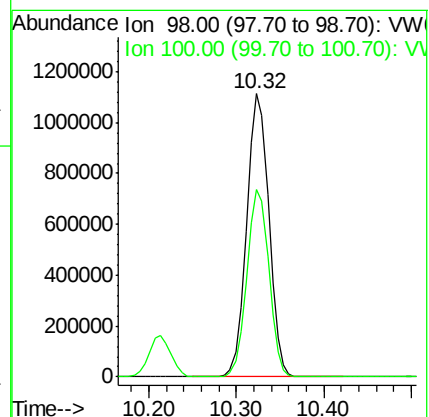
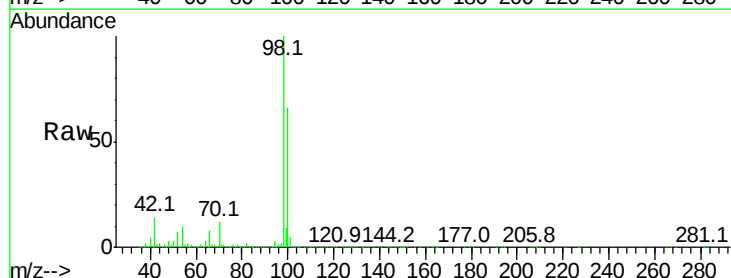
Acq: 24 Jan 2019 16:33

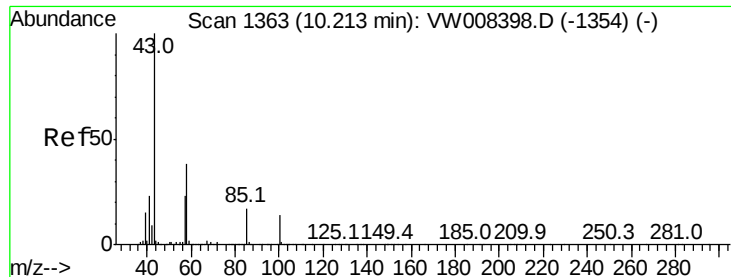
Tgt Ion: 98 Resp: 1951496

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

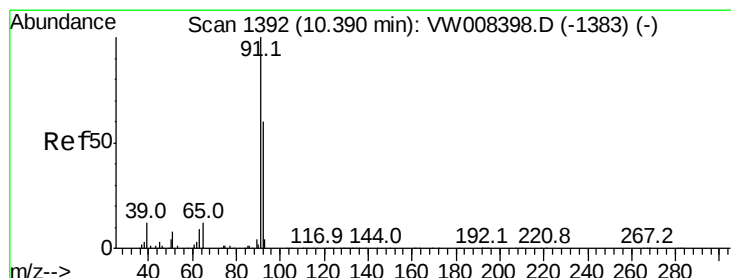
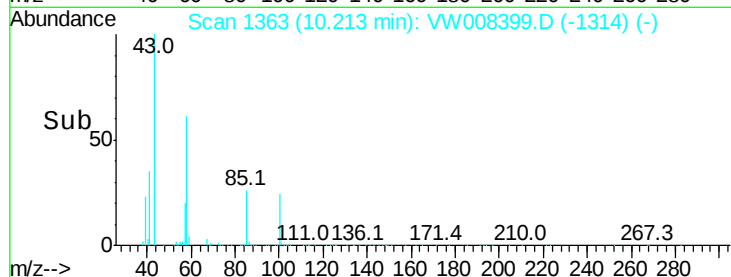
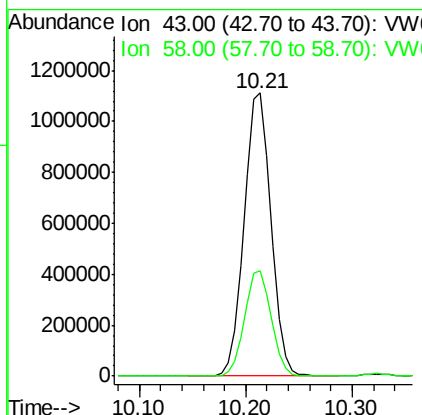
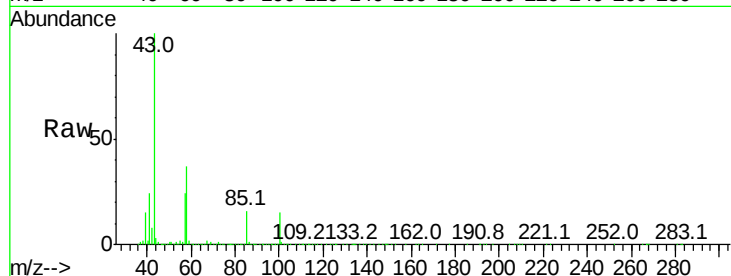




#51
4-Methyl-2-Pentanone
Concen: 584.140 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

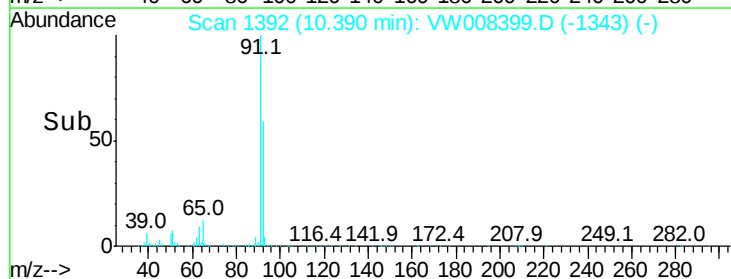
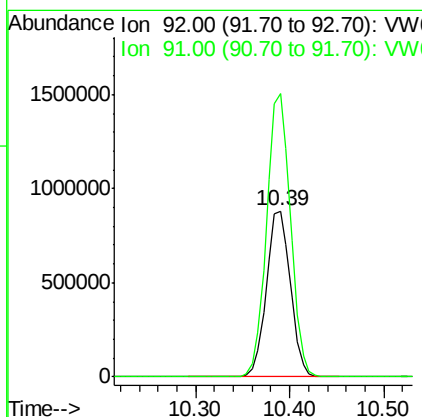
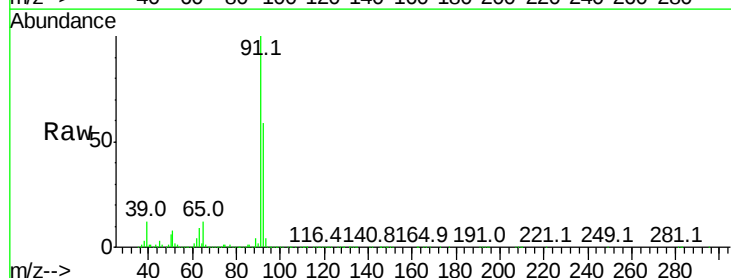
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

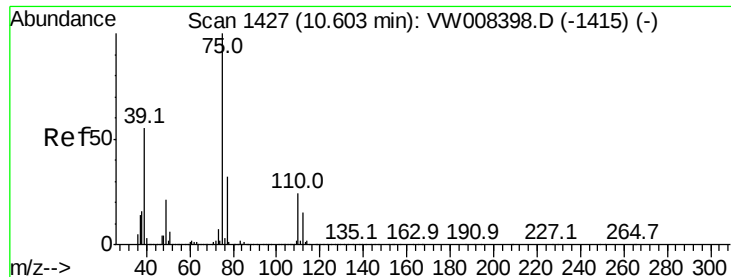
Tgt Ion: 43 Resp: 1962016
Ion Ratio Lower Upper
43 100
58 37.2 29.7 44.5



#52
Toluene
Concen: 103.162 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 92 Resp: 1574831
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 112.953 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampled :

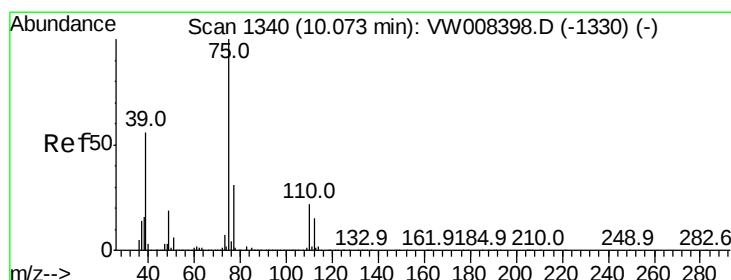
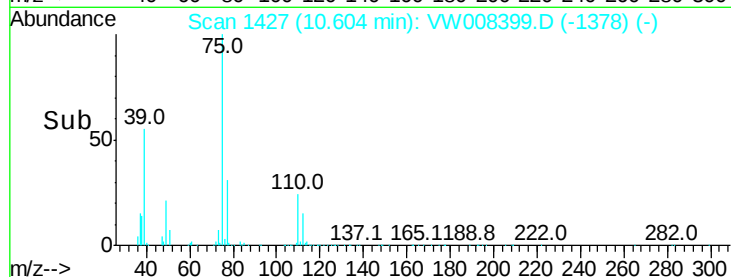
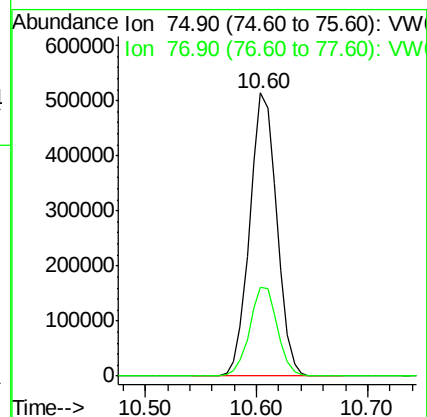
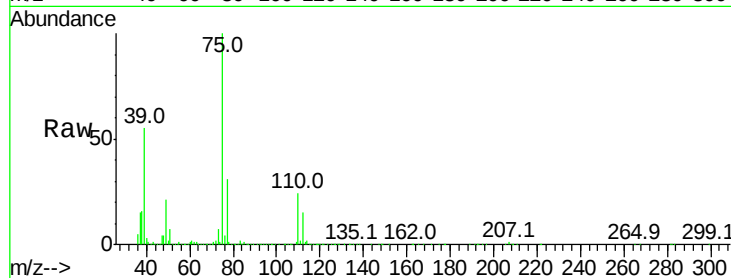
VSTDIC100

Tgt Ion: 75 Resp: 868416

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 107.948 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

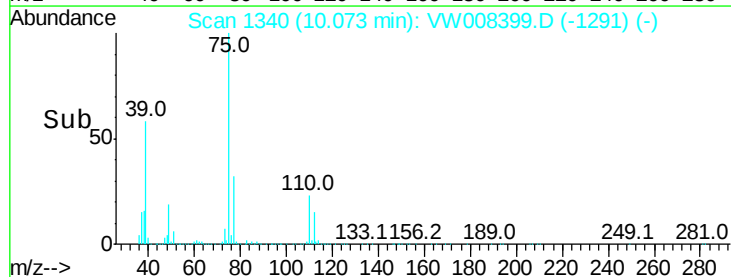
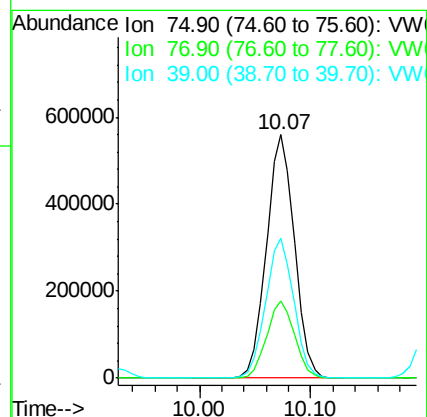
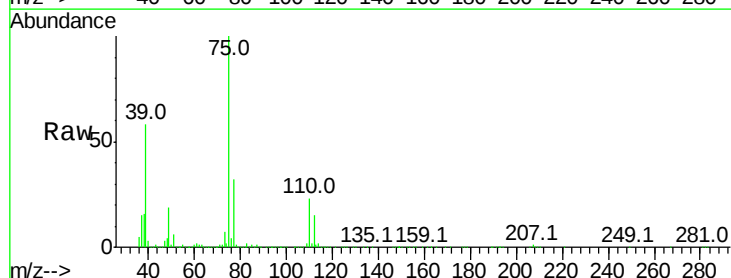
Tgt Ion: 75 Resp: 978360

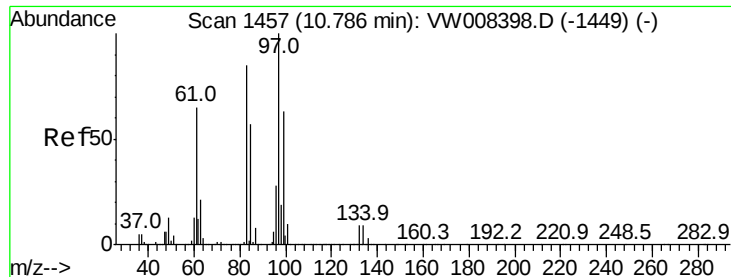
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 57.5 44.9 67.3





#55

1,1,2-Trichloroethane

Concen: 97.918 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 424135

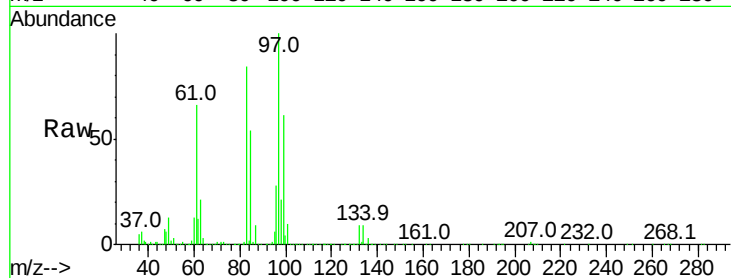
Ion Ratio Lower Upper

97 100

83 83.9 68.4 102.6

85 53.9 45.3 67.9

99 61.3 50.6 76.0

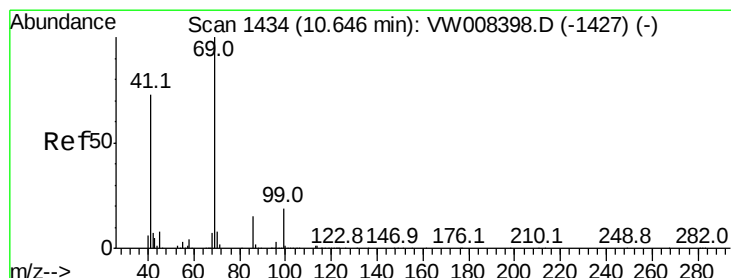
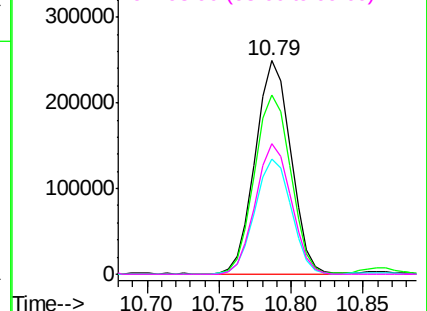
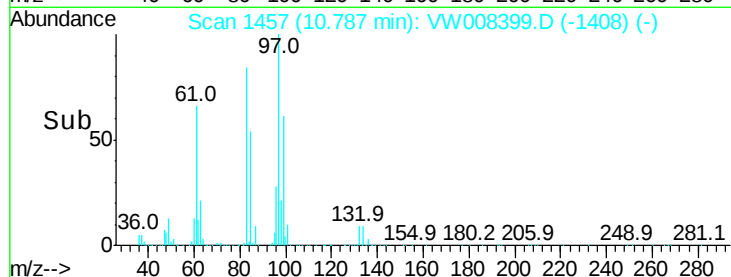


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 118.219 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

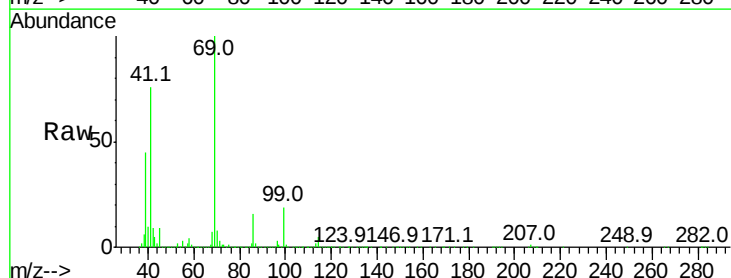
Tgt Ion: 69 Resp: 601380

Ion Ratio Lower Upper

69 100

41 73.8 58.7 88.1

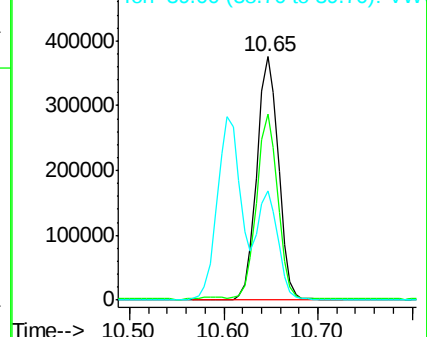
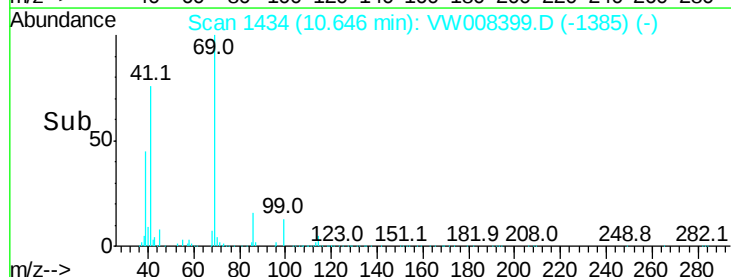
39 41.6 32.6 48.8

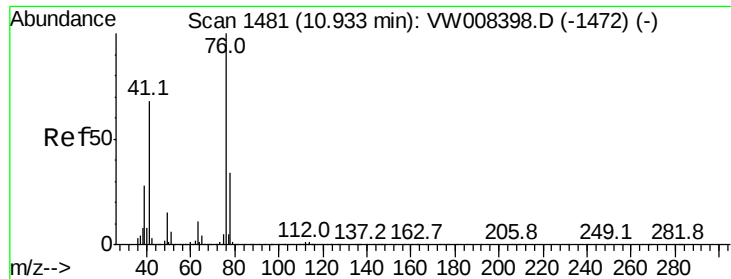


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 100.843 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

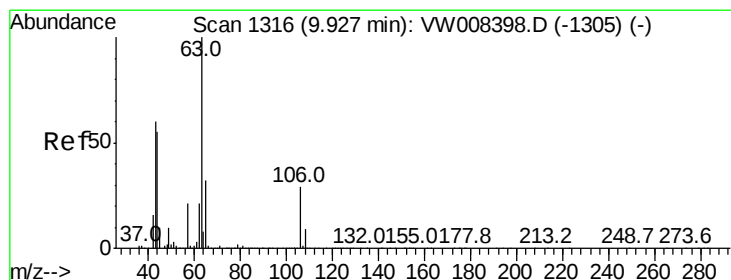
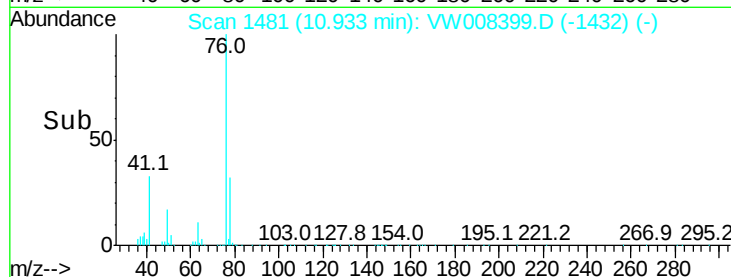
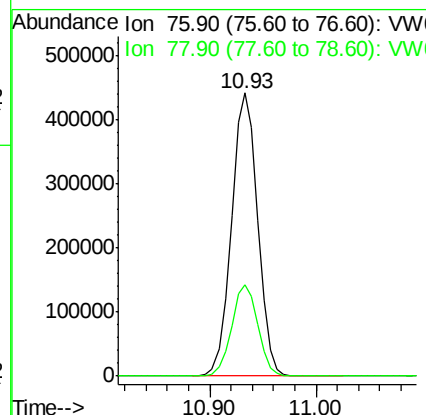
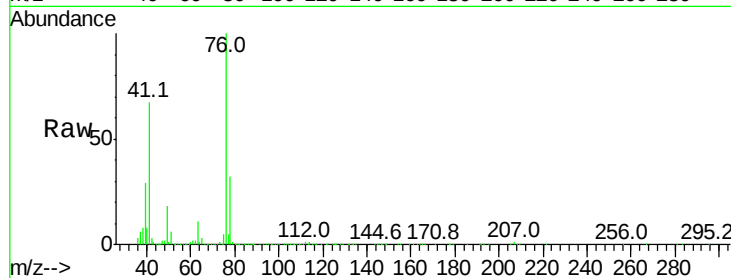
Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 758422

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 610.231 ug/l

RT: 9.93 min Scan# 1316

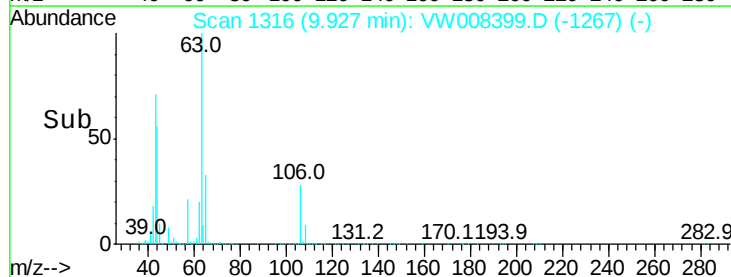
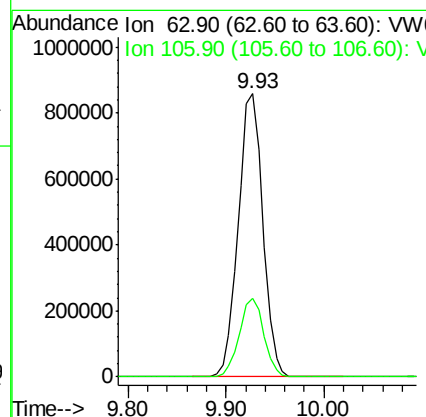
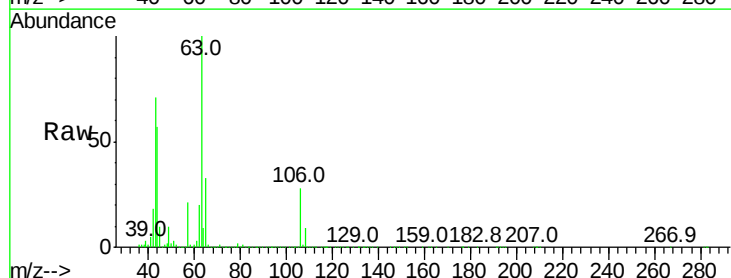
Delta R.T. 0.00 min

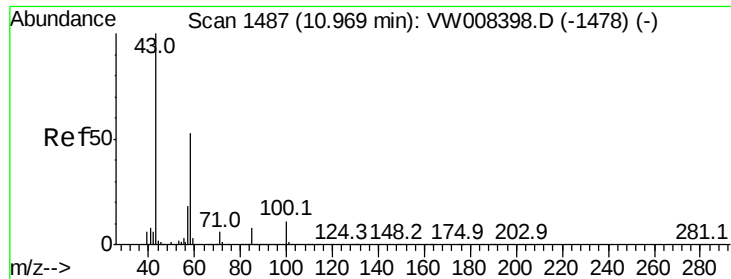
Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion: 63 Resp: 1497346

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.4	33.6





#59

2-Hexanone

Concen: 595.504 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

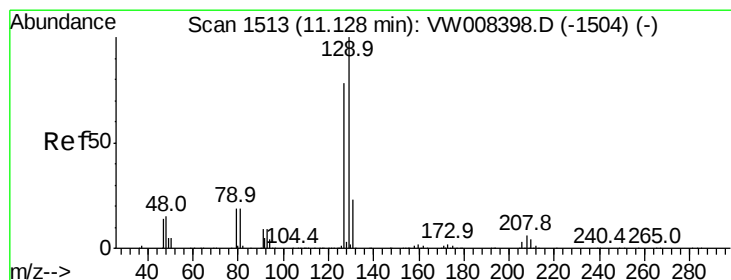
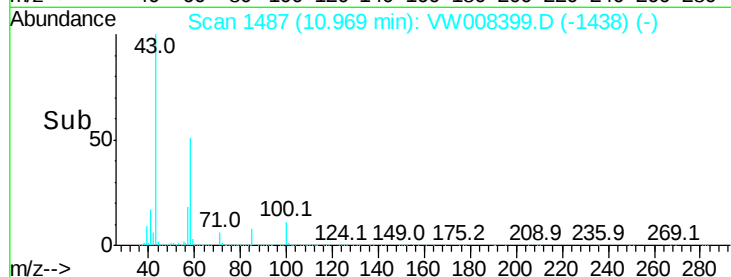
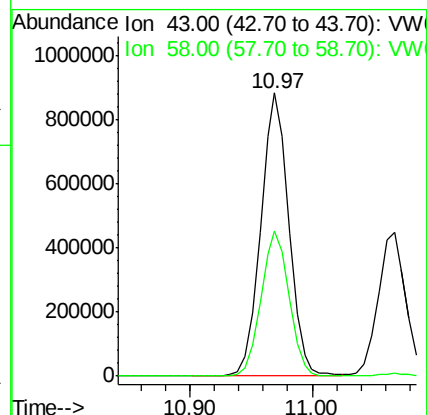
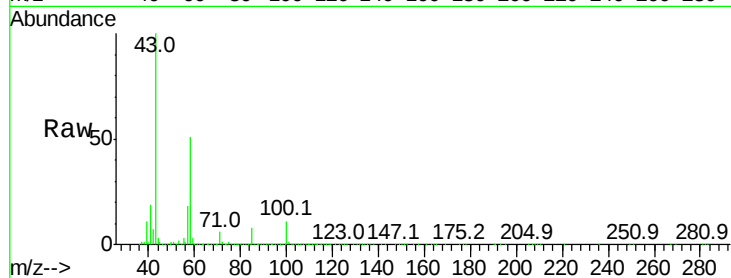
VSTDIC100

Tgt Ion: 43 Resp: 1401457

Ion Ratio Lower Upper

43 100

58 51.3 25.9 77.7



#60

Dibromochloromethane

Concen: 105.761 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008399.D

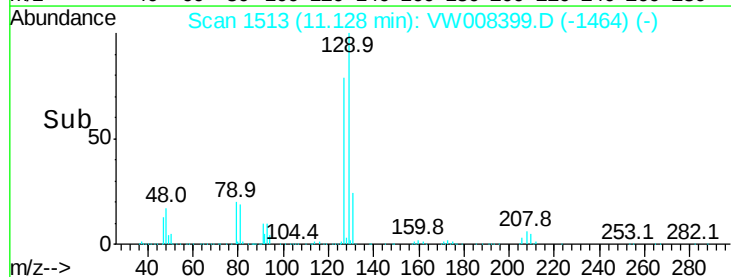
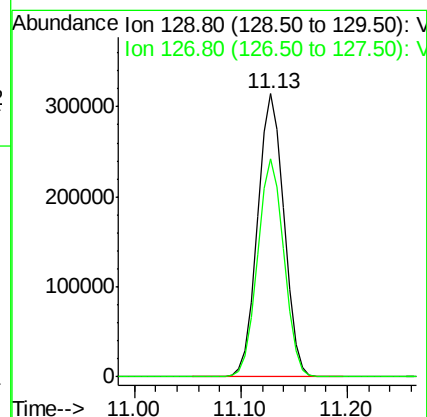
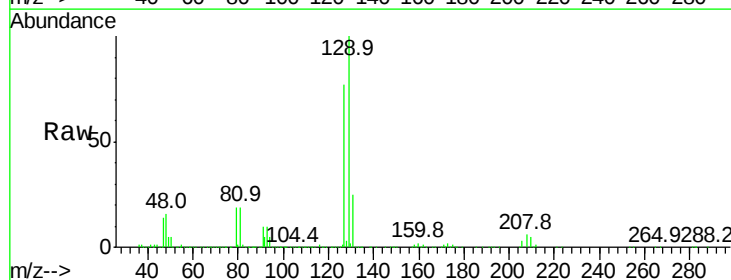
Acq: 24 Jan 2019 16:33

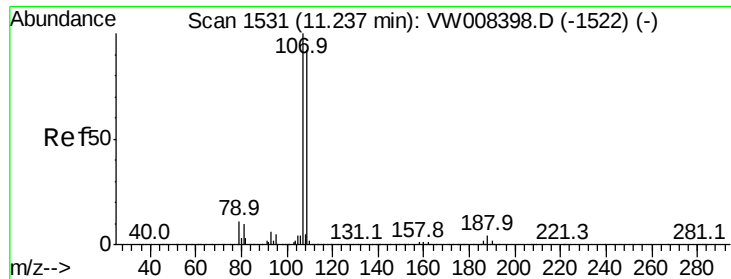
Tgt Ion: 129 Resp: 546735

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.2

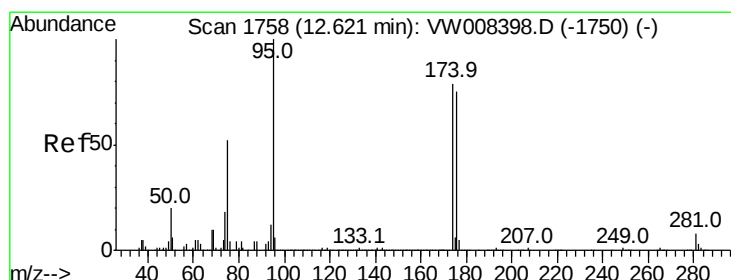
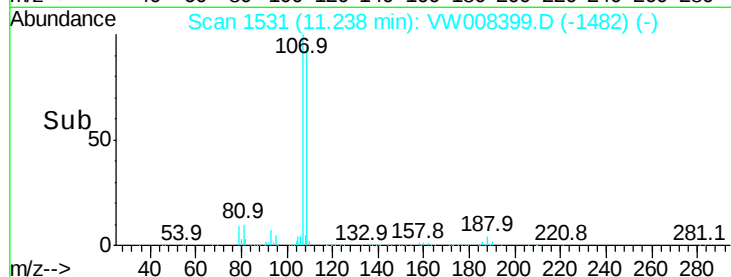
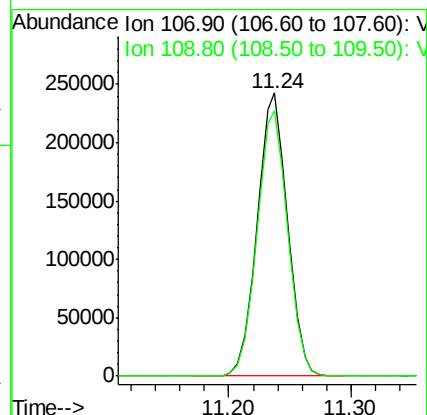
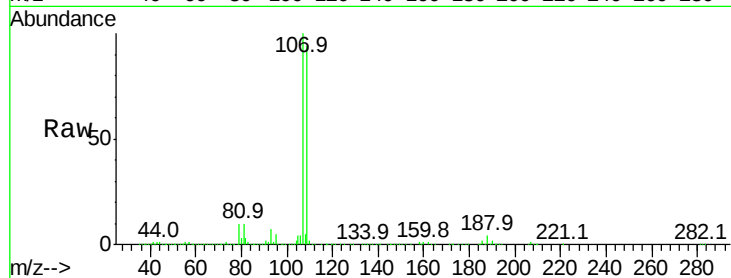




#61
 1,2-Dibromoethane
 Concen: 99.573 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

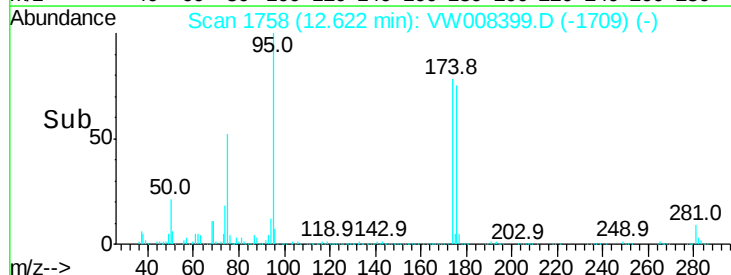
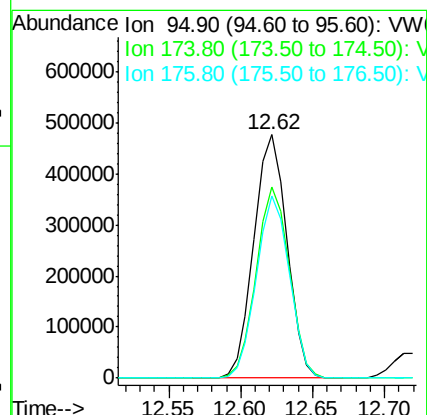
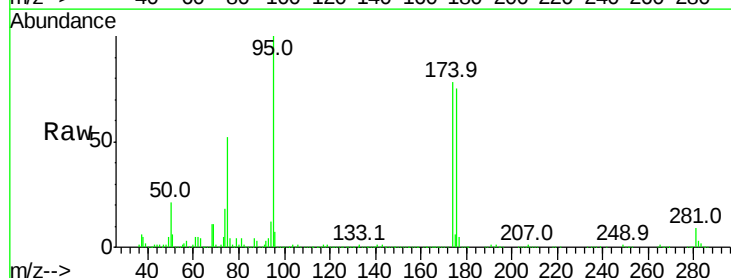
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

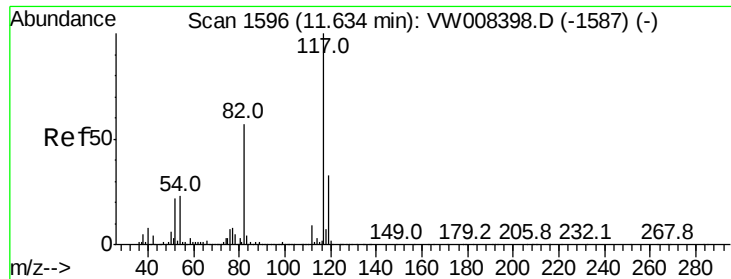
Tgt Ion: 107 Resp: 417647
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 99.423 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion: 95 Resp: 756871
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 157.6
 176 74.7 0.0 151.8

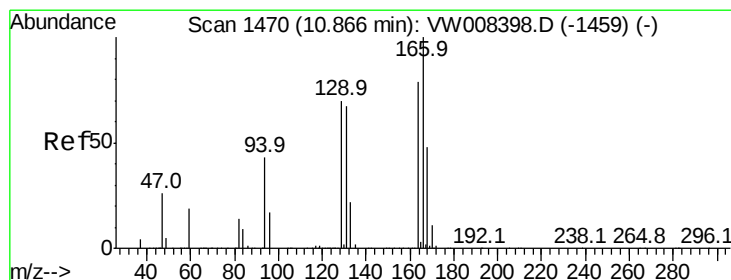
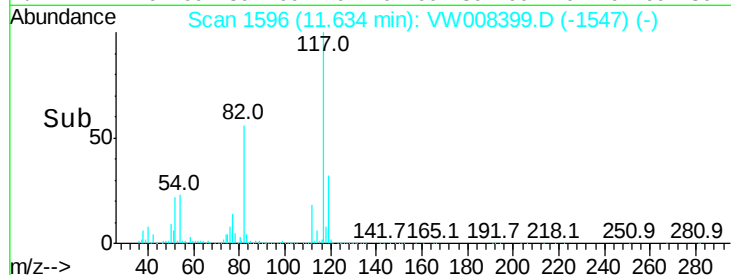
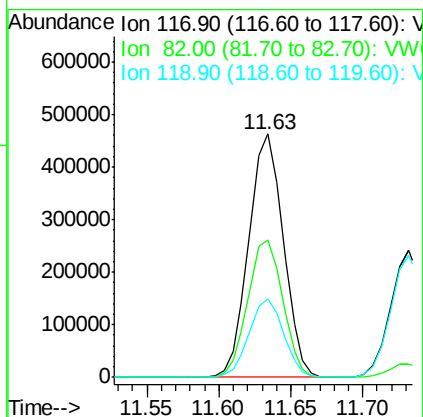
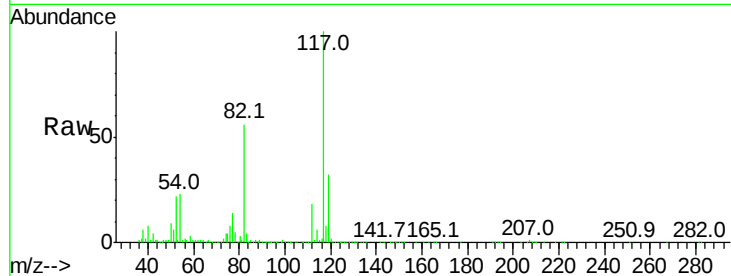




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

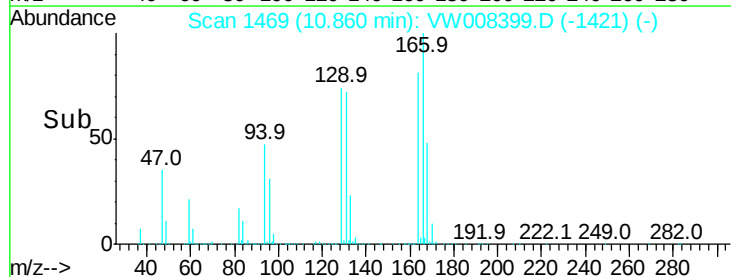
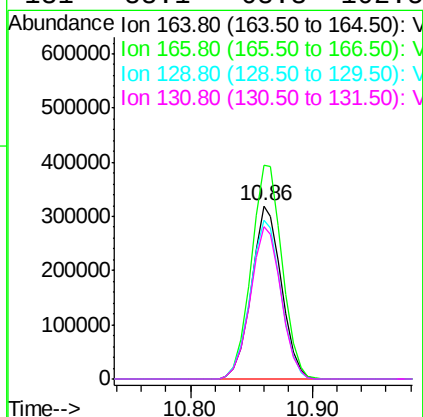
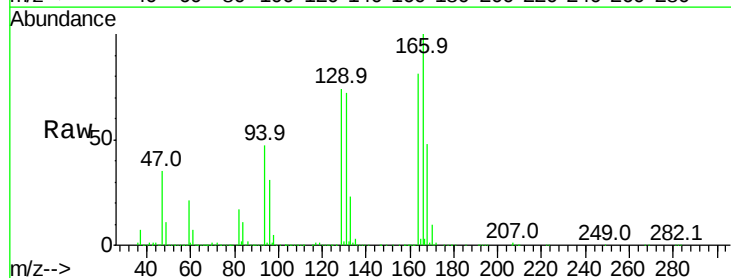
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

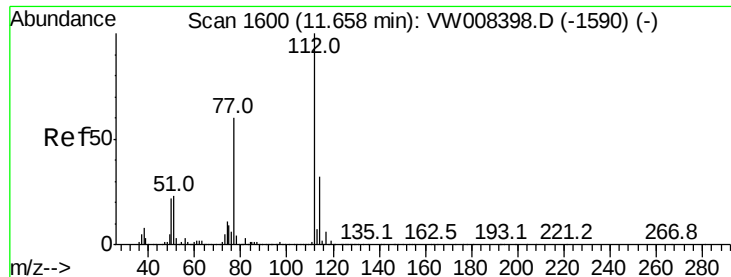
Tgt Ion:117 Resp: 769206
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 100.381 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:164 Resp: 541409
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 91.7 71.0 106.6
131 88.1 68.3 102.5

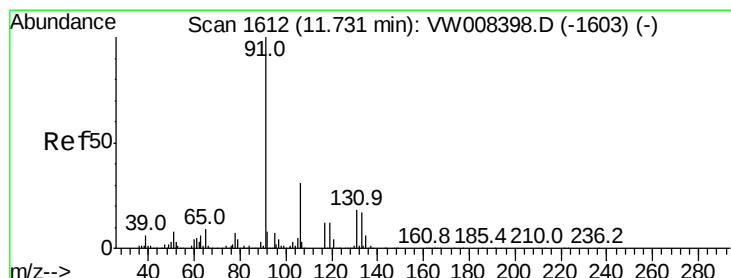
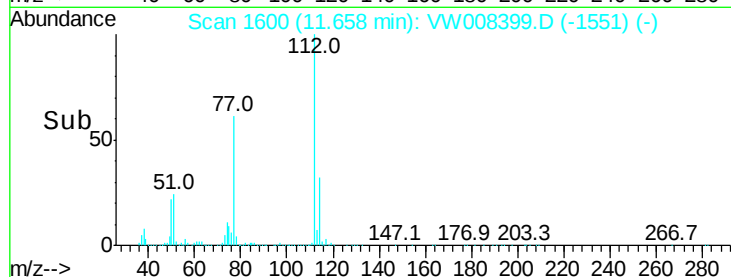
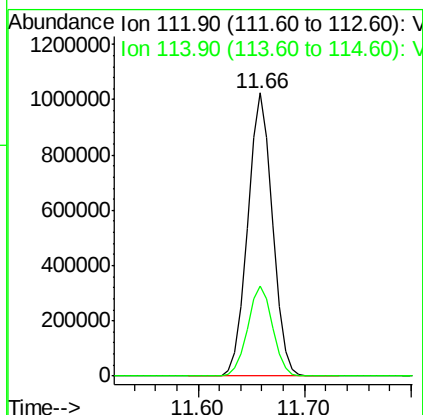
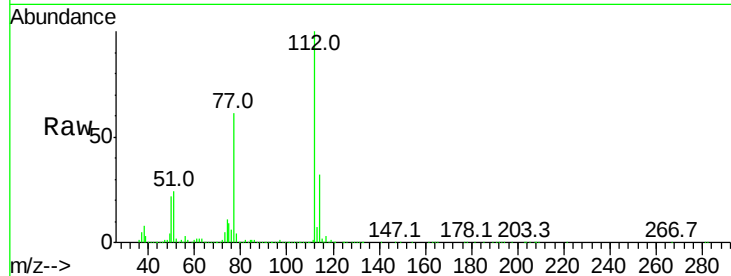




#65
Chlorobenzene
Concen: 99.503 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

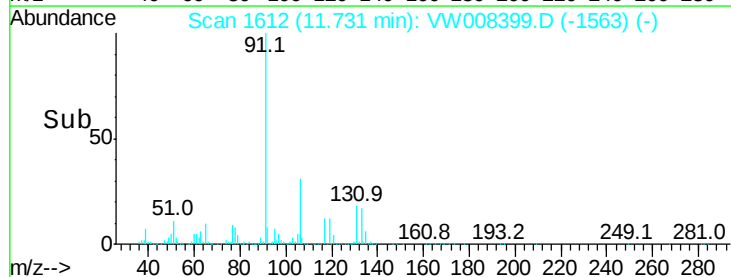
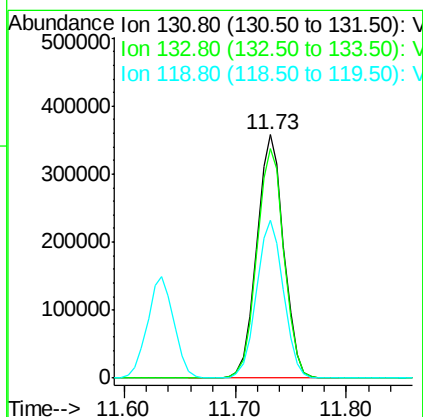
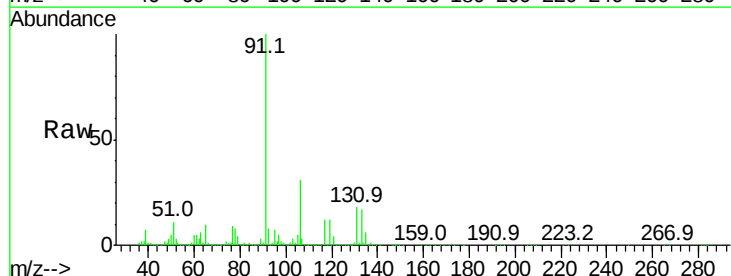
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

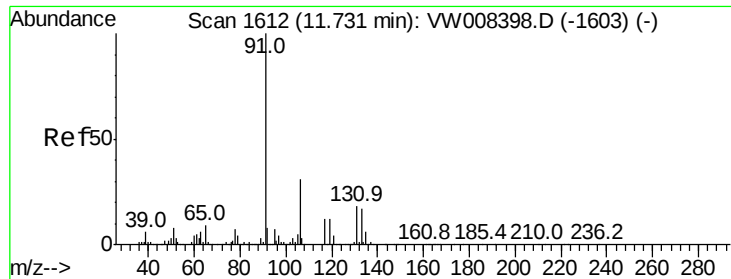
Tgt Ion:112 Resp: 1669476
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 104.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:131 Resp: 600822
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.2
119 65.0 32.1 96.3

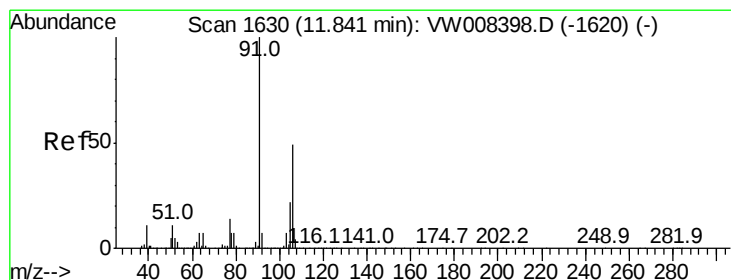
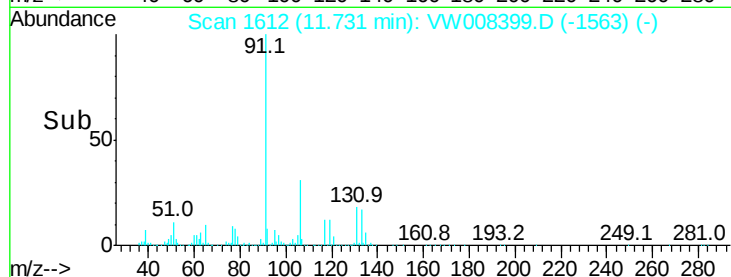
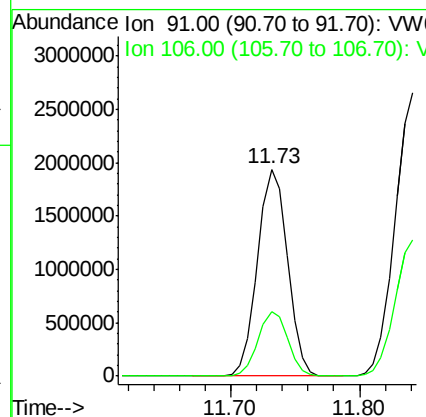
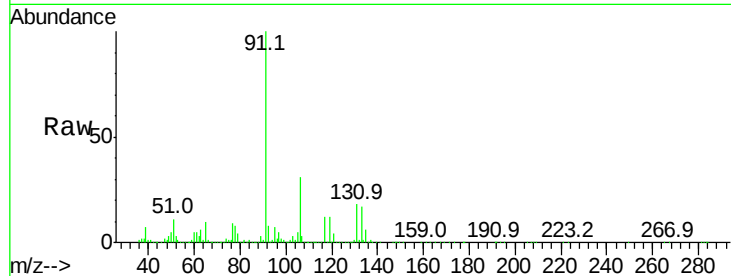




#67
Ethyl Benzene
Concen: 106.793 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

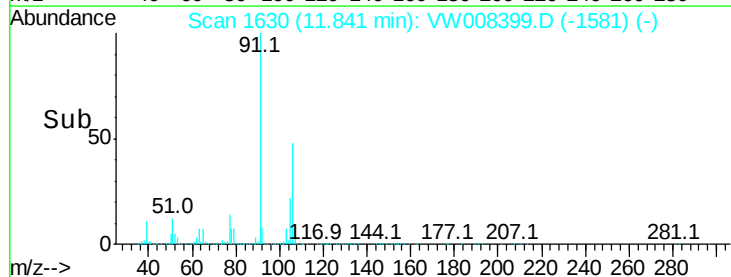
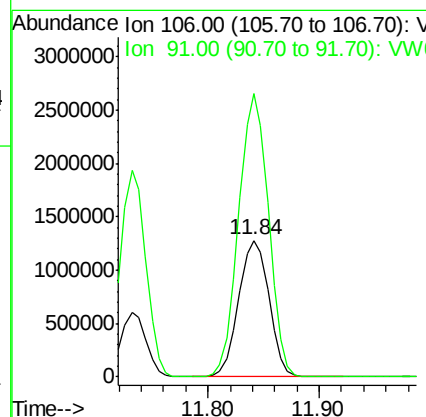
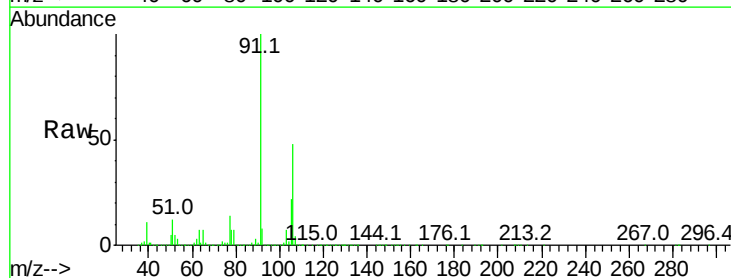
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

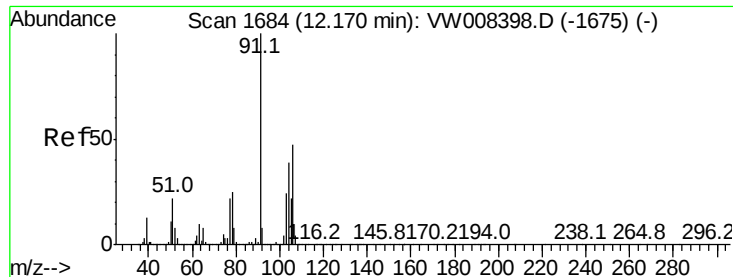
Tgt Ion: 91 Resp: 3111137
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 213.159 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 106 Resp: 2410300
Ion Ratio Lower Upper
106 100
91 204.4 162.9 244.3

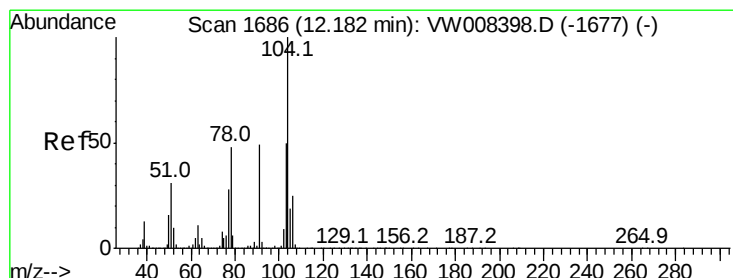
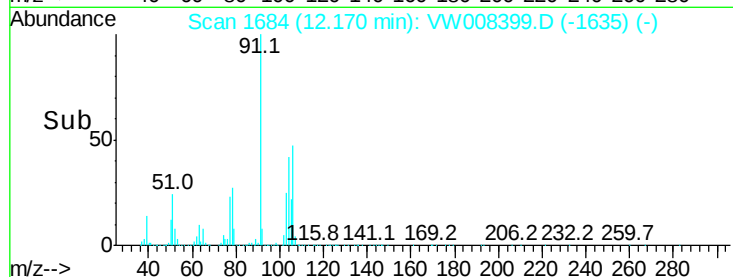
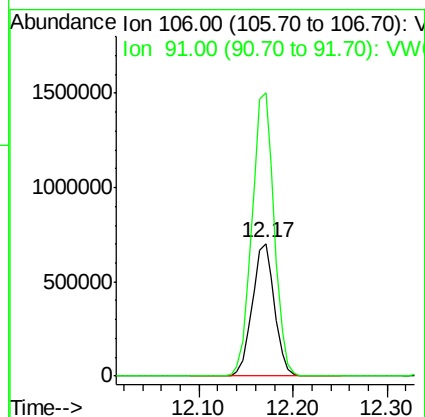
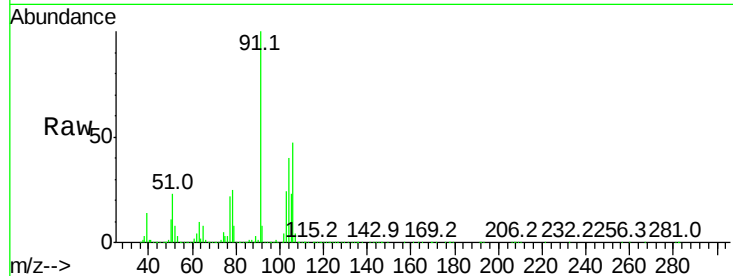




#69
o-Xylene
Concen: 109.442 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

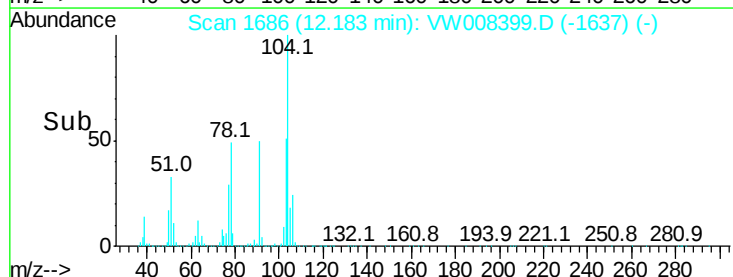
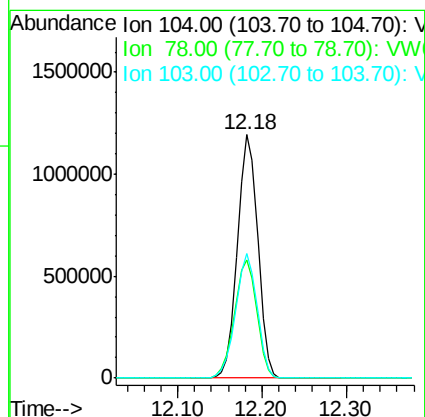
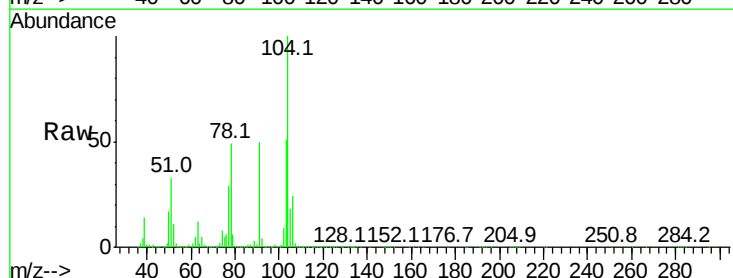
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

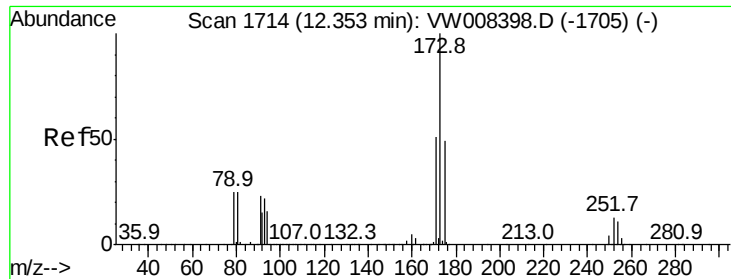
Tgt Ion:106 Resp: 1156169
Ion Ratio Lower Upper
106 100
91 214.8 107.5 322.4



#70
Styrene
Concen: 114.168 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:104 Resp: 1937309
Ion Ratio Lower Upper
104 100
78 53.6 42.4 63.6
103 54.4 43.4 65.0

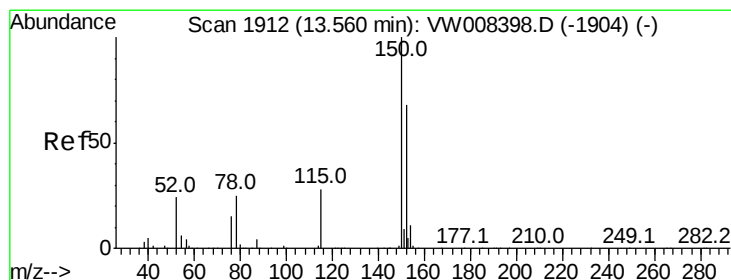
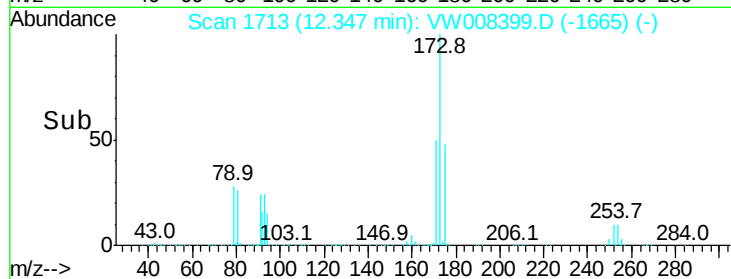
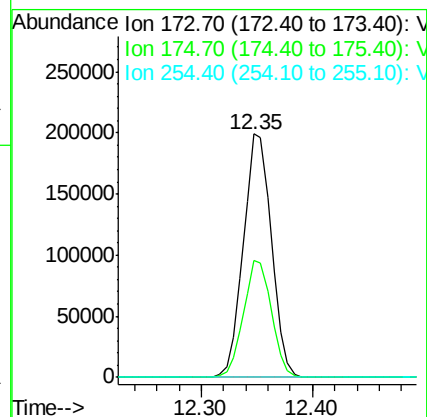
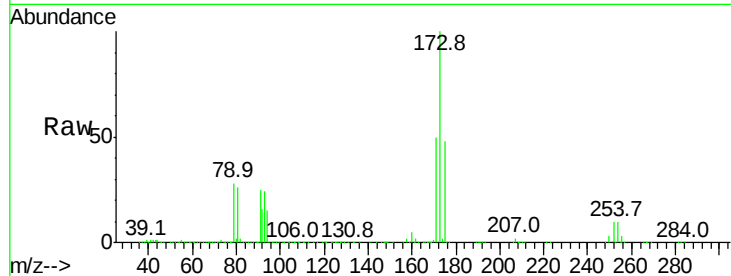




#71
Bromoform
Concen: 120.971 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

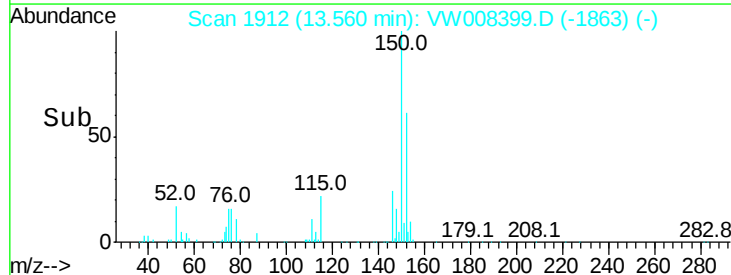
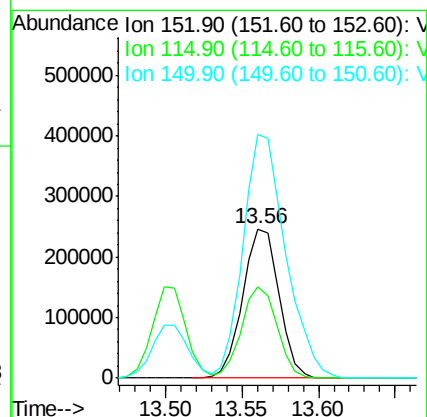
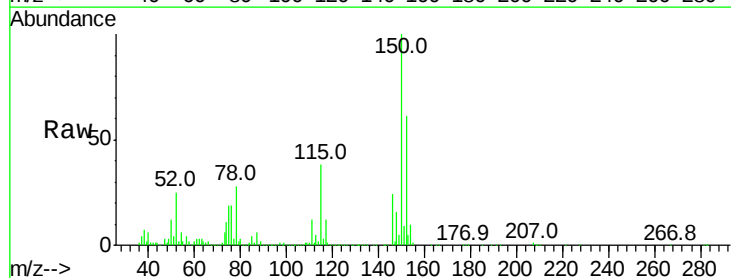
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

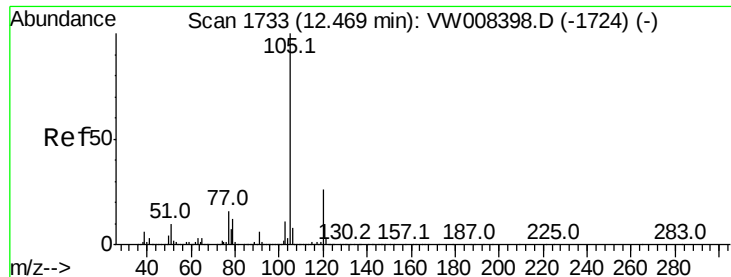
Tgt Ion:173 Resp: 347994
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:152 Resp: 404626
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 192.1 0.0 351.4





#73

Isopropylbenzene

Concen: 108.716 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

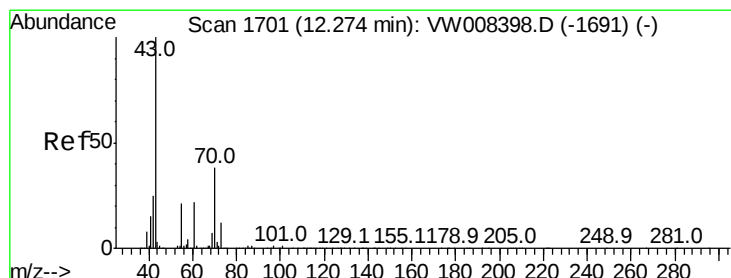
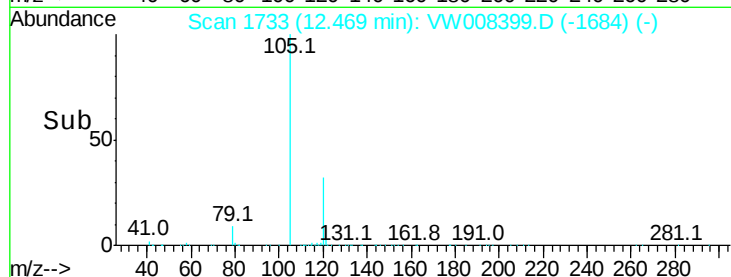
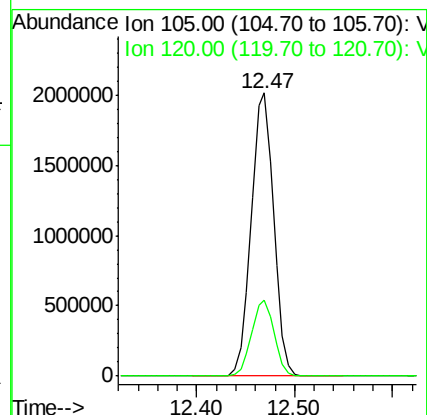
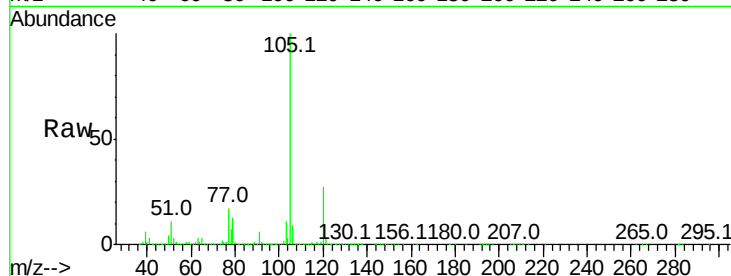
VSTDIC100

Tgt Ion:105 Resp: 3205182

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 135.268 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion: 43 Resp: 854638

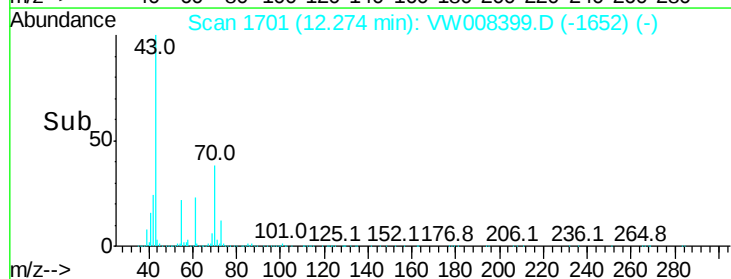
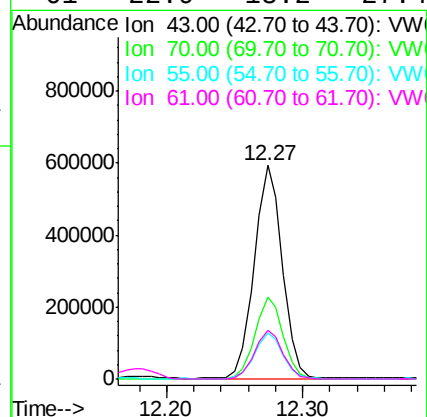
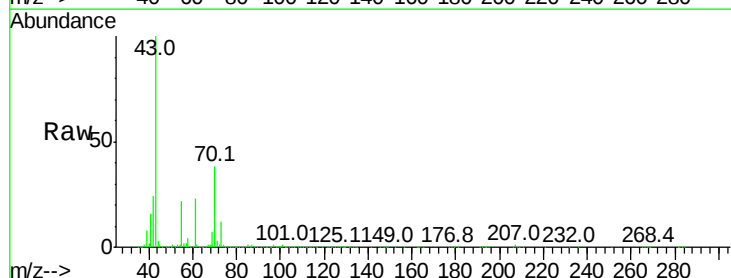
Ion Ratio Lower Upper

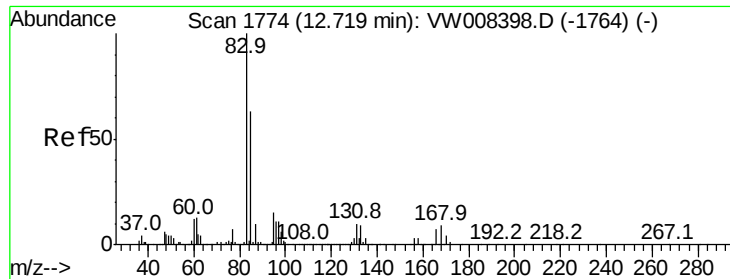
43 100

70 38.5 31.0 46.6

55 21.5 17.4 26.2

61 22.9 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 101.379 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

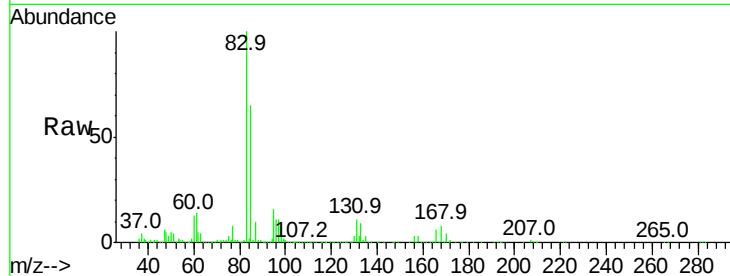
Tgt Ion: 83 Resp: 508384

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

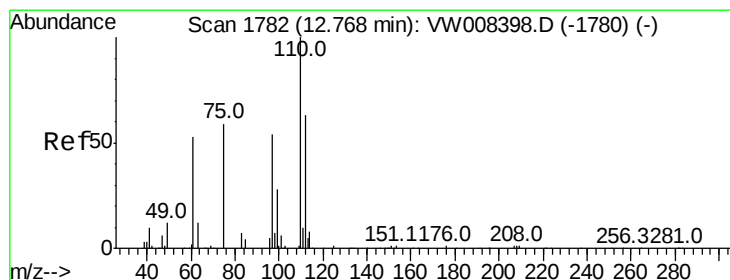
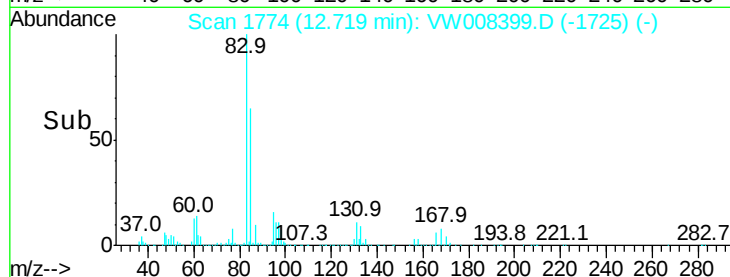
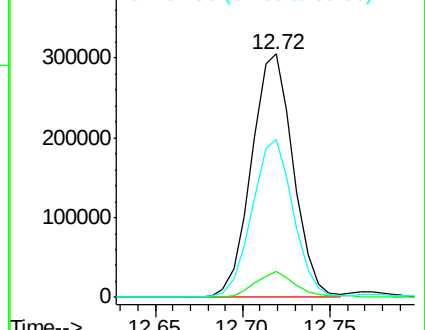
85 64.2 31.9 95.5



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: 198.904 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008399.D

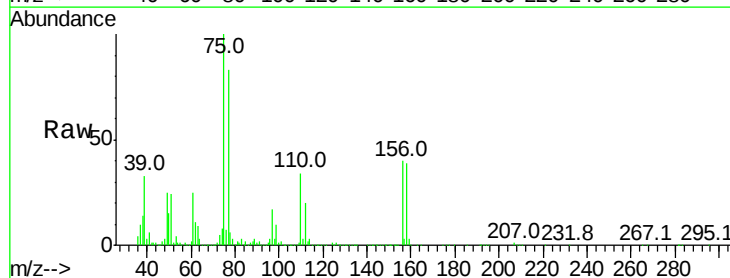
Acq: 24 Jan 2019 16:33

Tgt Ion: 75 Resp: 732910

Ion Ratio Lower Upper

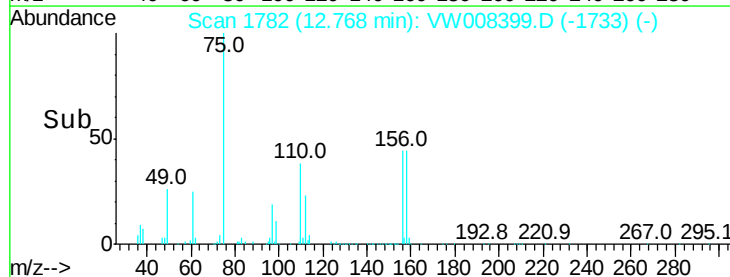
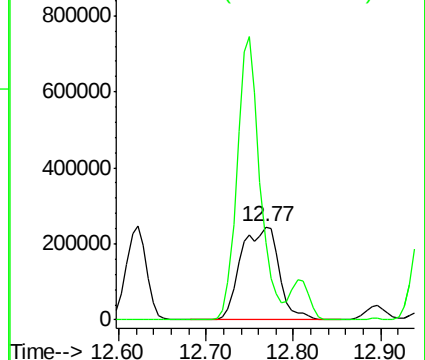
75 100

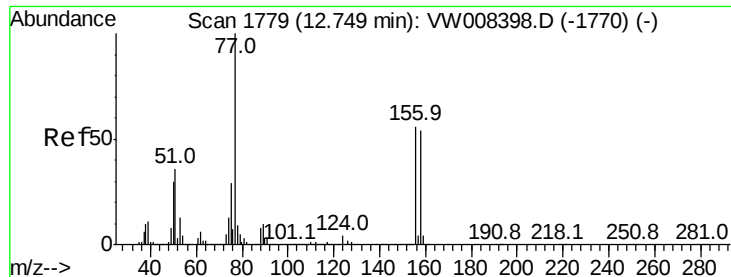
77 184.9 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 97.129 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

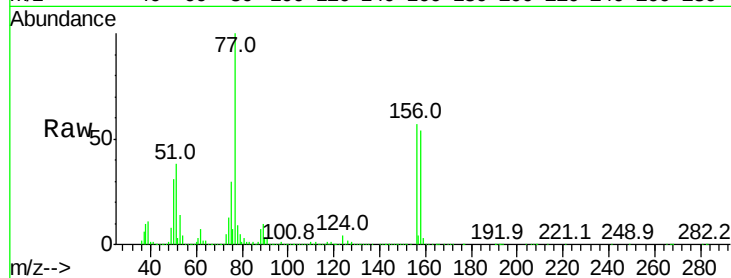
Tgt Ion:156 Resp: 687826

Ion Ratio Lower Upper

156 100

77 197.0 96.9 290.7

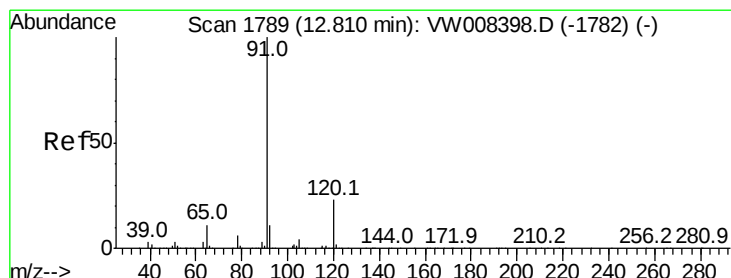
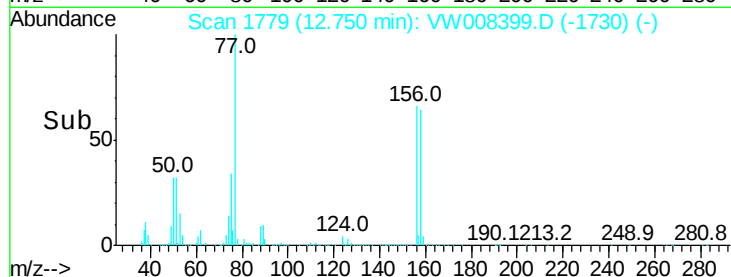
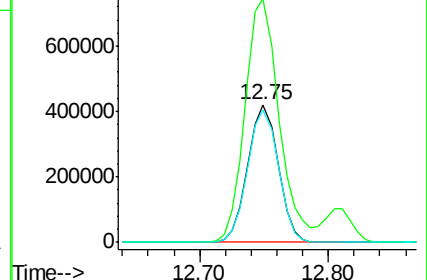
158 97.4 48.8 146.4



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: 108.021 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008399.D

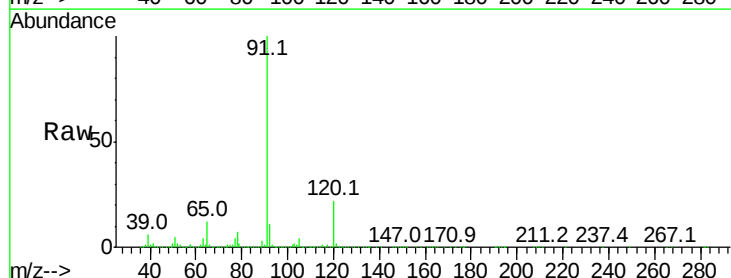
Acq: 24 Jan 2019 16:33

Tgt Ion: 91 Resp: 3854684

Ion Ratio Lower Upper

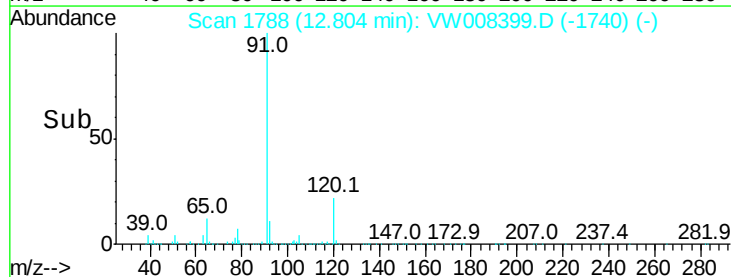
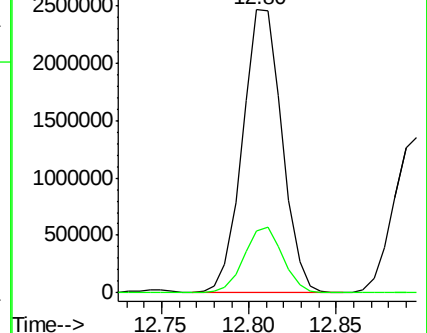
91 100

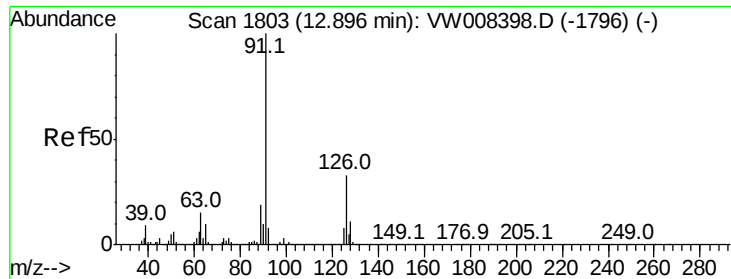
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

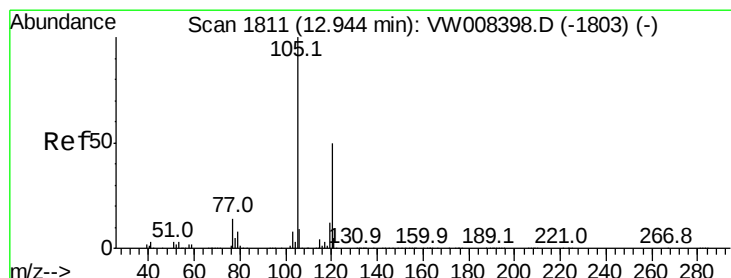
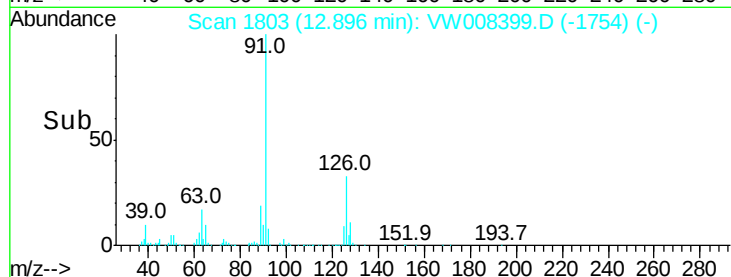
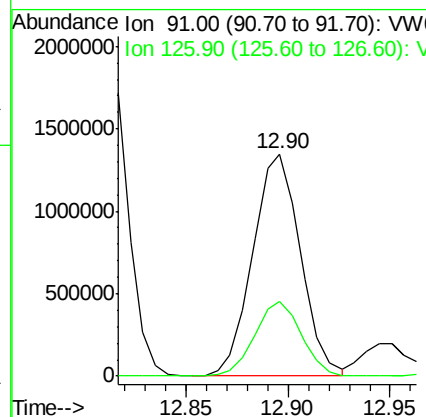
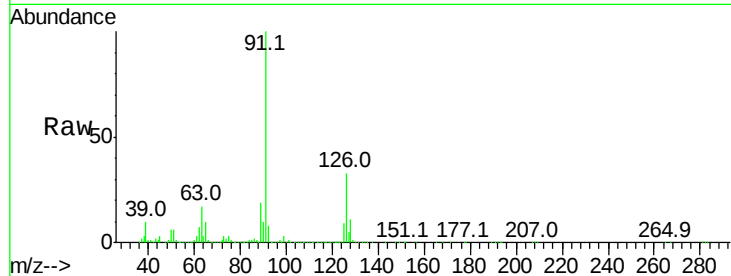




#79
2-Chlorotoluene
Concen: 107.216 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

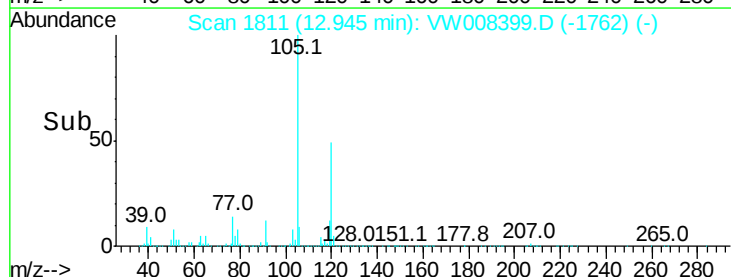
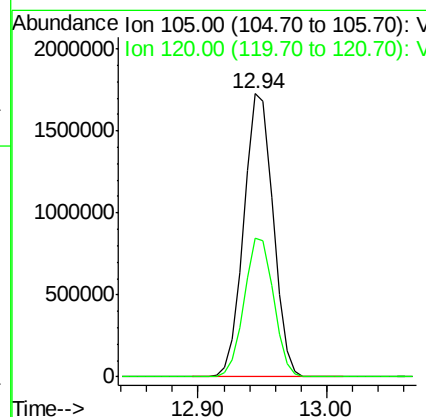
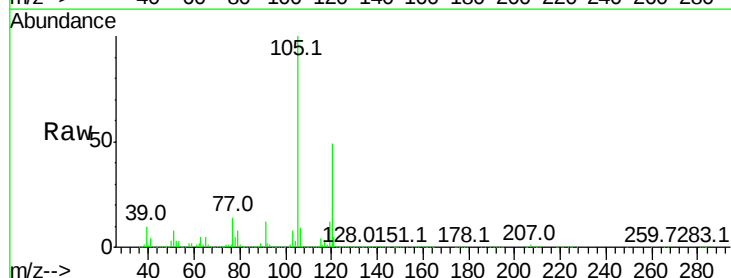
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

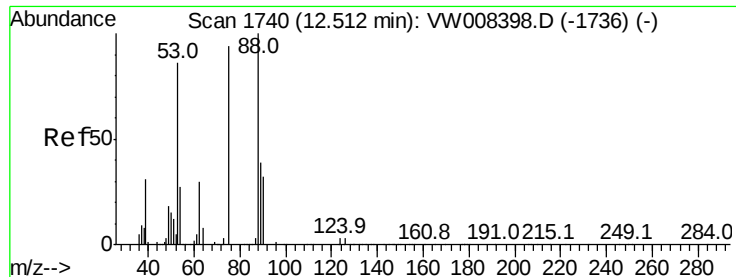
Tgt Ion: 91 Resp: 2185985
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 109.898 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion: 105 Resp: 2703706
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 124.002 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

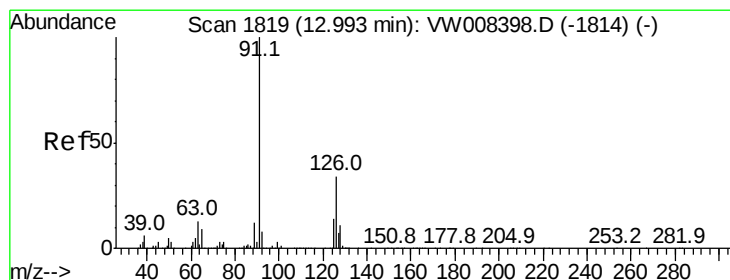
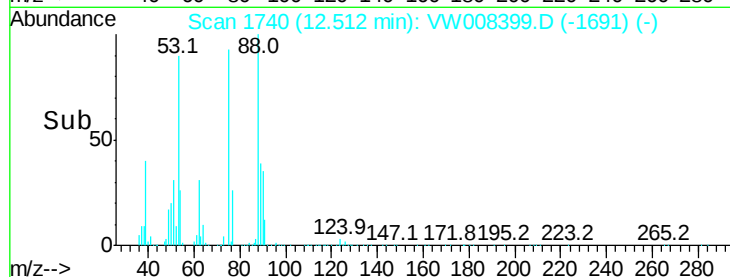
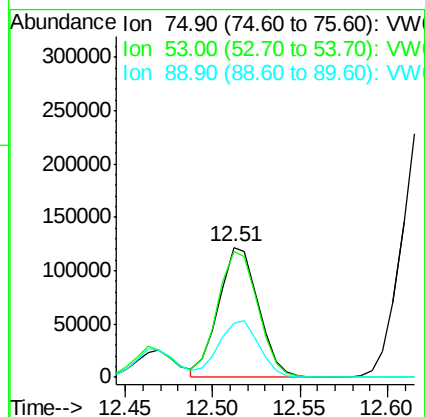
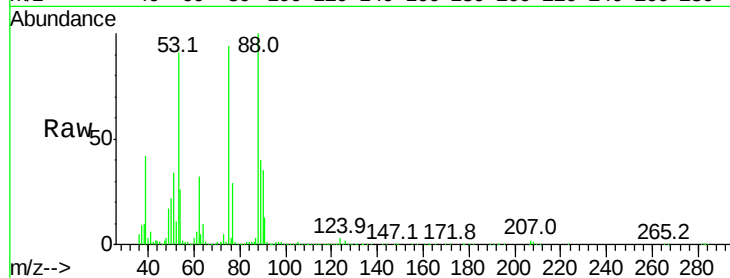
Tgt Ion: 75 Resp: 191465

Ion Ratio Lower Upper

75 100

53 98.8 76.0 114.0

89 44.6 35.4 53.0



#82

4-Chlorotoluene

Concen: 110.951 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008399.D

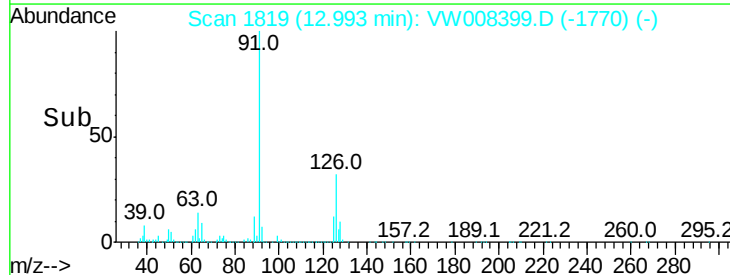
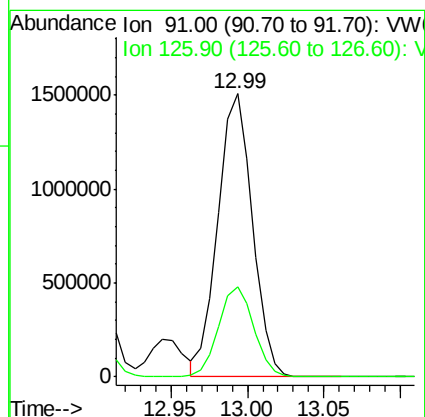
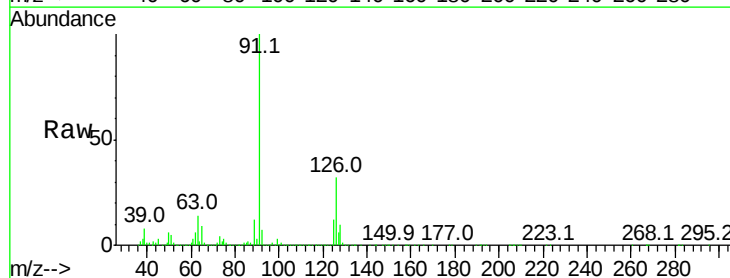
Acq: 24 Jan 2019 16:33

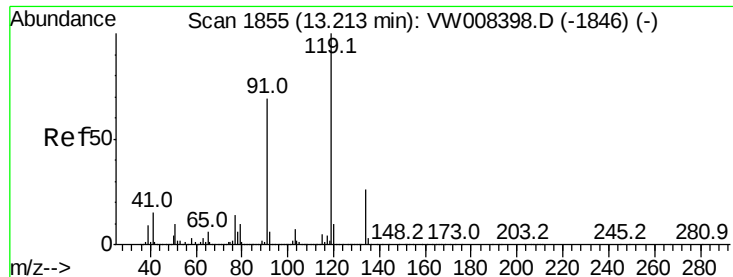
Tgt Ion: 91 Resp: 2363885

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2

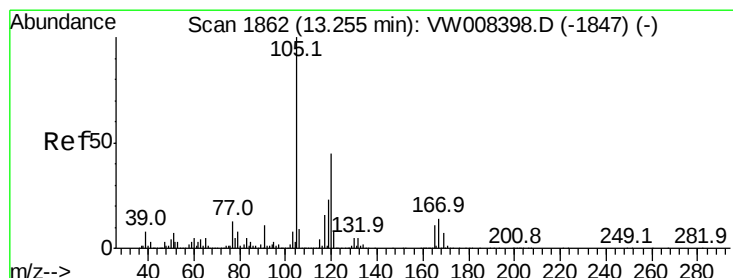
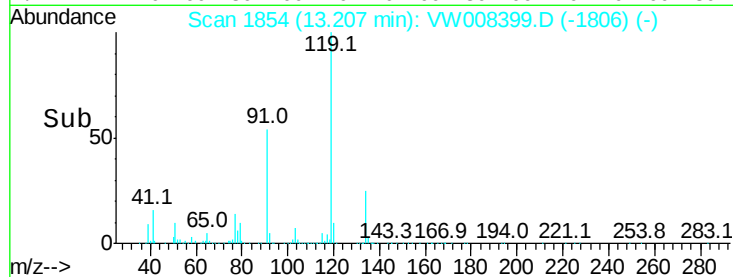
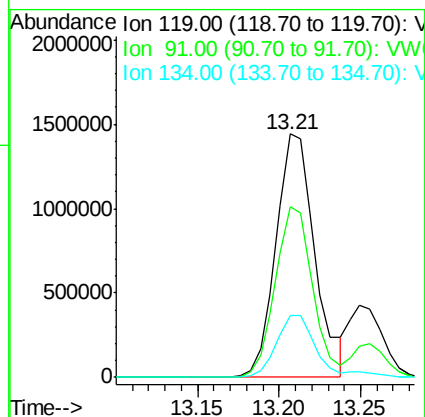
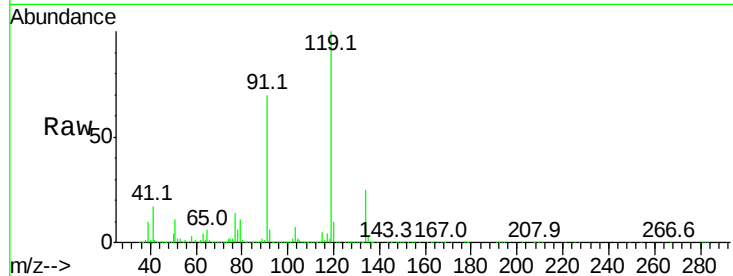




#83
tert-Butylbenzene
Concen: 110.413 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

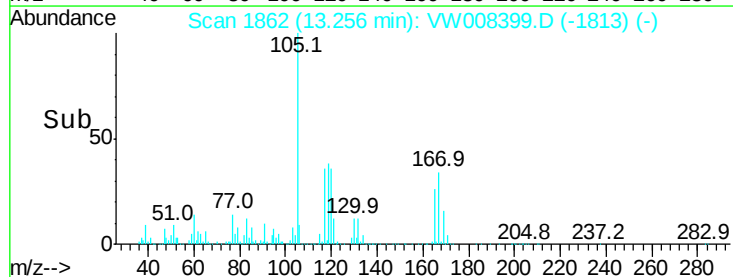
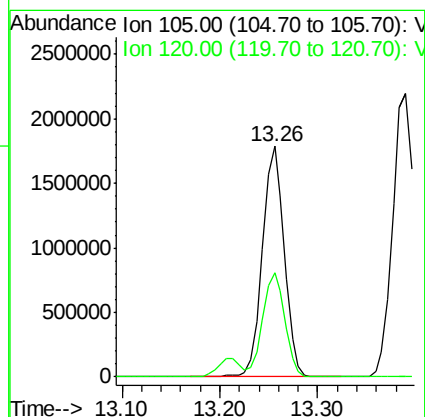
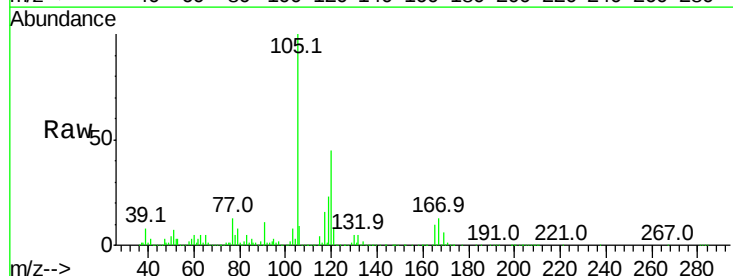
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

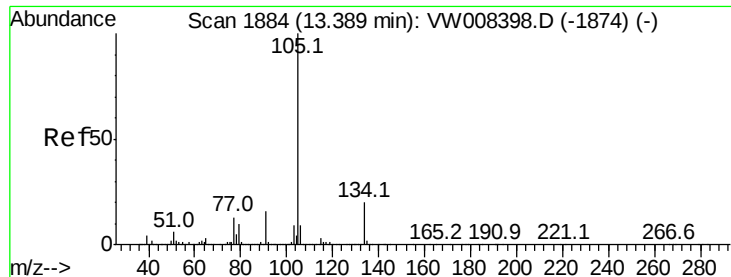
Tgt Ion:119 Resp: 2390839
Ion Ratio Lower Upper
119 100
91 67.3 33.8 101.4
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 110.029 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008399.D
Acq: 24 Jan 2019 16:33

Tgt Ion:105 Resp: 2757572
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

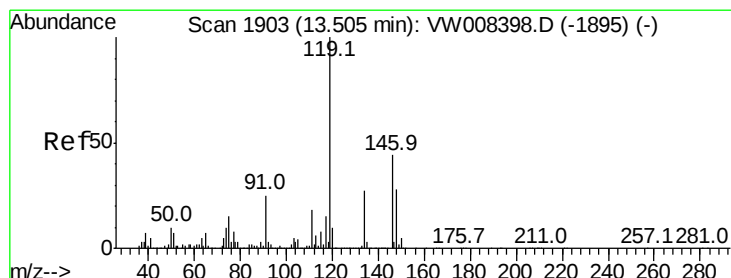
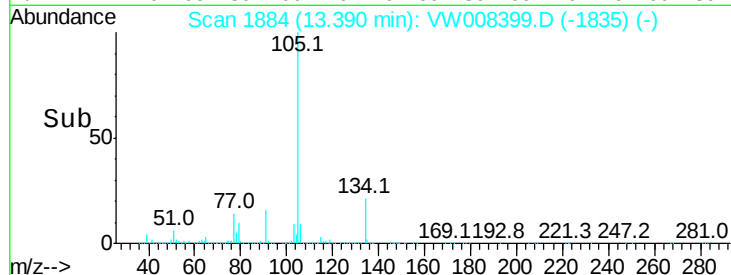
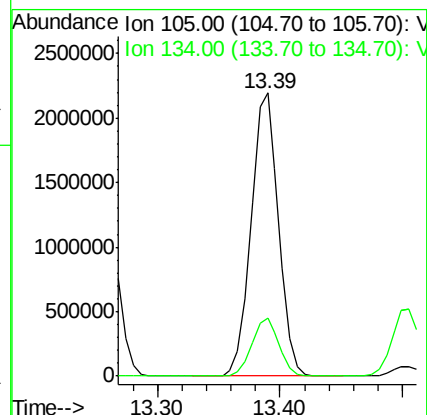
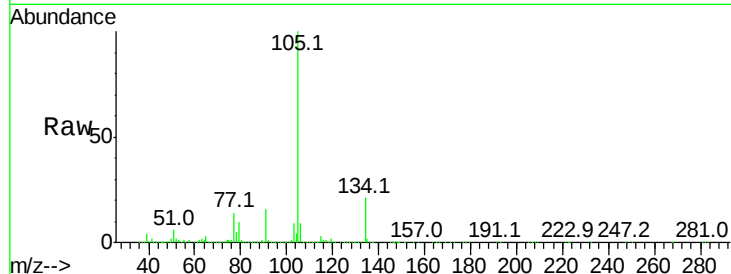




#85
 sec-Butylbenzene
 Concen: 109.387 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

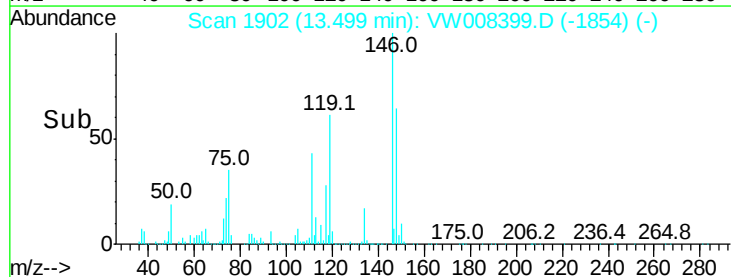
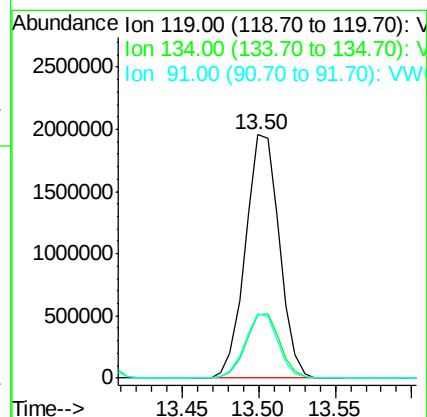
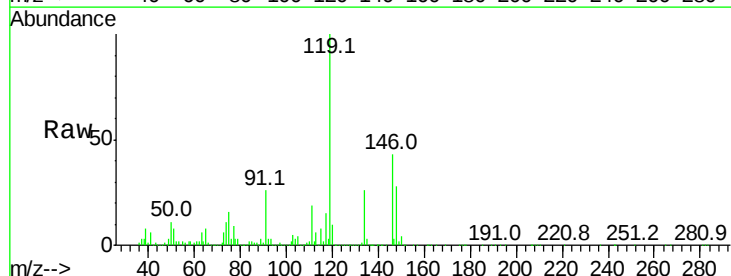
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

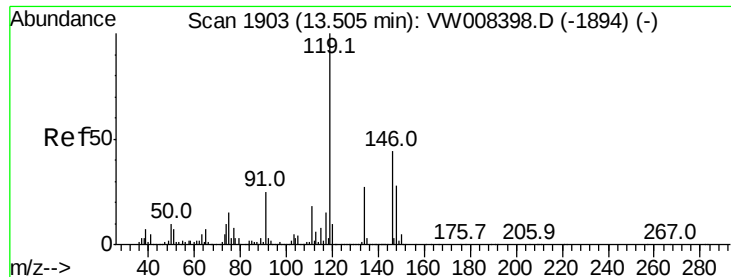
Tgt Ion:105 Resp: 3400815
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 110.743 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion:119 Resp: 3007098
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 25.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 100.221 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

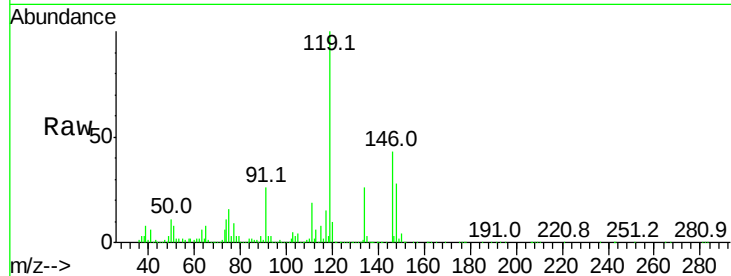
Tgt Ion:146 Resp: 1410141

Ion Ratio Lower Upper

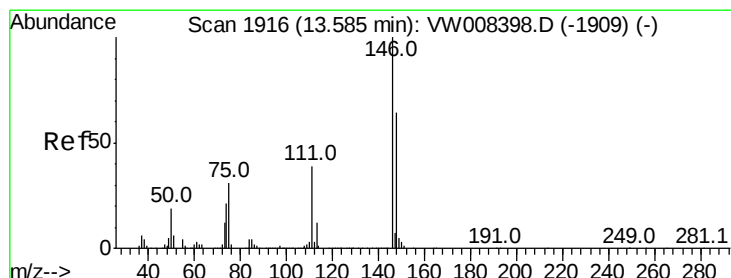
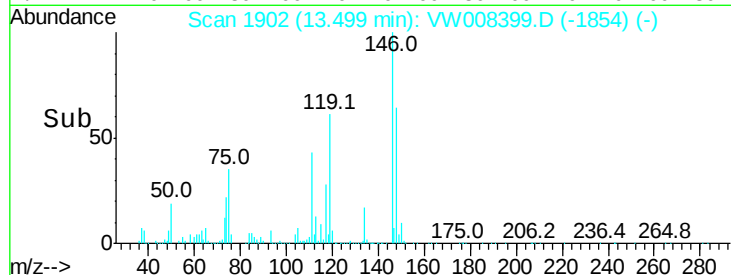
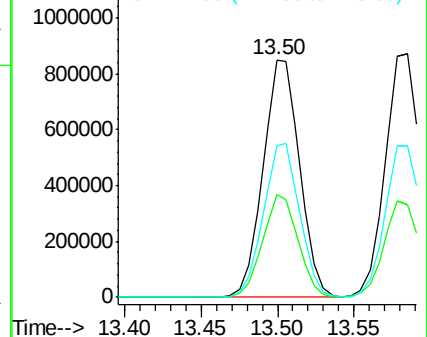
146 100

111 41.9 20.3 60.9

148 64.4 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 99.608 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

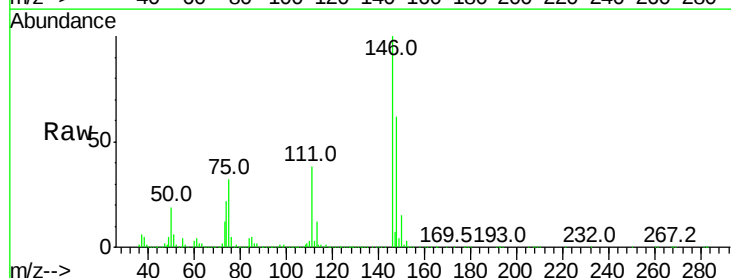
Tgt Ion:146 Resp: 1404123

Ion Ratio Lower Upper

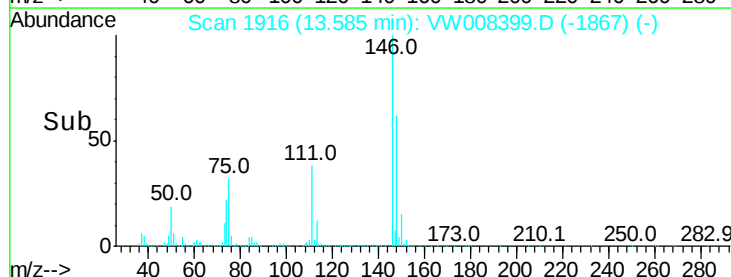
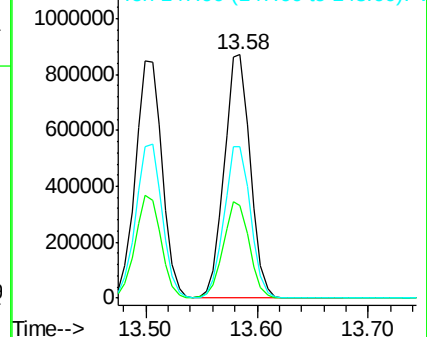
146 100

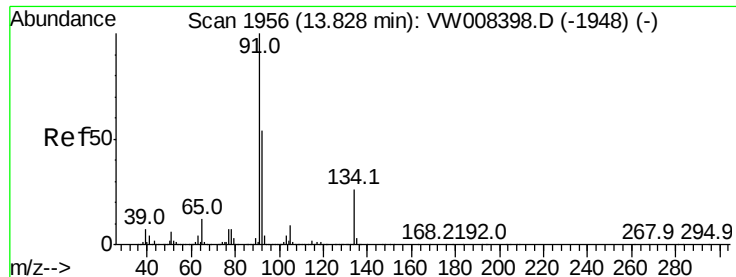
111 39.3 20.0 60.0

148 63.2 32.0 96.2



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





#89

n-Butylbenzene

Concen: 113.060 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

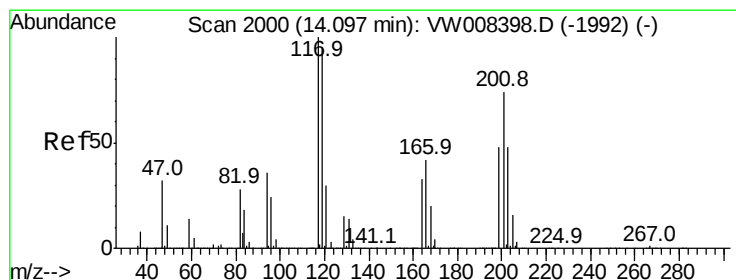
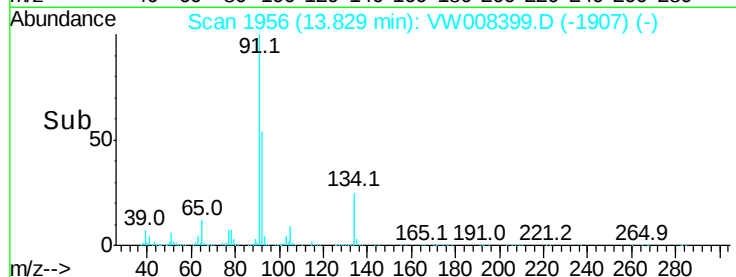
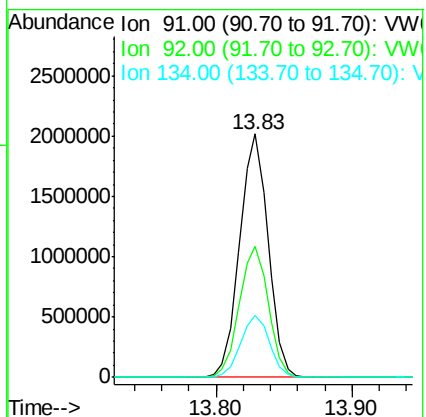
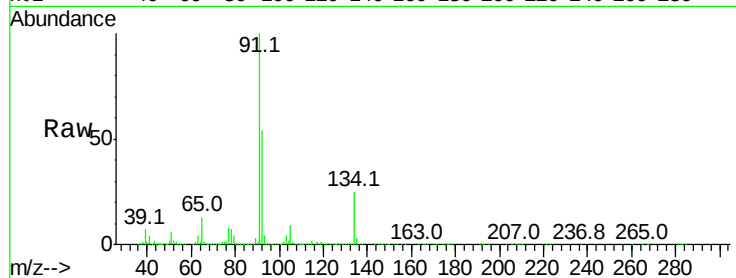
Tgt Ion: 91 Resp: 2944826

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 25.8 13.0 39.0



#90

Hexachloroethane

Concen: 114.265 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008399.D

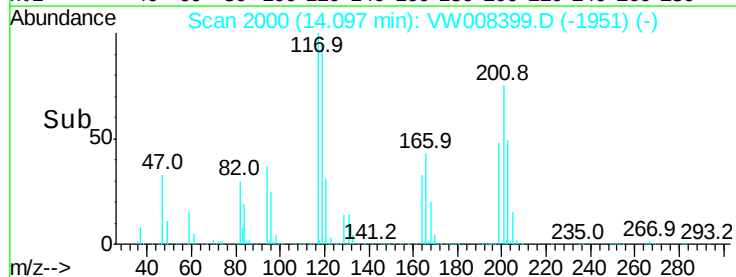
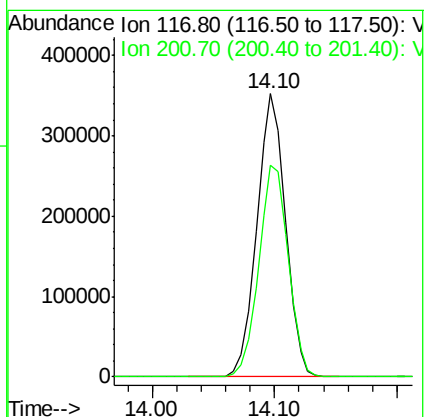
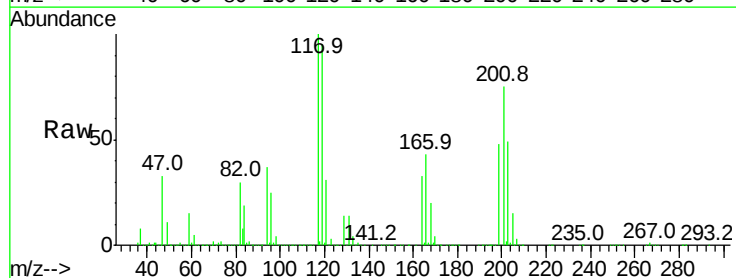
Acq: 24 Jan 2019 16:33

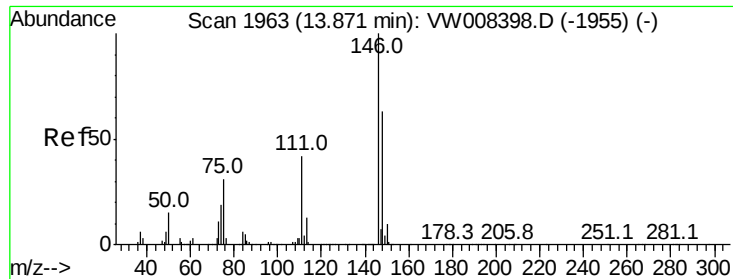
Tgt Ion: 117 Resp: 574200

Ion Ratio Lower Upper

117 100

201 77.2 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 100.251 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

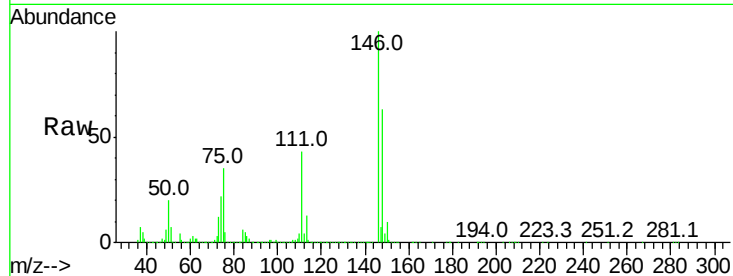
Tgt Ion:146 Resp: 1245396

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.3

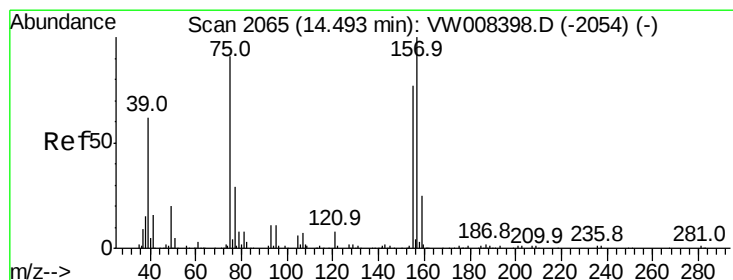
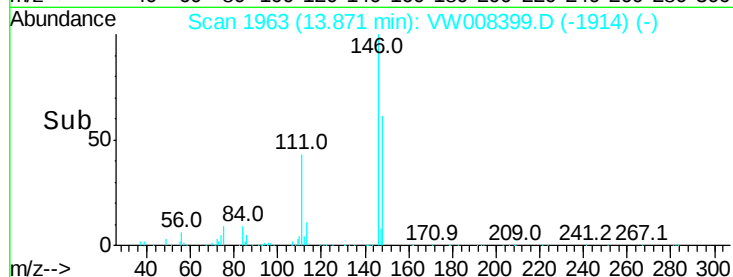
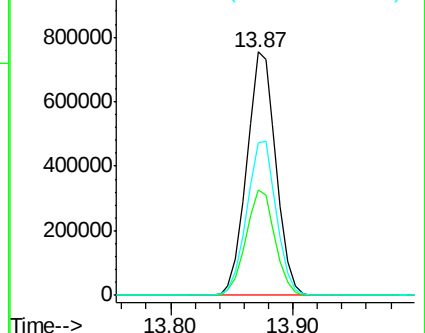
148 64.0 31.9 95.5



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: 111.320 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

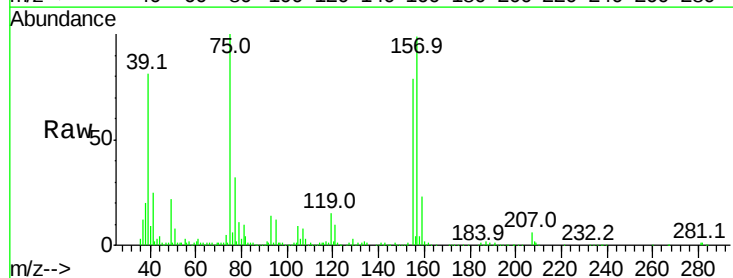
Tgt Ion: 75 Resp: 91280

Ion Ratio Lower Upper

75 100

155 84.3 42.7 128.1

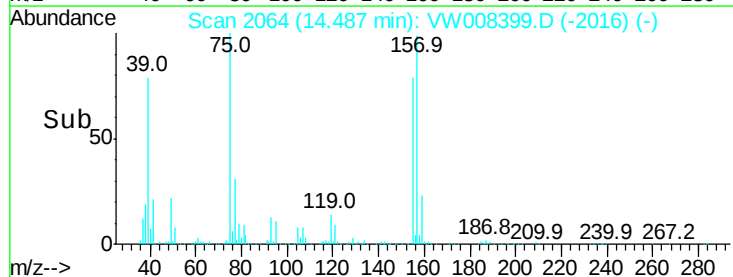
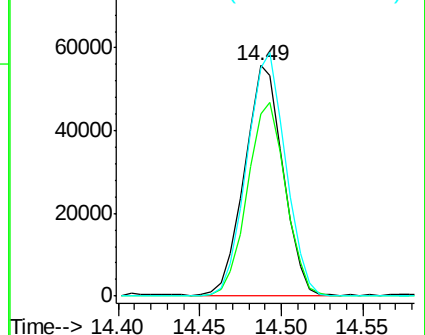
157 106.9 55.5 166.3

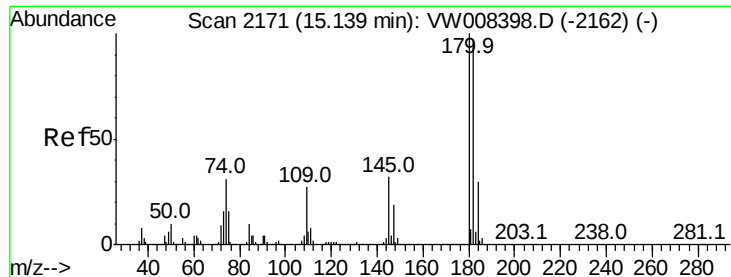


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

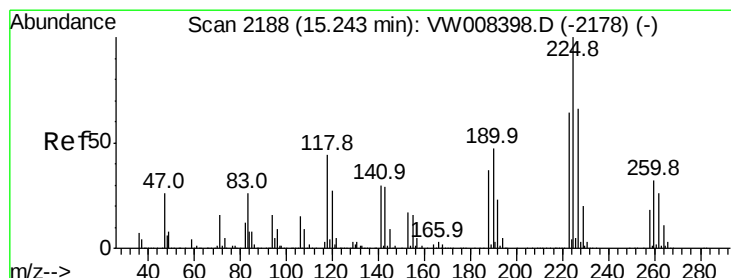
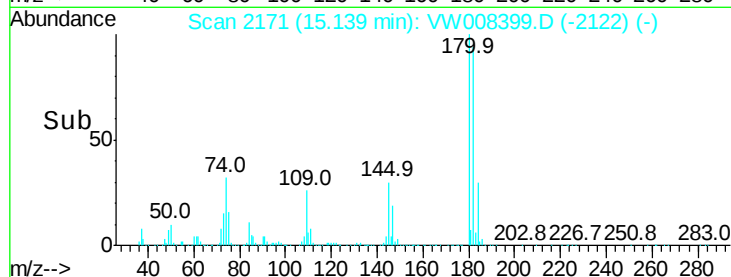
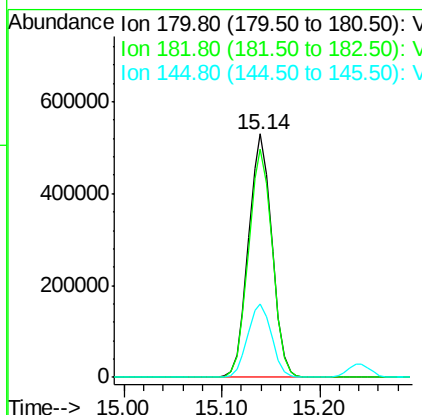
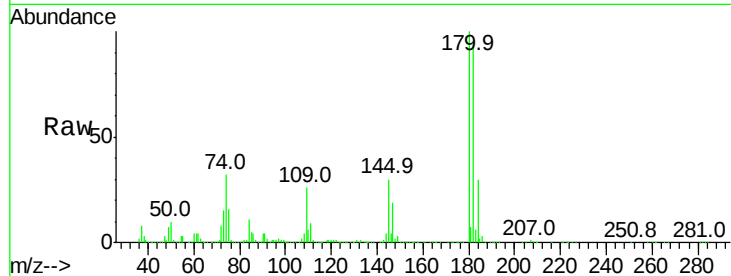




#93
 1,2,4-Trichlorobenzene
 Concen: 104.504 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

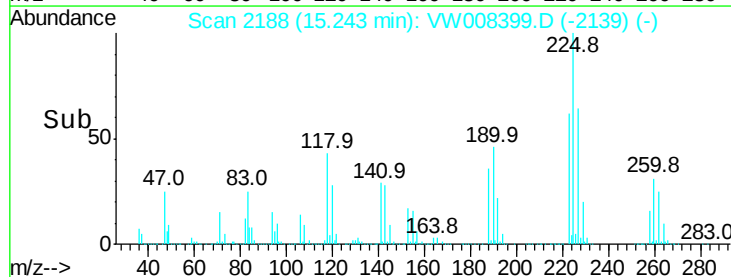
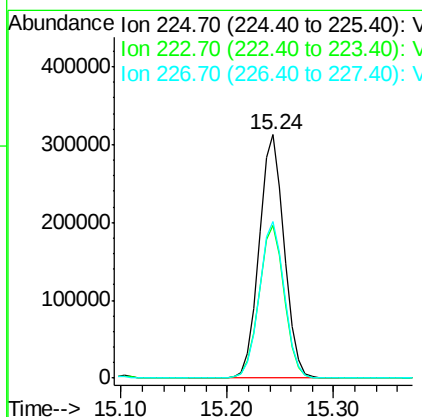
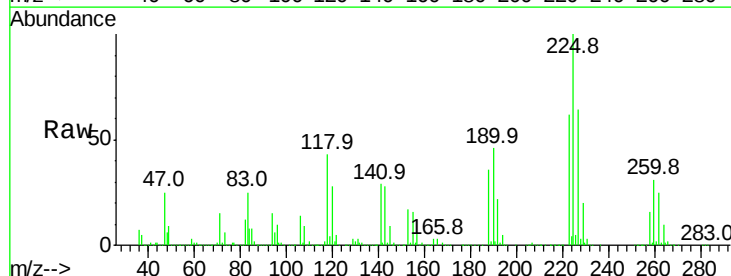
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

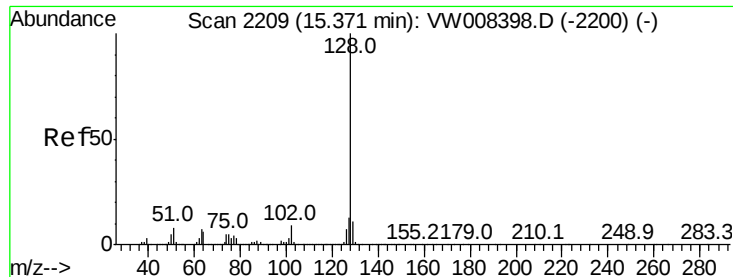
Tgt Ion:180 Resp: 878822
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 30.8 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 108.523 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008399.D
 Acq: 24 Jan 2019 16:33

Tgt Ion:225 Resp: 514335
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.7 95.1
 227 64.4 32.1 96.3





#95

Naphthalene

Concen: 111.912 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

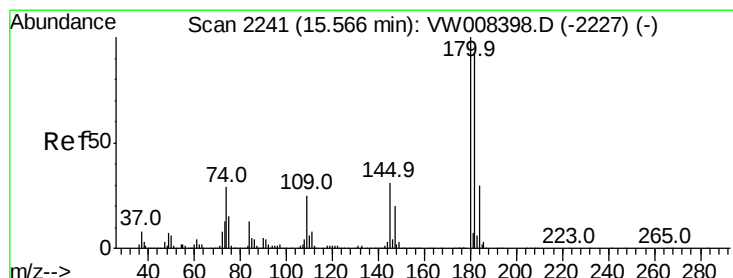
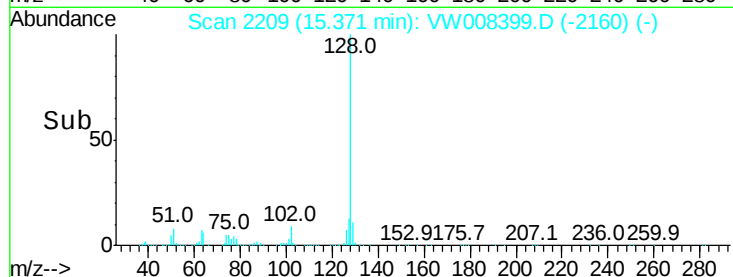
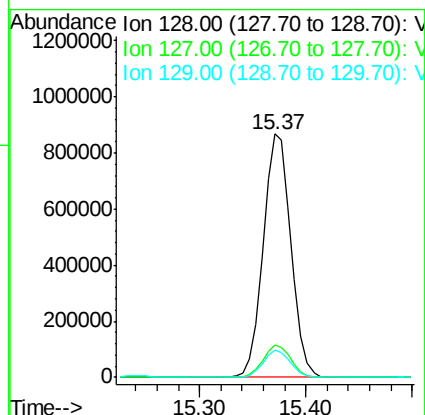
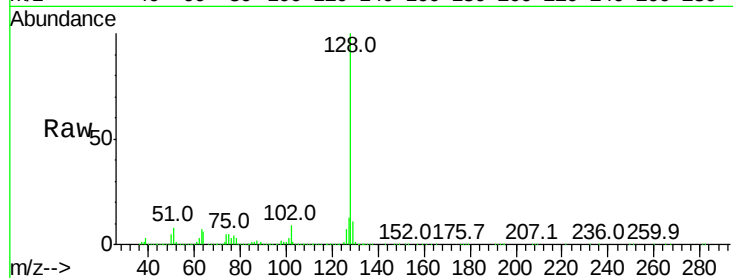
Tgt Ion:128 Resp: 1572609

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 101.752 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008399.D

Acq: 24 Jan 2019 16:33

Tgt Ion:180 Resp: 745313

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 32.6 15.9 47.6

